CORRECTIVE MEASURES WORK PLAN ADDENDUM SUPPLEMENTAL VAPOR INTRUSION INVESTIGATION

33 EAST MAIN STREET
NYSDEC BCP SITE #C314116

33 EAST MAIN STREET
VILLAGE OF PAWLING, DUTCHESS COUNTY, NEW YORK

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PVEDI File #20240302

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1.0 INTRODUCTION AND PROJECT BACKGROUND

The 0.23-acre lot, located at 33 East Main Street, Pawling, New York (Tax ID #134001-7056-05-071977-0000) was remediated in accordance with Brownfield Cleanup Agreement (BCA), Index W3-1 099-06-10, executed on January 22, 2007. The past use of the property as an automobile repair shop is the presumed source of contamination subject to remediation under the Brownfield Cleanup Program (BCP).

The New York State Department of Environmental Conservation (NYSDEC) conducted a site visit on July 23, 2024, which included an inspection of the on-site sub-slab depressurization system (SSDS). NYSDEC expressed concern that SSDS piping from the slab to the in-line fan was of different material than horizontal piping along the interior walls, suggesting the SSDS was not installed during construction of the on-Site structure. Additionally, no pressure gauges, sampling ports or rain cap/cover were observed on the system. PVE (a predecessor entity of PVEDI Engineering, Architecture and Geology, DPC "PVEDI") conducted a site visit on September 4, 2024, and confirmed the State's findings. Additionally, a portion of the structure, which was inaccessible during the NYSDEC visit, was inspected; an additional SSDS fan and associated piping were identified with features similar to the initial fan and piping. The exterior piping associated with the second fan was also observed void of rain cap/cover.

Based on these findings, the NYSDEC required a Corrective Measures Work Plan (CMWP), including a vapor intrusion investigation to determine whether a soil vapor intrusion (SVI) exists at the property. PVE prepared and submitted a site specific CMWP dated October 18, 2024, Revised November 18, 2024, to the NYSDEC; the work plan was subsequently approved by the State on November 18, 2024. The CMWP included the following elements:

- Soil Vapor Investigation;
- Performance Testing, Monitoring Point Installation and SSDS Upgrading; &
- SSDS Modifications and/or Design.

On March 26th and 27th, 2025, a total of five (5) sub-slab soil vapor with co-located indoor air samples, eight (8) additional indoor air samples, and one (1) outdoor ambient air sample were collected throughout the subject property, for a total of nineteen (19) samples. Low concentrations of petroleum-related compounds and chlorinated VOCs were detected during this sampling event, a SVI does not appear to exist at the site, requiring no further action in accordance with NYSDOH Vapor Intrusion Decision Matrices.

As part of the decommissioning process for an SSDS, a second round of sampling conducted during the 2025/2026 heating season, was required before the systems could be considered for formal decommissioning. The purpose of a second round of sampling was to determine if the continued use of the SSDS is required and to evaluate if a rebound effect is occurring underneath the building. PVEDI submitted an Addendum to

the CMWP for submittal to NYSDEC and NYSDOH for review and was accepted on December 4, 2025, with modifications. The required modification to use TO-15 SIM for analysis was dropped by the NYSDEC on December 8, 2025. The scope of the Addendum was limited to the collection of five (5) sub-slab vapor with five (5) co-located indoor air samples in the basement of the subject property in the same locations as previous investigations. Both SSD systems were permitted to be turned off at this time and will be considered for decommissioning following the receipt of the January 2026 SVI data.

2.0 FIELD ACTIVITIES

2.1 VAPOR SAMPLING

In accordance with the approved Addendum to the CMWP, a total of five (5) sub-slab soil vapor with co-located indoor air samples were collected throughout the subject property, on January 22, 2026. PVEDI installed temporary vapor probes through the concrete slab of foundation using a hammer drill and 5/8-inch drill bit. Probes were sealed at the surface with non-VOC emitting clay. Vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity and demonstrate that ambient air was not being drawn into the samples being collected.

Vapor samples were collected in certified clean Summa canisters with a regulator set to collect a sample over an 8-hour period. All samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method TO-15 and Analytical Services Protocol (ASP) Category B deliverables per Site Management Plan (SMP) requirements, following standard chain-of-custody procedures.

Sub-slab sampling points were repaired with concrete patch following sample collection.

2.2 PRODUCT INVENTORY

A NYSDOH Indoor Air Quality Questionnaire and Building Inventory Center for Environmental Health form and photo log were prepared during the evaluation and included in Appendix B.

3.0 RESULTS

Sub-slab vapor and co-located ambient air results are summarized in Table 1. Analytical reports are attached in Appendix C.

The NYSDOH Guidance Document contains six (6) matrices, incorporating a total of twenty-one (21) volatile organic compounds: 1,1-Dichloroethene (1,1-DCE); Cis-1,2-Dichloroethene (Cis-1,2-DCE); Vinyl Chloride (VC); 1,1,1 – Trichloroethane (1,1,1-TCA); Carbon Tetrachloride; Methylene Chloride; Tetrachloroethylene (PCE); Trichloroethylene (TCE); Benzene; Ethylbenzene; Naphthalene; Cyclohexane; Isooctane (2,2,4-Trimethylpentane); 1,2,4-Trimethlybenzene; 1,3,5-Trimethylbenzene; o-Xylene; m-Xylene; p-Xylene; Heptane; Hexane; and Toluene.

The tables below summarize the analytical results of the NYSDOH compounds. Based on the concentrations of detectable compounds in soil vapor and co-located indoor air samples, the data reflects that a SVI does not exist at this property and that no further action is warranted under applicable NYSDOH Vapor Intrusion guidance.

Date Sampled	1/22/2026			1/22/2026			1/22/2026			1/22/2026		
Location	East Basement			East Basement			East Basement			East Basement		
Sample ID	SSV-1 20260122			AI-1 20260122			SSV-2 20260122			AI-2 20260122		
Analyte	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1-Trichloroethane (TCA)	ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U
1,1-Dichloroethene	ND< 0.30	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.16	ug/m3	U
1,2,4-Trimethylbenzene	7.8	ug/m3		0.60	ug/m3		6.8	ug/m3		0.91	ug/m3	
1,3,5-Trimethylbenzene (Mesitylene)	2.0	ug/m3		ND< 0.40	ug/m3	U	1.8	ug/m3		ND< 0.40	ug/m3	U
2,2,4-Trimethylpentane	2.1	ug/m3		1.1	ug/m3		3.2	ug/m3		3.2	ug/m3	
Benzene	1.2	ug/m3		0.99	ug/m3		1.2	ug/m3		1.4	ug/m3	
Carbon Tetrachloride	0.67	ug/m3		0.57	ug/m3		0.98	ug/m3		1.1	ug/m3	
Cis-1,2-Dichloroethylene	ND< 0.30	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.16	ug/m3	U
Cyclohexane	0.79	ug/m3		0.31	ug/m3		1.1	ug/m3		0.86	ug/m3	
Ethylbenzene	4.7	ug/m3		0.75	ug/m3		4.9	ug/m3		1.2	ug/m3	
m,p-Xylene	19	ug/m3		2.1	ug/m3		20	ug/m3		3.8	ug/m3	
Methylene Chloride	ND< 3.2	ug/m3	U	ND< 1.7	ug/m3	J	ND< 3.2	ug/m3	U	ND< 1.7	ug/m3	J
Naphthalene	ND< 8.0	ug/m3	U	ND< 4.3	ug/m3	U	ND< 8.1	ug/m3	U	ND< 4.2	ug/m3	U
N-Heptane	1.7	ug/m3		6.1	ug/m3		2.0	ug/m3		4.6	ug/m3	
N-Hexane	5.3	ug/m3		2.2	ug/m3		8.9	ug/m3		9.0	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	6.8	ug/m3		0.85	ug/m3		7.0	ug/m3		1.4	ug/m3	
Tetrachloroethylene (PCE)	ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	J	ND< 1.1	ug/m3	U	ND< 0.55	ug/m3	U
Toluene	13	ug/m3		7.0	ug/m3		15	ug/m3		7.9	ug/m3	
Trichloroethylene (TCE)	ND< 0.25	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.13	ug/m3	U
Vinyl Chloride	ND< 0.20	ug/m3	U	ND< 0.10	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.10	ug/m3	U

Date Sampled	1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026		
Location	West Basement			West Basement			West Basement			West Basement			West Basement			West Basement		
Sample ID	SSV-3 20260122			AI-3 20260122			SSV-4 20260122			AI-4 20260122			SSV-5 20260122			AI-5 20260122		
Analyte	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1-Trichloroethane (TCA)	ND< 0.94	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.82	ug/m3	U	ND< 0.40	ug/m3	U
1,1-Dichloroethene	ND< 0.34	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.14	ug/m3	U
1,2,4-Trimethylbenzene	8.8	ug/m3		0.69	ug/m3		7.1	ug/m3		0.41	ug/m3		8.1	ug/m3		0.36	ug/m3	
1,3,5-Trimethylbenzene (Mesitylene)	2.2	ug/m3		ND< 0.38	ug/m3	U	1.9	ug/m3		ND< 0.37	ug/m3	U	2.1	ug/m3		ND< 0.36	ug/m3	U
2,2,4-Trimethylpentane	5.0	ug/m3		2.3	ug/m3		13	ug/m3		0.78	ug/m3		8.8	ug/m3		0.51	ug/m3	
Benzene	1.8	ug/m3		1.3	ug/m3		3.7	ug/m3		0.90	ug/m3		1.5	ug/m3		0.81	ug/m3	
Carbon Tetrachloride	1.5	ug/m3		0.98	ug/m3		3.8	ug/m3		0.48	ug/m3		0.95	ug/m3		0.41	ug/m3	
Cis-1,2-Dichloroethylene	ND< 0.34	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.14	ug/m3	U
Cyclohexane	1.5	ug/m3		0.64	ug/m3		3.5	ug/m3		ND< 0.26	ug/m3	U	1.2	ug/m3		ND< 0.25	ug/m3	U
Ethylbenzene	6.8	ug/m3		0.71	ug/m3		6.5	ug/m3		0.36	ug/m3		5.6	ug/m3		ND< 0.32	ug/m3	U
m,p-Xylene	27	ug/m3		2.2	ug/m3		24	ug/m3		1.0	ug/m3		23	ug/m3		0.82	ug/m3	
Methylene Chloride	ND< 3.6	ug/m3	U	ND< 1.6	ug/m3	J	ND< 2.9	ug/m3	U	ND< 1.6	ug/m3	J	ND< 3.1	ug/m3	U	ND< 1.5	ug/m3	J
Naphthalene	ND< 9.1	ug/m3	U	ND< 4.1	ug/m3	U	ND< 7.4	ug/m3	U	ND< 4.0	ug/m3	U	ND< 7.9	ug/m3	U	ND< 3.8	ug/m3	U
N-Heptane	2.9	ug/m3		2.4	ug/m3		9.5	ug/m3		1.0	ug/m3		2.3	ug/m3		0.89	ug/m3	
N-Hexane	16	ug/m3		6.5	ug/m3		42	ug/m3		1.6	ug/m3		12	ug/m3		0.87	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	9.5	ug/m3		0.84	ug/m3		8.5	ug/m3		0.43	ug/m3		8.0	ug/m3		0.32	ug/m3	
Tetrachloroethylene (PCE)	ND< 1.2	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.96	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.49	ug/m3	U
Toluene	21	ug/m3		4.8	ug/m3		25	ug/m3		2.1	ug/m3		17	ug/m3		1.6	ug/m3	
Trichloroethylene (TCE)	ND< 0.28	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.24	ug/m3	U	ND< 0.12	ug/m3	U
Vinyl Chloride	ND< 0.22	ug/m3	U	ND< 0.099	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.097	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.093	ug/m3	U

4.0 CONCLUSIONS AND RECOMMENDATIONS

1. The property owner has conducted the NYSDEC requested supplemental sampling as a function of the request to decommission the on-site SSD systems.
2. A total of five (5) sub-slab soil vapor with co-located indoor air samples were collected throughout the subject property, for a total of ten (10) samples.
3. Low concentrations of petroleum-related compounds and chlorinated VOCs were detected during this sampling event. However, none of these detections warrant monitoring or mitigation in accordance with NYSDOH Vapor Intrusion Decision Matrices.
4. As such, PVEDI requests the SSD systems be allowed to be decommissioned and the SMP be accordingly amended.

5.0 CERTIFICATION

"I, Conor Tarbell, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and *that this Corrective Measures Work Plan Addendum Supplemental Vapor Intrusion Investigation was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications*."

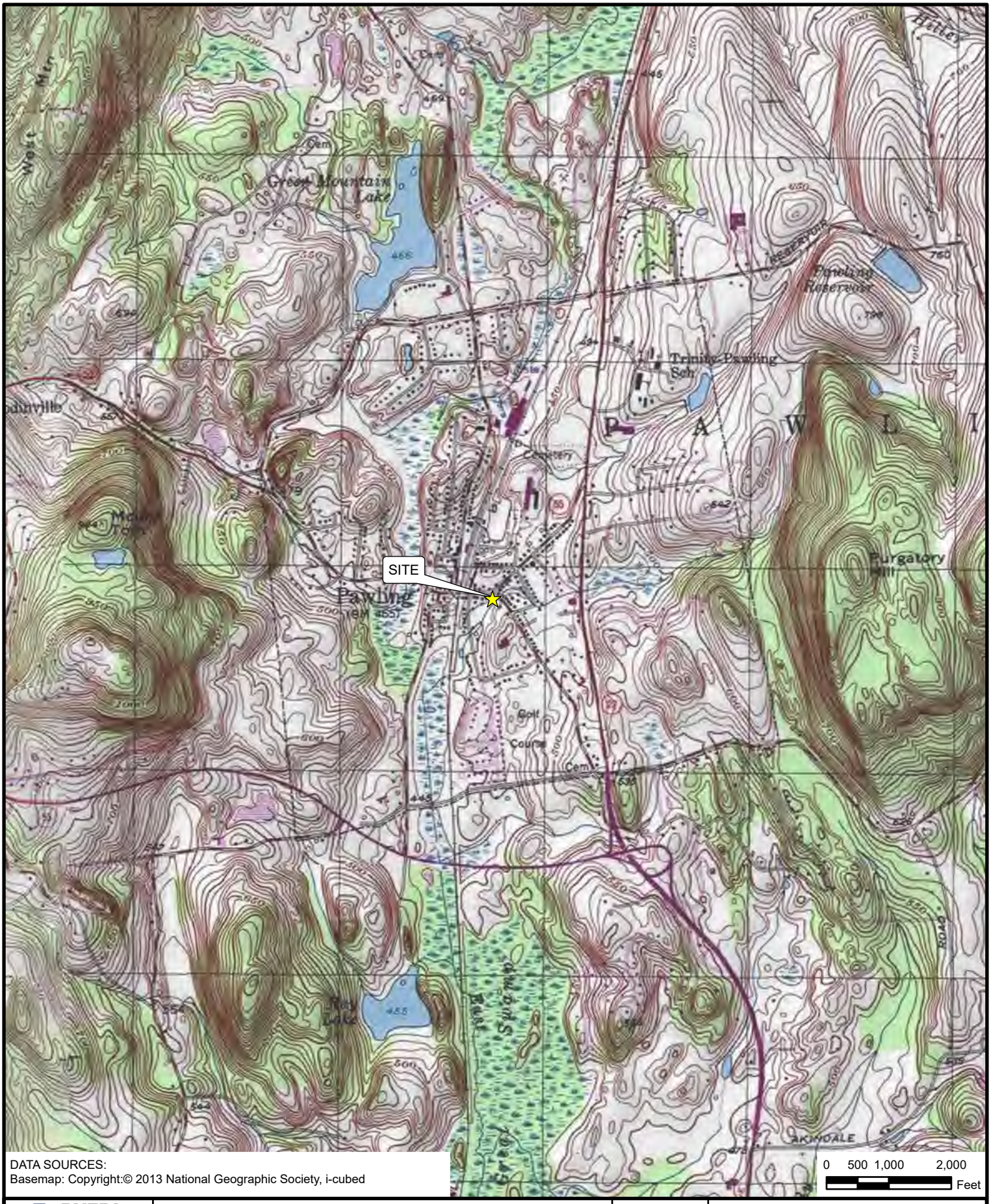
6/23/2026

Signature

Date

PVEDI
A Stratus Team Company

FIGURES



DATA SOURCES:
Basemap: Copyright:© 2013 National Geographic Society, i-cubed

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SITE LOCATION MAP

33 EAST MAIN STREET, VILLAGE OF PAWLING, DUTCHESS COUNTY, NEW YORK

PROJECT NO.	FIGURE 1
20240302	DATE: 1/23/2026
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

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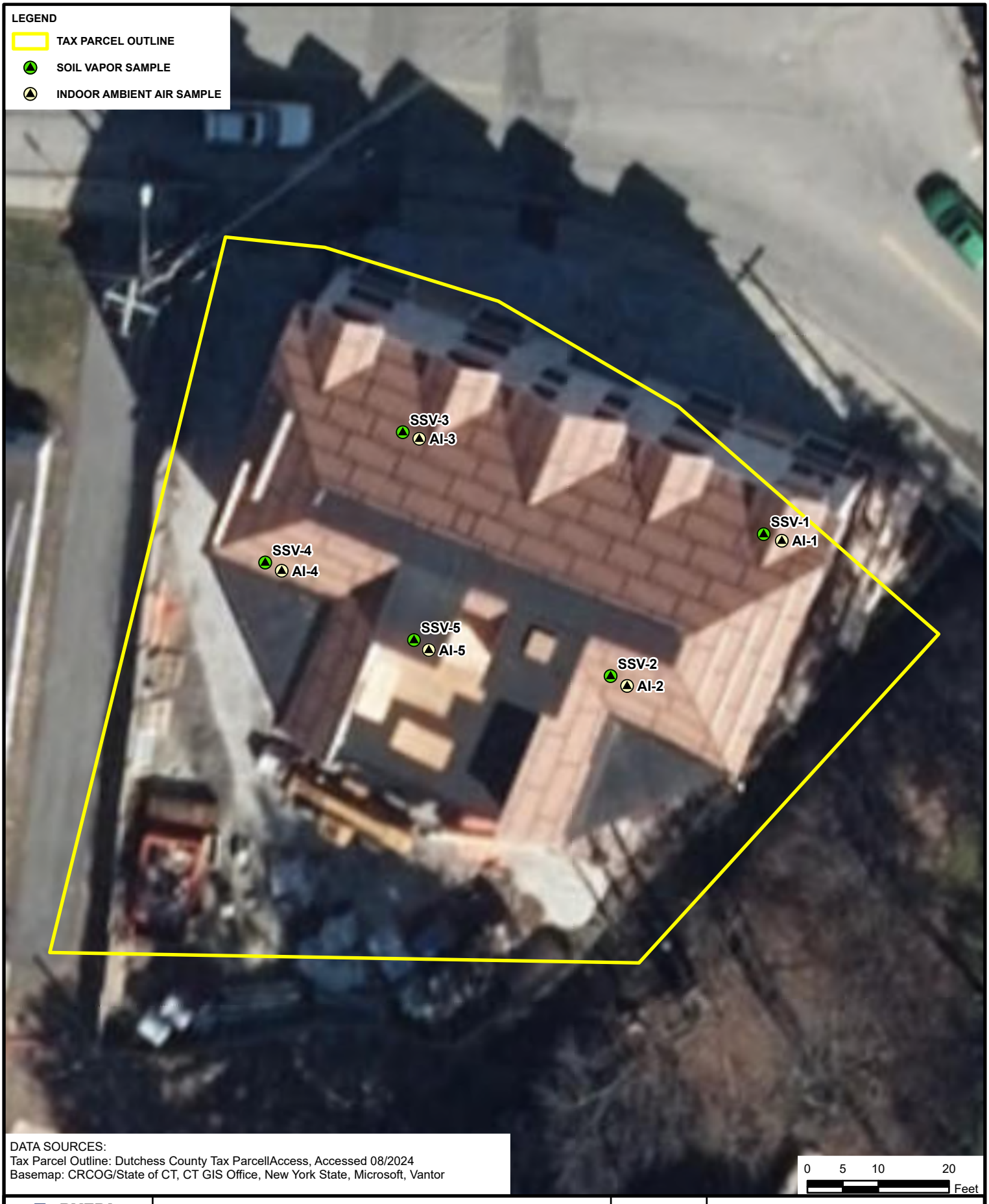
SELECTED SITE FEATURES

33 EAST MAIN STREET, VILLAGE OF PAWLING, DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302	**FIGURE 2**
N	DATE: 1/23/2026
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Dutchess County Tax ParcellAccess, Accessed 08/2024
Basemap: CRCOG/State of CT, CT GIS Office, New York State, Microsoft, Vantor

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SAMPLE LOCATION MAP

33 EAST MAIN STREET, VILLAGE OF PAWLING, DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302	FIGURE 3
N	DATE: 1/23/2026
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

PVEDI
A Stratus Team Company

TABLE

Table 1 - VOCs in Basement Samples
Compared to NYSDOH Decision Matrices
33 East Main Street, Village of Pawling, New York
PVEDI File #20240302

		Date Sampled	1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026			1/22/2026		
		Location	East Basement			East Basement			East Basement			East Basement			West Basement			West Basement			West Basement			West Basement			West Basement			West Basement		
		Sample ID	SSV-1 20260122			AI-1 20260122			SSV-2 20260122			AI-2 20260122			SSV-3 20260122			AI-3 20260122			SSV-4 20260122			AI-4 20260122			SSV-5 20260122			AI-5 20260122		
Analyte	CAS RN	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6		ND< 1.1	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.97	ug/m3	U	ND< 0.52	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.50	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	ug/m3	ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.94	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.82	ug/m3	U	ND< 0.40	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	ND< 1.1	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.97	ug/m3	U	ND< 0.52	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.50	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1		ND< 1.2	ug/m3	U	ND< 0.63	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.59	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.58	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.56	ug/m3	U
1,1,2-Trichloroethane	79-00-5	ug/m3	ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.94	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.82	ug/m3	U	ND< 0.40	ug/m3	U
1,1-Dichloroethane	75-34-3	ug/m3	ND< 0.62	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.29	ug/m3	U
1,1-Dichloroethene	75-35-4	ug/m3	ND< 0.30	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.14	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	ND< 57	ug/m3	U	ND< 30	ug/m3	U	ND< 58	ug/m3	U	ND< 30	ug/m3	U	ND< 64	ug/m3	U	ND< 29	ug/m3	U	ND< 52	ug/m3	U	ND< 28	ug/m3	U	ND< 56	ug/m3	U	ND< 27	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	7.8	ug/m3		0.60	ug/m3		6.8	ug/m3		0.91	ug/m3		8.8	ug/m3		0.69	ug/m3		7.1	ug/m3		0.41	ug/m3		8.1	ug/m3		0.36	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	ND< 1.2	ug/m3	U	ND< 0.63	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.60	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.58	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.56	ug/m3	U
1,2-Dichlorobenzene	95-50-1	ug/m3	ND< 0.92	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.48	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.90	ug/m3	U	ND< 0.44	ug/m3	U
1,2-Dichloroethane	107-06-2	ug/m3	ND< 0.62	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.29	ug/m3	U
1,2-Dichloropropane	78-87-5	ug/m3	ND< 0.71	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.72	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.34	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	ND< 1.1	ug/m3	U	ND< 0.57	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.53	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.51	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	2.0	ug/m3		ND< 0.40	ug/m3	U	1.8	ug/m3		ND< 0.40	ug/m3	U	2.2	ug/m3		ND< 0.38	ug/m3	U	1.9	ug/m3		ND< 0.37	ug/m3	U	2.1	ug/m3		ND< 0.36	ug/m3	U
1,3-Butadiene	106-99-0		ND< 1.0	ug/m3	U	ND< 0.54	ug/m3	J	ND< 1.0	ug/m3	U	ND< 0.53	ug/m3	J	ND< 1.1	ug/m3	U	0.58	ug/m3		ND< 0.94	ug/m3	U	ND< 0.50	ug/m3	J	ND< 1.0	ug/m3	U	ND< 0.48	ug/m3	J
1,3-Dichlorobenzene	541-73-1	ug/m3	ND< 0.92	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.48	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.90	ug/m3	U	ND< 0.44	ug/m3	U
1,3-Dichloropropane	142-28-9		ND< 0.71	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.72	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.34	ug/m3	U
1,4-Dichlorobenzene	106-46-7	ug/m3	ND< 0.92	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.48	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.90	ug/m3	U	ND< 0.44	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1		ND< 2.8	ug/m3	U	ND< 1.5	ug/m3	U	ND< 2.8	ug/m3	U	ND< 1.5	ug/m3	U	ND< 3.1	ug/m3	U	ND< 1.4	ug/m3	U	ND< 2.5	ug/m3	U	ND< 1.4	ug/m3	U	ND< 2.7	ug/m3	U	ND< 1.3	ug/m3	U
2,2,4-Trimethylpentane	540-84-1		2.1	ug/m3		1.1	ug/m3		3.2	ug/m3		3.2	ug/m3		5.0	ug/m3		2.3	ug/m3		13	ug/m3		0.78	ug/m3		8.8	ug/m3		0.51	ug/m3	
2-Hexanone	591-78-6	ug/m3	ND< 1.3	ug/m3	J	ND< 0.67	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.66	ug/m3	U	ND< 1.4	ug/m3	J	ND< 0.63	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.59	ug/m3	U
4-Ethyltoluene	622-96-8	ug/m3	6.1	ug/m3		0.52	ug/m3		5.5	ug/m3		0.79	ug/m3		7.1	ug/m3		0.57	ug/m3		6.0	ug/m3		ND< 0.37	ug/m3	U	6.7	ug/m3		ND< 0.36	ug/m3	U
Acetone	67-64-1	ug/m3	ND< 18	ug/m3	J	43	ug/m3		24	ug/m3		51	ug/m3		350	ug/m3		22	ug/m3		85	ug/m3		14	ug/m3		ND< 18	ug/m3	J	11	ug/m3	
Acrolein	107-02-8		ND< 0.35	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.17	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.17	ug/m3	U
Acrylonitrile	107-13-1		ND< 17	ug/m3	U	ND< 8.9	ug/m3	U	ND< 17	ug/m3	U	ND< 8.7	ug/m3	U	ND< 19	ug/m3	J	ND< 8.4	ug/m3	U	ND< 15	ug/m3	U	ND< 8.2	ug/m3	U	ND< 16	ug/m3	U	ND< 7.9	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1		ND< 2.4	ug/m3	U	ND< 1.3	ug/m3	U	ND< 2.4	ug/m3	U	ND< 1.3	ug/m3	U	ND< 2.7	ug/m3	U	ND< 1.2	ug/m3	U	ND< 2.2	ug/m3	U	ND< 1.2	ug/m3	U	ND< 2.4	ug/m3	U	ND< 1.1	ug/m3	U
Benzene	71-43-2	ug/m3	1.2	ug/m3		0.99	ug/m3		1.2	ug/m3		1.4	ug/m3		1.8	ug/m3		1.3	ug/m3		3.7	ug/m3		0.90	ug/m3		1.5	ug/m3		0.81	ug/m3	
Benzyl Chloride	100-44-7		ND< 20	ug/m3	U	ND< 11	ug/m3	U	ND< 20	ug/m3	U	ND< 10	ug/m3	U	ND< 22	ug/m3	U	ND< 10	ug/m3	U	ND< 18	ug/m3	U	ND< 9.8	ug/m3	U	ND< 19	ug/m3	U	ND< 9.4	ug/m3	U
Bromodichloromethane	75-27-4		ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.54	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.49	ug/m3	U
Bromoform	75-25-2		ND< 1.6	ug/m3	U	ND< 0.85	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.83	ug/m3	U	ND< 1.8	ug/m3	U	ND< 0.80	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.78	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.75	ug/m3	U
Bromomethane	74-83-9	ug/m3	ND< 0.59	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.55	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.28	ug/m3	U
Carbon Disulfide	75-15-0		1.4	ug/m3		ND< 0.25	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.25	ug/m3	U	1.1	ug/m3		ND< 0.24	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.24	ug/m3	U	1.9	ug/m3		ND< 0.23	ug/m3	U
Carbon Tetrachloride	56-23-5	ug/m3	0.67	ug/m3		0.57	ug/m3		0.98	ug/m3		1.1	ug/m3		1.5	ug/m3		0.98	ug/m3		3.8	ug/m3		0.48	ug/m3		0.95	ug/m3		0.41	ug/m3	
Chlorobenzene	108-90-7	ug/m3	ND< 0.70	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.71	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.33	ug/m3	U
Chloroethane	75-00-3	ug/m3	ND< 0.40	ug/m3	U	ND< 0.22	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.21	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.19	ug/m3	U
Chloroform	67-66-3	ug/m3	ND< 0.75	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.76	ug/m3	U	ND< 0.39	ug/m3	U	3.6	ug/m3		0.38	ug/m3		1.3	ug/m3		ND< 0.37	ug/m3	U	2.1	ug/m3		ND< 0.35	ug/m3	U
Chloromethane	74-87-3	ug/m3	ND< 0.32	ug/m3	U	1.3	ug/m3		ND< 0.32	ug/m3	U	1.2	ug/m3		ND< 0.36	ug/m3	U	1.2	ug/m3		0.52	ug/m3		1.2	ug/m3		ND< 0.31	ug/m3	U	1.2	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	ug/m3	ND< 0.30	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.14	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	ND< 0.69	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.33	ug/m3	U
Cyclohexane	110-82-7	ug/m3	0.79	ug/m3		0.31	ug/m3		1.1	ug/m3		0.86	ug/m3		1.5	ug/m3		0.64	ug/m3		3.5	ug/m3		ND< 0.26	ug/m3	U	1.2	ug/m3		ND< 0.25	ug/m3	U
Cymene	99-87-6		ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.40	ug/m3	U
Dibromochloromethane	124-48-1		ND< 1.3	ug/m3	U	ND< 0.70	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.69	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.66	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.65	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.62	ug/m3	U
Dichlorodifluoromethane	75-71-8	ug/m3	1.9	ug/m3		1.6	ug/m3		1.9	ug/m3		1.6	ug/m3		2.0	ug/m3		1.7	ug/m3		2.1	ug/m3		1.7	ug/m3		1.9	ug/m3		1.8	ug/m3	
Ethyl Acetate	141-78-6		ND< 28	ug/m3	J	ND< 15	ug/m3	J	ND< 28	ug/m3	J	ND< 15	ug/m3	J	ND< 31	ug/m3	J	ND< 14	ug/m3	J	47	ug/m3		ND< 14	ug/m3	J	ND< 27	ug/m3	J	ND< 13	ug/m3	J
Ethylbenzene	100-41-4	ug/m3	4.7	ug/m3		0.75	ug/m3		4.9	ug/m3		1.2	ug/m3		6.8	ug/m3		0.71	ug/m3		6.5	ug/m3		0.36	ug/m3		5.6	ug/m3		ND< 0.32	ug/m3	U
Hexachlorobutadiene	87-68-3	ug/m3	ND< 1.6	ug/m3	U	ND< 0.87	ug/m3	U	ND< 1.7	ug/m3	U	ND< 0.86	ug/m3	U	ND< 1.8	ug/m3	U	ND< 0.83	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.81	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.77	ug/m3	U
Isopropanol	67-63-0		4.4	ug/m3		22	ug/m3		2.6	ug/m3		18	ug/m3		7.5	ug/m3		6.5	ug/m3		5.4	ug/m3		2.2	ug/m3		ND< 2.2	ug/m3	J	1.9	ug/m3	
Isopropylbenzene (Cumene)	98-82-8		ND< 0.75	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.76	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.74	ug/m3	U	ND< 0.36	ug/m3	U
m,p-Xylene	179601-23-1		19	ug/m3		2.1	ug/m3		20	ug/m3		3.8	ug/m3		27	ug/m3		2.2	ug/m3		24	ug/m3		1.0	ug/m3		23	ug/m3		0.82	ug/m3	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	ND< 23	ug/m3	J	ND< 12	ug/m3	J	ND< 23	ug/m3	J	ND< 12	ug/m3	J	ND< 26	ug/m3	J	ND< 11	ug/m3	J	ND< 21	ug/m3	J	ND< 11	ug/m3	J	ND< 22	ug/m3	J	ND< 11	ug/m3	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/m3	ND< 0.63	ug/m3	U	1.1	ug/m3		ND< 0.64	ug/m3	U	1.7	ug/m3		3.0	ug/m3		ND< 0.32	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.30	ug/m3	U
Methyl Methacrylate	80-62-6		ND< 0.63	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.71	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.30	ug/m3	U
Methylene Chloride	75-09-2	ug/m3	ND< 3.2	ug/m3	U	ND< 1.7	ug/m3	J	ND< 3.2	ug/m3	U	ND< 1.7	ug/m3	J	ND< 3.6	ug/m3	U	ND< 1.6	ug/m3	J	ND< 2.9	ug/m3	U	ND< 1.6	ug/m3	J	ND< 3.1	ug/m3	U	ND< 1.5	ug/m3	J
Naphthalene	91-20-3		ND< 8.0	ug/m3	U	ND< 4.3	ug/m3	U	ND< 8.1	ug/m3	U	ND< 4.2	ug/m3	U	ND< 9.1	ug/m3	U	ND< 4.1	ug/m3	U	ND< 7.4	ug/m3	U	ND< 4.0	ug/m3	U	ND< 7.9	ug/m3	U	ND< 3.8	ug/m3	U
N-Butylbenzene	104-51-8		ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.40	ug/m3	U
N-Heptane	142-82-5	ug/m3	1.7	ug/m3		6.1	ug/m3		2.0	ug/m3		4.6	ug/m3		2.9	ug/m3		2.4	ug/m3		9.5	ug/m3		1.0	ug/m3		2.3	ug/m3		0.89	ug/m3	
N-Hexane	110-54-3	ug/m3	5.3	ug/m3		2.2	ug/m3		8.9	ug/m3		9.0	ug/m3		16	ug/m3		6.5	ug/m3		42	ug/m3		1.6	ug/m3		12	ug/m3		0.87	ug/m3	
N-Propylbenzene	103-65-1		1.4	ug/m3		ND< 0.40	ug/m3	U	1.2	ug/m3		ND< 0.40	ug/m3	U	1.6	ug/m3		ND< 0.38	ug/m3	U	1.4	ug/m3		ND< 0.37	ug/m3	U	1.5	ug/m3		ND< 0.36	ug/m3	U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	6.8	ug/m3		0.85	ug/m3		7.0	ug/m3		1.4	ug/m3		9.5	ug/m3		0.84	ug/m3		8.5	ug/m3		0.43	ug/m3		8.0	ug/m3		0.32	ug/m3	
Propylene	115-07-1		1.1	ug/m3		1.4	ug/m3		ND< 0.27	ug/m3	U	1.4	ug/m3		1.8	ug/m3		2.5	ug/m3		4.5	ug/m3		1.8	ug/m3		ND< 0.26	ug/m3	U	1.7	ug/m3	
Sec-Butylbenzene	135-98-8		ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.40	ug/m3	U
Styrene	100-42-5	ug/m3	ND< 0.65	ug/m3	U	0.84	ug/m3		ND< 0.66	ug/m3	U	0.79	ug/m3		ND< 0.74	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.31	ug/m3	U
T-Butylbenzene	98-06-6		ND< 0.84	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.85	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.40	ug/m3	U
Tert-Butyl Methyl Ether	1634-04-4	ug/m3	ND< 0.55	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.51	ug/m3	U	ND< 0.27	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.26	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	ug/m3	ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	J	ND< 1.1	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.96	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.49	ug/m3	U
Tetrahydrofuran	109-99-9	ug/m3	ND< 0.90	ug/m3	U	ND< 0.48	ug/m3	U	1.6	ug/m3		ND< 0.48	ug/m3	U	2.9	ug/m3		1.8	ug/m3		ND< 0.83	ug/m3	U	0.85	ug/m3		2.1	ug/m3		0.81	ug/m3	
Toluene	108-88-3	ug/m3	13	ug/m3		7.0	ug/m3		15	ug/m3		7.9	ug/m3		21	ug/m3		4.8	ug/m3		25	ug/m3		2.1	ug/m3		17	ug/m3		1.6	ug/m3	
Trans-1,2-Dichloroethene	156-60-5		ND< 0.61	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.29	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	ND< 0.69	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.33	ug/m3	U
Trichloroethylene (TCE)	79-01-6	ug/m3	ND< 0.25	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.24	ug/m3	U	ND< 0.12	ug/m3	U
Trichlorofluoromethane	75-69-4		1.0	ug/m3		1.0	ug/m3		0.96	ug/m3		1.0	ug/m3		0.97	ug/m3		1.0	ug/m3		1.1	ug/m3		0.98	ug/m3		1.0	ug/m3		1.0	ug/m3	
Vinyl Acetate	108-05-4		ND< 0.54	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.55	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.27	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.27	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.26	ug/m3	U
Vinyl Bromide	593-60-2		ND< 0.67	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.76	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.32	ug/m3	U
Vinyl Chloride	75-01-4	ug/m3	ND< 0.20	ug/m3	U	ND< 0.10	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.10	ug/m3	U	ND< 0.22	ug/m3	U	ND< 0.099	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.097	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.093	ug/m3	U
Xylenes	1330-20-7		26	ug/m3		3.0	ug/m3		27	ug/m3		5.2	ug/m3		36	ug/m3		3.0	ug/m3		33	ug/m3		1.4	ug/m3		31	ug/m3		1.1	ug/m3	

Notes:
Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion
in the State of New York - 2017 & 2024 Revised Decision Matrices A, B, C, D, E, & F;
Green shading indicates "No Further Action";
NE = No standard established;
ND and U = Not detected at Method Detection Limit for sample; &
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit.

APPENDIX A

SOIL VAPOR SAMPLING LOG

VAPOR SAMPLING LOG

Project Name/Address: 33 East Main Street, Village of Pawling, Dutchess County, New York

PVEDI Project #: 20240302

Sampler(s): AJS/AER

Weather: 41°F, partly cloudy; SW winds 5-10

NOTES: _____

KEY

Location Type:
(A) Sub-slab
(B) Soil vapor probe, pre-fabricated (N/A)
(C) Soil vapor probe, field constructed (Describe: N/A)
(D) Ambient Air

Sampling Method:
(A) 1-L summa canister
(B) 6-L summa canister
(C) Other: _____

Purge Method:
(A) Peristaltic pump set to a flow rate .:0.2 L/min
(B) PID set to a flow rate .:0.2 L/min
(C) Other: _____

Apparent Moisture Content of Sampling Zone:
(A) Dry
(B) Moist
(C) Saturated

Sample ID	Location Type	Apparent Moisture	Sample Depth	Helium Tracer Test	Sampling Method	Purge Method	Purge Volume	Sample Start Date/Time	Sample End Date/Time	Canister ID	Regulator ID	Canister start vacuum	Canister end vacuum
SSV-1 20250326	A	A	8" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	01/22/2026 08:51	01/22/2026 17:13	20942	17988	-30"	-4"
AI-1 20250326	D	A	N/A	N/A	B	N/A	N/A	01/22/2026 08:51	01/22/2026 17:13	49565	22303	-30"	-4"
SSV-2 20250326	A	A	8" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	01/22/2026 08:48	01/22/2026 16:17	18304	17895	-29"	-3"
AI-2 20250326	D	A	N/A	N/A	B	N/A	N/A	01/22/2026 08:48	01/22/2026 16:09	48313	22309	-29"	-3"
SSV-3 20250326	A	A	8"	PASS	B	MultiRAE gas detector	1-3 volumes	01/22/2026 07:59	01/22/2026 17:04	48314	22304	-30"	-7"
AI-3 20250326	D	A	N/A	N/A	B	N/A	N/A	01/22/2026 07:59	01/22/2026 15:54	48302	19420	-27"	-2"
SSV-4 20250326	A	A	8"	PASS	B	MultiRAE gas detector	1-3 volumes	01/22/2026 08:06	01/22/2026 15:50	43003	20436	-30"	-3"
AI-4 20250326	D	A	N/A	N/A	B	N/A	N/A	01/22/2026 08:06	01/22/2026 16:22	43002	19401	-30"	-3"

SSV-5 20250326	A	A	8”	PASS	B	MultiRAE gas detector	1-3 volumes	01/22/2026 08:03	01/22/2026 16:02	41932	20950	-30”	-3”
AI-5 20250326	D	A	N/A	N/A	B	N/A	N/A	01/22/2026 08:03	01/22/2026 17:08	18308	21020	-30+”	-4”

Analytical Laboratory: ALS Global Date Shipped to Lab: January 23, 2026 Delivery Service: __FedEx __UPS X Courier

APPENDIX B

NYSDOH INDOOR AIR QUALITY QUESSTIONAIRE BUILDING INVENTORY CENTER FOR ENVIRONMENTAL HEALTH FORM AND PHOTOLOG

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Anthony Spadavecchia Date/Time Prepared 1/22/2026 13:00

Preparer's Affiliation PVEDI, DPC Phone No. 845-454-2544

Purpose of Investigation Vapor Intrustion Investigation

1. OCCUPANT:

Interviewed: No

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Yes

Last Name: Tomassetti First Name: Diana

Address: 85 Charles Colman Blvd., Pawling, NY 12564

County: Dutchess

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	(Apartment House)	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? Four units on 2nd, 3rd and 4th floors

If the property is commercial, type?

Business Type(s) Toy store (eastern section); Insurance (western section)

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 4 Building age_____

Is the building insulated? Yes How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Outdoor air enters at three (3) northern doorway openings; and one (1) south doorway opening.

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy partially
i. The basement is:	finished	unfinished	finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

One (1) square (approximately 12" x 12") was previously cut into the concrete floor, located in the west and east basements.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? N / A

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

N/A.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (Seldom) Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage
1st Floor	Commercial
2nd Floor	Residential
3rd Floor	Residential
4th Floor	Residential

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?		No
b. Does the garage have a separate heating unit?		NA
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)		NA Please specify_____
d. Has the building ever had a fire?		No When?_____
e. Is a kerosene or unvented gas space heater present?		No Where? _____
f. Is there a workshop or hobby/craft area?	No	Where & Type? _____
g. Is there smoking in the building?	No	How frequently? _____
h. Have cleaning products been used recently?	No	When & Type? _____
i. Have cosmetic products been used recently?	No	When & Type? _____

j. Has painting/staining been done in the last 6 months? No Where & When? _____

k. Is there new carpet, drapes or other textiles? No Where & When? _____

l. Have air fresheners been used recently? No When & Type? _____

m. Is there a kitchen exhaust fan? N/A If yes, where vented?_____

n. Is there a bathroom exhaust fan? N/A If yes, where vented?_____

o. Is there a clothes dryer? N / A If yes, is it vented outside? Y / N

p. Has there been a pesticide application? No When & Type?_____

Are there odors in the building? No
If yes, please describe: _____

Do any of the building occupants use solvents at work? N / A
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Yes Date of Installation: unknown
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

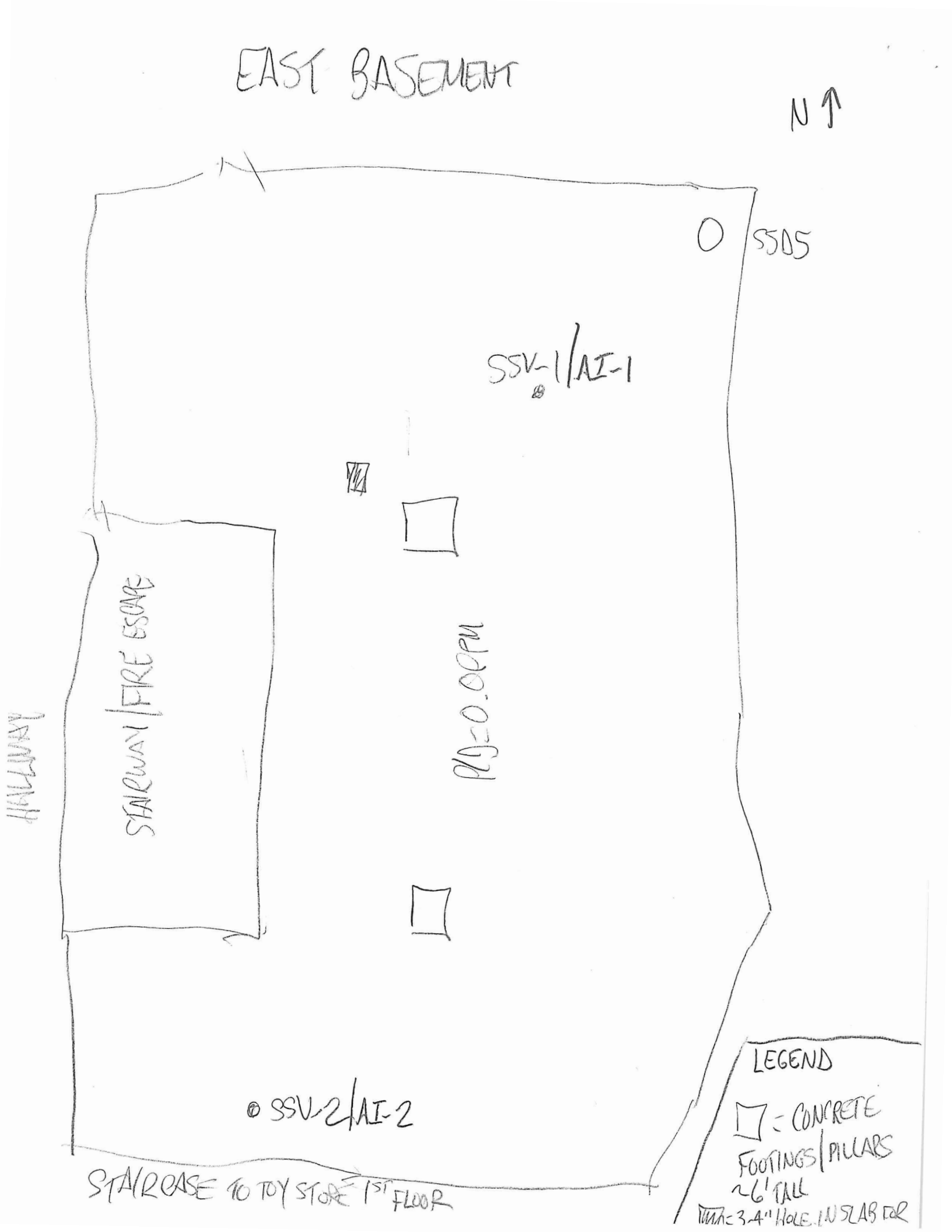
10. RELOCATION INFORMATION (for oil spill residential emergency)

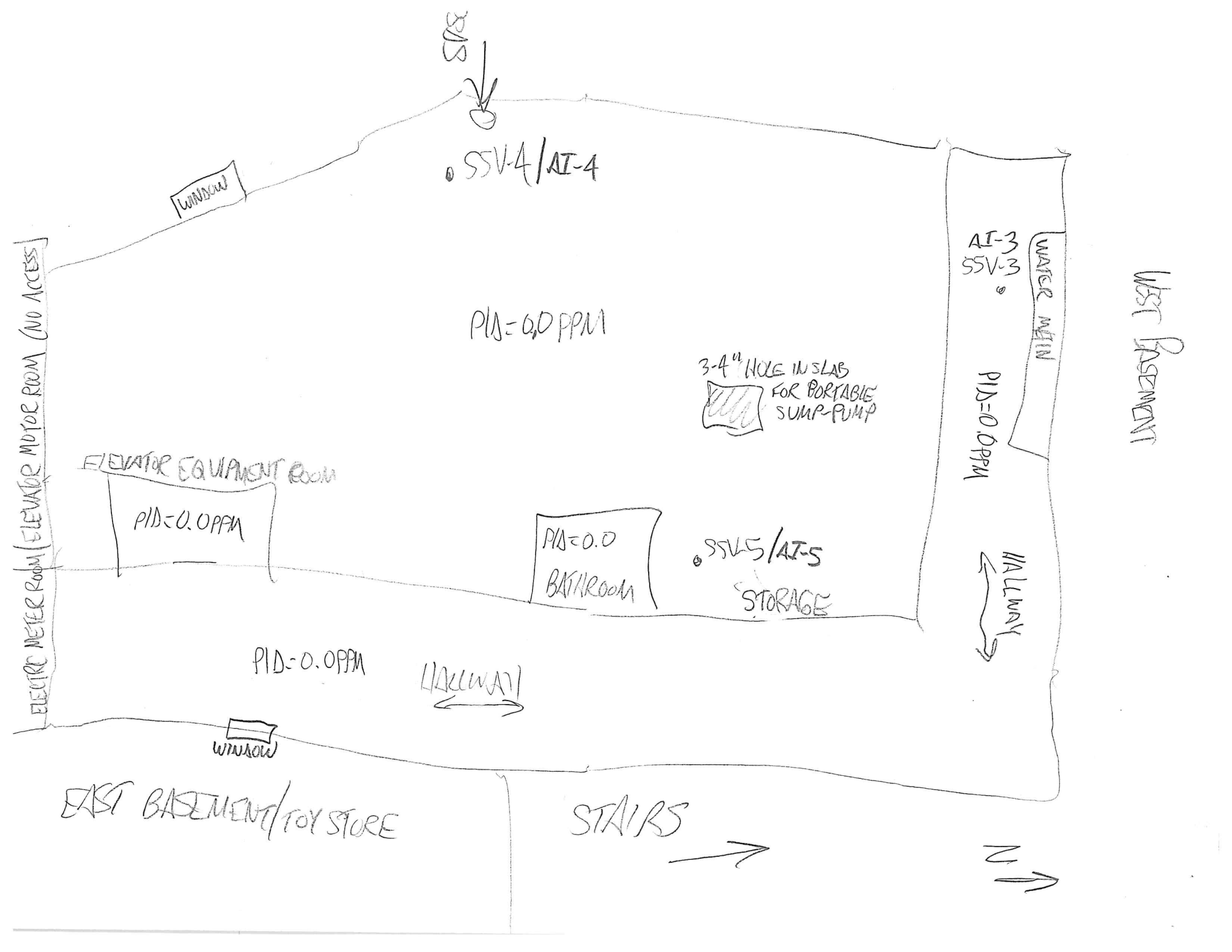
a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N


EAST BASEMENT
N
SSD5
SSV-1/AI-1
STAIRWAY/FIRE ESCAPE
HALLWAY
PID=0.0PPM
SSV-2/AI-2
STAIRCASE TO TOY STORE 1ST FLOOR
LEGEND
= CONCRETE FOOTINGS/PILLARS ~6' TALL
= 3-4" HOLE IN SLAB FOR


SSV-4/AI-4
WINDOW
PID=0.0 PPM
3-4" HOLE IN SLAB FOR PORTABLE SUMP-PUMP
AI-3
SSV-3
WATER MAIN
PID=0.0PPM
WEST BASEMENT
ELECTRIC METER ROOM (ELEVATOR MOTOR ROOM (NO ACCESS
ELEVATOR EQUIPMENT ROOM
PID=0.0PPM
PID=0.0
BATHROOM
SSV-5/AI-5
STORAGE
HALLWAY
PID=0.0PPM
HALLWAY
WINDOW
EAST BASEMENT/TOY STORE
STAIRS
N

13. Product Inventory Form

Make & Model of field instrument used: Multi RAE Light

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo (Y/N)**
West Basement	Acetone	1 Quart (1)	U	See Photo	0.0 ppm	Y
West Basement	GOJO	1 Quart (1)	U	See Photo	0.0 ppm	Y
West Basement	Paint	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Mineral Spirits	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Rapid Cure	5 Gallons (10)	U	See Photo	0.0 ppm	Y
West Basement	Penetrol	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Semi-Gloss Finish	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Stain Block	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Kitchen/Bath Paint	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	AW-32 Hydraulic Fluid	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Super Sec Paint Base	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Diesel	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	ProMar 200	1 Gallon (2)	U	See Photo	0.0 ppm	Y
West Basement	ProMar 400	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Polyeurathane	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Plus3	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Perfect Stainless	22 fluid ounces (1)	U	See Photo	0.0 ppm	Y
West Basement	Total Home	32 ounces (1)	U	See Photo	0.0 ppm	Y

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

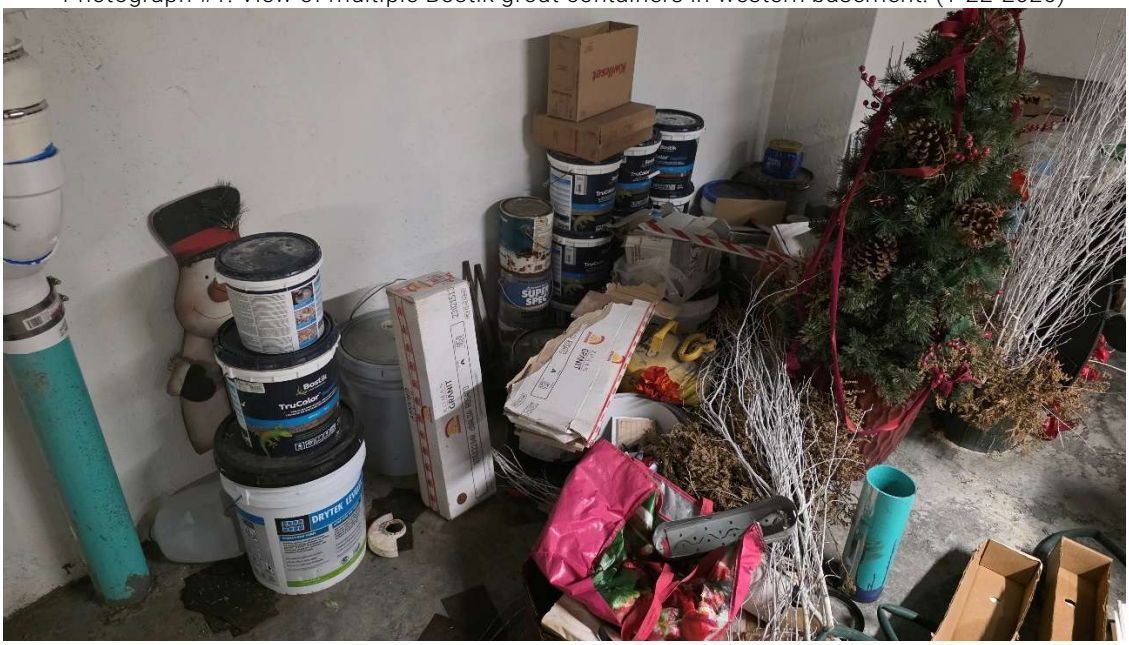
**Photographs of the front and back of the product containerscan replace the handwritten list of chemical ingredients. However, the photographs must be good quality and ingredient labels must be legible.

PVEDI
A Stratus Team Company

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #1: View of multiple Bostik grout containers in western basement. (1-22-2026)



Photograph #2: View of Bostik grout container in western basement. (1-22-2026)

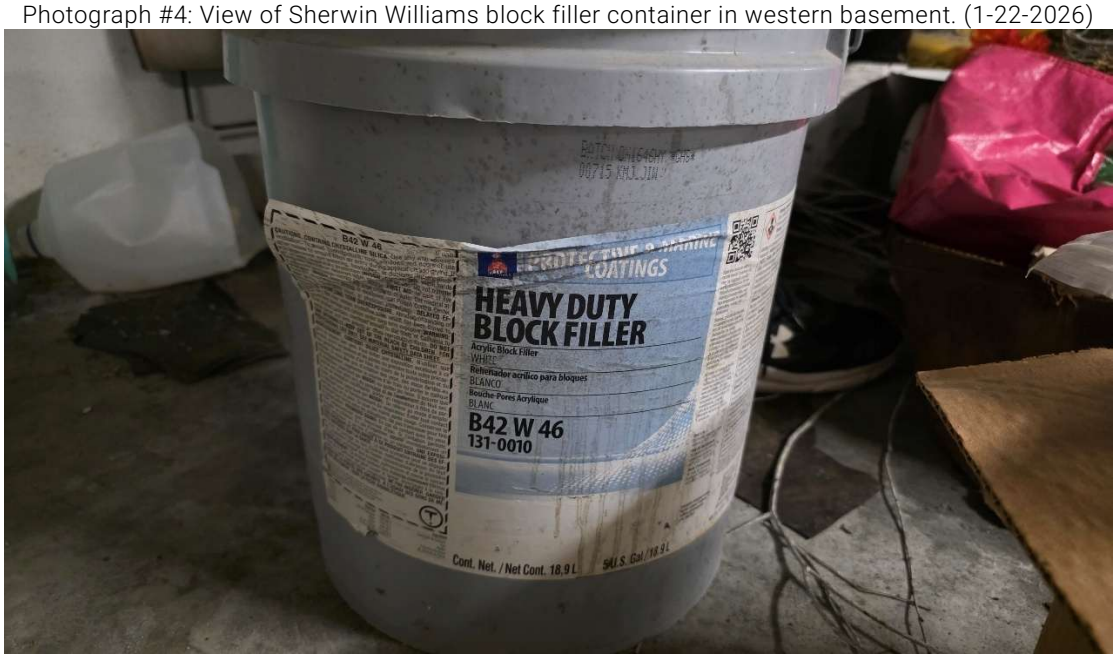
By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #3: View of Drytek Levelex primer container in western basement. (1-22-2026)

Photograph #4: View of Sherwin Williams block filler container in western basement. (1-22-2026)



By:	Aaron Rubinstein and Anthony Spadavecchia
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PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #5: View of Sherwin Williams mineral spirits container in western basement. (1-22-2026)

Photograph #6: View of Penetrol paint container in western basement. (1-22-2026)

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #7: View of Eagle diesel can in western basement. (1-22-2026)

Photograph #8: View of Benjamin Moore paint container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

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PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #9: View of Benjamin Moore paint container in western basement. (1-22-2026)

Photograph #10: View of Benjamin Moore paint container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #11: View of Benjamin Moore paint container in western basement. (1-22-2026)

Photograph #12: View of Vantage Power hydraulic fluid container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #13: View of Sherwin Williams paint container in western basement. (1-22-2026)

Photograph #14: View of Sherwin Williams paint container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #15: View of Total Home container in western basement. (1-22-2026)

Photograph #16: View of Rustoleum paint container in western basement. (1-22-2026)

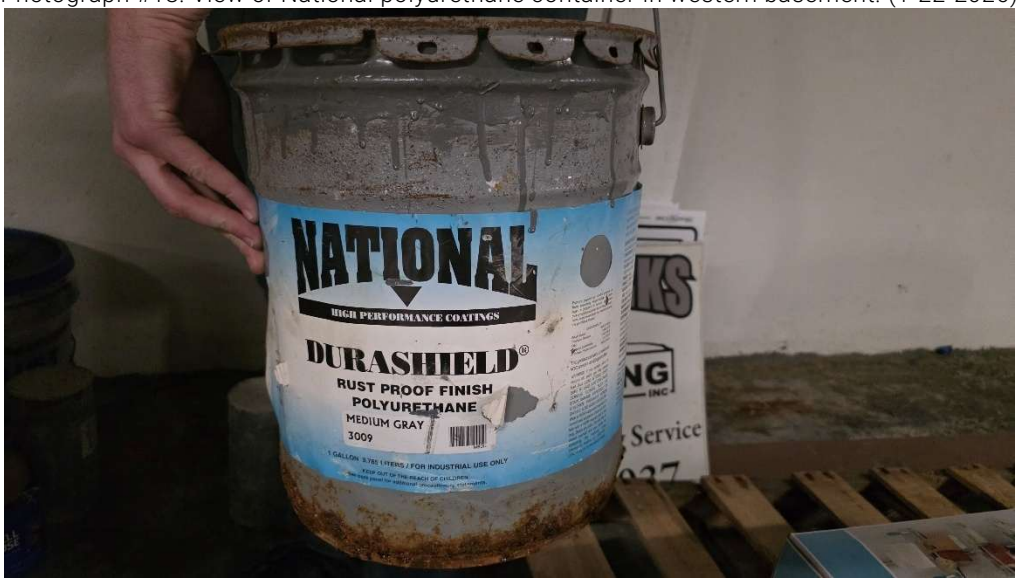
By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #17: View of Benjamin Moore paint container in western basement. (1-22-2026)

Photograph #18: View of National polyurethane container in western basement. (1-22-2026)

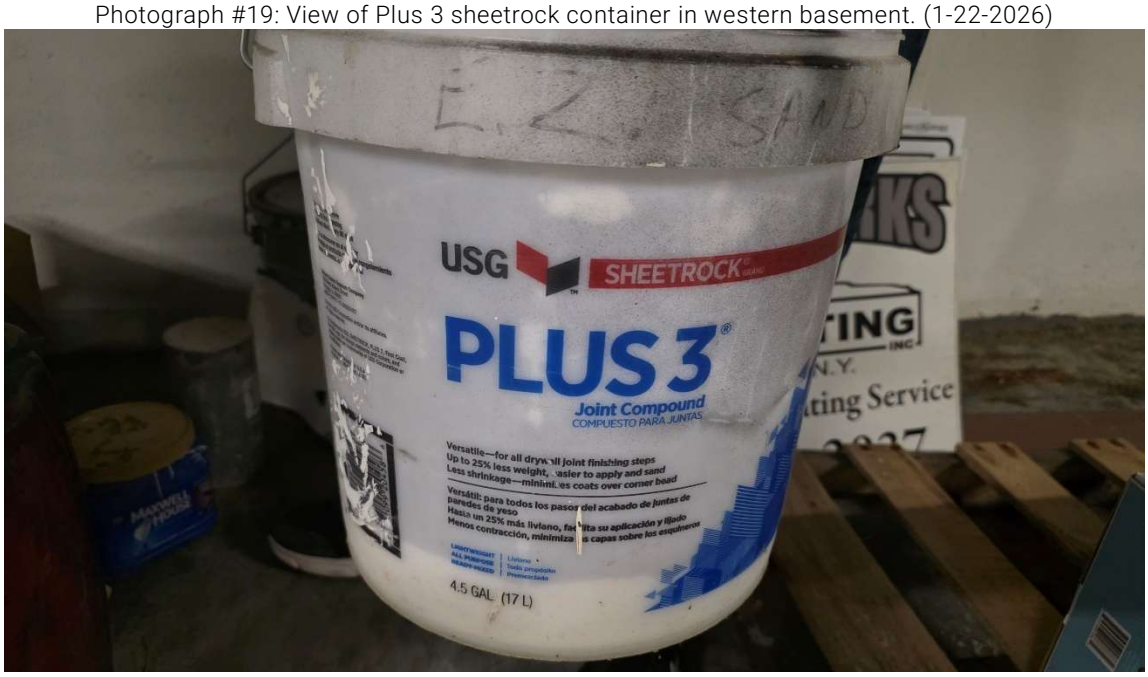


By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #19: View of Plus 3 sheetrock container in western basement. (1-22-2026)



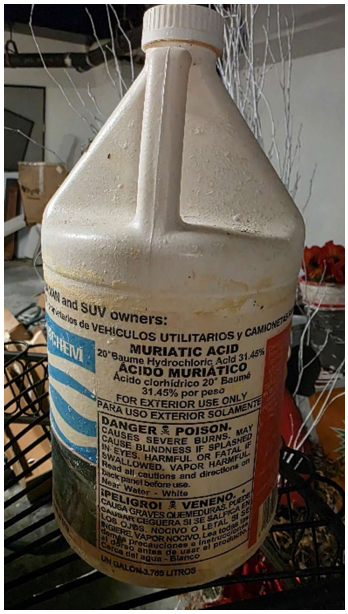
Photograph #20: View of Benjamin Moore paint container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #21: View of muriatic acid container in western basement. (1-22-2026)

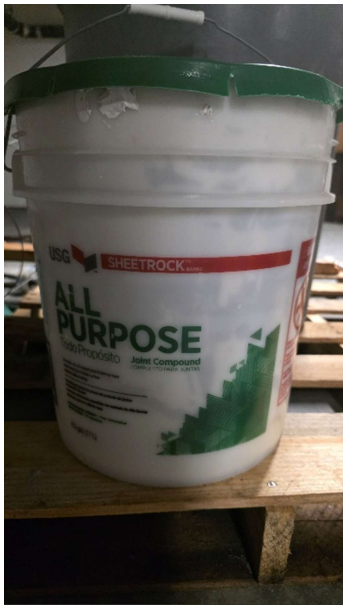


Photograph #22: View of Sherwin Williams paint container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #23: View of USG sheetrock container in western basement. (1-22-2026)

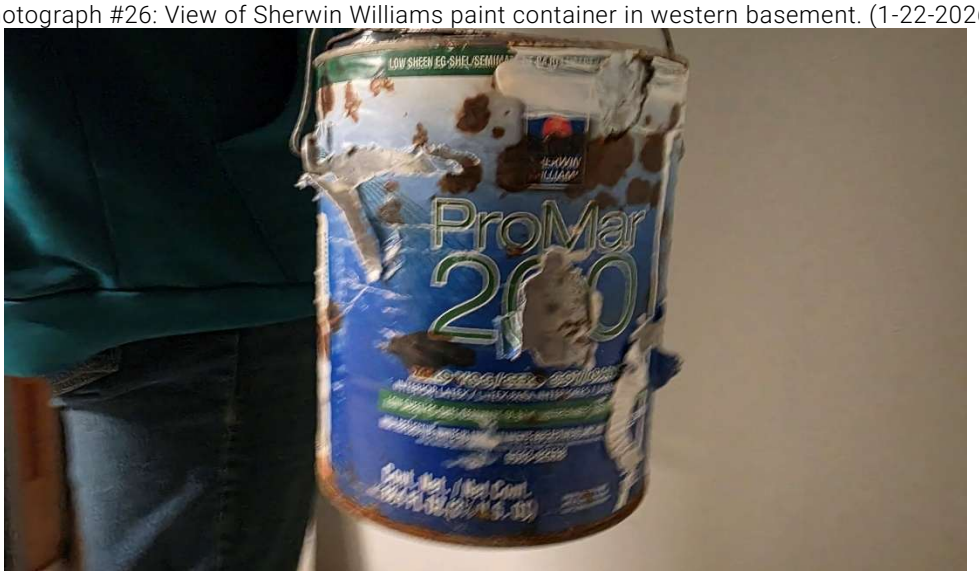


Photograph #24: View of Klean Strip acetone container in western basement. (1-22-2026)

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #25: View of Gojo cleaner container in western basement. (1-22-2026)

Photograph #26: View of Sherwin Williams paint container in western basement. (1-22-2026)



PVEDI
A Stratus Team Company

PHOTO LOG

PROJECT No.	20240302	CLIENT	
PROJECT NAME	33 East Main Street	Main Street Pawling, LLC	
LOCATION	33 East Main Street, Pawling, NY	85 Charles Colman Boulevard	
NYSDEC SITE	#C314116	Pawling, New York	

Photograph #27: View of Hope's polish container in western basement. (1-22-2026)

By:	Aaron Rubinstein and Anthony Spadavecchia
	PVEDI Engineering, Architecture and Geology, DPC

PVEDI
A Stratus Team Company

APPENDIX C

ANALYTICAL REPORT

Technical Report

prepared for:

PVE, LLC. (Poughkeepsie)
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 06/09/2026
Client Project ID: 33 East Main Street Pawling, NY
Project (SDG) No.: 26A1103

Revision No. 1.0

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 06/09/2026
Client Project ID: 33 East Main Street Pawling, NY
Project (SDG) No.: 26A1103

PVE, LLC. (Poughkeepsie)
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 23, 2026 and listed below. The project was identified as your project: **33 East Main Street Pawling, NY**.

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

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

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

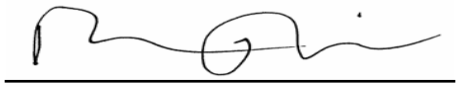
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26A1103-01	SSV-1 20260122	Soil Vapor	01/22/2026	01/23/2026
26A1103-02	AI-1 20260122	Indoor Ambient Air	01/22/2026	01/23/2026
26A1103-03	SSV-2 20260122	Soil Vapor	01/22/2026	01/23/2026
26A1103-04	AI-2 20260122	Indoor Ambient Air	01/22/2026	01/23/2026
26A1103-05	SSV-3 20260122	Soil Vapor	01/22/2026	01/23/2026
26A1103-06	AI-3 20260122	Indoor Ambient Air	01/22/2026	01/23/2026
26A1103-07	SSV-4 20260122	Soil Vapor	01/22/2026	01/23/2026
26A1103-08	AI-4 20260122	Indoor Ambient Air	01/22/2026	01/23/2026
26A1103-09	SSV-5 20260122	Soil Vapor	01/22/2026	01/23/2026
26A1103-10	AI-5 20260122	Indoor Ambient Air	01/22/2026	01/23/2026

General Notes for Project (SDG) No.: 26A1103

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

Approved By: 

Dr. Pejman Ghaemi
Lead Technical Director - Queens

Date: 06/09/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26A1103-01 - SSV-1 20260122								
1,2,4-Trimethylbenzene	7.8		D	0.25	0.75	ug/m³	EPA TO-15	01/30/26 22:12
1,3,5-Trimethylbenzene	2.0		D	0.12	0.75	ug/m³	EPA TO-15	01/30/26 22:12
* ^2,2,4-Trimethylpentane	2.1		D	0.36	0.36	ug/m³	EPA TO-15	01/30/26 22:12
Benzene	1.2		D	0.18	0.49	ug/m³	EPA TO-15	01/30/26 22:12
Carbon disulfide	1.4		D	0.12	0.48	ug/m³	EPA TO-15	01/30/26 22:12
Carbon tetrachloride	0.67		D	0.29	0.29	ug/m³	EPA TO-15	01/30/26 22:12
Cyclohexane	0.79		D	0.37	0.53	ug/m³	EPA TO-15	01/30/26 22:12
Dichlorodifluoromethane	1.9		D	0.42	0.76	ug/m³	EPA TO-15	01/30/26 22:12
Ethyl Benzene	4.7		D	0.22	0.66	ug/m³	EPA TO-15	01/30/26 22:12
Isopropanol	4.4		D	0.090	2.3	ug/m³	EPA TO-15	01/30/26 22:12
n-Heptane	1.7		D	0.24	0.63	ug/m³	EPA TO-15	01/30/26 22:12
n-Hexane	5.3		D	0.17	0.54	ug/m³	EPA TO-15	01/30/26 22:12
* n-Propylbenzene	1.4		D	0.20	0.75	ug/m³	EPA TO-15	01/30/26 22:12
o-Xylene	6.8		D	0.23	0.66	ug/m³	EPA TO-15	01/30/26 22:12
p- & m- Xylenes	19	A-01	D	0.34	1.3	ug/m³	EPA TO-15	01/30/26 22:12
* p-Ethyltoluene	6.1		D	0.26	0.75	ug/m³	EPA TO-15	01/30/26 22:12
* Propylene	1.1		D	0.15	0.26	ug/m³	EPA TO-15	01/30/26 22:12
Toluene	13		D	0.23	0.58	ug/m³	EPA TO-15	01/30/26 22:12
Trichlorofluoromethane (Freon 11)	1.0		D	0.31	0.86	ug/m³	EPA TO-15	01/30/26 22:12
Xylenes, Total	26		D	0.55	2.0	ug/m³	EPA TO-15	01/30/26 22:12
26A1103-02 - AI-1 20260122								
1,2,4-Trimethylbenzene	0.60		D	0.14	0.40	ug/m³	EPA TO-15	01/31/26 0:16
* ^2,2,4-Trimethylpentane	1.1		D	0.19	0.19	ug/m³	EPA TO-15	01/31/26 0:16
4-Methyl-2-pentanone	1.1		D	0.15	0.34	ug/m³	EPA TO-15	01/31/26 0:16
Acetone	43		D	1.0	9.7	ug/m³	EPA TO-15	01/31/26 0:16
Benzene	0.99		D	0.094	0.26	ug/m³	EPA TO-15	01/31/26 0:16
Carbon tetrachloride	0.57		D	0.15	0.15	ug/m³	EPA TO-15	01/31/26 0:16
Chloromethane	1.3		D	0.12	0.17	ug/m³	EPA TO-15	01/31/26 0:16
Cyclohexane	0.31		D	0.20	0.28	ug/m³	EPA TO-15	01/31/26 0:16
Dichlorodifluoromethane	1.6		D	0.23	0.40	ug/m³	EPA TO-15	01/31/26 0:16
Ethyl Benzene	0.75		D	0.12	0.36	ug/m³	EPA TO-15	01/31/26 0:16
Isopropanol	22		D	0.048	1.2	ug/m³	EPA TO-15	01/31/26 0:16
n-Heptane	6.1		D	0.13	0.34	ug/m³	EPA TO-15	01/31/26 0:16
n-Hexane	2.2		D	0.091	0.29	ug/m³	EPA TO-15	01/31/26 0:16
o-Xylene	0.85		D	0.12	0.36	ug/m³	EPA TO-15	01/31/26 0:16
p- & m- Xylenes	2.1	A-01	D	0.18	0.71	ug/m³	EPA TO-15	01/31/26 0:16
* p-Ethyltoluene	0.52		D	0.14	0.40	ug/m³	EPA TO-15	01/31/26 0:16
* Propylene	1.4		D	0.080	0.14	ug/m³	EPA TO-15	01/31/26 0:16
Styrene	0.84		D	0.11	0.35	ug/m³	EPA TO-15	01/31/26 0:16
Toluene	7.0		D	0.12	0.31	ug/m³	EPA TO-15	01/31/26 0:16
Trichlorofluoromethane (Freon 11)	1.0		D	0.17	0.46	ug/m³	EPA TO-15	01/31/26 0:16
Xylenes, Total	3.0		D	0.29	1.1	ug/m³	EPA TO-15	01/31/26 0:16
26A1103-03 - SSV-2 20260122								
1,2,4-Trimethylbenzene	6.8		D	0.26	0.76	ug/m³	EPA TO-15	01/31/26 1:01
1,3,5-Trimethylbenzene	1.8		D	0.12	0.76	ug/m³	EPA TO-15	01/31/26 1:01

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26A1103-03 - SSV-2 20260122								
* ^2,2,4-Trimethylpentane	3.2		D	0.36	0.36	ug/m³	EPA TO-15	01/31/26 1:01
Acetone	24		D	1.9	18	ug/m³	EPA TO-15	01/31/26 1:01
Benzene	1.2		D	0.18	0.50	ug/m³	EPA TO-15	01/31/26 1:01
Carbon tetrachloride	0.98		D	0.29	0.29	ug/m³	EPA TO-15	01/31/26 1:01
Cyclohexane	1.1		D	0.37	0.53	ug/m³	EPA TO-15	01/31/26 1:01
Dichlorodifluoromethane	1.9		D	0.43	0.77	ug/m³	EPA TO-15	01/31/26 1:01
Ethyl Benzene	4.9		D	0.23	0.67	ug/m³	EPA TO-15	01/31/26 1:01
Isopropanol	2.6		D	0.092	2.3	ug/m³	EPA TO-15	01/31/26 1:01
n-Heptane	2.0		D	0.24	0.64	ug/m³	EPA TO-15	01/31/26 1:01
n-Hexane	8.9		D	0.17	0.55	ug/m³	EPA TO-15	01/31/26 1:01
* n-Propylbenzene	1.2		D	0.20	0.76	ug/m³	EPA TO-15	01/31/26 1:01
o-Xylene	7.0		D	0.24	0.67	ug/m³	EPA TO-15	01/31/26 1:01
p- & m- Xylenes	20	A-01	D	0.35	1.3	ug/m³	EPA TO-15	01/31/26 1:01
* p-Ethyltoluene	5.5		D	0.27	0.76	ug/m³	EPA TO-15	01/31/26 1:01
* Tetrahydrofuran	1.6		D	0.15	0.92	ug/m³	EPA TO-15	01/31/26 1:01
Toluene	15		D	0.23	0.59	ug/m³	EPA TO-15	01/31/26 1:01
Trichlorofluoromethane (Freon 11)	0.96		D	0.31	0.87	ug/m³	EPA TO-15	01/31/26 1:01
Xylenes, Total	27		D	0.56	2.0	ug/m³	EPA TO-15	01/31/26 1:01
26A1103-04 - AI-2 20260122								
1,2,4-Trimethylbenzene	0.91		D	0.13	0.40	ug/m³	EPA TO-15	01/31/26 1:47
* ^2,2,4-Trimethylpentane	3.2		D	0.19	0.19	ug/m³	EPA TO-15	01/31/26 1:47
4-Methyl-2-pentanone	1.7		D	0.15	0.33	ug/m³	EPA TO-15	01/31/26 1:47
Acetone	51		D	0.99	9.6	ug/m³	EPA TO-15	01/31/26 1:47
Benzene	1.4		D	0.093	0.26	ug/m³	EPA TO-15	01/31/26 1:47
Carbon tetrachloride	1.1		D	0.15	0.15	ug/m³	EPA TO-15	01/31/26 1:47
Chloromethane	1.2		D	0.12	0.17	ug/m³	EPA TO-15	01/31/26 1:47
Cyclohexane	0.86		D	0.19	0.28	ug/m³	EPA TO-15	01/31/26 1:47
Dichlorodifluoromethane	1.6		D	0.22	0.40	ug/m³	EPA TO-15	01/31/26 1:47
Ethyl Benzene	1.2		D	0.12	0.35	ug/m³	EPA TO-15	01/31/26 1:47
Isopropanol	18		D	0.048	1.2	ug/m³	EPA TO-15	01/31/26 1:47
n-Heptane	4.6		D	0.13	0.33	ug/m³	EPA TO-15	01/31/26 1:47
n-Hexane	9.0		D	0.089	0.28	ug/m³	EPA TO-15	01/31/26 1:47
o-Xylene	1.4		D	0.12	0.35	ug/m³	EPA TO-15	01/31/26 1:47
p- & m- Xylenes	3.8	A-01	D	0.18	0.70	ug/m³	EPA TO-15	01/31/26 1:47
* p-Ethyltoluene	0.79		D	0.14	0.40	ug/m³	EPA TO-15	01/31/26 1:47
* Propylene	1.4		D	0.079	0.14	ug/m³	EPA TO-15	01/31/26 1:47
Styrene	0.79		D	0.11	0.34	ug/m³	EPA TO-15	01/31/26 1:47
Toluene	7.9		D	0.12	0.30	ug/m³	EPA TO-15	01/31/26 1:47
Trichlorofluoromethane (Freon 11)	1.0		D	0.16	0.45	ug/m³	EPA TO-15	01/31/26 1:47
Xylenes, Total	5.2		D	0.29	1.0	ug/m³	EPA TO-15	01/31/26 1:47
26A1103-05 - SSV-3 20260122								
1,2,4-Trimethylbenzene	8.8		D	0.29	0.85	ug/m³	EPA TO-15	01/31/26 2:33
1,3,5-Trimethylbenzene	2.2		D	0.13	0.85	ug/m³	EPA TO-15	01/31/26 2:33
* ^2,2,4-Trimethylpentane	5.0		D	0.40	0.40	ug/m³	EPA TO-15	01/31/26 2:33

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26A1103-05 - SSV-3 20260122								
4-Methyl-2-pentanone	3.0		D	0.31	0.71	ug/m³	EPA TO-15	01/31/26 2:33
Acetone	350		D	8.5	82	ug/m³	EPA TO-15	01/31/26 7:07
Benzene	1.8		D	0.20	0.55	ug/m³	EPA TO-15	01/31/26 2:33
Carbon disulfide	1.1		D	0.14	0.54	ug/m³	EPA TO-15	01/31/26 2:33
Carbon tetrachloride	1.5		D	0.33	0.33	ug/m³	EPA TO-15	01/31/26 2:33
Chloroform	3.6		D	0.24	0.84	ug/m³	EPA TO-15	01/31/26 2:33
Cyclohexane	1.5		D	0.42	0.60	ug/m³	EPA TO-15	01/31/26 2:33
Dichlorodifluoromethane	2.0		D	0.48	0.86	ug/m³	EPA TO-15	01/31/26 2:33
Ethyl Benzene	6.8		D	0.25	0.75	ug/m³	EPA TO-15	01/31/26 2:33
Isopropanol	7.5		D	0.10	2.6	ug/m³	EPA TO-15	01/31/26 2:33
n-Heptane	2.9		D	0.27	0.71	ug/m³	EPA TO-15	01/31/26 2:33
n-Hexane	16		D	0.19	0.61	ug/m³	EPA TO-15	01/31/26 2:33
* n-Propylbenzene	1.6		D	0.22	0.85	ug/m³	EPA TO-15	01/31/26 2:33
o-Xylene	9.5		D	0.26	0.75	ug/m³	EPA TO-15	01/31/26 2:33
p- & m- Xylenes	27	A-01	D	0.39	1.5	ug/m³	EPA TO-15	01/31/26 2:33
* p-Ethyltoluene	7.1		D	0.30	0.85	ug/m³	EPA TO-15	01/31/26 2:33
* Propylene	1.8		D	0.17	0.30	ug/m³	EPA TO-15	01/31/26 2:33
* Tetrahydrofuran	2.9		D	0.17	1.0	ug/m³	EPA TO-15	01/31/26 2:33
Toluene	21		D	0.26	0.65	ug/m³	EPA TO-15	01/31/26 2:33
Trichlorofluoromethane (Freon 11)	0.97		D	0.35	0.97	ug/m³	EPA TO-15	01/31/26 2:33
Xylenes, Total	36		D	0.62	2.3	ug/m³	EPA TO-15	01/31/26 2:33
26A1103-06 - AI-3 20260122								
1,2,4-Trimethylbenzene	0.69		D	0.13	0.38	ug/m³	EPA TO-15	01/31/26 3:19
1,3-Butadiene	0.58		D	0.053	0.51	ug/m³	EPA TO-15	01/31/26 3:19
* ^2,2,4-Trimethylpentane	2.3		D	0.18	0.18	ug/m³	EPA TO-15	01/31/26 3:19
Acetone	22		D	0.95	9.2	ug/m³	EPA TO-15	01/31/26 3:19
Benzene	1.3		D	0.089	0.25	ug/m³	EPA TO-15	01/31/26 3:19
Carbon tetrachloride	0.98		D	0.15	0.15	ug/m³	EPA TO-15	01/31/26 3:19
Chloroform	0.38		D	0.11	0.38	ug/m³	EPA TO-15	01/31/26 3:19
Chloromethane	1.2		D	0.11	0.16	ug/m³	EPA TO-15	01/31/26 3:19
Cyclohexane	0.64		D	0.19	0.27	ug/m³	EPA TO-15	01/31/26 3:19
Dichlorodifluoromethane	1.7		D	0.21	0.38	ug/m³	EPA TO-15	01/31/26 3:19
Ethyl Benzene	0.71		D	0.11	0.34	ug/m³	EPA TO-15	01/31/26 3:19
Isopropanol	6.5		D	0.046	1.1	ug/m³	EPA TO-15	01/31/26 3:19
n-Heptane	2.4		D	0.12	0.32	ug/m³	EPA TO-15	01/31/26 3:19
n-Hexane	6.5		D	0.086	0.27	ug/m³	EPA TO-15	01/31/26 3:19
o-Xylene	0.84		D	0.12	0.34	ug/m³	EPA TO-15	01/31/26 3:19
p- & m- Xylenes	2.2	A-01	D	0.17	0.67	ug/m³	EPA TO-15	01/31/26 3:19
* p-Ethyltoluene	0.57		D	0.13	0.38	ug/m³	EPA TO-15	01/31/26 3:19
* Propylene	2.5		D	0.076	0.13	ug/m³	EPA TO-15	01/31/26 3:19
* Tetrahydrofuran	1.8		D	0.077	0.46	ug/m³	EPA TO-15	01/31/26 3:19
Toluene	4.8		D	0.12	0.29	ug/m³	EPA TO-15	01/31/26 3:19
Trichlorofluoromethane (Freon 11)	1.0		D	0.16	0.44	ug/m³	EPA TO-15	01/31/26 3:19
Xylenes, Total	3.0		D	0.28	1.0	ug/m³	EPA TO-15	01/31/26 3:19

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26A1103-07 - SSV-4 20260122								
1,2,4-Trimethylbenzene	7.1		D	0.23	0.69	ug/m³	EPA TO-15	01/31/26 4:05
1,3,5-Trimethylbenzene	1.9		D	0.11	0.69	ug/m³	EPA TO-15	01/31/26 4:05
* ^2,2,4-Trimethylpentane	13		D	0.33	0.33	ug/m³	EPA TO-15	01/31/26 4:05
Acetone	85		D	1.7	17	ug/m³	EPA TO-15	01/31/26 4:05
Benzene	3.7		D	0.16	0.45	ug/m³	EPA TO-15	01/31/26 4:05
Carbon tetrachloride	3.8		D	0.27	0.27	ug/m³	EPA TO-15	01/31/26 4:05
Chloroform	1.3		D	0.19	0.69	ug/m³	EPA TO-15	01/31/26 4:05
Chloromethane	0.52		D	0.21	0.29	ug/m³	EPA TO-15	01/31/26 4:05
Cyclohexane	3.5		D	0.34	0.49	ug/m³	EPA TO-15	01/31/26 4:05
Dichlorodifluoromethane	2.1		D	0.39	0.70	ug/m³	EPA TO-15	01/31/26 4:05
* Ethyl acetate	47		D	0.31	25	ug/m³	EPA TO-15	01/31/26 4:05
Ethyl Benzene	6.5		D	0.21	0.61	ug/m³	EPA TO-15	01/31/26 4:05
Isopropanol	5.4		D	0.083	2.1	ug/m³	EPA TO-15	01/31/26 4:05
n-Heptane	9.5		D	0.22	0.58	ug/m³	EPA TO-15	01/31/26 4:05
n-Hexane	42		D	0.16	0.50	ug/m³	EPA TO-15	01/31/26 4:05
* n-Propylbenzene	1.4		D	0.18	0.69	ug/m³	EPA TO-15	01/31/26 4:05
o-Xylene	8.5		D	0.21	0.61	ug/m³	EPA TO-15	01/31/26 4:05
p- & m- Xylenes	24	A-01	D	0.31	1.2	ug/m³	EPA TO-15	01/31/26 4:05
* p-Ethyltoluene	6.0		D	0.24	0.69	ug/m³	EPA TO-15	01/31/26 4:05
* Propylene	4.5		D	0.14	0.24	ug/m³	EPA TO-15	01/31/26 4:05
Toluene	25		D	0.21	0.53	ug/m³	EPA TO-15	01/31/26 4:05
Trichlorofluoromethane (Freon 11)	1.1		D	0.29	0.79	ug/m³	EPA TO-15	01/31/26 4:05
Xylenes, Total	33		D	0.51	1.8	ug/m³	EPA TO-15	01/31/26 4:05
26A1103-08 - AI-4 20260122								
1,2,4-Trimethylbenzene	0.41		D	0.13	0.37	ug/m³	EPA TO-15	01/31/26 4:50
* ^2,2,4-Trimethylpentane	0.78		D	0.18	0.18	ug/m³	EPA TO-15	01/31/26 4:50
Acetone	14		D	0.93	9.0	ug/m³	EPA TO-15	01/31/26 4:50
Benzene	0.90		D	0.087	0.24	ug/m³	EPA TO-15	01/31/26 4:50
Carbon tetrachloride	0.48		D	0.14	0.14	ug/m³	EPA TO-15	01/31/26 4:50
Chloromethane	1.2		D	0.11	0.16	ug/m³	EPA TO-15	01/31/26 4:50
Dichlorodifluoromethane	1.7		D	0.21	0.37	ug/m³	EPA TO-15	01/31/26 4:50
Ethyl Benzene	0.36		D	0.11	0.33	ug/m³	EPA TO-15	01/31/26 4:50
Isopropanol	2.2		D	0.045	1.1	ug/m³	EPA TO-15	01/31/26 4:50
n-Heptane	1.0		D	0.12	0.31	ug/m³	EPA TO-15	01/31/26 4:50
n-Hexane	1.6		D	0.084	0.27	ug/m³	EPA TO-15	01/31/26 4:50
o-Xylene	0.43		D	0.12	0.33	ug/m³	EPA TO-15	01/31/26 4:50
p- & m- Xylenes	1.0	A-01	D	0.17	0.66	ug/m³	EPA TO-15	01/31/26 4:50
* Propylene	1.8		D	0.074	0.13	ug/m³	EPA TO-15	01/31/26 4:50
* Tetrahydrofuran	0.85		D	0.075	0.45	ug/m³	EPA TO-15	01/31/26 4:50
Toluene	2.1		D	0.11	0.29	ug/m³	EPA TO-15	01/31/26 4:50
Trichlorofluoromethane (Freon 11)	0.98		D	0.15	0.43	ug/m³	EPA TO-15	01/31/26 4:50
Xylenes, Total	1.4		D	0.27	0.99	ug/m³	EPA TO-15	01/31/26 4:50
26A1103-09 - SSV-5 20260122								
1,2,4-Trimethylbenzene	8.1		D	0.25	0.74	ug/m³	EPA TO-15	01/31/26 5:36

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26A1103-09 - SSV-5 20260122								
1,3,5-Trimethylbenzene	2.1		D	0.11	0.74	ug/m³	EPA TO-15	01/31/26 5:36
* ^2,2,4-Trimethylpentane	8.8		D	0.35	0.35	ug/m³	EPA TO-15	01/31/26 5:36
Benzene	1.5		D	0.17	0.48	ug/m³	EPA TO-15	01/31/26 5:36
Carbon disulfide	1.9		D	0.12	0.47	ug/m³	EPA TO-15	01/31/26 5:36
Carbon tetrachloride	0.95		D	0.28	0.28	ug/m³	EPA TO-15	01/31/26 5:36
Chloroform	2.1		D	0.21	0.73	ug/m³	EPA TO-15	01/31/26 5:36
Cyclohexane	1.2		D	0.36	0.52	ug/m³	EPA TO-15	01/31/26 5:36
Dichlorodifluoromethane	1.9		D	0.42	0.74	ug/m³	EPA TO-15	01/31/26 5:36
Ethyl Benzene	5.6		D	0.22	0.65	ug/m³	EPA TO-15	01/31/26 5:36
n-Heptane	2.3		D	0.23	0.62	ug/m³	EPA TO-15	01/31/26 5:36
n-Hexane	12		D	0.17	0.53	ug/m³	EPA TO-15	01/31/26 5:36
* n-Propylbenzene	1.5		D	0.19	0.74	ug/m³	EPA TO-15	01/31/26 5:36
o-Xylene	8.0		D	0.23	0.65	ug/m³	EPA TO-15	01/31/26 5:36
p- & m- Xylenes	23	A-01	D	0.34	1.3	ug/m³	EPA TO-15	01/31/26 5:36
* p-Ethyltoluene	6.7		D	0.26	0.74	ug/m³	EPA TO-15	01/31/26 5:36
* Tetrahydrofuran	2.1		D	0.15	0.89	ug/m³	EPA TO-15	01/31/26 5:36
Toluene	17		D	0.23	0.57	ug/m³	EPA TO-15	01/31/26 5:36
Trichlorofluoromethane (Freon 11)	1.0		D	0.30	0.85	ug/m³	EPA TO-15	01/31/26 5:36
Xylenes, Total	31		D	0.54	2.0	ug/m³	EPA TO-15	01/31/26 5:36
26A1103-10 - AI-5 20260122								
1,2,4-Trimethylbenzene	0.36		D	0.12	0.36	ug/m³	EPA TO-15	01/31/26 6:22
* ^2,2,4-Trimethylpentane	0.51		D	0.17	0.17	ug/m³	EPA TO-15	01/31/26 6:22
Acetone	11		D	0.89	8.6	ug/m³	EPA TO-15	01/31/26 6:22
Benzene	0.81		D	0.083	0.23	ug/m³	EPA TO-15	01/31/26 6:22
Carbon tetrachloride	0.41		D	0.14	0.14	ug/m³	EPA TO-15	01/31/26 6:22
Chloromethane	1.2		D	0.11	0.15	ug/m³	EPA TO-15	01/31/26 6:22
Dichlorodifluoromethane	1.8		D	0.20	0.36	ug/m³	EPA TO-15	01/31/26 6:22
Isopropanol	1.9		D	0.043	1.1	ug/m³	EPA TO-15	01/31/26 6:22
n-Heptane	0.89		D	0.11	0.30	ug/m³	EPA TO-15	01/31/26 6:22
n-Hexane	0.87		D	0.080	0.26	ug/m³	EPA TO-15	01/31/26 6:22
o-Xylene	0.32		D	0.11	0.32	ug/m³	EPA TO-15	01/31/26 6:22
p- & m- Xylenes	0.82	A-01	D	0.16	0.63	ug/m³	EPA TO-15	01/31/26 6:22
* Propylene	1.7		D	0.071	0.12	ug/m³	EPA TO-15	01/31/26 6:22
* Tetrahydrofuran	0.81		D	0.072	0.43	ug/m³	EPA TO-15	01/31/26 6:22
Toluene	1.6		D	0.11	0.27	ug/m³	EPA TO-15	01/31/26 6:22
Trichlorofluoromethane (Freon 11)	1.0		D	0.15	0.41	ug/m³	EPA TO-15	01/31/26 6:22
Xylenes, Total	1.1		D	0.26	0.95	ug/m³	EPA TO-15	01/31/26 6:22

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-01**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.33	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,1-Trichloroethane	ND		U	0.29	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2,2-Tetrachloroethane	ND		U	0.30	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.43	1.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2-Trichloroethane	ND		U	0.30	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1-Dichloroethane	ND		U	0.25	0.62	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1-Dichloroethylene	ND		U	0.26	0.30	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2,4-Trichlorobenzene	ND		U	0.43	57	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2,4-Trimethylbenzene	**7.8**		D	0.25	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dibromoethane	ND		U	0.37	1.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichlorobenzene	ND		U	0.28	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichloroethane	ND		U	0.29	0.62	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichloropropane	ND		U	0.24	0.71	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.55	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3,5-Trimethylbenzene	**2.0**		D	0.12	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3-Butadiene	ND		U	0.10	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3-Dichlorobenzene	ND		U	0.26	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* 1,3-Dichloropropane	ND		U	0.22	0.71	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,4-Dichlorobenzene	ND		U	0.22	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,4-Dioxane	ND		U	0.58	2.8	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^2,2,4-Trimethylpentane	**2.1**		D	0.36	0.36	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
2-Butanone	ND		J	0.77	23	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* 2-Hexanone	ND		J	0.34	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
3-Chloropropene	ND		U	0.20	2.4	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
4-Methyl-2-pentanone	ND		U	0.28	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Acetone	ND		J	1.9	18	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^Acrolein	ND		U	0.22	0.35	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Acrylonitrile	ND		U	3.2	17	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Benzene	**1.2**		D	0.18	0.49	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Benzyl chloride	ND		U	0.25	20	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-01**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Bromodichloromethane	ND		U	0.31	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Bromoform	ND		U	0.67	1.6	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Bromomethane	ND		U	0.26	0.59	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Carbon disulfide	**1.4**		D	0.12	0.48	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Carbon tetrachloride	**0.67**		D	0.29	0.29	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chlorobenzene	ND		U	0.27	0.70	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloroethane	ND		U	0.23	0.40	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloroform	ND		U	0.21	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloromethane	ND		U	0.22	0.32	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
cis-1,2-Dichloroethylene	ND		U	0.16	0.30	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
cis-1,3-Dichloropropylene	ND		U	0.27	0.69	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Cyclohexane	**0.79**		D	0.37	0.53	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Dibromochloromethane	ND		U	0.53	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Dichlorodifluoromethane	**1.9**		D	0.42	0.76	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* Ethyl acetate	ND		J	0.33	28	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Ethyl Benzene	**4.7**		D	0.22	0.66	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Hexachlorobutadiene	ND		U	0.62	1.6	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Isopropanol	**4.4**		D	0.090	2.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Isopropylbenzene	ND		U	0.14	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methyl Methacrylate	ND		U	0.39	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.17	0.55	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methylene chloride	ND		U	0.18	3.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^Naphthalene	ND		U	0.55	8.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* n-Butylbenzene	ND		U	0.25	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
n-Heptane	**1.7**		D	0.24	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
n-Hexane	**5.3**		D	0.17	0.54	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* n-Propylbenzene	**1.4**		D	0.20	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
o-Xylene	**6.8**		D	0.23	0.66	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
p- & m- Xylenes	**19**	A-01	D	0.34	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* p-Ethyltoluene	**6.1**		D	0.26	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* p-Isopropyltoluene	ND		U	0.15	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-01**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Propylene	**1.1**		D	0.15	0.26	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* sec-Butylbenzene	ND		U	0.22	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Styrene	ND		U	0.20	0.65	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* tert-Butylbenzene	ND		U	0.32	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Tetrachloroethylene	ND		U	0.25	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* Tetrahydrofuran	ND		U	0.15	0.90	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Toluene	**13**		D	0.23	0.58	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
trans-1,2-Dichloroethylene	ND		U	0.15	0.61	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
trans-1,3-Dichloropropylene	ND		U	0.28	0.69	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Trichloroethylene	ND		U	0.25	0.25	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.31	0.86	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl acetate	ND		U	0.27	0.54	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl bromide	ND		U	0.23	0.67	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl Chloride	ND		U	0.16	0.20	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Xylenes, Total	**26**		D	0.55	2.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.17	0.56	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,1-Trichloroethane	ND		U	0.16	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,2,2-Tetrachloroethane	ND		U	0.16	0.56	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.23	0.63	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2-Trichloroethane	ND		U	0.16	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1-Dichloroethane	ND		U	0.13	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1-Dichloroethylene	ND		U	0.14	0.16	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2,4-Trichlorobenzene	ND		U	0.23	30	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2,4-Trimethylbenzene	**0.60**		D	0.14	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dibromoethane	ND		U	0.20	0.63	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichlorobenzene	ND		U	0.15	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichloroethane	ND		U	0.15	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichloropropane	ND		U	0.13	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.29	0.57	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3,5-Trimethylbenzene	ND		U	0.062	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3-Butadiene	ND		J	0.056	0.54	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3-Dichlorobenzene	ND		U	0.14	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* 1,3-Dichloropropane	ND		U	0.12	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,4-Dichlorobenzene	ND		U	0.12	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,4-Dioxane	ND		U	0.31	1.5	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^2,2,4-Trimethylpentane	**1.1**		D	0.19	0.19	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
2-Butanone	ND		J	0.41	12	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* 2-Hexanone	ND		U	0.18	0.67	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
3-Chloropropene	ND		U	0.11	1.3	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
4-Methyl-2-pentanone	**1.1**		D	0.15	0.34	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Acetone	**43**		D	1.0	9.7	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^Acrolein	ND		U	0.12	0.19	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Acrylonitrile	ND		U	1.7	8.9	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Benzene	**0.99**		D	0.094	0.26	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Benzyl chloride	ND		U	0.13	11	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromodichloromethane	ND		U	0.16	0.55	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromoform	ND		U	0.36	0.85	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromomethane	ND		U	0.14	0.32	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Carbon disulfide	ND		U	0.065	0.25	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Carbon tetrachloride	**0.57**		D	0.15	0.15	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chlorobenzene	ND		U	0.14	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloroethane	ND		U	0.12	0.22	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloroform	ND		U	0.11	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloromethane	**1.3**		D	0.12	0.17	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
cis-1,2-Dichloroethylene	ND		U	0.083	0.16	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
cis-1,3-Dichloropropylene	ND		U	0.15	0.37	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Cyclohexane	**0.31**		D	0.20	0.28	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Dibromochloromethane	ND		U	0.28	0.70	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Dichlorodifluoromethane	**1.6**		D	0.23	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* Ethyl acetate	ND		J	0.18	15	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Ethyl Benzene	**0.75**		D	0.12	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Hexachlorobutadiene	ND		U	0.33	0.87	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Isopropanol	**22**		D	0.048	1.2	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Isopropylbenzene	ND		U	0.072	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methyl Methacrylate	ND		U	0.21	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.091	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methylene chloride	ND		J	0.095	1.7	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^Naphthalene	ND		U	0.30	4.3	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* n-Butylbenzene	ND		U	0.13	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
n-Heptane	**6.1**		D	0.13	0.34	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
n-Hexane	**2.2**		D	0.091	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* n-Propylbenzene	ND		U	0.10	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
o-Xylene	**0.85**		D	0.12	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
p- & m- Xylenes	**2.1**	A-01	D	0.18	0.71	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* p-Ethyltoluene	**0.52**		D	0.14	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* p-Isopropyltoluene	ND		U	0.081	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* Propylene	**1.4**		D	0.080	0.14	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* sec-Butylbenzene	ND		U	0.12	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Styrene	**0.84**		D	0.11	0.35	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* tert-Butylbenzene	ND		U	0.17	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Tetrachloroethylene	ND		J	0.13	0.55	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Tetrahydrofuran	ND		U	0.081	0.48	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Toluene	**7.0**		D	0.12	0.31	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
trans-1,2-Dichloroethylene	ND		U	0.078	0.32	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
trans-1,3-Dichloropropylene	ND		U	0.15	0.37	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Trichloroethylene	ND		U	0.13	0.13	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.17	0.46	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl acetate	ND		U	0.15	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl bromide	ND		U	0.13	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl Chloride	ND		U	0.084	0.10	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Xylenes, Total	**3.0**		D	0.29	1.1	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.33	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,1-Trichloroethane	ND		U	0.30	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2,2-Tetrachloroethane	ND		U	0.30	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.43	1.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2-Trichloroethane	ND		U	0.30	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1-Dichloroethane	ND		U	0.26	0.63	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1-Dichloroethylene	ND		U	0.27	0.31	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2,4-Trichlorobenzene	ND		U	0.44	58	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2,4-Trimethylbenzene	**6.8**		D	0.26	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dibromoethane	ND		U	0.37	1.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichlorobenzene	ND		U	0.29	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichloroethane	ND		U	0.29	0.63	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichloropropane	ND		U	0.24	0.72	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.55	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3,5-Trimethylbenzene	**1.8**		D	0.12	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3-Butadiene	ND		U	0.11	1.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3-Dichlorobenzene	ND		U	0.26	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* 1,3-Dichloropropane	ND		U	0.22	0.72	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,4-Dichlorobenzene	ND		U	0.22	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,4-Dioxane	ND		U	0.59	2.8	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^2,2,4-Trimethylpentane	**3.2**		D	0.36	0.36	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
2-Butanone	ND		J	0.78	23	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* 2-Hexanone	ND		U	0.34	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
3-Chloropropene	ND		U	0.21	2.4	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
4-Methyl-2-pentanone	ND		U	0.28	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Acetone	**24**		D	1.9	18	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^Acrolein	ND		U	0.22	0.36	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Acrylonitrile	ND		U	3.2	17	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Benzene	**1.2**		D	0.18	0.50	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Benzyl chloride	ND		U	0.25	20	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromodichloromethane	ND		U	0.31	1.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromoform	ND		U	0.68	1.6	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromomethane	ND		U	0.26	0.60	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Carbon disulfide	ND		U	0.12	0.48	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Carbon tetrachloride	**0.98**		D	0.29	0.29	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chlorobenzene	ND		U	0.27	0.71	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloroethane	ND		U	0.23	0.41	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloroform	ND		U	0.21	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloromethane	ND		U	0.23	0.32	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
cis-1,2-Dichloroethylene	ND		U	0.16	0.31	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
cis-1,3-Dichloropropylene	ND		U	0.28	0.70	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Cyclohexane	**1.1**		D	0.37	0.53	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Dibromochloromethane	ND		U	0.54	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Dichlorodifluoromethane	**1.9**		D	0.43	0.77	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Ethyl acetate	ND		J	0.34	28	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Ethyl Benzene	**4.9**		D	0.23	0.67	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Hexachlorobutadiene	ND		U	0.63	1.7	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Isopropanol	**2.6**		D	0.092	2.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Isopropylbenzene	ND		U	0.14	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methyl Methacrylate	ND		U	0.39	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.17	0.56	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methylene chloride	ND		U	0.18	3.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^Naphthalene	ND		U	0.56	8.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* n-Butylbenzene	ND		U	0.25	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
n-Heptane	**2.0**		D	0.24	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
n-Hexane	**8.9**		D	0.17	0.55	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* n-Propylbenzene	**1.2**		D	0.20	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
o-Xylene	**7.0**		D	0.24	0.67	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
p- & m- Xylenes	**20**	A-01	D	0.35	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* p-Ethyltoluene	**5.5**		D	0.27	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* p-Isopropyltoluene	ND		U	0.15	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Propylene	ND		U	0.15	0.27	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* sec-Butylbenzene	ND		U	0.22	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Styrene	ND		U	0.20	0.66	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* tert-Butylbenzene	ND		U	0.33	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Tetrachloroethylene	ND		U	0.25	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Tetrahydrofuran	**1.6**		D	0.15	0.92	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Toluene	**15**		D	0.23	0.59	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
trans-1,2-Dichloroethylene	ND		U	0.15	0.62	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
trans-1,3-Dichloropropylene	ND		U	0.28	0.70	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Trichloroethylene	ND		U	0.25	0.25	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Trichlorofluoromethane (Freon 11)	**0.96**		D	0.31	0.87	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl acetate	ND		U	0.28	0.55	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl bromide	ND		U	0.24	0.68	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl Chloride	ND		U	0.16	0.20	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Xylenes, Total	**27**		D	0.56	2.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.17	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,1-Trichloroethane	ND		U	0.15	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2,2-Tetrachloroethane	ND		U	0.16	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.22	0.62	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2-Trichloroethane	ND		U	0.16	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1-Dichloroethane	ND		U	0.13	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1-Dichloroethylene	ND		U	0.14	0.16	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2,4-Trichlorobenzene	ND		U	0.23	30	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2,4-Trimethylbenzene	**0.91**		D	0.13	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dibromoethane	ND		U	0.19	0.62	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichlorobenzene	ND		U	0.15	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichloroethane	ND		U	0.15	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichloropropane	ND		U	0.13	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.29	0.56	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,3,5-Trimethylbenzene	ND		U	0.061	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,3-Butadiene	ND		J	0.055	0.53	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,3-Dichlorobenzene	ND		U	0.14	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* 1,3-Dichloropropane	ND		U	0.12	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,4-Dichlorobenzene	ND		U	0.12	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,4-Dioxane	ND		U	0.30	1.5	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^2,2,4-Trimethylpentane	**3.2**		D	0.19	0.19	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
2-Butanone	ND		J	0.40	12	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* 2-Hexanone	ND		U	0.18	0.66	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
3-Chloropropene	ND		U	0.11	1.3	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
4-Methyl-2-pentanone	**1.7**		D	0.15	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Acetone	**51**		D	0.99	9.6	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^Acrolein	ND		U	0.11	0.18	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Acrylonitrile	ND		U	1.7	8.7	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Benzene	**1.4**		D	0.093	0.26	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Benzyl chloride	ND		U	0.13	10	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromodichloromethane	ND		U	0.16	0.54	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromoform	ND		U	0.35	0.83	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromomethane	ND		U	0.14	0.31	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Carbon disulfide	ND		U	0.065	0.25	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Carbon tetrachloride	**1.1**		D	0.15	0.15	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chlorobenzene	ND		U	0.14	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloroethane	ND		U	0.12	0.21	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloroform	ND		U	0.11	0.39	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloromethane	**1.2**		D	0.12	0.17	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
cis-1,2-Dichloroethylene	ND		U	0.082	0.16	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
cis-1,3-Dichloropropylene	ND		U	0.14	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Cyclohexane	**0.86**		D	0.19	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Dibromochloromethane	ND		U	0.28	0.69	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Dichlorodifluoromethane	**1.6**		D	0.22	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Ethyl acetate	ND		J	0.17	15	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	**1.2**		D	0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Hexachlorobutadiene	ND		U	0.33	0.86	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Isopropanol	**18**		D	0.048	1.2	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Isopropylbenzene	ND		U	0.071	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methyl Methacrylate	ND		U	0.20	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.089	0.29	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methylene chloride	ND		J	0.094	1.7	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^Naphthalene	ND		U	0.29	4.2	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* n-Butylbenzene	ND		U	0.13	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
n-Heptane	**4.6**		D	0.13	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
n-Hexane	**9.0**		D	0.089	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* n-Propylbenzene	ND		U	0.10	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
o-Xylene	**1.4**		D	0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
p- & m- Xylenes	**3.8**	A-01	D	0.18	0.70	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* p-Ethyltoluene	**0.79**		D	0.14	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* p-Isopropyltoluene	ND		U	0.080	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Propylene	**1.4**		D	0.079	0.14	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* sec-Butylbenzene	ND		U	0.11	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Styrene	**0.79**		D	0.11	0.34	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* tert-Butylbenzene	ND		U	0.17	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Tetrachloroethylene	ND		U	0.13	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Tetrahydrofuran	ND		U	0.080	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Toluene	**7.9**		D	0.12	0.30	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
trans-1,2-Dichloroethylene	ND		U	0.077	0.32	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
trans-1,3-Dichloropropylene	ND		U	0.15	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Trichloroethylene	ND		U	0.13	0.13	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.16	0.45	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl acetate	ND		U	0.14	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl bromide	ND		U	0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl Chloride	ND		U	0.082	0.10	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Xylenes, Total	**5.2**		D	0.29	1.0	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.37	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,1-Trichloroethane	ND		U	0.33	0.94	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2,2-Tetrachloroethane	ND		U	0.34	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.48	1.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2-Trichloroethane	ND		U	0.34	0.94	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1-Dichloroethane	ND		U	0.28	0.70	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1-Dichloroethylene	ND		U	0.30	0.34	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2,4-Trichlorobenzene	ND		U	0.49	64	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2,4-Trimethylbenzene	**8.8**		D	0.29	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dibromoethane	ND		U	0.42	1.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichlorobenzene	ND		U	0.32	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichloroethane	ND		U	0.32	0.70	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichloropropane	ND		U	0.27	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.62	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3,5-Trimethylbenzene	**2.2**		D	0.13	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3-Butadiene	ND		U	0.12	1.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3-Dichlorobenzene	ND		U	0.29	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* 1,3-Dichloropropane	ND		U	0.25	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.25	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,4-Dioxane	ND		U	0.65	3.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* ^2,2,4-Trimethylpentane	**5.0**		D	0.40	0.40	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
2-Butanone	ND		J	0.87	26	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* 2-Hexanone	ND		J	0.38	1.4	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
3-Chloropropene	ND		U	0.23	2.7	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
4-Methyl-2-pentanone	**3.0**		D	0.31	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Acetone	**350**		D	8.5	82	6.92	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 07:07	YR
* ^Acrolein	ND		U	0.25	0.40	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Acrylonitrile	ND		J	3.6	19	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Benzene	**1.8**		D	0.20	0.55	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Benzyl chloride	ND		U	0.28	22	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromodichloromethane	ND		U	0.35	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromoform	ND		U	0.76	1.8	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromomethane	ND		U	0.29	0.67	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Carbon disulfide	**1.1**		D	0.14	0.54	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Carbon tetrachloride	**1.5**		D	0.33	0.33	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chlorobenzene	ND		U	0.30	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloroethane	ND		U	0.26	0.46	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloroform	**3.6**		D	0.24	0.84	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloromethane	ND		U	0.25	0.36	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
cis-1,2-Dichloroethylene	ND		U	0.18	0.34	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
cis-1,3-Dichloropropylene	ND		U	0.31	0.79	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Cyclohexane	**1.5**		D	0.42	0.60	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Dibromochloromethane	ND		U	0.60	1.5	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Dichlorodifluoromethane	**2.0**		D	0.48	0.86	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Ethyl acetate	ND		J	0.37	31	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Ethyl Benzene	**6.8**		D	0.25	0.75	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Hexachlorobutadiene	ND		U	0.70	1.8	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Isopropanol	**7.5**		D	0.10	2.6	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Isopropylbenzene	ND		U	0.15	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methyl Methacrylate	ND		U	0.44	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.19	0.62	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Methylene chloride	ND		U	0.20	3.6	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* ^Naphthalene	ND		U	0.62	9.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* n-Butylbenzene	ND		U	0.28	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
n-Heptane	**2.9**		D	0.27	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
n-Hexane	**16**		D	0.19	0.61	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* n-Propylbenzene	**1.6**		D	0.22	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
o-Xylene	**9.5**		D	0.26	0.75	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
p- & m- Xylenes	**27**	A-01	D	0.39	1.5	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* p-Ethyltoluene	**7.1**		D	0.30	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* p-Isopropyltoluene	ND		U	0.17	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Propylene	**1.8**		D	0.17	0.30	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* sec-Butylbenzene	ND		U	0.24	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Styrene	ND		U	0.23	0.74	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* tert-Butylbenzene	ND		U	0.36	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Tetrachloroethylene	ND		U	0.28	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Tetrahydrofuran	**2.9**		D	0.17	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Toluene	**21**		D	0.26	0.65	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
trans-1,2-Dichloroethylene	ND		U	0.16	0.69	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
trans-1,3-Dichloropropylene	ND		U	0.31	0.79	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Trichloroethylene	ND		U	0.28	0.28	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Trichlorofluoromethane (Freon 11)	**0.97**		D	0.35	0.97	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl acetate	ND		U	0.31	0.61	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl bromide	ND		U	0.26	0.76	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl Chloride	ND		U	0.18	0.22	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Xylenes, Total	**36**		D	0.62	2.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.16	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,1-Trichloroethane	ND		U	0.15	0.42	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2,2-Tetrachloroethane	ND		U	0.15	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.22	0.59	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2-Trichloroethane	ND		U	0.15	0.42	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1-Dichloroethane	ND		U	0.13	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1-Dichloroethylene	ND		U	0.13	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2,4-Trichlorobenzene	ND		U	0.22	29	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2,4-Trimethylbenzene	**0.69**		D	0.13	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dibromoethane	ND		U	0.19	0.60	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichlorobenzene	ND		U	0.14	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichloroethane	ND		U	0.14	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichloropropane	ND		U	0.12	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.28	0.54	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3,5-Trimethylbenzene	ND		U	0.058	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3-Butadiene	**0.58**		D	0.053	0.51	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3-Dichlorobenzene	ND		U	0.13	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* 1,3-Dichloropropane	ND		U	0.11	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,4-Dichlorobenzene	ND		U	0.11	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,4-Dioxane	ND		U	0.29	1.4	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^2,2,4-Trimethylpentane	**2.3**		D	0.18	0.18	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
2-Butanone	ND		J	0.39	11	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* 2-Hexanone	ND		U	0.17	0.63	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
3-Chloropropene	ND		U	0.10	1.2	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
4-Methyl-2-pentanone	ND		U	0.14	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Acetone	**22**		D	0.95	9.2	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^Acrolein	ND		U	0.11	0.18	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Acrylonitrile	ND		U	1.6	8.4	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Benzene	**1.3**		D	0.089	0.25	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Benzyl chloride	ND		U	0.12	10	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Bromodichloromethane	ND		U	0.16	0.52	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Bromoform	ND		U	0.34	0.80	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Bromomethane	ND		U	0.13	0.30	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Carbon disulfide	ND		U	0.062	0.24	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Carbon tetrachloride	**0.98**		D	0.15	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chlorobenzene	ND		U	0.14	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloroethane	ND		U	0.12	0.20	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloroform	**0.38**		D	0.11	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloromethane	**1.2**		D	0.11	0.16	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
cis-1,2-Dichloroethylene	ND		U	0.079	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
cis-1,3-Dichloropropylene	ND		U	0.14	0.35	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Cyclohexane	**0.64**		D	0.19	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Dibromochloromethane	ND		U	0.27	0.66	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Dichlorodifluoromethane	**1.7**		D	0.21	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* Ethyl acetate	ND		J	0.17	14	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Ethyl Benzene	**0.71**		D	0.11	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Hexachlorobutadiene	ND		U	0.32	0.83	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Isopropanol	**6.5**		D	0.046	1.1	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Isopropylbenzene	ND		U	0.069	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methyl Methacrylate	ND		U	0.20	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.086	0.28	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methylene chloride	ND		J	0.090	1.6	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^Naphthalene	ND		U	0.28	4.1	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* n-Butylbenzene	ND		U	0.13	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
n-Heptane	**2.4**		D	0.12	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
n-Hexane	**6.5**		D	0.086	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* n-Propylbenzene	ND		U	0.099	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
o-Xylene	**0.84**		D	0.12	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
p- & m- Xylenes	**2.2**	A-01	D	0.17	0.67	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* p-Ethyltoluene	**0.57**		D	0.13	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* p-Isopropyltoluene	ND		U	0.077	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Propylene	**2.5**		D	0.076	0.13	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* sec-Butylbenzene	ND		U	0.11	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Styrene	ND		U	0.10	0.33	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* tert-Butylbenzene	ND		U	0.16	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Tetrachloroethylene	ND		U	0.13	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* Tetrahydrofuran	**1.8**		D	0.077	0.46	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Toluene	**4.8**		D	0.12	0.29	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
trans-1,2-Dichloroethylene	ND		U	0.074	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
trans-1,3-Dichloropropylene	ND		U	0.14	0.35	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Trichloroethylene	ND		U	0.12	0.12	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.16	0.44	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl acetate	ND		U	0.14	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl bromide	ND		U	0.12	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl Chloride	ND		U	0.079	0.099	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Xylenes, Total	**3.0**		D	0.28	1.0	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.30	0.97	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,1-Trichloroethane	ND		U	0.27	0.77	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,2,2-Tetrachloroethane	ND		U	0.27	0.97	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.39	1.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,2-Trichloroethane	ND		U	0.27	0.77	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1-Dichloroethane	ND		U	0.23	0.57	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1-Dichloroethylene	ND		U	0.24	0.28	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2,4-Trichlorobenzene	ND		U	0.40	52	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2,4-Trimethylbenzene	**7.1**		D	0.23	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dibromoethane	ND		U	0.34	1.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichlorobenzene	ND		U	0.26	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichloroethane	ND		U	0.26	0.57	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichloropropane	ND		U	0.22	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.50	0.99	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3,5-Trimethylbenzene	**1.9**		D	0.11	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3-Butadiene	ND		U	0.097	0.94	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3-Dichlorobenzene	ND		U	0.24	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* 1,3-Dichloropropane	ND		U	0.20	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,4-Dichlorobenzene	ND		U	0.20	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,4-Dioxane	ND		U	0.53	2.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^2,2,4-Trimethylpentane	**13**		D	0.33	0.33	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
2-Butanone	ND		J	0.71	21	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* 2-Hexanone	ND		U	0.31	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
3-Chloropropene	ND		U	0.19	2.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
4-Methyl-2-pentanone	ND		U	0.26	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Acetone	**85**		D	1.7	17	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^Acrolein	ND		U	0.20	0.32	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Acrylonitrile	ND		U	2.9	15	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Benzene	**3.7**		D	0.16	0.45	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Benzyl chloride	ND		U	0.23	18	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromodichloromethane	ND		U	0.28	0.95	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromoform	ND		U	0.62	1.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromomethane	ND		U	0.24	0.55	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Carbon disulfide	ND		U	0.11	0.44	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Carbon tetrachloride	**3.8**		D	0.27	0.27	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chlorobenzene	ND		U	0.25	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloroethane	ND		U	0.21	0.37	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloroform	**1.3**		D	0.19	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloromethane	**0.52**		D	0.21	0.29	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
cis-1,2-Dichloroethylene	ND		U	0.14	0.28	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
cis-1,3-Dichloropropylene	ND		U	0.25	0.64	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Cyclohexane	**3.5**		D	0.34	0.49	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Dibromochloromethane	ND		U	0.49	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Dichlorodifluoromethane	**2.1**		D	0.39	0.70	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* Ethyl acetate	**47**		D	0.31	25	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Ethyl Benzene	**6.5**		D	0.21	0.61	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Hexachlorobutadiene	ND		U	0.58	1.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Isopropanol	**5.4**		D	0.083	2.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Isopropylbenzene	ND		U	0.12	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methyl Methacrylate	ND		U	0.36	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.16	0.51	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methylene chloride	ND		U	0.16	2.9	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^Naphthalene	ND		U	0.51	7.4	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* n-Butylbenzene	ND		U	0.23	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
n-Heptane	**9.5**		D	0.22	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
n-Hexane	**42**		D	0.16	0.50	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* n-Propylbenzene	**1.4**		D	0.18	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
o-Xylene	**8.5**		D	0.21	0.61	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
p- & m- Xylenes	**24**	A-01	D	0.31	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* p-Ethyltoluene	**6.0**		D	0.24	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* p-Isopropyltoluene	ND		U	0.14	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* Propylene	**4.5**		D	0.14	0.24	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* sec-Butylbenzene	ND		U	0.20	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Styrene	ND		U	0.18	0.60	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* tert-Butylbenzene	ND		U	0.30	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Tetrachloroethylene	ND		U	0.23	0.96	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Tetrahydrofuran	ND		U	0.14	0.83	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Toluene	**25**		D	0.21	0.53	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
trans-1,2-Dichloroethylene	ND		U	0.13	0.56	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
trans-1,3-Dichloropropylene	ND		U	0.26	0.64	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Trichloroethylene	ND		U	0.23	0.23	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Trichlorofluoromethane (Freon 11)	**1.1**		D	0.29	0.79	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl acetate	ND		U	0.25	0.50	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl bromide	ND		U	0.22	0.62	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl Chloride	ND		U	0.14	0.18	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Xylenes, Total	**33**		D	0.51	1.8	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.16	0.52	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,1-Trichloroethane	ND		U	0.14	0.41	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2,2-Tetrachloroethane	ND		U	0.15	0.52	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.21	0.58	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2-Trichloroethane	ND		U	0.15	0.41	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1-Dichloroethane	ND		U	0.12	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1-Dichloroethylene	ND		U	0.13	0.15	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2,4-Trichlorobenzene	ND		U	0.21	28	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2,4-Trimethylbenzene	**0.41**		D	0.13	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dibromoethane	ND		U	0.18	0.58	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichlorobenzene	ND		U	0.14	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichloroethane	ND		U	0.14	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichloropropane	ND		U	0.12	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.27	0.53	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3,5-Trimethylbenzene	ND		U	0.057	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3-Butadiene	ND		J	0.052	0.50	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3-Dichlorobenzene	ND		U	0.13	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* 1,3-Dichloropropane	ND		U	0.11	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,4-Dichlorobenzene	ND		U	0.11	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,4-Dioxane	ND		U	0.29	1.4	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^2,2,4-Trimethylpentane	**0.78**		D	0.18	0.18	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
2-Butanone	ND		J	0.38	11	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* 2-Hexanone	ND		U	0.17	0.62	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
3-Chloropropene	ND		U	0.10	1.2	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
4-Methyl-2-pentanone	ND		U	0.14	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Acetone	**14**		D	0.93	9.0	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^Acrolein	ND		U	0.11	0.17	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Acrylonitrile	ND		U	1.6	8.2	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Benzene	**0.90**		D	0.087	0.24	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Benzyl chloride	ND		U	0.12	9.8	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromodichloromethane	ND		U	0.15	0.51	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromoform	ND		U	0.33	0.78	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromomethane	ND		U	0.13	0.29	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Carbon disulfide	ND		U	0.061	0.24	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Carbon tetrachloride	**0.48**		D	0.14	0.14	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chlorobenzene	ND		U	0.13	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloroethane	ND		U	0.11	0.20	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloroform	ND		U	0.10	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloromethane	**1.2**		D	0.11	0.16	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
cis-1,2-Dichloroethylene	ND		U	0.077	0.15	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
cis-1,3-Dichloropropylene	ND		U	0.14	0.34	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Cyclohexane	ND		U	0.18	0.26	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Dibromochloromethane	ND		U	0.26	0.65	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Dichlorodifluoromethane	**1.7**		D	0.21	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Ethyl acetate	ND		J	0.16	14	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Ethyl Benzene	**0.36**		D	0.11	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Hexachlorobutadiene	ND		U	0.31	0.81	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Isopropanol	**2.2**		D	0.045	1.1	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Isopropylbenzene	ND		U	0.067	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methyl Methacrylate	ND		U	0.19	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.084	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methylene chloride	ND		J	0.088	1.6	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^Naphthalene	ND		U	0.27	4.0	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* n-Butylbenzene	ND		U	0.12	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
n-Heptane	**1.0**		D	0.12	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
n-Hexane	**1.6**		D	0.084	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* n-Propylbenzene	ND		U	0.097	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
o-Xylene	**0.43**		D	0.12	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
p- & m- Xylenes	**1.0**	A-01	D	0.17	0.66	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* p-Ethyltoluene	ND		U	0.13	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* p-Isopropyltoluene	ND		U	0.075	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Propylene	**1.8**		D	0.074	0.13	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* sec-Butylbenzene	ND		U	0.11	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Styrene	ND		U	0.099	0.32	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* tert-Butylbenzene	ND		U	0.16	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Tetrachloroethylene	ND		U	0.12	0.51	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Tetrahydrofuran	**0.85**		D	0.075	0.45	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Toluene	**2.1**		D	0.11	0.29	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
trans-1,2-Dichloroethylene	ND		U	0.072	0.30	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
trans-1,3-Dichloropropylene	ND		U	0.14	0.34	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Trichloroethylene	ND		U	0.12	0.12	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Trichlorofluoromethane (Freon 11)	**0.98**		D	0.15	0.43	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl acetate	ND		U	0.13	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl bromide	ND		U	0.12	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl Chloride	ND		U	0.078	0.097	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Xylenes, Total	**1.4**		D	0.27	0.99	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.32	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,1-Trichloroethane	ND		U	0.29	0.82	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2,2-Tetrachloroethane	ND		U	0.29	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.42	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2-Trichloroethane	ND		U	0.29	0.82	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1-Dichloroethane	ND		U	0.25	0.61	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1-Dichloroethylene	ND		U	0.26	0.30	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2,4-Trichlorobenzene	ND		U	0.43	56	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2,4-Trimethylbenzene	**8.1**		D	0.25	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dibromoethane	ND		U	0.36	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichlorobenzene	ND		U	0.28	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichloroethane	ND		U	0.28	0.61	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichloropropane	ND		U	0.23	0.69	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.54	1.1	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,3,5-Trimethylbenzene	**2.1**		D	0.11	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,3-Butadiene	ND		U	0.10	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,3-Dichlorobenzene	ND		U	0.26	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* 1,3-Dichloropropane	ND		U	0.22	0.70	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,4-Dichlorobenzene	ND		U	0.22	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,4-Dioxane	ND		U	0.57	2.7	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^2,2,4-Trimethylpentane	**8.8**		D	0.35	0.35	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
2-Butanone	ND		J	0.75	22	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* 2-Hexanone	ND		U	0.33	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
3-Chloropropene	ND		U	0.20	2.4	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
4-Methyl-2-pentanone	ND		U	0.27	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Acetone	ND		J	1.9	18	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^Acrolein	ND		U	0.21	0.34	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Acrylonitrile	ND		U	3.1	16	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Benzene	**1.5**		D	0.17	0.48	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Benzyl chloride	ND		U	0.24	19	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromodichloromethane	ND		U	0.30	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromoform	ND		U	0.66	1.6	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromomethane	ND		U	0.26	0.58	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Carbon disulfide	**1.9**		D	0.12	0.47	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Carbon tetrachloride	**0.95**		D	0.28	0.28	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chlorobenzene	ND		U	0.26	0.69	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloroethane	ND		U	0.22	0.40	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloroform	**2.1**		D	0.21	0.73	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloromethane	ND		U	0.22	0.31	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
cis-1,2-Dichloroethylene	ND		U	0.15	0.30	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
cis-1,3-Dichloropropylene	ND		U	0.27	0.68	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Cyclohexane	**1.2**		D	0.36	0.52	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Dibromochloromethane	ND		U	0.52	1.3	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Dichlorodifluoromethane	**1.9**		D	0.42	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Ethyl acetate	ND		J	0.33	27	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	**5.6**		D	0.22	0.65	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Hexachlorobutadiene	ND		U	0.61	1.6	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Isopropanol	ND		J	0.089	2.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Isopropylbenzene	ND		U	0.13	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methyl Methacrylate	ND		U	0.38	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.17	0.54	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methylene chloride	ND		U	0.18	3.1	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^Naphthalene	ND		U	0.54	7.9	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* n-Butylbenzene	ND		U	0.25	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
n-Heptane	**2.3**		D	0.23	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
n-Hexane	**12**		D	0.17	0.53	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* n-Propylbenzene	**1.5**		D	0.19	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
o-Xylene	**8.0**		D	0.23	0.65	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
p- & m- Xylenes	**23**	A-01	D	0.34	1.3	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* p-Ethyltoluene	**6.7**		D	0.26	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* p-Isopropyltoluene	ND		U	0.15	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Propylene	ND		U	0.15	0.26	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* sec-Butylbenzene	ND		U	0.21	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Styrene	ND		U	0.20	0.64	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* tert-Butylbenzene	ND		U	0.32	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Tetrachloroethylene	ND		U	0.24	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Tetrahydrofuran	**2.1**		D	0.15	0.89	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Toluene	**17**		D	0.23	0.57	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
trans-1,2-Dichloroethylene	ND		U	0.14	0.60	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
trans-1,3-Dichloropropylene	ND		U	0.27	0.68	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Trichloroethylene	ND		U	0.24	0.24	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.30	0.85	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl acetate	ND		U	0.27	0.53	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl bromide	ND		U	0.23	0.66	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl Chloride	ND		U	0.15	0.19	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Xylenes, Total	**31**		D	0.54	2.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* 1,1,1,2-Tetrachloroethane	ND		U	0.15	0.50	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,1-Trichloroethane	ND		U	0.14	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2,2-Tetrachloroethane	ND		U	0.14	0.50	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.20	0.56	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2-Trichloroethane	ND		U	0.14	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1-Dichloroethane	ND		U	0.12	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1-Dichloroethylene	ND		U	0.12	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2,4-Trichlorobenzene	ND		U	0.21	27	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2,4-Trimethylbenzene	**0.36**		D	0.12	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dibromoethane	ND		U	0.18	0.56	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichlorobenzene	ND		U	0.13	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichloroethane	ND		U	0.14	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichloropropane	ND		U	0.11	0.34	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichlorotetrafluoroethane	ND		U	0.26	0.51	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3,5-Trimethylbenzene	ND		U	0.055	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3-Butadiene	ND		J	0.050	0.48	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3-Dichlorobenzene	ND		U	0.12	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* 1,3-Dichloropropane	ND		U	0.10	0.34	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.10	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,4-Dioxane	ND		U	0.27	1.3	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^2,2,4-Trimethylpentane	**0.51**		D	0.17	0.17	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
2-Butanone	ND		J	0.36	11	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* 2-Hexanone	ND		U	0.16	0.59	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
3-Chloropropene	ND		U	0.096	1.1	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
4-Methyl-2-pentanone	ND		U	0.13	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Acetone	**11**		D	0.89	8.6	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^Acrolein	ND		U	0.10	0.17	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Acrylonitrile	ND		U	1.5	7.9	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Benzene	**0.81**		D	0.083	0.23	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Benzyl chloride	ND		U	0.12	9.4	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromodichloromethane	ND		U	0.15	0.49	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromoform	ND		U	0.32	0.75	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromomethane	ND		U	0.12	0.28	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Carbon disulfide	ND		U	0.058	0.23	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Carbon tetrachloride	**0.41**		D	0.14	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chlorobenzene	ND		U	0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloroethane	ND		U	0.11	0.19	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloroform	ND		U	0.099	0.35	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloromethane	**1.2**		D	0.11	0.15	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
cis-1,2-Dichloroethylene	ND		U	0.074	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
cis-1,3-Dichloropropylene	ND		U	0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Cyclohexane	ND		U	0.17	0.25	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Dibromochloromethane	ND		U	0.25	0.62	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Dichlorodifluoromethane	**1.8**		D	0.20	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Ethyl acetate	ND		J	0.16	13	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Ethyl Benzene	ND		U	0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Hexachlorobutadiene	ND		U	0.30	0.77	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Isopropanol	**1.9**		D	0.043	1.1	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Isopropylbenzene	ND		U	0.064	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methyl Methacrylate	ND		U	0.18	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Methyl tert-butyl ether (MTBE)	ND		U	0.080	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Methylene chloride	ND		J	0.085	1.5	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^Naphthalene	ND		U	0.26	3.8	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* n-Butylbenzene	ND		U	0.12	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
n-Heptane	**0.89**		D	0.11	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
n-Hexane	**0.87**		D	0.080	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* n-Propylbenzene	ND		U	0.093	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
o-Xylene	**0.32**		D	0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
p- & m- Xylenes	**0.82**	A-01	D	0.16	0.63	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* p-Ethyltoluene	ND		U	0.12	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* p-Isopropyltoluene	ND		U	0.072	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Propylene	**1.7**		D	0.071	0.12	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* sec-Butylbenzene	ND		U	0.10	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Styrene	ND		U	0.095	0.31	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* tert-Butylbenzene	ND		U	0.15	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Tetrachloroethylene	ND		U	0.12	0.49	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Tetrahydrofuran	**0.81**		D	0.072	0.43	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Toluene	**1.6**		D	0.11	0.27	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
trans-1,2-Dichloroethylene	ND		U	0.069	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
trans-1,3-Dichloropropylene	ND		U	0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Trichloroethylene	ND		U	0.12	0.12	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Trichlorofluoromethane (Freon 11)	**1.0**		D	0.15	0.41	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl acetate	ND		U	0.13	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl bromide	ND		U	0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl Chloride	ND		U	0.074	0.093	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Xylenes, Total	**1.1**		D	0.26	0.95	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA TO-15 in Air		
1,1,1-Trichloroethane	71-55-6	NJDEP-NY037,NYSDOH-NY12058
1,1,2,2-Tetrachloroethane	79-34-5	NJDEP-NY037,NYSDOH-NY12058
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NJDEP-NY037,NYSDOH-NY12058
1,1,2-Trichloroethane	79-00-5	NJDEP-NY037,NYSDOH-NY12058
1,1-Dichloroethane	75-34-3	NJDEP-NY037,NYSDOH-NY12058
1,1-Dichloroethylene	75-35-4	NJDEP-NY037,NYSDOH-NY12058
1,2,4-Trichlorobenzene	120-82-1	NJDEP-NY037,NYSDOH-NY12058
1,2,4-Trimethylbenzene	95-63-6	NJDEP-NY037,NYSDOH-NY12058
1,2-Dibromoethane	106-93-4	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichlorobenzene	95-50-1	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichloroethane	107-06-2	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichloropropane	78-87-5	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichlorotetrafluoroethane	76-14-2	NJDEP-NY037,NYSDOH-NY12058
1,3,5-Trimethylbenzene	108-67-8	NJDEP-NY037,NYSDOH-NY12058
1,3-Butadiene	106-99-0	NJDEP-NY037,NYSDOH-NY12058
1,3-Dichlorobenzene	541-73-1	NJDEP-NY037,NYSDOH-NY12058
1,4-Dichlorobenzene	106-46-7	NJDEP-NY037,NYSDOH-NY12058
1,4-Dioxane	123-91-1	NJDEP-NY037,NYSDOH-NY12058
2-Butanone	78-93-3	NJDEP-NY037,NYSDOH-NY12058
3-Chloropropene	107-05-1	NJDEP-NY037,NYSDOH-NY12058
4-Methyl-2-pentanone	108-10-1	NJDEP-NY037,NYSDOH-NY12058
Acetone	67-64-1	NJDEP-NY037,NYSDOH-NY12058
Acrylonitrile	107-13-1	NJDEP-NY037,NYSDOH-NY12058
Benzene	71-43-2	NJDEP-NY037,NYSDOH-NY12058
Benzyl chloride	100-44-7	NJDEP-NY037,NYSDOH-NY12058
Bromodichloromethane	75-27-4	NJDEP-NY037,NYSDOH-NY12058
Bromoform	75-25-2	NJDEP-NY037,NYSDOH-NY12058
Bromomethane	74-83-9	NJDEP-NY037,NYSDOH-NY12058
Carbon disulfide	75-15-0	NJDEP-NY037,NYSDOH-NY12058
Carbon tetrachloride	56-23-5	NJDEP-NY037,NYSDOH-NY12058
Chlorobenzene	108-90-7	NJDEP-NY037,NYSDOH-NY12058
Chloroethane	75-00-3	NJDEP-NY037,NYSDOH-NY12058
Chloroform	67-66-3	NJDEP-NY037,NYSDOH-NY12058
Chloromethane	74-87-3	NJDEP-NY037,NYSDOH-NY12058
cis-1,2-Dichloroethylene	156-59-2	NJDEP-NY037,NYSDOH-NY12058
cis-1,3-Dichloropropylene	10061-01-5	NJDEP-NY037,NYSDOH-NY12058
Cyclohexane	110-82-7	NJDEP-NY037,NYSDOH-NY12058
Dibromochloromethane	124-48-1	NJDEP-NY037,NYSDOH-NY12058
Dichlorodifluoromethane	75-71-8	NJDEP-NY037,NYSDOH-NY12058
Ethyl Benzene	100-41-4	NJDEP-NY037,NYSDOH-NY12058
Hexachlorobutadiene	87-68-3	NJDEP-NY037,NYSDOH-NY12058
Isopropanol	67-63-0	NJDEP-NY037,NYSDOH-NY12058
Isopropylbenzene	98-82-8	NJDEP-NY037,NYSDOH-NY12058
Methyl Methacrylate	80-62-6	NJDEP-NY037,NYSDOH-NY12058
Methyl tert-butyl ether (MTBE)	1634-04-4	NJDEP-NY037,NYSDOH-NY12058
Methylene chloride	75-09-2	NJDEP-NY037,NYSDOH-NY12058
n-Heptane	142-82-5	NJDEP-NY037,NYSDOH-NY12058
n-Hexane	110-54-3	NJDEP-NY037,NYSDOH-NY12058
o-Xylene	95-47-6	NJDEP-NY037,NYSDOH-NY12058
p- & m- Xylenes	179601-23-1	NJDEP-NY037,NYSDOH-NY12058
Styrene	100-42-5	NJDEP-NY037,NYSDOH-NY12058
Tetrachloroethylene	127-18-4	NJDEP-NY037,NYSDOH-NY12058

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA TO-15 in Air (Continued)		
Toluene	108-88-3	NJDEP-NY037,NYSDOH-NY12058
trans-1,2-Dichloroethylene	156-60-5	NJDEP-NY037,NYSDOH-NY12058
trans-1,3-Dichloropropylene	10061-02-6	NJDEP-NY037,NYSDOH-NY12058
Trichloroethylene	79-01-6	NJDEP-NY037,NYSDOH-NY12058
Trichlorofluoromethane (Freon 11)	75-69-4	NJDEP-NY037,NYSDOH-NY12058
Vinyl acetate	108-05-4	NJDEP-NY037,NYSDOH-NY12058
Vinyl bromide	593-60-2	NJDEP-NY037,NYSDOH-NY12058
Vinyl Chloride	75-01-4	NJDEP-NY037,NYSDOH-NY12058
Xylenes, Total	1330-20-7	NJDEP-NY037,NYSDOH-NY12058

List of Certifications

Code	Description	Number	Expires
NJDEP-NY037	NJDEP Certification - Queens	NY037	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
A-01	"P & M Xylene is a mixture of two types of xylene. Since the exact proportions are unknown, treat the mixture as one chemical and use a molecular weight of 106.16 for any calculations"

CLP Flags

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

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to report internal standards for RE5 and to add a custom qualifier regarding m&p xylene calculation.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

YORK Project No. 26A1103

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVEDI, DPC	Company: SAME	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address:	Address:	YOUR Project Name: 33 EAST MAIN STREET PAWLING, NY	RUSH - Two Day
Phone: 845-454-2544	Phone:	Phone:		RUSH - Three Day
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVEDI-AE.COM	E-mail: SAMBROSE@PVEDI-AE.COM	E-mail: TALVARADO@PVEDI-AE.COM	YOUR PO#: 20240302	RUSH - Five Day
				Standard (6-9 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print AND sign your name)

Air Matrix Codes

AI: Indoor Ambient Air
AO: Outdoor Amb. Air
AE: Vapor Extraction Well Process Gas/Effluent
AS: Soil Vapor/Sub-Slab

Samples From		Report / EDD Type (circle selections)		
New York	X	(Summary Report)	CT RCP	Standard Excel EDD
New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)
Connecticut		NY ASP A Package	NJDEP Reduced	(NYSDEC EQuIS)
Pennsylvania		(NY ASP B Package)	Deliverables	NJDEP SRP HazSite
Other:			NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sample Start	Sample End	Matrix	Canister Vacuum (inHg) Before	Canister Vacuum (inHg) After	Canister ID #	Flow Cont. ID #	Canister Size (L)	Analysis Requested
SSV-1 20260122	1-22-26 0851	1713	AS	-30"	-4"	20942	17988		VOCs VIA USEPA
AI-1 20260122	0851	1713	AI	-30"	-4"	49565	22303		METHOD TO-15
SSV-2 20260122	0848	1617	AS	-29"	-3"	18304	17895		
AI-2 20260122	0848	1609	AI	-29"	-3"	48313	22309		
SSV-3 20260122	0759	1704	AS	-30"	-7"	48314	22304		
AI-3 20260122	0759	1554	AI	-27"	-2"	48302	19420		
SSV-4 20260122	0806	1550	AS	-30"	-3"	43003	20436		
AI-4 20260122	0806	1622	AI	-30"	-3"	43002	19401		
SSV-5 20260122	0803	1602	AS	-30"	-3"	41932	20950		
AI-5 20260122	0803	1708	AI	-30+"	-4"	18308	21020		

Comments:

Container Ship Date:

Detection Limits Required

≤ 1 ug/m3 _____ NYSDEC V1 Limits _____

Routine Survey _____ Other _____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
PVEDI	1-23-26 9:50	Chris C	1-23-26 9:50	Chris C	1-23-26 1550
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
1/23/26	15:50	1/23/26			1-23-26 21:19
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date / Time Temperature
	1-23-26 23:28				1/27/26

APPENDIX D

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Technical Report

prepared for:

PVE, LLC. (Poughkeepsie)
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Revised and Reissued
See Case Narrative

Report Date: 06/10/2026

Client Project ID: 33 East Main Street Pawling, NY

Project (SDG) No.: 26A1103

Report Date: 06/10/2026
Client Project ID: 33 East Main Street Pawling, NY
Project (SDG) No.: 26A1103

PVE, LLC. (Poughkeepsie)
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

General Notes

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 23, 2026 and listed below. The project was identified as your project: **33 East Main Street Pawling, NY**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Approved By: Samantha Henningsen

Samantha Henningsen
Laboratory Director - Queens

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-01**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.33	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,1-Trichloroethane	ND		0.29	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2,2-Tetrachloroethane	ND		0.30	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.43	1.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1,2-Trichloroethane	ND		0.30	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1-Dichloroethane	ND		0.25	0.62	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,1-Dichloroethylene	ND		0.26	0.30	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2,4-Trichlorobenzene	ND		0.43	57	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2,4-Trimethylbenzene	**7.8**		0.25	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dibromoethane	ND		0.37	1.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichlorobenzene	ND		0.28	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichloroethane	ND		0.29	0.62	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichloropropane	ND		0.24	0.71	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,2-Dichlorotetrafluoroethane	ND		0.55	1.1	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3,5-Trimethylbenzene	**2.0**		0.12	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3-Butadiene	ND		0.10	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,3-Dichlorobenzene	ND		0.26	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* 1,3-Dichloropropane	ND		0.22	0.71	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,4-Dichlorobenzene	ND		0.22	0.92	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1,4-Dioxane	ND		0.58	2.8	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^2,2,4-Trimethylpentane	**2.1**		0.36	0.36	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
2-Butanone	ND		0.77	23	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* 2-Hexanone	ND		0.34	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
3-Chloropropene	ND		0.20	2.4	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
4-Methyl-2-pentanone	ND		0.28	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Acetone	ND		1.9	18	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^Acrolein	ND		0.22	0.35	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Acrylonitrile	ND		3.2	17	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Benzene	**1.2**		0.18	0.49	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Benzyl chloride	ND		0.25	20	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Bromodichloromethane	ND		0.31	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Bromoform	ND		0.67	1.6	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Bromomethane	ND		0.26	0.59	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Carbon disulfide	**1.4**		0.12	0.48	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Carbon tetrachloride	**0.67**		0.29	0.29	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chlorobenzene	ND		0.27	0.70	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloroethane	ND		0.23	0.40	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloroform	ND		0.21	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Chloromethane	ND		0.22	0.32	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
cis-1,2-Dichloroethylene	ND		0.16	0.30	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
cis-1,3-Dichloropropylene	ND		0.27	0.69	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Cyclohexane	**0.79**		0.37	0.53	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-01**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromochloromethane	ND		0.53	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Dichlorodifluoromethane	**1.9**		0.42	0.76	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* Ethyl acetate	ND		0.33	28	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Ethyl Benzene	**4.7**		0.22	0.66	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Hexachlorobutadiene	ND		0.62	1.6	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Isopropanol	**4.4**		0.090	2.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Isopropylbenzene	ND		0.14	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methyl Methacrylate	ND		0.39	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methyl tert-butyl ether (MTBE)	ND		0.17	0.55	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Methylene chloride	ND		0.18	3.2	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* ^Naphthalene	ND		0.55	8.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* n-Butylbenzene	ND		0.25	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
n-Heptane	**1.7**		0.24	0.63	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
n-Hexane	**5.3**		0.17	0.54	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* n-Propylbenzene	**1.4**		0.20	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
o-Xylene	**6.8**		0.23	0.66	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
p- & m- Xylenes	**19**	A-01	0.34	1.3	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* p-Ethyltoluene	**6.1**		0.26	0.75	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* p-Isopropyltoluene	ND		0.15	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* Propylene	**1.1**		0.15	0.26	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* sec-Butylbenzene	ND		0.22	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Styrene	ND		0.20	0.65	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* tert-Butylbenzene	ND		0.32	0.84	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Tetrachloroethylene	ND		0.25	1.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
* Tetrahydrofuran	ND		0.15	0.90	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Toluene	**13**		0.23	0.58	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
trans-1,2-Dichloroethylene	ND		0.15	0.61	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
trans-1,3-Dichloropropylene	ND		0.28	0.69	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Trichloroethylene	ND		0.25	0.25	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.31	0.86	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl acetate	ND		0.27	0.54	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl bromide	ND		0.23	0.67	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Vinyl Chloride	ND		0.16	0.20	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
Xylenes, Total	**26**		0.55	2.0	1.531	ug/m³	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.17	0.56	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,1-Trichloroethane	ND		0.16	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,2,2-Tetrachloroethane	ND		0.16	0.56	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.23	0.63	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1,2-Trichloroethane	ND		0.16	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1-Dichloroethane	ND		0.13	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,1-Dichloroethylene	ND		0.14	0.16	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2,4-Trichlorobenzene	ND		0.23	30	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2,4-Trimethylbenzene	**0.60**		0.14	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dibromoethane	ND		0.20	0.63	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichlorobenzene	ND		0.15	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichloroethane	ND		0.15	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichloropropane	ND		0.13	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,2-Dichlorotetrafluoroethane	ND		0.29	0.57	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3,5-Trimethylbenzene	ND		0.062	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3-Butadiene	ND		0.056	0.54	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,3-Dichlorobenzene	ND		0.14	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* 1,3-Dichloropropane	ND		0.12	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,4-Dichlorobenzene	ND		0.12	0.49	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1,4-Dioxane	ND		0.31	1.5	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^2,2,4-Trimethylpentane	**1.1**		0.19	0.19	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
2-Butanone	ND		0.41	12	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* 2-Hexanone	ND		0.18	0.67	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
3-Chloropropene	ND		0.11	1.3	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
4-Methyl-2-pentanone	**1.1**		0.15	0.34	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Acetone	**43**		1.0	9.7	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^Acrolein	ND		0.12	0.19	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Acrylonitrile	ND		1.7	8.9	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Benzene	**0.99**		0.094	0.26	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Benzyl chloride	ND		0.13	11	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromodichloromethane	ND		0.16	0.55	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromoform	ND		0.36	0.85	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Bromomethane	ND		0.14	0.32	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Carbon disulfide	ND		0.065	0.25	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Carbon tetrachloride	**0.57**		0.15	0.15	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chlorobenzene	ND		0.14	0.38	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloroethane	ND		0.12	0.22	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloroform	ND		0.11	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Chloromethane	**1.3**		0.12	0.17	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
cis-1,2-Dichloroethylene	ND		0.083	0.16	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
cis-1,3-Dichloropropylene	ND		0.15	0.37	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Cyclohexane	**0.31**		0.20	0.28	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Dibromochloromethane	ND		0.28	0.70	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-02**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-1 20260122	**Collection Date/Time:**	1/22/26 17:13

Lab ID:	**26A1103-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.6**		0.23	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* Ethyl acetate	ND		0.18	15	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Ethyl Benzene	**0.75**		0.12	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Hexachlorobutadiene	ND		0.33	0.87	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Isopropanol	**22**		0.048	1.2	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Isopropylbenzene	ND		0.072	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methyl Methacrylate	ND		0.21	0.33	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methyl tert-butyl ether (MTBE)	ND		0.091	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Methylene chloride	ND		0.095	1.7	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* ^Naphthalene	ND		0.30	4.3	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* n-Butylbenzene	ND		0.13	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
n-Heptane	**6.1**		0.13	0.34	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
n-Hexane	**2.2**		0.091	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* n-Propylbenzene	ND		0.10	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
o-Xylene	**0.85**		0.12	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
p- & m- Xylenes	**2.1**	A-01	0.18	0.71	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* p-Ethyltoluene	**0.52**		0.14	0.40	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* p-Isopropyltoluene	ND		0.081	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* Propylene	**1.4**		0.080	0.14	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* sec-Butylbenzene	ND		0.12	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Styrene	**0.84**		0.11	0.35	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* tert-Butylbenzene	ND		0.17	0.45	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Tetrachloroethylene	ND		0.13	0.55	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
* Tetrahydrofuran	ND		0.081	0.48	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Toluene	**7.0**		0.12	0.31	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
trans-1,2-Dichloroethylene	ND		0.078	0.32	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
trans-1,3-Dichloropropylene	ND		0.15	0.37	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Trichloroethylene	ND		0.13	0.13	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.17	0.46	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl acetate	ND		0.15	0.29	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl bromide	ND		0.13	0.36	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Vinyl Chloride	ND		0.084	0.10	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
Xylenes, Total	**3.0**		0.29	1.1	0.818	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.33	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,1-Trichloroethane	ND		0.30	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2,2-Tetrachloroethane	ND		0.30	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.43	1.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1,2-Trichloroethane	ND		0.30	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1-Dichloroethane	ND		0.26	0.63	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,1-Dichloroethylene	ND		0.27	0.31	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2,4-Trichlorobenzene	ND		0.44	58	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2,4-Trimethylbenzene	**6.8**		0.26	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dibromoethane	ND		0.37	1.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichlorobenzene	ND		0.29	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichloroethane	ND		0.29	0.63	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichloropropane	ND		0.24	0.72	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,2-Dichlorotetrafluoroethane	ND		0.55	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3,5-Trimethylbenzene	**1.8**		0.12	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3-Butadiene	ND		0.11	1.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,3-Dichlorobenzene	ND		0.26	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* 1,3-Dichloropropane	ND		0.22	0.72	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,4-Dichlorobenzene	ND		0.22	0.93	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1,4-Dioxane	ND		0.59	2.8	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^2,2,4-Trimethylpentane	**3.2**		0.36	0.36	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
2-Butanone	ND		0.78	23	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* 2-Hexanone	ND		0.34	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
3-Chloropropene	ND		0.21	2.4	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
4-Methyl-2-pentanone	ND		0.28	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Acetone	**24**		1.9	18	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^Acrolein	ND		0.22	0.36	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Acrylonitrile	ND		3.2	17	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Benzene	**1.2**		0.18	0.50	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Benzyl chloride	ND		0.25	20	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromodichloromethane	ND		0.31	1.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromoform	ND		0.68	1.6	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Bromomethane	ND		0.26	0.60	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Carbon disulfide	ND		0.12	0.48	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Carbon tetrachloride	**0.98**		0.29	0.29	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chlorobenzene	ND		0.27	0.71	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloroethane	ND		0.23	0.41	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloroform	ND		0.21	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Chloromethane	ND		0.23	0.32	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
cis-1,2-Dichloroethylene	ND		0.16	0.31	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
cis-1,3-Dichloropropylene	ND		0.28	0.70	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Cyclohexane	**1.1**		0.37	0.53	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Dibromochloromethane	ND		0.54	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-03**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-2 20260122	**Collection Date/Time:**	1/22/26 16:17

Lab ID:	**26A1103-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.9**		0.43	0.77	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Ethyl acetate	ND		0.34	28	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Ethyl Benzene	**4.9**		0.23	0.67	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Hexachlorobutadiene	ND		0.63	1.7	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Isopropanol	**2.6**		0.092	2.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Isopropylbenzene	ND		0.14	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methyl Methacrylate	ND		0.39	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methyl tert-butyl ether (MTBE)	ND		0.17	0.56	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Methylene chloride	ND		0.18	3.2	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* ^Naphthalene	ND		0.56	8.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* n-Butylbenzene	ND		0.25	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
n-Heptane	**2.0**		0.24	0.64	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
n-Hexane	**8.9**		0.17	0.55	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* n-Propylbenzene	**1.2**		0.20	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
o-Xylene	**7.0**		0.24	0.67	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
p- & m- Xylenes	**20**	A-01	0.35	1.3	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* p-Ethyltoluene	**5.5**		0.27	0.76	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* p-Isopropyltoluene	ND		0.15	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Propylene	ND		0.15	0.27	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* sec-Butylbenzene	ND		0.22	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Styrene	ND		0.20	0.66	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* tert-Butylbenzene	ND		0.33	0.85	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Tetrachloroethylene	ND		0.25	1.1	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
* Tetrahydrofuran	**1.6**		0.15	0.92	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Toluene	**15**		0.23	0.59	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
trans-1,2-Dichloroethylene	ND		0.15	0.62	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
trans-1,3-Dichloropropylene	ND		0.28	0.70	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Trichloroethylene	ND		0.25	0.25	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Trichlorofluoromethane (Freon 11)	**0.96**		0.31	0.87	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl acetate	ND		0.28	0.55	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl bromide	ND		0.24	0.68	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Vinyl Chloride	ND		0.16	0.20	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
Xylenes, Total	**27**		0.56	2.0	1.553	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.17	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,1-Trichloroethane	ND		0.15	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2,2-Tetrachloroethane	ND		0.16	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.22	0.62	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1,2-Trichloroethane	ND		0.16	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1-Dichloroethane	ND		0.13	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,1-Dichloroethylene	ND		0.14	0.16	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2,4-Trichlorobenzene	ND		0.23	30	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2,4-Trimethylbenzene	**0.91**		0.13	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dibromoethane	ND		0.19	0.62	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichlorobenzene	ND		0.15	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichloroethane	ND		0.15	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichloropropane	ND		0.13	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,2-Dichlorotetrafluoroethane	ND		0.29	0.56	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,3,5-Trimethylbenzene	ND		0.061	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,3-Butadiene	ND		0.055	0.53	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,3-Dichlorobenzene	ND		0.14	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* 1,3-Dichloropropane	ND		0.12	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,4-Dichlorobenzene	ND		0.12	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1,4-Dioxane	ND		0.30	1.5	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^2,2,4-Trimethylpentane	**3.2**		0.19	0.19	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
2-Butanone	ND		0.40	12	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* 2-Hexanone	ND		0.18	0.66	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
3-Chloropropene	ND		0.11	1.3	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
4-Methyl-2-pentanone	**1.7**		0.15	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Acetone	**51**		0.99	9.6	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^Acrolein	ND		0.11	0.18	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Acrylonitrile	ND		1.7	8.7	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Benzene	**1.4**		0.093	0.26	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Benzyl chloride	ND		0.13	10	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromodichloromethane	ND		0.16	0.54	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromoform	ND		0.35	0.83	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Bromomethane	ND		0.14	0.31	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Carbon disulfide	ND		0.065	0.25	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Carbon tetrachloride	**1.1**		0.15	0.15	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chlorobenzene	ND		0.14	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloroethane	ND		0.12	0.21	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloroform	ND		0.11	0.39	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Chloromethane	**1.2**		0.12	0.17	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
cis-1,2-Dichloroethylene	ND		0.082	0.16	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
cis-1,3-Dichloropropylene	ND		0.14	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Cyclohexane	**0.86**		0.19	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Dibromochloromethane	ND		0.28	0.69	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-04**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-2 20260122	**Collection Date/Time:**	1/22/26 16:09

Lab ID:	**26A1103-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.6**		0.22	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Ethyl acetate	ND		0.17	15	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Ethyl Benzene	**1.2**		0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Hexachlorobutadiene	ND		0.33	0.86	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Isopropanol	**18**		0.048	1.2	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Isopropylbenzene	ND		0.071	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methyl Methacrylate	ND		0.20	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methyl tert-butyl ether (MTBE)	ND		0.089	0.29	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Methylene chloride	ND		0.094	1.7	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* ^Naphthalene	ND		0.29	4.2	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* n-Butylbenzene	ND		0.13	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
n-Heptane	**4.6**		0.13	0.33	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
n-Hexane	**9.0**		0.089	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* n-Propylbenzene	ND		0.10	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
o-Xylene	**1.4**		0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
p- & m- Xylenes	**3.8**	A-01	0.18	0.70	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* p-Ethyltoluene	**0.79**		0.14	0.40	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* p-Isopropyltoluene	ND		0.080	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Propylene	**1.4**		0.079	0.14	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* sec-Butylbenzene	ND		0.11	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Styrene	**0.79**		0.11	0.34	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* tert-Butylbenzene	ND		0.17	0.44	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Tetrachloroethylene	ND		0.13	0.55	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
* Tetrahydrofuran	ND		0.080	0.48	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Toluene	**7.9**		0.12	0.30	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
trans-1,2-Dichloroethylene	ND		0.077	0.32	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
trans-1,3-Dichloropropylene	ND		0.15	0.37	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Trichloroethylene	ND		0.13	0.13	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.16	0.45	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl acetate	ND		0.14	0.28	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl bromide	ND		0.12	0.35	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Vinyl Chloride	ND		0.082	0.10	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
Xylenes, Total	**5.2**		0.29	1.0	0.806	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.37	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,1-Trichloroethane	ND		0.33	0.94	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2,2-Tetrachloroethane	ND		0.34	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.48	1.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1,2-Trichloroethane	ND		0.34	0.94	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1-Dichloroethane	ND		0.28	0.70	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,1-Dichloroethylene	ND		0.30	0.34	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2,4-Trichlorobenzene	ND		0.49	64	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2,4-Trimethylbenzene	**8.8**		0.29	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dibromoethane	ND		0.42	1.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichlorobenzene	ND		0.32	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichloroethane	ND		0.32	0.70	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichloropropane	ND		0.27	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,2-Dichlorotetrafluoroethane	ND		0.62	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3,5-Trimethylbenzene	**2.2**		0.13	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3-Butadiene	ND		0.12	1.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,3-Dichlorobenzene	ND		0.29	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* 1,3-Dichloropropane	ND		0.25	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,4-Dichlorobenzene	ND		0.25	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1,4-Dioxane	ND		0.65	3.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* ^2,2,4-Trimethylpentane	**5.0**		0.40	0.40	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
2-Butanone	ND		0.87	26	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* 2-Hexanone	ND		0.38	1.4	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
3-Chloropropene	ND		0.23	2.7	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
4-Methyl-2-pentanone	**3.0**		0.31	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Acetone	**350**		8.5	82	6.92	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 07:07	YR
* ^Acrolein	ND		0.25	0.40	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Acrylonitrile	ND		3.6	19	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Benzene	**1.8**		0.20	0.55	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Benzyl chloride	ND		0.28	22	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromodichloromethane	ND		0.35	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromoform	ND		0.76	1.8	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Bromomethane	ND		0.29	0.67	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Carbon disulfide	**1.1**		0.14	0.54	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Carbon tetrachloride	**1.5**		0.33	0.33	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chlorobenzene	ND		0.30	0.80	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloroethane	ND		0.26	0.46	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloroform	**3.6**		0.24	0.84	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Chloromethane	ND		0.25	0.36	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
cis-1,2-Dichloroethylene	ND		0.18	0.34	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
cis-1,3-Dichloropropylene	ND		0.31	0.79	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Cyclohexane	**1.5**		0.42	0.60	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Dibromochloromethane	ND		0.60	1.5	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-05**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-3 20260122	**Collection Date/Time:**	1/22/26 17:04

Lab ID:	**26A1103-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**2.0**		0.48	0.86	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Ethyl acetate	ND		0.37	31	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Ethyl Benzene	**6.8**		0.25	0.75	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Hexachlorobutadiene	ND		0.70	1.8	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Isopropanol	**7.5**		0.10	2.6	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Isopropylbenzene	ND		0.15	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Methyl Methacrylate	ND		0.44	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Methyl tert-butyl ether (MTBE)	ND		0.19	0.62	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Methylene chloride	ND		0.20	3.6	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* ^Naphthalene	ND		0.62	9.1	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* n-Butylbenzene	ND		0.28	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
n-Heptane	**2.9**		0.27	0.71	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
n-Hexane	**16**		0.19	0.61	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* n-Propylbenzene	**1.6**		0.22	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
o-Xylene	**9.5**		0.26	0.75	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
p- & m- Xylenes	**27**	A-01	0.39	1.5	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* p-Ethyltoluene	**7.1**		0.30	0.85	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* p-Isopropyltoluene	ND		0.17	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Propylene	**1.8**		0.17	0.30	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* sec-Butylbenzene	ND		0.24	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Styrene	ND		0.23	0.74	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* tert-Butylbenzene	ND		0.36	0.95	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Tetrachloroethylene	ND		0.28	1.2	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
* Tetrahydrofuran	**2.9**		0.17	1.0	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Toluene	**21**		0.26	0.65	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
trans-1,2-Dichloroethylene	ND		0.16	0.69	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
trans-1,3-Dichloropropylene	ND		0.31	0.79	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Trichloroethylene	ND		0.28	0.28	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Trichlorofluoromethane (Freon 11)	**0.97**		0.35	0.97	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl acetate	ND		0.31	0.61	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl bromide	ND		0.26	0.76	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Vinyl Chloride	ND		0.18	0.22	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
Xylenes, Total	**36**		0.62	2.3	1.73	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.16	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,1-Trichloroethane	ND		0.15	0.42	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2,2-Tetrachloroethane	ND		0.15	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.22	0.59	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1,2-Trichloroethane	ND		0.15	0.42	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1-Dichloroethane	ND		0.13	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,1-Dichloroethylene	ND		0.13	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2,4-Trichlorobenzene	ND		0.22	29	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2,4-Trimethylbenzene	**0.69**		0.13	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dibromoethane	ND		0.19	0.60	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichlorobenzene	ND		0.14	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichloroethane	ND		0.14	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichloropropane	ND		0.12	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,2-Dichlorotetrafluoroethane	ND		0.28	0.54	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3,5-Trimethylbenzene	ND		0.058	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3-Butadiene	**0.58**		0.053	0.51	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,3-Dichlorobenzene	ND		0.13	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* 1,3-Dichloropropane	ND		0.11	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,4-Dichlorobenzene	ND		0.11	0.47	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1,4-Dioxane	ND		0.29	1.4	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^2,2,4-Trimethylpentane	**2.3**		0.18	0.18	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
2-Butanone	ND		0.39	11	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* 2-Hexanone	ND		0.17	0.63	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
3-Chloropropene	ND		0.10	1.2	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
4-Methyl-2-pentanone	ND		0.14	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Acetone	**22**		0.95	9.2	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^Acrolein	ND		0.11	0.18	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Acrylonitrile	ND		1.6	8.4	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Benzene	**1.3**		0.089	0.25	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Benzyl chloride	ND		0.12	10	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Bromodichloromethane	ND		0.16	0.52	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Bromoform	ND		0.34	0.80	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Bromomethane	ND		0.13	0.30	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Carbon disulfide	ND		0.062	0.24	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Carbon tetrachloride	**0.98**		0.15	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chlorobenzene	ND		0.14	0.36	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloroethane	ND		0.12	0.20	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloroform	**0.38**		0.11	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Chloromethane	**1.2**		0.11	0.16	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
cis-1,2-Dichloroethylene	ND		0.079	0.15	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
cis-1,3-Dichloropropylene	ND		0.14	0.35	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Cyclohexane	**0.64**		0.19	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Dibromochloromethane	ND		0.27	0.66	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-06**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-3 20260122	**Collection Date/Time:**	1/22/26 15:54

Lab ID:	**26A1103-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.7**		0.21	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* Ethyl acetate	ND		0.17	14	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Ethyl Benzene	**0.71**		0.11	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Hexachlorobutadiene	ND		0.32	0.83	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Isopropanol	**6.5**		0.046	1.1	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Isopropylbenzene	ND		0.069	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methyl Methacrylate	ND		0.20	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methyl tert-butyl ether (MTBE)	ND		0.086	0.28	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Methylene chloride	ND		0.090	1.6	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* ^Naphthalene	ND		0.28	4.1	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* n-Butylbenzene	ND		0.13	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
n-Heptane	**2.4**		0.12	0.32	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
n-Hexane	**6.5**		0.086	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* n-Propylbenzene	ND		0.099	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
o-Xylene	**0.84**		0.12	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
p- & m- Xylenes	**2.2**	A-01	0.17	0.67	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* p-Ethyltoluene	**0.57**		0.13	0.38	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* p-Isopropyltoluene	ND		0.077	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* Propylene	**2.5**		0.076	0.13	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* sec-Butylbenzene	ND		0.11	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Styrene	ND		0.10	0.33	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* tert-Butylbenzene	ND		0.16	0.43	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Tetrachloroethylene	ND		0.13	0.53	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
* Tetrahydrofuran	**1.8**		0.077	0.46	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Toluene	**4.8**		0.12	0.29	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
trans-1,2-Dichloroethylene	ND		0.074	0.31	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
trans-1,3-Dichloropropylene	ND		0.14	0.35	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Trichloroethylene	ND		0.12	0.12	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.16	0.44	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl acetate	ND		0.14	0.27	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl bromide	ND		0.12	0.34	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Vinyl Chloride	ND		0.079	0.099	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
Xylenes, Total	**3.0**		0.28	1.0	0.775	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.30	0.97	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,1-Trichloroethane	ND		0.27	0.77	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,2,2-Tetrachloroethane	ND		0.27	0.97	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.39	1.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1,2-Trichloroethane	ND		0.27	0.77	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1-Dichloroethane	ND		0.23	0.57	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,1-Dichloroethylene	ND		0.24	0.28	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2,4-Trichlorobenzene	ND		0.40	52	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2,4-Trimethylbenzene	**7.1**		0.23	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dibromoethane	ND		0.34	1.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichlorobenzene	ND		0.26	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichloroethane	ND		0.26	0.57	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichloropropane	ND		0.22	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,2-Dichlorotetrafluoroethane	ND		0.50	0.99	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3,5-Trimethylbenzene	**1.9**		0.11	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3-Butadiene	ND		0.097	0.94	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,3-Dichlorobenzene	ND		0.24	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* 1,3-Dichloropropane	ND		0.20	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,4-Dichlorobenzene	ND		0.20	0.85	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1,4-Dioxane	ND		0.53	2.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^2,2,4-Trimethylpentane	**13**		0.33	0.33	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
2-Butanone	ND		0.71	21	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* 2-Hexanone	ND		0.31	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
3-Chloropropene	ND		0.19	2.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
4-Methyl-2-pentanone	ND		0.26	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Acetone	**85**		1.7	17	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^Acrolein	ND		0.20	0.32	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Acrylonitrile	ND		2.9	15	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Benzene	**3.7**		0.16	0.45	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Benzyl chloride	ND		0.23	18	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromodichloromethane	ND		0.28	0.95	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromoform	ND		0.62	1.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Bromomethane	ND		0.24	0.55	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Carbon disulfide	ND		0.11	0.44	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Carbon tetrachloride	**3.8**		0.27	0.27	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chlorobenzene	ND		0.25	0.65	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloroethane	ND		0.21	0.37	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloroform	**1.3**		0.19	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Chloromethane	**0.52**		0.21	0.29	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
cis-1,2-Dichloroethylene	ND		0.14	0.28	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
cis-1,3-Dichloropropylene	ND		0.25	0.64	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Cyclohexane	**3.5**		0.34	0.49	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Dibromochloromethane	ND		0.49	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-07**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-4 20260122	**Collection Date/Time:**	1/22/26 15:50

Lab ID:	**26A1103-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**2.1**		0.39	0.70	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* Ethyl acetate	**47**		0.31	25	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Ethyl Benzene	**6.5**		0.21	0.61	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Hexachlorobutadiene	ND		0.58	1.5	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Isopropanol	**5.4**		0.083	2.1	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Isopropylbenzene	ND		0.12	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methyl Methacrylate	ND		0.36	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methyl tert-butyl ether (MTBE)	ND		0.16	0.51	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Methylene chloride	ND		0.16	2.9	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* ^Naphthalene	ND		0.51	7.4	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* n-Butylbenzene	ND		0.23	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
n-Heptane	**9.5**		0.22	0.58	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
n-Hexane	**42**		0.16	0.50	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* n-Propylbenzene	**1.4**		0.18	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
o-Xylene	**8.5**		0.21	0.61	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
p- & m- Xylenes	**24**	A-01	0.31	1.2	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* p-Ethyltoluene	**6.0**		0.24	0.69	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* p-Isopropyltoluene	ND		0.14	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* Propylene	**4.5**		0.14	0.24	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* sec-Butylbenzene	ND		0.20	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Styrene	ND		0.18	0.60	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* tert-Butylbenzene	ND		0.30	0.78	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Tetrachloroethylene	ND		0.23	0.96	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
* Tetrahydrofuran	ND		0.14	0.83	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Toluene	**25**		0.21	0.53	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
trans-1,2-Dichloroethylene	ND		0.13	0.56	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
trans-1,3-Dichloropropylene	ND		0.26	0.64	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Trichloroethylene	ND		0.23	0.23	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Trichlorofluoromethane (Freon 11)	**1.1**		0.29	0.79	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl acetate	ND		0.25	0.50	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl bromide	ND		0.22	0.62	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Vinyl Chloride	ND		0.14	0.18	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
Xylenes, Total	**33**		0.51	1.8	1.412	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.16	0.52	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,1-Trichloroethane	ND		0.14	0.41	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2,2-Tetrachloroethane	ND		0.15	0.52	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.21	0.58	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1,2-Trichloroethane	ND		0.15	0.41	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1-Dichloroethane	ND		0.12	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,1-Dichloroethylene	ND		0.13	0.15	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2,4-Trichlorobenzene	ND		0.21	28	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2,4-Trimethylbenzene	**0.41**		0.13	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dibromoethane	ND		0.18	0.58	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichlorobenzene	ND		0.14	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichloroethane	ND		0.14	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichloropropane	ND		0.12	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,2-Dichlorotetrafluoroethane	ND		0.27	0.53	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3,5-Trimethylbenzene	ND		0.057	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3-Butadiene	ND		0.052	0.50	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,3-Dichlorobenzene	ND		0.13	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* 1,3-Dichloropropane	ND		0.11	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,4-Dichlorobenzene	ND		0.11	0.46	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1,4-Dioxane	ND		0.29	1.4	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^2,2,4-Trimethylpentane	**0.78**		0.18	0.18	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
2-Butanone	ND		0.38	11	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* 2-Hexanone	ND		0.17	0.62	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
3-Chloropropene	ND		0.10	1.2	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
4-Methyl-2-pentanone	ND		0.14	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Acetone	**14**		0.93	9.0	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^Acrolein	ND		0.11	0.17	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Acrylonitrile	ND		1.6	8.2	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Benzene	**0.90**		0.087	0.24	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Benzyl chloride	ND		0.12	9.8	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromodichloromethane	ND		0.15	0.51	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromoform	ND		0.33	0.78	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Bromomethane	ND		0.13	0.29	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Carbon disulfide	ND		0.061	0.24	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Carbon tetrachloride	**0.48**		0.14	0.14	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chlorobenzene	ND		0.13	0.35	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloroethane	ND		0.11	0.20	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloroform	ND		0.10	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Chloromethane	**1.2**		0.11	0.16	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
cis-1,2-Dichloroethylene	ND		0.077	0.15	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
cis-1,3-Dichloropropylene	ND		0.14	0.34	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Cyclohexane	ND		0.18	0.26	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Dibromochloromethane	ND		0.26	0.65	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-08**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-4 20260122	**Collection Date/Time:**	1/22/26 16:22

Lab ID:	**26A1103-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.7**		0.21	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Ethyl acetate	ND		0.16	14	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Ethyl Benzene	**0.36**		0.11	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Hexachlorobutadiene	ND		0.31	0.81	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Isopropanol	**2.2**		0.045	1.1	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Isopropylbenzene	ND		0.067	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methyl Methacrylate	ND		0.19	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methyl tert-butyl ether (MTBE)	ND		0.084	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Methylene chloride	ND		0.088	1.6	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* ^Naphthalene	ND		0.27	4.0	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* n-Butylbenzene	ND		0.12	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
n-Heptane	**1.0**		0.12	0.31	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
n-Hexane	**1.6**		0.084	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* n-Propylbenzene	ND		0.097	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
o-Xylene	**0.43**		0.12	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
p- & m- Xylenes	**1.0**	A-01	0.17	0.66	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* p-Ethyltoluene	ND		0.13	0.37	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* p-Isopropyltoluene	ND		0.075	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Propylene	**1.8**		0.074	0.13	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* sec-Butylbenzene	ND		0.11	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Styrene	ND		0.099	0.32	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* tert-Butylbenzene	ND		0.16	0.42	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Tetrachloroethylene	ND		0.12	0.51	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
* Tetrahydrofuran	**0.85**		0.075	0.45	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Toluene	**2.1**		0.11	0.29	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
trans-1,2-Dichloroethylene	ND		0.072	0.30	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
trans-1,3-Dichloropropylene	ND		0.14	0.34	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Trichloroethylene	ND		0.12	0.12	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Trichlorofluoromethane (Freon 11)	**0.98**		0.15	0.43	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl acetate	ND		0.13	0.27	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl bromide	ND		0.12	0.33	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Vinyl Chloride	ND		0.078	0.097	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
Xylenes, Total	**1.4**		0.27	0.99	0.758	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.32	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,1-Trichloroethane	ND		0.29	0.82	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2,2-Tetrachloroethane	ND		0.29	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.42	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1,2-Trichloroethane	ND		0.29	0.82	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1-Dichloroethane	ND		0.25	0.61	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,1-Dichloroethylene	ND		0.26	0.30	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2,4-Trichlorobenzene	ND		0.43	56	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2,4-Trimethylbenzene	**8.1**		0.25	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dibromoethane	ND		0.36	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichlorobenzene	ND		0.28	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichloroethane	ND		0.28	0.61	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichloropropane	ND		0.23	0.69	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,2-Dichlorotetrafluoroethane	ND		0.54	1.1	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,3,5-Trimethylbenzene	**2.1**		0.11	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,3-Butadiene	ND		0.10	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,3-Dichlorobenzene	ND		0.26	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* 1,3-Dichloropropane	ND		0.22	0.70	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,4-Dichlorobenzene	ND		0.22	0.90	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1,4-Dioxane	ND		0.57	2.7	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^2,2,4-Trimethylpentane	**8.8**		0.35	0.35	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
2-Butanone	ND		0.75	22	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* 2-Hexanone	ND		0.33	1.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
3-Chloropropene	ND		0.20	2.4	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
4-Methyl-2-pentanone	ND		0.27	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Acetone	ND		1.9	18	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^Acrolein	ND		0.21	0.34	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Acrylonitrile	ND		3.1	16	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Benzene	**1.5**		0.17	0.48	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Benzyl chloride	ND		0.24	19	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromodichloromethane	ND		0.30	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromoform	ND		0.66	1.6	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Bromomethane	ND		0.26	0.58	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Carbon disulfide	**1.9**		0.12	0.47	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Carbon tetrachloride	**0.95**		0.28	0.28	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chlorobenzene	ND		0.26	0.69	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloroethane	ND		0.22	0.40	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloroform	**2.1**		0.21	0.73	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Chloromethane	ND		0.22	0.31	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
cis-1,2-Dichloroethylene	ND		0.15	0.30	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
cis-1,3-Dichloropropylene	ND		0.27	0.68	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Cyclohexane	**1.2**		0.36	0.52	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Dibromochloromethane	ND		0.52	1.3	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

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Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-09**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	SSV-5 20260122	**Collection Date/Time:**	1/22/26 16:02

Lab ID:	**26A1103-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.9**		0.42	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Ethyl acetate	ND		0.33	27	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Ethyl Benzene	**5.6**		0.22	0.65	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Hexachlorobutadiene	ND		0.61	1.6	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Isopropanol	ND		0.089	2.2	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Isopropylbenzene	ND		0.13	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methyl Methacrylate	ND		0.38	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methyl tert-butyl ether (MTBE)	ND		0.17	0.54	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Methylene chloride	ND		0.18	3.1	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* ^Naphthalene	ND		0.54	7.9	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* n-Butylbenzene	ND		0.25	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
n-Heptane	**2.3**		0.23	0.62	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
n-Hexane	**12**		0.17	0.53	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* n-Propylbenzene	**1.5**		0.19	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
o-Xylene	**8.0**		0.23	0.65	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
p- & m- Xylenes	**23**	A-01	0.34	1.3	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* p-Ethyltoluene	**6.7**		0.26	0.74	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* p-Isopropyltoluene	ND		0.15	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Propylene	ND		0.15	0.26	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* sec-Butylbenzene	ND		0.21	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Styrene	ND		0.20	0.64	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* tert-Butylbenzene	ND		0.32	0.83	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Tetrachloroethylene	ND		0.24	1.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
* Tetrahydrofuran	**2.1**		0.15	0.89	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Toluene	**17**		0.23	0.57	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
trans-1,2-Dichloroethylene	ND		0.14	0.60	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
trans-1,3-Dichloropropylene	ND		0.27	0.68	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Trichloroethylene	ND		0.24	0.24	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.30	0.85	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl acetate	ND		0.27	0.53	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl bromide	ND		0.23	0.66	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Vinyl Chloride	ND		0.15	0.19	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
Xylenes, Total	**31**		0.54	2.0	1.504	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

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

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* 1,1,1,2-Tetrachloroethane	ND		0.15	0.50	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,1-Trichloroethane	ND		0.14	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2,2-Tetrachloroethane	ND		0.14	0.50	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.20	0.56	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1,2-Trichloroethane	ND		0.14	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1-Dichloroethane	ND		0.12	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,1-Dichloroethylene	ND		0.12	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2,4-Trichlorobenzene	ND		0.21	27	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2,4-Trimethylbenzene	**0.36**		0.12	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dibromoethane	ND		0.18	0.56	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichlorobenzene	ND		0.13	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichloroethane	ND		0.14	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichloropropane	ND		0.11	0.34	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,2-Dichlorotetrafluoroethane	ND		0.26	0.51	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3,5-Trimethylbenzene	ND		0.055	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3-Butadiene	ND		0.050	0.48	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,3-Dichlorobenzene	ND		0.12	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* 1,3-Dichloropropane	ND		0.10	0.34	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,4-Dichlorobenzene	ND		0.10	0.44	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1,4-Dioxane	ND		0.27	1.3	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^2,2,4-Trimethylpentane	**0.51**		0.17	0.17	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
2-Butanone	ND		0.36	11	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* 2-Hexanone	ND		0.16	0.59	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
3-Chloropropene	ND		0.096	1.1	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
4-Methyl-2-pentanone	ND		0.13	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Acetone	**11**		0.89	8.6	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^Acrolein	ND		0.10	0.17	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Acrylonitrile	ND		1.5	7.9	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Benzene	**0.81**		0.083	0.23	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Benzyl chloride	ND		0.12	9.4	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromodichloromethane	ND		0.15	0.49	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromoform	ND		0.32	0.75	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Bromomethane	ND		0.12	0.28	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Carbon disulfide	ND		0.058	0.23	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Carbon tetrachloride	**0.41**		0.14	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chlorobenzene	ND		0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloroethane	ND		0.11	0.19	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloroform	ND		0.099	0.35	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Chloromethane	**1.2**		0.11	0.15	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
cis-1,2-Dichloroethylene	ND		0.074	0.14	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
cis-1,3-Dichloropropylene	ND		0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Cyclohexane	ND		0.17	0.25	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Dibromochloromethane	ND		0.25	0.62	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

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

Client:	PVE, LLC. (Poughkeepsie)	**Sample ID:**	**26A1103-10**
Client Project:	33 East Main Street Pawling, NY	**Date Received:**	01/23/2026
Client Sample ID:	AI-5 20260122	**Collection Date/Time:**	1/22/26 17:08

Lab ID:	**26A1103-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	Sample Prepared by Method: EPA TO15 PREP		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	**1.8**		0.20	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Ethyl acetate	ND		0.16	13	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Ethyl Benzene	ND		0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Hexachlorobutadiene	ND		0.30	0.77	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Isopropanol	**1.9**		0.043	1.1	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Isopropylbenzene	ND		0.064	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Methyl Methacrylate	ND		0.18	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Methyl tert-butyl ether (MTBE)	ND		0.080	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Methylene chloride	ND		0.085	1.5	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* ^Naphthalene	ND		0.26	3.8	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* n-Butylbenzene	ND		0.12	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
n-Heptane	**0.89**		0.11	0.30	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
n-Hexane	**0.87**		0.080	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* n-Propylbenzene	ND		0.093	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
o-Xylene	**0.32**		0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
p- & m- Xylenes	**0.82**	A-01	0.16	0.63	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* p-Ethyltoluene	ND		0.12	0.36	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* p-Isopropyltoluene	ND		0.072	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Propylene	**1.7**		0.071	0.12	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* sec-Butylbenzene	ND		0.10	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Styrene	ND		0.095	0.31	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* tert-Butylbenzene	ND		0.15	0.40	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Tetrachloroethylene	ND		0.12	0.49	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
* Tetrahydrofuran	**0.81**		0.072	0.43	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Toluene	**1.6**		0.11	0.27	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
trans-1,2-Dichloroethylene	ND		0.069	0.29	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
trans-1,3-Dichloropropylene	ND		0.13	0.33	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Trichloroethylene	ND		0.12	0.12	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Trichlorofluoromethane (Freon 11)	**1.0**		0.15	0.41	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl acetate	ND		0.13	0.26	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl bromide	ND		0.11	0.32	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Vinyl Chloride	ND		0.074	0.093	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
Xylenes, Total	**1.1**		0.26	0.95	0.726	ug/m³	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

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

CERTIFICATE OF ANALYSIS

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY

Volatile Organic Compounds in Air by GC/MS

Client Sample Id:	Lab Sample Id:	Matrix:
SSV-1 20260122	26A1103-01	Soil Vapor
AI-1 20260122	26A1103-02	Indoor Ambient Air
SSV-2 20260122	26A1103-03	Soil Vapor
AI-2 20260122	26A1103-04	Indoor Ambient Air
SSV-3 20260122	26A1103-05	Soil Vapor
SSV-3 20260122	26A1103-05RE1	Soil Vapor
AI-3 20260122	26A1103-06	Indoor Ambient Air
SSV-4 20260122	26A1103-07	Soil Vapor
AI-4 20260122	26A1103-08	Indoor Ambient Air
SSV-5 20260122	26A1103-09	Soil Vapor
AI-5 20260122	26A1103-10	Indoor Ambient Air

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA TO-15 in Air		
1,1,1-Trichloroethane	71-55-6	NJDEP-NY037,NYSDOH-NY12058
1,1,2,2-Tetrachloroethane	79-34-5	NJDEP-NY037,NYSDOH-NY12058
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NJDEP-NY037,NYSDOH-NY12058
1,1,2-Trichloroethane	79-00-5	NJDEP-NY037,NYSDOH-NY12058
1,1-Dichloroethane	75-34-3	NJDEP-NY037,NYSDOH-NY12058
1,1-Dichloroethylene	75-35-4	NJDEP-NY037,NYSDOH-NY12058
1,2,4-Trichlorobenzene	120-82-1	NJDEP-NY037,NYSDOH-NY12058
1,2,4-Trimethylbenzene	95-63-6	NJDEP-NY037,NYSDOH-NY12058
1,2-Dibromoethane	106-93-4	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichlorobenzene	95-50-1	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichloroethane	107-06-2	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichloropropane	78-87-5	NJDEP-NY037,NYSDOH-NY12058
1,2-Dichlorotetrafluoroethane	76-14-2	NJDEP-NY037,NYSDOH-NY12058
1,3,5-Trimethylbenzene	108-67-8	NJDEP-NY037,NYSDOH-NY12058
1,3-Butadiene	106-99-0	NJDEP-NY037,NYSDOH-NY12058
1,3-Dichlorobenzene	541-73-1	NJDEP-NY037,NYSDOH-NY12058
1,4-Dichlorobenzene	106-46-7	NJDEP-NY037,NYSDOH-NY12058
1,4-Dioxane	123-91-1	NJDEP-NY037,NYSDOH-NY12058
2-Butanone	78-93-3	NJDEP-NY037,NYSDOH-NY12058
3-Chloropropene	107-05-1	NJDEP-NY037,NYSDOH-NY12058
4-Methyl-2-pentanone	108-10-1	NJDEP-NY037,NYSDOH-NY12058
Acetone	67-64-1	NJDEP-NY037,NYSDOH-NY12058
Acrylonitrile	107-13-1	NJDEP-NY037,NYSDOH-NY12058
Benzene	71-43-2	NJDEP-NY037,NYSDOH-NY12058
Benzyl chloride	100-44-7	NJDEP-NY037,NYSDOH-NY12058
Bromodichloromethane	75-27-4	NJDEP-NY037,NYSDOH-NY12058
Bromoform	75-25-2	NJDEP-NY037,NYSDOH-NY12058
Bromomethane	74-83-9	NJDEP-NY037,NYSDOH-NY12058
Carbon disulfide	75-15-0	NJDEP-NY037,NYSDOH-NY12058
Carbon tetrachloride	56-23-5	NJDEP-NY037,NYSDOH-NY12058
Chlorobenzene	108-90-7	NJDEP-NY037,NYSDOH-NY12058
Chloroethane	75-00-3	NJDEP-NY037,NYSDOH-NY12058
Chloroform	67-66-3	NJDEP-NY037,NYSDOH-NY12058
Chloromethane	74-87-3	NJDEP-NY037,NYSDOH-NY12058
cis-1,2-Dichloroethylene	156-59-2	NJDEP-NY037,NYSDOH-NY12058
cis-1,3-Dichloropropylene	10061-01-5	NJDEP-NY037,NYSDOH-NY12058
Cyclohexane	110-82-7	NJDEP-NY037,NYSDOH-NY12058
Dibromochloromethane	124-48-1	NJDEP-NY037,NYSDOH-NY12058
Dichlorodifluoromethane	75-71-8	NJDEP-NY037,NYSDOH-NY12058
Ethyl Benzene	100-41-4	NJDEP-NY037,NYSDOH-NY12058
Hexachlorobutadiene	87-68-3	NJDEP-NY037,NYSDOH-NY12058
Isopropanol	67-63-0	NJDEP-NY037,NYSDOH-NY12058
Isopropylbenzene	98-82-8	NJDEP-NY037,NYSDOH-NY12058
Methyl Methacrylate	80-62-6	NJDEP-NY037,NYSDOH-NY12058
Methyl tert-butyl ether (MTBE)	1634-04-4	NJDEP-NY037,NYSDOH-NY12058
Methylene chloride	75-09-2	NJDEP-NY037,NYSDOH-NY12058
n-Heptane	142-82-5	NJDEP-NY037,NYSDOH-NY12058
n-Hexane	110-54-3	NJDEP-NY037,NYSDOH-NY12058
o-Xylene	95-47-6	NJDEP-NY037,NYSDOH-NY12058
p- & m- Xylenes	179601-23-1	NJDEP-NY037,NYSDOH-NY12058
Styrene	100-42-5	NJDEP-NY037,NYSDOH-NY12058
Tetrachloroethylene	127-18-4	NJDEP-NY037,NYSDOH-NY12058
Toluene	108-88-3	NJDEP-NY037,NYSDOH-NY12058
trans-1,2-Dichloroethylene	156-60-5	NJDEP-NY037,NYSDOH-NY12058
trans-1,3-Dichloropropylene	10061-02-6	NJDEP-NY037,NYSDOH-NY12058
Trichloroethylene	79-01-6	NJDEP-NY037,NYSDOH-NY12058
Trichlorofluoromethane (Freon 11)	75-69-4	NJDEP-NY037,NYSDOH-NY12058
Vinyl acetate	108-05-4	NJDEP-NY037,NYSDOH-NY12058
Vinyl bromide	593-60-2	NJDEP-NY037,NYSDOH-NY12058
Vinyl Chloride	75-01-4	NJDEP-NY037,NYSDOH-NY12058
Xylenes, Total	1330-20-7	NJDEP-NY037,NYSDOH-NY12058

List of Certifications

Code	Description	Number	Expires
NJDEP-NY037	NJDEP Certification - Queens	NY037	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026

Narrative Contents Summary

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

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with Analytical sample ID, identifying the matrix and Date/Time collected and received.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

Analytical Work Order No.: 26A1103

Client : PVE, LLC. (Poughkeepsie)

Client Project ID : 33 East Main Street Pawling, NY

Prepared for : Anthony Spadavecchia

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 01/23/2026 3:50 PM

10 Air sample(s) were received intact unless otherwise noted.

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SSV-1 20260122	26A1103-01	Air	01/22/2026 5:13 PM	01/23/2026 3:50 PM
AI-1 20260122	26A1103-02	Air	01/22/2026 5:13 PM	01/23/2026 3:50 PM
SSV-2 20260122	26A1103-03	Air	01/22/2026 4:17 PM	01/23/2026 3:50 PM
AI-2 20260122	26A1103-04	Air	01/22/2026 4:09 PM	01/23/2026 3:50 PM
SSV-3 20260122	26A1103-05	Air	01/22/2026 5:04 PM	01/23/2026 3:50 PM
AI-3 20260122	26A1103-06	Air	01/22/2026 3:54 PM	01/23/2026 3:50 PM
SSV-4 20260122	26A1103-07	Air	01/22/2026 3:50 PM	01/23/2026 3:50 PM
AI-4 20260122	26A1103-08	Air	01/22/2026 4:22 PM	01/23/2026 3:50 PM
SSV-5 20260122	26A1103-09	Air	01/22/2026 4:02 PM	01/23/2026 3:50 PM
AI-5 20260122	26A1103-10	Air	01/22/2026 5:08 PM	01/23/2026 3:50 PM

WorkOrder Comments

Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
AIR	EPA TO15 PREP	EPA TO-15

3.0 Sample Issues

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

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SSV-1 20260122	EPA TO-15	26A1103-01	Air	p- & m- Xylenes	A-01
AI-1 20260122	EPA TO-15	26A1103-02	Air	p- & m- Xylenes	A-01
SSV-2 20260122	EPA TO-15	26A1103-03	Air	p- & m- Xylenes	A-01
AI-2 20260122	EPA TO-15	26A1103-04	Air	p- & m- Xylenes	A-01
SSV-3 20260122	EPA TO-15	26A1103-05	Air	p- & m- Xylenes	A-01
AI-3 20260122	EPA TO-15	26A1103-06	Air	p- & m- Xylenes	A-01
SSV-4 20260122	EPA TO-15	26A1103-07	Air	p- & m- Xylenes	A-01
AI-4 20260122	EPA TO-15	26A1103-08	Air	p- & m- Xylenes	A-01
SSV-5 20260122	EPA TO-15	26A1103-09	Air	p- & m- Xylenes	A-01
AI-5 20260122	EPA TO-15	26A1103-10	Air	p- & m- Xylenes	A-01

Qualifier Definitions :

A-01	"P & M Xylene is a mixture of two types of xylene. Since the exact proportions are unknown, treat the mixture as one chemical and use a molecular weight of 106.16 for any calculations"

4.0 Analysis Issues

EPA TO-15

Q_A_Volatile Organics, EPA TO15 Full List

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

Initial Calibration : SL50019

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL50019	S5L0903	S5L0903	Secondary Cal Check	S5L0903-SCV1	TO15_AIR3	TV034051.D
SL50019	S6A3038	S6A3038	Calibration Check	S6A3038-CCV1	TO15_AIR3	TV034958.D
SL50019	BA61722	S6A3038	LCS	BA61722-BS1	TO15_AIR3	TV034959.D
SL50019	BA61722	S6A3038	Blank	BA61722-BLK1	TO15_AIR3	TV034961.D
SL50019	BA61722	S6A3038	SSV-1 20260122	26A1103-01	TO15_AIR3	TV034972.D
SL50019	BA61722	S6A3038	AI-1 20260122	26A1103-02	TO15_AIR3	TV034973.D
SL50019	BA61722	S6A3038	SSV-2 20260122	26A1103-03	TO15_AIR3	TV034974.D
SL50019	BA61722	S6A3038	AI-2 20260122	26A1103-04	TO15_AIR3	TV034975.D
SL50019	BA61722	S6A3038	SSV-3 20260122	26A1103-05	TO15_AIR3	TV034976.D
SL50019	BA61722	S6A3038	AI-3 20260122	26A1103-06	TO15_AIR3	TV034977.D
SL50019	BA61722	S6A3038	SSV-4 20260122	26A1103-07	TO15_AIR3	TV034978.D
SL50019	BA61722	S6A3038	AI-4 20260122	26A1103-08	TO15_AIR3	TV034979.D
SL50019	BA61722	S6A3038	SSV-5 20260122	26A1103-09	TO15_AIR3	TV034980.D
SL50019	BA61722	S6A3038	AI-5 20260122	26A1103-10	TO15_AIR3	TV034981.D
SL50019	BA61722	S6A3038	SSV-3 20260122	26A1103-05RE1	TO15_AIR3	TV034982.D

4.0 Analysis Issues

Initial calibration for ***EPA TO-15*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SL50019	TO15_AIR3	12/5/2025 4:22:23 PM	TV034037.D
SL50019	TO15_AIR3	12/5/2025 4:22:23 PM	TV034037.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4-Trichlorobenzene	**33.32**	30						Avg
Benzyl chloride	**37.57**	30						Avg
ISTD: 1,4-Difluorobenzene	**0.00**	30	**0.0000**	0.05				Avg
ISTD: Bromochloromethane	**0.00**	30	**0.0000**	0.05				Avg
ISTD: d5-Chlorobenzene	**0.00**	30	**0.0000**	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5L0903-SCV1		TV034051.D
Calibration Check	S6A3038-CCV1		TV034958.D
LCS	BA61722-BS1		TV034959.D
Blank	BA61722-BLK1		TV034961.D
SSV-1 20260122	26A1103-01		TV034972.D
AI-1 20260122	26A1103-02		TV034973.D
SSV-2 20260122	26A1103-03		TV034974.D
AI-2 20260122	26A1103-04		TV034975.D
SSV-3 20260122	26A1103-05		TV034976.D
AI-3 20260122	26A1103-06		TV034977.D
SSV-4 20260122	26A1103-07		TV034978.D
AI-4 20260122	26A1103-08		TV034979.D
SSV-5 20260122	26A1103-09		TV034980.D
AI-5 20260122	26A1103-10		TV034981.D

EPA TO-15

Initial Calibration Verification-

The initial calibration verification for analytical method EPA TO-15

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL50019	S6A3038	S6A3038-CCV1	TV034958.D	01/30/26 11:28

The continuing calibration verification recovered within method limits.

Analytical Work Order Narrative

EPA TO-15

Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
AIR	BA61722	S6A3038	TO15_AIR3	BA61722-BLK1	TV034961.D

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

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

Calibration	Sequence	LabNumber	SampleName	File ID
SL50019	6A3038	BA61722-BS1	LCS	TV034959.D

EPA TO-15

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA TO-15	BA61722	SSV-1 20260122	26A1103-01	1.531
EPA TO-15	BA61722	SSV-2 20260122	26A1103-03	1.553
EPA TO-15	BA61722	SSV-3 20260122	26A1103-05	1.73
EPA TO-15	BA61722	SSV-3 20260122	26A1103-05RE1	6.92
EPA TO-15	BA61722	SSV-4 20260122	26A1103-07	1.412
EPA TO-15	BA61722	SSV-5 20260122	26A1103-09	1.504

Analytical Work Order Narrative

EPA TO-15

Internal Standards / Surrogates

Internal Standards Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA61722	TO15_AIR3	**SL50019**	SSV-5 20260122	26A1103-09	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-3 20260122	26A1103-06	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-2 20260122	26A1103-04	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-4 20260122	26A1103-07	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-2 20260122	26A1103-03	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-4 20260122	26A1103-08	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-1 20260122	26A1103-02	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-1 20260122	26A1103-01	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-5 20260122	26A1103-10	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	Blank	BA61722-BLK1	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05RE1	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	LCS	BA61722-BS1	ISTD: Bromochloromethane	0	0.0000
S5L0903	TO15_AIR3	**SL50019**	Secondary Cal Chec	S5L0903-SCV1	ISTD: Bromochloromethane	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-1 20260122	26A1103-01	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	LCS	BA61722-BS1	ISTD: 1,4-Difluorobenzene	0	0.0000
BA61722	TO15_AIR3	**SL50019**	SSV-2 20260122	26A1103-03	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-2 20260122	26A1103-04	ISTD: 1,4-Difluorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	Blank	BA61722-BLK1	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-1 20260122	26A1103-02	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-5 20260122	26A1103-09	ISTD: 1,4-Difluorobenzene	0	-0.0070
S5L0903	TO15_AIR3	**SL50019**	Secondary Cal Chec	S5L0903-SCV1	ISTD: 1,4-Difluorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-4 20260122	26A1103-07	ISTD: 1,4-Difluorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05RE1	ISTD: 1,4-Difluorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	AI-4 20260122	26A1103-08	ISTD: 1,4-Difluorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	AI-3 20260122	26A1103-06	ISTD: 1,4-Difluorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	AI-5 20260122	26A1103-10	ISTD: 1,4-Difluorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	LCS	BA61722-BS1	ISTD: d5-Chlorobenzene	0	0.0000
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05RE1	ISTD: d5-Chlorobenzene	0	-0.0070
BA61722	TO15_AIR3	**SL50019**	Blank	BA61722-BLK1	ISTD: d5-Chlorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	AI-5 20260122	26A1103-10	ISTD: d5-Chlorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	SSV-1 20260122	26A1103-01	ISTD: d5-Chlorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	SSV-3 20260122	26A1103-05	ISTD: d5-Chlorobenzene	0	-0.0030

BA61722	TO15_AIR3	**SL50019**	AI-1 20260122	26A1103-02	ISTD: d5-Chlorobenzene	0	0.0000
BA61722	TO15_AIR3	**SL50019**	AI-4 20260122	26A1103-08	ISTD: d5-Chlorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	SSV-2 20260122	26A1103-03	ISTD: d5-Chlorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-4 20260122	26A1103-07	ISTD: d5-Chlorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	AI-2 20260122	26A1103-04	ISTD: d5-Chlorobenzene	0	-0.0040
BA61722	TO15_AIR3	**SL50019**	AI-3 20260122	26A1103-06	ISTD: d5-Chlorobenzene	0	-0.0030
S5L0903	TO15_AIR3	**SL50019**	Secondary Cal Chec	S5L0903-SCV1	ISTD: d5-Chlorobenzene	0	-0.0030
BA61722	TO15_AIR3	**SL50019**	SSV-5 20260122	26A1103-09	ISTD: d5-Chlorobenzene	0	-0.0040

Analytical Comments

Internal standards were inadvertntly turned off for REs and have been corrected. A custom qualifier was added to provide clarification regarding the M&P Xylene calculation.

Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

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

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

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

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

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

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

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

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BA61722	**Preparation Method:** EPA TO15 PREP	**Prepared By:** BMC
Sample ID	**Client Sample ID**	**Preparation Date**
26A1103-01	SSV-1 20260122	01/30/26
26A1103-02	AI-1 20260122	01/30/26
26A1103-03	SSV-2 20260122	01/30/26
26A1103-04	AI-2 20260122	01/30/26
26A1103-05	SSV-3 20260122	01/30/26
26A1103-05RE1	SSV-3 20260122	01/30/26
26A1103-06	AI-3 20260122	01/30/26
26A1103-07	SSV-4 20260122	01/30/26
26A1103-08	AI-4 20260122	01/30/26
26A1103-09	SSV-5 20260122	01/30/26
26A1103-10	AI-5 20260122	01/30/26
BA61722-BLK1	Blank	01/29/26
BA61722-BS1	LCS	01/29/26

HOLDING TIME SUMMARY

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY

Sample Name	Date Sampled	Date Received	Preparation Holding Time (Days)	Preparation Date	Preparation Expiration Date	Analysis Holding Time (Days)	Analysis Date	Analysis Expiration Date	Q
SSV-1 20260122	01/22/26 17:13	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 17:13	30.00	01/30/26 22:12	02/21/26 17:13	
AI-1 20260122	01/22/26 17:13	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 17:13	30.00	01/31/26 00:16	02/21/26 17:13	
SSV-2 20260122	01/22/26 16:17	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 16:17	30.00	01/31/26 01:01	02/21/26 16:17	
AI-2 20260122	01/22/26 16:09	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 16:09	30.00	01/31/26 01:47	02/21/26 16:09	
SSV-3 20260122	01/22/26 17:04	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 17:04	30.00	01/31/26 02:33	02/21/26 17:04	
SSV-3 20260122	01/22/26 17:04	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 17:04	30.00	01/31/26 07:07	02/21/26 17:04	
AI-3 20260122	01/22/26 15:54	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 15:54	30.00	01/31/26 03:19	02/21/26 15:54	
SSV-4 20260122	01/22/26 15:50	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 15:50	30.00	01/31/26 04:05	02/21/26 15:50	
AI-4 20260122	01/22/26 16:22	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 16:22	30.00	01/31/26 04:50	02/21/26 16:22	
SSV-5 20260122	01/22/26 16:02	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 16:02	30.00	01/31/26 05:36	02/21/26 16:02	
AI-5 20260122	01/22/26 17:08	01/23/26 15:50	30.00	01/30/26 11:46	02/21/26 17:08	30.00	01/31/26 06:22	02/21/26 17:08	

Definitions and Other Explanations

Summary of Non-Conformance and Data Qualifiers Related

this Work Order: 26A1103

A-01	"P & M Xylene is a mixture of two types of xylene. Since the exact proportions are unknown, treat the mixture as one chemical and use a molecular weight of 106.16 for any calculations"
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
MCL	MAXIMUM CONTAMINANT LEVEL for drinking water, which is the highest level of a contaminant allowed in public water systems. These are legally enforceable health-based standards set by the U.S. Environmental Protection Agency (EPA) to protect public health from contaminants in drinking water.
Secondary MCL	SECONDARY MCL (Maximum Contaminant Level) is a non-enforceable guideline for contaminants in drinking water that affect aesthetic qualities like taste, odor, and color, or that cause cosmetic effects like staining. These are intended to protect public welfare and are not based on direct health effects, though states can choose to make them mandatory.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

Definitions and Other Explanations (Continued)

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

DATA PACKAGE

SDG: 26A1103

Client: PVE, LLC. (Poughkeepsie)

Project: 33 East Main Street Pawling, NY

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: ALS Environmental - Stratford **SDG:** 26A1103

Client: PVE, LLC. (Poughkeepsie) **Project:** 33 East Main Street Pawling, NY

Matrix: Air **Instrument:** NA

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.22	0.7	ug/m³
1,1,1-Trichloroethane	0.19	0.55	ug/m³
1,1,2,2-Tetrachloroethane	0.2	0.7	ug/m³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.28	0.78	ug/m³
1,1,2-Trichloroethane	0.2	0.55	ug/m³
1,1-Dichloroethane	0.17	0.41	ug/m³
1,1-Dichloroethylene	0.18	0.2	ug/m³
1,2,4-Trichlorobenzene	0.29	38	ug/m³
1,2,4-Trimethylbenzene	0.17	0.5	ug/m³
1,2-Dibromoethane	0.25	0.78	ug/m³
1,2-Dichlorobenzene	0.19	0.61	ug/m³
1,2-Dichloroethane	0.19	0.41	ug/m³
1,2-Dichloropropane	0.16	0.47	ug/m³
1,2-Dichlorotetrafluoroethane	0.36	0.71	ug/m³
1,3,5-Trimethylbenzene	0.077	0.5	ug/m³
1,3-Butadiene	0.07	0.68	ug/m³
1,3-Dichlorobenzene	0.17	0.61	ug/m³
1,3-Dichloropropane	0.15	0.47	ug/m³
1,4-Dichlorobenzene	0.15	0.61	ug/m³
1,4-Dioxane	0.38	1.8	ug/m³
2,2,4-Trimethylpentane	0.24	0.24	ug/m³
2-Butanone	0.51	15	ug/m³
2-Hexanone	0.22	0.83	ug/m³
3-Chloropropene	0.13	1.6	ug/m³
4-Methyl-2-pentanone	0.18	0.42	ug/m³
Acetone	1.3	12	ug/m³
Acrolein	0.14	0.23	ug/m³
Acrylonitrile	2.1	11	ug/m³
Benzene	0.12	0.32	ug/m³
Benzyl chloride	0.16	13	ug/m³
Bromodichloromethane	0.2	0.68	ug/m³
Bromoform	0.44	1.1	ug/m³
Bromomethane	0.17	0.39	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: ALS Environmental - Stratford **SDG:** 26A1103

Client: PVE, LLC. (Poughkeepsie) **Project:** 33 East Main Street Pawling, NY

Matrix: Air **Instrument:** NA

Analyte	LOD	LOQ	Units
Carbon disulfide	0.081	0.32	ug/m³
Carbon tetrachloride	0.19	0.19	ug/m³
Chlorobenzene	0.18	0.47	ug/m³
Chloroethane	0.15	0.27	ug/m³
Chloroform	0.14	0.5	ug/m³
Chloromethane	0.15	0.21	ug/m³
cis-1,2-Dichloroethylene	0.1	0.2	ug/m³
cis-1,3-Dichloropropylene	0.18	0.46	ug/m³
Cyclohexane	0.25	0.35	ug/m³
Dibromochloromethane	0.35	0.87	ug/m³
Dichlorodifluoromethane	0.28	0.5	ug/m³
Ethyl acetate	0.22	18	ug/m³
Ethyl Benzene	0.15	0.44	ug/m³
Hexachlorobutadiene	0.41	1.1	ug/m³
Isopropanol	0.06	1.5	ug/m³
Isopropylbenzene	0.09	0.5	ug/m³
Methyl Methacrylate	0.26	0.42	ug/m³
Methyl tert-butyl ether (MTBE)	0.11	0.37	ug/m³
Methylene chloride	0.12	2.1	ug/m³
Naphthalene	0.37	5.3	ug/m³
n-Butylbenzene	0.17	0.56	ug/m³
n-Heptane	0.16	0.42	ug/m³
n-Hexane	0.11	0.36	ug/m³
n-Propylbenzene	0.13	0.5	ug/m³
o-Xylene	0.15	0.44	ug/m³
p- & m- Xylenes	0.23	0.88	ug/m³
p-Ethyltoluene	0.18	0.5	ug/m³
p-Isopropyltoluene	0.1	0.56	ug/m³
Propylene	0.1	0.18	ug/m³
sec-Butylbenzene	0.14	0.56	ug/m³
Styrene	0.13	0.43	ug/m³
tert-Butylbenzene	0.21	0.56	ug/m³
Tetrachloroethylene	0.16	0.69	ug/m³
Tetrahydrofuran	0.1	0.6	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: ALS Environmental - Stratford **SDG:** 26A1103

Client: PVE, LLC. (Poughkeepsie) **Project:** 33 East Main Street Pawling, NY

Matrix: Air **Instrument:** NA

Analyte	LOD	LOQ	Units
Toluene	0.15	0.38	ug/m³
trans-1,2-Dichloroethylene	0.097	0.4	ug/m³
trans-1,3-Dichloropropylene	0.18	0.46	ug/m³
Trichloroethylene	0.16	0.16	ug/m³
Trichlorofluoromethane (Freon 11)	0.21	0.57	ug/m³
Vinyl acetate	0.18	0.36	ug/m³
Vinyl bromide	0.16	0.44	ug/m³
Vinyl Chloride	0.1	0.13	ug/m³
Xylenes, Total	0.36	1.3	ug/m³

Sample Information

Client Sample ID: SSV-1 20260122 **Sample ID: 26A1103-01**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	2.1		D	ug/m³	0.36	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.35	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	8.0	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	1.1	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	1.1	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	1.2	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.62	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.30	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	57	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
95-63-6	**1,2,4-Trimethylbenzene**	7.8		D	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	1.2	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.92	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.62	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.71	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	1.1	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
108-67-8	**1,3,5-Trimethylbenzene**	2.0		D	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
106-99-0	1,3-Butadiene	ND		U	ug/m³	1.0	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.92	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.71	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.92	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	2.8	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
78-93-3	2-Butanone	ND		J	ug/m³	23	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
591-78-6	* 2-Hexanone	ND		J	ug/m³	1.3	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	2.4	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.63	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
67-64-1	Acetone	ND		J	ug/m³	18	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	17	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
71-43-2	**Benzene**	1.2		D	ug/m³	0.49	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	20	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	1.0	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-25-2	Bromoform	ND		U	ug/m³	1.6	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.59	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-15-0	**Carbon disulfide**	1.4		D	ug/m³	0.48	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Sample Information

Client Sample ID: SSV-1 20260122 **Sample ID: 26A1103-01**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.67		D	ug/m³	0.29	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.70	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.40	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
67-66-3	Chloroform	ND		U	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
74-87-3	Chloromethane	ND		U	ug/m³	0.32	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.30	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.69	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
110-82-7	**Cyclohexane**	0.79		D	ug/m³	0.53	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	1.3	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-71-8	**Dichlorodifluoromethane**	1.9		D	ug/m³	0.76	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	28	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
100-41-4	**Ethyl Benzene**	4.7		D	ug/m³	0.66	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	1.6	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
67-63-0	**Isopropanol**	4.4		D	ug/m³	2.3	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.63	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.55	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-09-2	Methylene chloride	ND		U	ug/m³	3.2	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
142-82-5	**n-Heptane**	1.7		D	ug/m³	0.63	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
110-54-3	**n-Hexane**	5.3		D	ug/m³	0.54	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
103-65-1	*** n-Propylbenzene**	1.4		D	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
95-47-6	**o-Xylene**	6.8		D	ug/m³	0.66	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
179601-23-1	**p- & m- Xylenes**	19	A-01	D	ug/m³	1.3	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
622-96-8	*** p-Ethyltoluene**	6.1		D	ug/m³	0.75	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
115-07-1	*** Propylene**	1.1		D	ug/m³	0.26	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
100-42-5	Styrene	ND		U	ug/m³	0.65	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.84	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	1.0	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
109-99-9	* Tetrahydrofuran	ND		U	ug/m³	0.90	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
108-88-3	**Toluene**	13		D	ug/m³	0.58	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.61	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.69	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Sample Information

Client Sample ID: SSV-1 20260122 **Sample ID: 26A1103-01**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.25	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.86	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.54	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.67	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.20	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR
1330-20-7	**Xylenes, Total**	26		D	ug/m³	2.0	1.531	EPA TO-15	1/30/26 11:46	1/30/26 22:12	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034972.D
Acq On : 30 Jan 2026 10:12 pm
Operator : YR
Sample : 26A1103-01
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.531
InstName : TO15_AIR3

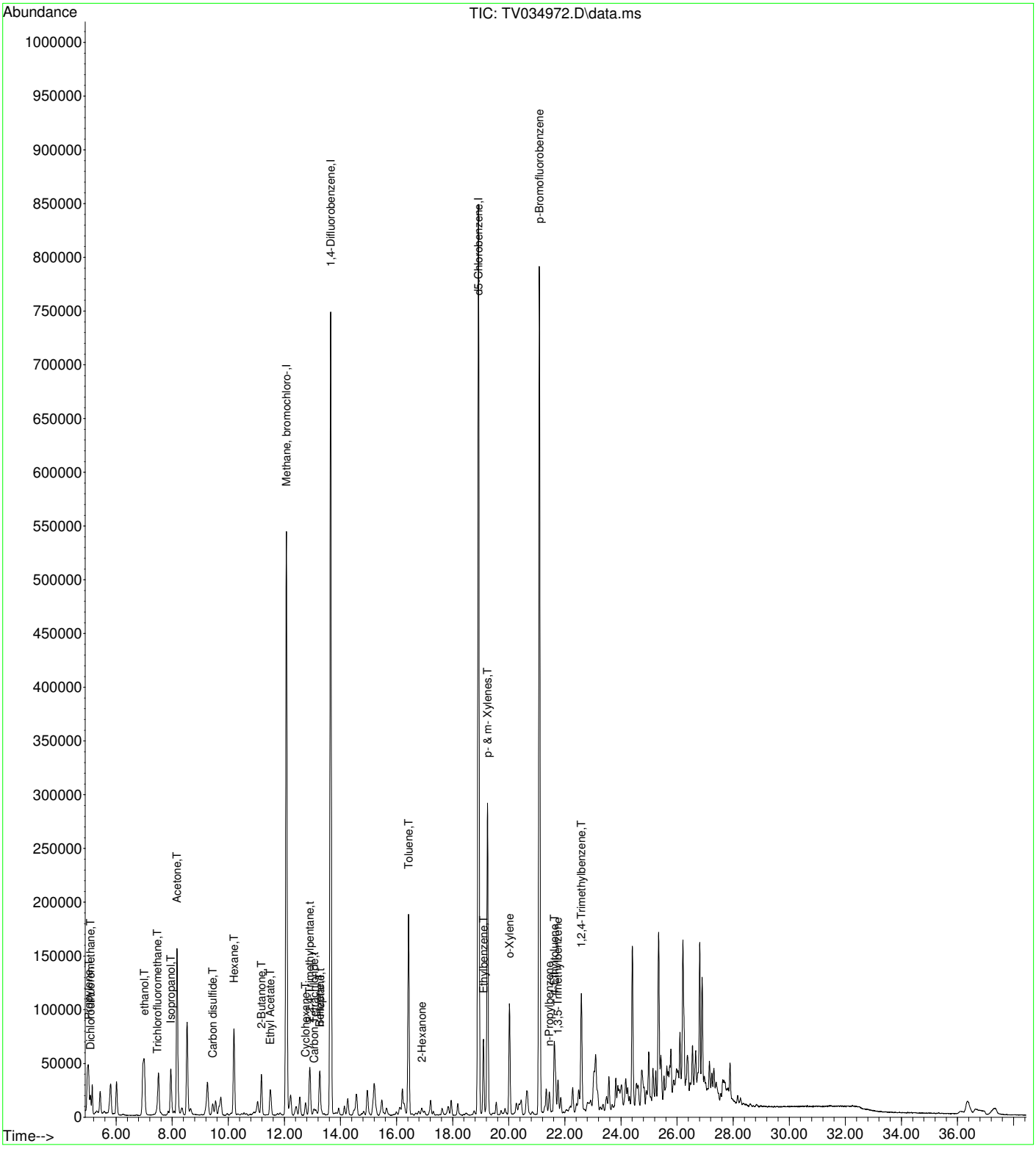
Quant Time: Jan 30 23:38:24 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

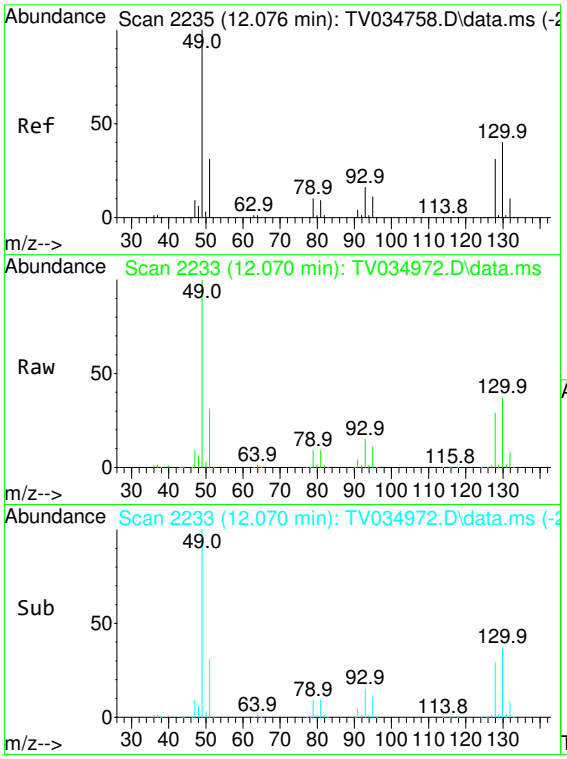
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	645410	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.649	114	898042	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.918	117	748795	10.00	ppbv	#-0.04
Target Compounds						Qvalue
2) Propylene	5.012	42	10684	0.40	ppbv	# 60
3) Dichlorodifluoromethane	5.086	85	21098	0.25	ppbv	# 92
10) ethanol	7.006	45	87677	3.94	ppbv	89
12) Trichlorofluoromethane	7.469	101	9931	0.12	ppbv	99
13) Isopropanol	7.951	45	103840	1.16	ppbv	100
15) Acetone	8.170	43	343543	4.88	ppbv	96
21) Carbon disulfide	9.443	76	24659	0.30	ppbv	# 75
24) Hexane	10.202	57	66363	0.99	ppbv	90
27) 2-Butanone	11.182	43	89076	0.91	ppbv	# 83
28) Ethyl Acetate	11.491	43	30187	0.27	ppbv	# 91
33) Cyclohexane	12.755	56	10910	0.15	ppbv	# 77
34) 2,2,4-Trimethylpentane	12.903	57	63474	0.30	ppbv	# 77
35) Carbon Tetrachloride	13.057	117	5142	0.07	ppbv	98
37) Benzene	13.253	78	21372	0.24	ppbv	# 100
38) n-Heptane	13.269	43	23768	0.27	ppbv	# 96
47) Toluene	16.423	91	214769	2.17	ppbv	98
50) 2-Hexanone	16.899	43	12729	0.15	ppbv	# 74
58) Ethylbenzene	19.095	91	87593	0.71	ppbv	96
59) p- & m- Xylenes	19.240	91	280253	2.91	ppbv	99
60) o-Xylene	20.024	91	102905	1.03	ppbv	99
63) n-Propylbenzene	21.442	91	28709	0.18	ppbv	100
66) p-Bromofluorobenzene	21.092	95	469634	8.54	ppbv	96
67) 4-Ethyltoluene	21.622	105	105743m	0.81	ppbv	
68) 1,3,5-Trimethylbenzene	21.751	105	30008	0.27	ppbv	95
70) 1,2,4-Trimethylbenzene	22.587	105	117787	1.03	ppbv	# 96

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034972.D
Acq On : 30 Jan 2026 10:12 pm
Operator : YR
Sample : 26A1103-01
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.531
InstName : TO15_AIR3

Quant Time: Jan 30 23:38:24 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

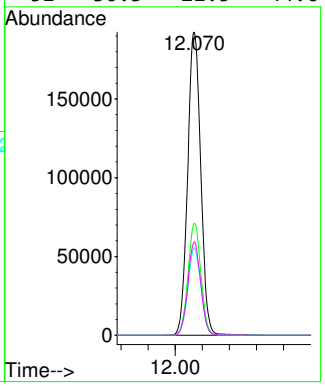


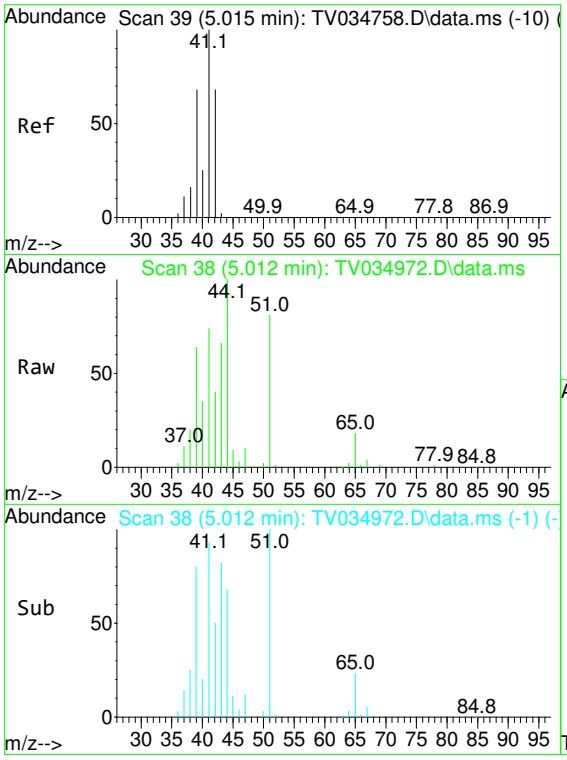


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 49 Resp: 645410

Ion	Ratio	Lower	Upper
49	100		
130	36.7	44.5	92.3#
128	28.5	34.7	72.1#
51	30.3	21.5	44.6

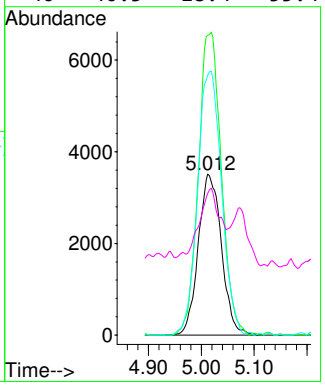


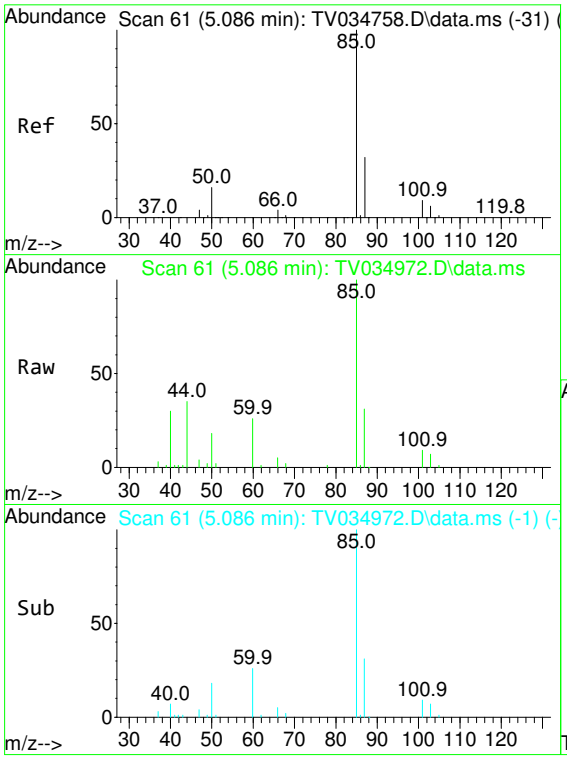


#2
Propylene
Concen: 0.40 ppbv
RT: 5.012 min Scan# 38
Delta R.T. -0.029 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 42 Resp: 10684

Ion	Ratio	Lower	Upper
42	100		
41	187.5	88.9	207.5
39	171.0	52.2	156.6#
40	40.5	18.4	55.4

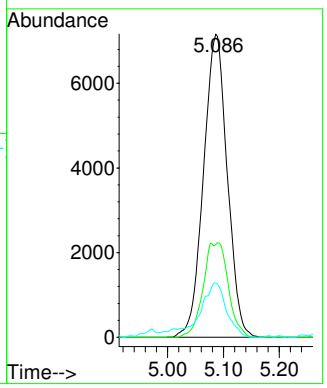


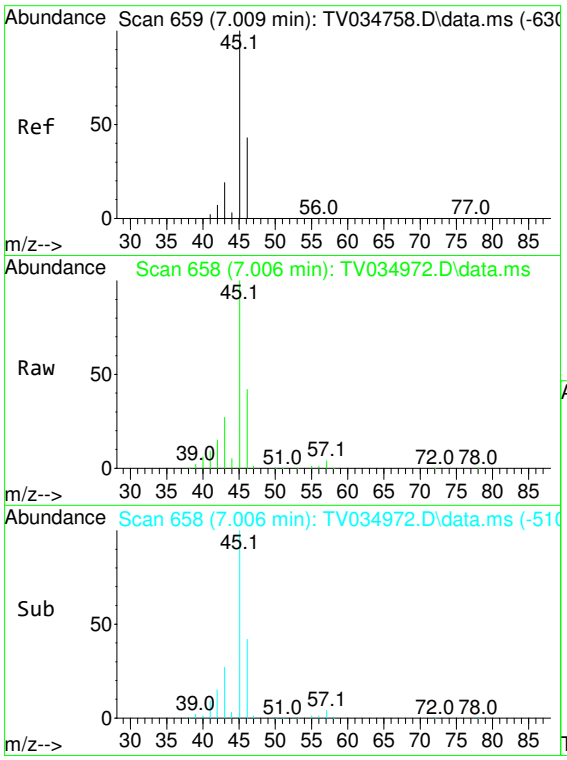


#3
Dichlorodifluoromethane
Concen: 0.25 ppbv
RT: 5.086 min Scan# 61
Delta R.T. -0.026 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 85 Resp: 21098

Ion	Ratio	Lower	Upper
85	100		
87	33.0	21.0	43.6
50	20.9	6.8	14.2#

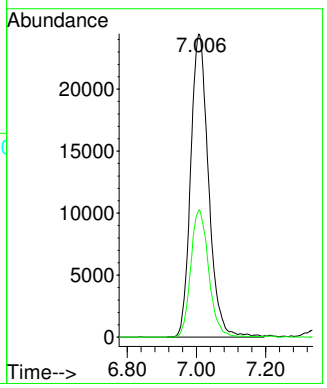


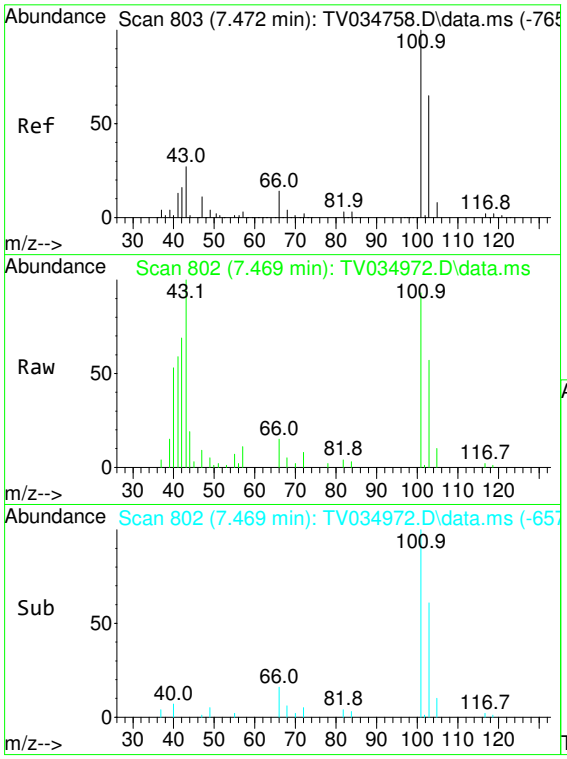


#10
ethanol
Concen: 3.94 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 45 Resp: 87677

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

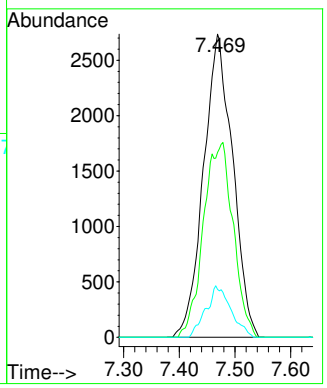


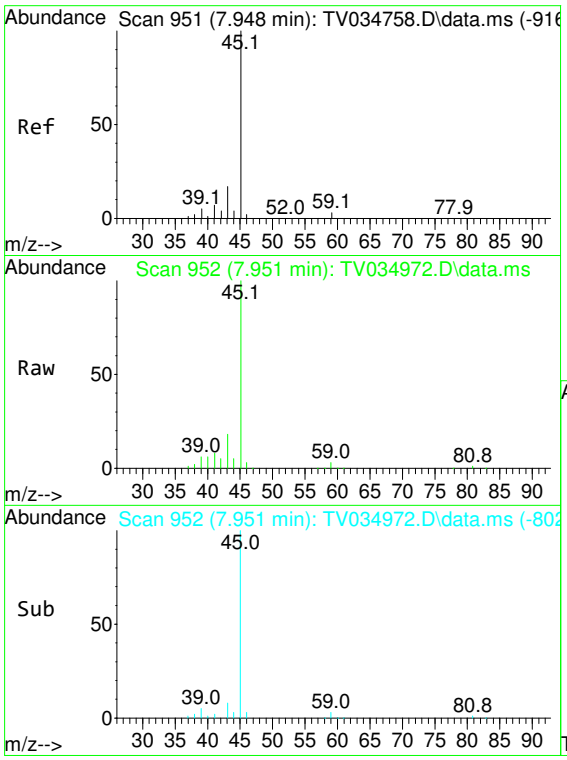


#12
Trichlorofluoromethane
Concen: 0.12 ppbv
RT: 7.469 min Scan# 802
Delta R.T. -0.033 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:101 Resp: 9931

Ion	Ratio	Lower	Upper
101	100		
103	65.5	42.4	88.0
66	14.5	7.9	16.5

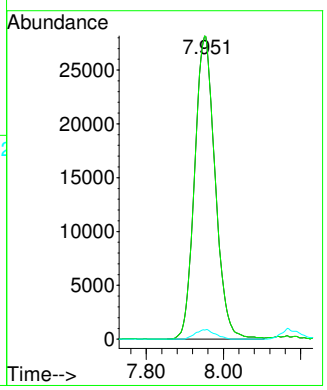


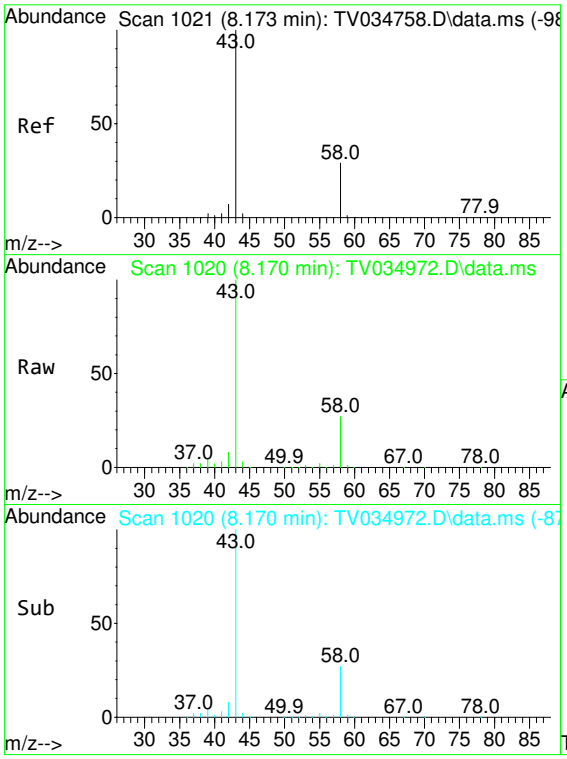


#13
Isopropanol
Concen: 1.16 ppbv
RT: 7.951 min Scan# 952
Delta R.T. -0.018 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 45 Resp: 103840

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.1	0.0	8.4

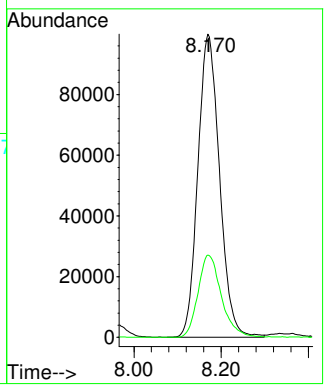


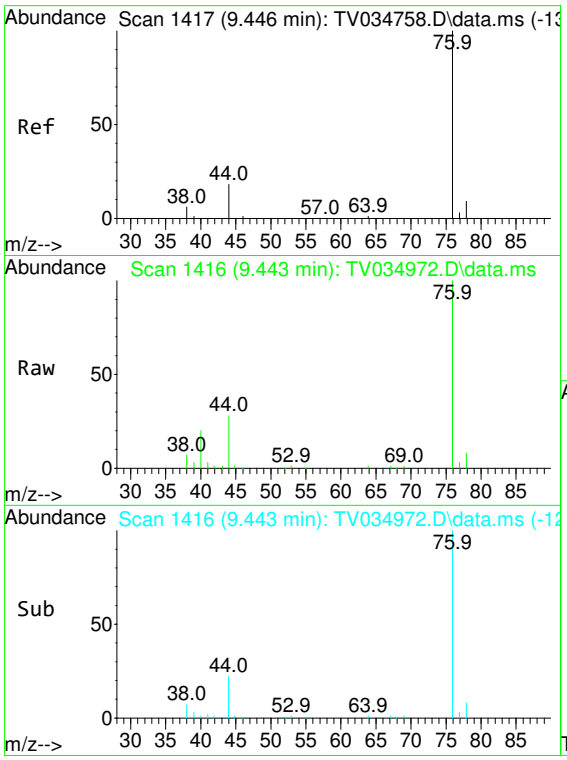


#15
Acetone
Concen: 4.88 ppbv
RT: 8.170 min Scan# 1020
Delta R.T. -0.031 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 43 Resp: 343543

Ion	Ratio	Lower	Upper
43	100		
58	29.4	20.7	42.9

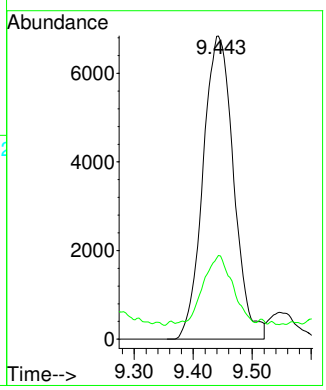


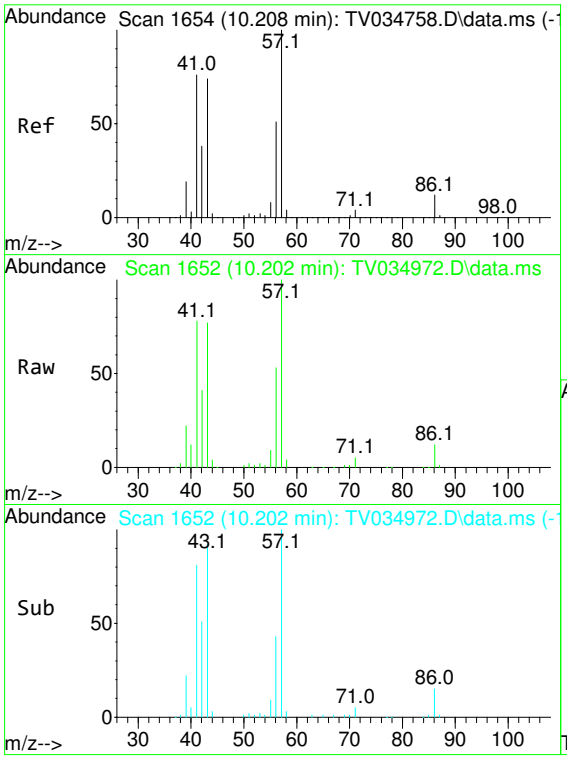


#21
Carbon disulfide
Concen: 0.30 ppbv
RT: 9.443 min Scan# 1416
Delta R.T. -0.036 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 76 Resp: 24659

Ion	Ratio	Lower	Upper
76	100		
44	22.7	8.4	17.4#

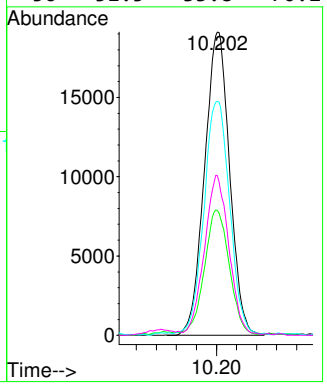


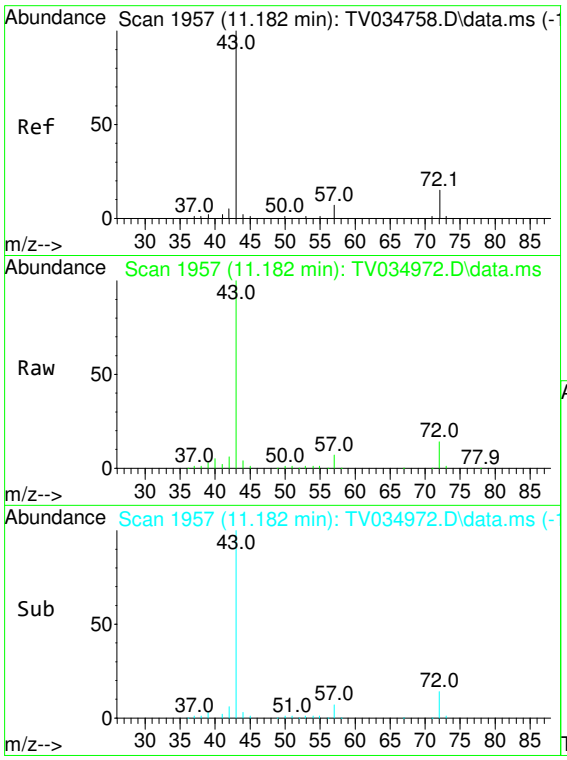


#24
Hexane
Concen: 0.99 ppbv
RT: 10.202 min Scan# 1652
Delta R.T. -0.032 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 57 Resp: 66363

Ion	Ratio	Lower	Upper
57	100		
42	41.2	22.2	46.0
43	79.2	42.9	89.1
56	51.5	33.8	70.2

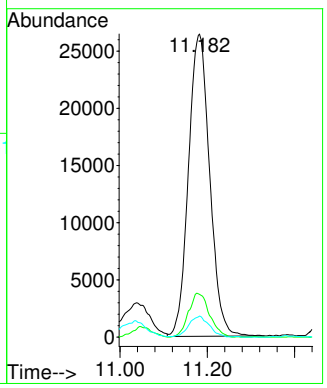


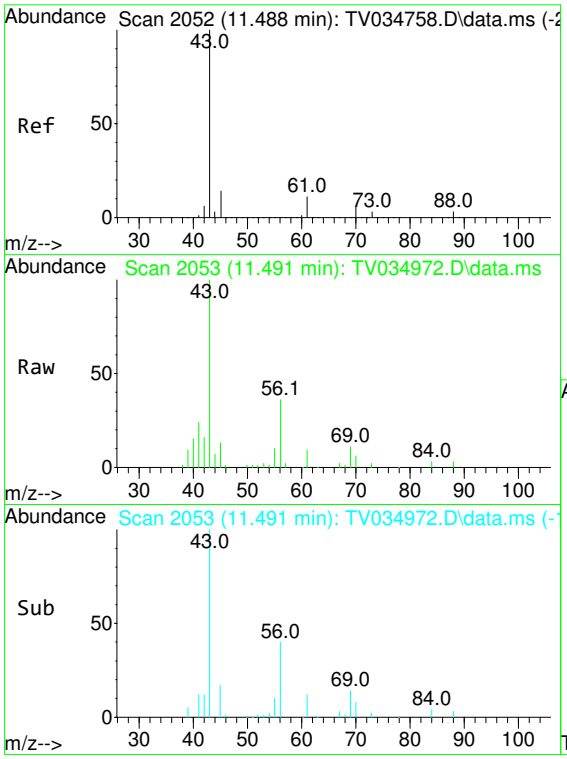


#27
2-Butanone
Concen: 0.91 ppbv
RT: 11.182 min Scan# 1957
Delta R.T. -0.030 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 43 Resp: 89076

Ion	Ratio	Lower	Upper
43	100		
72	14.4	16.4	34.2#
57	6.6	5.0	10.4

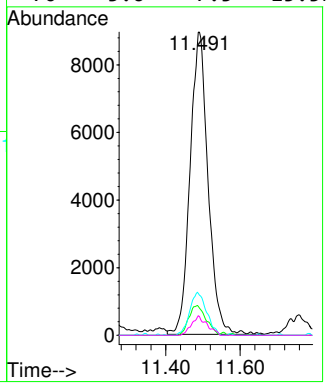


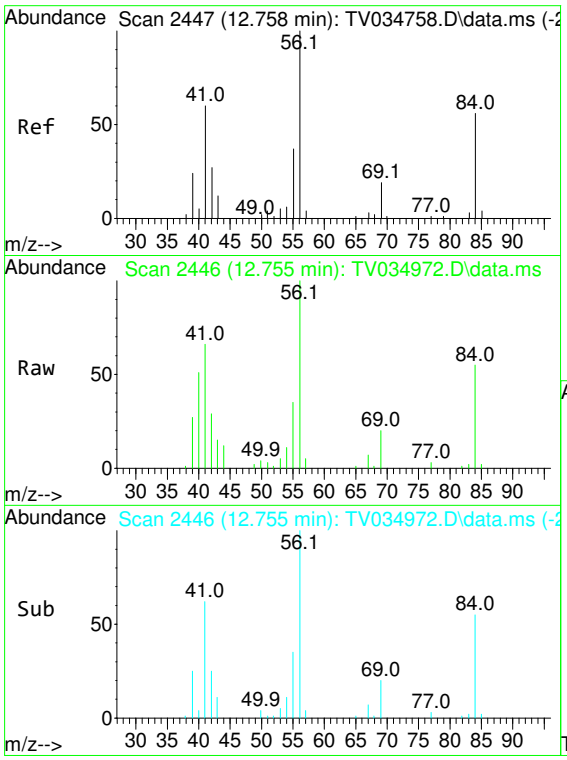


#28
Ethyl Acetate
Concen: 0.27 ppbv
RT: 11.491 min Scan# 2053
Delta R.T. -0.028 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 43 Resp: 30187

Ion	Ratio	Lower	Upper
43	100		
61	9.9	9.2	19.2
45	13.4	9.4	19.6
70	5.6	7.5	15.5#

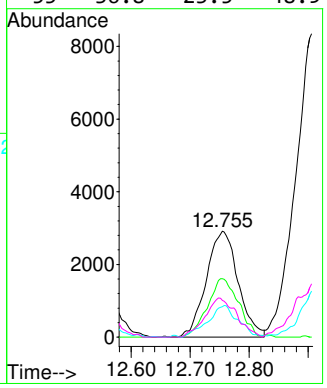


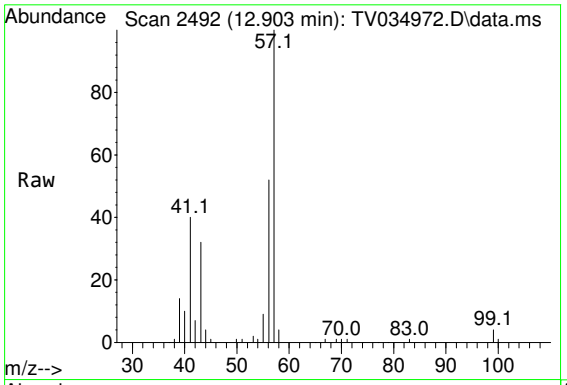


#33
Cyclohexane
Concen: 0.15 ppbv
RT: 12.755 min Scan# 2446
Delta R.T. -0.039 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 56 Resp: 10910

Ion	Ratio	Lower	Upper
56	100		
84	54.3	56.4	117.0#
42	28.8	15.3	31.7
55	36.8	23.5	48.9

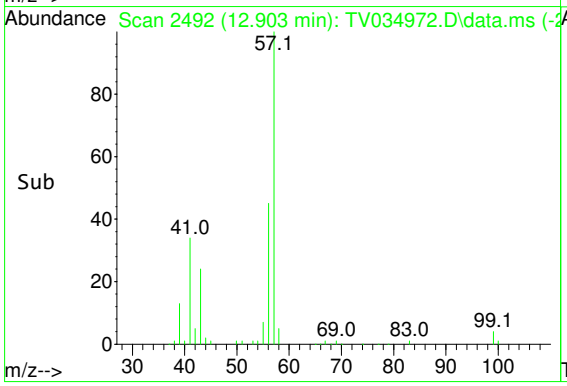


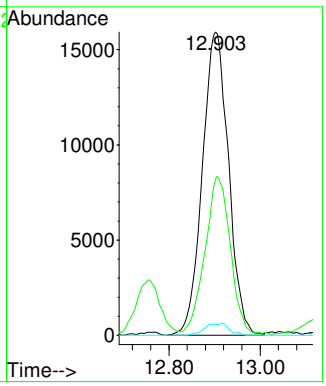


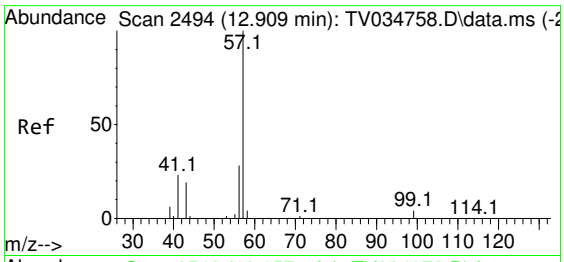
#34
2,2,4-Trimethylpentane
Concen: 0.30 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 57 Resp: 63474

Ion	Ratio	Lower	Upper
57	100		
56	50.2	24.5	45.5#
99	3.7	3.5	6.5



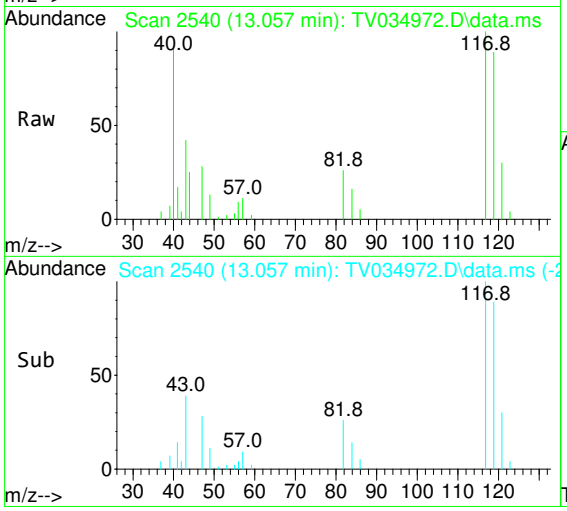


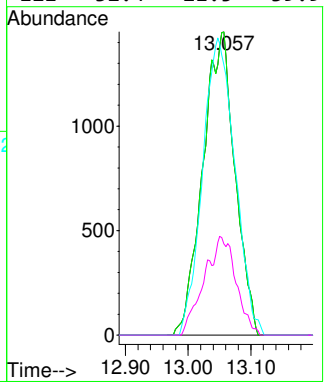


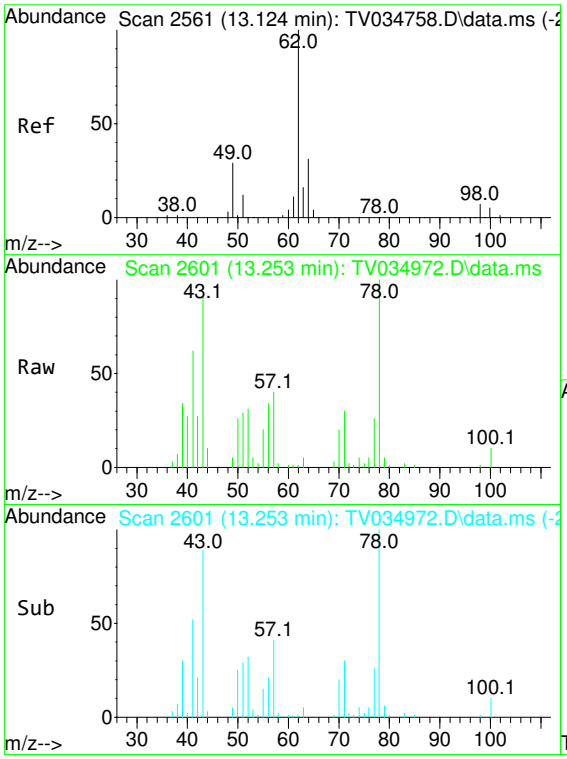
#35
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 13.057 min Scan# 2540
Delta R.T. -0.031 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:117 Resp: 5142

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	99.1	76.5	114.7
121	32.4	21.5	39.9



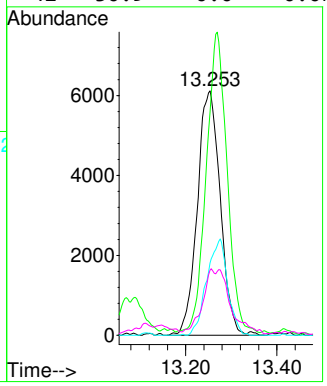


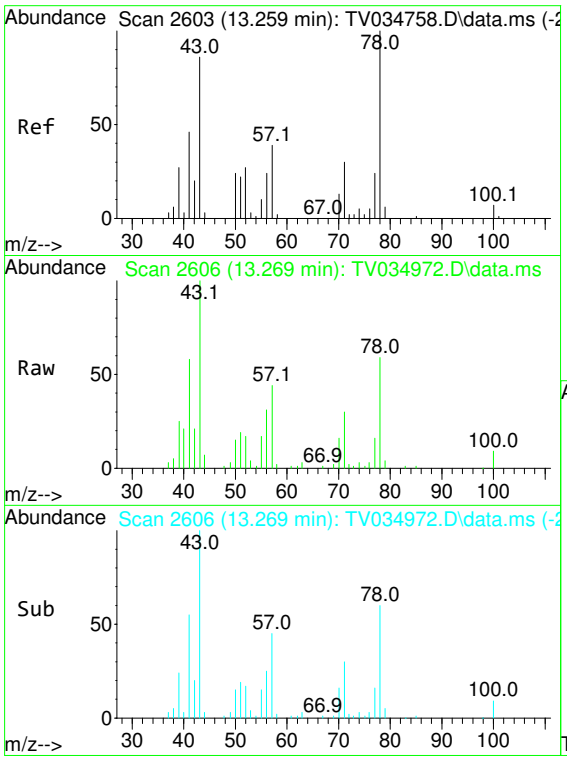


#37
Benzene
Concen: 0.24 ppbv
RT: 13.253 min Scan# 2601
Delta R.T. -0.041 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 78 Resp: 21372

Ion	Ratio	Lower	Upper
78	100		
43	111.2	0.0	0.0#
71	35.9	0.0	0.0#
42	30.9	0.0	0.0#

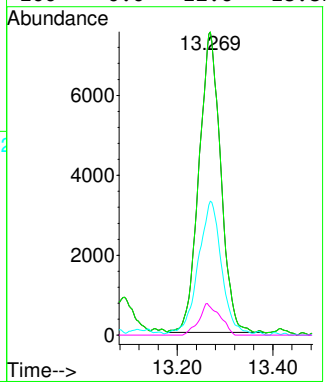


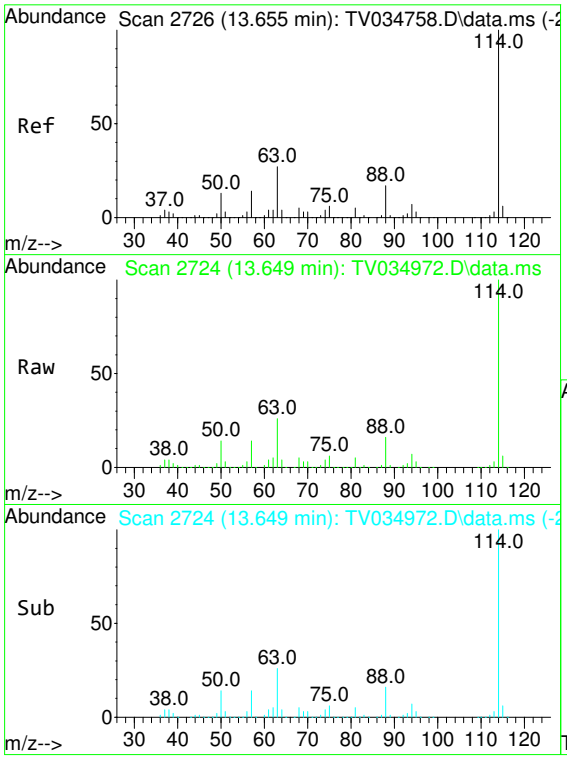


#38
n-Heptane
Concen: 0.27 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 43 Resp: 23768

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	48.7	39.8	59.8
100	0.0	12.6	18.8#

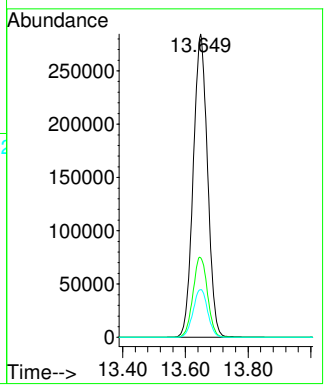


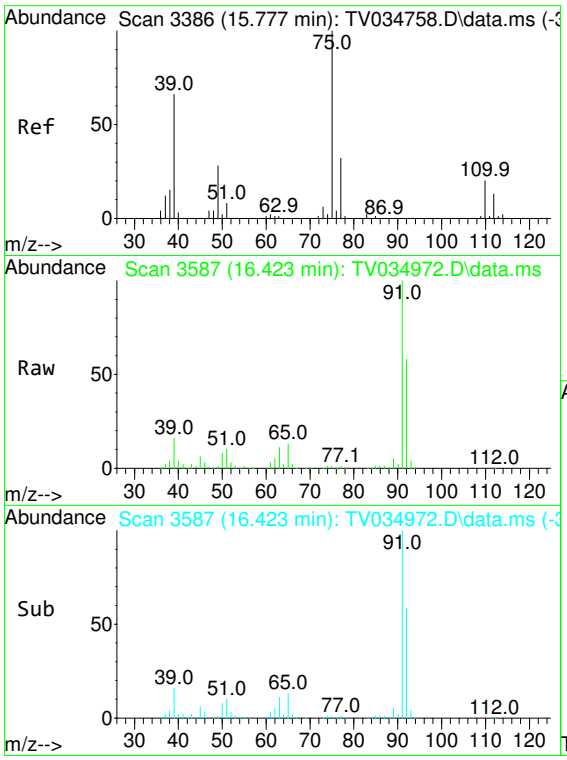


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.649 min Scan# 2724
Delta R.T. -0.040 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:114 Resp: 898042

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.1	11.2	23.2

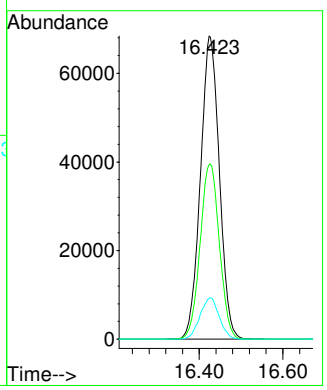


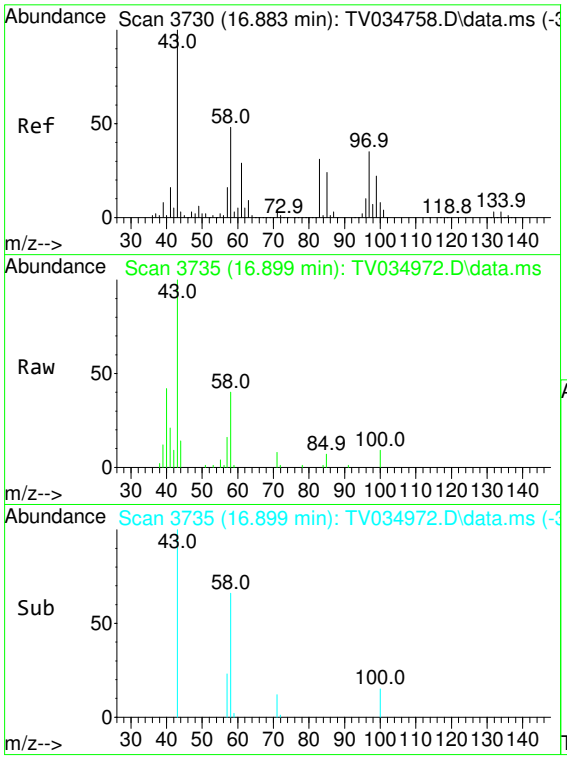


#47
Toluene
Concen: 2.17 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 91 Resp: 214769

Ion	Ratio	Lower	Upper
91	100		
92	58.9	39.0	81.0
65	13.9	7.7	16.1

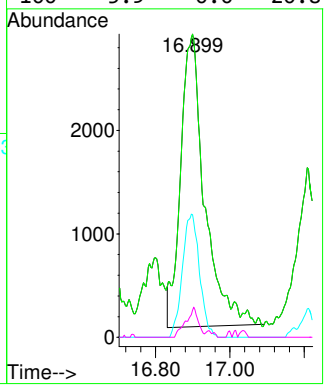


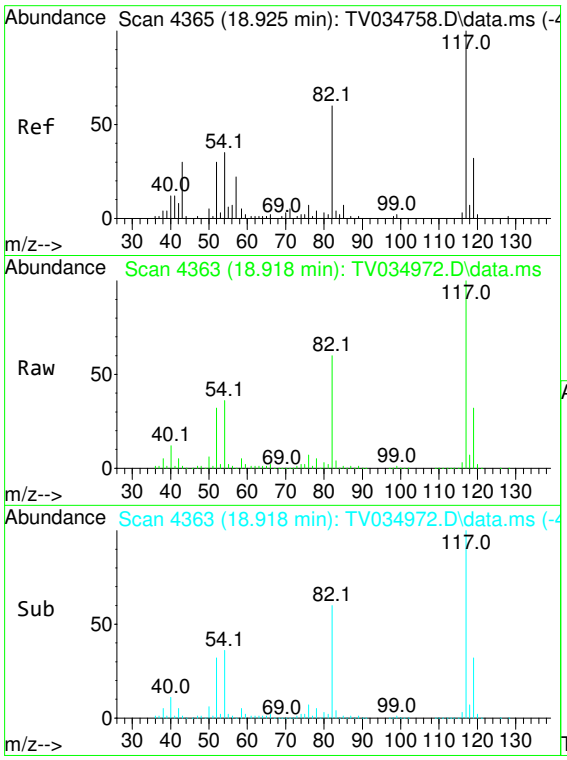


#50
2-Hexanone
Concen: 0.15 ppbv
RT: 16.899 min Scan# 3735
Delta R.T. -0.026 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 43 Resp: 12729

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	43.4	65.2#
100	5.9	0.0	20.8

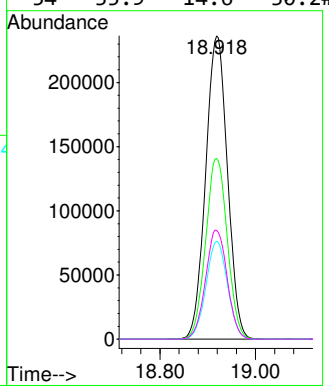


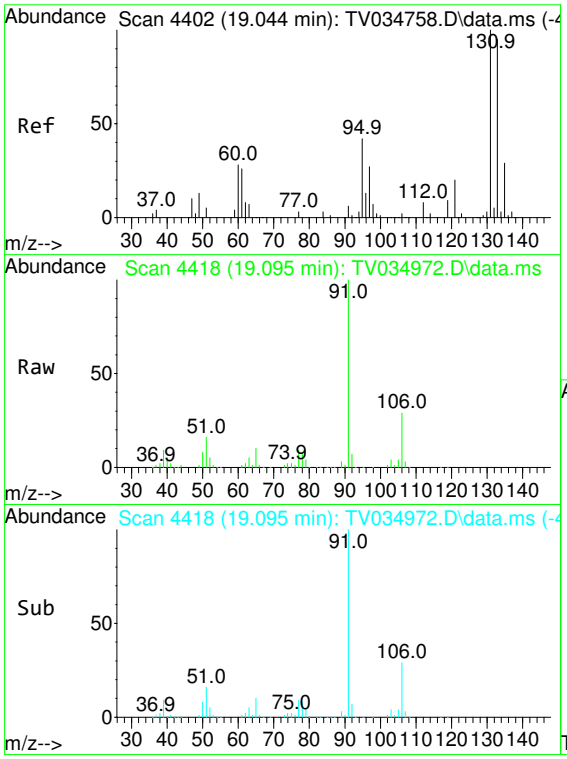


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:117 Resp: 748795

Ion	Ratio	Lower	Upper
117	100		
82	59.4	38.7	80.5
119	32.0	20.3	42.3
54	35.9	14.6	30.2#

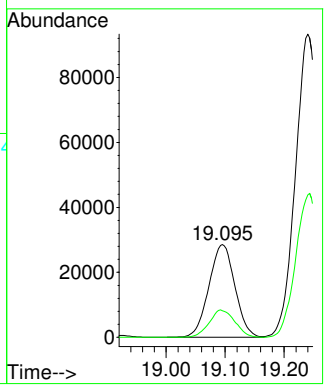


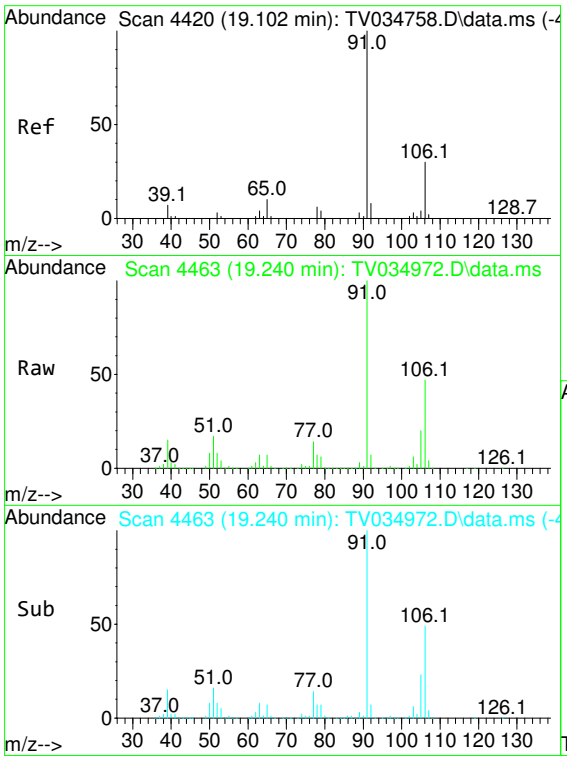


#58
Ethylbenzene
Concen: 0.71 ppbv
RT: 19.095 min Scan# 4418
Delta R.T. -0.040 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 91 Resp: 87593

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.3	42.3

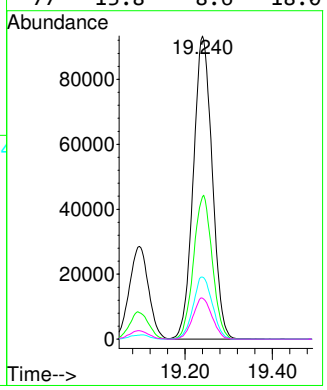


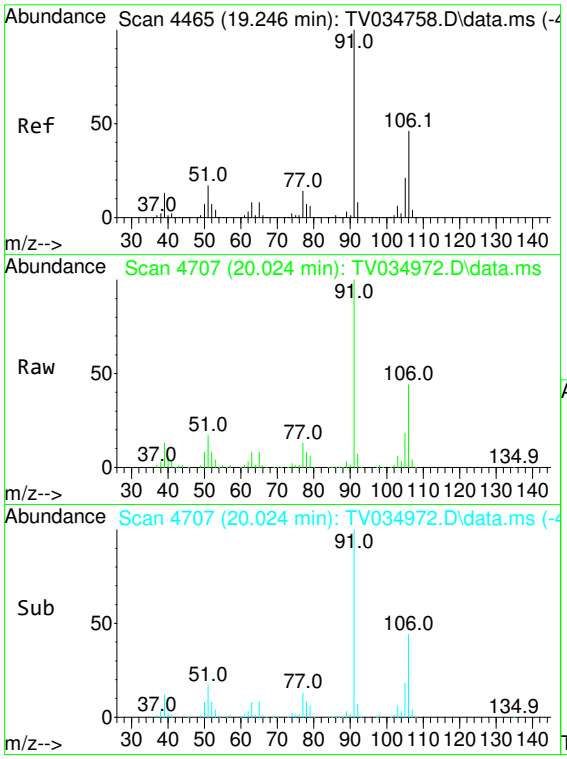


#59
p- & m- Xylenes
Concen: 2.91 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 91 Resp: 280253

Ion	Ratio	Lower	Upper
91	100		
106	47.2	31.0	64.4
105	21.0	13.4	27.8
77	13.8	8.6	18.0

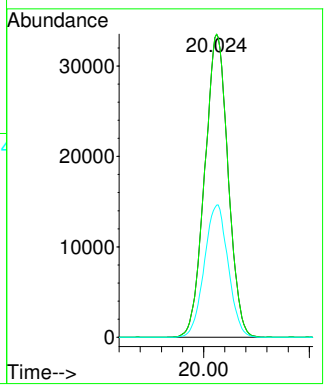


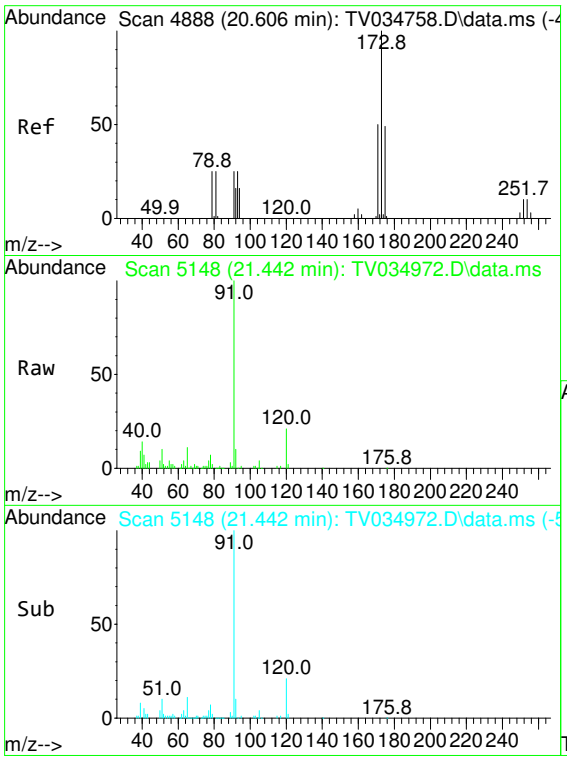


#60
o-Xylene
Concen: 1.03 ppbv
RT: 20.024 min Scan# 4707
Delta R.T. -0.042 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 91 Resp: 102905

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.6	36.9	55.3

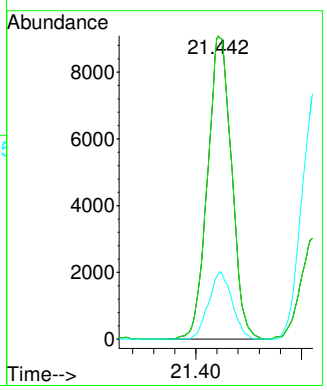


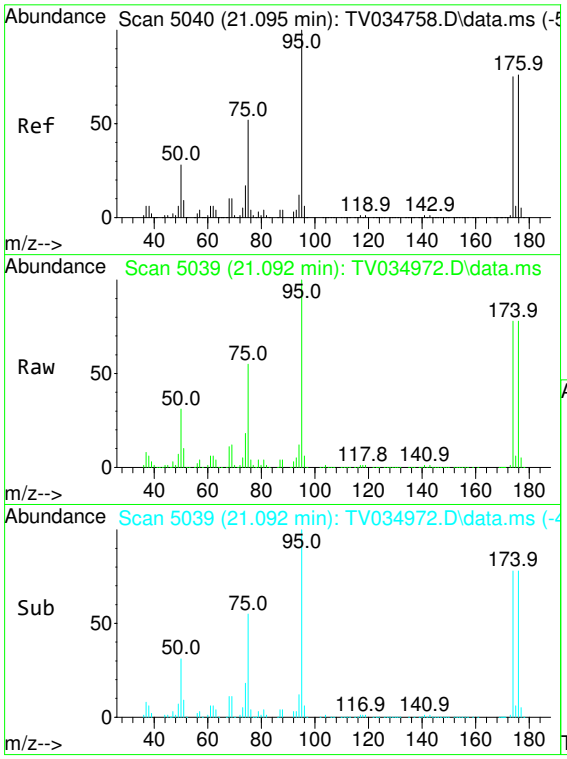


#63
n-Propylbenzene
Concen: 0.18 ppbv
RT: 21.442 min Scan# 5148
Delta R.T. -0.046 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 91 Resp: 28709

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	21.6	11.0	33.0

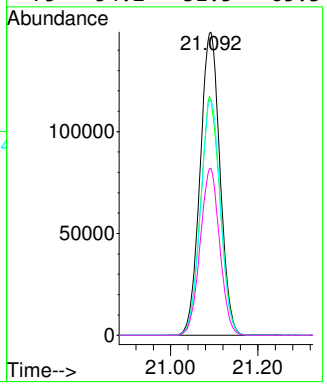


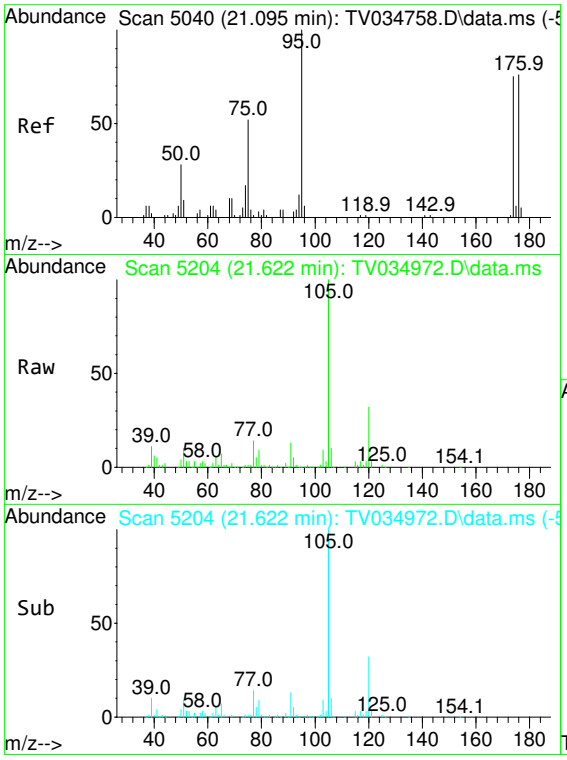


#66
p-Bromofluorobenzene
Concen: 8.54 ppbv
RT: 21.092 min Scan# 5039
Delta R.T. -0.043 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion: 95 Resp: 469634

Ion	Ratio	Lower	Upper
95	100		
174	77.5	50.0	103.8
176	77.4	48.2	100.2
75	54.2	31.5	65.3

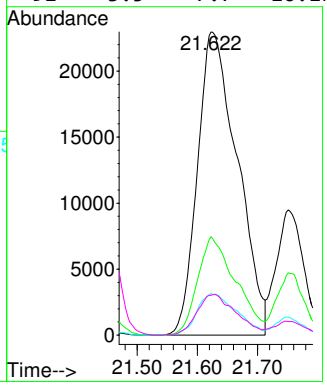


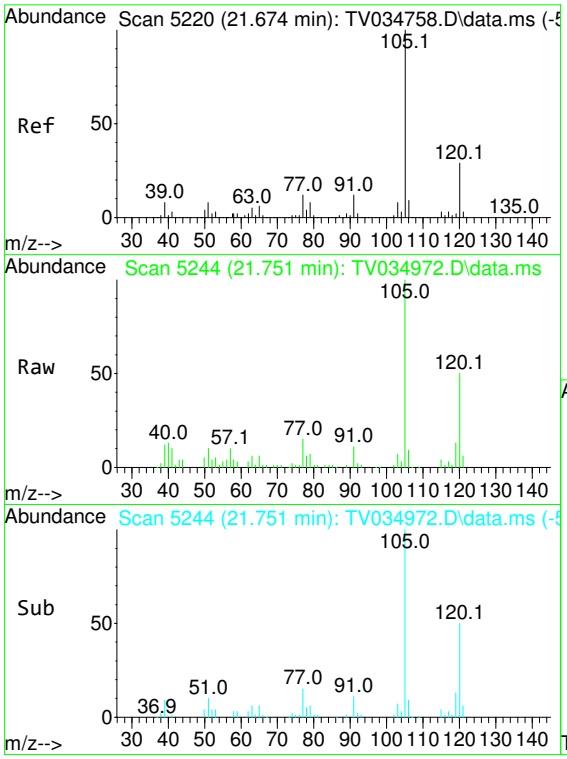


#67
4-Ethyltoluene
Concen: 0.81 ppbv m
RT: 21.622 min Scan# 5204
Delta R.T. -0.089 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:105 Resp: 105743

Ion	Ratio	Lower	Upper
105	100		
120	14.1	17.2	35.6#
77	3.9	7.6	15.8#
91	3.5	7.7	16.1#

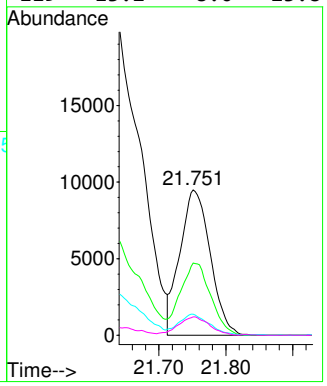


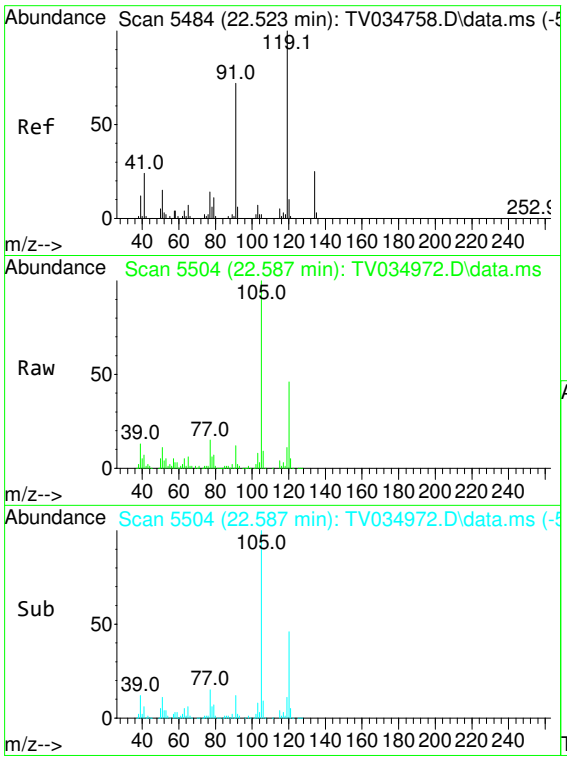


#68
1,3,5-Trimethylbenzene
Concen: 0.27 ppbv
RT: 21.751 min Scan# 5244
Delta R.T. -0.048 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:105 Resp: 30008

Ion	Ratio	Lower	Upper
105	100		
120	49.8	43.4	65.2
77	13.8	10.8	16.2
119	13.2	8.0	23.8

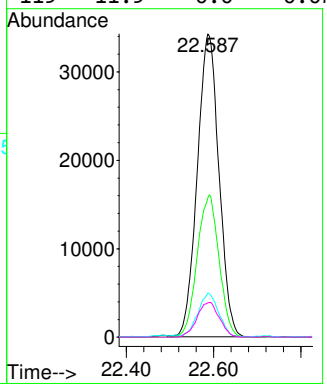




#70
1,2,4-Trimethylbenzene
Concen: 1.03 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034972.D
Acq: 30 Jan 2026 10:12 pm

Tgt Ion:105 Resp: 117787

Ion	Ratio	Lower	Upper
105	100		
120	47.4	29.0	60.2
77	14.0	8.2	17.0
119	11.9	0.0	0.0#



Sample Information

Client Sample ID: AI-1 20260122 **Sample ID: 26A1103-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	1.1		D	ug/m³	0.19	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.19	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	4.3	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.56	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.56	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	0.63	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.33	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.16	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	30	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.60		D	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	0.63	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.49	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.33	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.38	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.57	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
106-99-0	1,3-Butadiene	ND		J	ug/m³	0.54	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.49	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.38	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.49	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	1.5	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
78-93-3	2-Butanone	ND		J	ug/m³	12	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	0.67	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	1.3	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
108-10-1	**4-Methyl-2-pentanone**	1.1		D	ug/m³	0.34	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
67-64-1	**Acetone**	43		D	ug/m³	9.7	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	8.9	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
71-43-2	**Benzene**	0.99		D	ug/m³	0.26	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	11	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.55	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-25-2	Bromoform	ND		U	ug/m³	0.85	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.32	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.25	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Sample Information

Client Sample ID: **AI-1 20260122** **Sample ID:** **26A1103-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.57		D	ug/m³	0.15	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.38	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.22	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
67-66-3	Chloroform	ND		U	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
74-87-3	**Chloromethane**	1.3		D	ug/m³	0.17	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.16	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.37	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
110-82-7	**Cyclohexane**	0.31		D	ug/m³	0.28	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	0.70	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-71-8	**Dichlorodifluoromethane**	1.6		D	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	15	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
100-41-4	**Ethyl Benzene**	0.75		D	ug/m³	0.36	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	0.87	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
67-63-0	**Isopropanol**	22		D	ug/m³	1.2	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.33	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.29	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-09-2	Methylene chloride	ND		J	ug/m³	1.7	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
142-82-5	**n-Heptane**	6.1		D	ug/m³	0.34	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
110-54-3	**n-Hexane**	2.2		D	ug/m³	0.29	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
103-65-1	* n-Propylbenzene	ND		U	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
95-47-6	**o-Xylene**	0.85		D	ug/m³	0.36	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
179601-23-1	**p- & m- Xylenes**	2.1	A-01	D	ug/m³	0.71	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
622-96-8	*** p-Ethyltoluene**	0.52		D	ug/m³	0.40	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
115-07-1	*** Propylene**	1.4		D	ug/m³	0.14	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
100-42-5	**Styrene**	0.84		D	ug/m³	0.35	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.45	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
127-18-4	Tetrachloroethylene	ND		J	ug/m³	0.55	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
109-99-9	* Tetrahydrofuran	ND		U	ug/m³	0.48	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
108-88-3	**Toluene**	7.0		D	ug/m³	0.31	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.32	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.37	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Sample Information

Client Sample ID: AI-1 20260122 **Sample ID: 26A1103-02**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:13 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.13	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.46	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.29	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.36	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.10	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR
1330-20-7	**Xylenes, Total**	3.0		D	ug/m³	1.1	0.818	EPA TO-15	1/30/26 11:46	1/31/26 00:16	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034973.D
Acq On : 31 Jan 2026 12:16 am
Operator : YR
Sample : 26A1103-02
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.818
InstName : TO15_AIR3

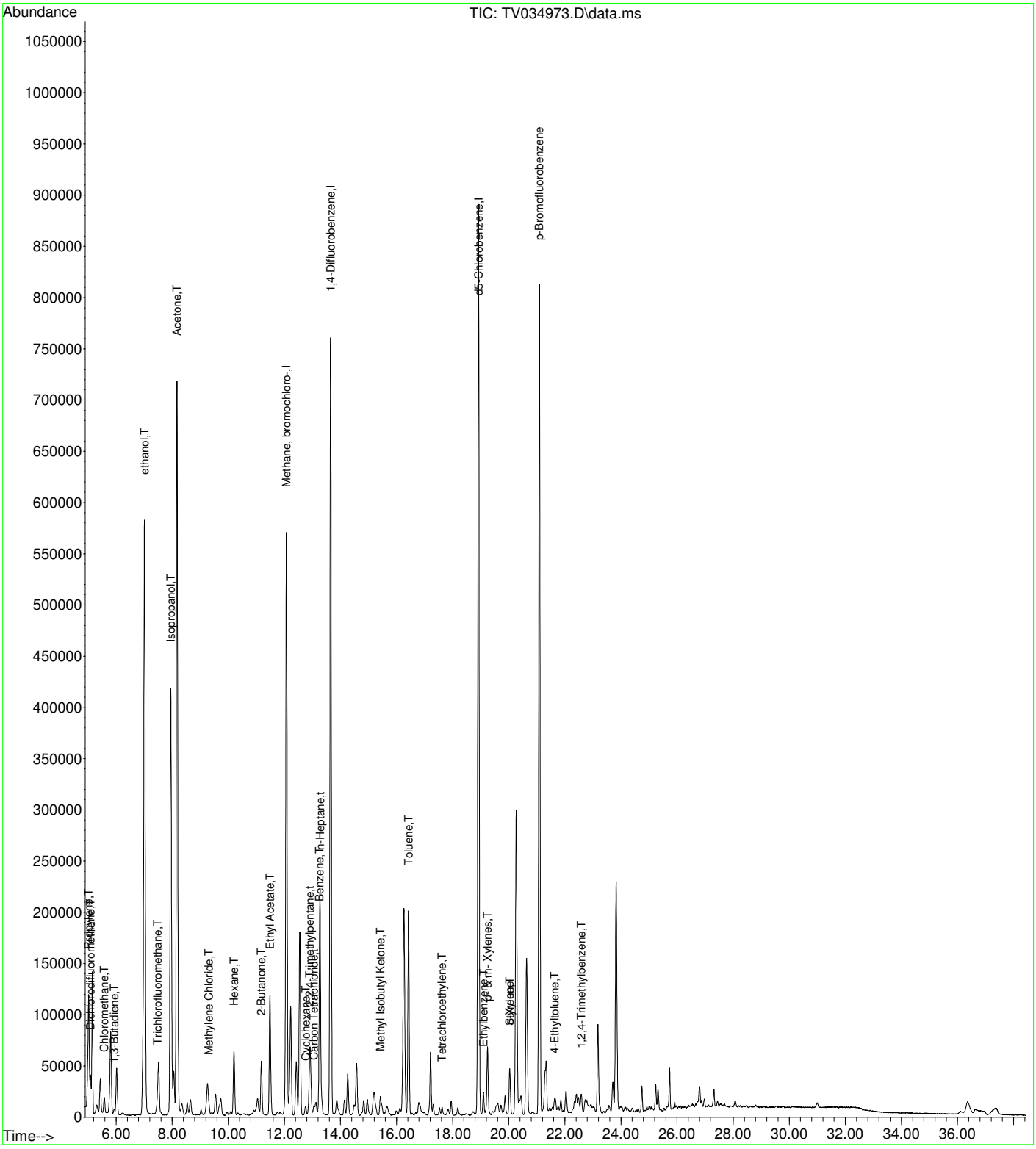
Quant Time: Jan 31 08:33:19 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

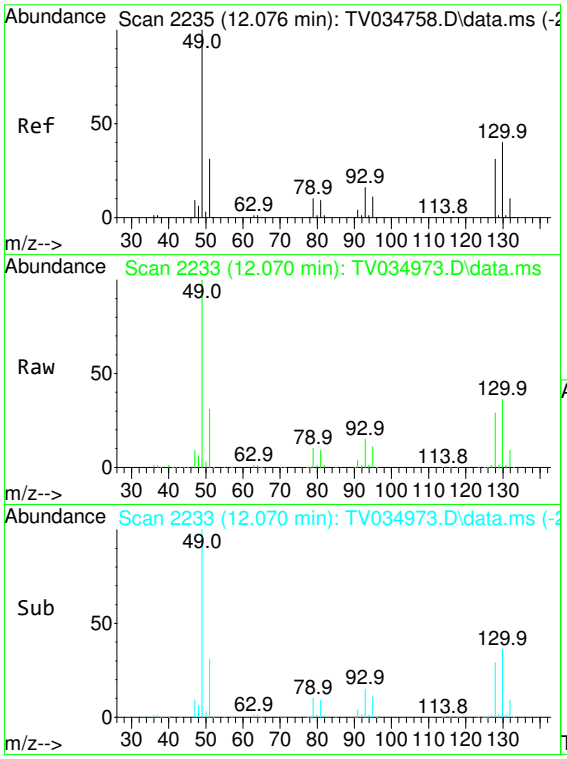
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	668437	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.649	114	923879	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.922	117	793589	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.019	42	27564	1.01	ppbv	#	49
3) Dichlorodifluoromethane	5.089	85	33721	0.39	ppbv	#	92
5) Chloromethane	5.575	50	30747	0.74	ppbv		99
7) 1,3-Butadiene	5.929	54	4174	0.12	ppbv		96
10) ethanol	7.009	45	1143356	49.56	ppbv		89
12) Trichlorofluoromethane	7.475	101	19565	0.22	ppbv		99
13) Isopropanol	7.948	45	1010406	10.94	ppbv		100
15) Acetone	8.170	43	1620018	22.20	ppbv		94
19) Methylene Chloride	9.305	49	10439	0.18	ppbv	#	72
24) Hexane	10.205	57	51592	0.75	ppbv		89
27) 2-Butanone	11.176	43	123172	1.22	ppbv	#	83
28) Ethyl Acetate	11.485	43	245439	2.12	ppbv	#	93
33) Cyclohexane	12.758	56	8194	0.11	ppbv	#	76
34) 2,2,4-Trimethylpentane	12.903	57	63038	0.29	ppbv	#	53
35) Carbon Tetrachloride	13.051	117	8496	0.11	ppbv		99
37) Benzene	13.250	78	35114	0.38	ppbv	#	100
38) n-Heptane	13.269	43	169484	1.83	ppbv	#	75
45) Methyl Isobutyl Ketone	15.423	43	32616	0.32	ppbv	#	82
47) Toluene	16.427	91	230398	2.26	ppbv		98
52) Tetrachloroethylene	17.616	166	3709	0.07	ppbv		97
58) Ethylbenzene	19.095	91	27427	0.21	ppbv		96
59) p- & m- Xylenes	19.243	91	61543	0.60	ppbv		97
60) o-Xylene	20.025	91	25610	0.24	ppbv		100
61) Styrene	20.041	104	17473	0.24	ppbv	#	74
66) p-Bromofluorobenzene	21.089	95	490961	8.42	ppbv		97
67) 4-Ethyltoluene	21.632	105	17993m	0.13	ppbv		
70) 1,2,4-Trimethylbenzene	22.587	105	17839	0.15	ppbv	#	97

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034973.D
Acq On : 31 Jan 2026 12:16 am
Operator : YR
Sample : 26A1103-02
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.818
InstName : TO15_AIR3

Quant Time: Jan 31 08:33:19 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

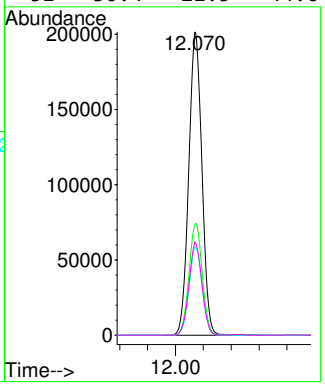


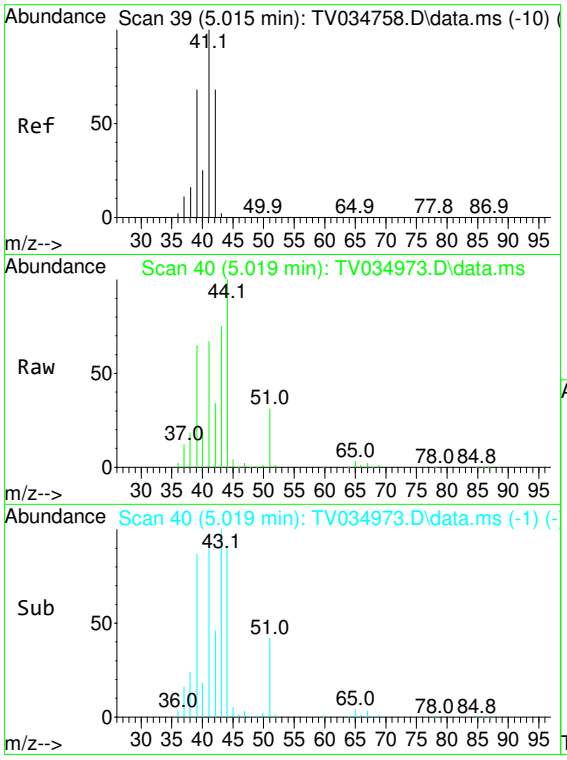


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 49 Resp: 668437

Ion	Ratio	Lower	Upper
49	100		
130	37.2	44.5	92.3#
128	29.0	34.7	72.1#
51	30.4	21.5	44.6

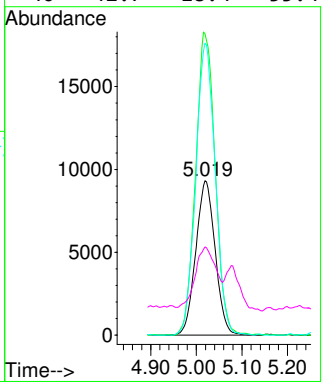


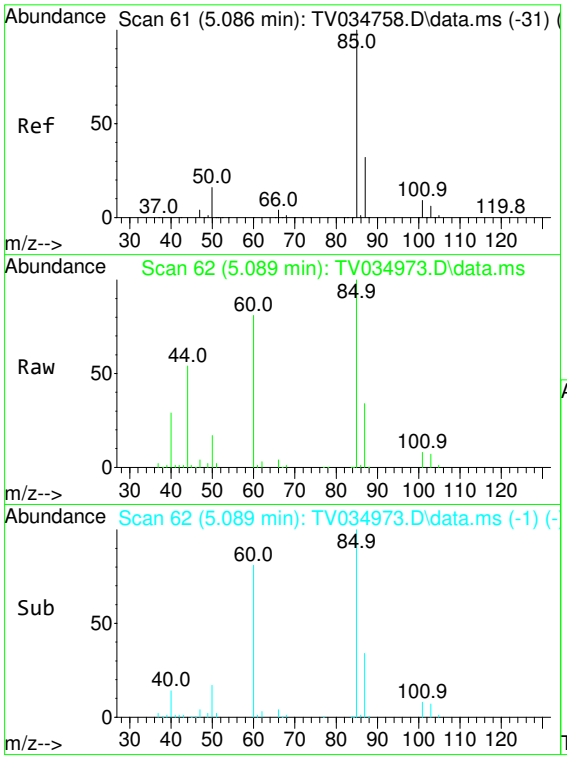


#2
Propylene
Concen: 1.01 ppbv
RT: 5.019 min Scan# 40
Delta R.T. -0.022 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 42 Resp: 27564

Ion	Ratio	Lower	Upper
42	100		
41	197.8	88.9	207.5
39	189.7	52.2	156.6#
40	42.7	18.4	55.4

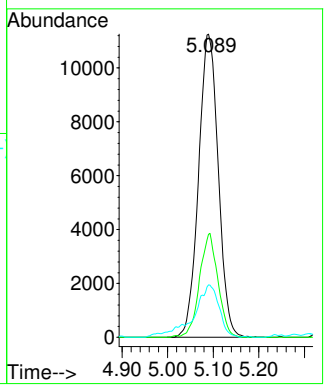


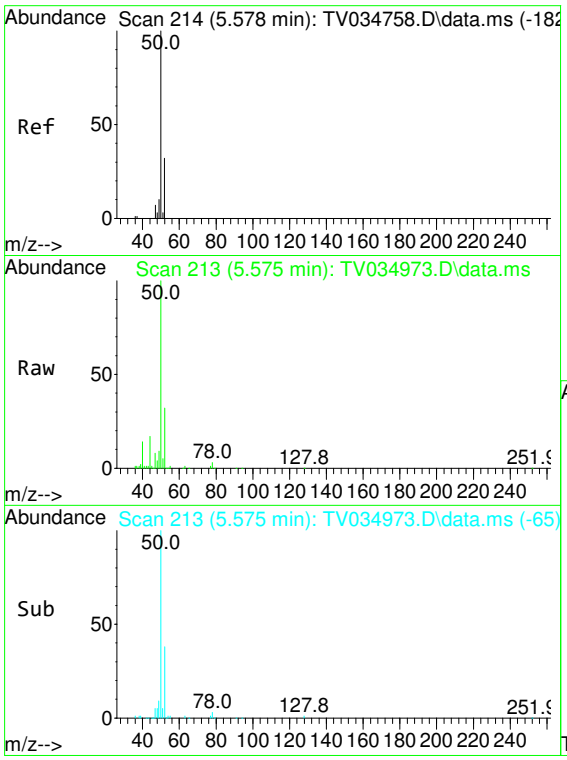


#3
Dichlorodifluoromethane
Concen: 0.39 ppbv
RT: 5.089 min Scan# 62
Delta R.T. -0.023 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 85 Resp: 33721

Ion	Ratio	Lower	Upper
85	100		
87	32.2	21.0	43.6
50	22.7	6.8	14.2#

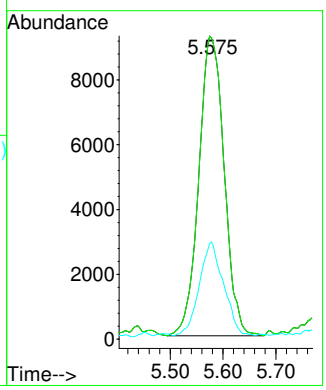


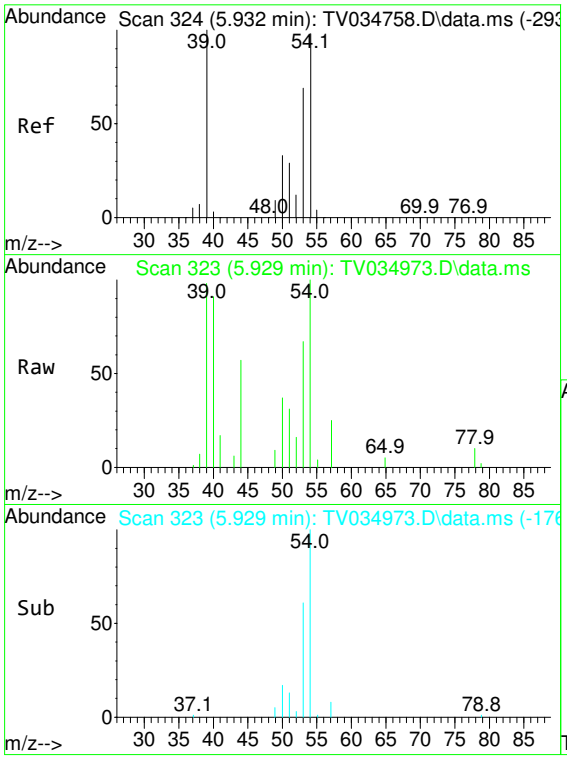


#5
Chloromethane
Concen: 0.74 ppbv
RT: 5.575 min Scan# 213
Delta R.T. -0.024 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 50 Resp: 30747

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	29.7	16.5	49.5

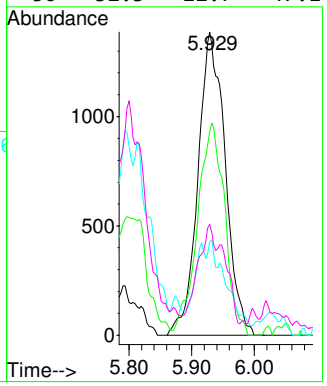


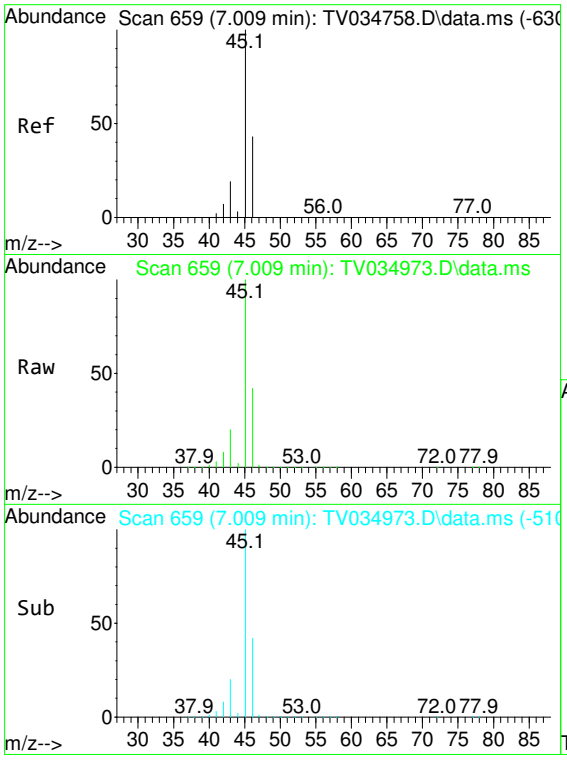


#7
1,3-Butadiene
Concen: 0.12 ppbv
RT: 5.929 min Scan# 323
Delta R.T. -0.027 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 54 Resp: 4174

Ion	Ratio	Lower	Upper
54	100		
53	70.1	43.4	90.2
51	29.4	19.9	41.3
50	32.3	22.7	47.1

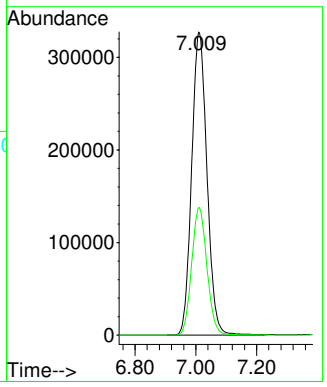


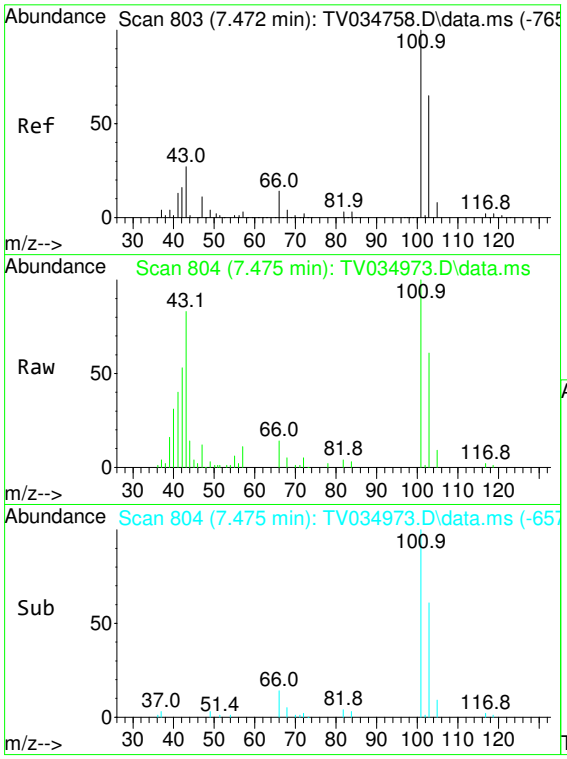


#10
ethanol
Concen: 49.56 ppbv
RT: 7.009 min Scan# 659
Delta R.T. -0.022 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 45 Resp: 1143356

Ion	Ratio	Lower	Upper
45	100		
46	42.3	40.0	60.0

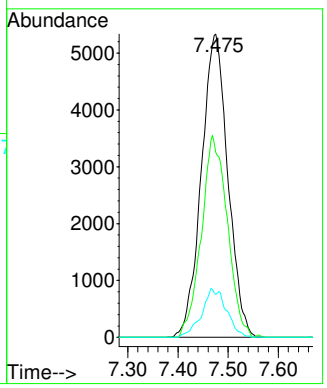


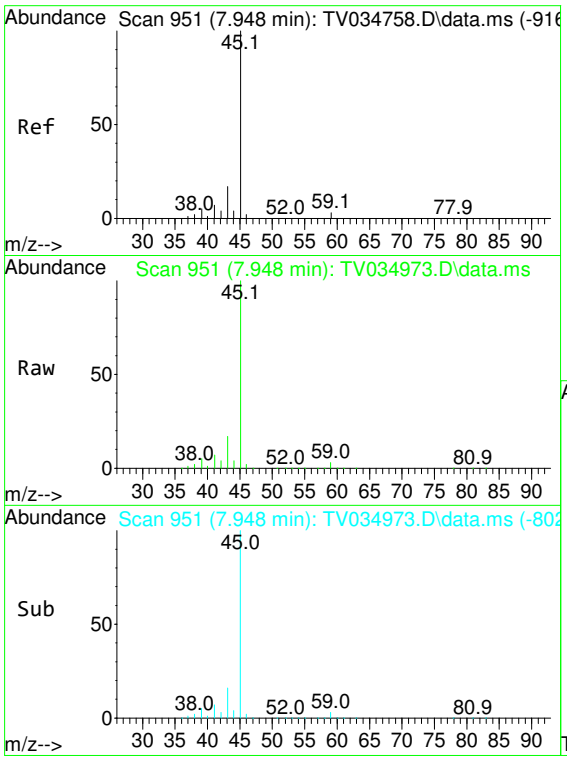


#12
Trichlorofluoromethane
Concen: 0.22 ppbv
RT: 7.475 min Scan# 804
Delta R.T. -0.027 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:101 Resp: 19565

Ion	Ratio	Lower	Upper
101	100		
103	65.1	42.4	88.0
66	15.1	7.9	16.5

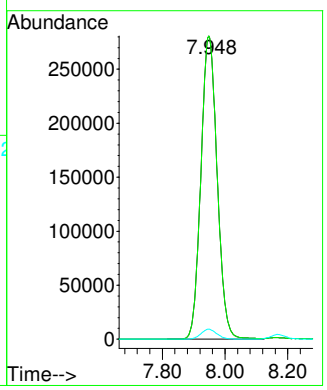


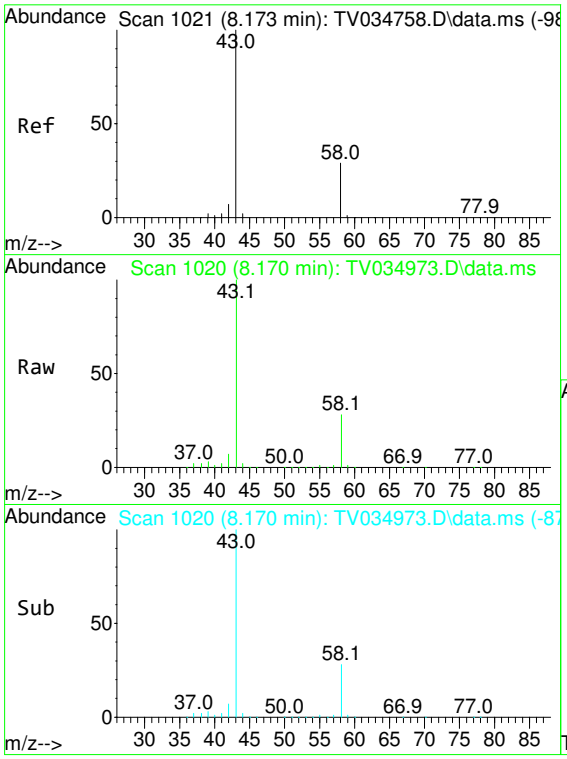


#13
Isopropanol
Concen: 10.94 ppbv
RT: 7.948 min Scan# 951
Delta R.T. -0.021 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 45 Resp: 1010406

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.3	0.0	8.4

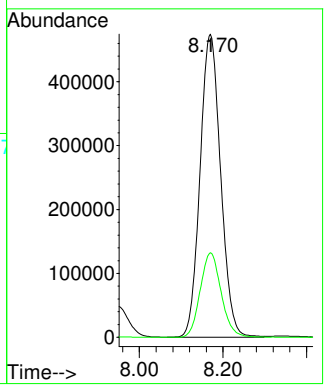


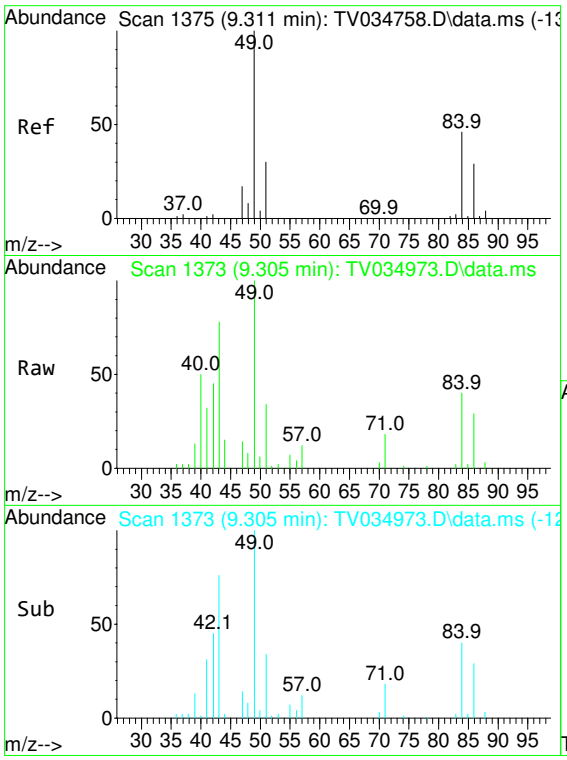


#15
Acetone
Concen: 22.20 ppbv
RT: 8.170 min Scan# 1020
Delta R.T. -0.031 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 43 Resp: 1620018

Ion	Ratio	Lower	Upper
43	100		
58	28.6	20.7	42.9

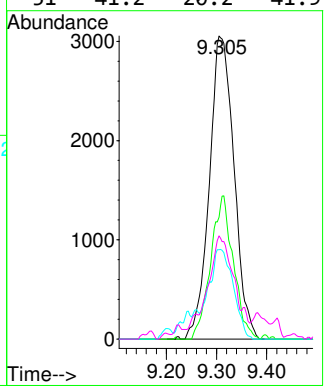


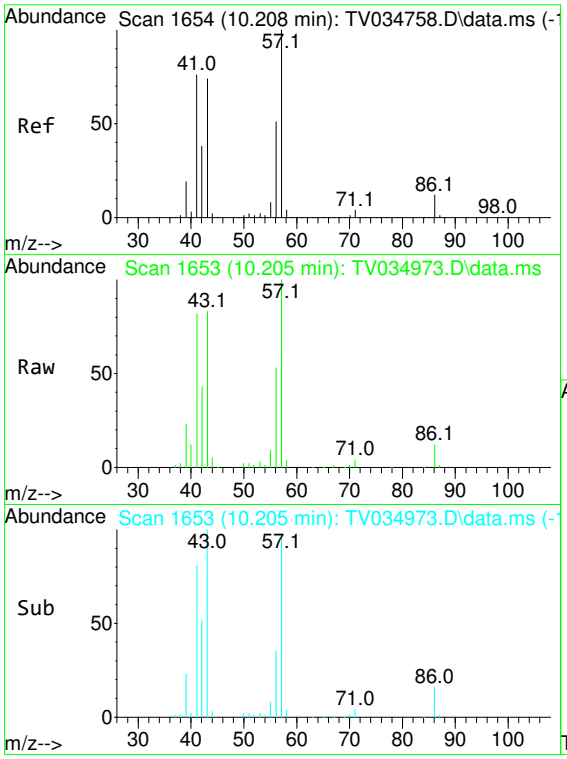


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.305 min Scan# 1373
Delta R.T. -0.040 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 49 Resp: 10439

Ion	Ratio	Lower	Upper
49	100		
84	43.4	50.1	104.0#
86	37.2	32.2	66.8
51	41.2	20.2	41.9

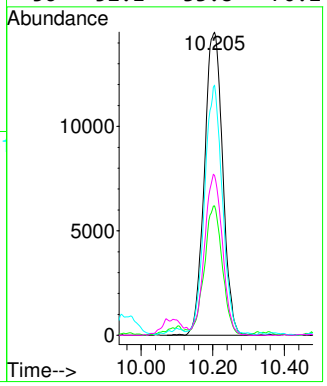


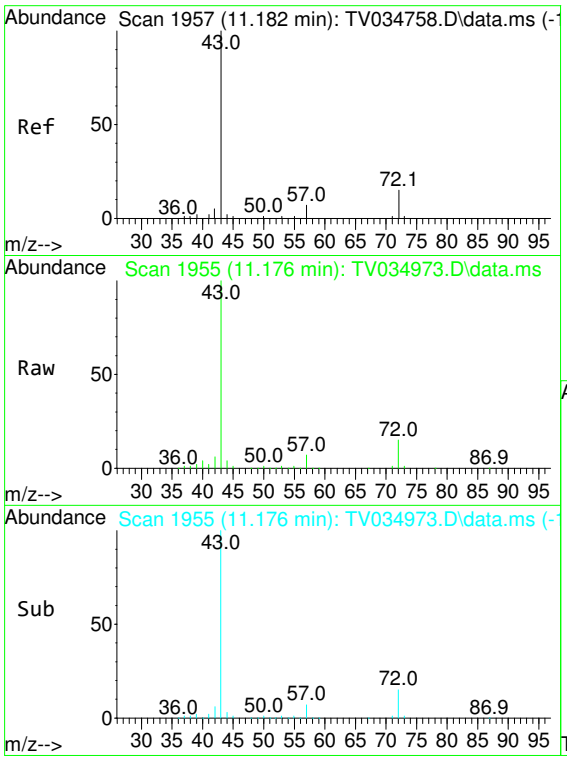


#24
Hexane
Concen: 0.75 ppbv
RT: 10.205 min Scan# 1653
Delta R.T. -0.029 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 57 Resp: 51592

Ion	Ratio	Lower	Upper
57	100		
42	42.3	22.2	46.0
43	79.9	42.9	89.1
56	52.1	33.8	70.2

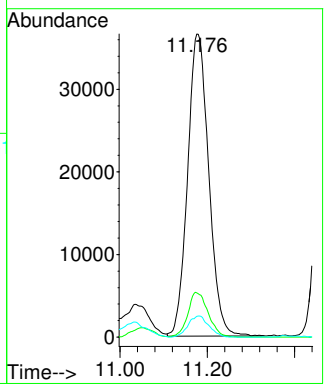


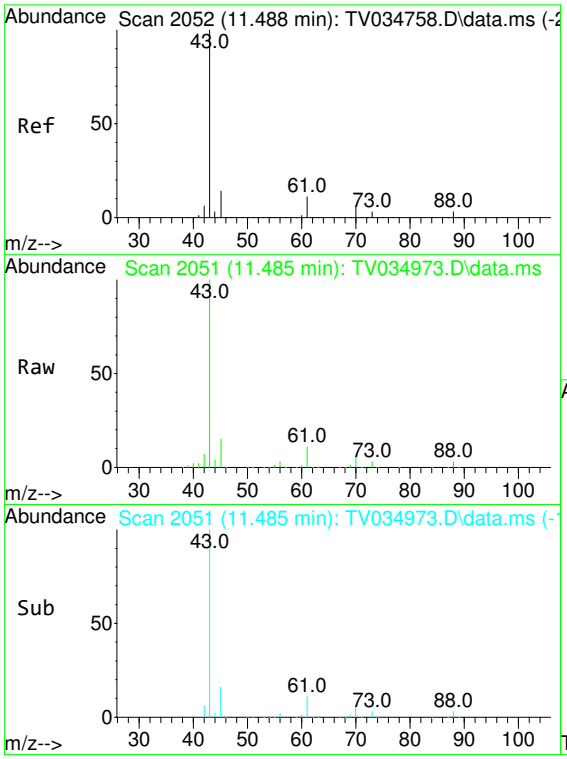


#27
2-Butanone
Concen: 1.22 ppbv
RT: 11.176 min Scan# 1955
Delta R.T. -0.036 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 43 Resp: 123172

Ion	Ratio	Lower	Upper
43	100		
72	14.3	16.4	34.2#
57	7.0	5.0	10.4

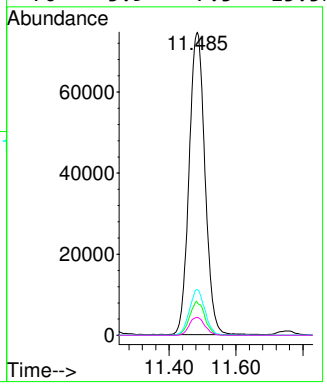


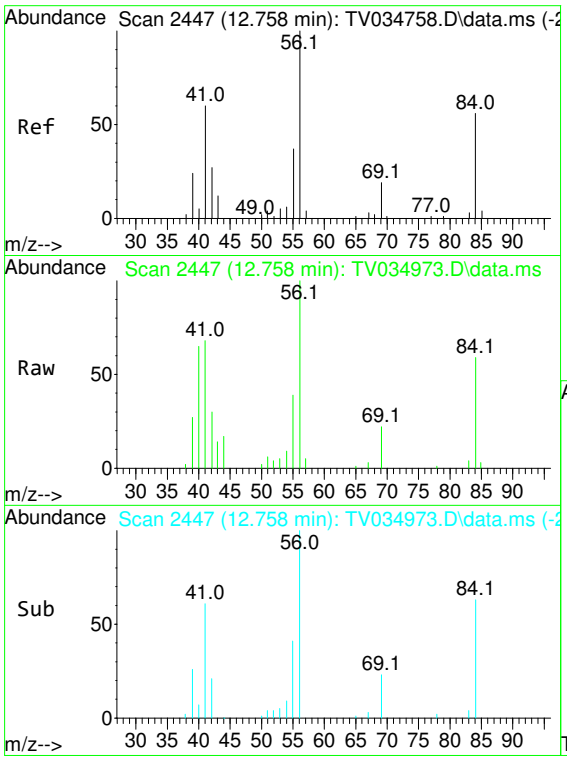


#28
Ethyl Acetate
Concen: 2.12 ppbv
RT: 11.485 min Scan# 2051
Delta R.T. -0.034 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 43 Resp: 245439

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.2	19.2
45	15.0	9.4	19.6
70	5.9	7.5	15.5#

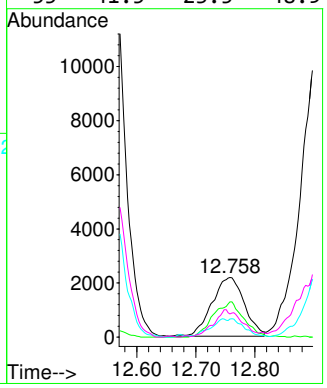


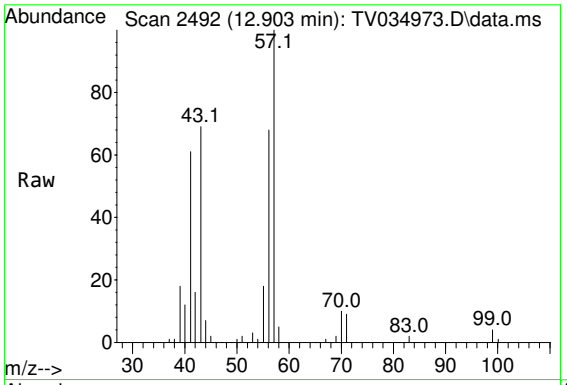


#33
Cyclohexane
Concen: 0.11 ppbv
RT: 12.758 min Scan# 2447
Delta R.T. -0.036 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 56 Resp: 8194

Ion	Ratio	Lower	Upper
56	100		
84	57.8	56.4	117.0
42	33.4	15.3	31.7#
55	41.5	23.5	48.9

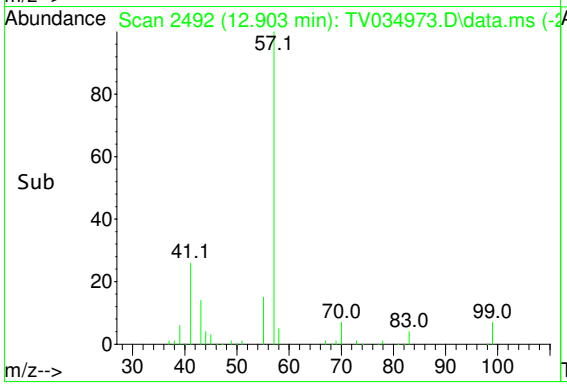


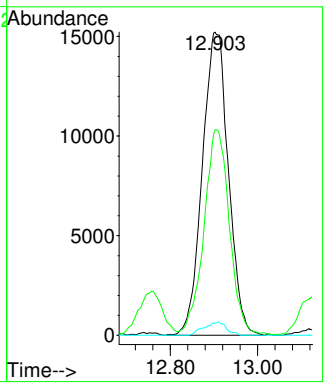


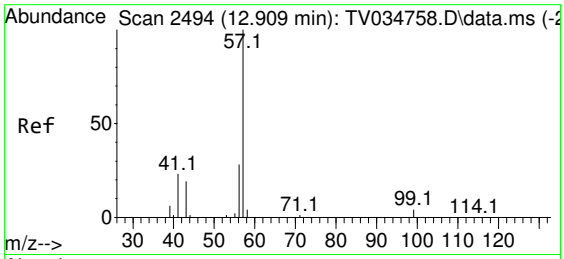
#34
2,2,4-Trimethylpentane
Concen: 0.29 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 57 Resp: 63038

Ion	Ratio	Lower	Upper
57	100		
56	65.7	24.5	45.5#
99	3.8	3.5	6.5



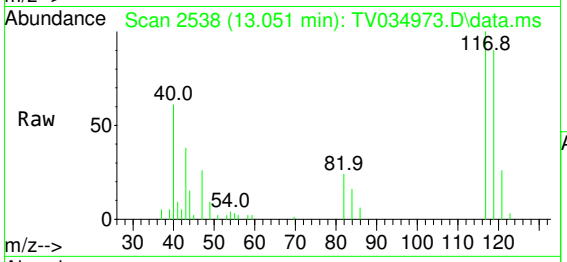


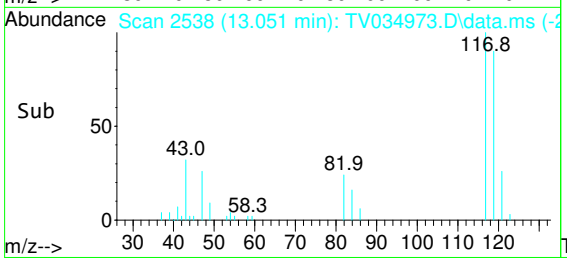


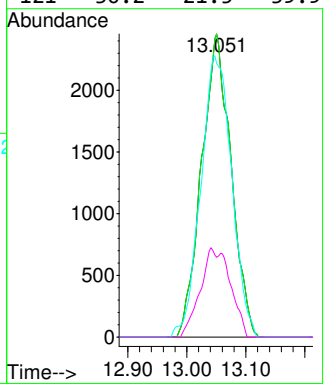
#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 13.051 min Scan# 2538
Delta R.T. -0.037 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

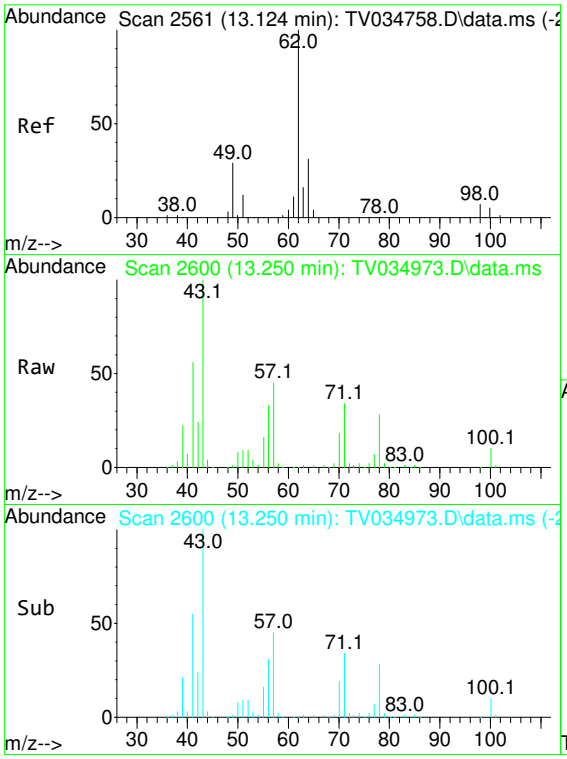
Tgt Ion:117 Resp: 8496

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.5	76.5	114.7
121	30.2	21.5	39.9





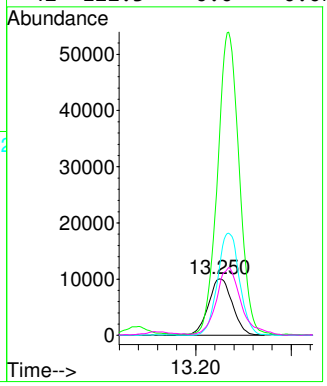


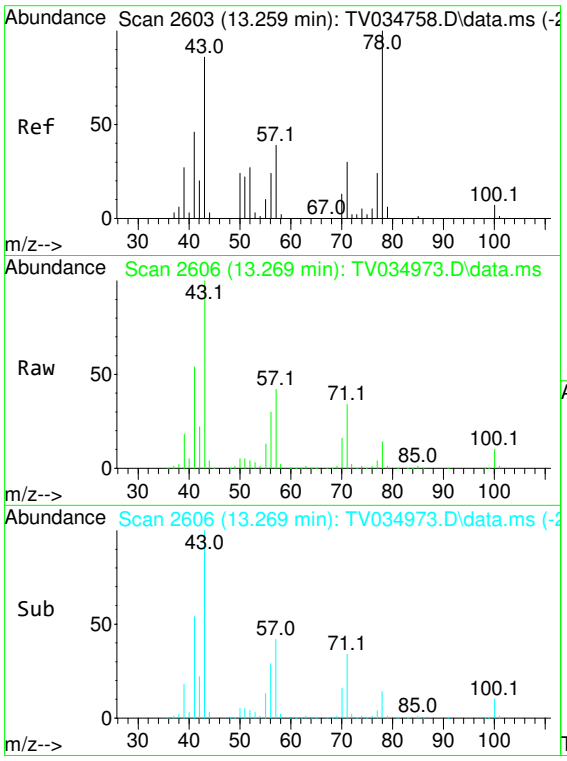


#37
Benzene
Concen: 0.38 ppbv
RT: 13.250 min Scan# 2600
Delta R.T. -0.044 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 78 Resp: 35114

Ion	Ratio	Lower	Upper
78	100		
43	482.7	0.0	0.0#
71	166.0	0.0	0.0#
42	122.3	0.0	0.0#

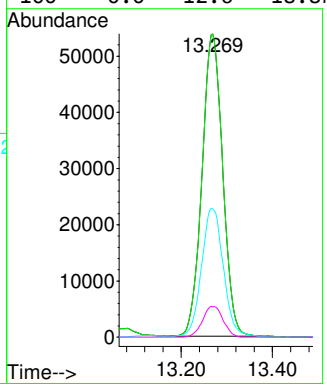


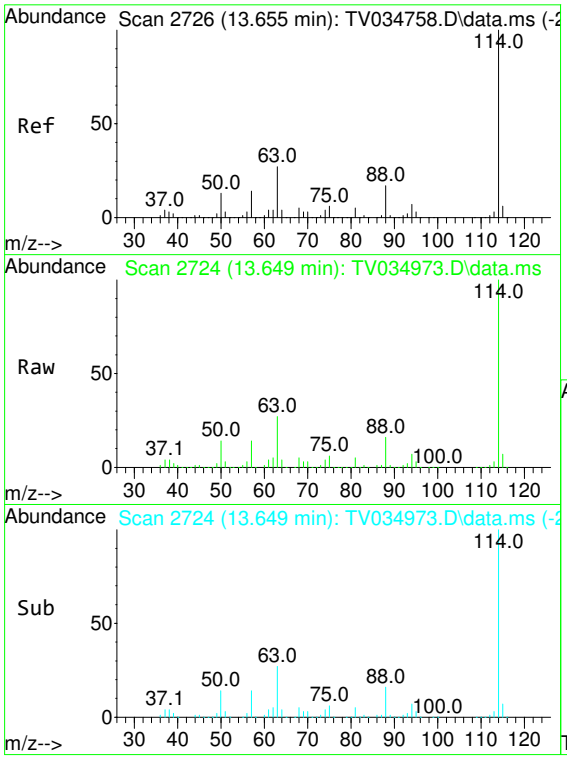


#38
n-Heptane
Concen: 1.83 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 43 Resp: 169484

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	0.0	12.6	18.8#

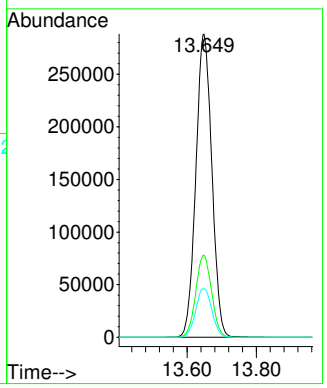


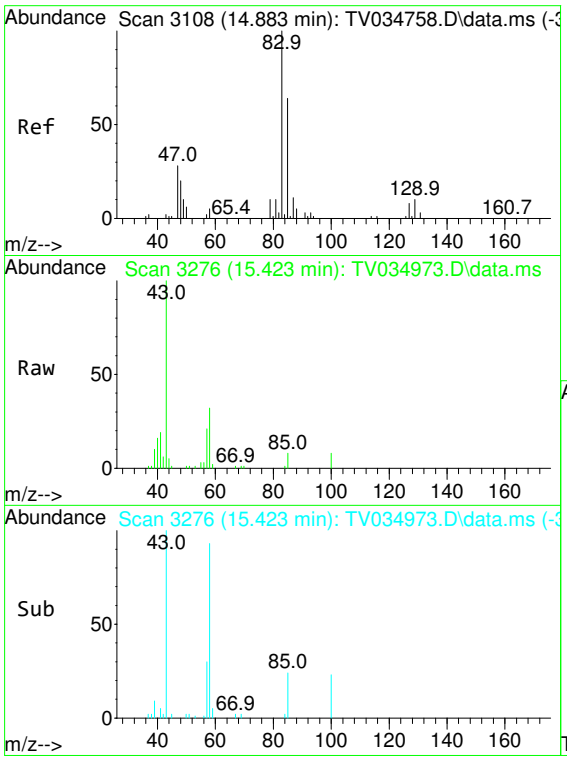


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.649 min Scan# 2724
Delta R.T. -0.040 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:114 Resp: 923879

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.3	11.2	23.2

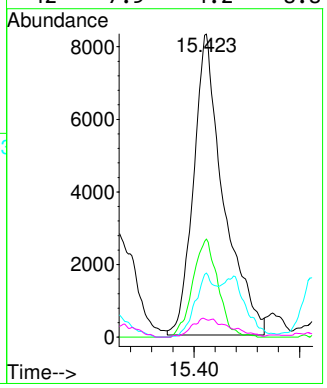


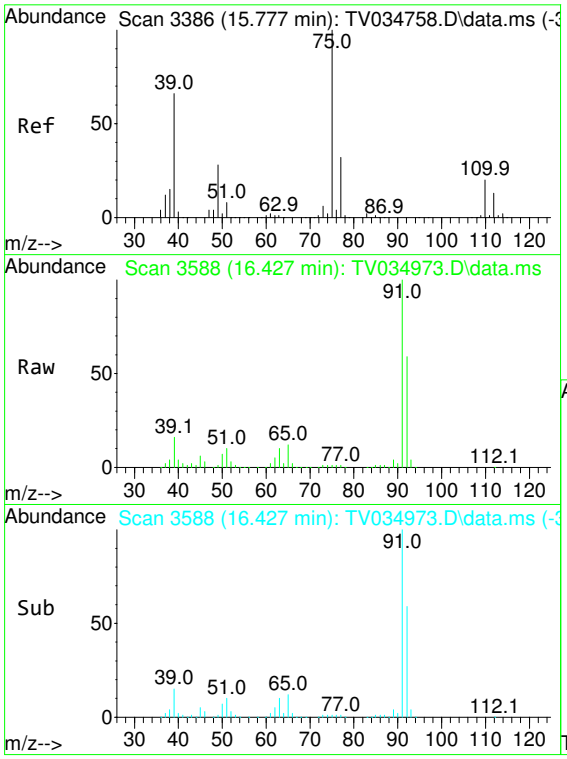


#45
Methyl Isobutyl Ketone
Concen: 0.32 ppbv
RT: 15.423 min Scan# 3276
Delta R.T. -0.031 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 43 Resp: 32616

Ion	Ratio	Lower	Upper
43	100		
58	27.7	25.3	52.5
57	14.6	16.1	33.5#
42	7.9	4.2	8.8

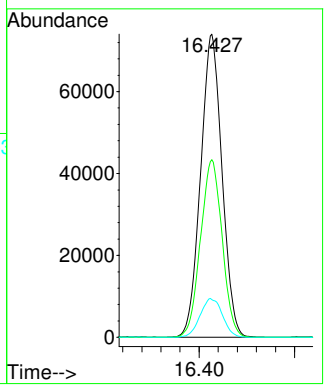


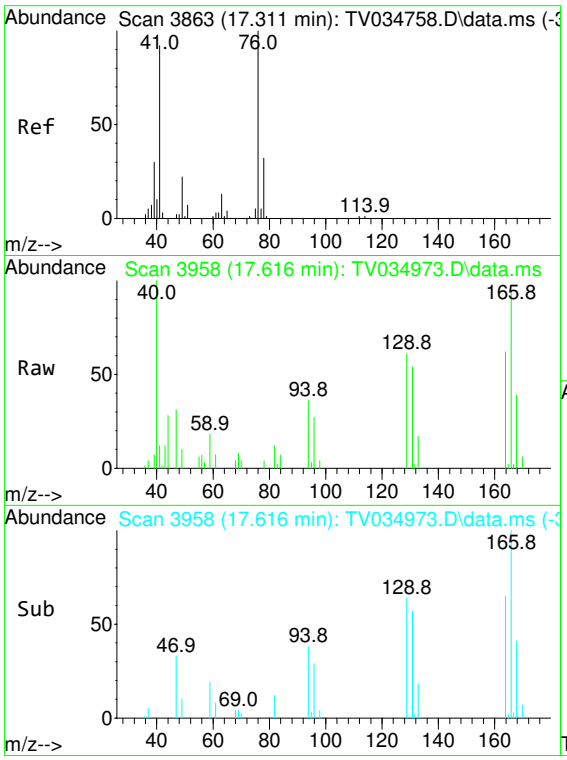


#47
Toluene
Concen: 2.26 ppbv
RT: 16.427 min Scan# 3588
Delta R.T. -0.041 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 91 Resp: 230398

Ion	Ratio	Lower	Upper
91	100		
92	59.2	39.0	81.0
65	13.5	7.7	16.1

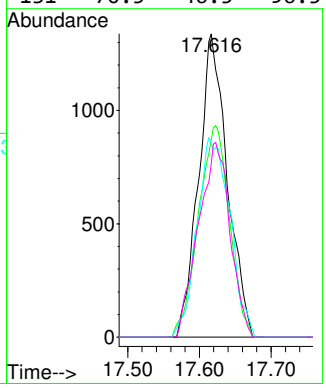


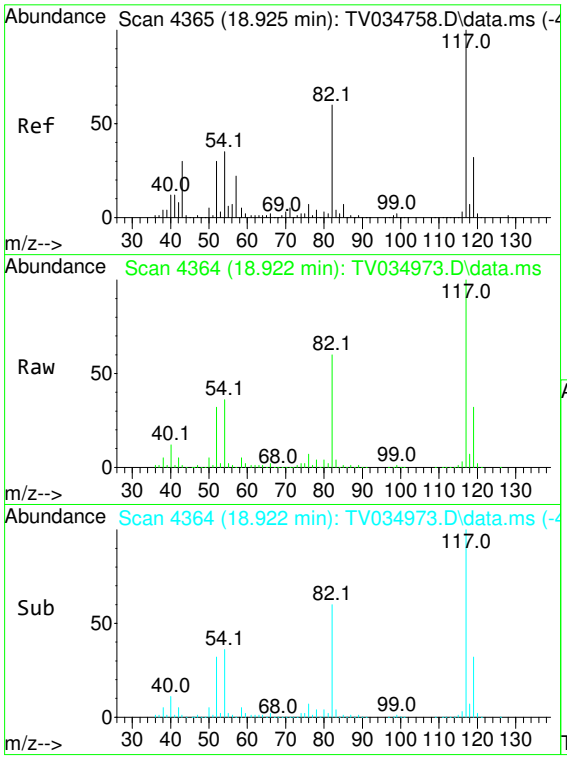


#52
Tetrachloroethylene
Concen: 0.07 ppbv
RT: 17.616 min Scan# 3958
Delta R.T. -0.045 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:166 Resp: 3709

Ion	Ratio	Lower	Upper
166	100		
164	75.5	51.4	106.8
129	75.5	47.0	97.6
131	70.5	46.5	96.5

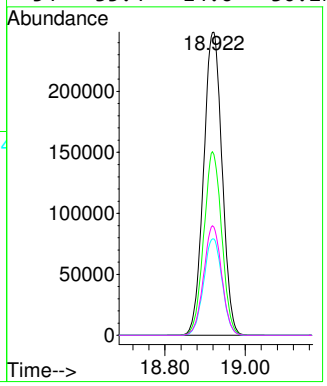


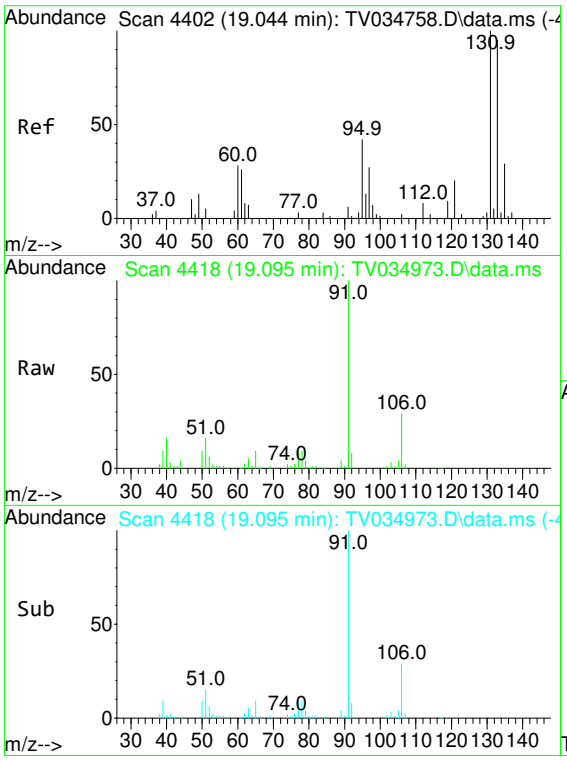


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.922 min Scan# 4364
Delta R.T. -0.040 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:117 Resp: 793589

Ion	Ratio	Lower	Upper
117	100		
82	58.9	38.7	80.5
119	31.9	20.3	42.3
54	35.4	14.6	30.2#

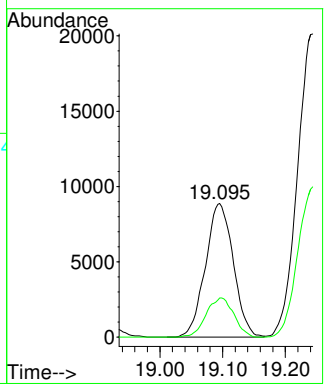


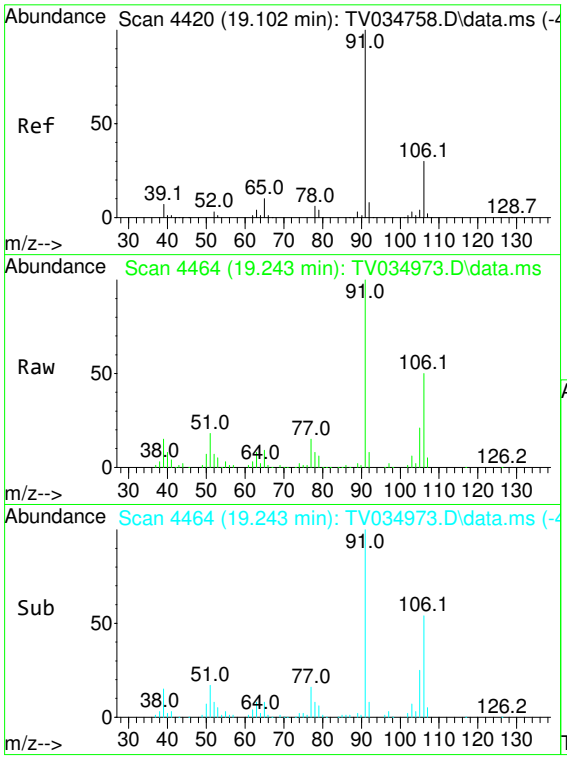


#58
Ethylbenzene
Concen: 0.21 ppbv
RT: 19.095 min Scan# 4418
Delta R.T. -0.040 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 91 Resp: 27427

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.3	42.3

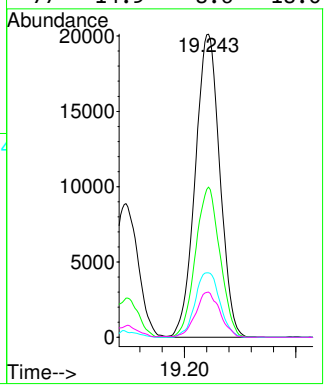


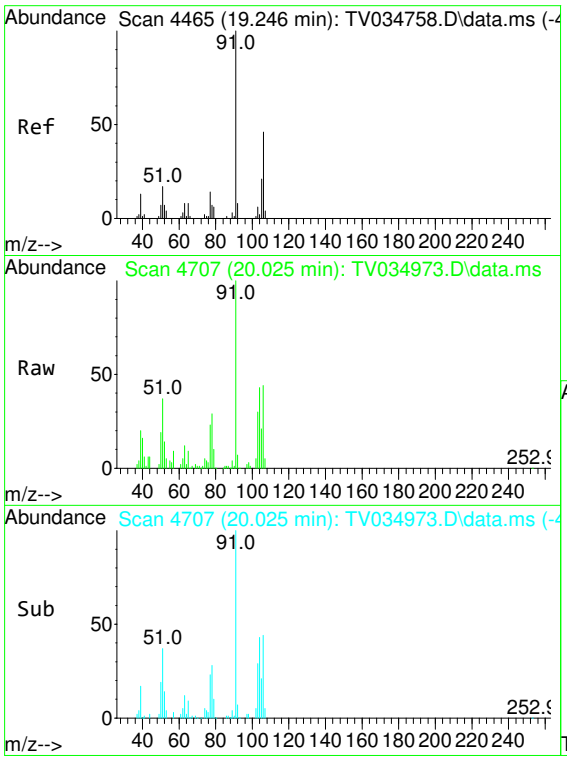


#59
p- & m- Xylenes
Concen: 0.60 ppbv
RT: 19.243 min Scan# 4464
Delta R.T. -0.039 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 91 Resp: 61543

Ion	Ratio	Lower	Upper
91	100		
106	49.5	31.0	64.4
105	21.5	13.4	27.8
77	14.9	8.6	18.0

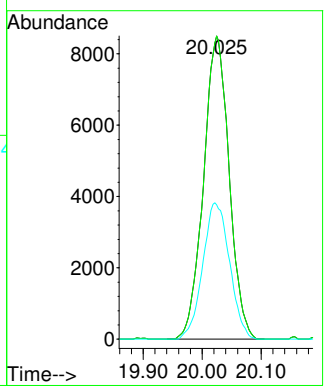


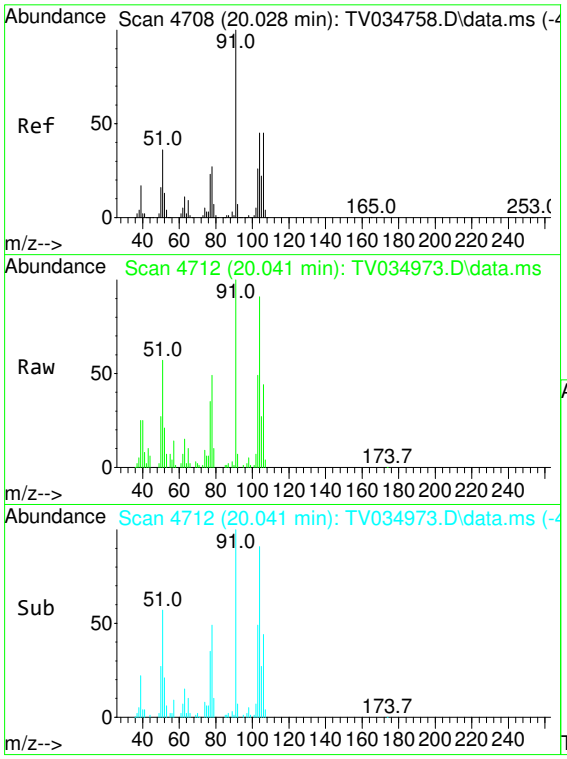


#60
o-Xylene
Concen: 0.24 ppbv
RT: 20.025 min Scan# 4707
Delta R.T. -0.041 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 91 Resp: 25610

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	47.1	36.9	55.3

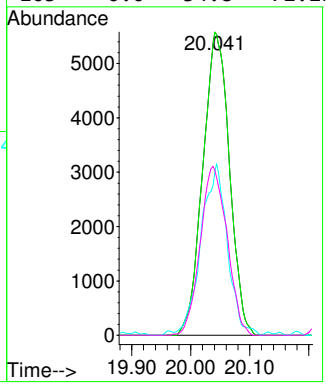


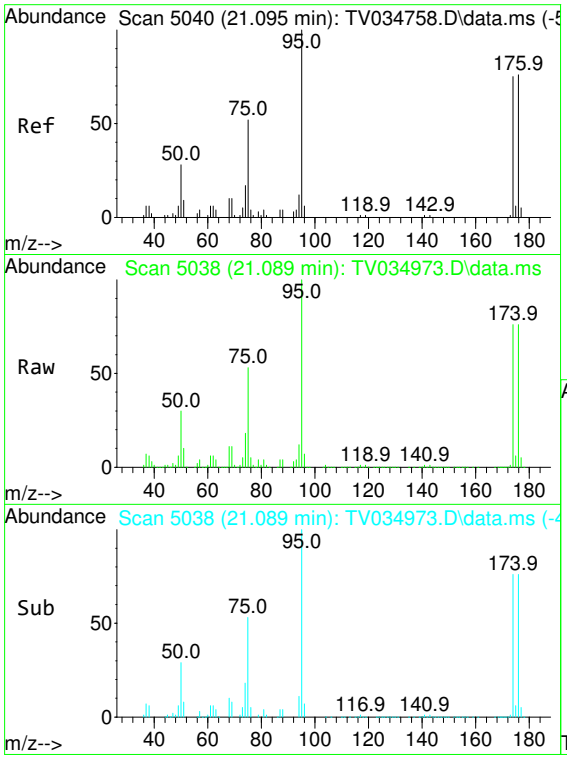


#61
Styrene
Concen: 0.24 ppbv
RT: 20.041 min Scan# 4712
Delta R.T. -0.042 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:104 Resp: 17473

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	56.3	0.0	0.0#
103	0.0	34.8	72.2#

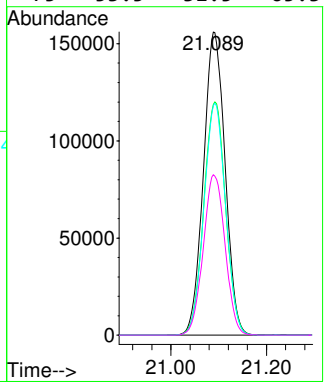


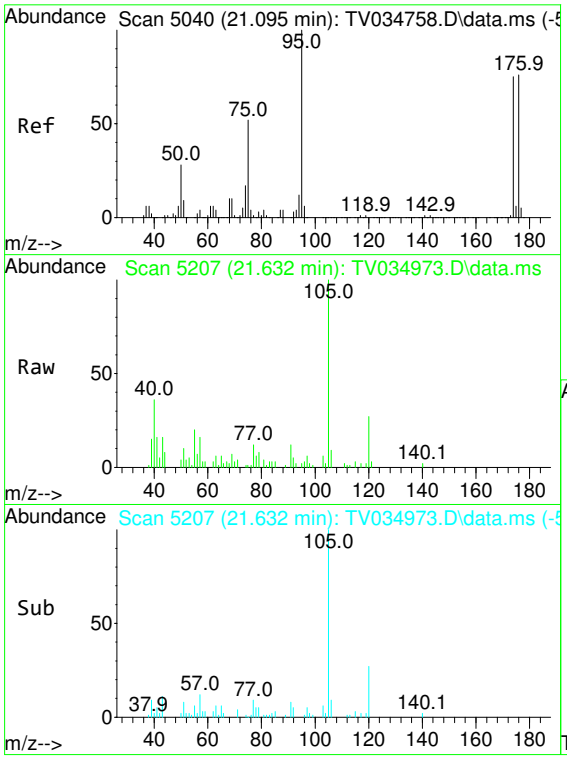


#66
p-Bromofluorobenzene
Concen: 8.42 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion: 95 Resp: 490961

Ion	Ratio	Lower	Upper
95	100		
174	77.9	50.0	103.8
176	76.6	48.2	100.2
75	53.5	31.5	65.3

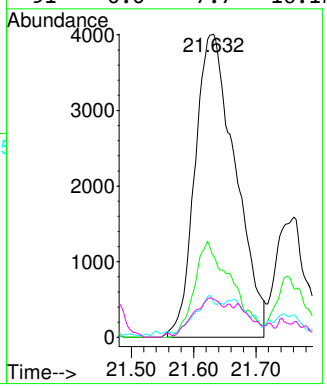


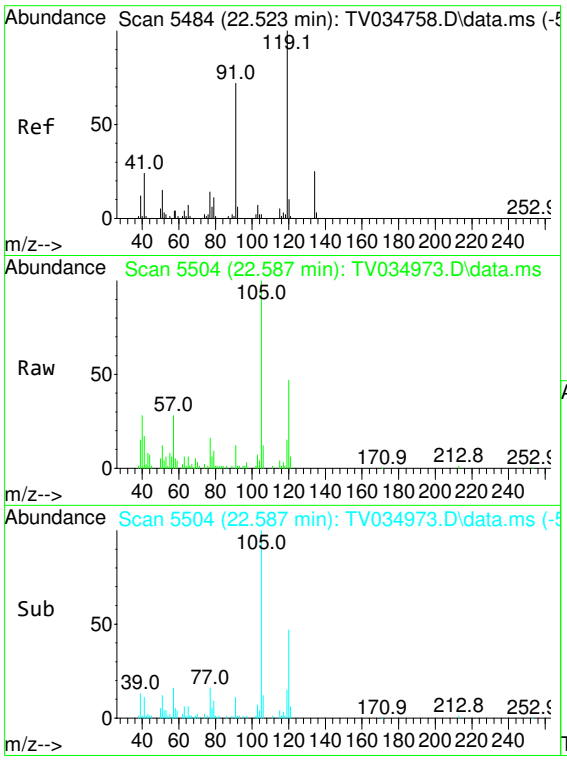


#67
4-Ethyltoluene
Concen: 0.13 ppbv m
RT: 21.632 min Scan# 5207
Delta R.T. -0.079 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:105 Resp: 17993

Ion	Ratio	Lower	Upper
105	100		
120	14.2	17.2	35.6#
77	6.2	7.6	15.8#
91	0.0	7.7	16.1#

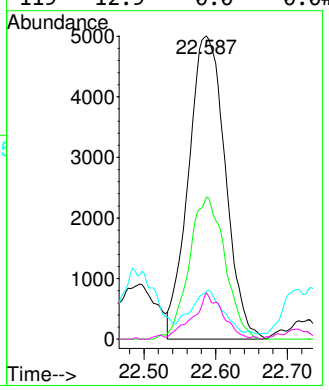




#70
1,2,4-Trimethylbenzene
Concen: 0.15 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034973.D
Acq: 31 Jan 2026 12:16 am

Tgt Ion:105 Resp: 17839

Ion	Ratio	Lower	Upper
105	100		
120	45.7	29.0	60.2
77	16.1	8.2	17.0
119	12.9	0.0	0.0#



Sample Information

Client Sample ID: SSV-2 20260122 **Sample ID: 26A1103-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:17 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	3.2		D	ug/m³	0.36	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.36	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	8.1	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	1.1	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	1.1	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	1.2	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.63	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.31	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	58	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
95-63-6	**1,2,4-Trimethylbenzene**	6.8		D	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	1.2	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.93	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.63	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.72	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	1.1	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
108-67-8	**1,3,5-Trimethylbenzene**	1.8		D	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
106-99-0	1,3-Butadiene	ND		U	ug/m³	1.0	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.93	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.72	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.93	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	2.8	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
78-93-3	2-Butanone	ND		J	ug/m³	23	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	1.3	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	2.4	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.64	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
67-64-1	**Acetone**	24		D	ug/m³	18	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	17	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
71-43-2	**Benzene**	1.2		D	ug/m³	0.50	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	20	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	1.0	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-25-2	Bromoform	ND		U	ug/m³	1.6	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.60	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.48	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Sample Information

Client Sample ID: SSV-2 20260122 **Sample ID: 26A1103-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:17 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.98		D	ug/m³	0.29	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.71	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.41	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
67-66-3	Chloroform	ND		U	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
74-87-3	Chloromethane	ND		U	ug/m³	0.32	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.31	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.70	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
110-82-7	**Cyclohexane**	1.1		D	ug/m³	0.53	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	1.3	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-71-8	**Dichlorodifluoromethane**	1.9		D	ug/m³	0.77	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	28	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
100-41-4	**Ethyl Benzene**	4.9		D	ug/m³	0.67	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	1.7	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
67-63-0	**Isopropanol**	2.6		D	ug/m³	2.3	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.64	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.56	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-09-2	Methylene chloride	ND		U	ug/m³	3.2	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
142-82-5	**n-Heptane**	2.0		D	ug/m³	0.64	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
110-54-3	**n-Hexane**	8.9		D	ug/m³	0.55	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
103-65-1	*** n-Propylbenzene**	1.2		D	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
95-47-6	**o-Xylene**	7.0		D	ug/m³	0.67	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
179601-23-1	**p- & m- Xylenes**	20	A-01	D	ug/m³	1.3	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
622-96-8	*** p-Ethyltoluene**	5.5		D	ug/m³	0.76	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
115-07-1	* Propylene	ND		U	ug/m³	0.27	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
100-42-5	Styrene	ND		U	ug/m³	0.66	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.85	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	1.1	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
109-99-9	*** Tetrahydrofuran**	1.6		D	ug/m³	0.92	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
108-88-3	**Toluene**	15		D	ug/m³	0.59	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.62	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.70	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Sample Information

Client Sample ID: SSV-2 20260122 **Sample ID: 26A1103-03**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:17 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.25	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	0.96		D	ug/m³	0.87	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.55	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.68	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.20	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR
1330-20-7	**Xylenes, Total**	27		D	ug/m³	2.0	1.553	EPA TO-15	1/30/26 11:46	1/31/26 01:01	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034974.D
Acq On : 31 Jan 2026 01:01 am
Operator : YR
Sample : 26A1103-03
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.553
InstName : TO15_AIR3

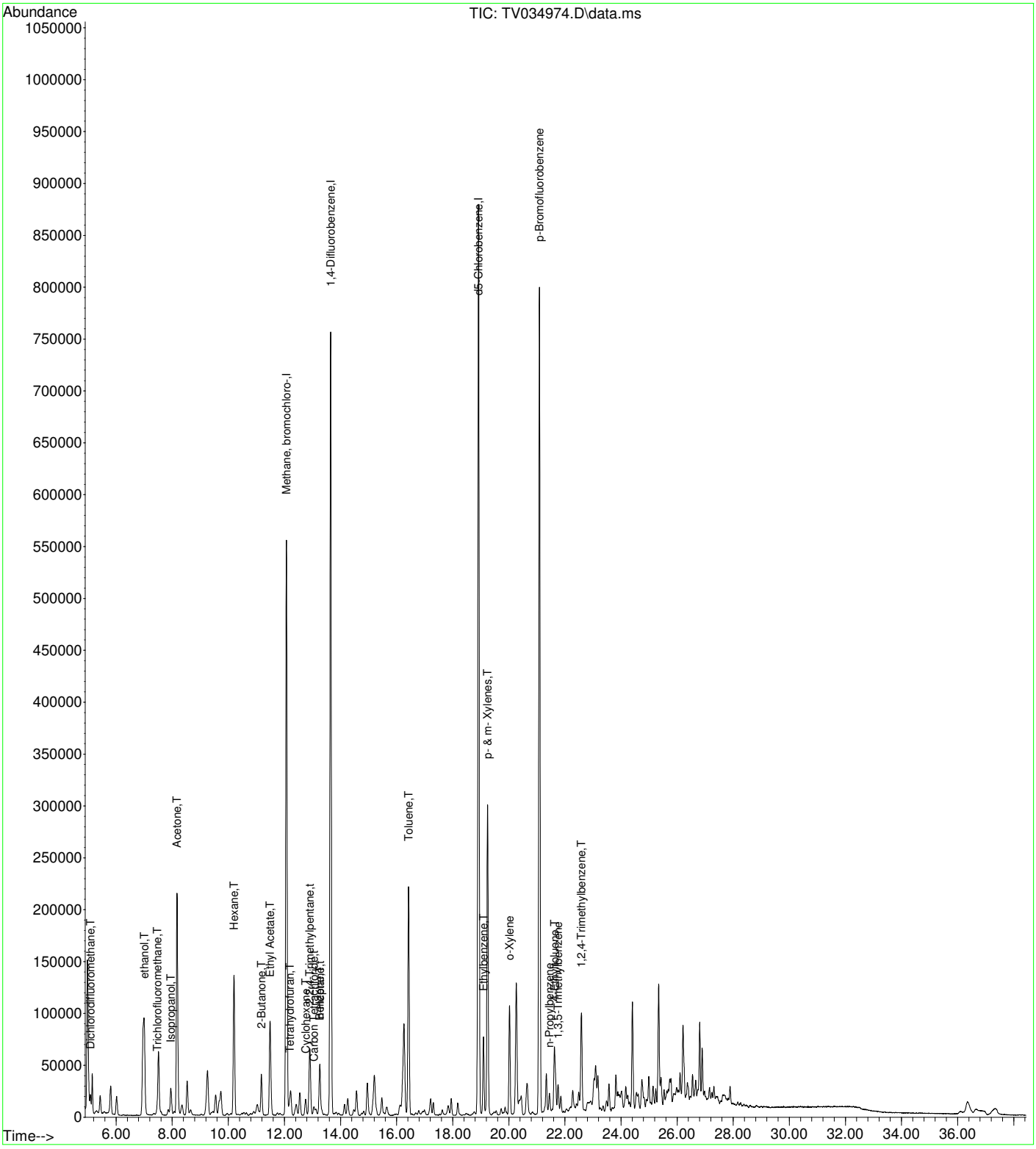
Quant Time: Jan 31 08:33:29 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

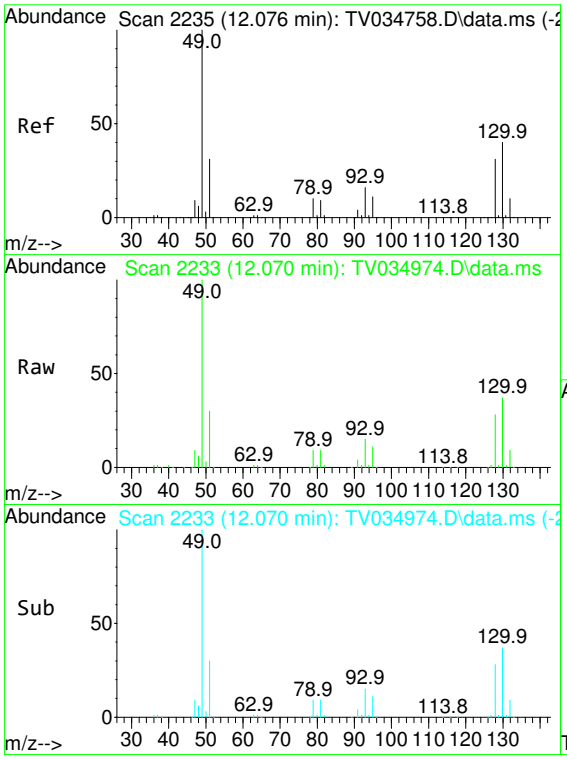
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	655221	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.649	114	911238	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.919	117	771565	10.00	ppbv		#-0.04
Target Compounds							Qvalue
3) Dichlorodifluoromethane	5.089	85	21079	0.25	ppbv	#	92
10) ethanol	7.006	45	151028	6.68	ppbv		88
12) Trichlorofluoromethane	7.469	101	9501	0.11	ppbv		96
13) Isopropanol	7.951	45	62629	0.69	ppbv		100
15) Acetone	8.170	43	468751	6.55	ppbv		94
24) Hexane	10.202	57	109914	1.62	ppbv		90
27) 2-Butanone	11.179	43	92732	0.94	ppbv	#	82
28) Ethyl Acetate	11.485	43	174010	1.53	ppbv	#	93
31) Tetrahydrofuran	12.189	42	21051	0.36	ppbv	#	59
33) Cyclohexane	12.755	56	14787	0.20	ppbv		78
34) 2,2,4-Trimethylpentane	12.899	57	95376	0.44	ppbv	#	80
35) Carbon Tetrachloride	13.054	117	8195	0.10	ppbv		99
37) Benzene	13.256	78	22933	0.25	ppbv	#	100
38) n-Heptane	13.266	43	28429	0.31	ppbv	#	95
47) Toluene	16.423	91	254700	2.54	ppbv		99
58) Ethylbenzene	19.095	91	93095	0.73	ppbv		100
59) p- & m- Xylenes	19.240	91	295178	2.97	ppbv		99
60) o-Xylene	20.025	91	106914	1.04	ppbv		99
63) n-Propylbenzene	21.446	91	27462	0.16	ppbv		100
66) p-Bromofluorobenzene	21.089	95	475937	8.40	ppbv		96
67) 4-Ethyltoluene	21.629	105	96645m	0.72	ppbv		
68) 1,3,5-Trimethylbenzene	21.754	105	26235	0.23	ppbv		95
70) 1,2,4-Trimethylbenzene	22.584	105	104234	0.89	ppbv	#	97

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034974.D
Acq On : 31 Jan 2026 01:01 am
Operator : YR
Sample : 26A1103-03
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.553
InstName : TO15_AIR3

Quant Time: Jan 31 08:33:29 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

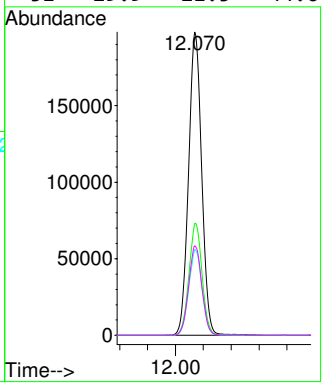


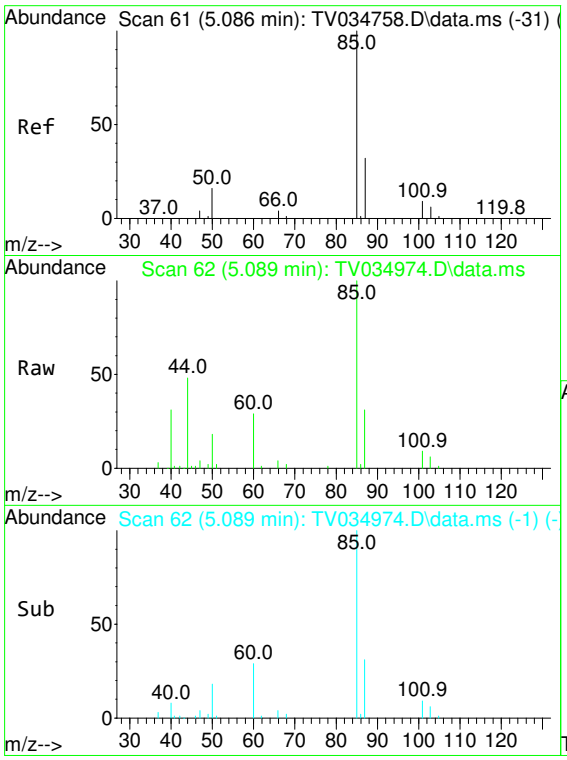


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 49 Resp: 655221

Ion	Ratio	Lower	Upper
49	100		
130	37.1	44.5	92.3#
128	28.5	34.7	72.1#
51	29.9	21.5	44.6

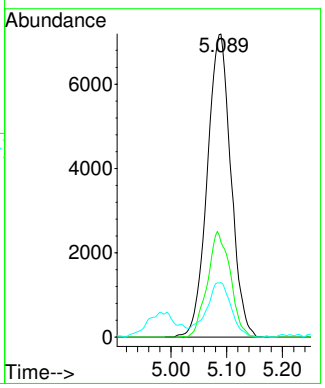


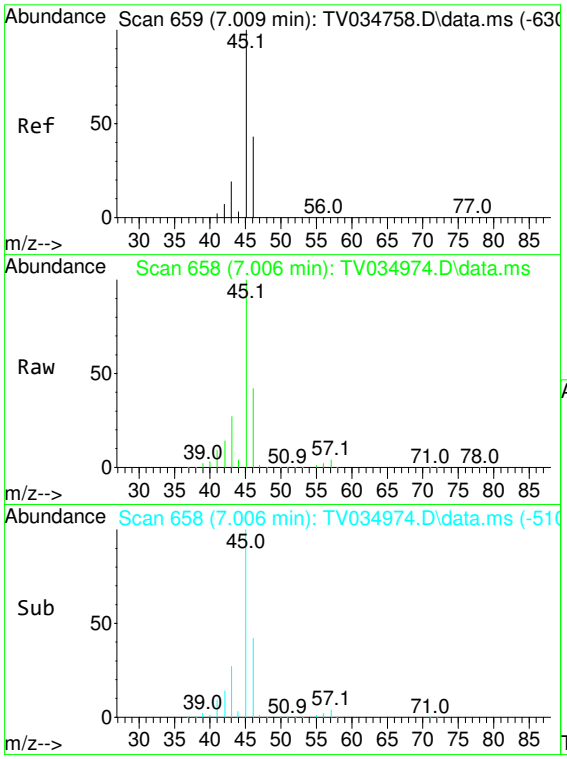


#3
Dichlorodifluoromethane
Concen: 0.25 ppbv
RT: 5.089 min Scan# 62
Delta R.T. -0.023 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 85 Resp: 21079

Ion	Ratio	Lower	Upper
85	100		
87	33.9	21.0	43.6
50	19.4	6.8	14.2#

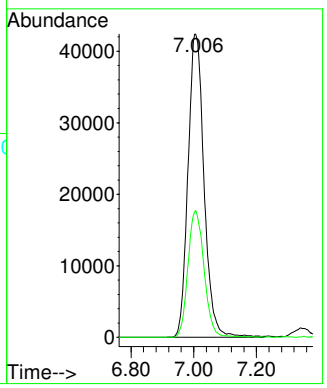


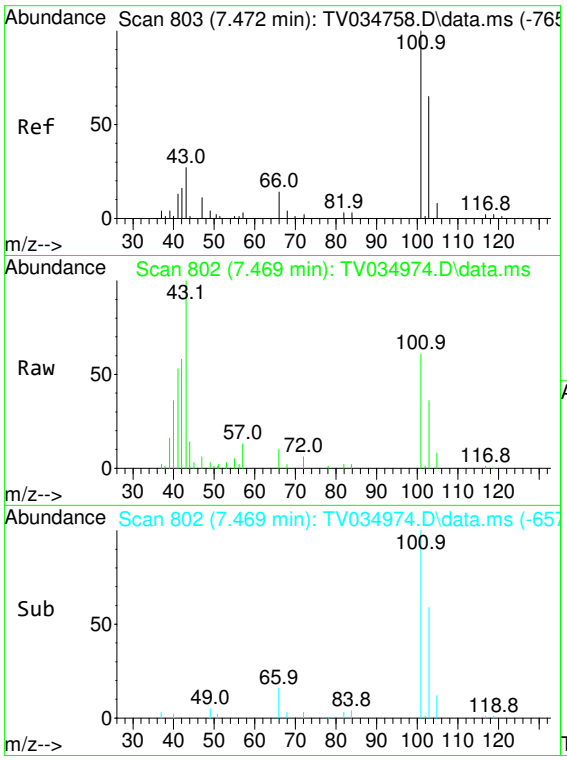


#10
ethanol
Concen: 6.68 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 45 Resp: 151028

Ion	Ratio	Lower	Upper
45	100		
46	41.8	40.0	60.0

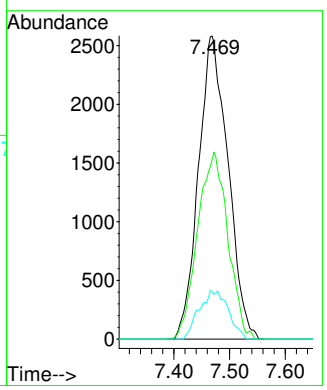


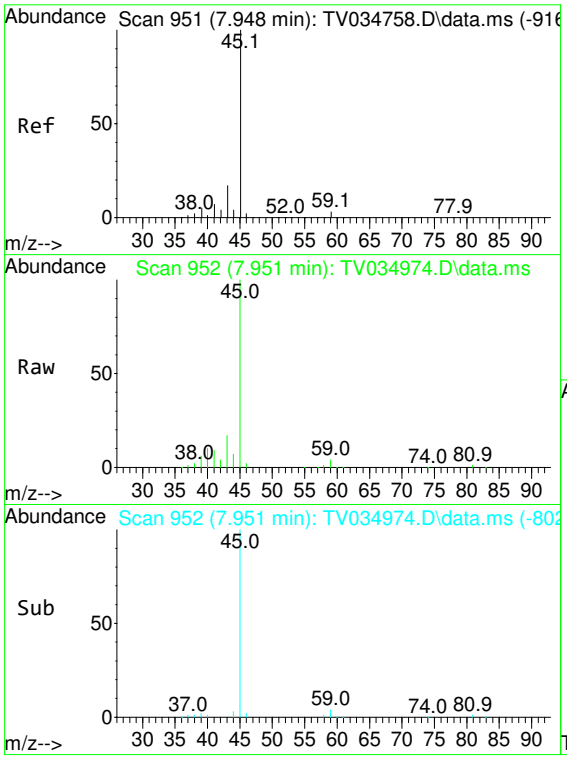


#12
Trichlorofluoromethane
Concen: 0.11 ppbv
RT: 7.469 min Scan# 802
Delta R.T. -0.033 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:101 Resp: 9501

Ion	Ratio	Lower	Upper
101	100		
103	63.2	42.4	88.0
66	15.9	7.9	16.5

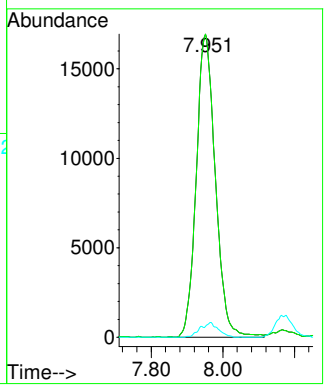


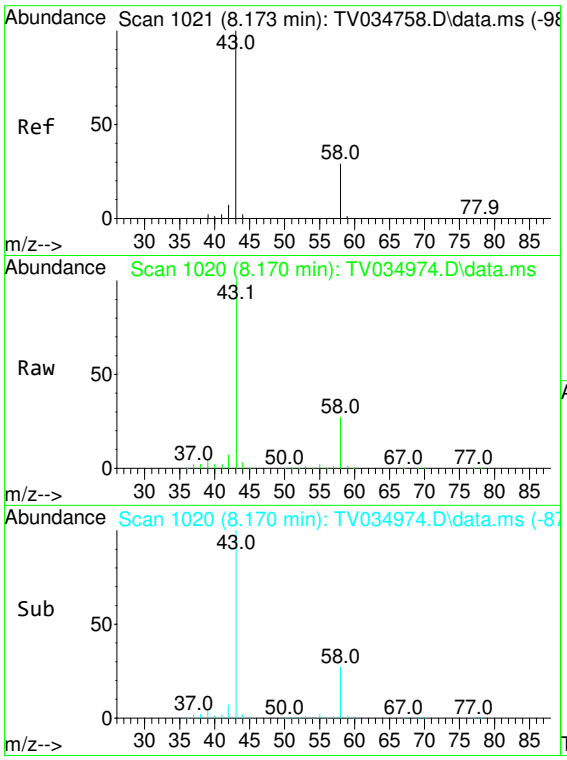


#13
Isopropanol
Concen: 0.69 ppbv
RT: 7.951 min Scan# 952
Delta R.T. -0.018 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 45 Resp: 62629

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.7	0.0	8.4

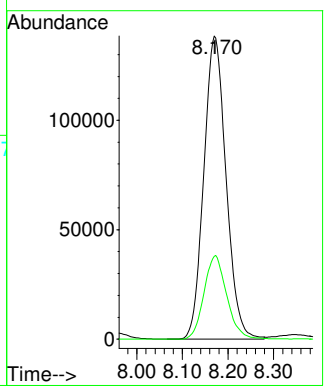


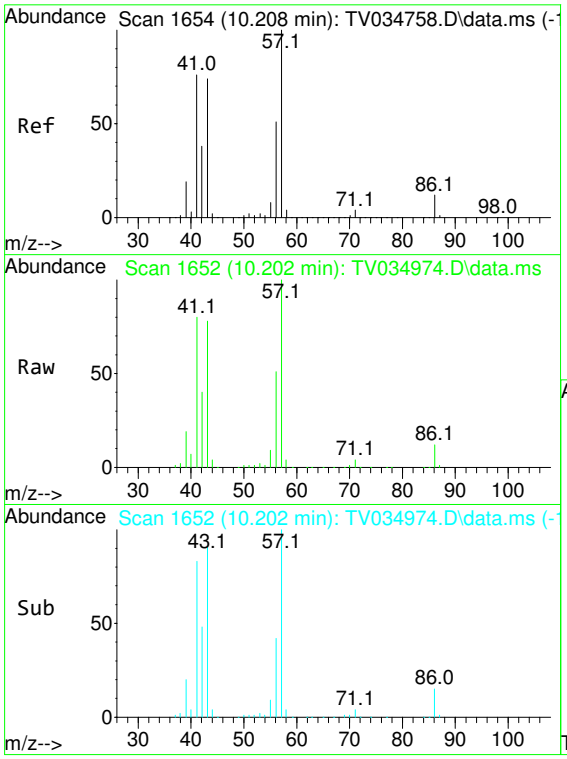


#15
Acetone
Concen: 6.55 ppbv
RT: 8.170 min Scan# 1020
Delta R.T. -0.031 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 43 Resp: 468751

Ion	Ratio	Lower	Upper
43	100		
58	28.4	20.7	42.9

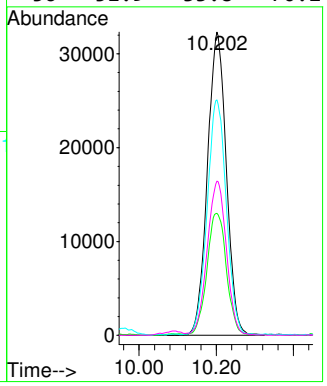


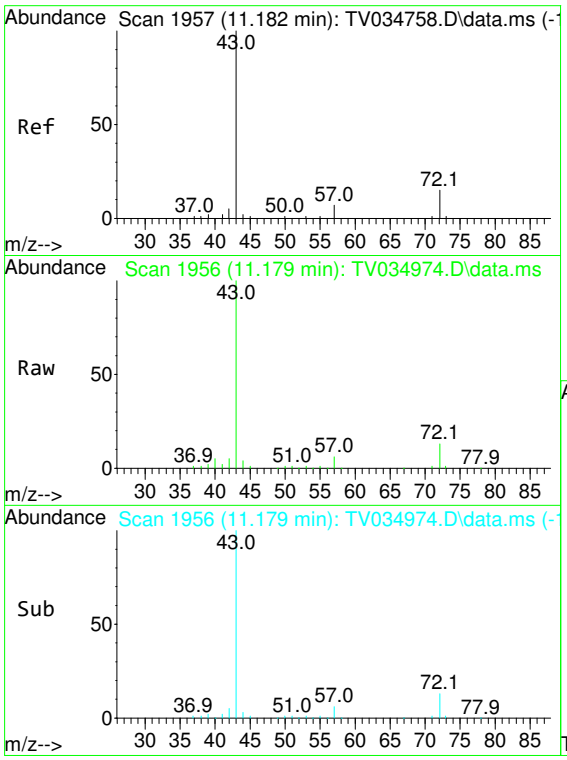


#24
Hexane
Concen: 1.62 ppbv
RT: 10.202 min Scan# 1652
Delta R.T. -0.032 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 57 Resp: 109914

Ion	Ratio	Lower	Upper
57	100		
42	41.6	22.2	46.0
43	78.3	42.9	89.1
56	51.9	33.8	70.2

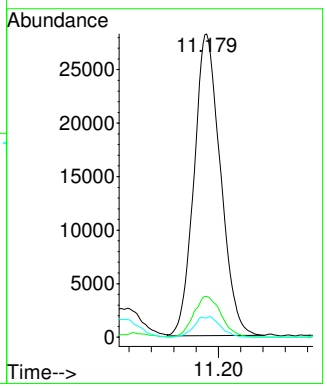


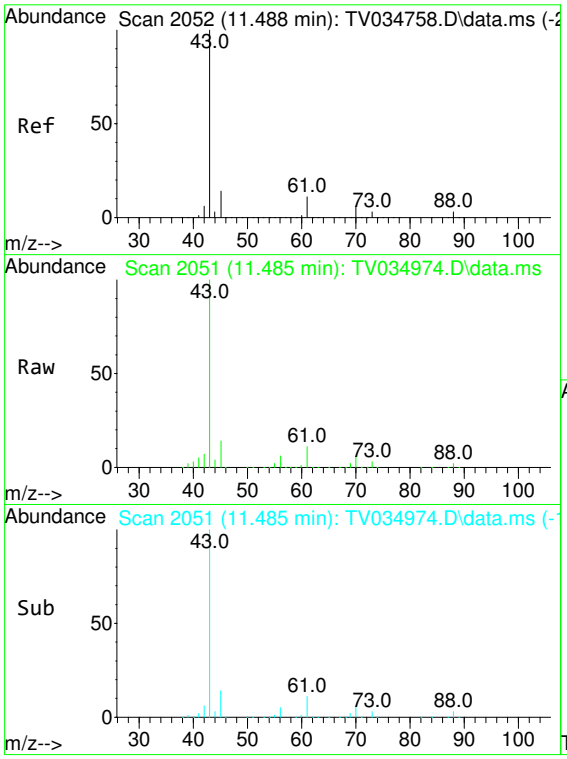


#27
2-Butanone
Concen: 0.94 ppbv
RT: 11.179 min Scan# 1956
Delta R.T. -0.033 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 43 Resp: 92732

Ion	Ratio	Lower	Upper
43	100		
72	14.1	16.4	34.2#
57	6.8	5.0	10.4

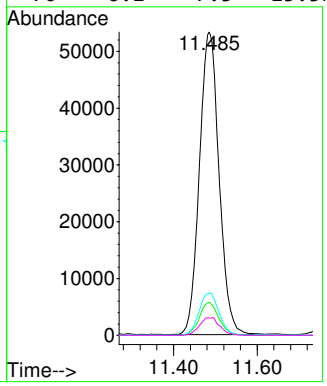


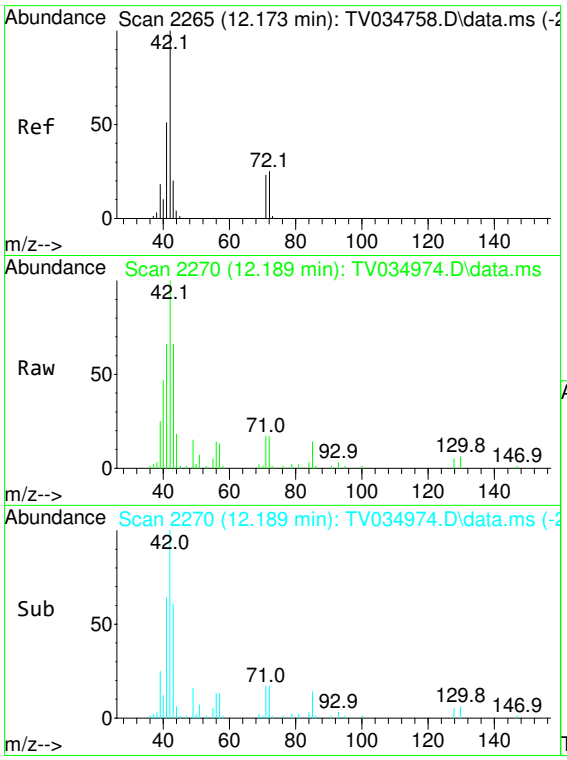


#28
Ethyl Acetate
Concen: 1.53 ppbv
RT: 11.485 min Scan# 2051
Delta R.T. -0.034 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 43 Resp: 174010

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.2	19.2
45	14.3	9.4	19.6
70	6.1	7.5	15.5#

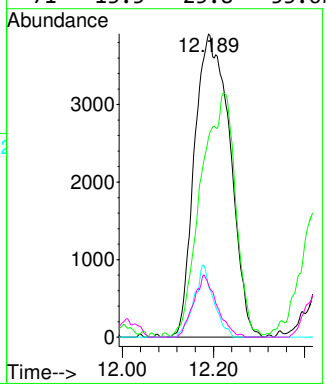


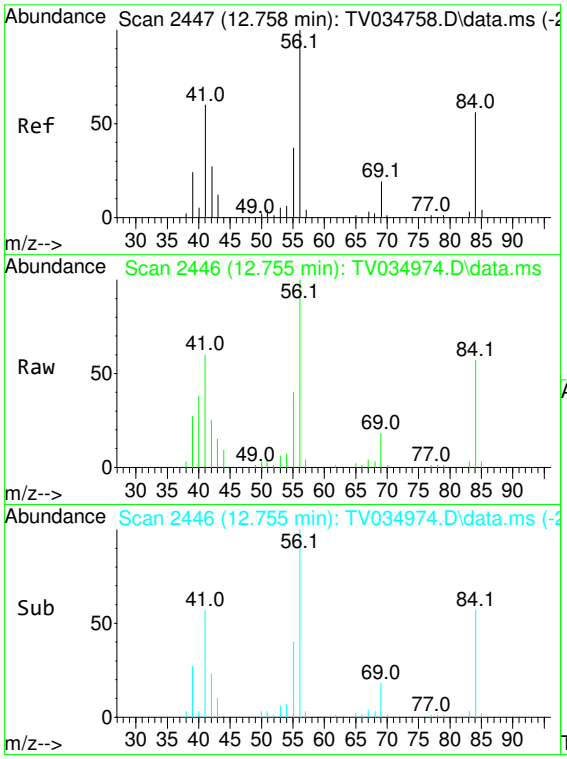


#31
Tetrahydrofuran
Concen: 0.36 ppbv
RT: 12.189 min Scan# 2270
Delta R.T. -0.013 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 42 Resp: 21051

Ion	Ratio	Lower	Upper
42	100		
41	78.9	34.5	71.7#
72	13.1	27.4	56.8#
71	13.5	25.8	53.6#

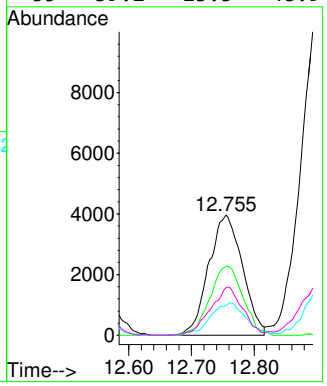


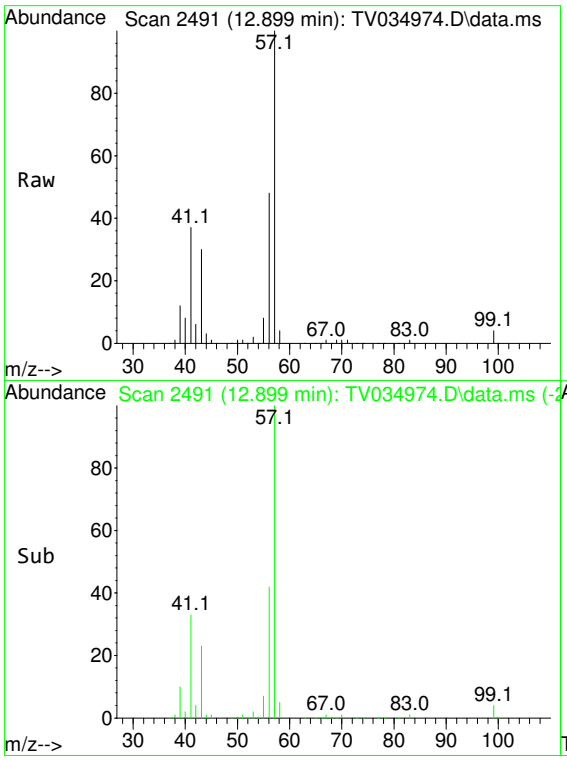


#33
Cyclohexane
Concen: 0.20 ppbv
RT: 12.755 min Scan# 2446
Delta R.T. -0.039 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 56 Resp: 14787

Ion	Ratio	Lower	Upper
56	100		
84	56.4	56.4	117.0
42	28.5	15.3	31.7
55	39.2	23.5	48.9

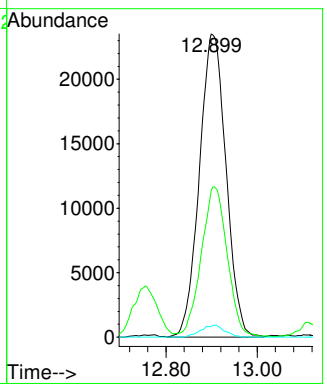


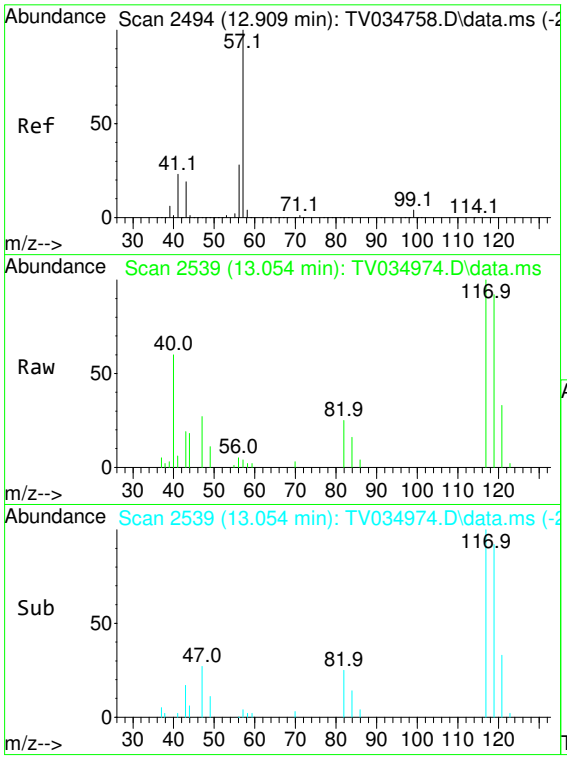


#34
2,2,4-Trimethylpentane
Concen: 0.44 ppbv
RT: 12.899 min Scan# 2491
Delta R.T. -0.039 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 57 Resp: 95376

Ion	Ratio	Lower	Upper
57	100		
56	48.2	24.5	45.5#
99	3.6	3.5	6.5

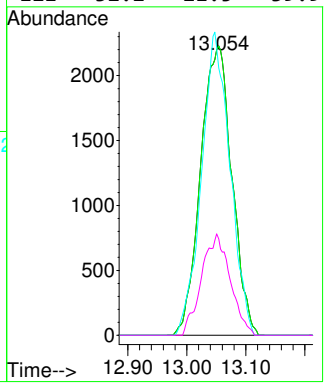


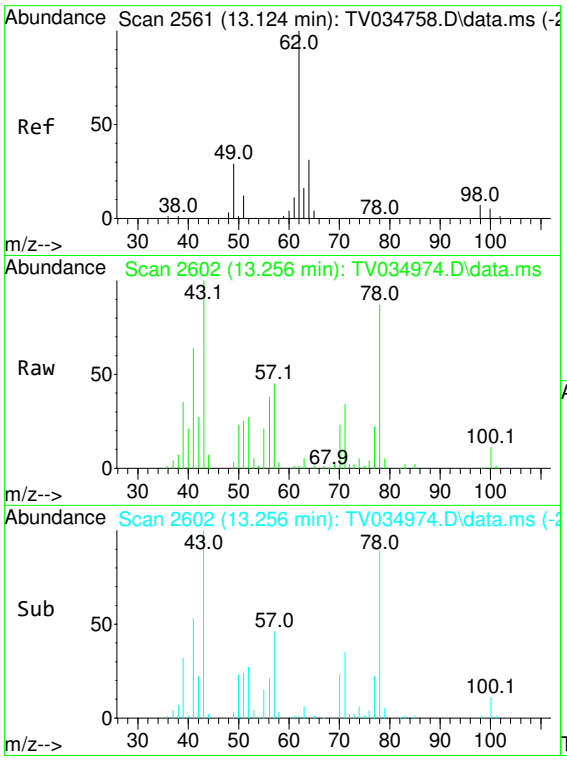


#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 13.054 min Scan# 2539
Delta R.T. -0.034 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:117 Resp: 8195

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	95.0	76.5	114.7
121	32.2	21.5	39.9

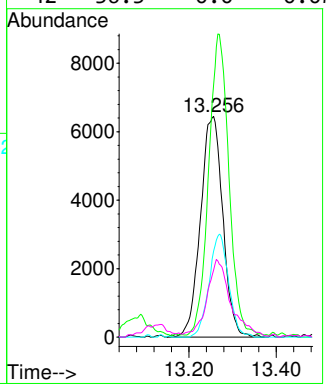


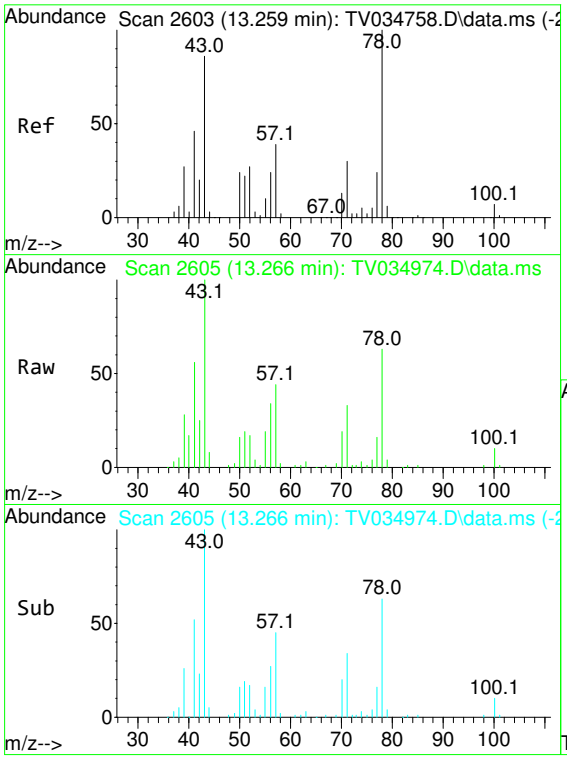


#37
Benzene
Concen: 0.25 ppbv
RT: 13.256 min Scan# 2602
Delta R.T. -0.038 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 78 Resp: 22933

Ion	Ratio	Lower	Upper
78	100		
43	124.0	0.0	0.0#
71	40.6	0.0	0.0#
42	36.3	0.0	0.0#

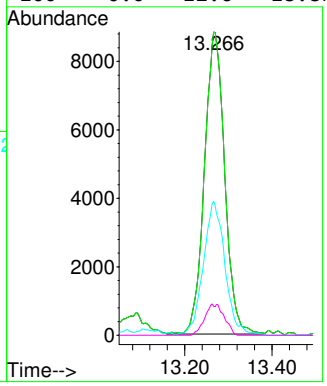


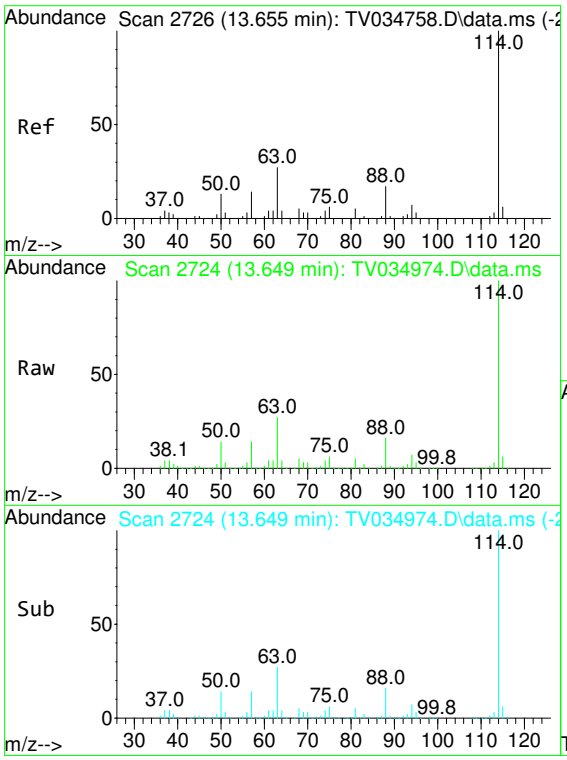


#38
n-Heptane
Concen: 0.31 ppbv
RT: 13.266 min Scan# 2605
Delta R.T. -0.038 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 43 Resp: 28429

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	47.4	39.8	59.8
100	0.0	12.6	18.8#

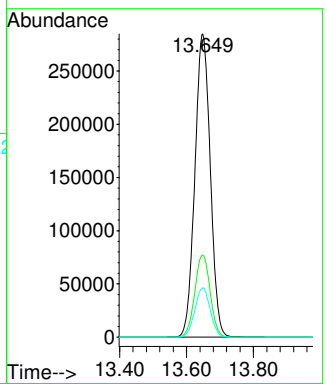


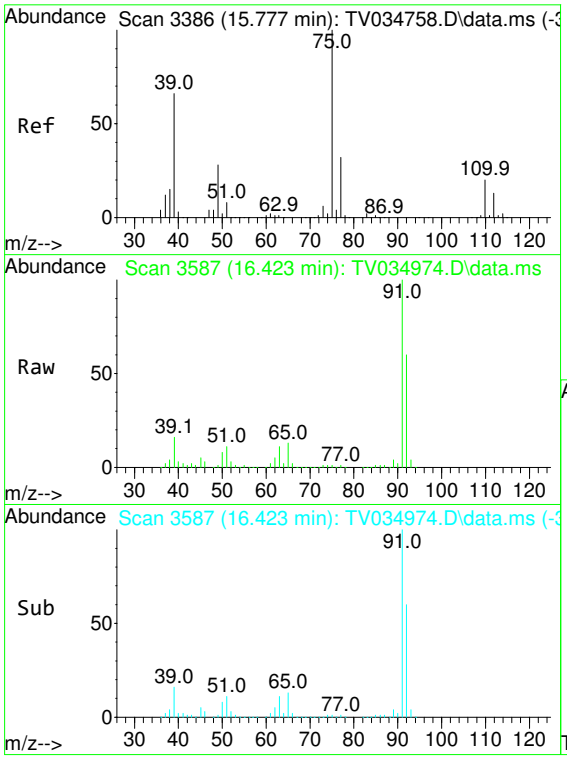


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.649 min Scan# 2724
Delta R.T. -0.040 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:114 Resp: 911238

Ion	Ratio	Lower	Upper
114	100		
63	27.1	14.0	29.2
88	16.3	11.2	23.2

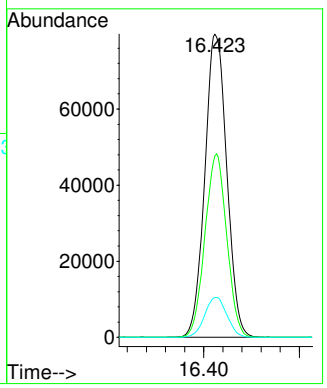


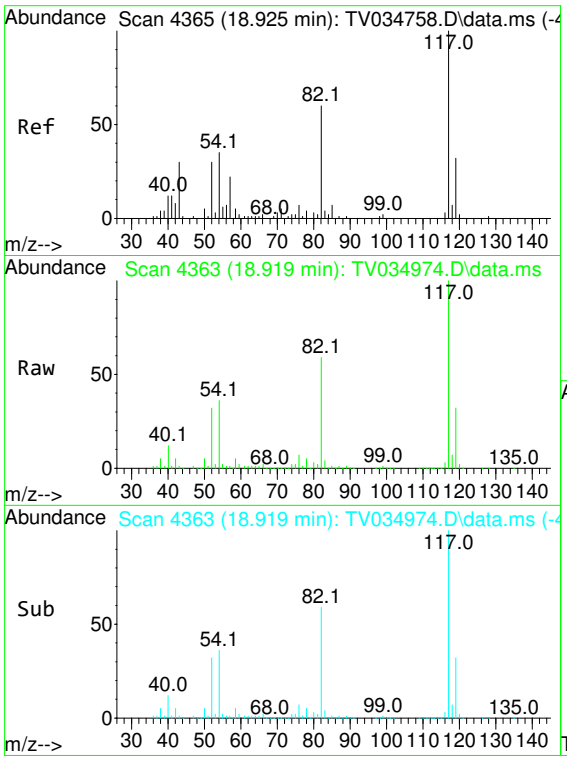


#47
Toluene
Concen: 2.54 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 91 Resp: 254700

Ion	Ratio	Lower	Upper
91	100		
92	59.9	39.0	81.0
65	13.4	7.7	16.1

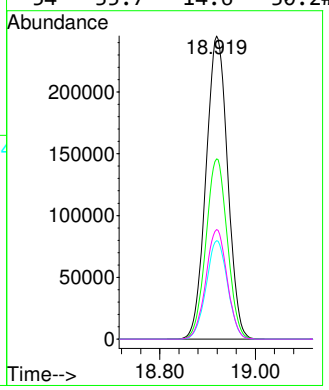


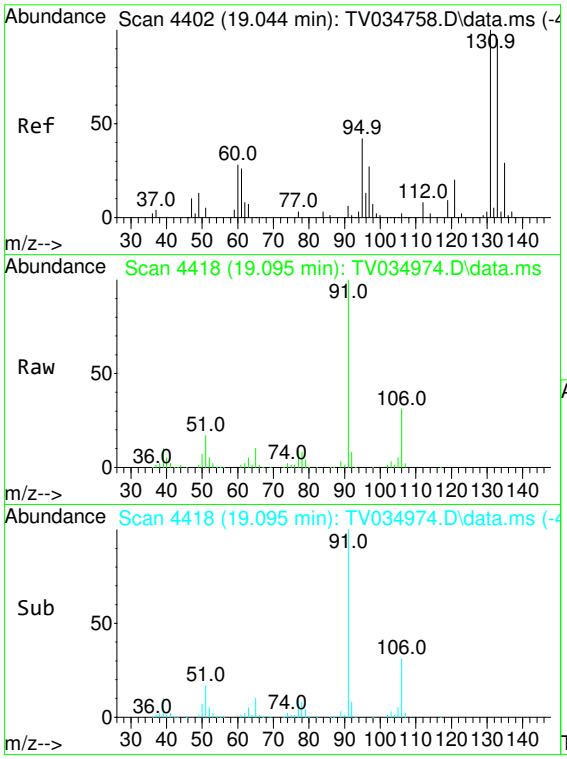


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.919 min Scan# 4363
Delta R.T. -0.043 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:117 Resp: 771565

Ion	Ratio	Lower	Upper
117	100		
82	59.0	38.7	80.5
119	32.2	20.3	42.3
54	35.7	14.6	30.2#

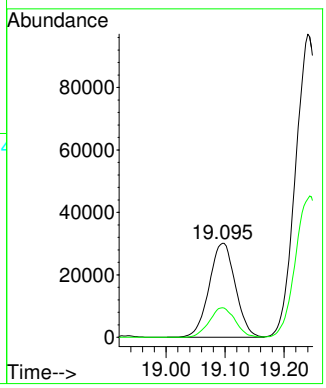


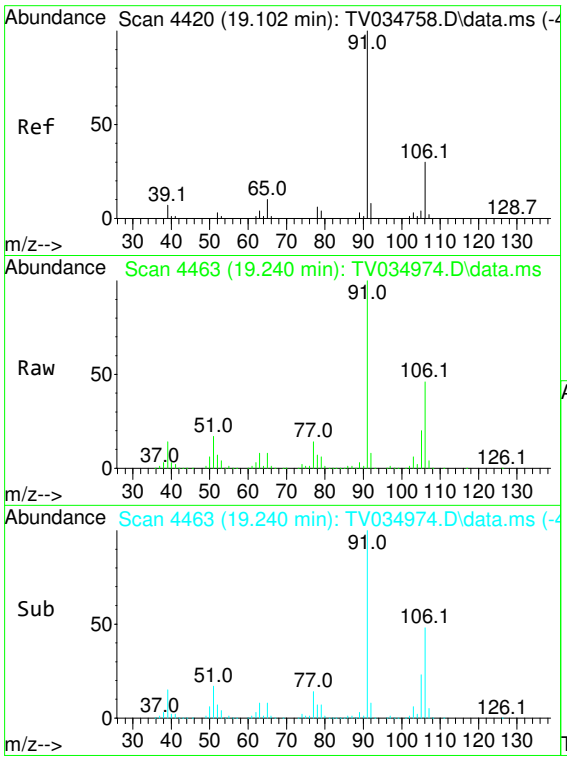


#58
Ethylbenzene
Concen: 0.73 ppbv
RT: 19.095 min Scan# 4418
Delta R.T. -0.040 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 91 Resp: 93095

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.3	42.3

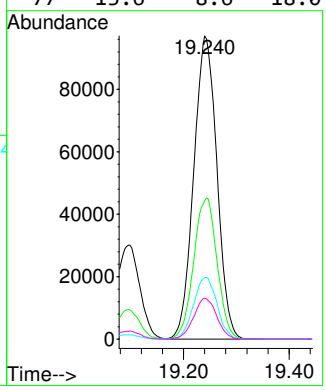


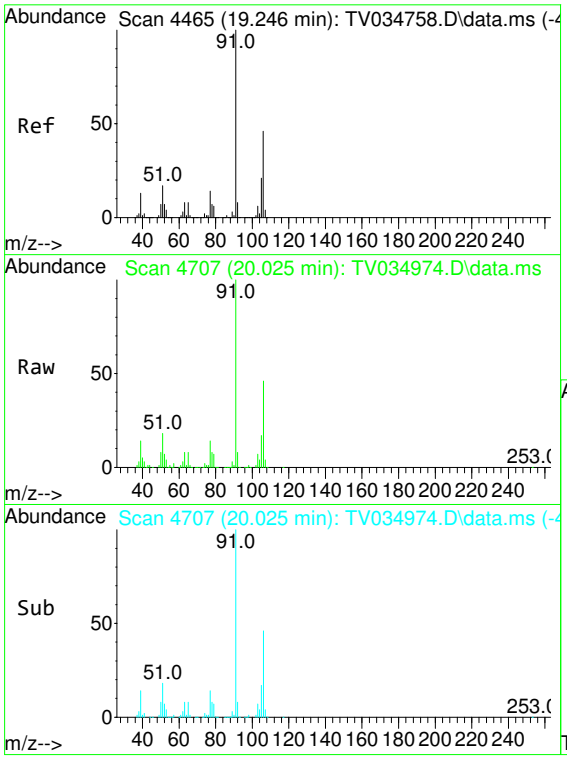


#59
p- & m- Xylenes
Concen: 2.97 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 91 Resp: 295178

Ion	Ratio	Lower	Upper
91	100		
106	47.2	31.0	64.4
105	20.7	13.4	27.8
77	13.6	8.6	18.0

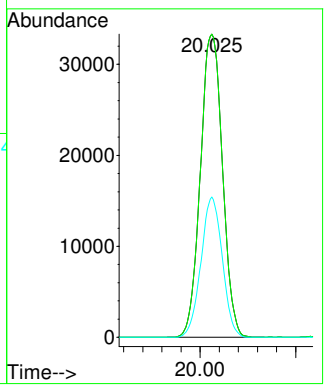


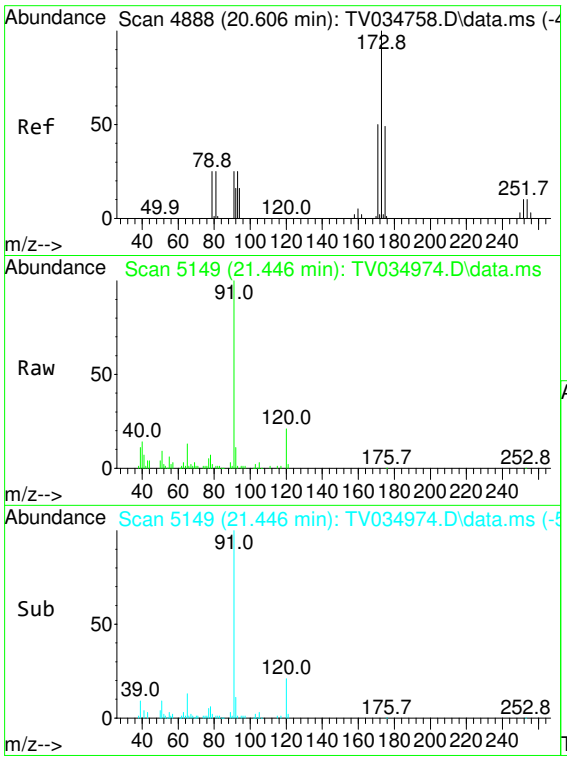


#60
o-Xylene
Concen: 1.04 ppbv
RT: 20.025 min Scan# 4707
Delta R.T. -0.041 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 91 Resp: 106914

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.7	36.9	55.3

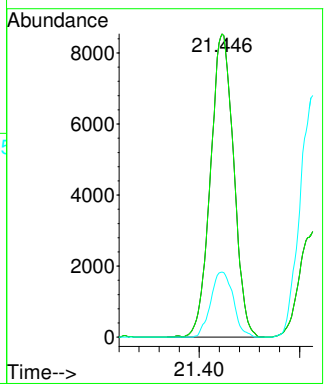


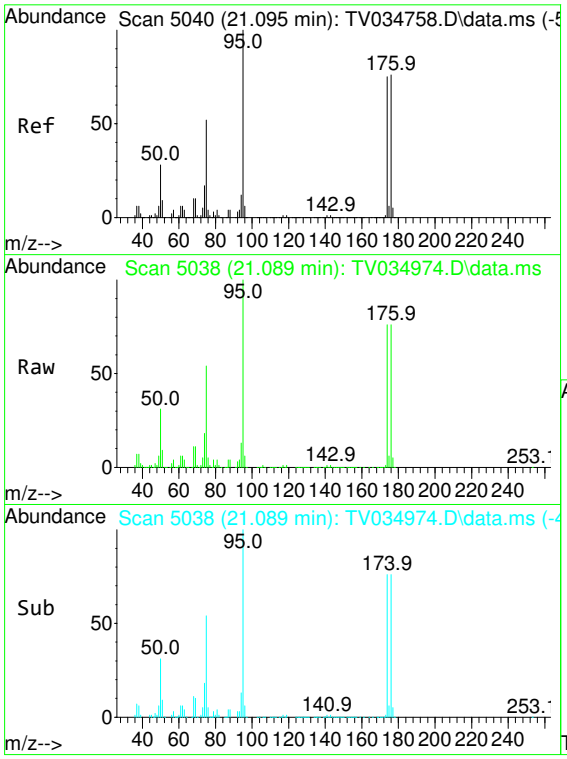


#63
n-Propylbenzene
Concen: 0.16 ppbv
RT: 21.446 min Scan# 5149
Delta R.T. -0.042 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 91 Resp: 27462

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	20.8	11.0	33.0

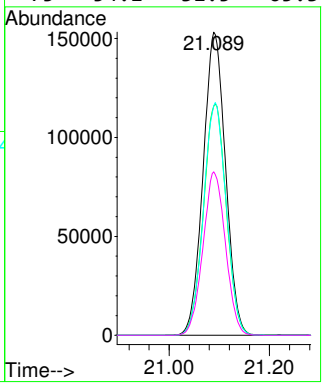


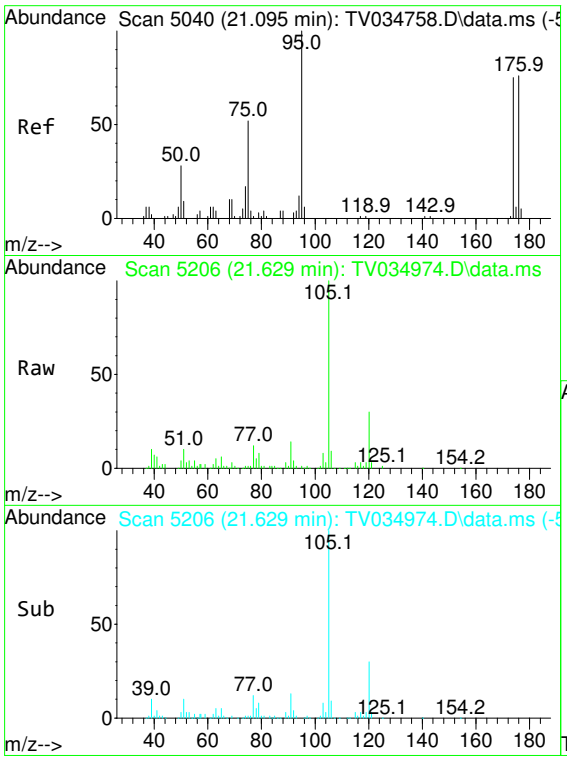


#66
p-Bromofluorobenzene
Concen: 8.40 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion: 95 Resp: 475937

Ion	Ratio	Lower	Upper
95	100		
174	77.8	50.0	103.8
176	77.8	48.2	100.2
75	54.1	31.5	65.3

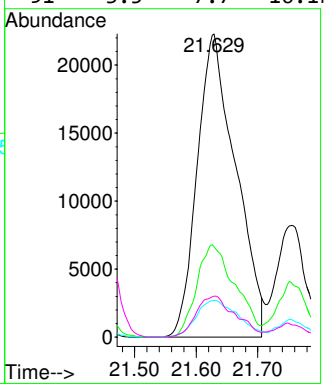


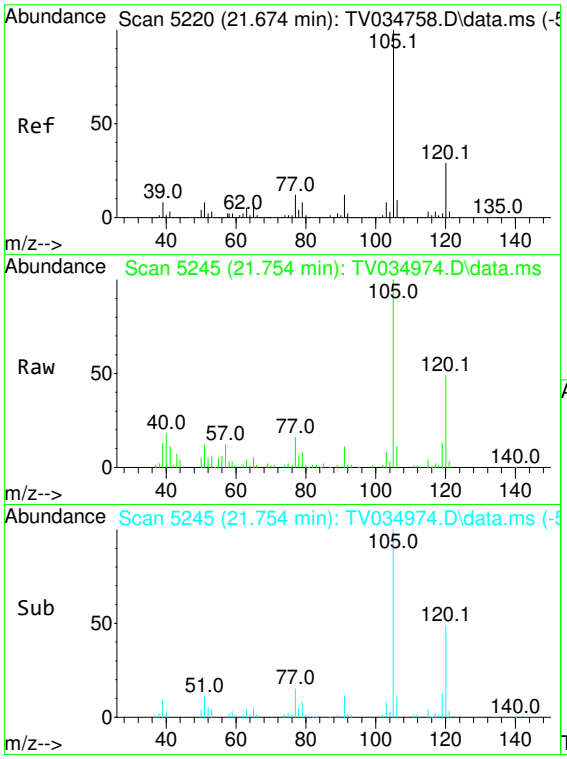


#67
4-Ethyltoluene
Concen: 0.72 ppbv m
RT: 21.629 min Scan# 5206
Delta R.T. -0.082 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:105 Resp: 96645

Ion	Ratio	Lower	Upper
105	100		
120	13.9	17.2	35.6#
77	4.3	7.6	15.8#
91	3.5	7.7	16.1#

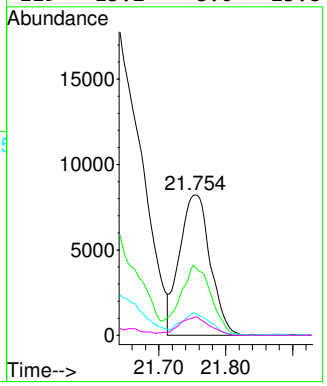


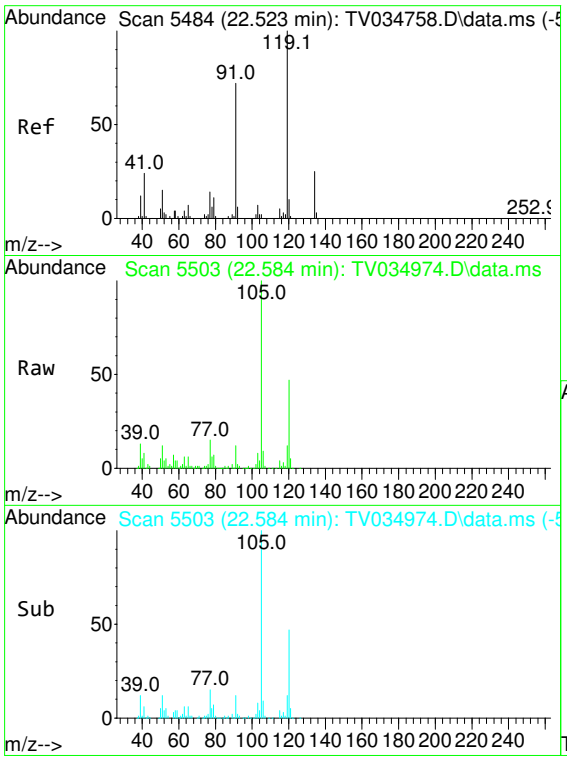


#68
1,3,5-Trimethylbenzene
Concen: 0.23 ppbv
RT: 21.754 min Scan# 5245
Delta R.T. -0.045 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:105 Resp: 26235

Ion	Ratio	Lower	Upper
105	100		
120	51.3	43.4	65.2
77	15.7	10.8	16.2
119	13.2	8.0	23.8

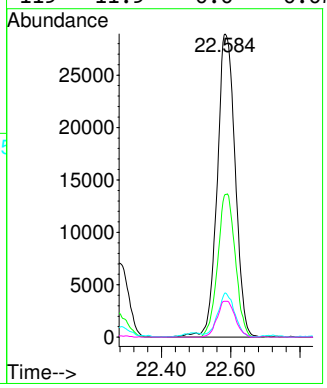




#70
1,2,4-Trimethylbenzene
Concen: 0.89 ppbv
RT: 22.584 min Scan# 5503
Delta R.T. -0.052 min
Lab File: TV034974.D
Acq: 31 Jan 2026 01:01 am

Tgt Ion:105 Resp: 104234

Ion	Ratio	Lower	Upper
105	100		
120	46.2	29.0	60.2
77	13.8	8.2	17.0
119	11.9	0.0	0.0#



Sample Information

Client Sample ID: **AI-2 20260122** **Sample ID:** **26A1103-04**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:09 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	3.2		D	ug/m³	0.19	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.18	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	4.2	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.55	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.55	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	0.62	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.33	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.16	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	30	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.91		D	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	0.62	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.48	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.33	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.37	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.56	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
106-99-0	1,3-Butadiene	ND		J	ug/m³	0.53	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.48	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.37	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.48	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	1.5	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
78-93-3	2-Butanone	ND		J	ug/m³	12	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	0.66	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	1.3	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
108-10-1	**4-Methyl-2-pentanone**	1.7		D	ug/m³	0.33	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
67-64-1	**Acetone**	51		D	ug/m³	9.6	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	8.7	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
71-43-2	**Benzene**	1.4		D	ug/m³	0.26	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	10	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.54	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-25-2	Bromoform	ND		U	ug/m³	0.83	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.31	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.25	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Sample Information

Client Sample ID: **AI-2 20260122** **Sample ID:** **26A1103-04**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:09 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	1.1		D	ug/m³	0.15	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.37	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.21	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
67-66-3	Chloroform	ND		U	ug/m³	0.39	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
74-87-3	**Chloromethane**	1.2		D	ug/m³	0.17	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.16	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.37	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
110-82-7	**Cyclohexane**	0.86		D	ug/m³	0.28	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	0.69	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-71-8	**Dichlorodifluoromethane**	1.6		D	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	15	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
100-41-4	**Ethyl Benzene**	1.2		D	ug/m³	0.35	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	0.86	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
67-63-0	**Isopropanol**	18		D	ug/m³	1.2	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.33	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.29	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-09-2	Methylene chloride	ND		J	ug/m³	1.7	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
142-82-5	**n-Heptane**	4.6		D	ug/m³	0.33	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
110-54-3	**n-Hexane**	9.0		D	ug/m³	0.28	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
103-65-1	* n-Propylbenzene	ND		U	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
95-47-6	**o-Xylene**	1.4		D	ug/m³	0.35	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
179601-23-1	**p- & m- Xylenes**	3.8	A-01	D	ug/m³	0.70	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
622-96-8	*** p-Ethyltoluene**	0.79		D	ug/m³	0.40	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
115-07-1	*** Propylene**	1.4		D	ug/m³	0.14	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
100-42-5	**Styrene**	0.79		D	ug/m³	0.34	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.44	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	0.55	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
109-99-9	* Tetrahydrofuran	ND		U	ug/m³	0.48	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
108-88-3	**Toluene**	7.9		D	ug/m³	0.30	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.32	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.37	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Sample Information

Client Sample ID: AI-2 20260122 **Sample ID: 26A1103-04**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:09 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.13	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.45	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.28	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.35	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.10	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR
1330-20-7	**Xylenes, Total**	5.2		D	ug/m³	1.0	0.806	EPA TO-15	1/30/26 11:46	1/31/26 01:47	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034975.D
Acq On : 31 Jan 2026 01:47 am
Operator : YR
Sample : 26A1103-04
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.806
InstName : TO15_AIR3

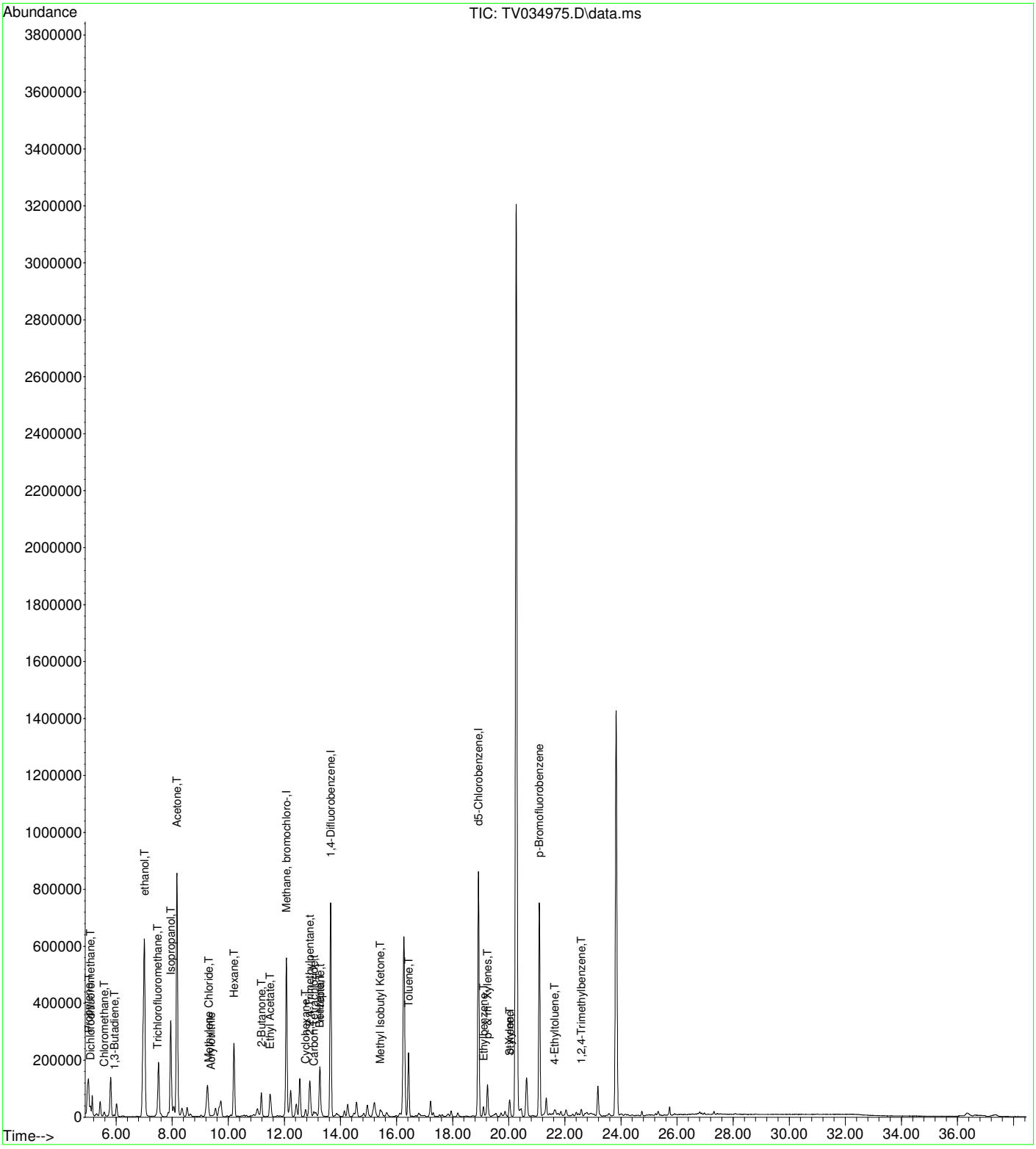
Quant Time: Jan 31 08:33:37 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

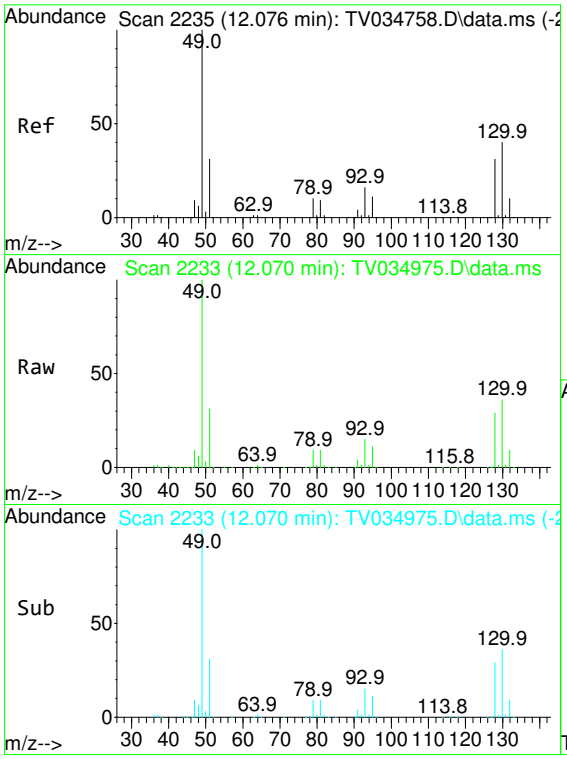
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	651563	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.648	114	904391	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.918	117	763032	10.00	ppbv	#-0.04
Target Compounds						Qvalue
2) Propylene	5.012	42	26385	0.99	ppbv	# 38
3) Dichlorodifluoromethane	5.086	85	34720	0.41	ppbv	# 93
5) Chloromethane	5.575	50	29561	0.73	ppbv	# 86
7) 1,3-Butadiene	5.935	54	3458	0.10	ppbv	96
10) ethanol	7.009	45	1173514	52.19	ppbv	88
12) Trichlorofluoromethane	7.478	101	19514	0.23	ppbv	96
13) Isopropanol	7.948	45	812813	9.03	ppbv	100
15) Acetone	8.166	43	1909585	26.84	ppbv	94
19) Methylene Chloride	9.305	49	11256	0.20	ppbv	# 65
20) Acrylonitrile	9.382	53	4016	0.10	ppbv	# 100
24) Hexane	10.202	57	214531	3.18	ppbv	91
27) 2-Butanone	11.179	43	195082	1.98	ppbv	# 82
28) Ethyl Acetate	11.485	43	129498	1.15	ppbv	# 92
33) Cyclohexane	12.755	56	22331	0.31	ppbv	# 77
34) 2,2,4-Trimethylpentane	12.903	57	179118	0.84	ppbv	# 82
35) Carbon Tetrachloride	13.054	117	16563	0.21	ppbv	# 58
37) Benzene	13.253	78	48356	0.54	ppbv	# 100
38) n-Heptane	13.269	43	125896	1.40	ppbv	# 95
45) Methyl Isobutyl Ketone	15.420	43	50617	0.50	ppbv	# 78
47) Toluene	16.423	91	257646	2.59	ppbv	98
58) Ethylbenzene	19.098	91	42557	0.34	ppbv	98
59) p- & m- Xylenes	19.240	91	105555	1.08	ppbv	99
60) o-Xylene	20.024	91	41377	0.41	ppbv	99
61) Styrene	20.041	104	16245	0.23	ppbv	# 74
66) p-Bromofluorobenzene	21.089	95	457697	8.17	ppbv	96
67) 4-Ethyltoluene	21.629	105	26677m	0.20	ppbv	
70) 1,2,4-Trimethylbenzene	22.587	105	26459	0.23	ppbv	# 98

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034975.D
Acq On : 31 Jan 2026 01:47 am
Operator : YR
Sample : 26A1103-04
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.806
InstName : TO15_AIR3

Quant Time: Jan 31 08:33:37 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

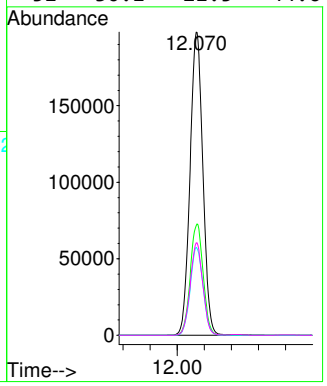


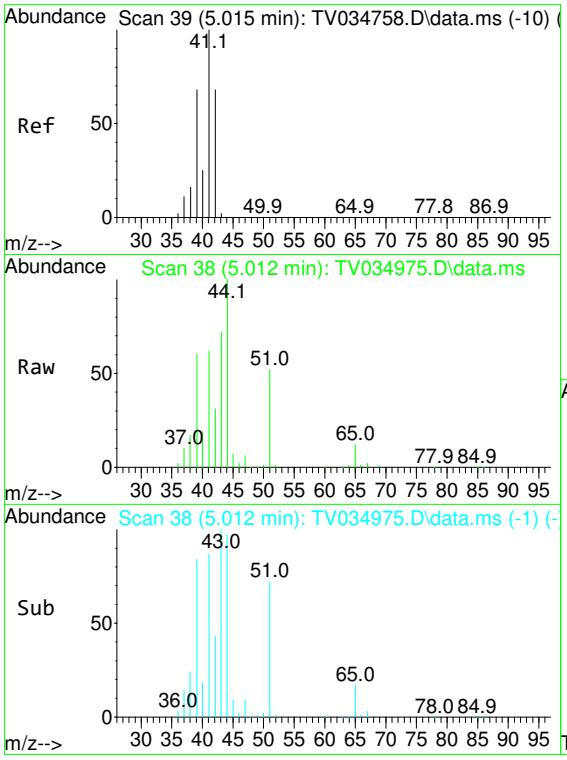


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 49 Resp: 651563

Ion	Ratio	Lower	Upper
49	100		
130	36.9	44.5	92.3#
128	28.9	34.7	72.1#
51	30.1	21.5	44.6

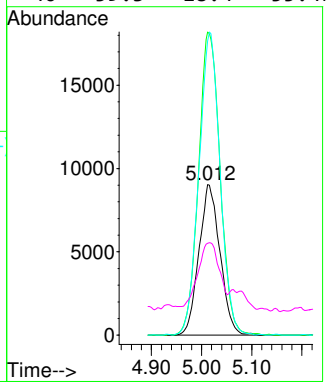


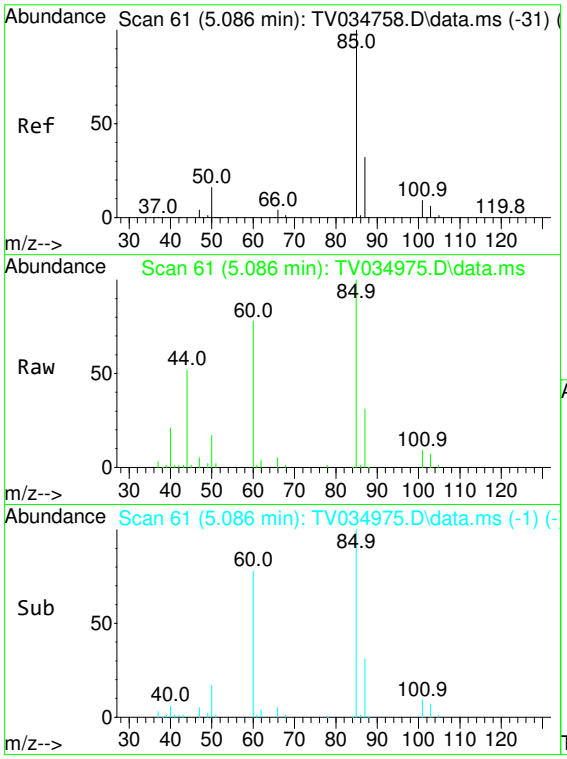


#2
Propylene
Concen: 0.99 ppbv
RT: 5.012 min Scan# 38
Delta R.T. -0.029 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 42 Resp: 26385

Ion	Ratio	Lower	Upper
42	100		
41	205.7	88.9	207.5
39	201.9	52.2	156.6#
40	59.3	18.4	55.4#

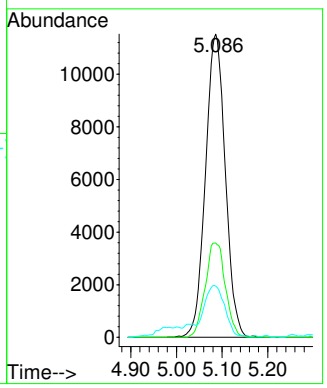


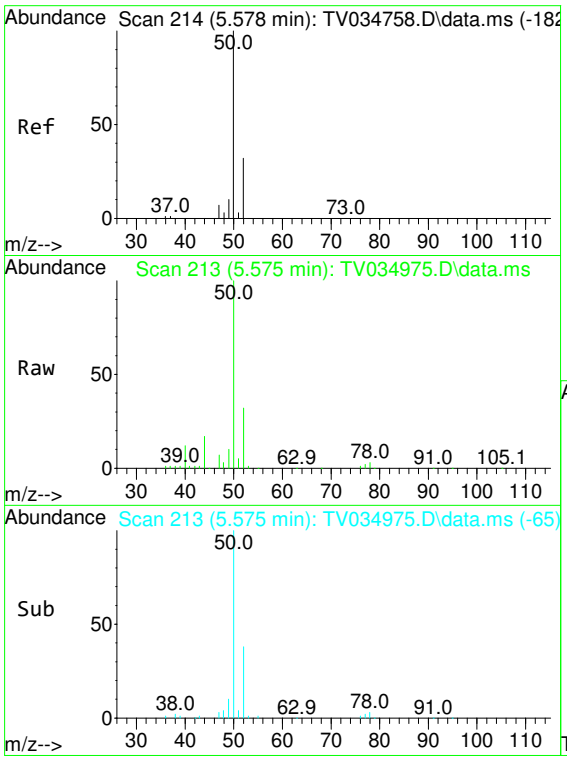


#3
Dichlorodifluoromethane
Concen: 0.41 ppbv
RT: 5.086 min Scan# 61
Delta R.T. -0.026 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 85 Resp: 34720

Ion	Ratio	Lower	Upper
85	100		
87	31.7	21.0	43.6
50	20.0	6.8	14.2#

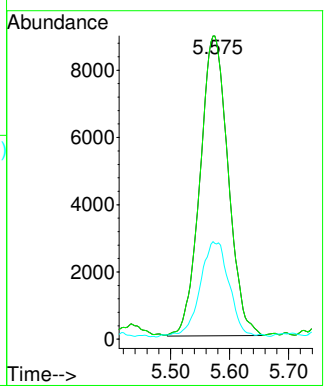


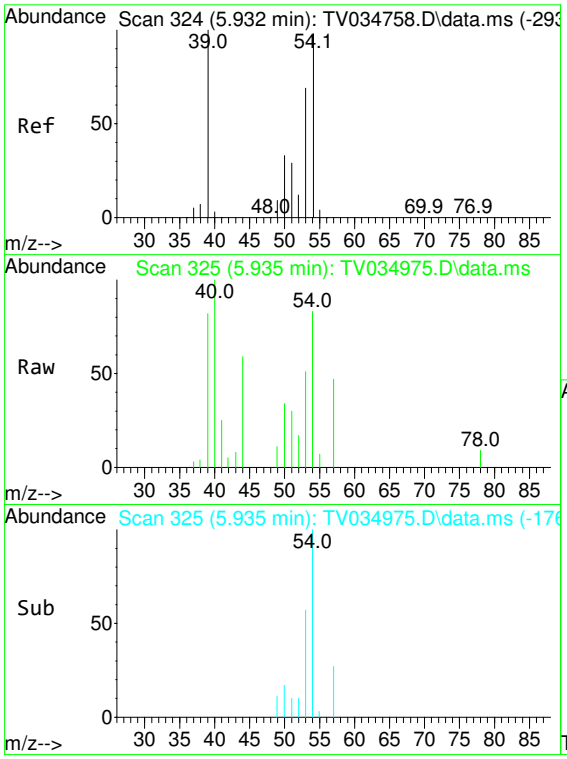


#5
Chloromethane
Concen: 0.73 ppbv
RT: 5.575 min Scan# 213
Delta R.T. -0.024 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 50 Resp: 29561

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	0.0	16.5	49.5#

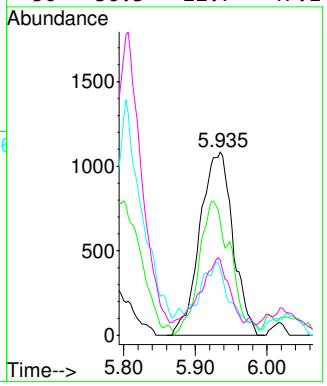


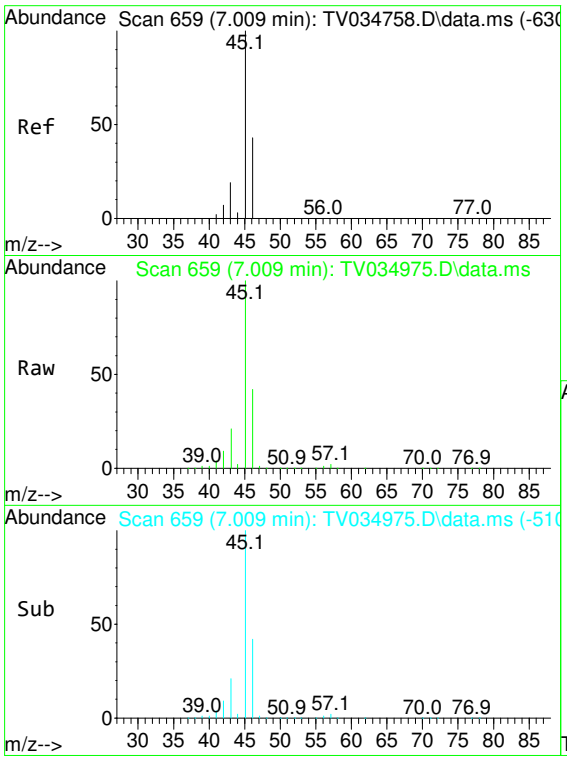


#7
1,3-Butadiene
Concen: 0.10 ppbv
RT: 5.935 min Scan# 325
Delta R.T. -0.021 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 54 Resp: 3458

Ion	Ratio	Lower	Upper
54	100		
53	69.8	43.4	90.2
51	34.4	19.9	41.3
50	36.3	22.7	47.1

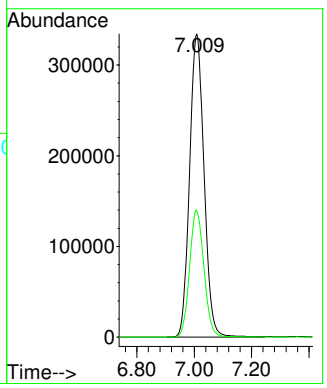


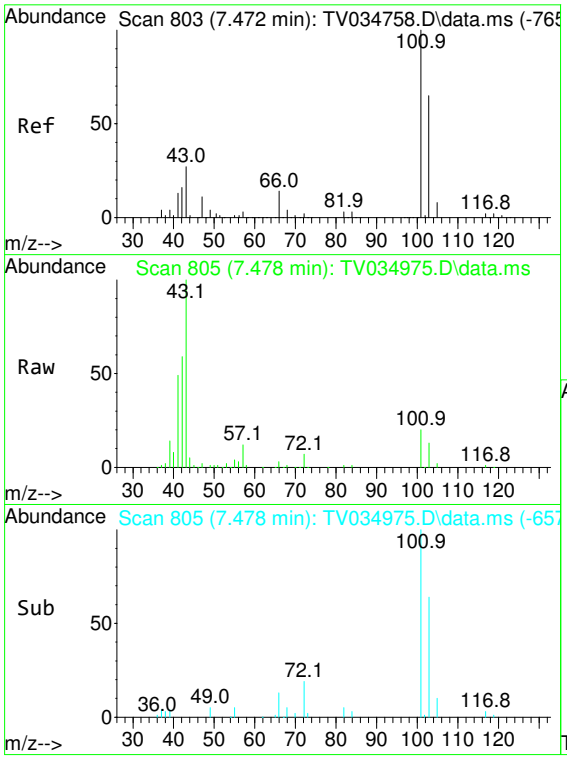


#10
ethanol
Concen: 52.19 ppbv
RT: 7.009 min Scan# 659
Delta R.T. -0.022 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 45 Resp: 1173514

Ion	Ratio	Lower	Upper
45	100		
46	41.8	40.0	60.0

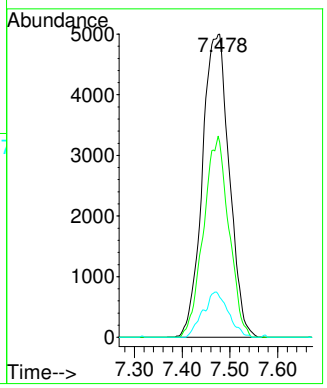


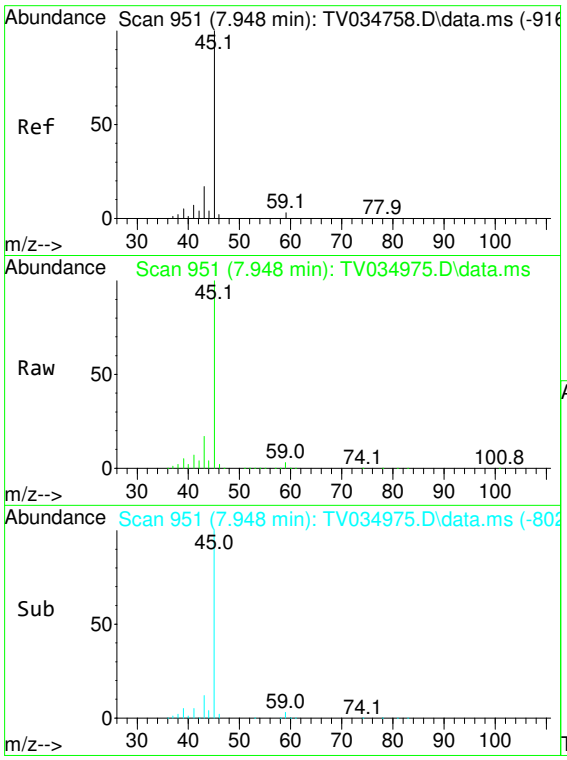


#12
Trichlorofluoromethane
Concen: 0.23 ppbv
RT: 7.478 min Scan# 805
Delta R.T. -0.024 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:101 Resp: 19514

Ion	Ratio	Lower	Upper
101	100		
103	62.5	42.4	88.0
66	14.2	7.9	16.5

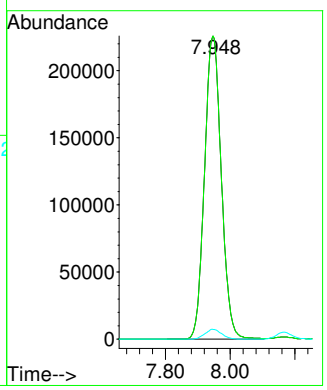


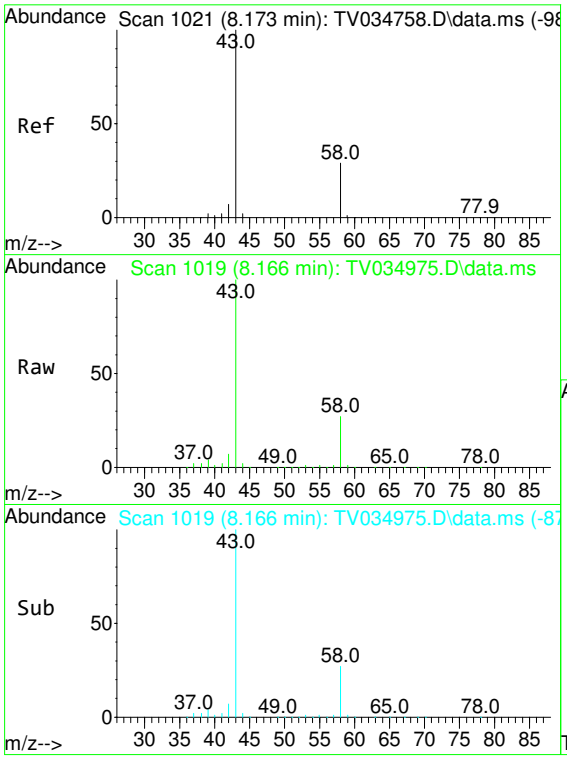


#13
Isopropanol
Concen: 9.03 ppbv
RT: 7.948 min Scan# 951
Delta R.T. -0.021 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 45 Resp: 812813

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.3	0.0	8.4

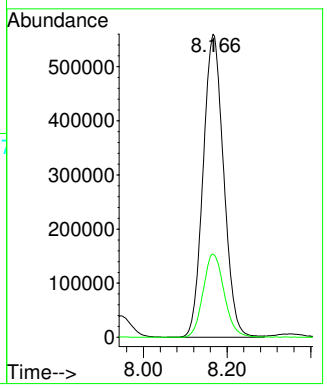


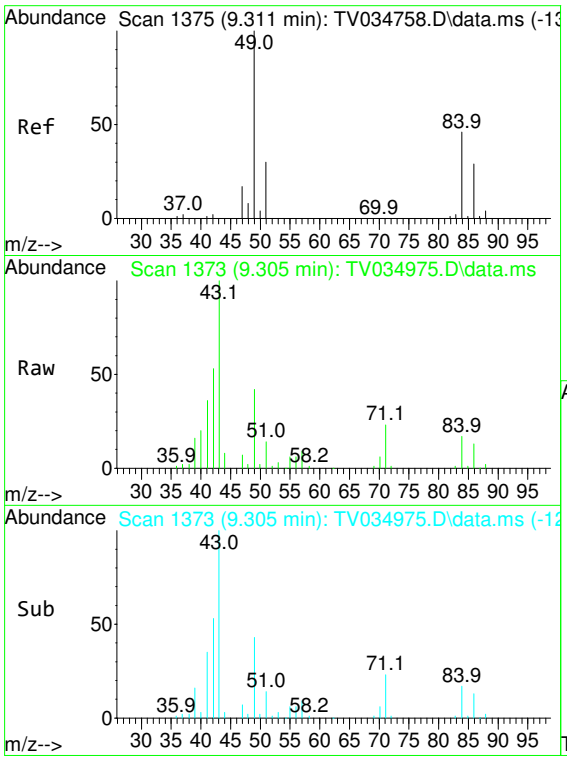


#15
Acetone
Concen: 26.84 ppbv
RT: 8.166 min Scan# 1019
Delta R.T. -0.035 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 43 Resp: 1909585

Ion	Ratio	Lower	Upper
43	100		
58	28.3	20.7	42.9

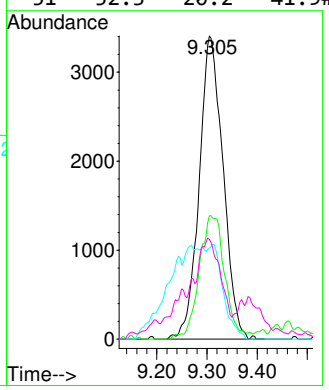


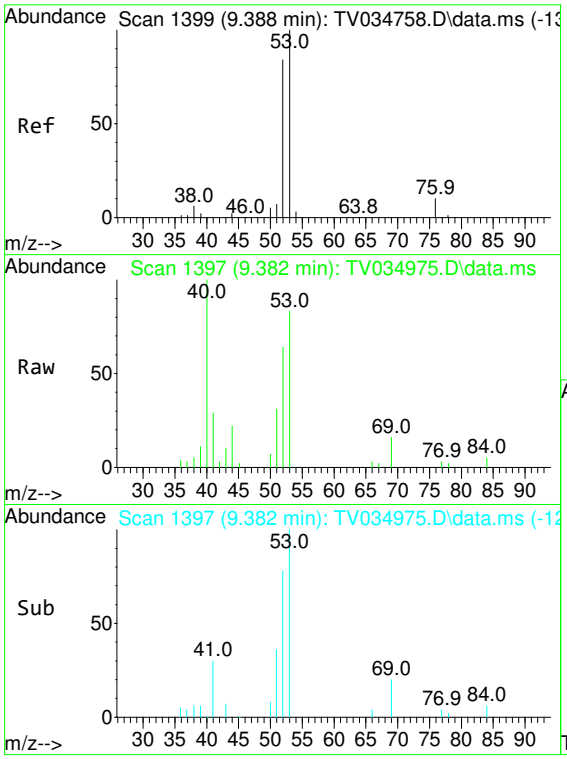


#19
Methylene Chloride
Concen: 0.20 ppbv
RT: 9.305 min Scan# 1373
Delta R.T. -0.040 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 49 Resp: 11256

Ion	Ratio	Lower	Upper
49	100		
84	44.2	50.1	104.0#
86	67.9	32.2	66.8#
51	52.3	20.2	41.9#

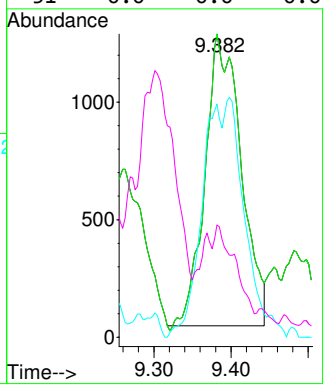


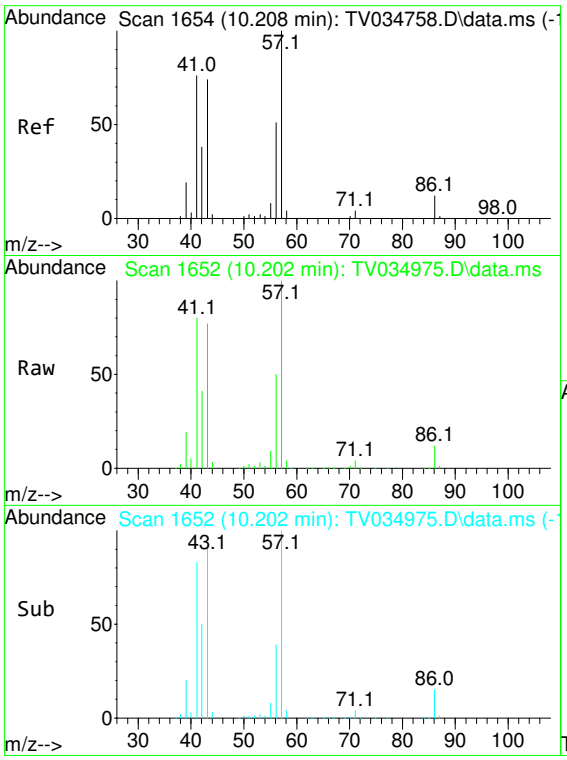


#20
Acrylonitrile
Concen: 0.10 ppbv
RT: 9.382 min Scan# 1397
Delta R.T. -0.039 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 53 Resp: 4016

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	95.6	0.0	0.0#
51	0.0	0.0	0.0

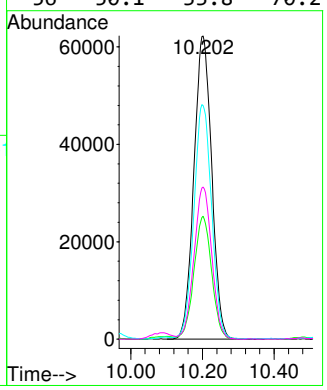


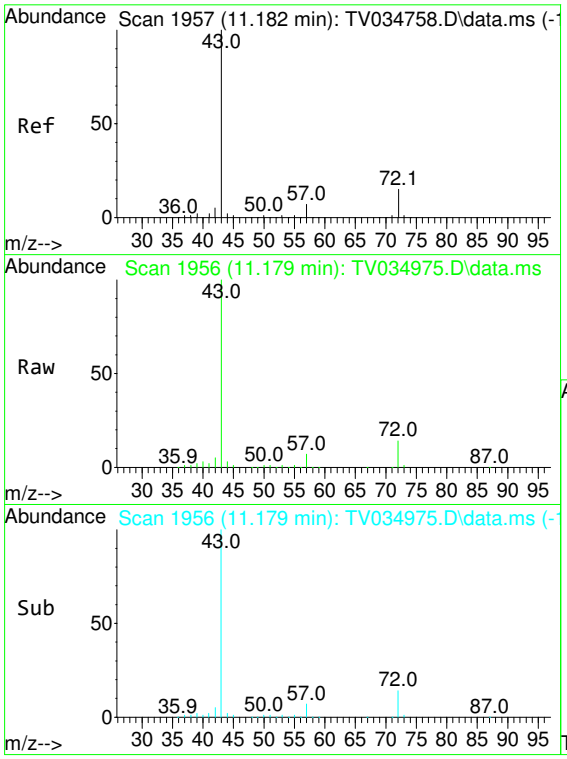


#24
Hexane
Concen: 3.18 ppbv
RT: 10.202 min Scan# 1652
Delta R.T. -0.032 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 57 Resp: 214531

Ion	Ratio	Lower	Upper
57	100		
42	40.0	22.2	46.0
43	77.1	42.9	89.1
56	50.1	33.8	70.2

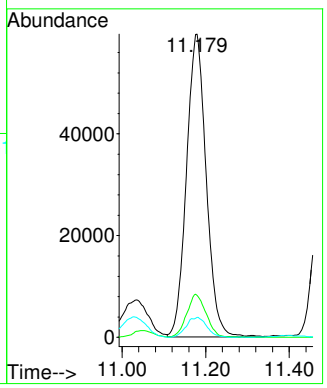


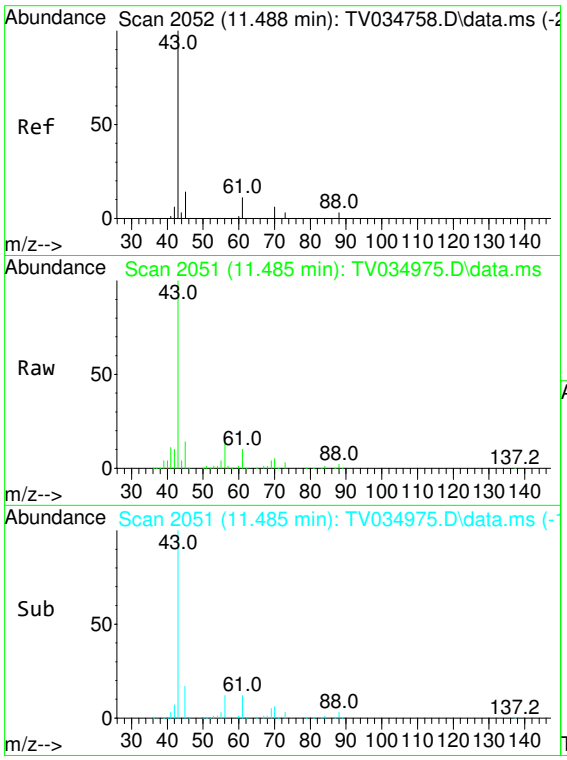


#27
2-Butanone
Concen: 1.98 ppbv
RT: 11.179 min Scan# 1956
Delta R.T. -0.033 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 43 Resp: 195082

Ion	Ratio	Lower	Upper
43	100		
72	14.0	16.4	34.2#
57	6.8	5.0	10.4

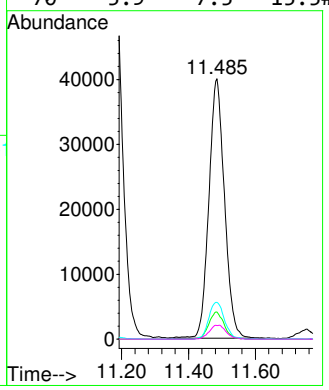


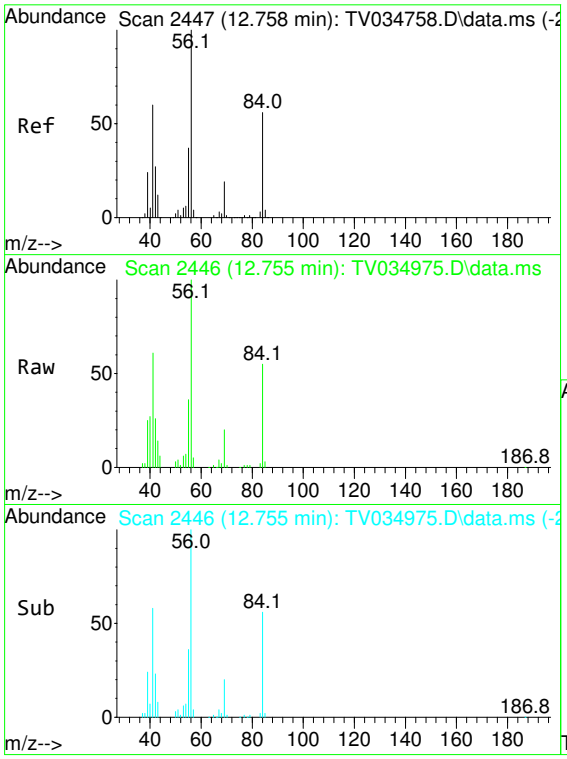


#28
Ethyl Acetate
Concen: 1.15 ppbv
RT: 11.485 min Scan# 2051
Delta R.T. -0.034 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 43 Resp: 129498

Ion	Ratio	Lower	Upper
43	100		
61	10.3	9.2	19.2
45	14.4	9.4	19.6
70	5.9	7.5	15.5#

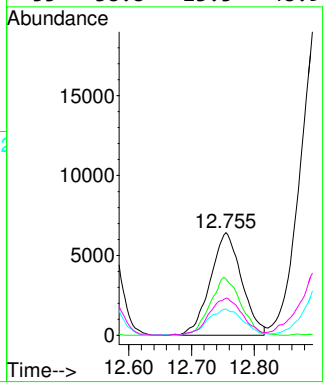


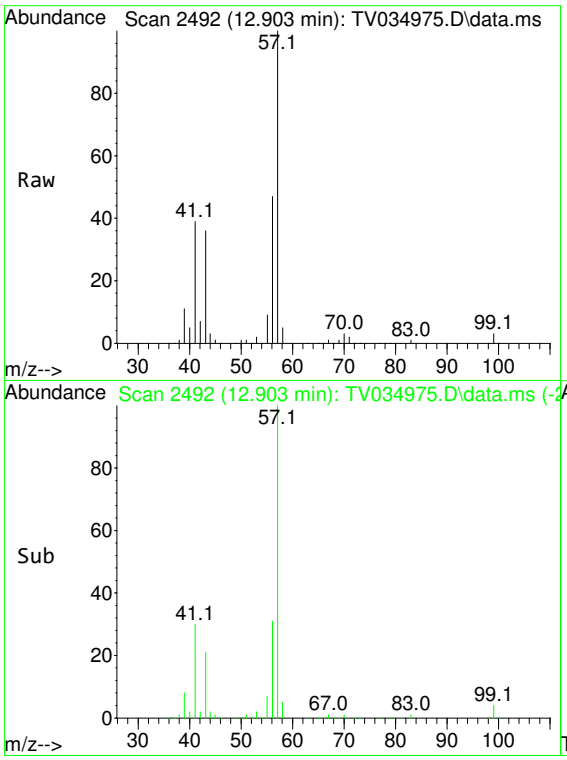


#33
Cyclohexane
Concen: 0.31 ppbv
RT: 12.755 min Scan# 2446
Delta R.T. -0.039 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 56 Resp: 22331

Ion	Ratio	Lower	Upper
56	100		
84	55.1	56.4	117.0#
42	28.7	15.3	31.7
55	38.8	23.5	48.9

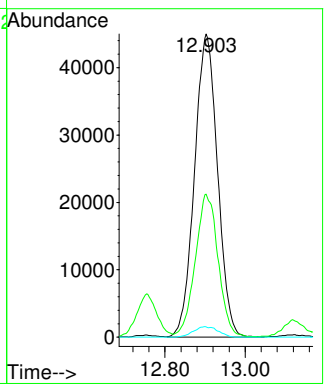


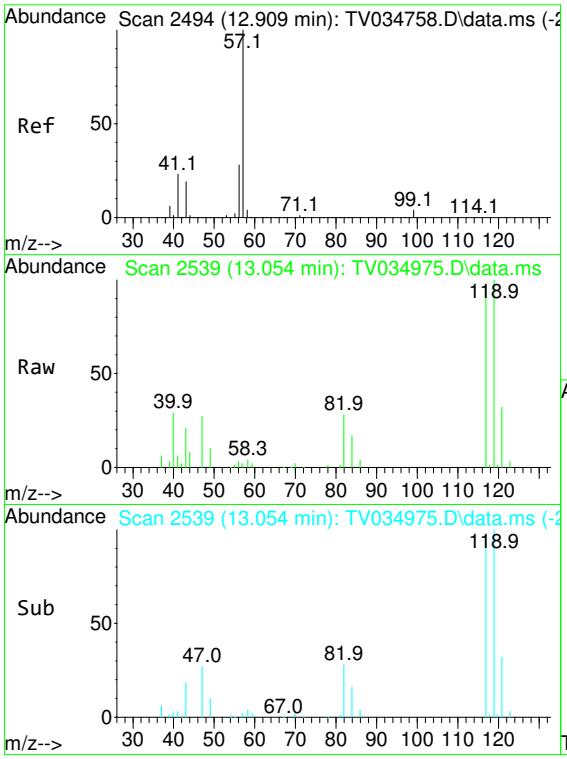


#34
2,2,4-Trimethylpentane
Concen: 0.84 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 57 Resp: 179118

Ion	Ratio	Lower	Upper
57	100		
56	46.6	24.5	45.5#
99	3.7	3.5	6.5

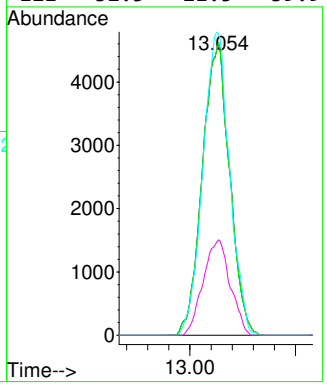


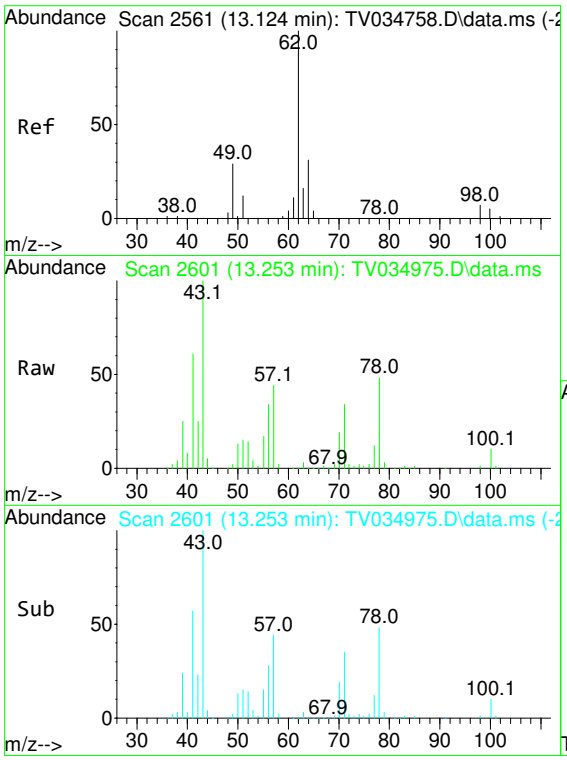


#35
Carbon Tetrachloride
Concen: 0.21 ppbv
RT: 13.054 min Scan# 2539
Delta R.T. -0.034 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:117 Resp: 16563

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.5	114.7#
121	32.5	21.5	39.9

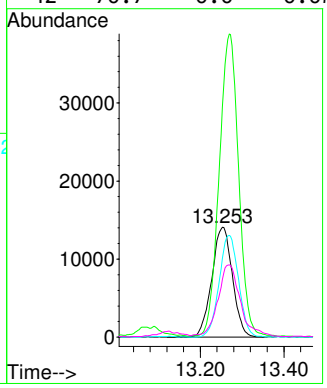


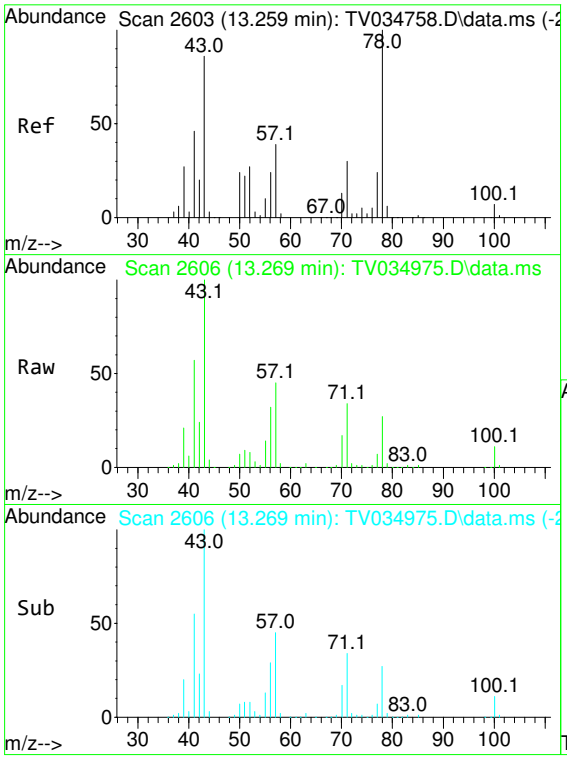


#37
Benzene
Concen: 0.54 ppbv
RT: 13.253 min Scan# 2601
Delta R.T. -0.041 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 78 Resp: 48356

Ion	Ratio	Lower	Upper
78	100		
43	260.4	0.0	0.0#
71	87.2	0.0	0.0#
42	70.7	0.0	0.0#

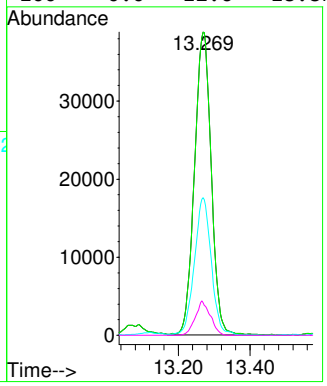


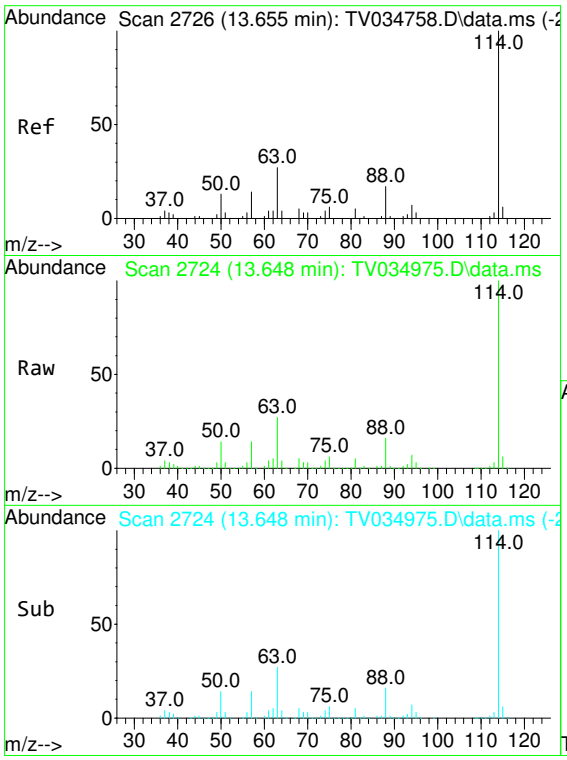


#38
n-Heptane
Concen: 1.40 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 43 Resp: 125896

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	45.6	39.8	59.8
100	0.0	12.6	18.8#

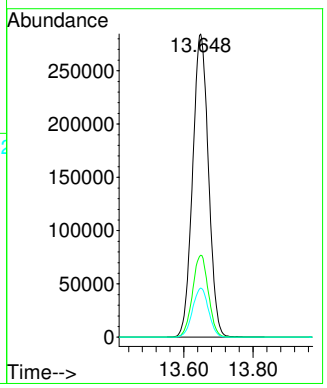


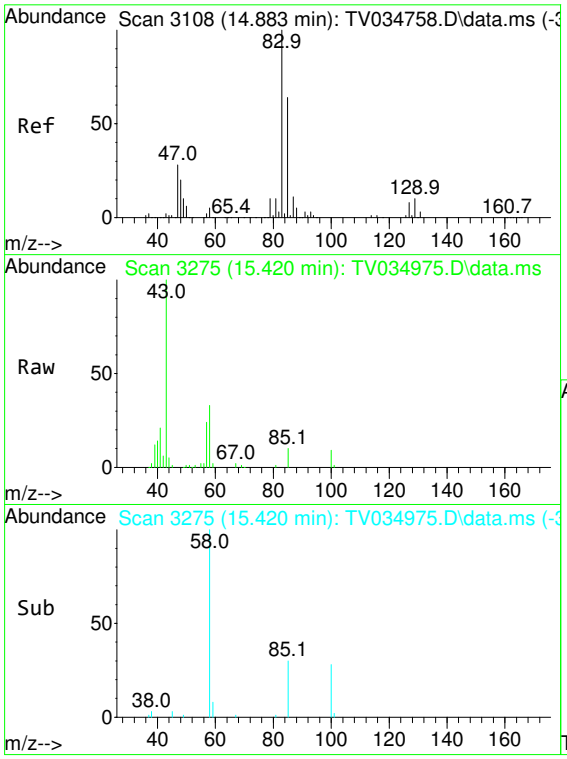


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.648 min Scan# 2724
Delta R.T. -0.041 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:114 Resp: 904391

Ion	Ratio	Lower	Upper
114	100		
63	27.1	14.0	29.2
88	16.4	11.2	23.2

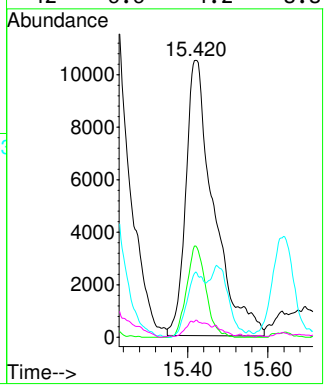


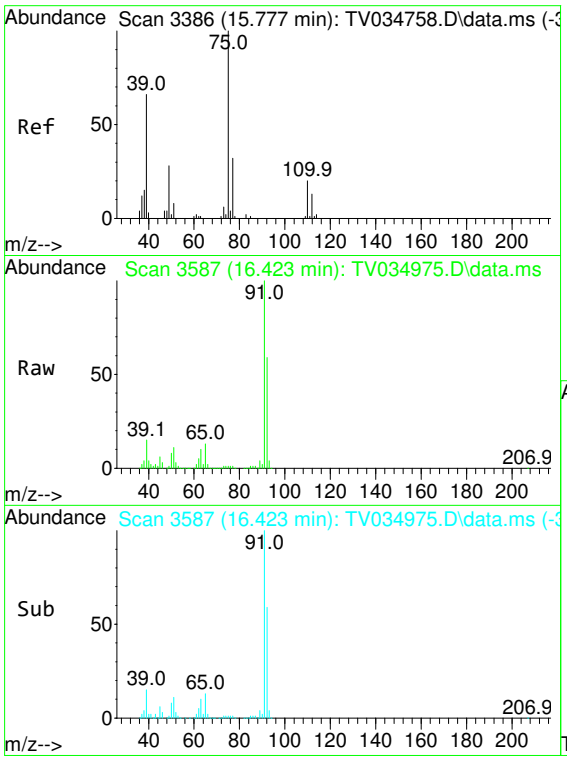


#45
Methyl Isobutyl Ketone
Concen: 0.50 ppbv
RT: 15.420 min Scan# 3275
Delta R.T. -0.034 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 43 Resp: 50617

Ion	Ratio	Lower	Upper
43	100		
58	22.9	25.3	52.5#
57	14.8	16.1	33.5#
42	6.6	4.2	8.8

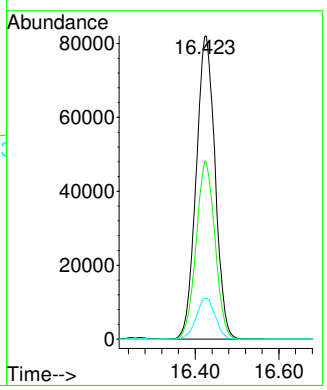


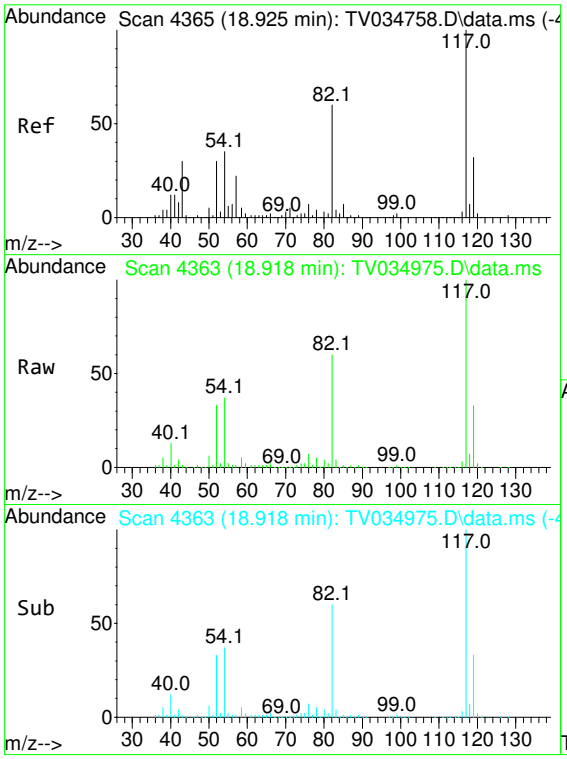


#47
Toluene
Concen: 2.59 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 91 Resp: 257646

Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.0	81.0
65	13.7	7.7	16.1

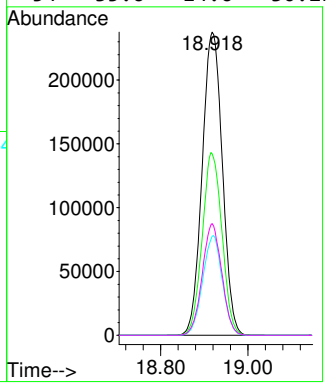


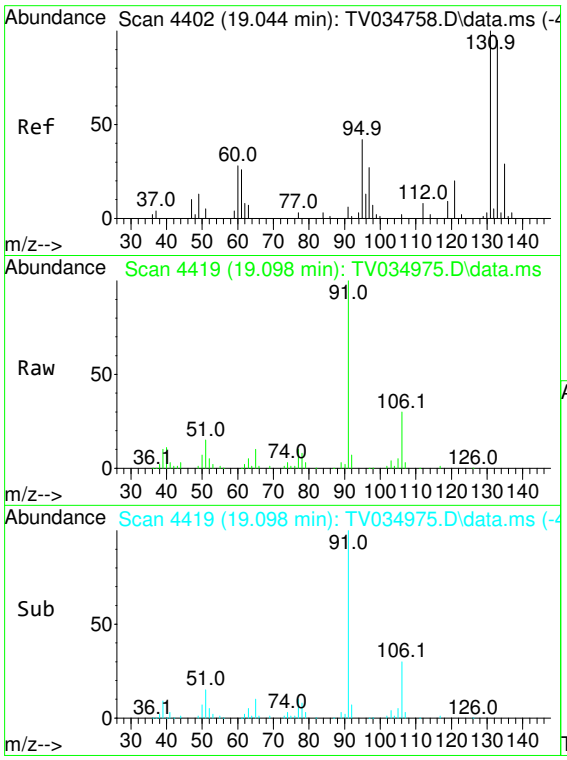


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:117 Resp: 763032

Ion	Ratio	Lower	Upper
117	100		
82	58.9	38.7	80.5
119	32.0	20.3	42.3
54	35.6	14.6	30.2#

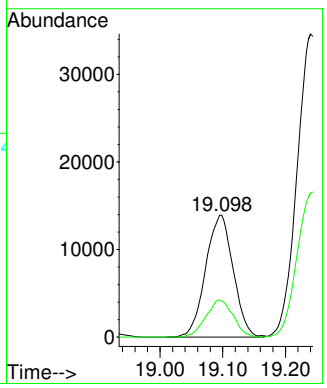


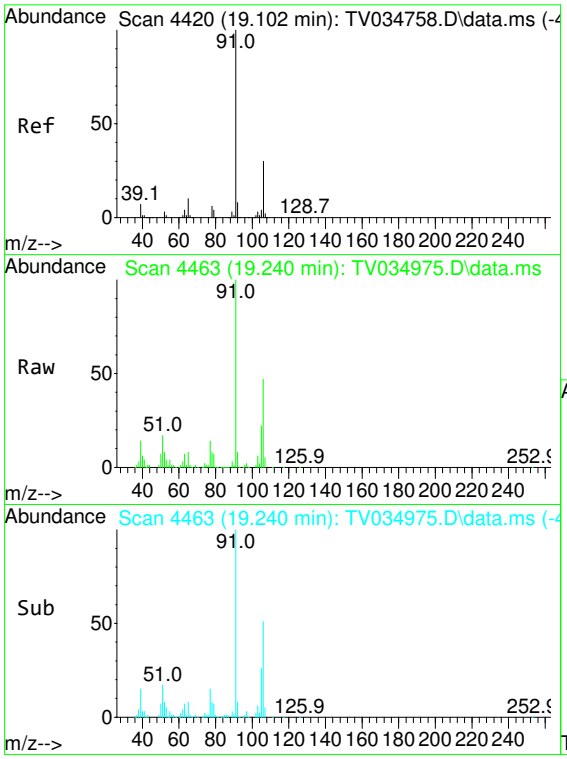


#58
Ethylbenzene
Concen: 0.34 ppbv
RT: 19.098 min Scan# 4419
Delta R.T. -0.037 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 91 Resp: 42557

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.3	42.3

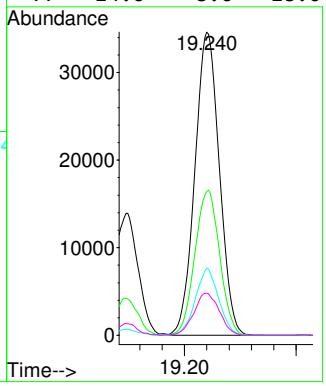


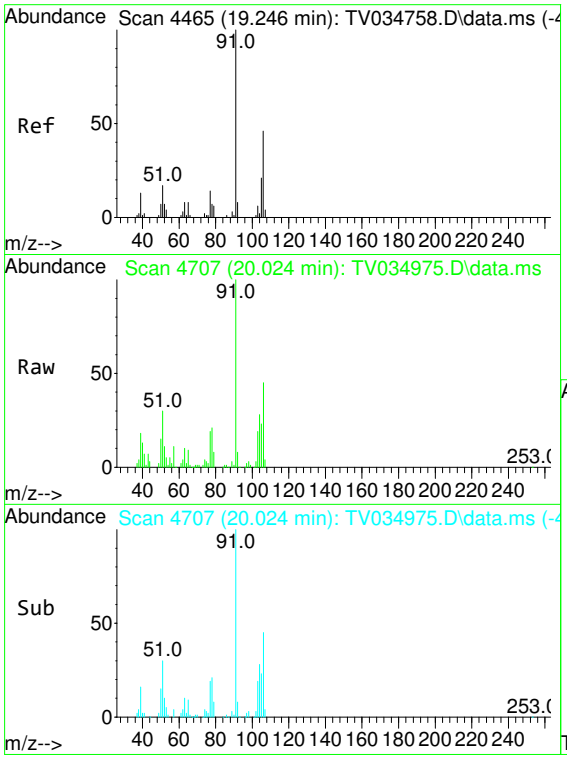


#59
p- & m- Xylenes
Concen: 1.08 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 91 Resp: 105555

Ion	Ratio	Lower	Upper
91	100		
106	48.4	31.0	64.4
105	21.0	13.4	27.8
77	14.6	8.6	18.0

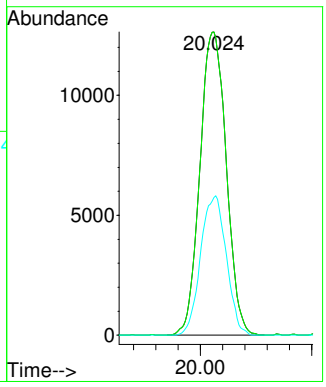


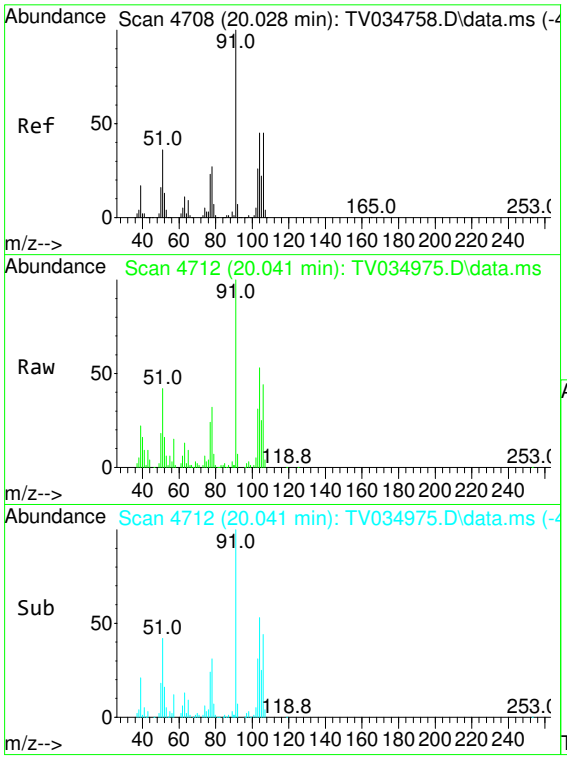


#60
o-Xylene
Concen: 0.41 ppbv
RT: 20.024 min Scan# 4707
Delta R.T. -0.042 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 91 Resp: 41377

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.9	36.9	55.3

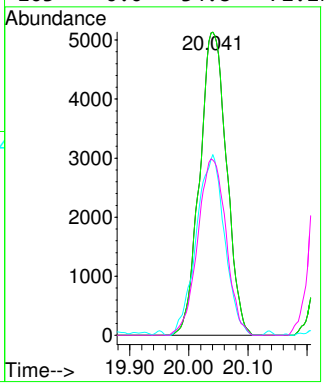


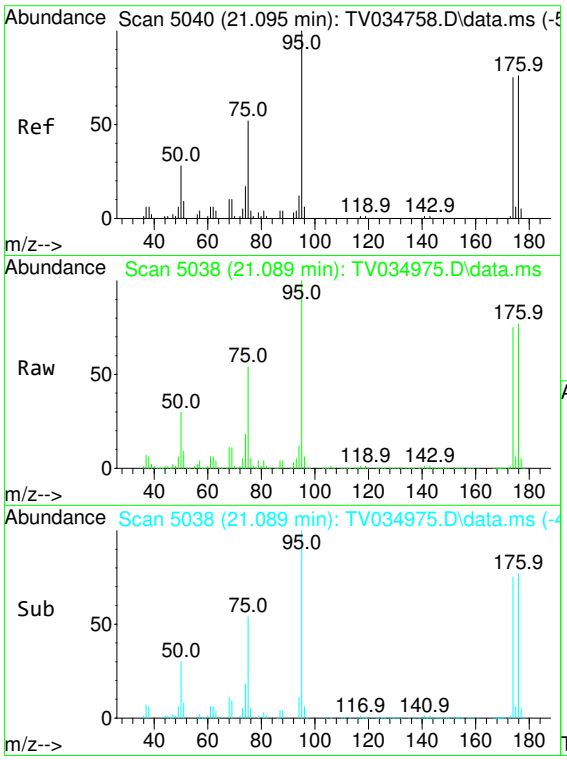


#61
Styrene
Concen: 0.23 ppbv
RT: 20.041 min Scan# 4712
Delta R.T. -0.042 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:104 Resp: 16245

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

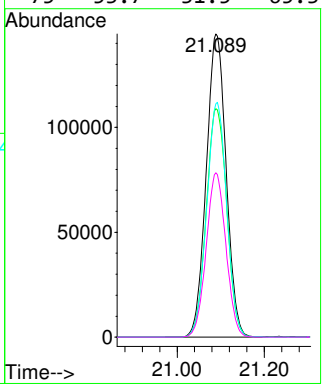


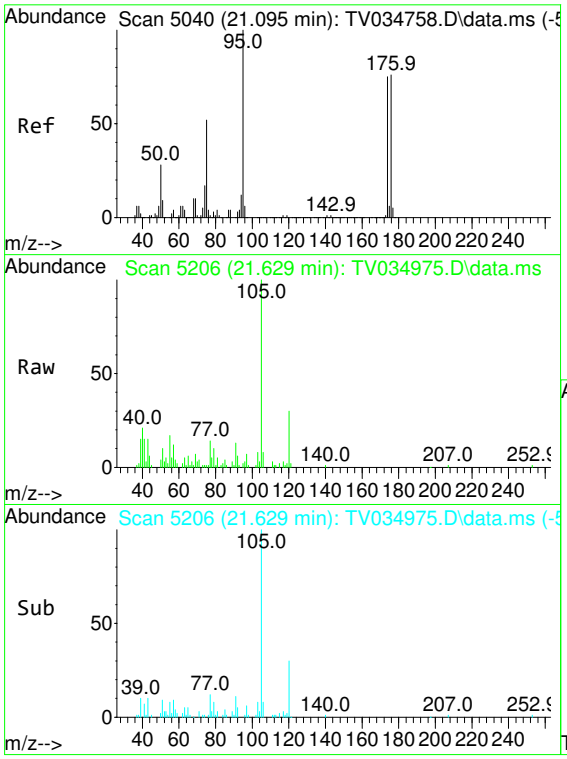


#66
p-Bromofluorobenzene
Concen: 8.17 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion: 95 Resp: 457697

Ion	Ratio	Lower	Upper
95	100		
174	77.4	50.0	103.8
176	77.8	48.2	100.2
75	53.7	31.5	65.3

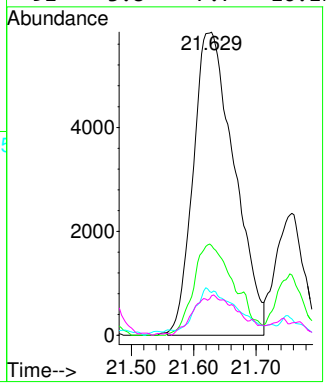


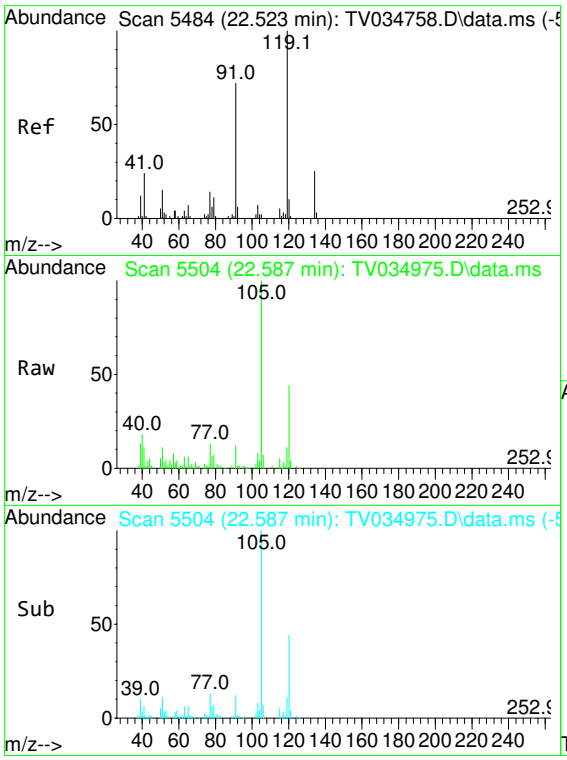


#67
4-Ethyltoluene
Concen: 0.20 ppbv m
RT: 21.629 min Scan# 5206
Delta R.T. -0.082 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:105 Resp: 26677

Ion	Ratio	Lower	Upper
105	100		
120	13.3	17.2	35.6#
77	2.9	7.6	15.8#
91	3.8	7.7	16.1#

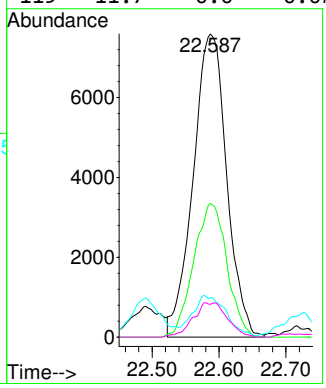




#70
1,2,4-Trimethylbenzene
Concen: 0.23 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034975.D
Acq: 31 Jan 2026 01:47 am

Tgt Ion:105 Resp: 26459

Ion	Ratio	Lower	Upper
105	100		
120	43.8	29.0	60.2
77	13.9	8.2	17.0
119	11.7	0.0	0.0#



Sample Information

Client Sample ID: SSV-3 20260122 **Sample ID: 26A1103-05**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:04 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	5.0		D	ug/m³	0.40	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.40	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	9.1	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	1.2	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.94	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	1.2	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	1.3	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.94	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.70	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.34	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	64	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
95-63-6	**1,2,4-Trimethylbenzene**	8.8		D	ug/m³	0.85	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	1.3	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	1.0	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.70	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.80	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	1.2	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
108-67-8	**1,3,5-Trimethylbenzene**	2.2		D	ug/m³	0.85	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
106-99-0	1,3-Butadiene	ND		U	ug/m³	1.1	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	1.0	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.80	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	1.0	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	3.1	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
78-93-3	2-Butanone	ND		J	ug/m³	26	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
591-78-6	* 2-Hexanone	ND		J	ug/m³	1.4	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	2.7	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
108-10-1	**4-Methyl-2-pentanone**	3.0		D	ug/m³	0.71	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
107-13-1	Acrylonitrile	ND		J	ug/m³	19	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
71-43-2	**Benzene**	1.8		D	ug/m³	0.55	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	22	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	1.2	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-25-2	Bromoform	ND		U	ug/m³	1.8	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.67	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-15-0	**Carbon disulfide**	1.1		D	ug/m³	0.54	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Sample Information

Client Sample ID: SSV-3 20260122 **Sample ID: 26A1103-05**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:04 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	1.5		D	ug/m³	0.33	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.80	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.46	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
67-66-3	**Chloroform**	3.6		D	ug/m³	0.84	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
74-87-3	Chloromethane	ND		U	ug/m³	0.36	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.34	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.79	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
110-82-7	**Cyclohexane**	1.5		D	ug/m³	0.60	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	1.5	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-71-8	**Dichlorodifluoromethane**	2.0		D	ug/m³	0.86	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	31	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
100-41-4	**Ethyl Benzene**	6.8		D	ug/m³	0.75	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	1.8	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
67-63-0	**Isopropanol**	7.5		D	ug/m³	2.6	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.85	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.71	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.62	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-09-2	Methylene chloride	ND		U	ug/m³	3.6	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.95	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
142-82-5	**n-Heptane**	2.9		D	ug/m³	0.71	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
110-54-3	**n-Hexane**	16		D	ug/m³	0.61	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
103-65-1	*** n-Propylbenzene**	1.6		D	ug/m³	0.85	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
95-47-6	**o-Xylene**	9.5		D	ug/m³	0.75	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
179601-23-1	**p- & m- Xylenes**	27	A-01	D	ug/m³	1.5	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
622-96-8	*** p-Ethyltoluene**	7.1		D	ug/m³	0.85	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.95	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
115-07-1	*** Propylene**	1.8		D	ug/m³	0.30	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.95	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
100-42-5	Styrene	ND		U	ug/m³	0.74	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.95	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	1.2	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
109-99-9	*** Tetrahydrofuran**	2.9		D	ug/m³	1.0	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
108-88-3	**Toluene**	21		D	ug/m³	0.65	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.69	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.79	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Sample Information

Client Sample ID: SSV-3 20260122 **Sample ID: 26A1103-05**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:04 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.28	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	0.97		D	ug/m³	0.97	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.61	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.76	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.22	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR
1330-20-7	**Xylenes, Total**	36		D	ug/m³	2.3	1.73	EPA TO-15	1/30/26 11:46	1/31/26 02:33	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034976.D
Acq On : 31 Jan 2026 02:33 am
Operator : YR
Sample : 26A1103-05
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.73
InstName : TO15_AIR3

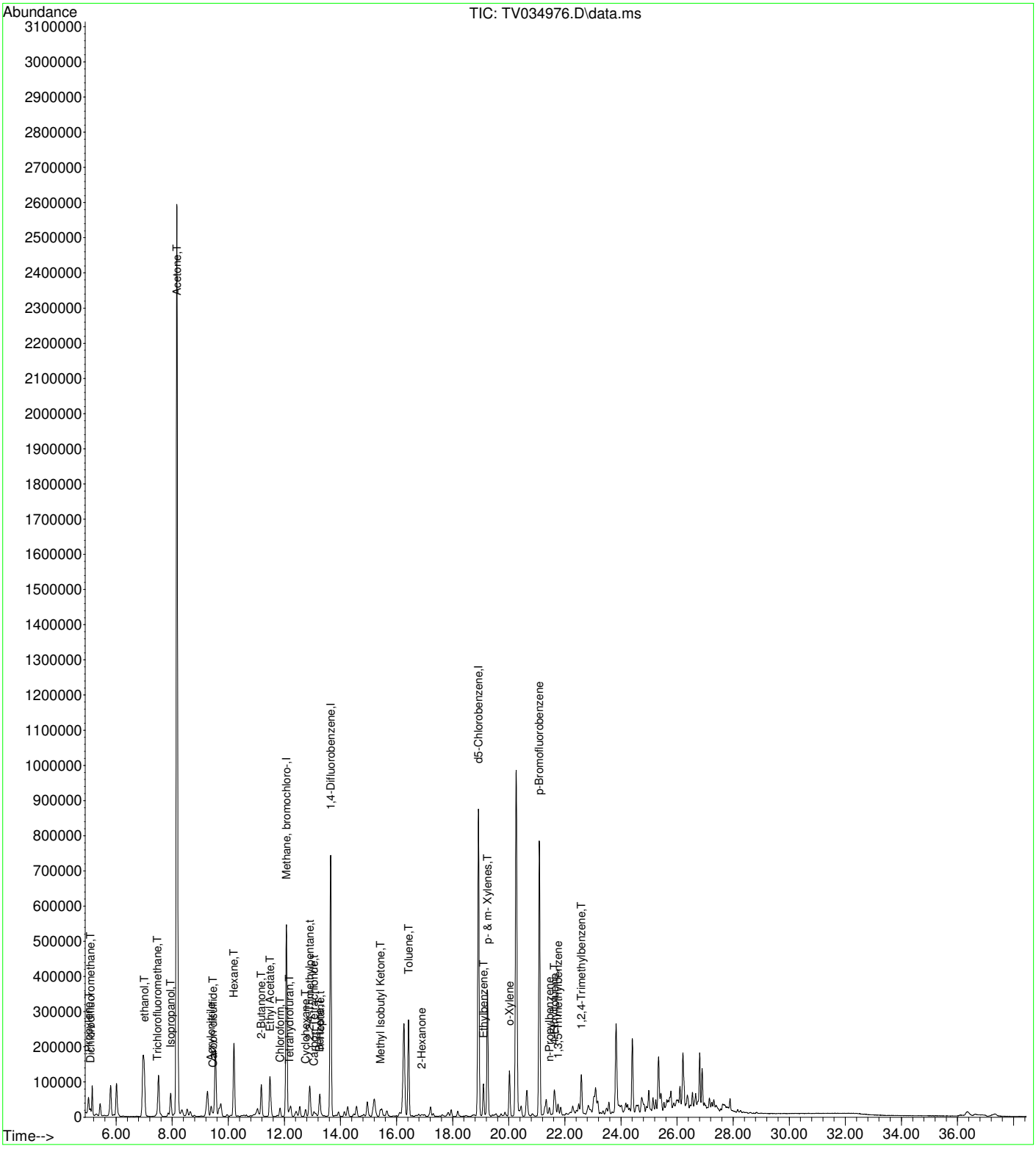
Quant Time: Jan 31 08:33:47 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

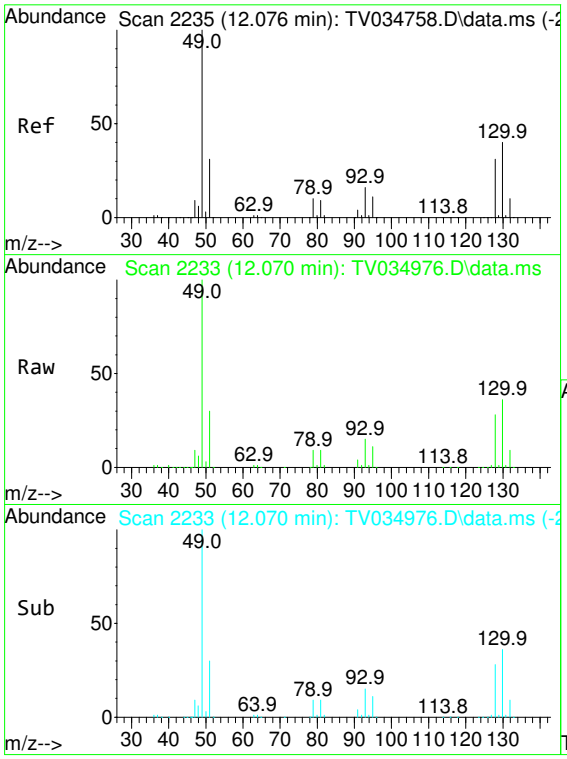
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	640149	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.649	114	896439	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.919	117	766759	10.00	ppbv	#-0.04
Target Compounds						Qvalue
2) Propylene	5.012	42	15912	0.61	ppbv	# 66
3) Dichlorodifluoromethane	5.090	85	19027	0.23	ppbv	# 94
10) ethanol	7.006	45	228610	10.35	ppbv	88
12) Trichlorofluoromethane	7.469	101	8610	0.10	ppbv	98
13) Isopropanol	7.941	45	156444	1.77	ppbv	100
15) Acetone	8.163	43	5876219	84.08	ppbv	93
20) Acrylonitrile	9.382	53	40548	1.02	ppbv	# 100
21) Carbon disulfide	9.446	76	16228	0.20	ppbv	# 73
24) Hexane	10.199	57	172460	2.60	ppbv	90
27) 2-Butanone	11.176	43	213708	2.21	ppbv	# 83
28) Ethyl Acetate	11.482	43	218040	1.96	ppbv	# 93
30) Chloroform	11.845	83	29487	0.43	ppbv	# 92
31) Tetrahydrofuran	12.176	42	32007	0.57	ppbv	# 64
33) Cyclohexane	12.755	56	18391	0.26	ppbv	# 77
34) 2,2,4-Trimethylpentane	12.903	57	130662	0.62	ppbv	84
35) Carbon Tetrachloride	13.051	117	10822	0.14	ppbv	# 58
37) Benzene	13.247	78	29257	0.33	ppbv	# 100
38) n-Heptane	13.269	43	36402	0.41	ppbv	# 77
45) Methyl Isobutyl Ketone	15.424	43	42703	0.43	ppbv	# 66
47) Toluene	16.427	91	316064	3.20	ppbv	99
50) 2-Hexanone	16.890	43	12563	0.15	ppbv	# 87
58) Ethylbenzene	19.095	91	113713	0.90	ppbv	98
59) p- & m- Xylenes	19.240	91	349419	3.54	ppbv	99
60) o-Xylene	20.025	91	128731	1.26	ppbv	99
63) n-Propylbenzene	21.446	91	32234	0.19	ppbv	100
66) p-Bromofluorobenzene	21.089	95	473185	8.40	ppbv	97
67) 4-Ethyltoluene	21.626	105	112935m	0.84	ppbv	
68) 1,3,5-Trimethylbenzene	21.758	105	29903	0.26	ppbv	93
70) 1,2,4-Trimethylbenzene	22.587	105	120295	1.03	ppbv	# 99

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034976.D
Acq On : 31 Jan 2026 02:33 am
Operator : YR
Sample : 26A1103-05
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.73
InstName : TO15_AIR3

Quant Time: Jan 31 08:33:47 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

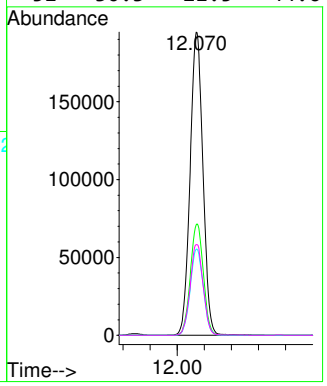


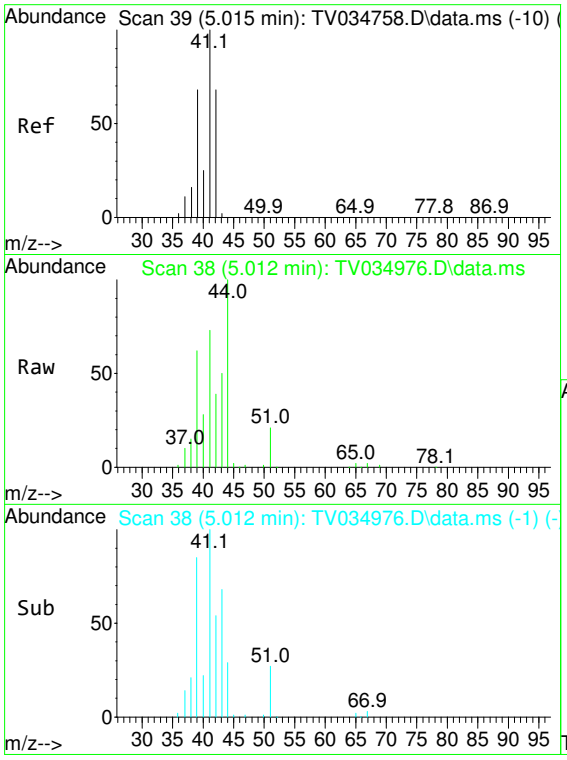


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 49 Resp: 640149

Ion	Ratio	Lower	Upper
49	100		
130	37.3	44.5	92.3#
128	28.9	34.7	72.1#
51	30.3	21.5	44.6

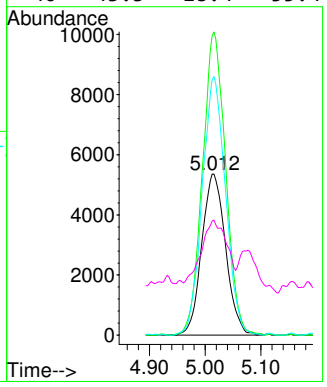


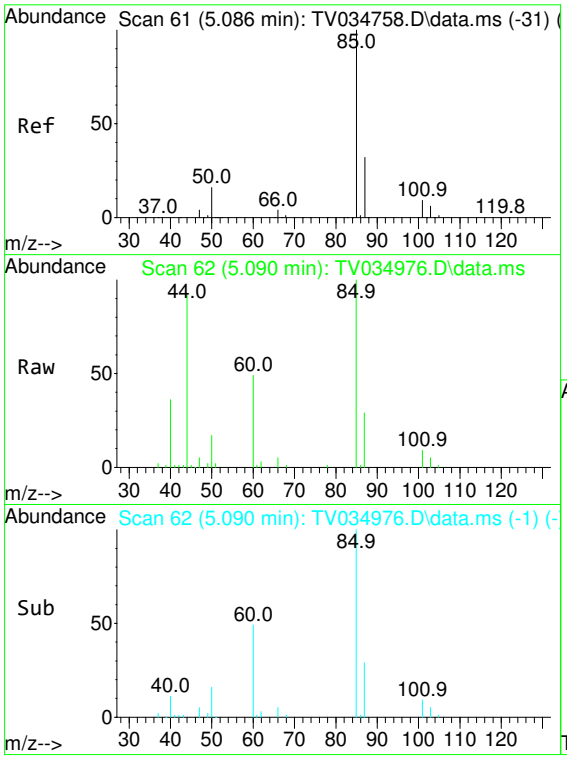


#2
Propylene
Concen: 0.61 ppbv
RT: 5.012 min Scan# 38
Delta R.T. -0.029 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 42 Resp: 15912

Ion	Ratio	Lower	Upper
42	100		
41	182.8	88.9	207.5
39	156.9	52.2	156.6#
40	43.3	18.4	55.4

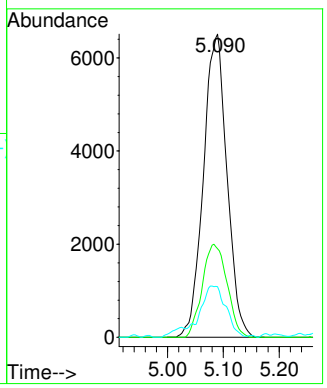


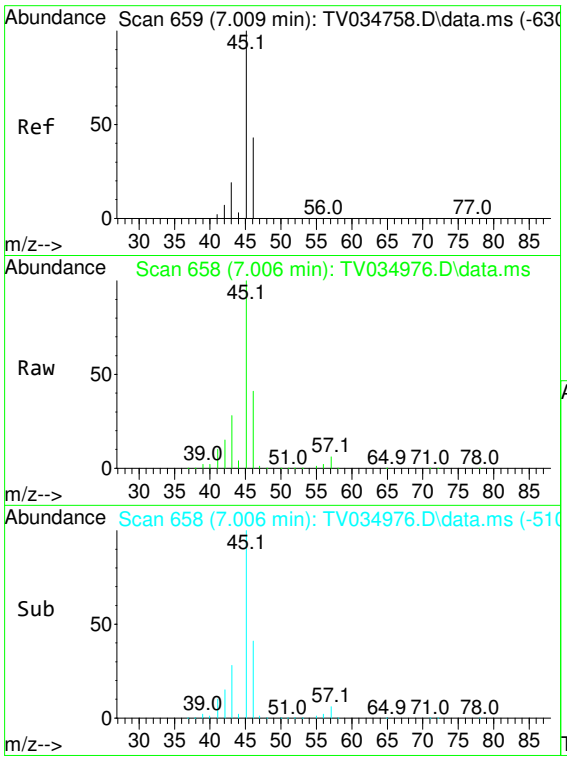


#3
Dichlorodifluoromethane
Concen: 0.23 ppbv
RT: 5.090 min Scan# 62
Delta R.T. -0.022 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 85 Resp: 19027

Ion	Ratio	Lower	Upper
85	100		
87	32.3	21.0	43.6
50	20.3	6.8	14.2#

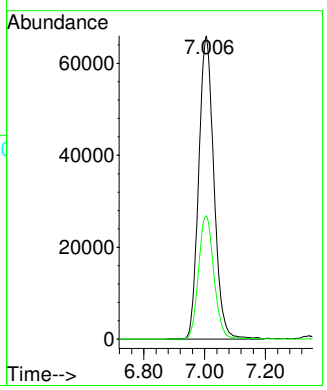


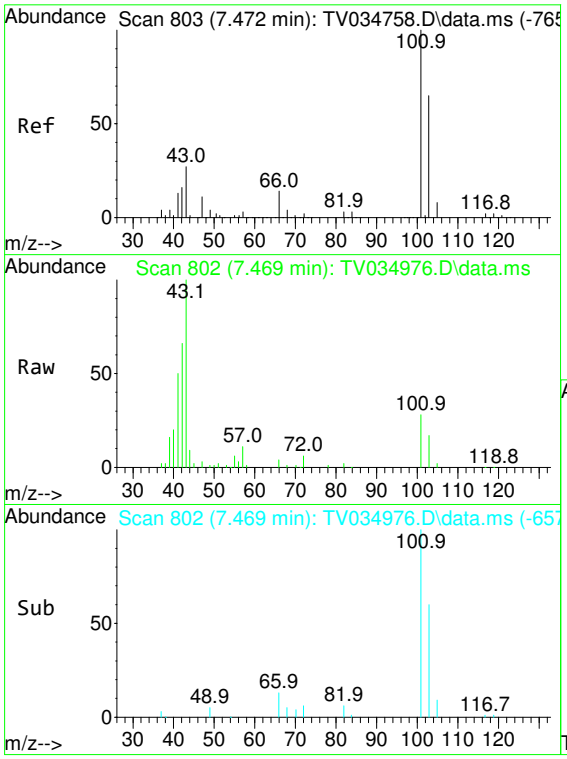


#10
ethanol
Concen: 10.35 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 45 Resp: 228610

Ion	Ratio	Lower	Upper
45	100		
46	41.5	40.0	60.0

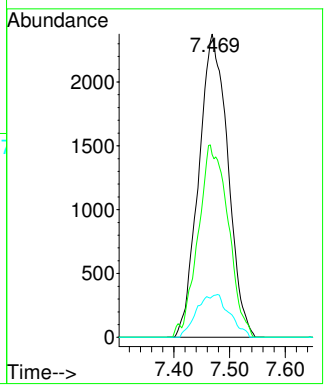


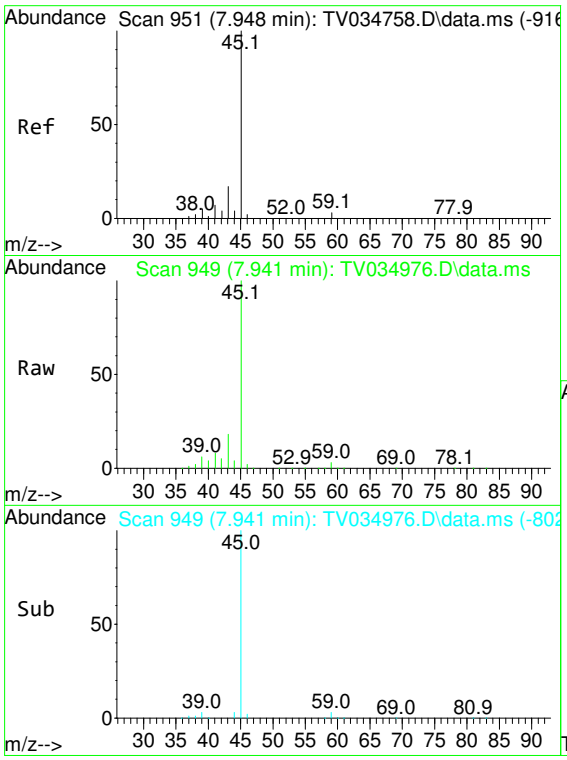


#12
Trichlorofluoromethane
Concen: 0.10 ppbv
RT: 7.469 min Scan# 802
Delta R.T. -0.033 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:101 Resp: 8610

Ion	Ratio	Lower	Upper
101	100		
103	65.8	42.4	88.0
66	15.9	7.9	16.5

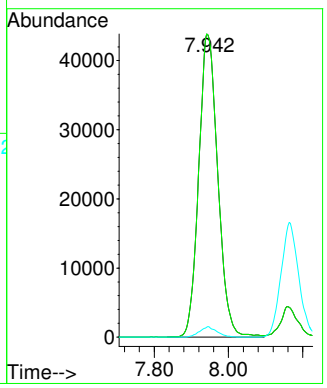


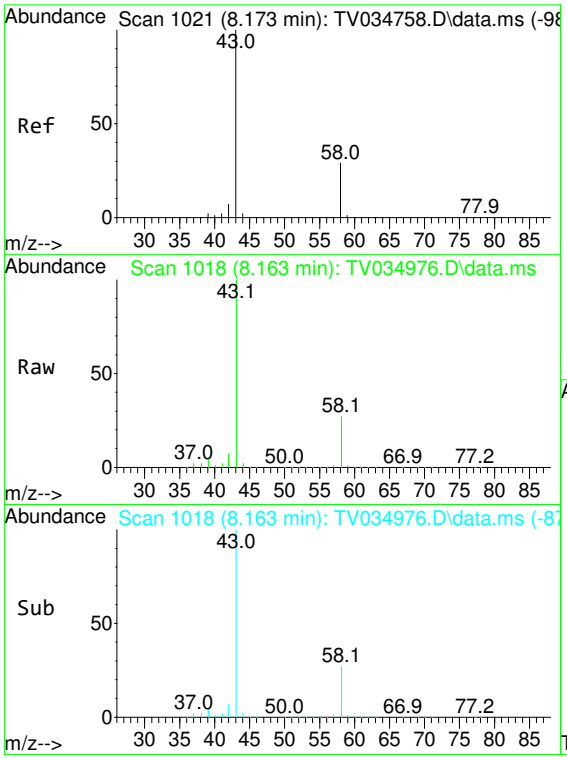


#13
Isopropanol
Concen: 1.77 ppbv
RT: 7.941 min Scan# 949
Delta R.T. -0.028 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 45 Resp: 156444

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.2	0.0	8.4

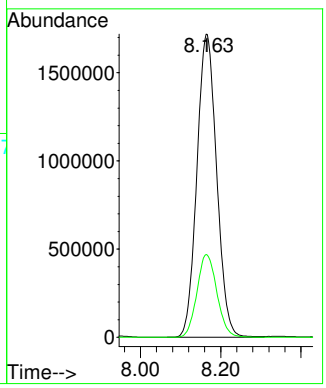


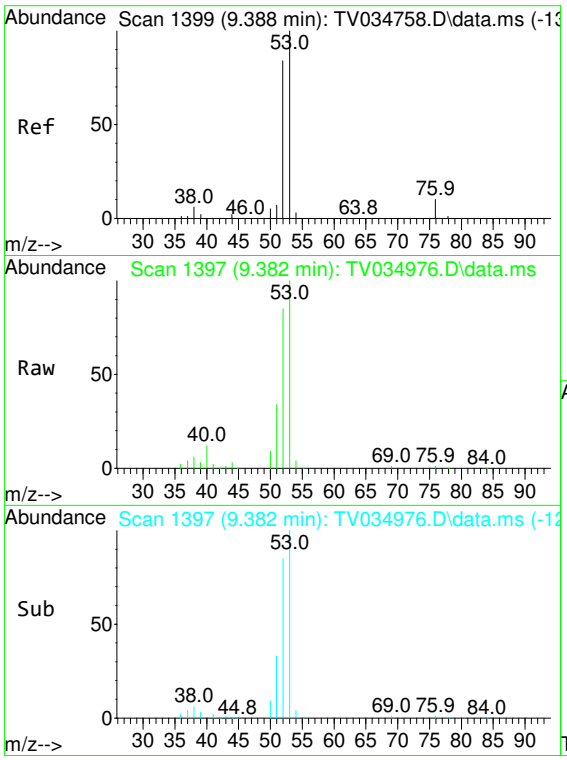


#15
Acetone
Concen: 84.08 ppbv
RT: 8.163 min Scan# 1018
Delta R.T. -0.038 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 5876219

Ion	Ratio	Lower	Upper
43	100		
58	27.8	20.7	42.9

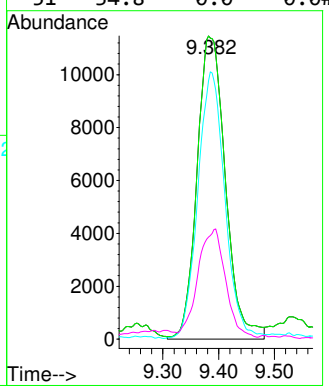


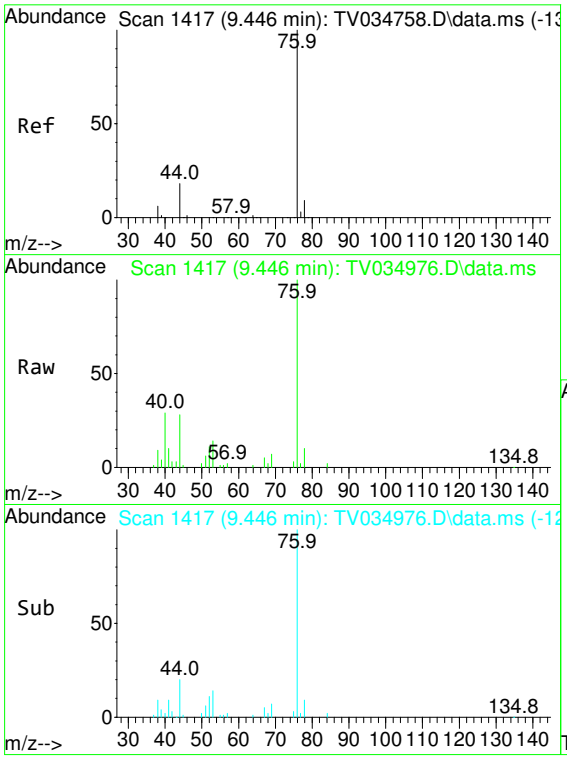


#20
Acrylonitrile
Concen: 1.02 ppbv
RT: 9.382 min Scan# 1397
Delta R.T. -0.039 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 53 Resp: 40548

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	83.4	0.0	0.0#
51	34.8	0.0	0.0#

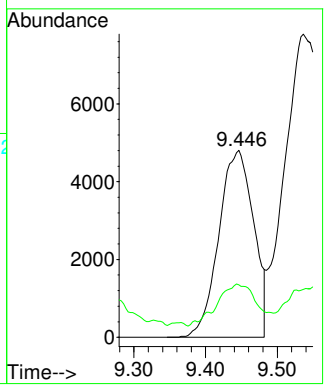


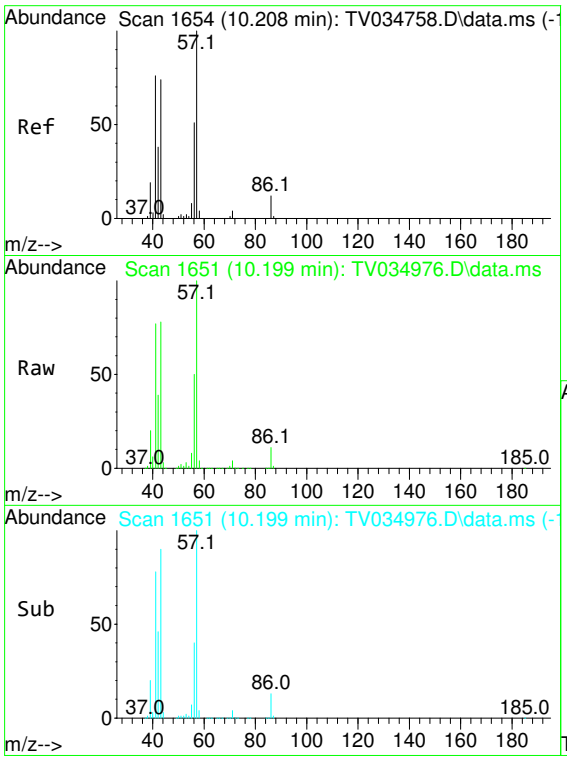


#21
Carbon disulfide
Concen: 0.20 ppbv
RT: 9.446 min Scan# 1417
Delta R.T. -0.033 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 76 Resp: 16228

Ion	Ratio	Lower	Upper
76	100		
44	23.8	8.4	17.4#

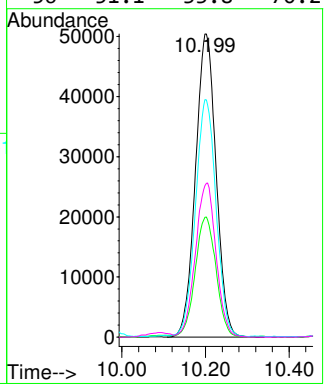


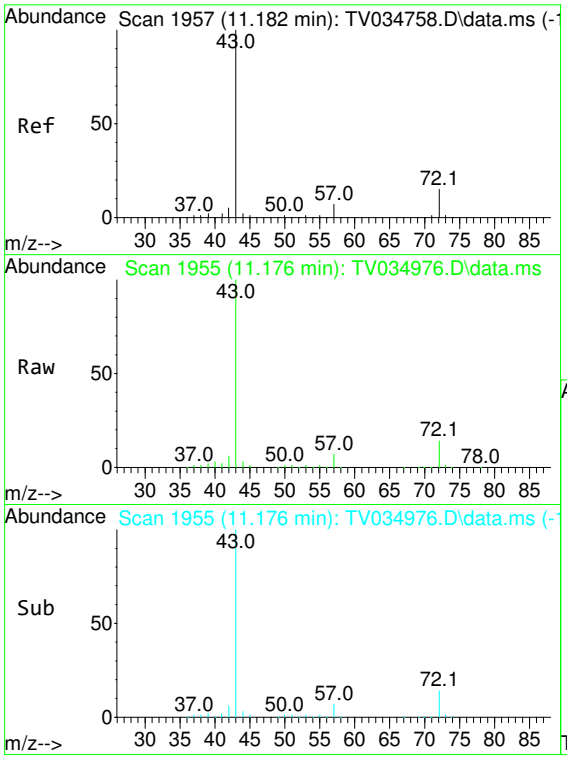


#24
Hexane
Concen: 2.60 ppbv
RT: 10.199 min Scan# 1651
Delta R.T. -0.035 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 57 Resp: 172460

Ion	Ratio	Lower	Upper
57	100		
42	41.1	22.2	46.0
43	78.6	42.9	89.1
56	51.1	33.8	70.2

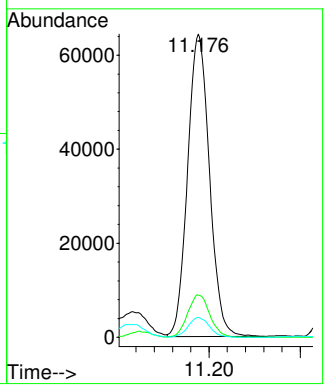


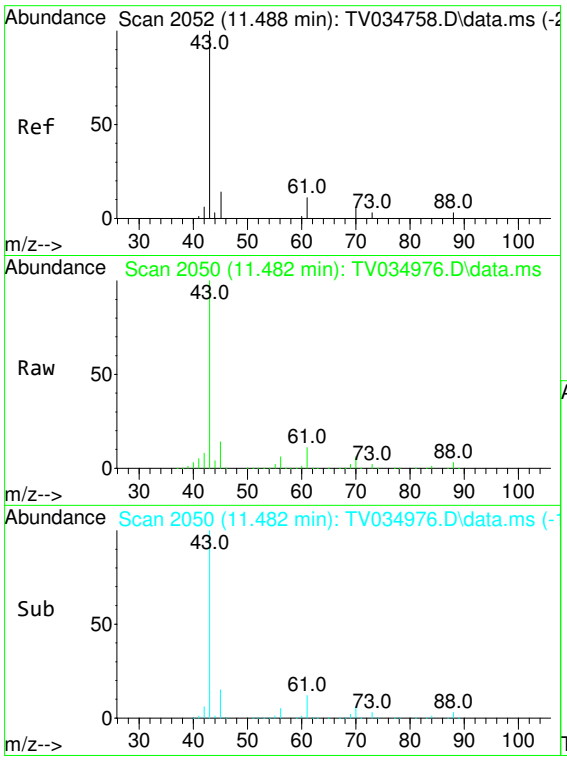


#27
2-Butanone
Concen: 2.21 ppbv
RT: 11.176 min Scan# 1955
Delta R.T. -0.036 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 213708

Ion	Ratio	Lower	Upper
43	100		
72	14.4	16.4	34.2#
57	6.5	5.0	10.4

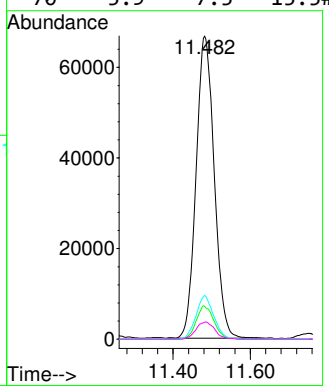


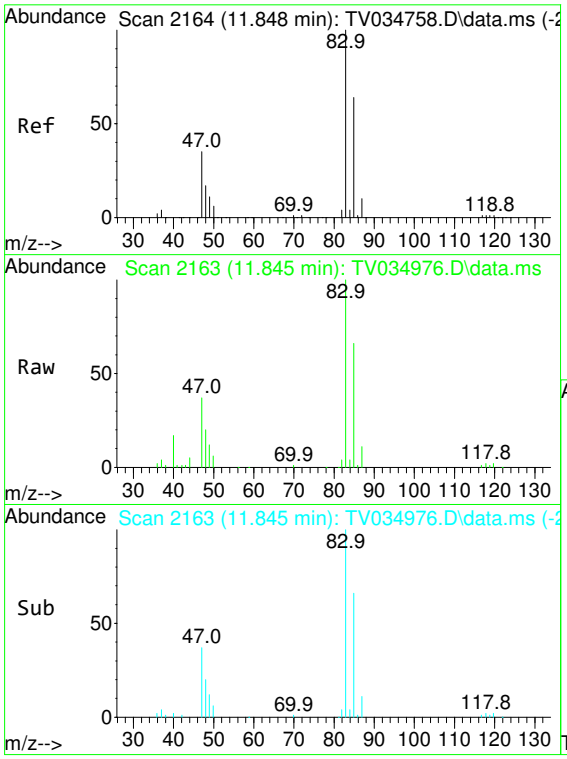


#28
Ethyl Acetate
Concen: 1.96 ppbv
RT: 11.482 min Scan# 2050
Delta R.T. -0.037 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 218040

Ion	Ratio	Lower	Upper
43	100		
61	10.7	9.2	19.2
45	14.2	9.4	19.6
70	5.9	7.5	15.5#

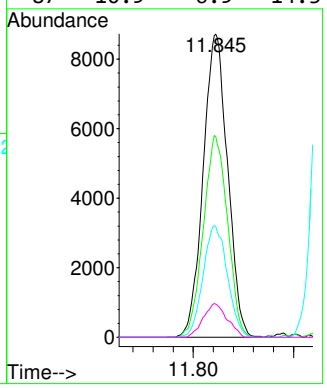


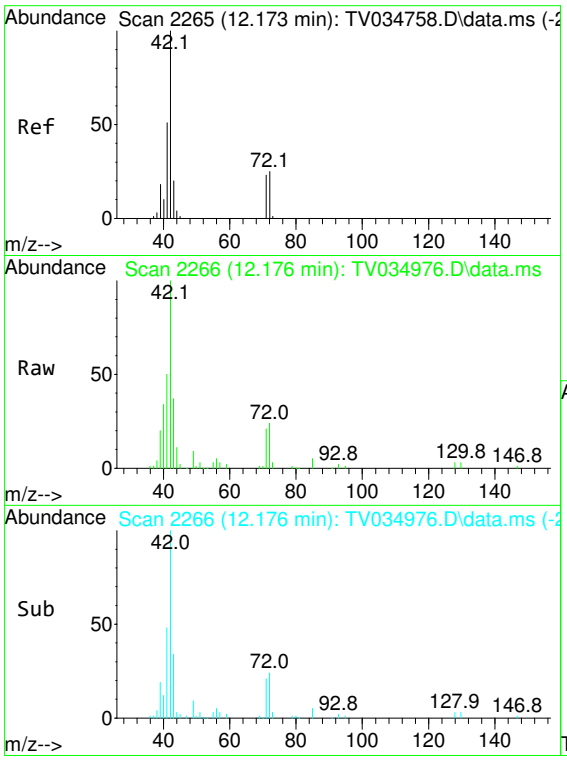


#30
Chloroform
Concen: 0.43 ppbv
RT: 11.845 min Scan# 2163
Delta R.T. -0.037 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 83 Resp: 29487

Ion	Ratio	Lower	Upper
83	100		
85	65.9	42.2	87.6
47	36.6	14.8	30.8#
87	10.9	6.9	14.3

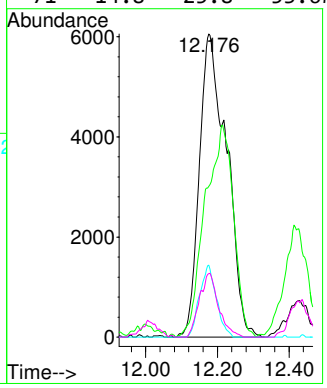


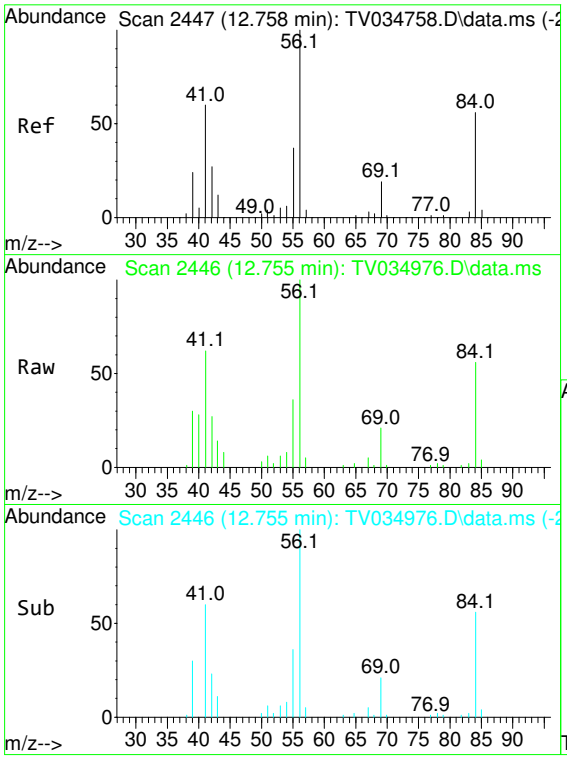


#31
Tetrahydrofuran
Concen: 0.57 ppbv
RT: 12.176 min Scan# 2266
Delta R.T. -0.026 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 42 Resp: 32007

Ion	Ratio	Lower	Upper
42	100		
41	71.7	34.5	71.7#
72	14.6	27.4	56.8#
71	14.8	25.8	53.6#

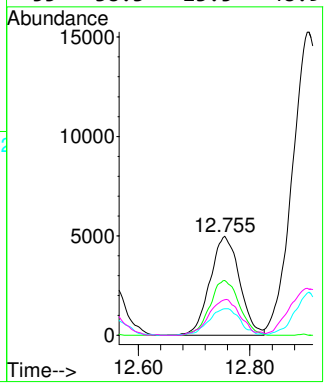


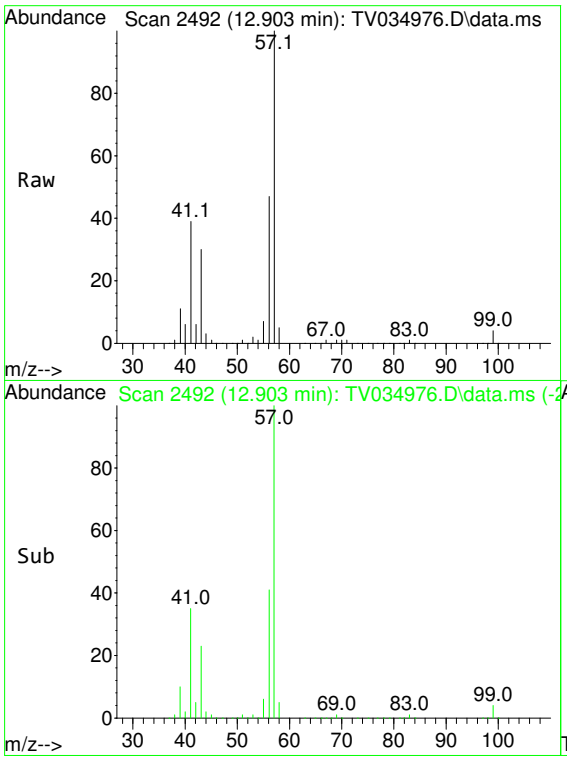


#33
Cyclohexane
Concen: 0.26 ppbv
RT: 12.755 min Scan# 2446
Delta R.T. -0.039 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 56 Resp: 18391

Ion	Ratio	Lower	Upper
56	100		
84	55.1	56.4	117.0#
42	28.7	15.3	31.7
55	38.3	23.5	48.9

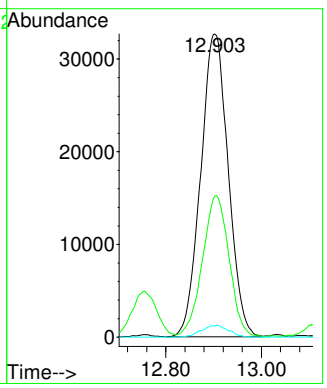


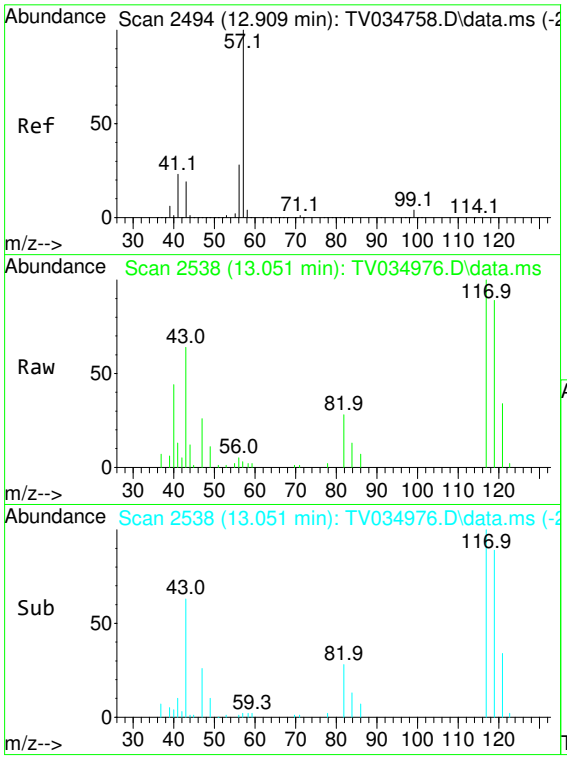


#34
2,2,4-Trimethylpentane
Concen: 0.62 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 57 Resp: 130662

Ion	Ratio	Lower	Upper
57	100		
56	45.1	24.5	45.5
99	3.9	3.5	6.5

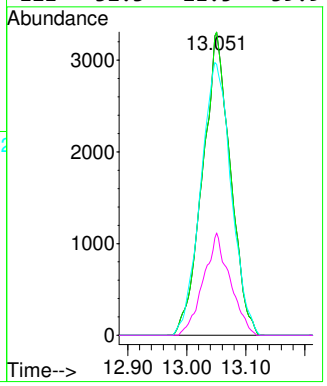


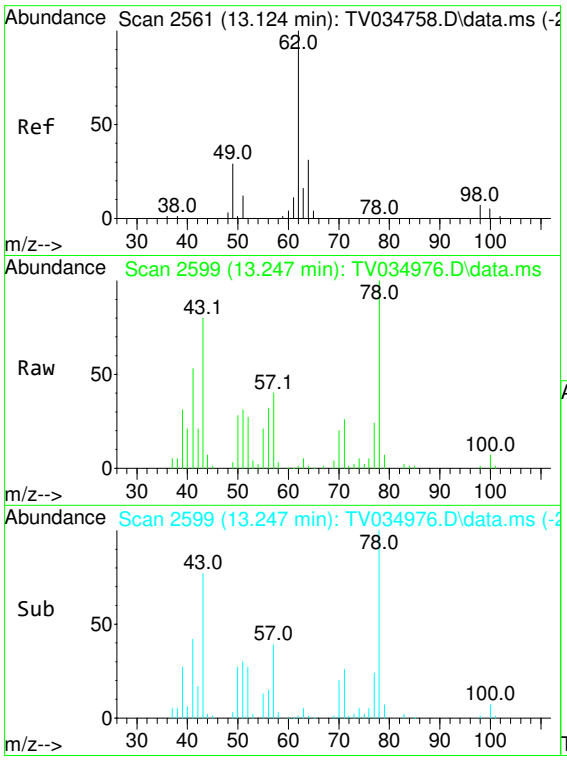


#35
Carbon Tetrachloride
Concen: 0.14 ppbv
RT: 13.051 min Scan# 2538
Delta R.T. -0.037 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:117 Resp: 10822

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.5	114.7#
121	32.3	21.5	39.9

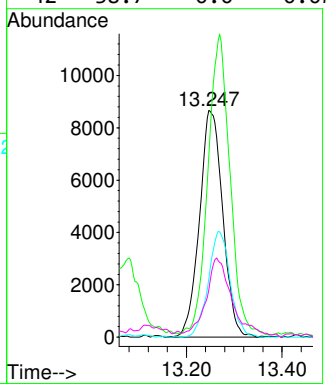


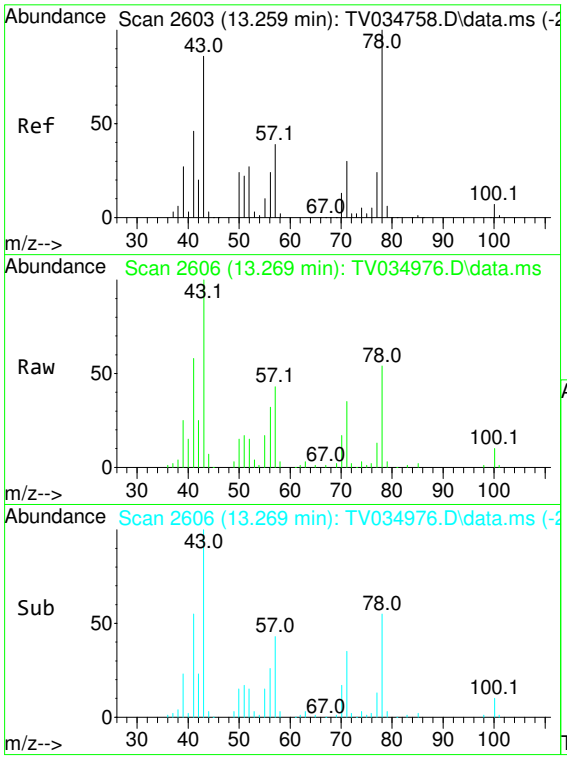


#37
Benzene
Concen: 0.33 ppbv
RT: 13.247 min Scan# 2599
Delta R.T. -0.047 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 78 Resp: 29257

Ion	Ratio	Lower	Upper
78	100		
43	124.4	0.0	0.0#
71	44.1	0.0	0.0#
42	38.7	0.0	0.0#

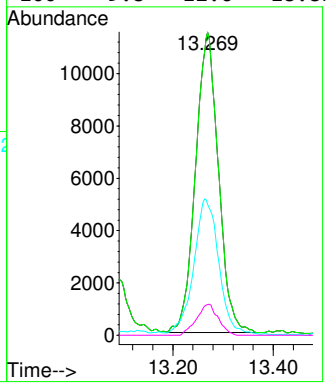


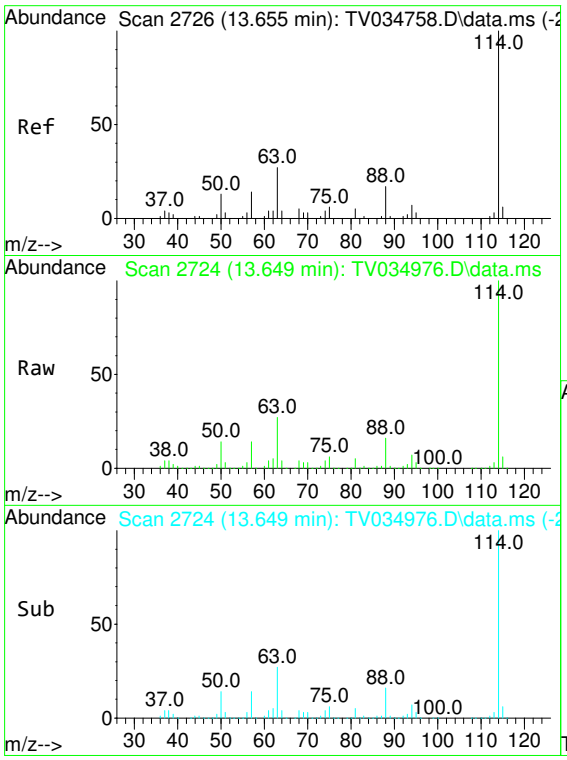


#38
n-Heptane
Concen: 0.41 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 36402

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	9.8	12.6	18.8#

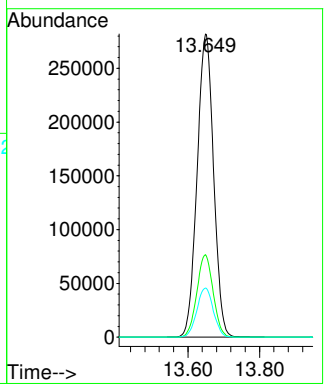


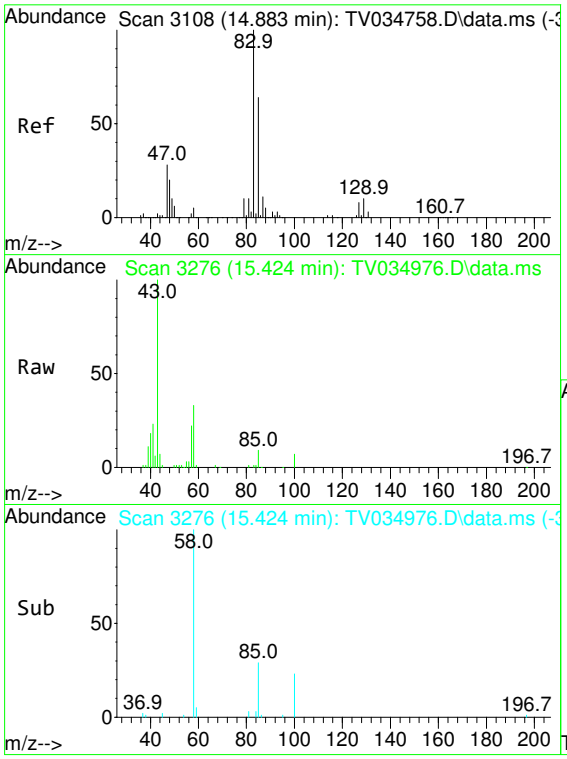


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.649 min Scan# 2724
Delta R.T. -0.040 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:114 Resp: 896439

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.3	11.2	23.2

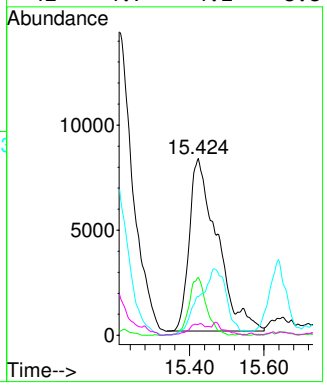


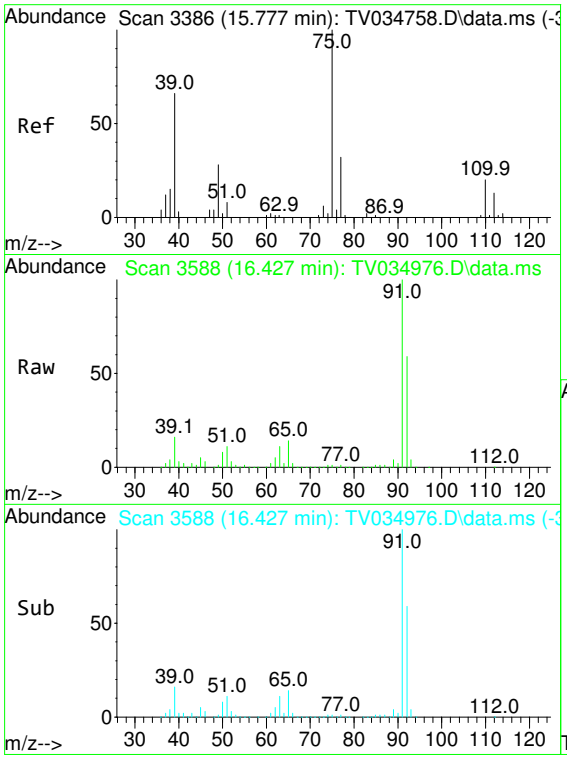


#45
Methyl Isobutyl Ketone
Concen: 0.43 ppbv
RT: 15.424 min Scan# 3276
Delta R.T. -0.030 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 42703

Ion	Ratio	Lower	Upper
43	100		
58	21.3	25.3	52.5#
57	0.0	16.1	33.5#
42	4.7	4.2	8.8

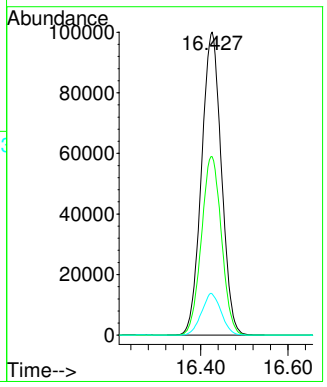


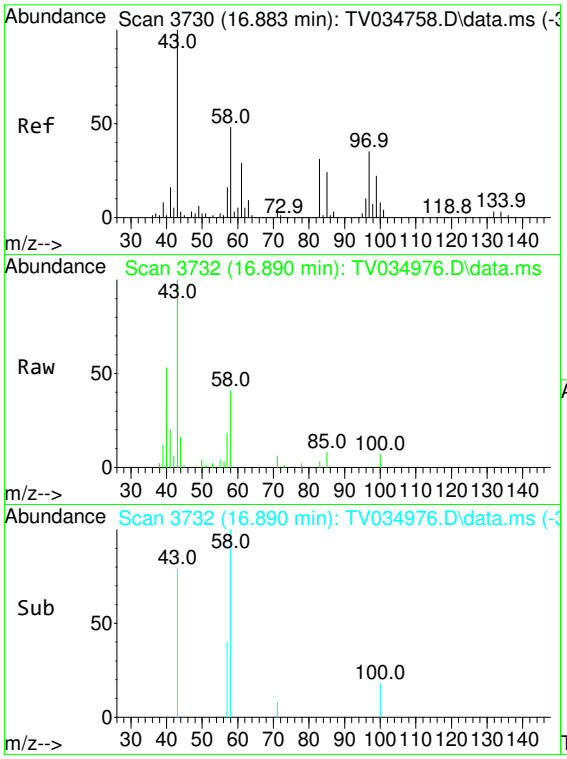


#47
Toluene
Concen: 3.20 ppbv
RT: 16.427 min Scan# 3588
Delta R.T. -0.041 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 91 Resp: 316064

Ion	Ratio	Lower	Upper
91	100		
92	59.5	39.0	81.0
65	13.7	7.7	16.1

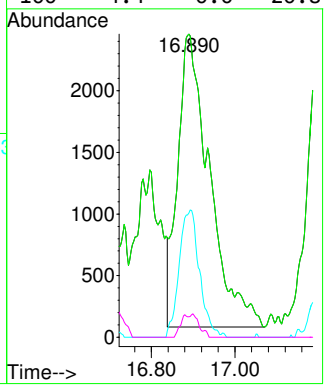


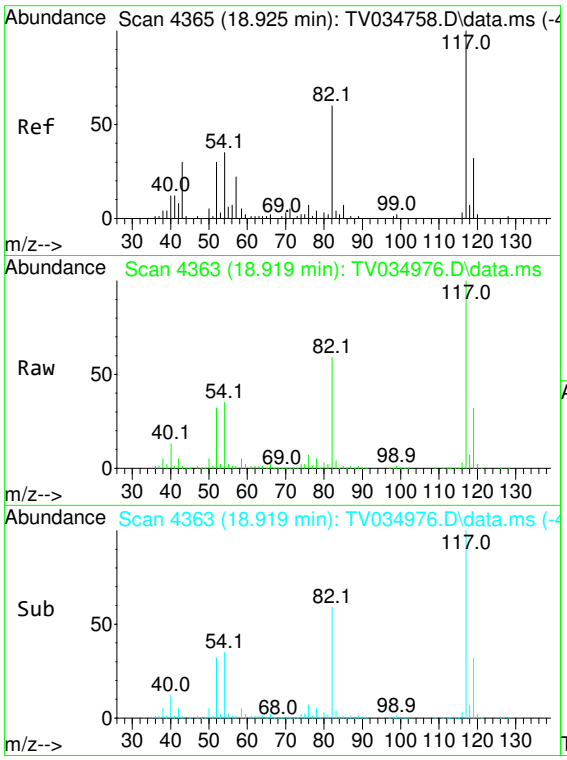


#50
2-Hexanone
Concen: 0.15 ppbv
RT: 16.890 min Scan# 3732
Delta R.T. -0.035 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 43 Resp: 12563

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	27.8	43.4	65.2#
100	4.4	0.0	20.8

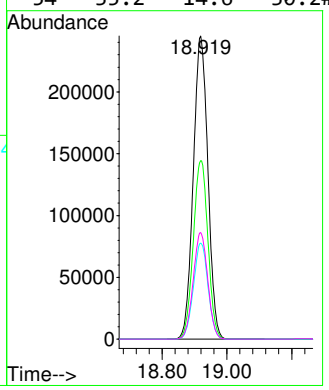


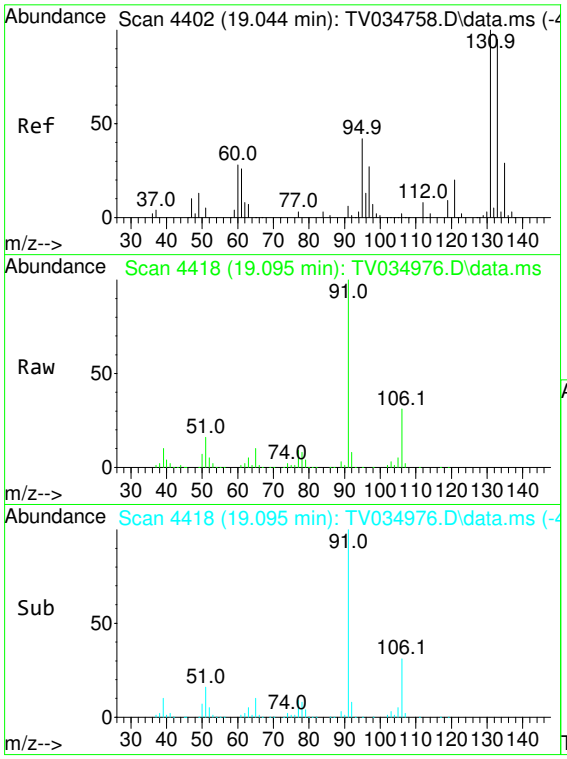


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.919 min Scan# 4363
Delta R.T. -0.043 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:117 Resp: 766759

Ion	Ratio	Lower	Upper
117	100		
82	59.4	38.7	80.5
119	31.9	20.3	42.3
54	35.2	14.6	30.2#

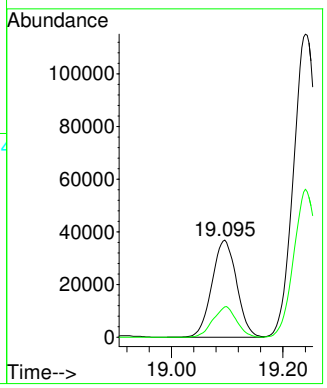


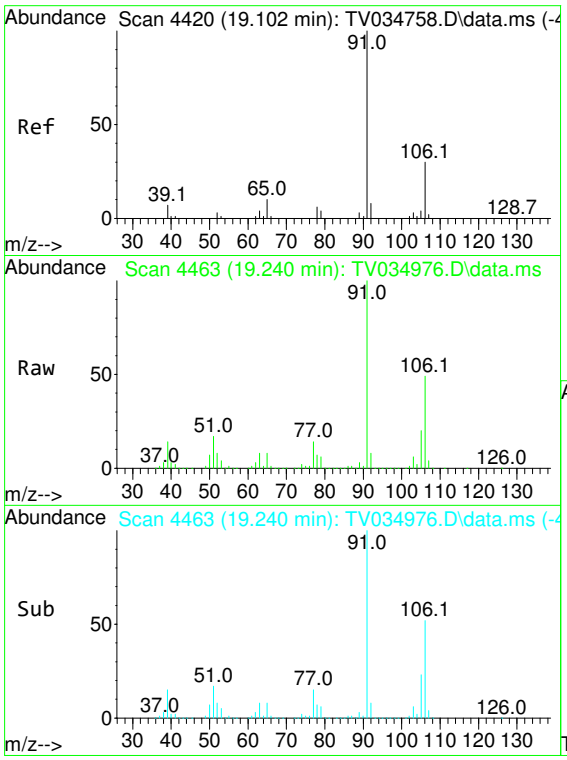


#58
Ethylbenzene
Concen: 0.90 ppbv
RT: 19.095 min Scan# 4418
Delta R.T. -0.040 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 91 Resp: 113713

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.3	42.3

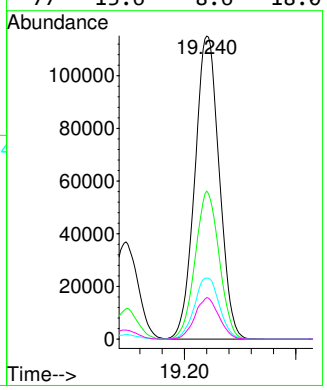


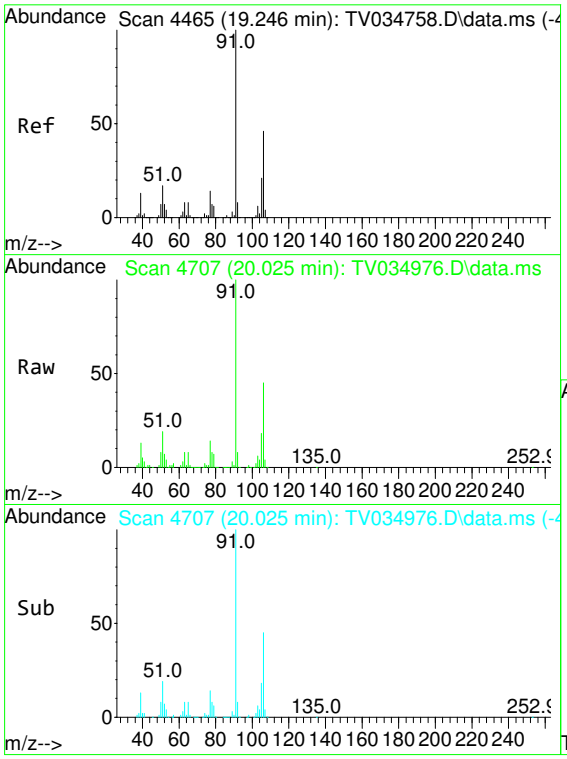


#59
p- & m- Xylenes
Concen: 3.54 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 91 Resp: 349419

Ion	Ratio	Lower	Upper
91	100		
106	48.2	31.0	64.4
105	20.8	13.4	27.8
77	13.6	8.6	18.0

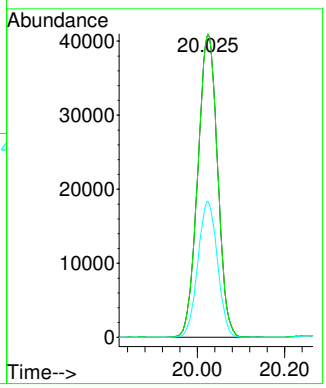


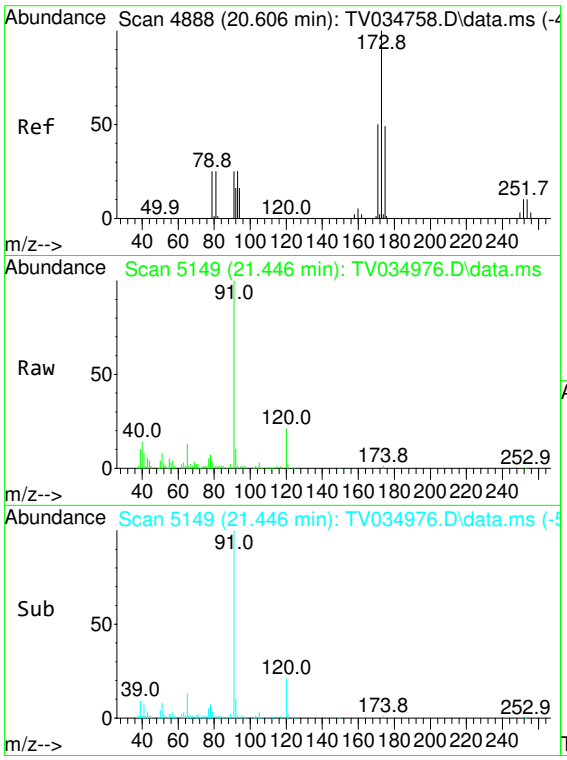


#60
o-Xylene
Concen: 1.26 ppbv
RT: 20.025 min Scan# 4707
Delta R.T. -0.041 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 91 Resp: 128731

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.4	36.9	55.3

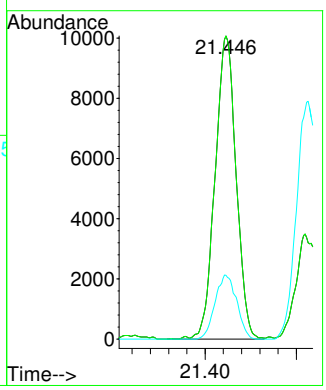


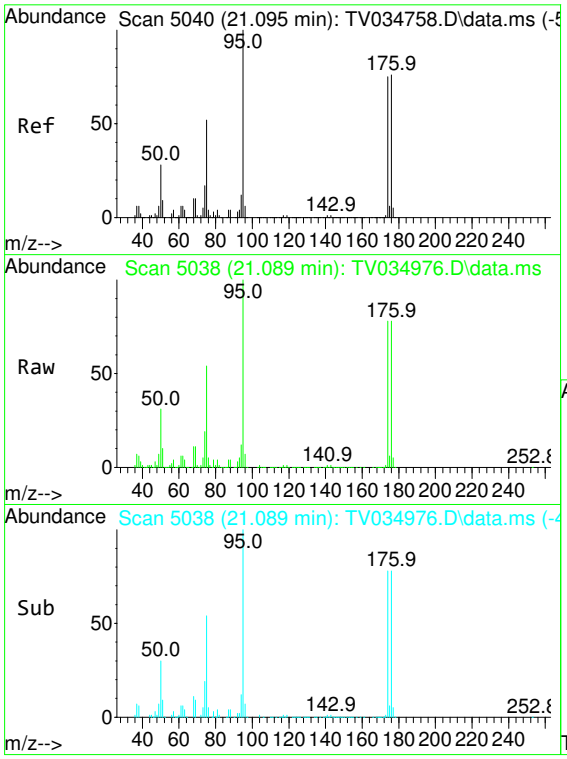


#63
n-Propylbenzene
Concen: 0.19 ppbv
RT: 21.446 min Scan# 5149
Delta R.T. -0.042 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 91 Resp: 32234

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	21.7	11.0	33.0

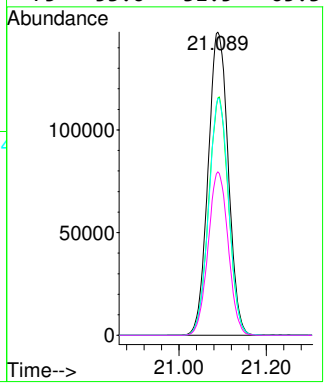


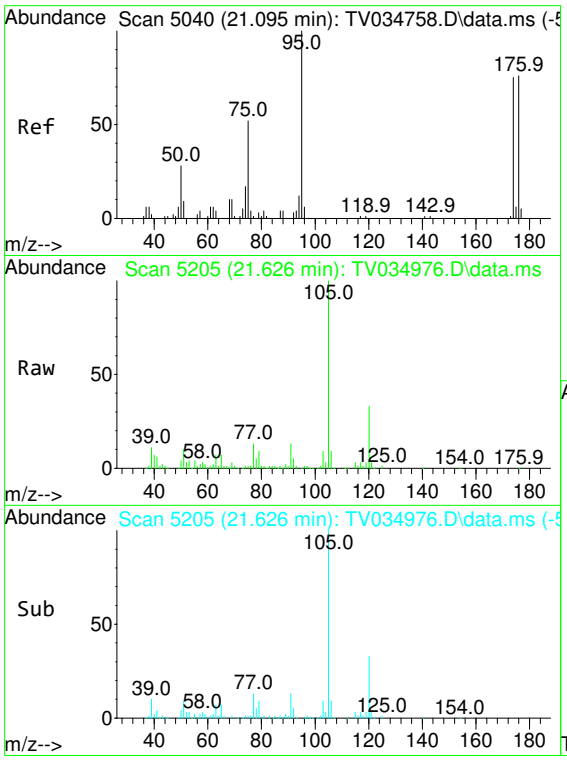


#66
p-Bromofluorobenzene
Concen: 8.40 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion: 95 Resp: 473185

Ion	Ratio	Lower	Upper
95	100		
174	77.1	50.0	103.8
176	77.4	48.2	100.2
75	53.6	31.5	65.3

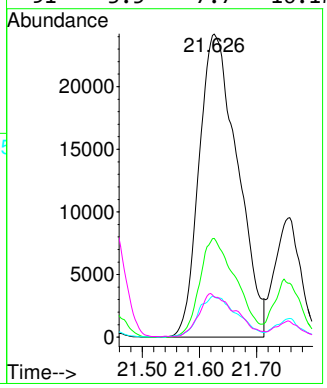


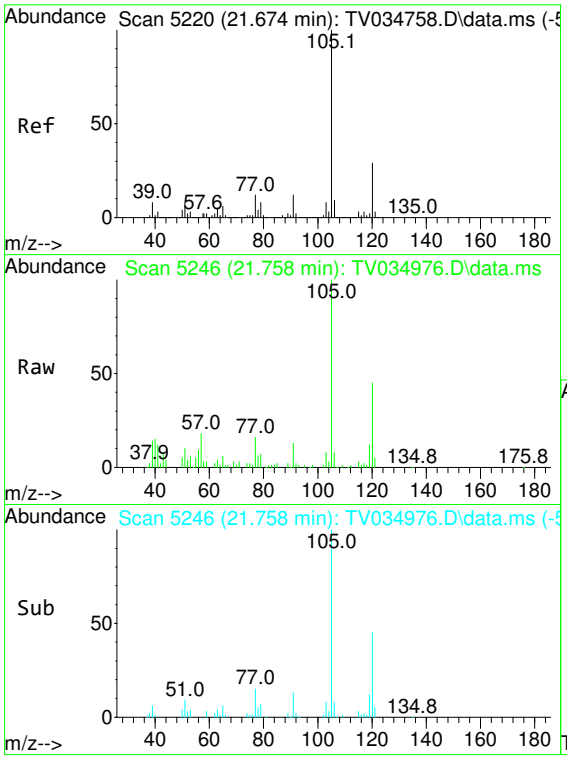


#67
4-Ethyltoluene
Concen: 0.84 ppbv m
RT: 21.626 min Scan# 5205
Delta R.T. -0.085 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:105 Resp: 112935

Ion	Ratio	Lower	Upper
105	100		
120	12.9	17.2	35.6#
77	4.0	7.6	15.8#
91	3.5	7.7	16.1#

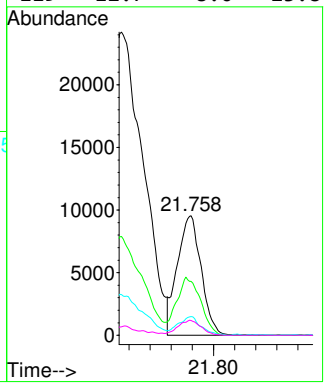


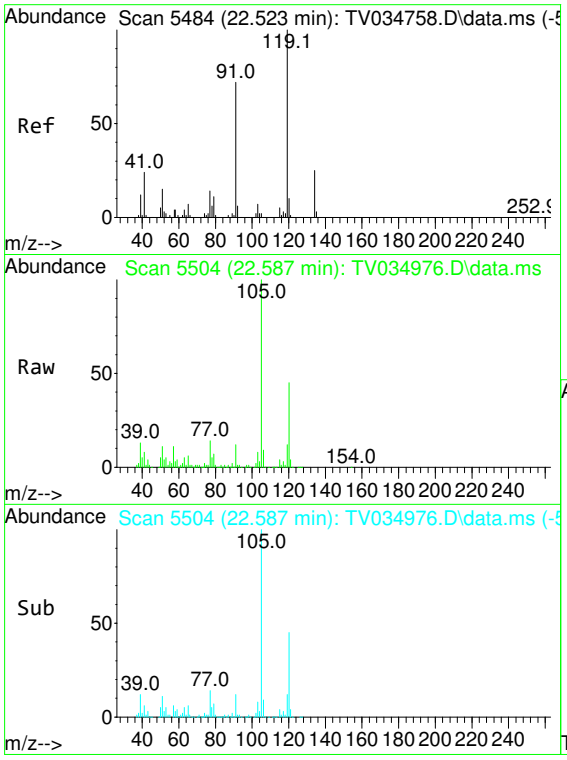


#68
1,3,5-Trimethylbenzene
Concen: 0.26 ppbv
RT: 21.758 min Scan# 5246
Delta R.T. -0.041 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:105 Resp: 29903

Ion	Ratio	Lower	Upper
105	100		
120	48.6	43.4	65.2
77	15.1	10.8	16.2
119	12.7	8.0	23.8

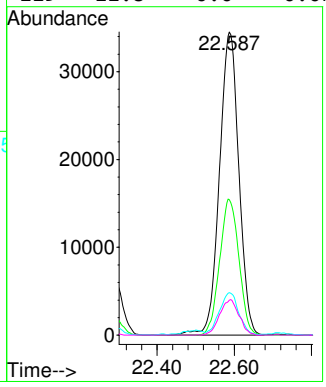




#70
1,2,4-Trimethylbenzene
Concen: 1.03 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034976.D
Acq: 31 Jan 2026 02:33 am

Tgt Ion:105 Resp: 120295

Ion	Ratio	Lower	Upper
105	100		
120	44.7	29.0	60.2
77	14.0	8.2	17.0
119	11.8	0.0	0.0#



Sample Information

Client Sample ID: **SSV-3 20260122** **Sample ID:** **26A1103-05RE1**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 5:04 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
67-64-1	**Acetone**	350		D	ug/m³	82	6.92	EPA TO-15	1/30/26 11:46	1/31/26 07:07	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034982.D
Acq On : 31 Jan 2026 07:07 am
Operator : YR
Sample : 26A1103-05RE1
Misc : QBTO3091525A 4X
ALS Vial : 12 Sample Multiplier: 6.92
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:46 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

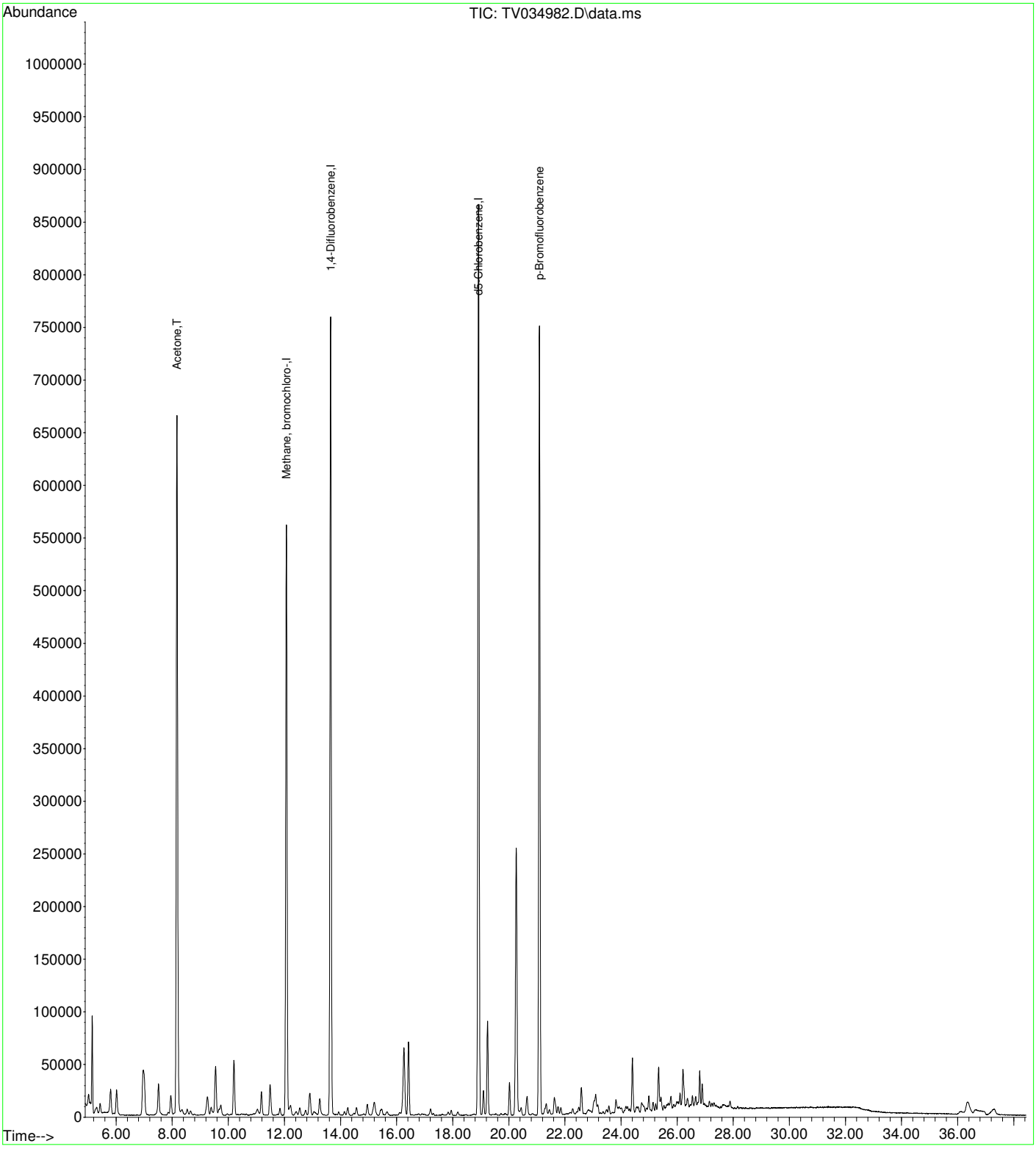
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	656833	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.645	114	927547	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.915	117	780453	10.00	ppbv	#-0.05
Target Compounds						Qvalue
15) Acetone	8.166	43	1508418	21.03	ppbv	93
66) p-Bromofluorobenzene	21.089	95	454000	7.92	ppbv	96

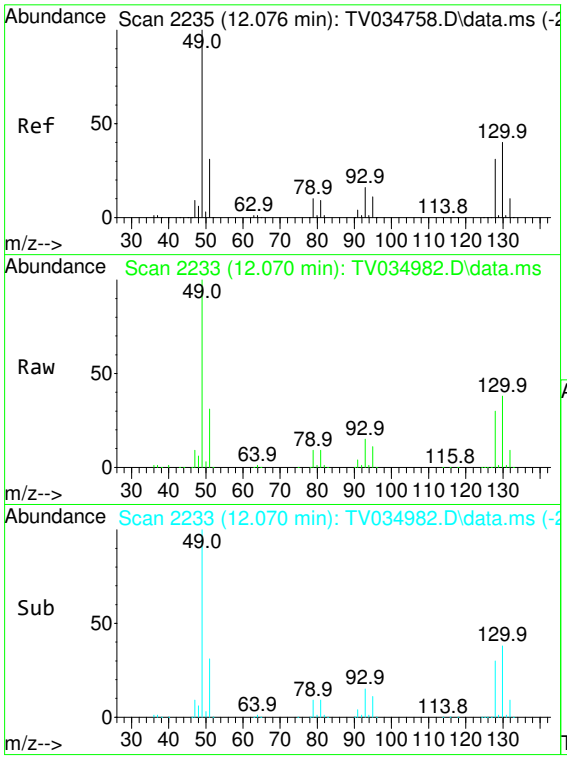
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034982.D
Acq On : 31 Jan 2026 07:07 am
Operator : YR
Sample : 26A1103-05RE1
Misc : QBTO3091525A 4X
ALS Vial : 12 Sample Multiplier: 6.92
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:46 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

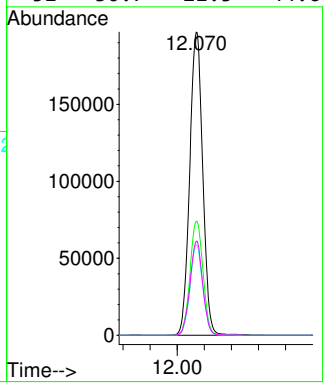


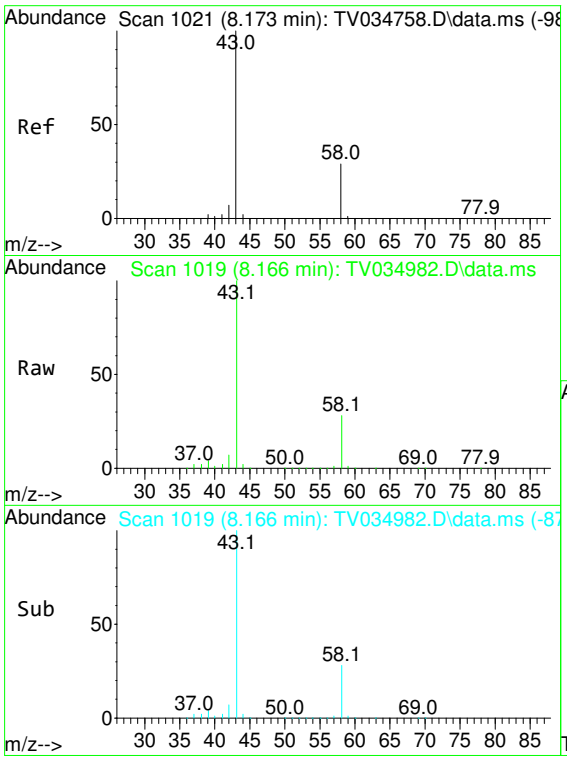


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034982.D
Acq: 31 Jan 2026 07:07 am

Tgt Ion: 49 Resp: 656833

Ion	Ratio	Lower	Upper
49	100		
130	37.7	44.5	92.3#
128	29.3	34.7	72.1#
51	30.7	21.5	44.6

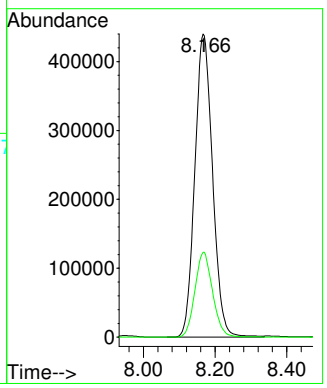


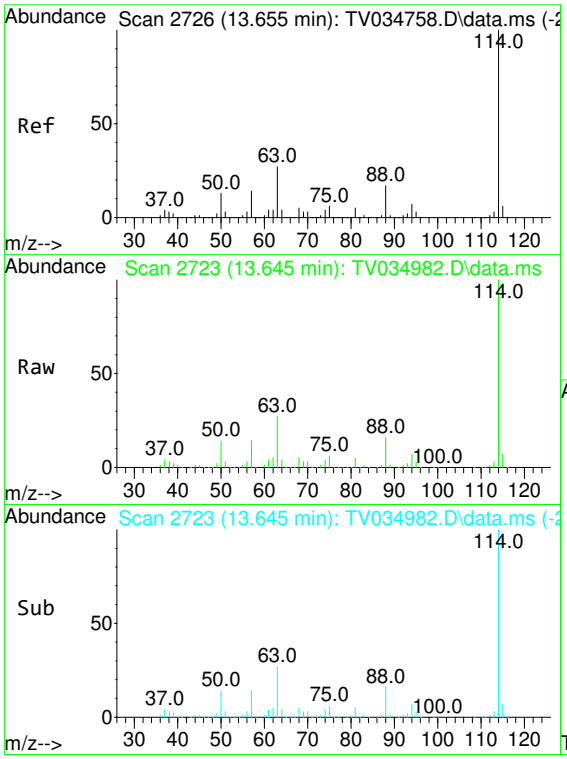


#15
Acetone
Concen: 21.03 ppbv
RT: 8.166 min Scan# 1019
Delta R.T. -0.035 min
Lab File: TV034982.D
Acq: 31 Jan 2026 07:07 am

Tgt Ion: 43 Resp: 1508418

Ion	Ratio	Lower	Upper
43	100		
58	28.1	20.7	42.9

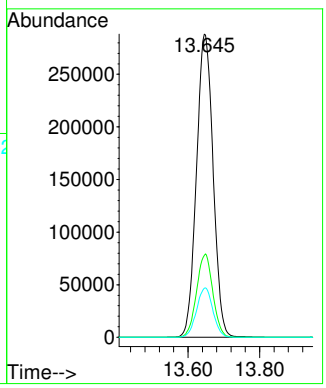


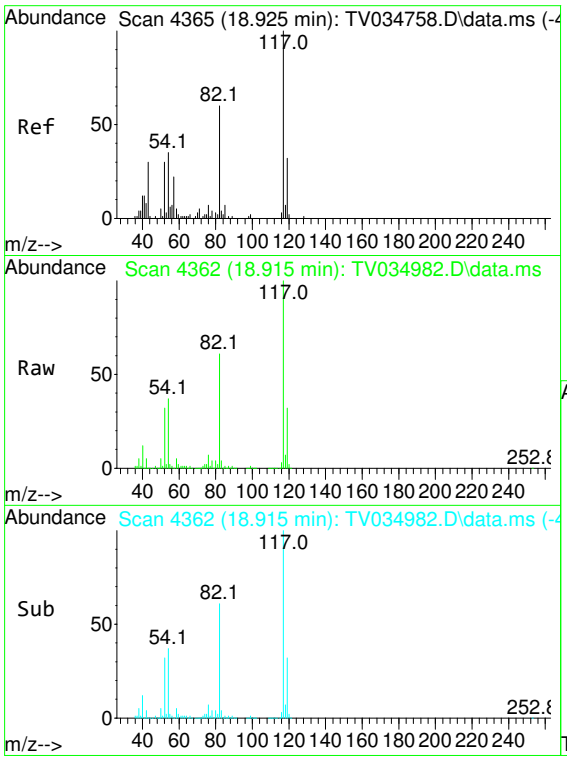


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034982.D
Acq: 31 Jan 2026 07:07 am

Tgt Ion:114 Resp: 927547

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.1	11.2	23.2

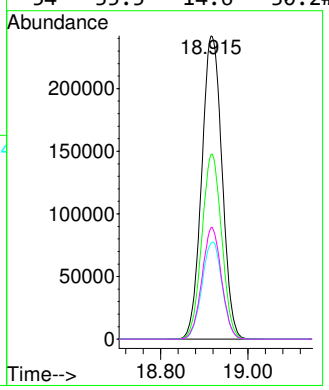


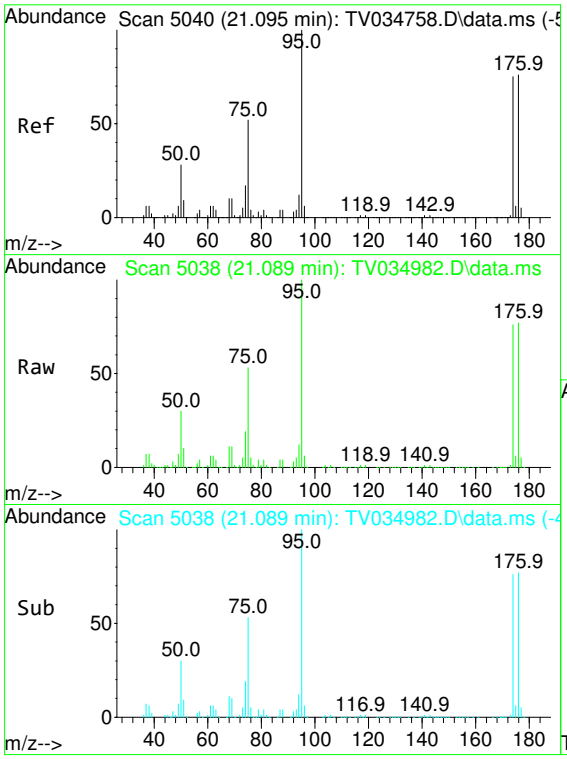


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.915 min Scan# 4362
Delta R.T. -0.047 min
Lab File: TV034982.D
Acq: 31 Jan 2026 07:07 am

Tgt Ion:117 Resp: 780453

Ion	Ratio	Lower	Upper
117	100		
82	59.6	38.7	80.5
119	31.9	20.3	42.3
54	35.5	14.6	30.2#

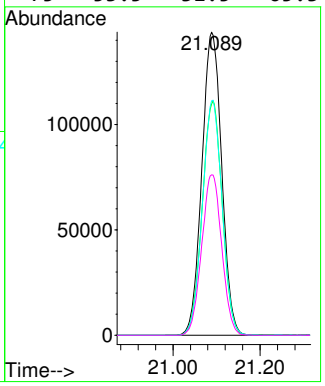




#66
p-Bromofluorobenzene
Concen: 7.92 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034982.D
Acq: 31 Jan 2026 07:07 am

Tgt Ion: 95 Resp: 454000

Ion	Ratio	Lower	Upper
95	100		
174	77.7	50.0	103.8
176	77.2	48.2	100.2
75	53.5	31.5	65.3



Sample Information

Client Sample ID: AI-3 20260122 **Sample ID: 26A1103-06**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 3:54 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	2.3		D	ug/m³	0.18	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.18	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	4.1	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.53	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.42	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.53	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	0.59	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.42	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.31	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.15	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	29	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.69		D	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	0.60	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.47	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.31	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.36	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.54	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
106-99-0	**1,3-Butadiene**	0.58		D	ug/m³	0.51	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.47	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.36	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.47	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	1.4	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
78-93-3	2-Butanone	ND		J	ug/m³	11	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	0.63	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	1.2	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.32	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
67-64-1	**Acetone**	22		D	ug/m³	9.2	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	8.4	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
71-43-2	**Benzene**	1.3		D	ug/m³	0.25	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	10	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.52	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-25-2	Bromoform	ND		U	ug/m³	0.80	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.30	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.24	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Sample Information

Client Sample ID: **AI-3 20260122** **Sample ID:** **26A1103-06**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 3:54 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.98		D	ug/m³	0.15	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.36	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.20	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
67-66-3	**Chloroform**	0.38		D	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
74-87-3	**Chloromethane**	1.2		D	ug/m³	0.16	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.15	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.35	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
110-82-7	**Cyclohexane**	0.64		D	ug/m³	0.27	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	0.66	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-71-8	**Dichlorodifluoromethane**	1.7		D	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	14	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
100-41-4	**Ethyl Benzene**	0.71		D	ug/m³	0.34	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	0.83	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
67-63-0	**Isopropanol**	6.5		D	ug/m³	1.1	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.32	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.28	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-09-2	Methylene chloride	ND		J	ug/m³	1.6	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.43	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
142-82-5	**n-Heptane**	2.4		D	ug/m³	0.32	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
110-54-3	**n-Hexane**	6.5		D	ug/m³	0.27	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
103-65-1	* n-Propylbenzene	ND		U	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
95-47-6	**o-Xylene**	0.84		D	ug/m³	0.34	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
179601-23-1	**p- & m- Xylenes**	2.2	A-01	D	ug/m³	0.67	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
622-96-8	*** p-Ethyltoluene**	0.57		D	ug/m³	0.38	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.43	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
115-07-1	*** Propylene**	2.5		D	ug/m³	0.13	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.43	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
100-42-5	Styrene	ND		U	ug/m³	0.33	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.43	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	0.53	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
109-99-9	*** Tetrahydrofuran**	1.8		D	ug/m³	0.46	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
108-88-3	**Toluene**	4.8		D	ug/m³	0.29	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.31	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.35	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Sample Information

Client Sample ID: AI-3 20260122 **Sample ID: 26A1103-06**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 3:54 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.12	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.44	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.27	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.34	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.099	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR
1330-20-7	**Xylenes, Total**	3.0		D	ug/m³	1.0	0.775	EPA TO-15	1/30/26 11:46	1/31/26 03:19	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034977.D
Acq On : 31 Jan 2026 03:19 am
Operator : YR
Sample : 26A1103-06
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.775
InstName : TO15_AIR3

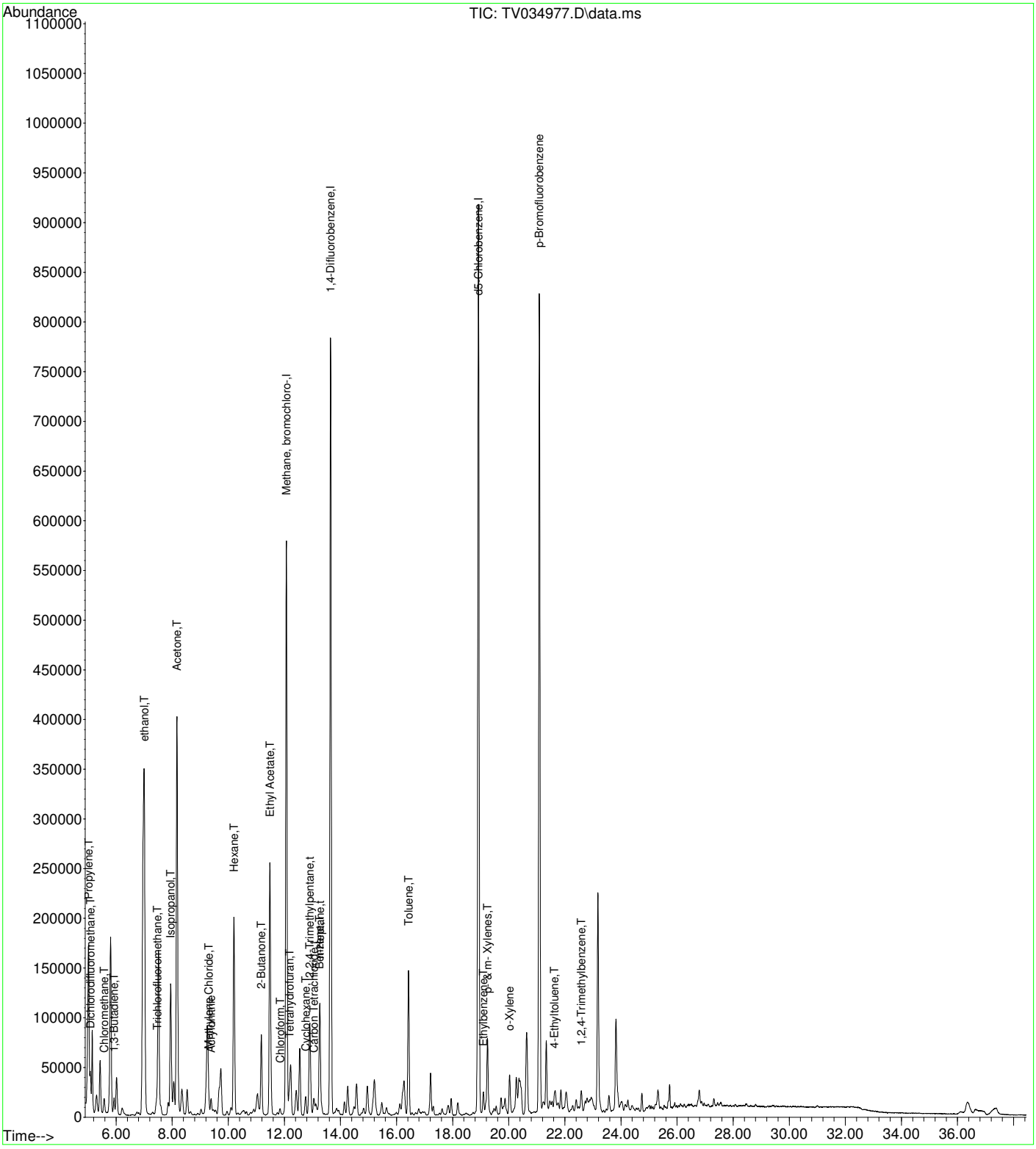
Quant Time: Jan 31 08:33:57 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

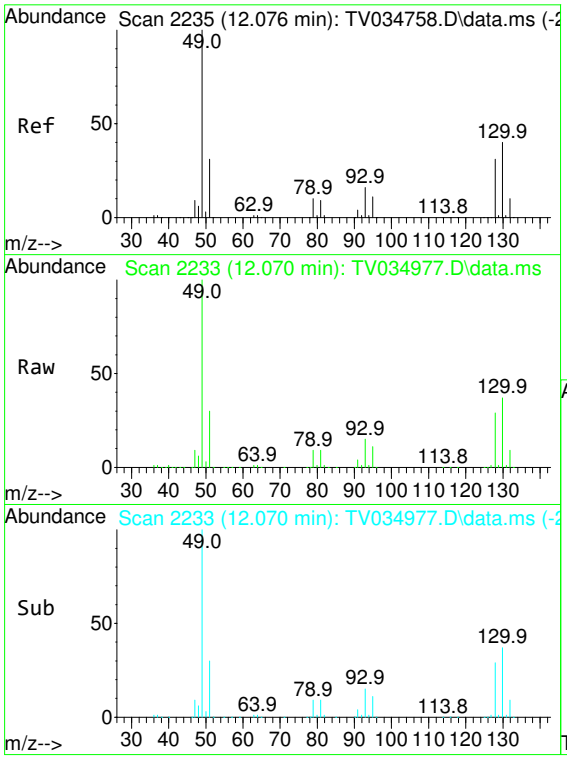
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	673993	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.645	114	954340	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.919	117	808479	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.012	42	52661	1.91	ppbv	#	66
3) Dichlorodifluoromethane	5.086	85	39328	0.45	ppbv	#	92
5) Chloromethane	5.572	50	31054	0.74	ppbv		99
7) 1,3-Butadiene	5.925	54	12167	0.34	ppbv		98
10) ethanol	7.006	45	588051	25.28	ppbv		88
12) Trichlorofluoromethane	7.466	101	20443	0.23	ppbv		98
13) Isopropanol	7.945	45	316098	3.40	ppbv		100
15) Acetone	8.167	43	878374	11.94	ppbv		95
19) Methylene Chloride	9.308	49	10234	0.18	ppbv	#	74
20) Acrylonitrile	9.385	53	22631	0.54	ppbv	#	100
24) Hexane	10.202	57	165409	2.37	ppbv		91
27) 2-Butanone	11.176	43	190003	1.87	ppbv	#	83
28) Ethyl Acetate	11.482	43	522497	4.47	ppbv	#	93
30) Chloroform	11.848	83	7518	0.10	ppbv	#	92
31) Tetrahydrofuran	12.186	42	47854	0.80	ppbv	#	61
33) Cyclohexane	12.758	56	17911	0.24	ppbv	#	77
34) 2,2,4-Trimethylpentane	12.903	57	138831	0.63	ppbv	#	83
35) Carbon Tetrachloride	13.047	117	16544	0.20	ppbv	#	92
37) Benzene	13.250	78	48964	0.52	ppbv	#	100
38) n-Heptane	13.266	43	69374	0.74	ppbv	#	95
47) Toluene	16.427	91	173142	1.65	ppbv		98
58) Ethylbenzene	19.092	91	28524	0.21	ppbv		98
59) p- & m- Xylenes	19.243	91	67640	0.65	ppbv		98
60) o-Xylene	20.021	91	26865	0.25	ppbv		99
66) p-Bromofluorobenzene	21.089	95	505441	8.51	ppbv		97
67) 4-Ethyltoluene	21.623	105	20749m	0.15	ppbv		
70) 1,2,4-Trimethylbenzene	22.587	105	22514	0.18	ppbv	#	98

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034977.D
Acq On : 31 Jan 2026 03:19 am
Operator : YR
Sample : 26A1103-06
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.775
InstName : TO15_AIR3

Quant Time: Jan 31 08:33:57 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

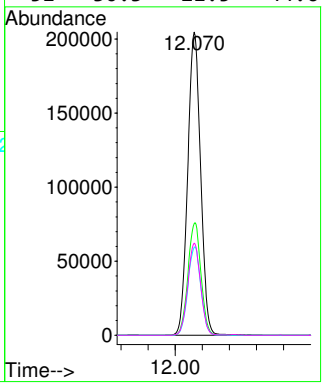


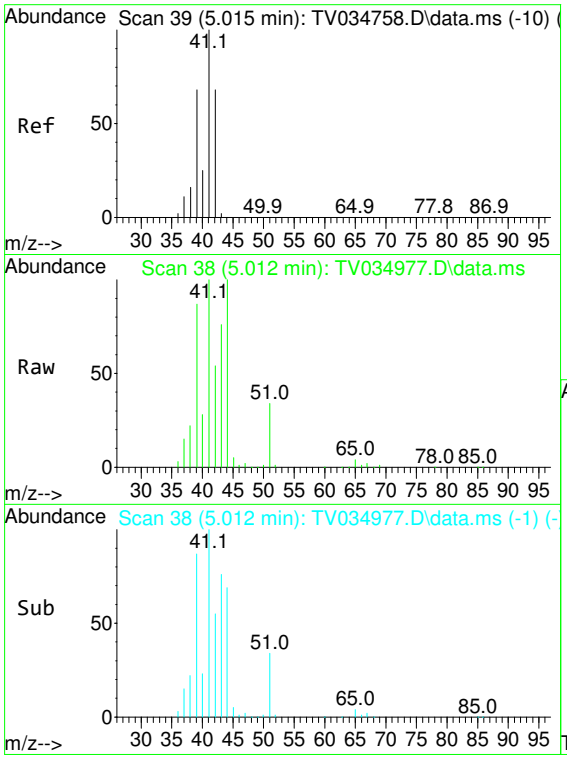


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 49 Resp: 673993

Ion	Ratio	Lower	Upper
49	100		
130	37.7	44.5	92.3#
128	29.4	34.7	72.1#
51	30.3	21.5	44.6

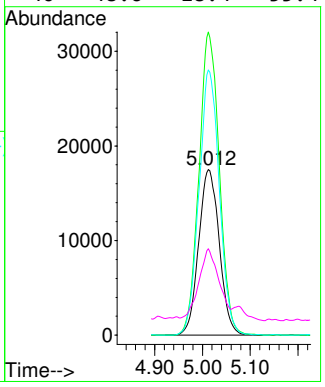


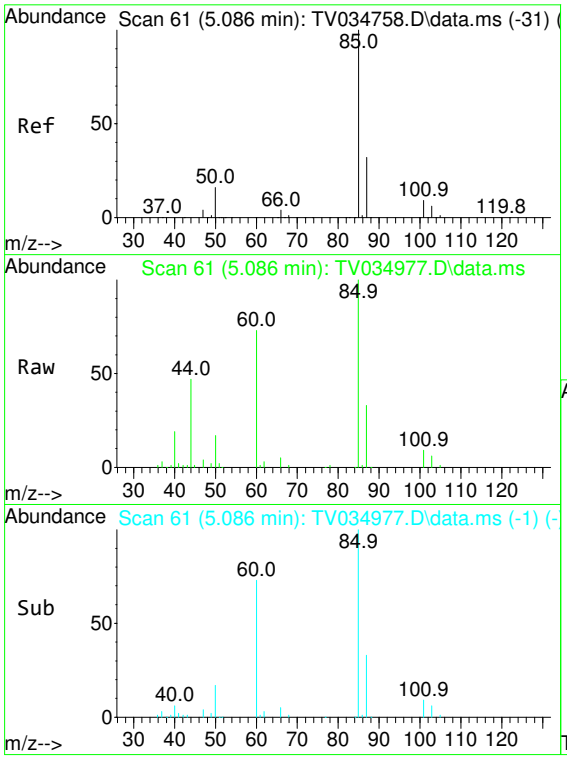


#2
Propylene
Concen: 1.91 ppbv
RT: 5.012 min Scan# 38
Delta R.T. -0.029 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 42 Resp: 52661

Ion	Ratio	Lower	Upper
42	100		
41	179.8	88.9	207.5
39	157.8	52.2	156.6#
40	48.6	18.4	55.4

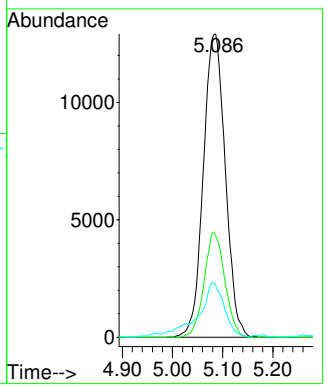


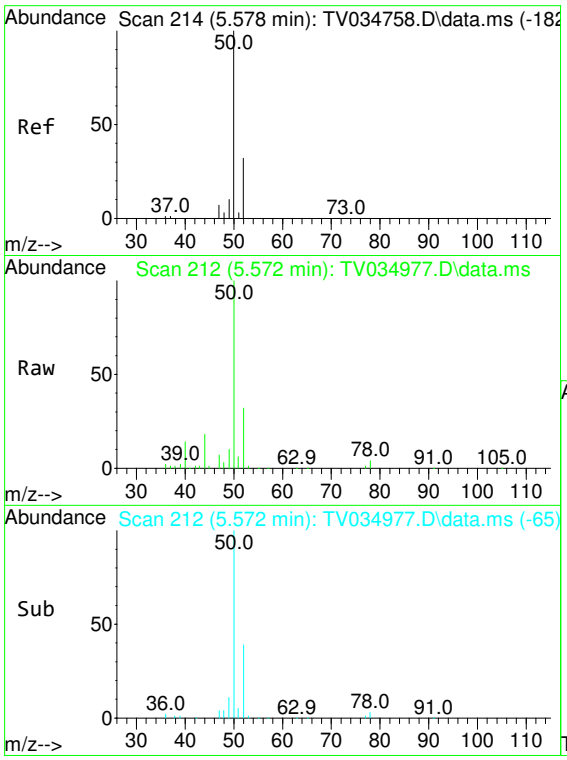


#3
Dichlorodifluoromethane
Concen: 0.45 ppbv
RT: 5.086 min Scan# 61
Delta R.T. -0.026 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 85 Resp: 39328

Ion	Ratio	Lower	Upper
85	100		
87	32.7	21.0	43.6
50	22.2	6.8	14.2#

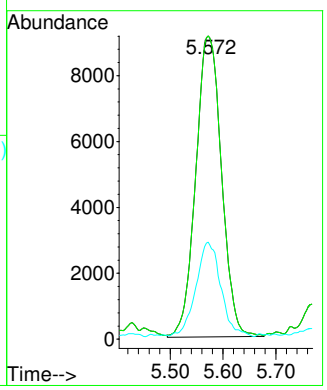


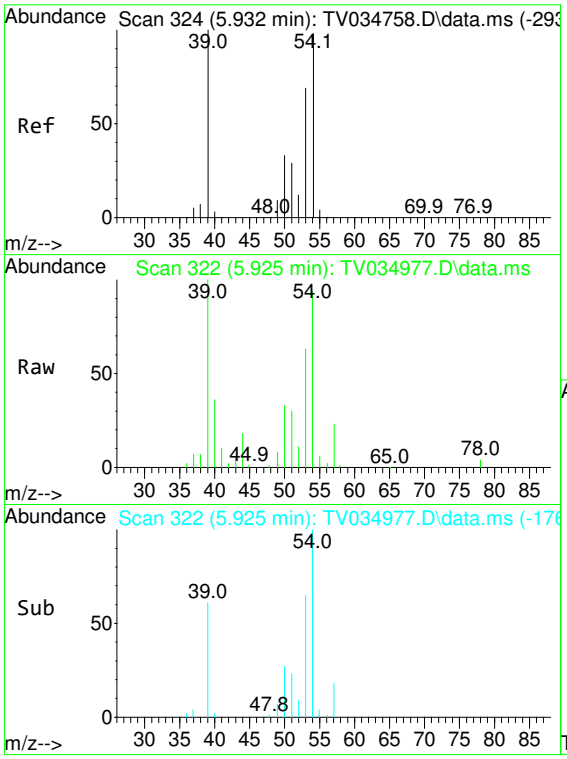


#5
Chloromethane
Concen: 0.74 ppbv
RT: 5.572 min Scan# 212
Delta R.T. -0.027 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 50 Resp: 31054

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	30.4	16.5	49.5

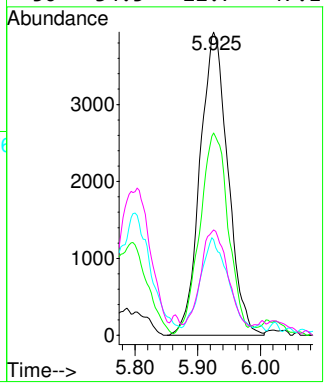


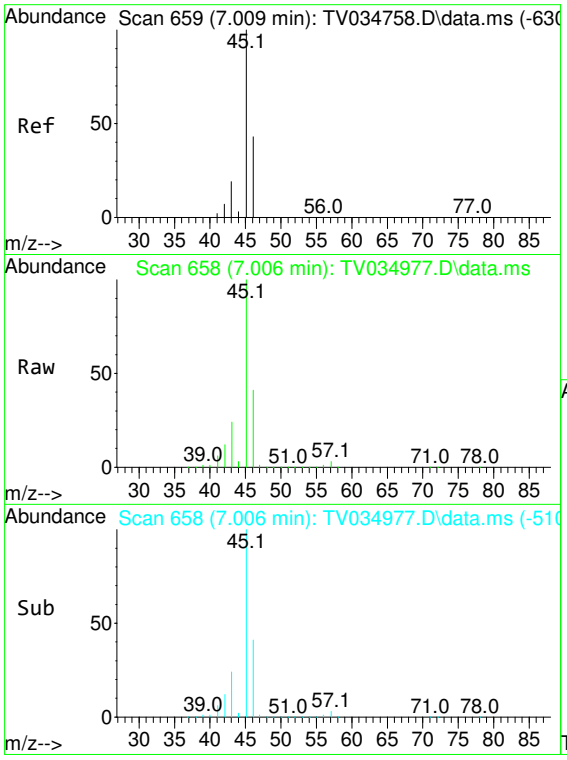


#7
1,3-Butadiene
Concen: 0.34 ppbv
RT: 5.925 min Scan# 322
Delta R.T. -0.031 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 54 Resp: 12167

Ion	Ratio	Lower	Upper
54	100		
53	69.3	43.4	90.2
51	29.3	19.9	41.3
50	34.5	22.7	47.1

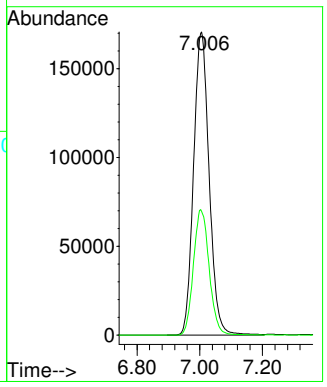


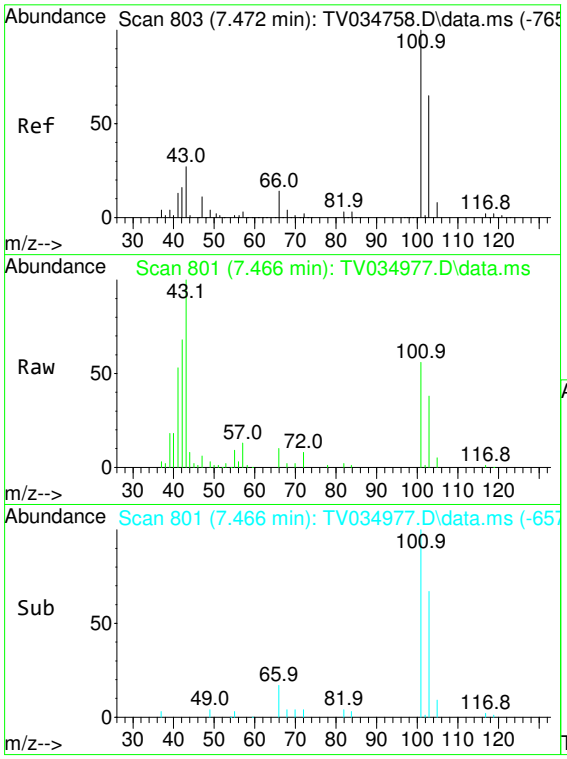


#10
ethanol
Concen: 25.28 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 45 Resp: 588051

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

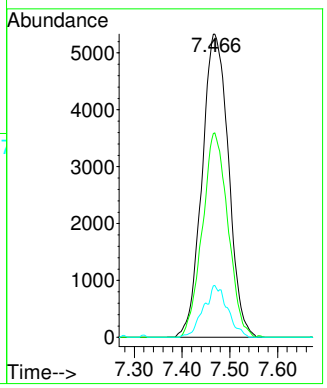


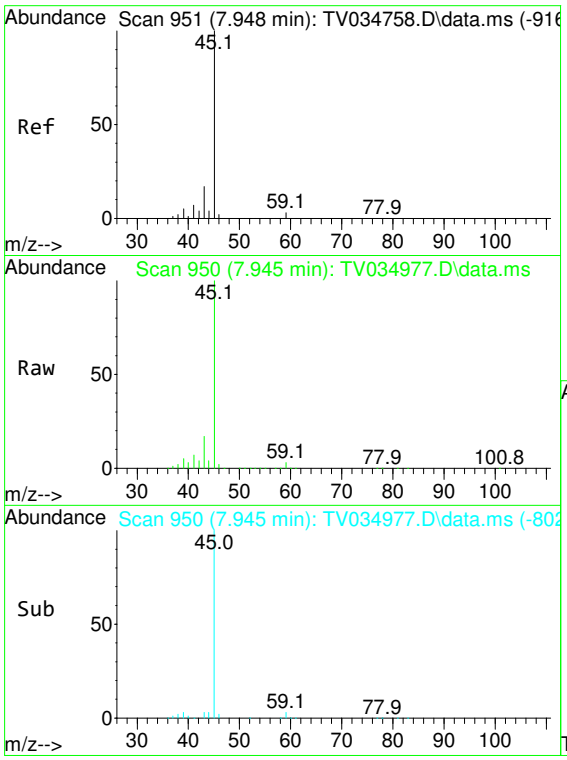


#12
Trichlorofluoromethane
Concen: 0.23 ppbv
RT: 7.466 min Scan# 801
Delta R.T. -0.036 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:101 Resp: 20443

Ion	Ratio	Lower	Upper
101	100		
103	65.4	42.4	88.0
66	15.6	7.9	16.5

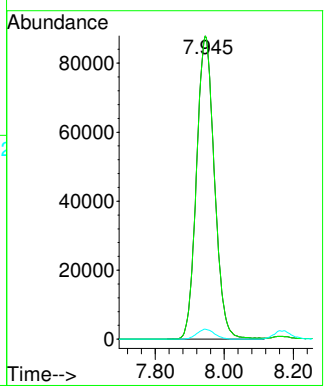


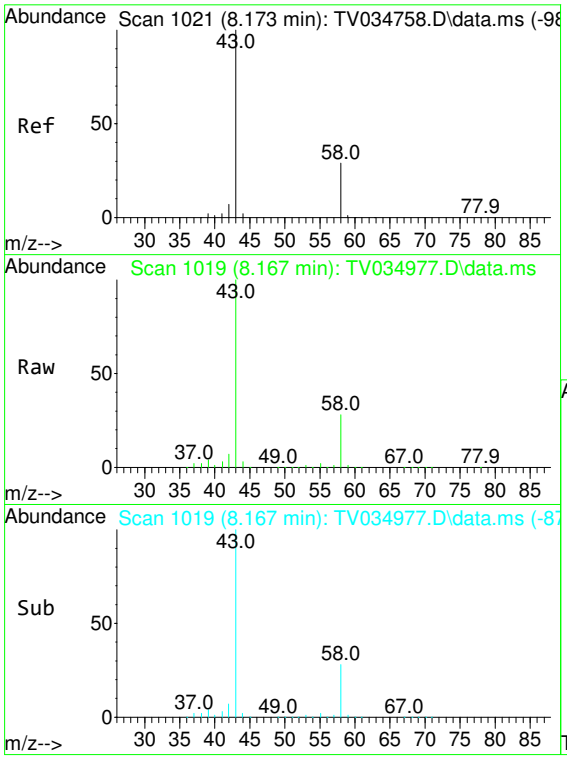


#13
Isopropanol
Concen: 3.40 ppbv
RT: 7.945 min Scan# 950
Delta R.T. -0.024 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 45 Resp: 316098

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.3	0.0	8.4

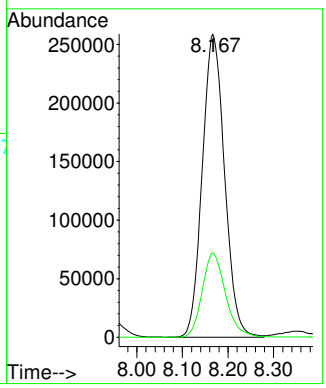


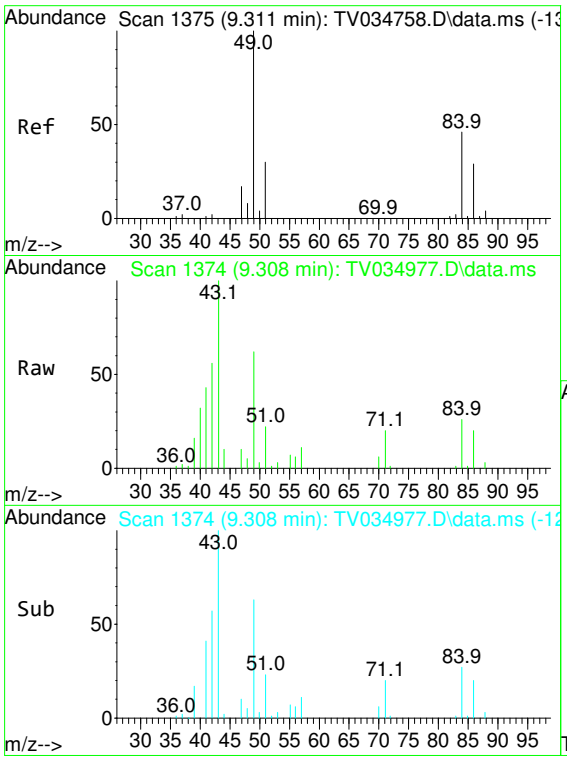


#15
Acetone
Concen: 11.94 ppbv
RT: 8.167 min Scan# 1019
Delta R.T. -0.034 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 43 Resp: 878374

Ion	Ratio	Lower	Upper
43	100		
58	29.2	20.7	42.9

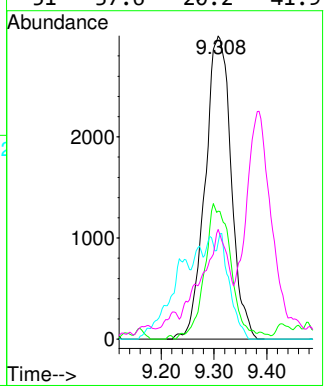


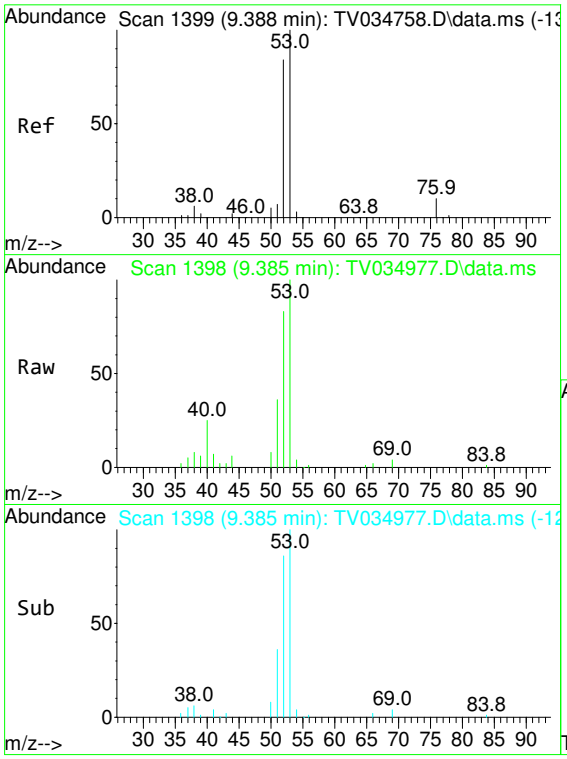


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.308 min Scan# 1374
Delta R.T. -0.037 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 49 Resp: 10234

Ion	Ratio	Lower	Upper
49	100		
84	46.3	50.1	104.0#
86	63.3	32.2	66.8
51	37.6	20.2	41.9

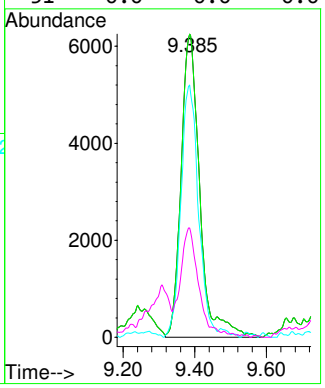


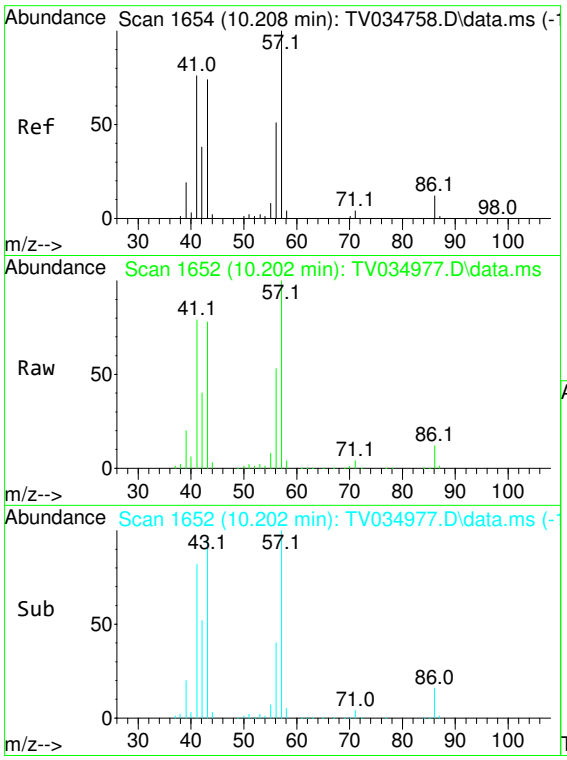


#20
Acrylonitrile
Concen: 0.54 ppbv
RT: 9.385 min Scan# 1398
Delta R.T. -0.036 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 53 Resp: 22631

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

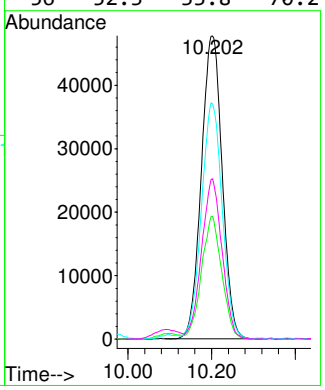


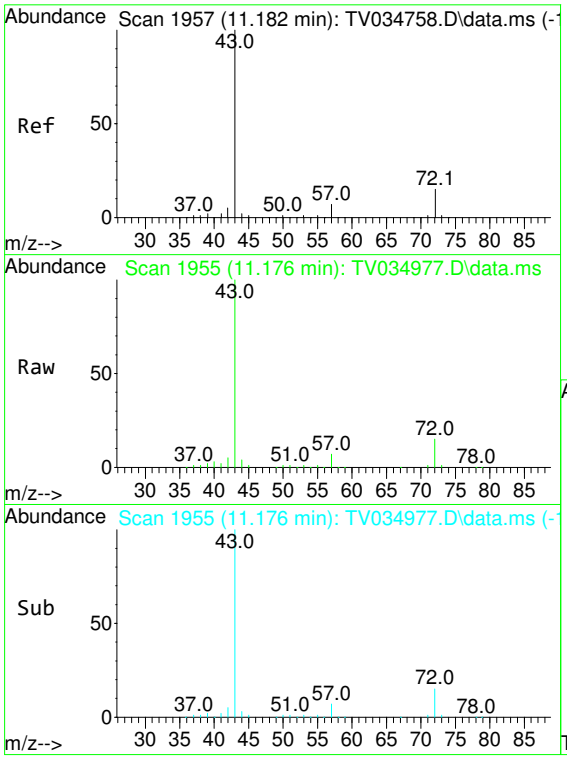


#24
Hexane
Concen: 2.37 ppbv
RT: 10.202 min Scan# 1652
Delta R.T. -0.032 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 57 Resp: 165409

Ion	Ratio	Lower	Upper
57	100		
42	39.4	22.2	46.0
43	78.3	42.9	89.1
56	52.3	33.8	70.2

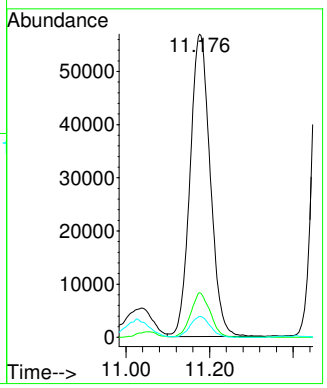


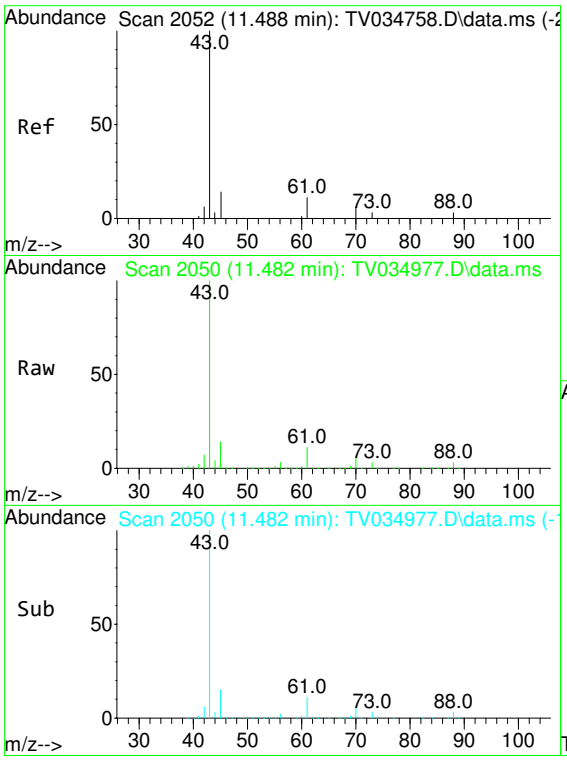


#27
2-Butanone
Concen: 1.87 ppbv
RT: 11.176 min Scan# 1955
Delta R.T. -0.036 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 43 Resp: 190003

Ion	Ratio	Lower	Upper
43	100		
72	14.3	16.4	34.2#
57	6.9	5.0	10.4

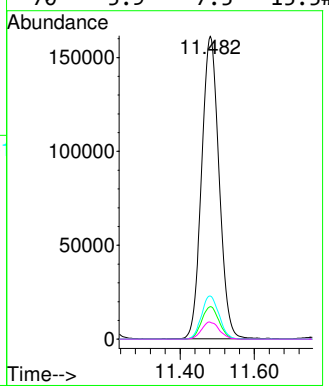


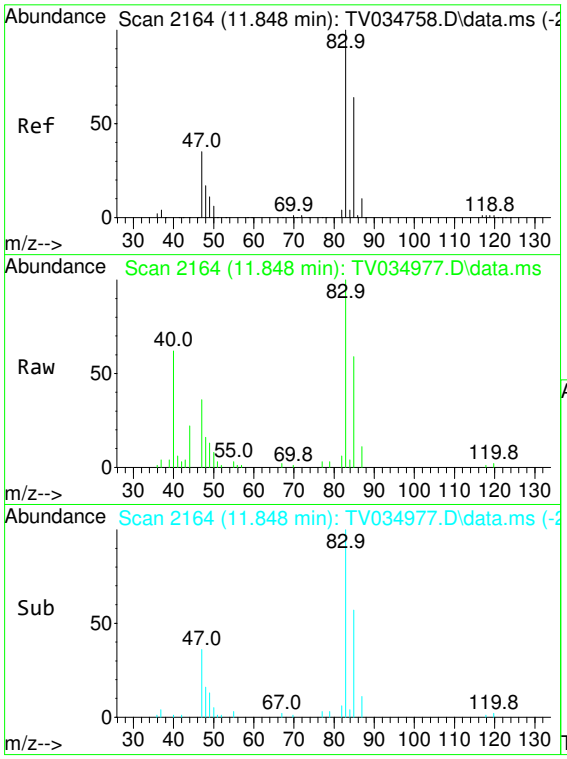


#28
Ethyl Acetate
Concen: 4.47 ppbv
RT: 11.482 min Scan# 2050
Delta R.T. -0.037 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 43 Resp: 522497

Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.2	19.2
45	14.5	9.4	19.6
70	5.9	7.5	15.5#

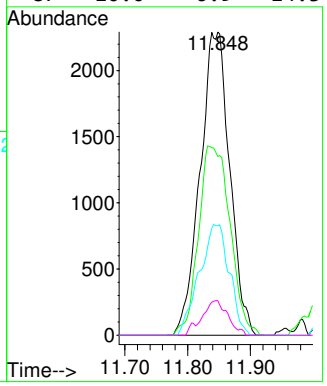


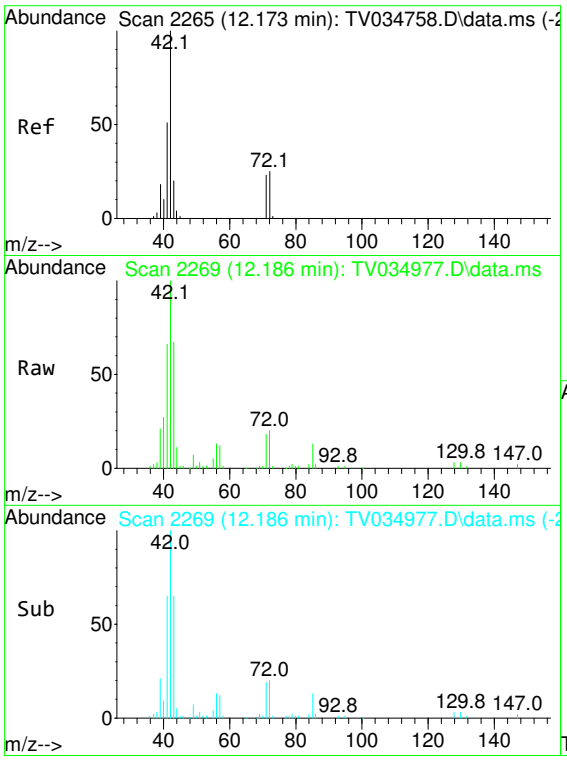


#30
Chloroform
Concen: 0.10 ppbv
RT: 11.848 min Scan# 2164
Delta R.T. -0.034 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 83 Resp: 7518

Ion	Ratio	Lower	Upper
83	100		
85	66.3	42.2	87.6
47	36.8	14.8	30.8#
87	10.0	6.9	14.3

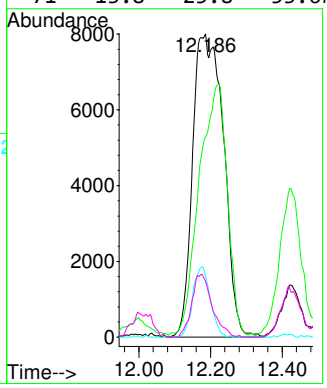


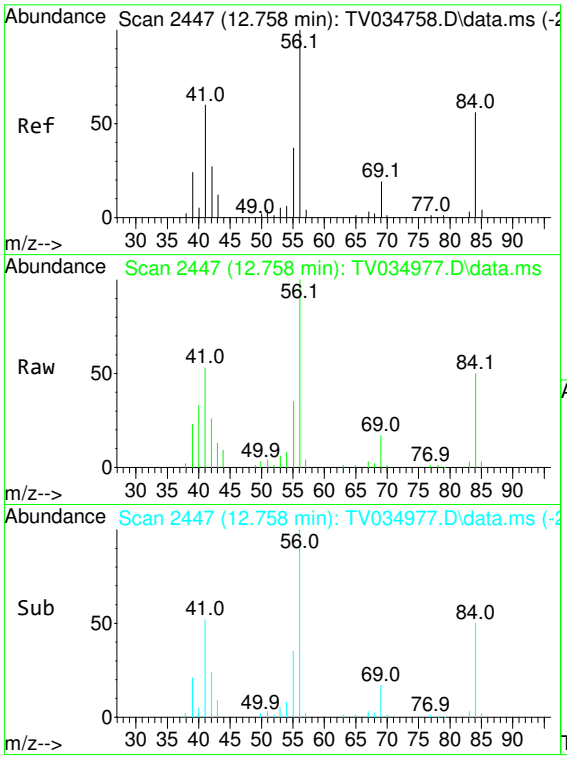


#31
Tetrahydrofuran
Concen: 0.80 ppbv
RT: 12.186 min Scan# 2269
Delta R.T. -0.016 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 42 Resp: 47854

Ion	Ratio	Lower	Upper
42	100		
41	74.9	34.5	71.7#
72	13.1	27.4	56.8#
71	13.8	25.8	53.6#

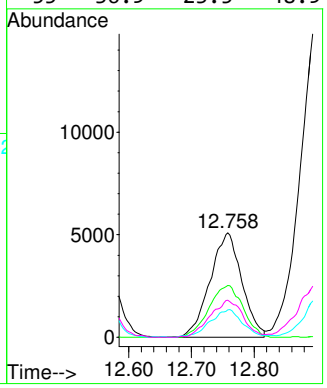


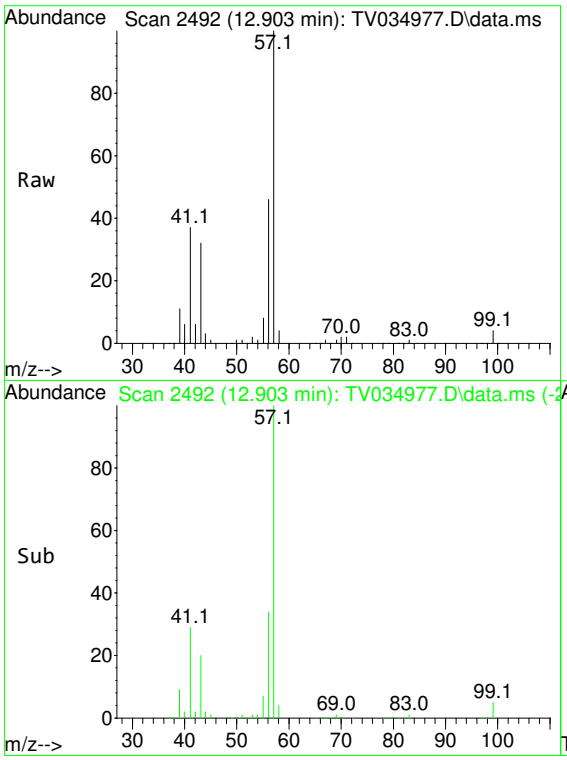


#33
Cyclohexane
Concen: 0.24 ppbv
RT: 12.758 min Scan# 2447
Delta R.T. -0.036 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 56 Resp: 17911

Ion	Ratio	Lower	Upper
56	100		
84	53.2	56.4	117.0#
42	27.5	15.3	31.7
55	36.9	23.5	48.9

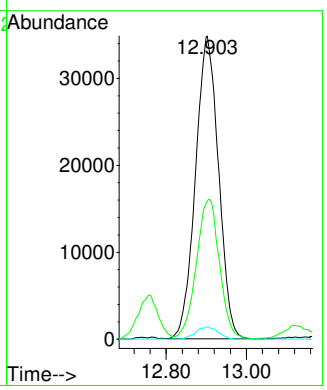


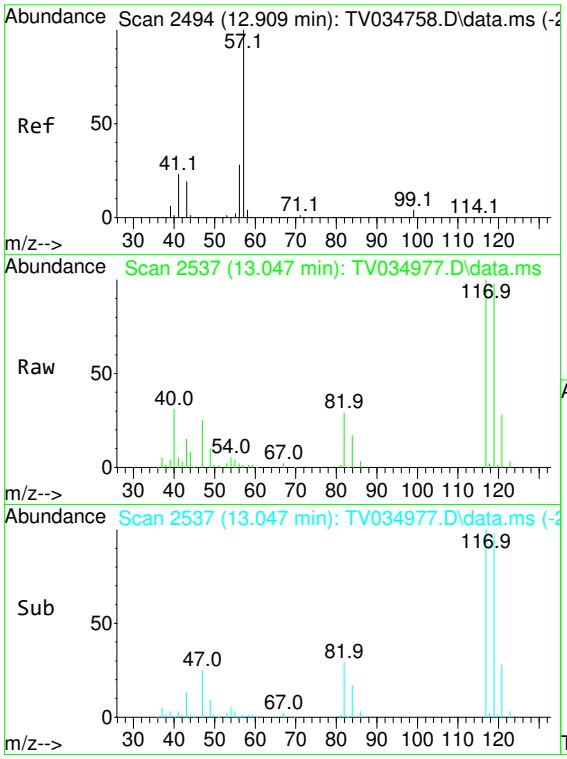


#34
2,2,4-Trimethylpentane
Concen: 0.63 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 57 Resp: 138831

Ion	Ratio	Lower	Upper
57	100		
56	45.8	24.5	45.5#
99	4.0	3.5	6.5

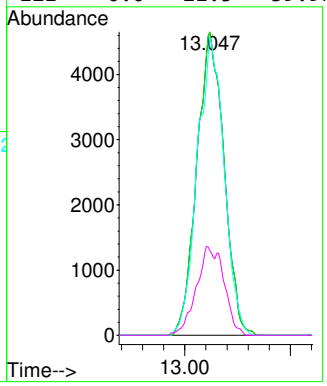


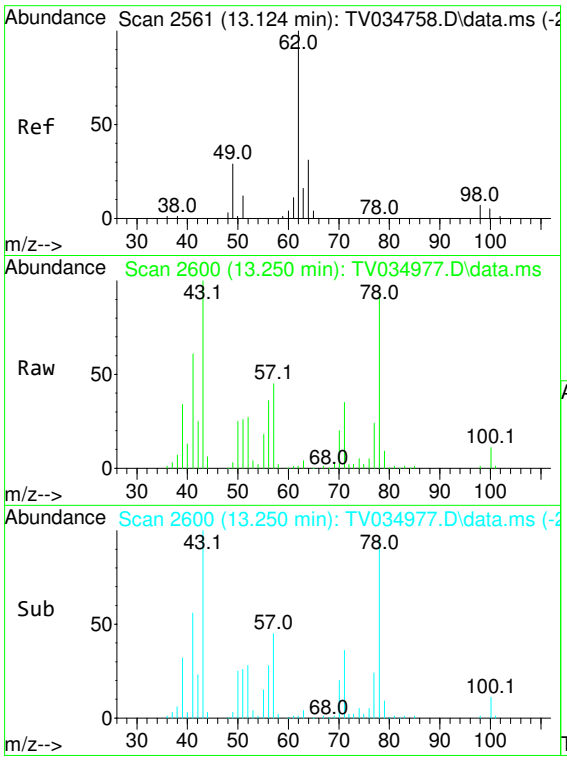


#35
Carbon Tetrachloride
Concen: 0.20 ppbv
RT: 13.047 min Scan# 2537
Delta R.T. -0.041 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:117 Resp: 16544

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.3	76.5	114.7
121	0.0	21.5	39.9#

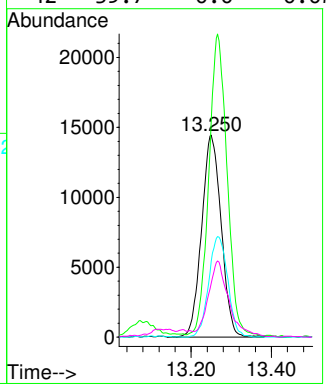


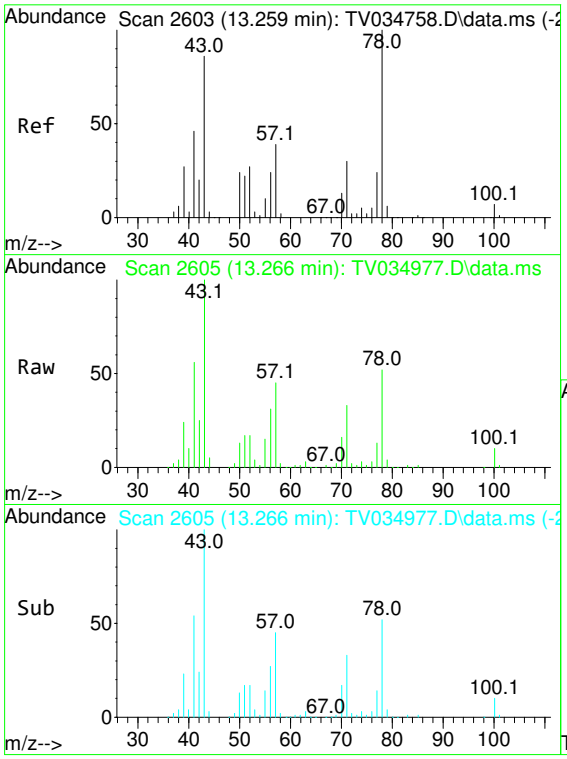


#37
Benzene
Concen: 0.52 ppbv
RT: 13.250 min Scan# 2600
Delta R.T. -0.044 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 78 Resp: 48964

Ion	Ratio	Lower	Upper
78	100		
43	141.7	0.0	0.0#
71	48.5	0.0	0.0#
42	39.7	0.0	0.0#

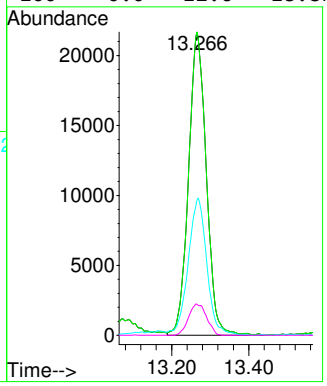


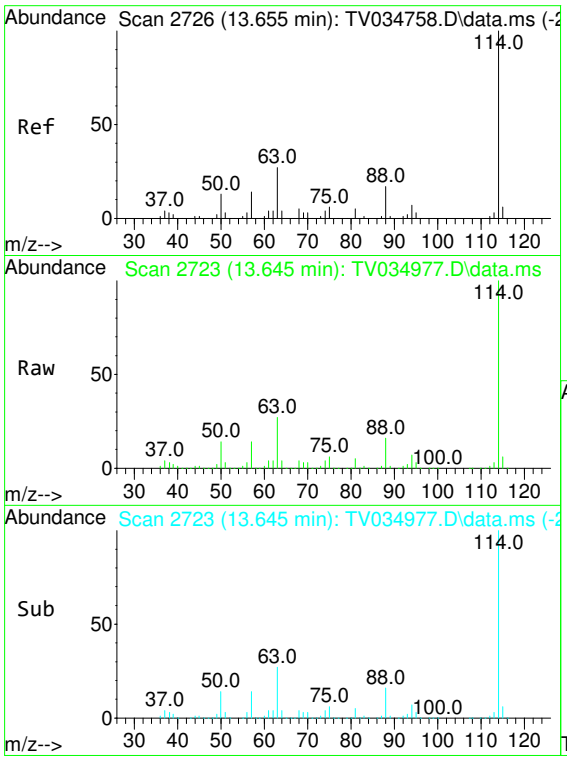


#38
n-Heptane
Concen: 0.74 ppbv
RT: 13.266 min Scan# 2605
Delta R.T. -0.038 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 43 Resp: 69374

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	47.6	39.8	59.8
100	0.0	12.6	18.8#

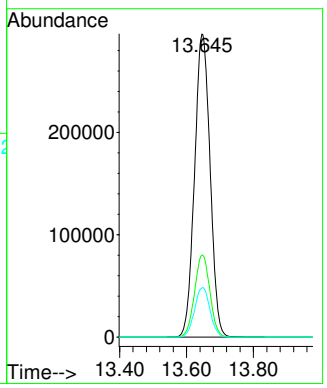


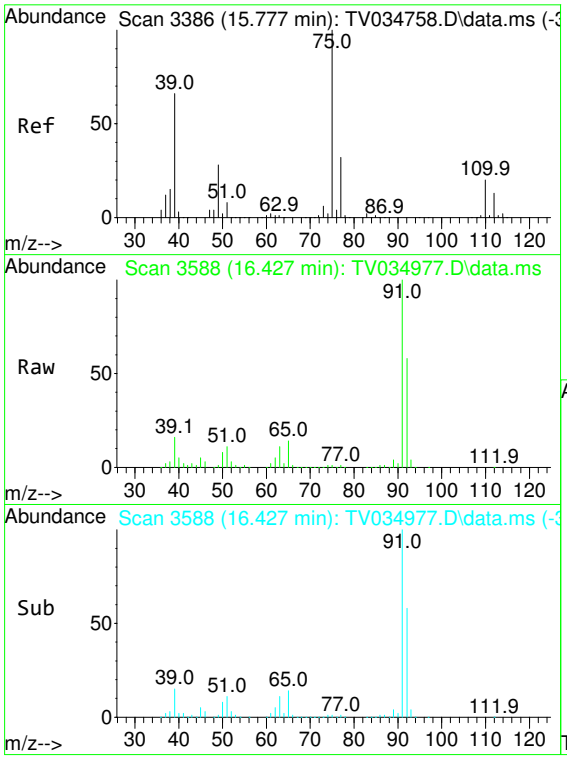


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:114 Resp: 954340

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.3	11.2	23.2

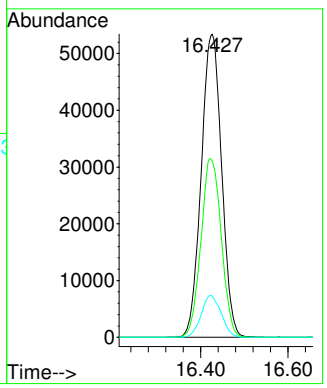


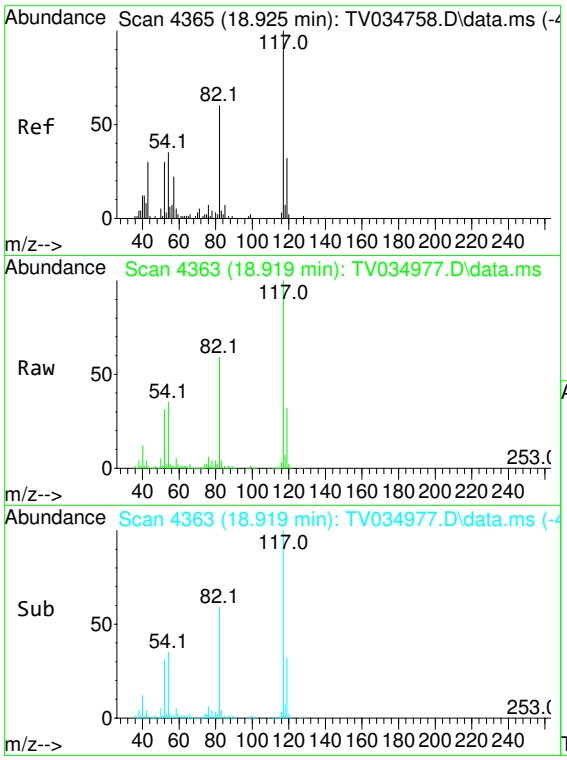


#47
Toluene
Concen: 1.65 ppbv
RT: 16.427 min Scan# 3588
Delta R.T. -0.041 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 91 Resp: 173142

Ion	Ratio	Lower	Upper
91	100		
92	58.7	39.0	81.0
65	13.6	7.7	16.1

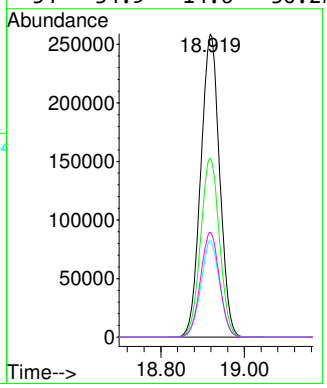


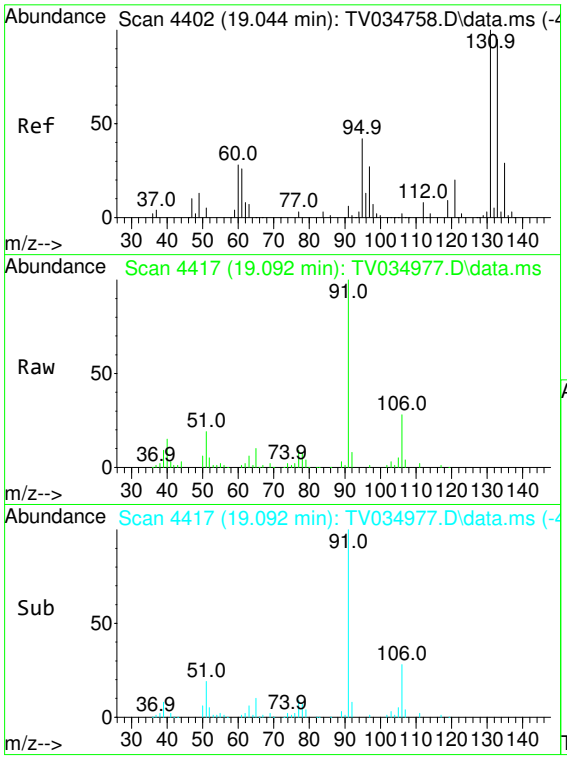


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.919 min Scan# 4363
Delta R.T. -0.043 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:117 Resp: 808479

Ion	Ratio	Lower	Upper
117	100		
82	59.3	38.7	80.5
119	31.7	20.3	42.3
54	34.9	14.6	30.2#

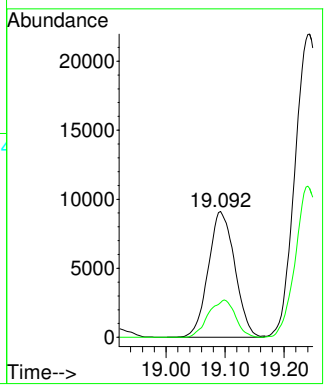


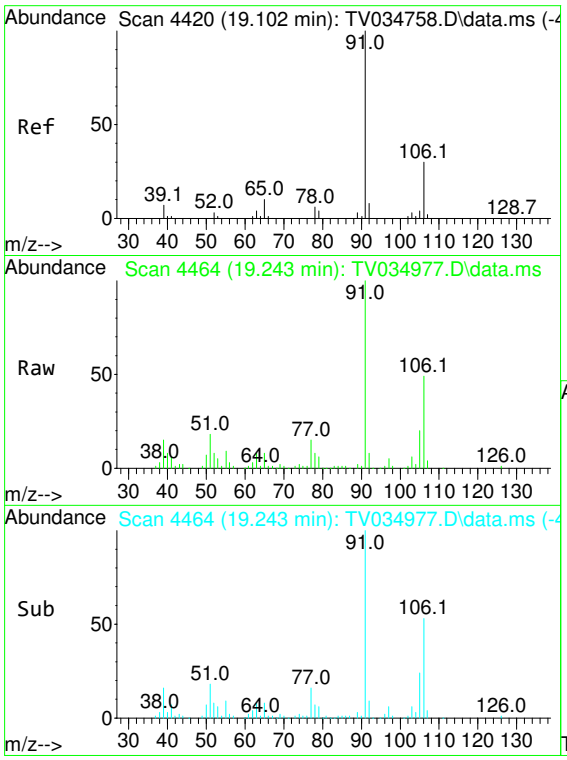


#58
Ethylbenzene
Concen: 0.21 ppbv
RT: 19.092 min Scan# 4417
Delta R.T. -0.043 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 91 Resp: 28524

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.3	42.3

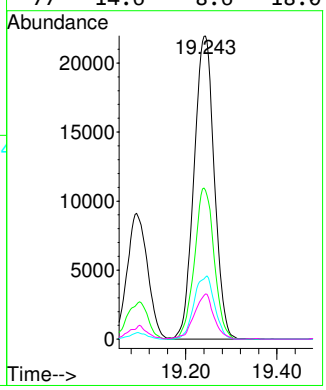


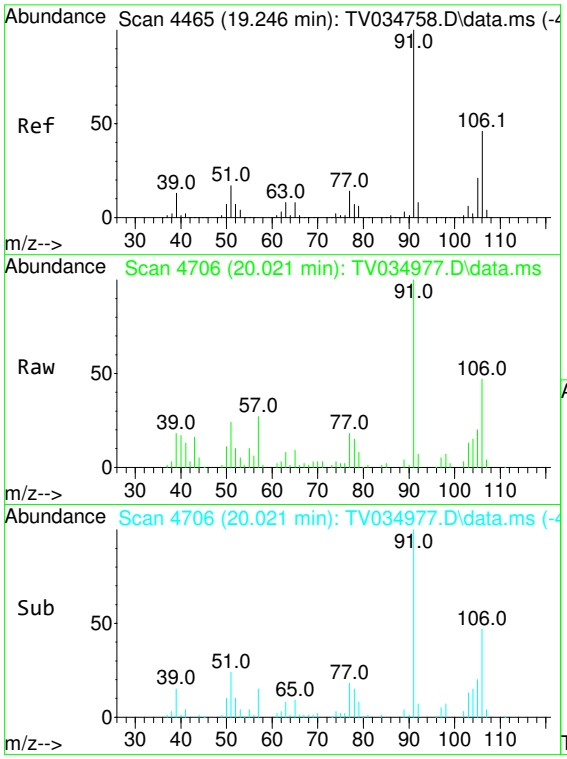


#59
p- & m- Xylenes
Concen: 0.65 ppbv
RT: 19.243 min Scan# 4464
Delta R.T. -0.039 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 91 Resp: 67640

Ion	Ratio	Lower	Upper
91	100		
106	48.5	31.0	64.4
105	21.2	13.4	27.8
77	14.6	8.6	18.0

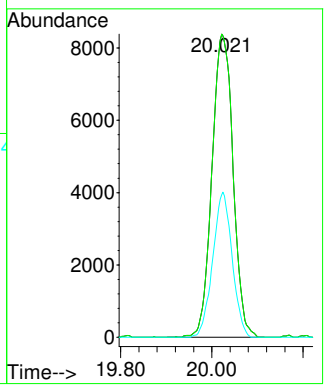


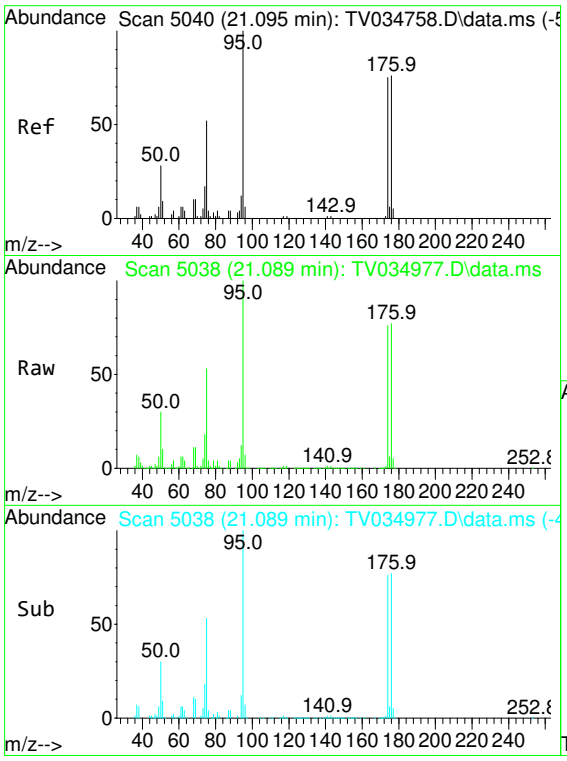


#60
o-Xylene
Concen: 0.25 ppbv
RT: 20.021 min Scan# 4706
Delta R.T. -0.045 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 91 Resp: 26865

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.1	36.9	55.3

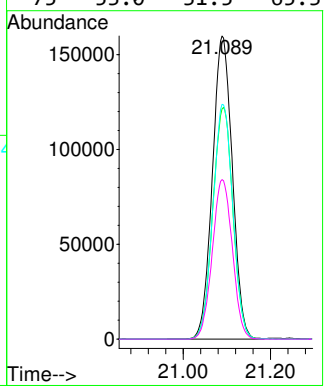


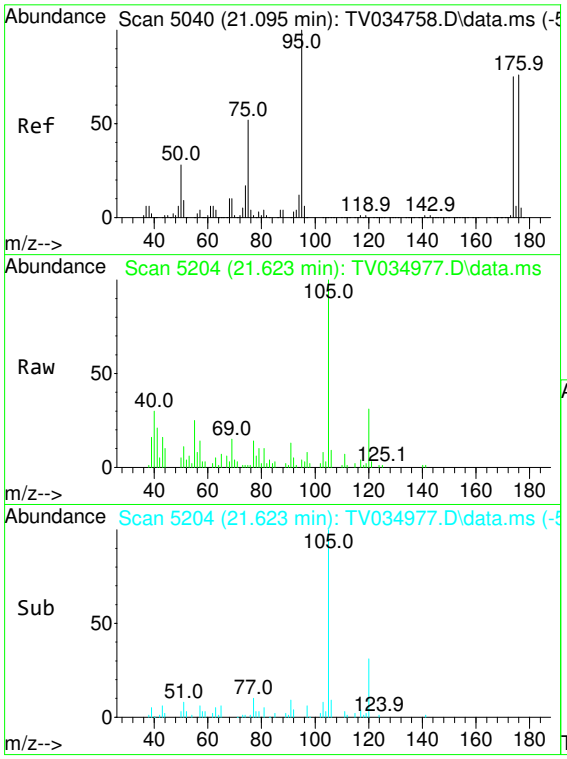


#66
p-Bromofluorobenzene
Concen: 8.51 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion: 95 Resp: 505441

Ion	Ratio	Lower	Upper
95	100		
174	77.5	50.0	103.8
176	77.8	48.2	100.2
75	53.0	31.5	65.3

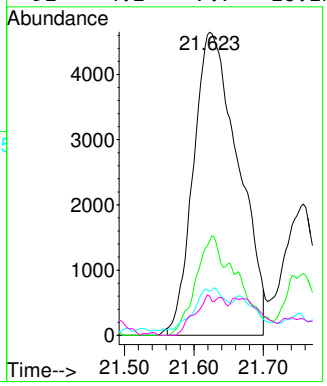


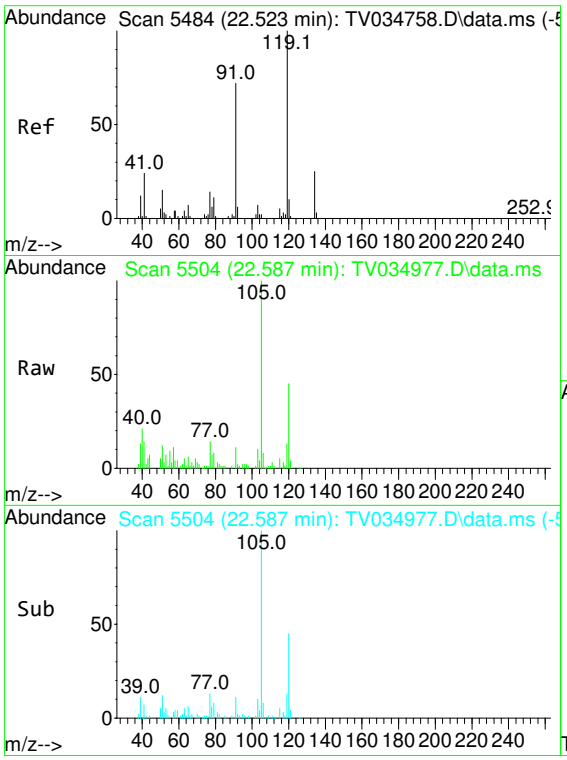


#67
4-Ethyltoluene
Concen: 0.15 ppbv m
RT: 21.623 min Scan# 5204
Delta R.T. -0.088 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:105 Resp: 20749

Ion	Ratio	Lower	Upper
105	100		
120	14.2	17.2	35.6#
77	4.0	7.6	15.8#
91	4.1	7.7	16.1#

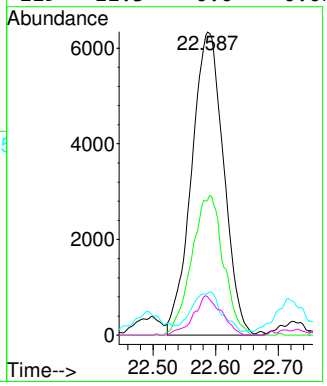




#70
1,2,4-Trimethylbenzene
Concen: 0.18 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034977.D
Acq: 31 Jan 2026 03:19 am

Tgt Ion:105 Resp: 22514

Ion	Ratio	Lower	Upper
105	100		
120	45.5	29.0	60.2
77	13.8	8.2	17.0
119	11.3	0.0	0.0#



Sample Information

Client Sample ID: SSV-4 20260122 **Sample ID: 26A1103-07**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 3:50 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	13		D	ug/m³	0.33	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.32	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	7.4	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.97	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.77	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.97	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	1.1	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.77	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.57	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.28	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	52	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
95-63-6	**1,2,4-Trimethylbenzene**	7.1		D	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	1.1	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.85	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.57	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.65	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.99	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
108-67-8	**1,3,5-Trimethylbenzene**	1.9		D	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
106-99-0	1,3-Butadiene	ND		U	ug/m³	0.94	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.85	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.65	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.85	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	2.5	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
78-93-3	2-Butanone	ND		J	ug/m³	21	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	1.2	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	2.2	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.58	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
67-64-1	**Acetone**	85		D	ug/m³	17	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	15	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
71-43-2	**Benzene**	3.7		D	ug/m³	0.45	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	18	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.95	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-25-2	Bromoform	ND		U	ug/m³	1.5	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.55	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.44	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Sample Information

Client Sample ID: SSV-4 20260122 **Sample ID: 26A1103-07**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 3:50 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	3.8		D	ug/m³	0.27	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.65	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.37	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
67-66-3	**Chloroform**	1.3		D	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
74-87-3	**Chloromethane**	0.52		D	ug/m³	0.29	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.28	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.64	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
110-82-7	**Cyclohexane**	3.5		D	ug/m³	0.49	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	1.2	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-71-8	**Dichlorodifluoromethane**	2.1		D	ug/m³	0.70	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
141-78-6	*** Ethyl acetate**	47		D	ug/m³	25	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
100-41-4	**Ethyl Benzene**	6.5		D	ug/m³	0.61	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	1.5	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
67-63-0	**Isopropanol**	5.4		D	ug/m³	2.1	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.58	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.51	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-09-2	Methylene chloride	ND		U	ug/m³	2.9	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.78	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
142-82-5	**n-Heptane**	9.5		D	ug/m³	0.58	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
110-54-3	**n-Hexane**	42		D	ug/m³	0.50	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
103-65-1	*** n-Propylbenzene**	1.4		D	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
95-47-6	**o-Xylene**	8.5		D	ug/m³	0.61	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
179601-23-1	**p- & m- Xylenes**	24	A-01	D	ug/m³	1.2	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
622-96-8	*** p-Ethyltoluene**	6.0		D	ug/m³	0.69	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.78	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
115-07-1	*** Propylene**	4.5		D	ug/m³	0.24	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.78	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
100-42-5	Styrene	ND		U	ug/m³	0.60	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.78	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	0.96	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
109-99-9	* Tetrahydrofuran	ND		U	ug/m³	0.83	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
108-88-3	**Toluene**	25		D	ug/m³	0.53	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.56	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.64	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Sample Information

Client Sample ID: SSV-4 20260122 **Sample ID: 26A1103-07**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 3:50 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.23	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.1		D	ug/m³	0.79	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.50	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.62	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.18	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR
1330-20-7	**Xylenes, Total**	33		D	ug/m³	1.8	1.412	EPA TO-15	1/30/26 11:46	1/31/26 04:05	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034978.D
Acq On : 31 Jan 2026 04:05 am
Operator : YR
Sample : 26A1103-07
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.412
InstName : TO15_AIR3

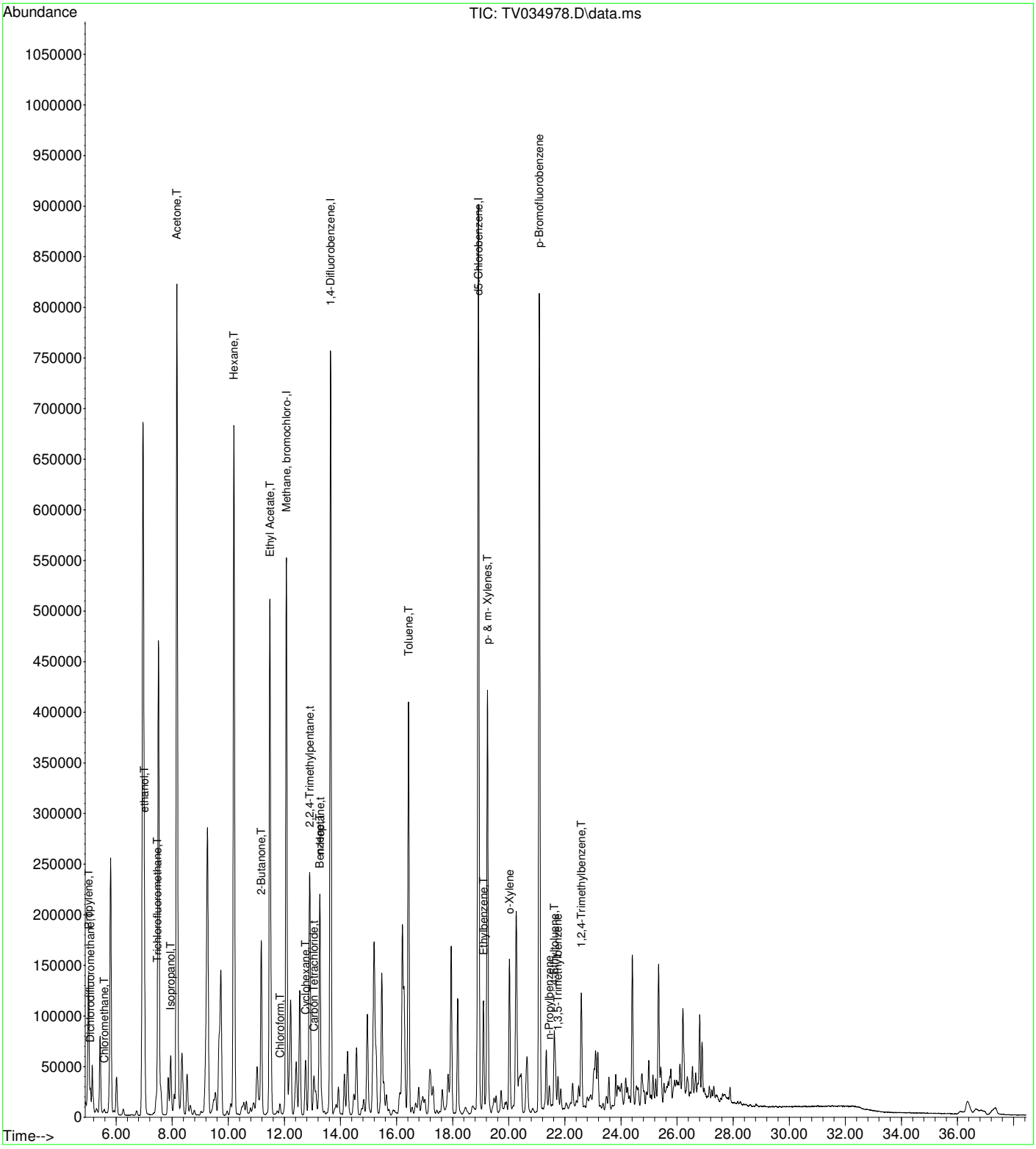
Quant Time: Jan 31 08:34:06 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

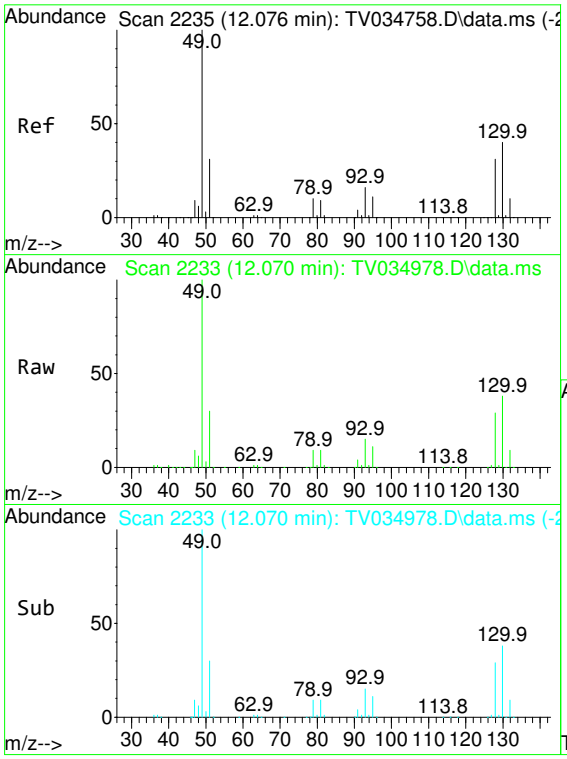
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	645679	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.645	114	908101	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.919	117	785511	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.016	42	48685	1.84	ppbv		71
3) Dichlorodifluoromethane	5.083	85	25163	0.30	ppbv	#	92
5) Chloromethane	5.578	50	7155	0.18	ppbv		100
10) ethanol	7.006	45	313944	14.09	ppbv		87
12) Trichlorofluoromethane	7.469	101	11481	0.14	ppbv		96
13) Isopropanol	7.945	45	138981	1.56	ppbv		100
15) Acetone	8.163	43	1788280	25.37	ppbv		94
24) Hexane	10.199	57	565184	8.46	ppbv		91
27) 2-Butanone	11.173	43	405568	4.16	ppbv	#	83
28) Ethyl Acetate	11.478	43	1032503	9.22	ppbv	#	92
30) Chloroform	11.842	83	13196	0.19	ppbv	#	93
33) Cyclohexane	12.752	56	51569	0.71	ppbv	#	78
34) 2,2,4-Trimethylpentane	12.903	57	415450	1.96	ppbv		95
35) Carbon Tetrachloride	13.047	117	33714	0.43	ppbv		100
37) Benzene	13.253	78	72376	0.81	ppbv	#	100
38) n-Heptane	13.269	43	146466	1.64	ppbv	#	98
47) Toluene	16.423	91	473516	4.73	ppbv		99
58) Ethylbenzene	19.095	91	137543	1.06	ppbv		98
59) p- & m- Xylenes	19.240	91	401408	3.97	ppbv		99
60) o-Xylene	20.021	91	144327	1.38	ppbv		99
63) n-Propylbenzene	21.443	91	34858m	0.20	ppbv		
66) p-Bromofluorobenzene	21.089	95	489989	8.49	ppbv		97
67) 4-Ethyltoluene	21.623	105	119884m	0.87	ppbv		
68) 1,3,5-Trimethylbenzene	21.751	105	31425	0.27	ppbv		93
70) 1,2,4-Trimethylbenzene	22.587	105	122906	1.03	ppbv	#	98

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034978.D
Acq On : 31 Jan 2026 04:05 am
Operator : YR
Sample : 26A1103-07
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.412
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:06 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

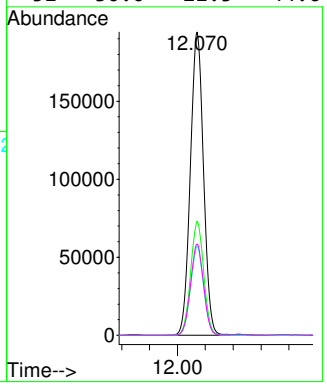


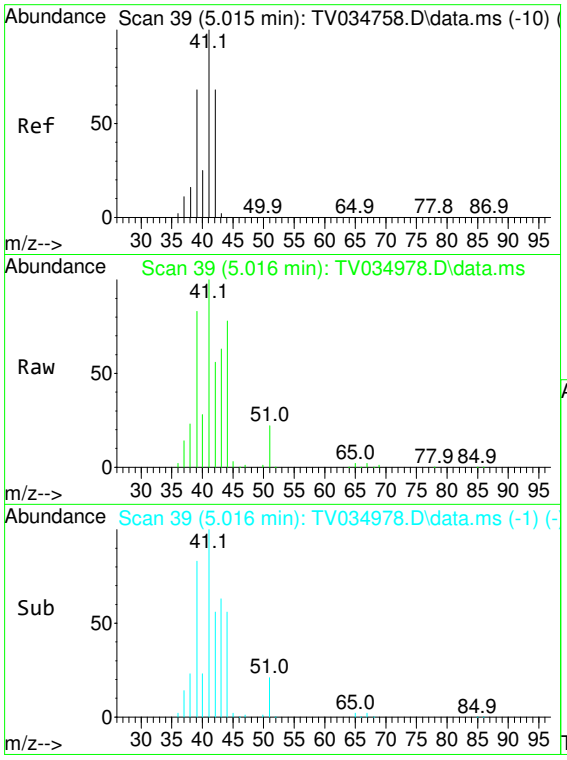


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 49 Resp: 645679

Ion	Ratio	Lower	Upper
49	100		
130	37.3	44.5	92.3#
128	29.1	34.7	72.1#
51	30.0	21.5	44.6

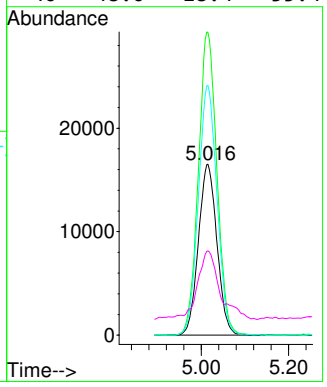


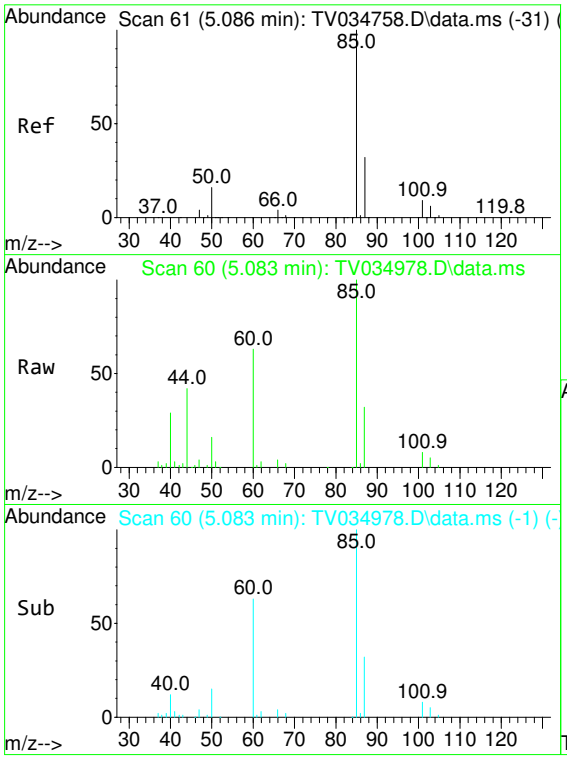


#2
Propylene
Concen: 1.84 ppbv
RT: 5.016 min Scan# 39
Delta R.T. -0.025 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 42 Resp: 48685

Ion	Ratio	Lower	Upper
42	100		
41	177.0	88.9	207.5
39	147.5	52.2	156.6
40	48.0	18.4	55.4

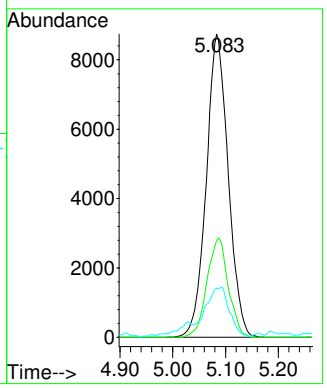


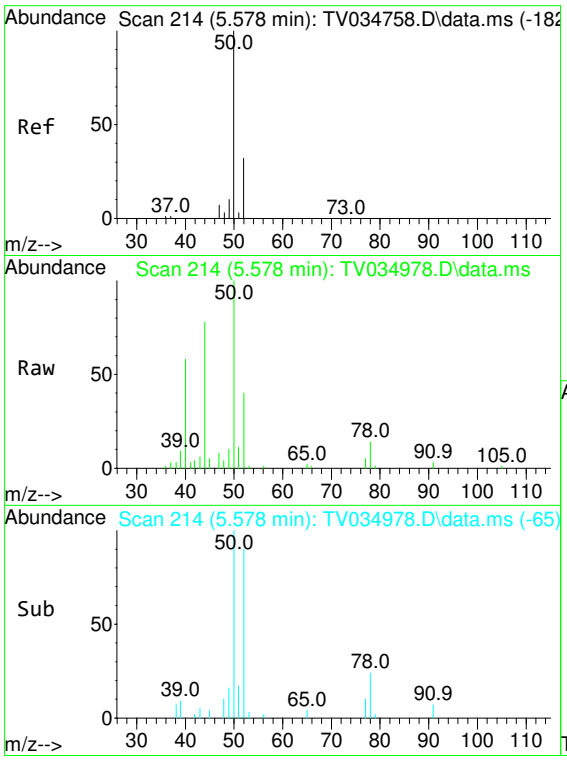


#3
Dichlorodifluoromethane
Concen: 0.30 ppbv
RT: 5.083 min Scan# 60
Delta R.T. -0.029 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 85 Resp: 25163

Ion	Ratio	Lower	Upper
85	100		
87	31.9	21.0	43.6
50	21.2	6.8	14.2#

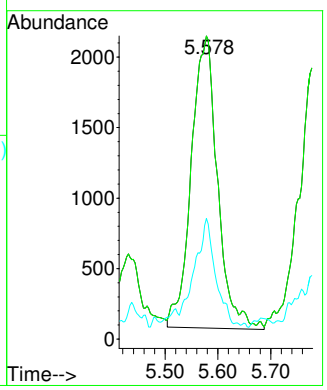


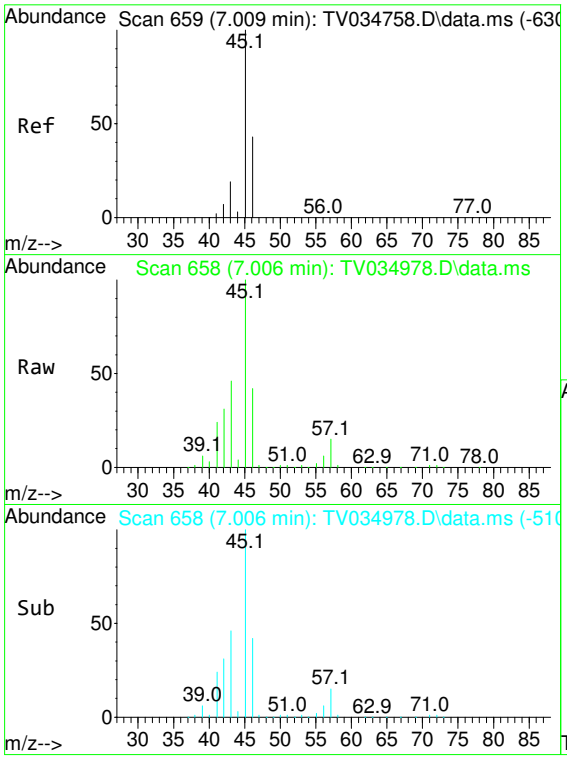


#5
Chloromethane
Concen: 0.18 ppbv
RT: 5.578 min Scan# 214
Delta R.T. -0.021 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 50 Resp: 7155

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	32.7	16.5	49.5

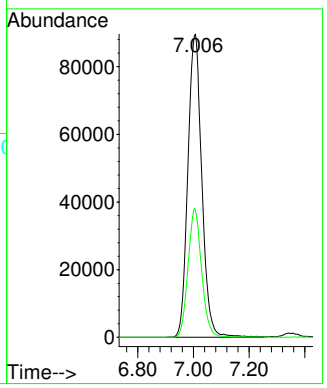


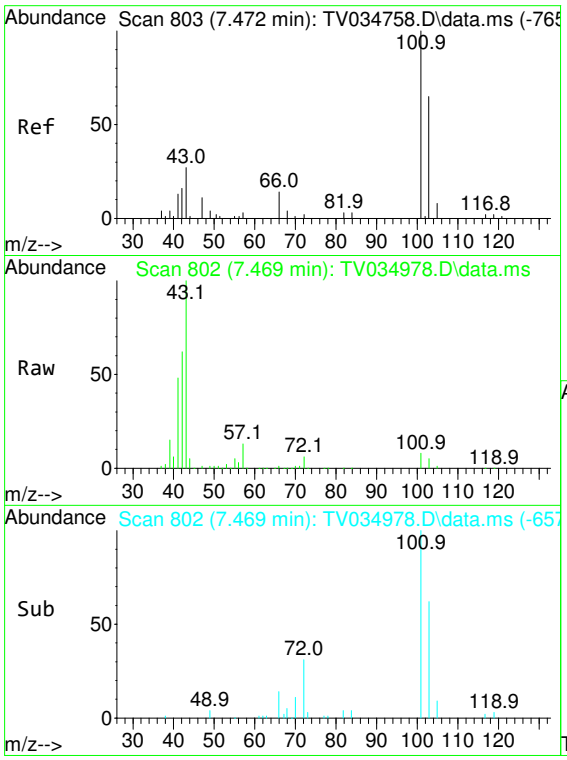


#10
ethanol
Concen: 14.09 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 45 Resp: 313944

Ion	Ratio	Lower	Upper
45	100		
46	41.3	40.0	60.0

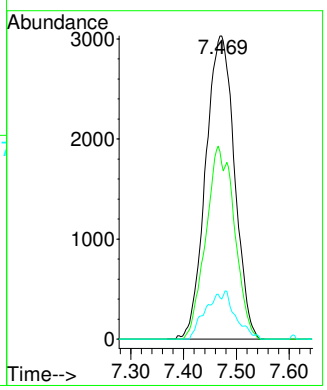


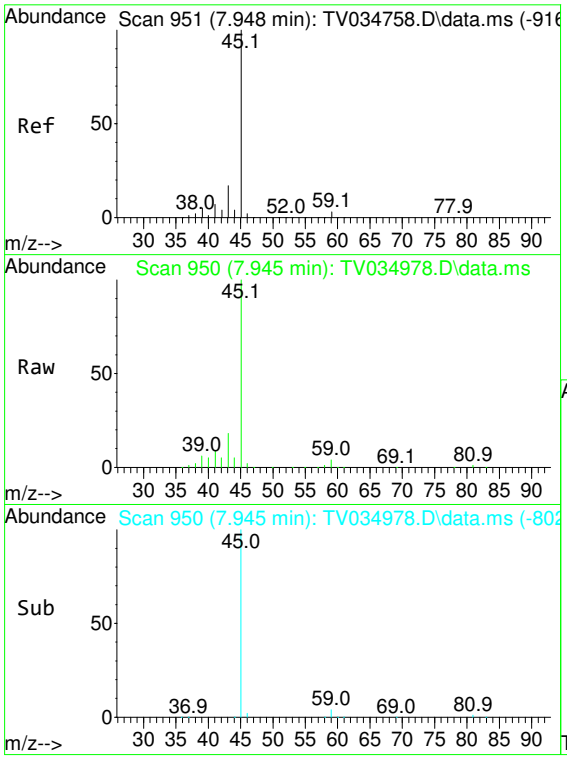


#12
Trichlorofluoromethane
Concen: 0.14 ppbv
RT: 7.469 min Scan# 802
Delta R.T. -0.033 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:101 Resp: 11481

Ion	Ratio	Lower	Upper
101	100		
103	63.1	42.4	88.0
66	16.2	7.9	16.5

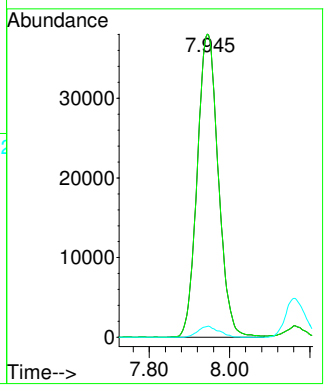


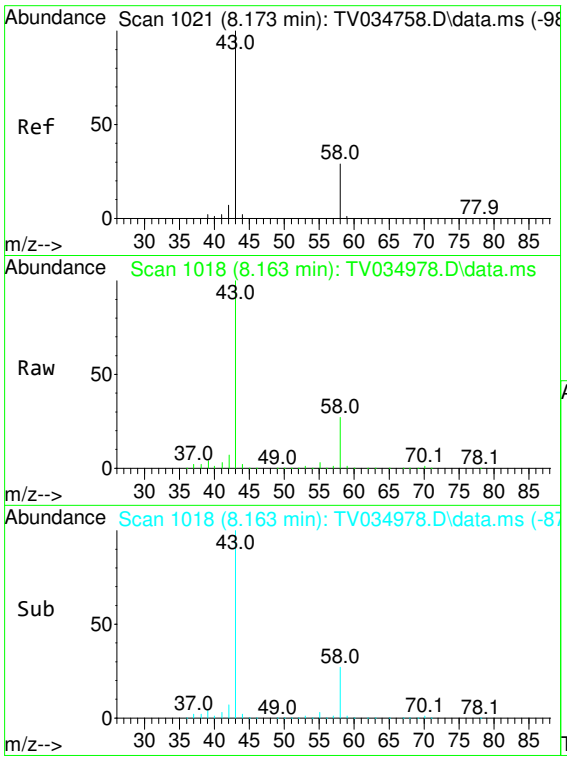


#13
Isopropanol
Concen: 1.56 ppbv
RT: 7.945 min Scan# 950
Delta R.T. -0.024 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 45 Resp: 138981

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.7	0.0	8.4

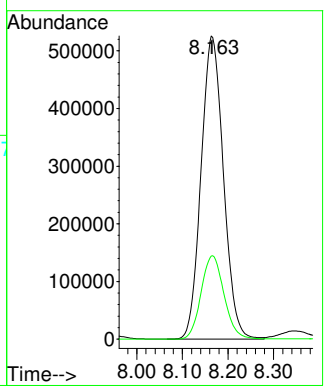


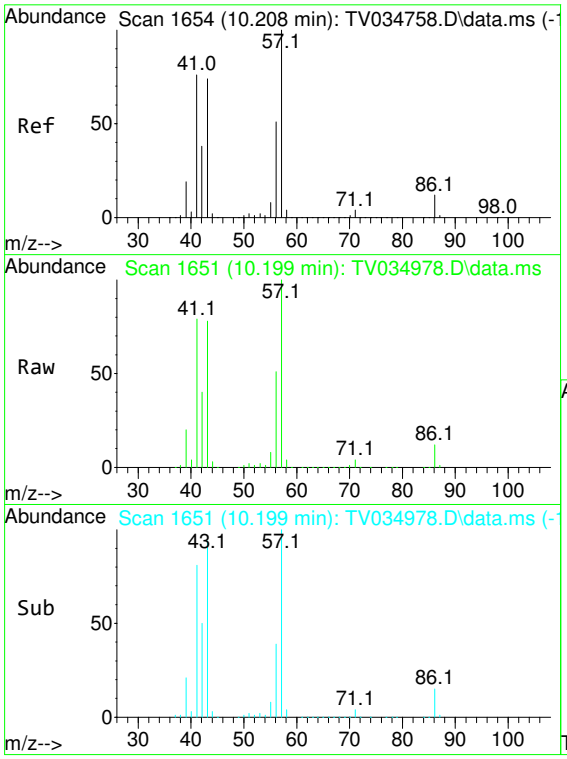


#15
Acetone
Concen: 25.37 ppbv
RT: 8.163 min Scan# 1018
Delta R.T. -0.038 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 43 Resp: 1788280

Ion	Ratio	Lower	Upper
43	100		
58	28.3	20.7	42.9

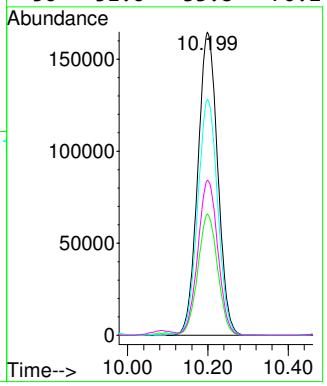


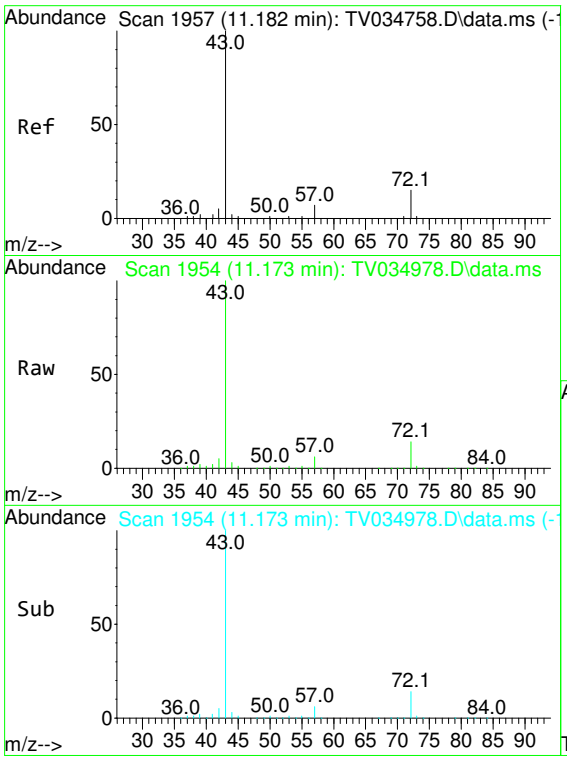


#24
Hexane
Concen: 8.46 ppbv
RT: 10.199 min Scan# 1651
Delta R.T. -0.035 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 57 Resp: 565184

Ion	Ratio	Lower	Upper
57	100		
42	39.9	22.2	46.0
43	78.8	42.9	89.1
56	51.6	33.8	70.2

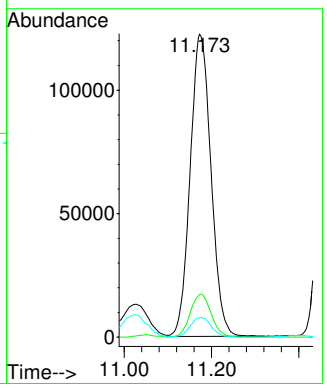


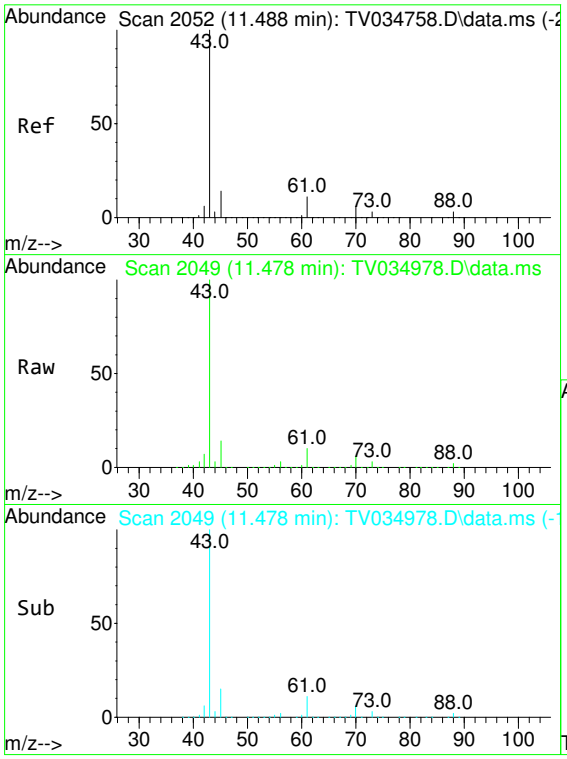


#27
2-Butanone
Concen: 4.16 ppbv
RT: 11.173 min Scan# 1954
Delta R.T. -0.039 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 43 Resp: 405568

Ion	Ratio	Lower	Upper
43	100		
72	14.4	16.4	34.2#
57	6.6	5.0	10.4

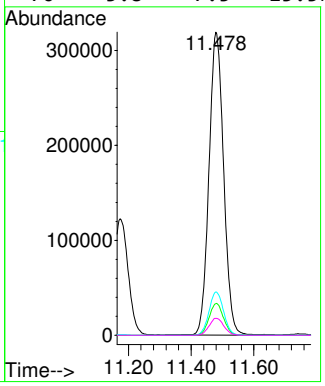


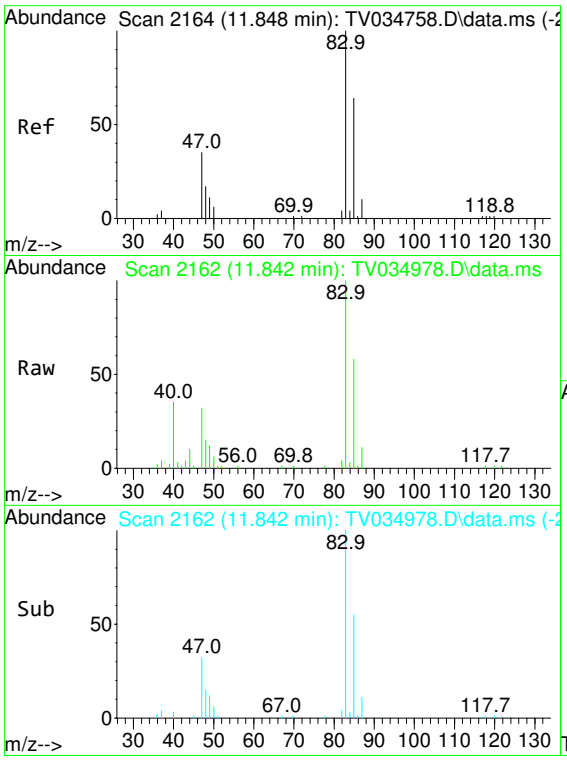


#28
Ethyl Acetate
Concen: 9.22 ppbv
RT: 11.478 min Scan# 2049
Delta R.T. -0.041 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 43 Resp: 1032503

Ion	Ratio	Lower	Upper
43	100		
61	10.6	9.2	19.2
45	14.3	9.4	19.6
70	5.8	7.5	15.5#

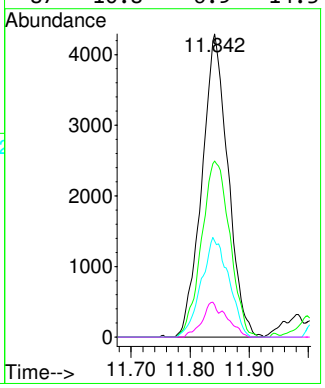


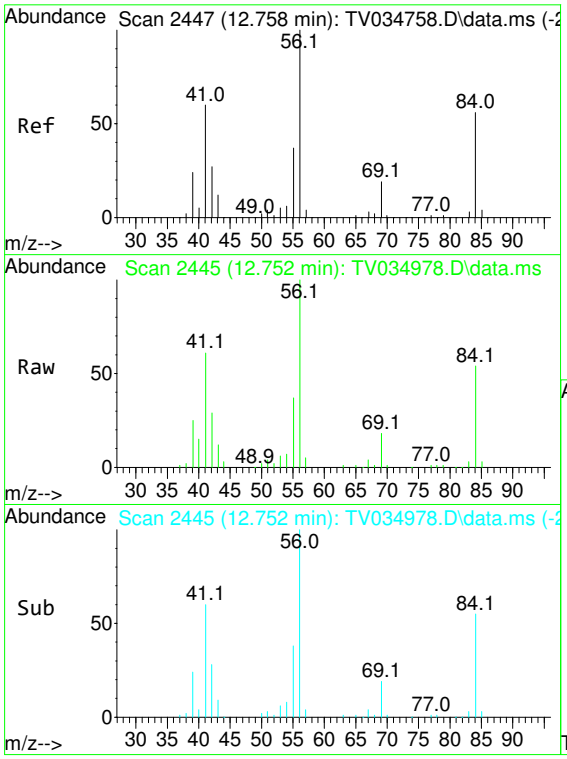


#30
Chloroform
Concen: 0.19 ppbv
RT: 11.842 min Scan# 2162
Delta R.T. -0.040 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 83 Resp: 13196

Ion	Ratio	Lower	Upper
83	100		
85	63.0	42.2	87.6
47	34.7	14.8	30.8#
87	10.8	6.9	14.3

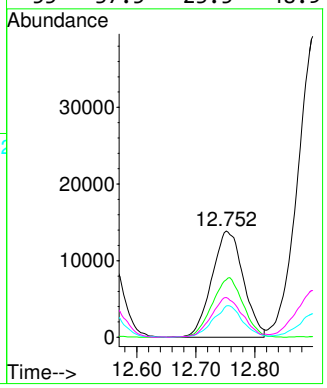


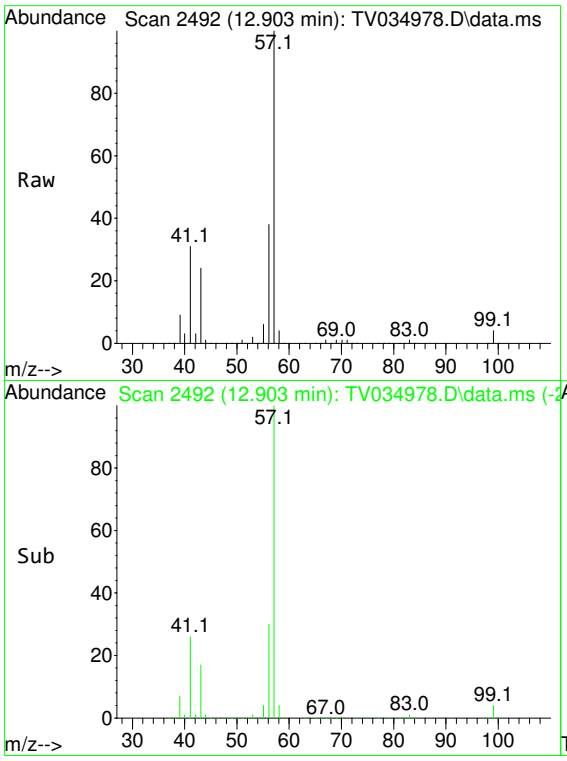


#33
Cyclohexane
Concen: 0.71 ppbv
RT: 12.752 min Scan# 2445
Delta R.T. -0.042 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 56 Resp: 51569

Ion	Ratio	Lower	Upper
56	100		
84	55.1	56.4	117.0#
42	28.1	15.3	31.7
55	37.5	23.5	48.9

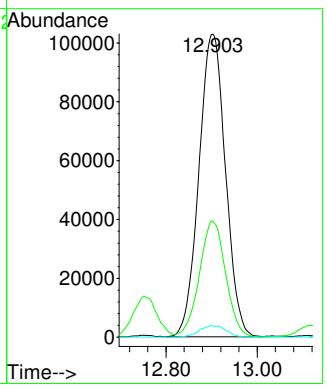


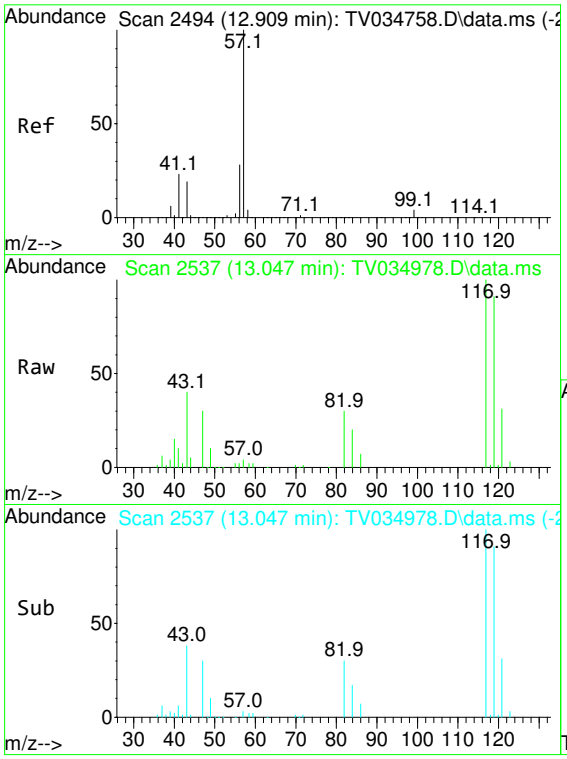


#34
2,2,4-Trimethylpentane
Concen: 1.96 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 57 Resp: 415450

Ion	Ratio	Lower	Upper
57	100		
56	37.9	24.5	45.5
99	3.9	3.5	6.5

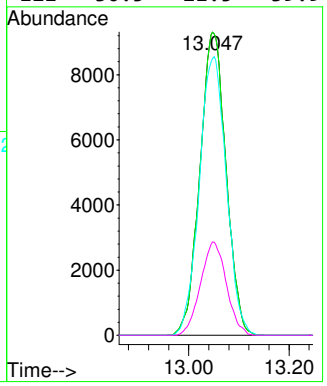


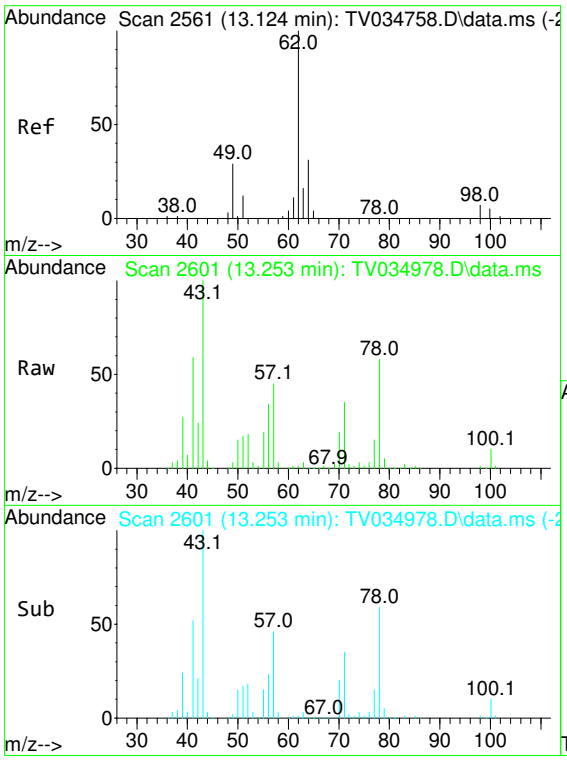


#35
Carbon Tetrachloride
Concen: 0.43 ppbv
RT: 13.047 min Scan# 2537
Delta R.T. -0.041 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:117 Resp: 33714

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	94.9	76.5	114.7
121	30.5	21.5	39.9

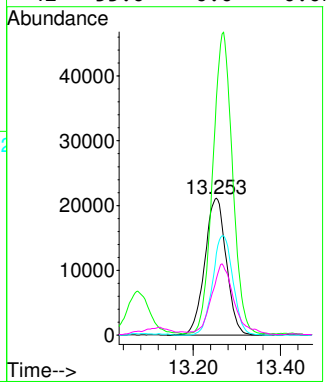


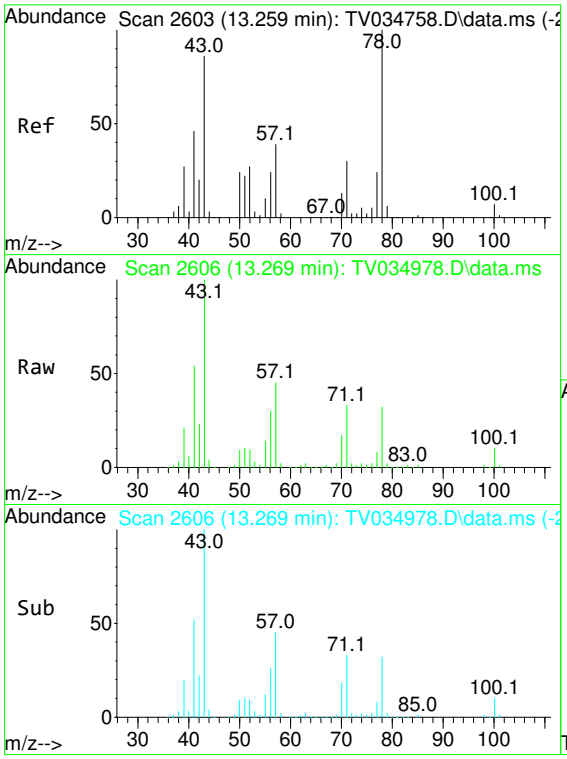


#37
Benzene
Concen: 0.81 ppbv
RT: 13.253 min Scan# 2601
Delta R.T. -0.041 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 78 Resp: 72376

Ion	Ratio	Lower	Upper
78	100		
43	202.4	0.0	0.0#
71	68.9	0.0	0.0#
42	55.0	0.0	0.0#

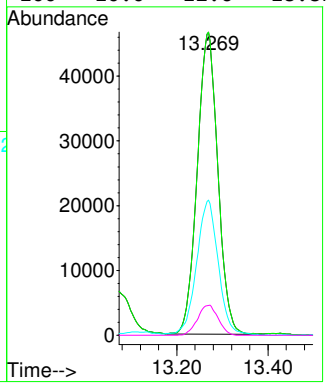


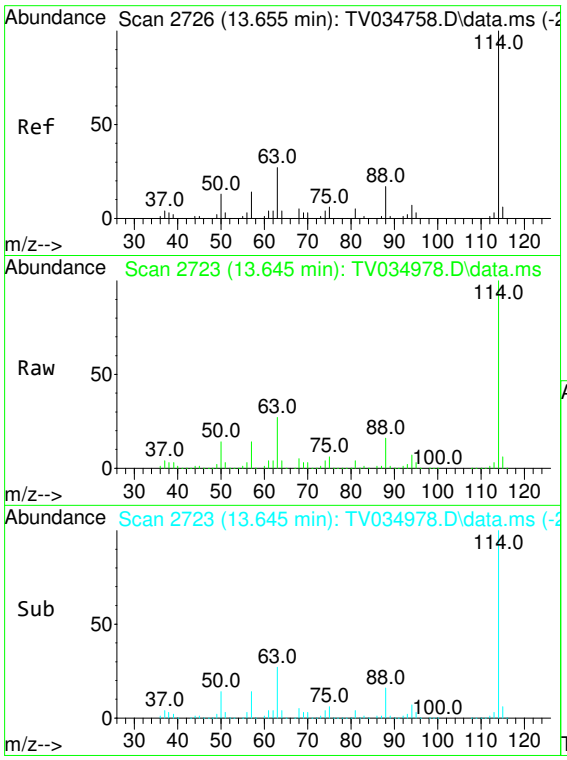


#38
n-Heptane
Concen: 1.64 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 43 Resp: 146466

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	47.5	39.8	59.8
100	10.0	12.6	18.8#

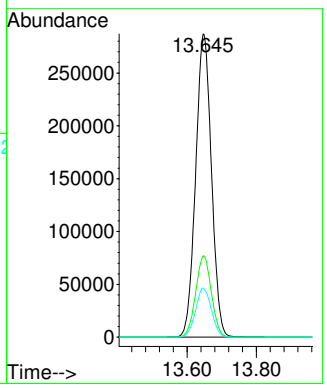


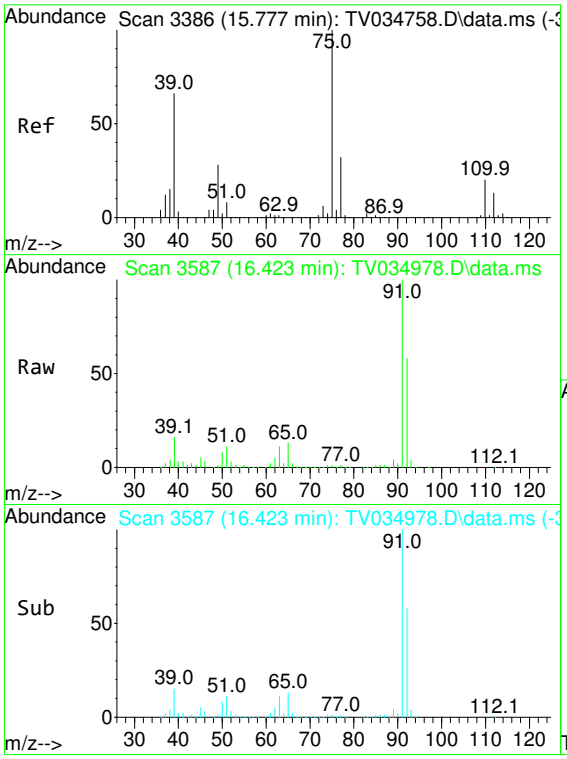


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:114 Resp: 908101

Ion	Ratio	Lower	Upper
114	100		
63	26.8	14.0	29.2
88	16.3	11.2	23.2

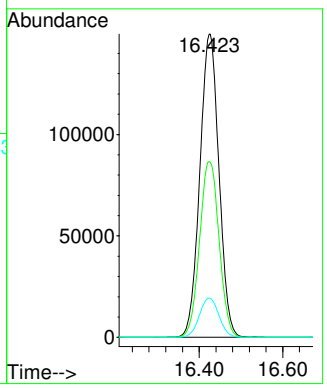


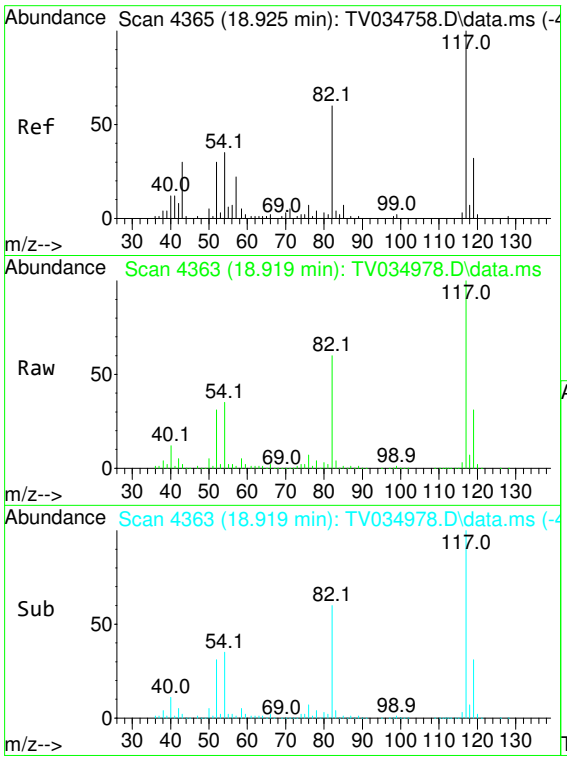


#47
Toluene
Concen: 4.73 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 91 Resp: 473516

Ion	Ratio	Lower	Upper
91	100		
92	59.2	39.0	81.0
65	13.3	7.7	16.1

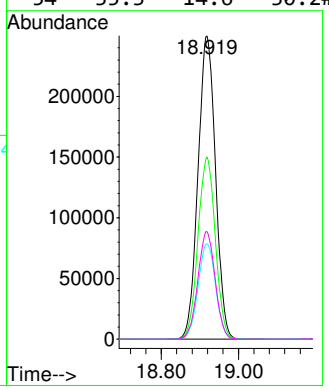


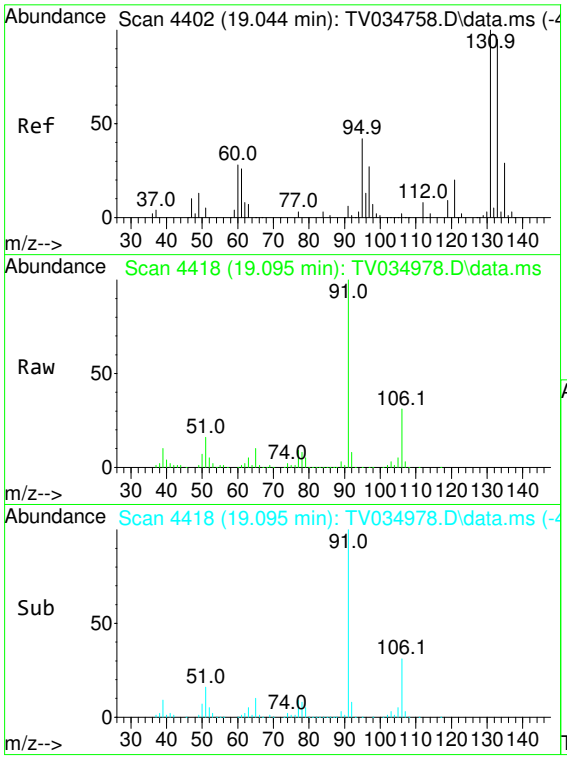


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.919 min Scan# 4363
Delta R.T. -0.043 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:117 Resp: 785511

Ion	Ratio	Lower	Upper
117	100		
82	59.8	38.7	80.5
119	31.8	20.3	42.3
54	35.3	14.6	30.2#

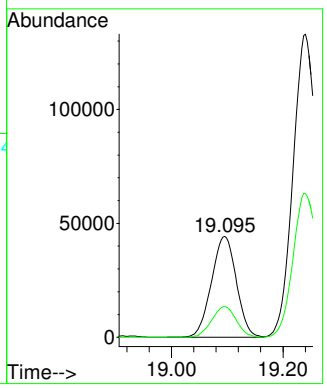


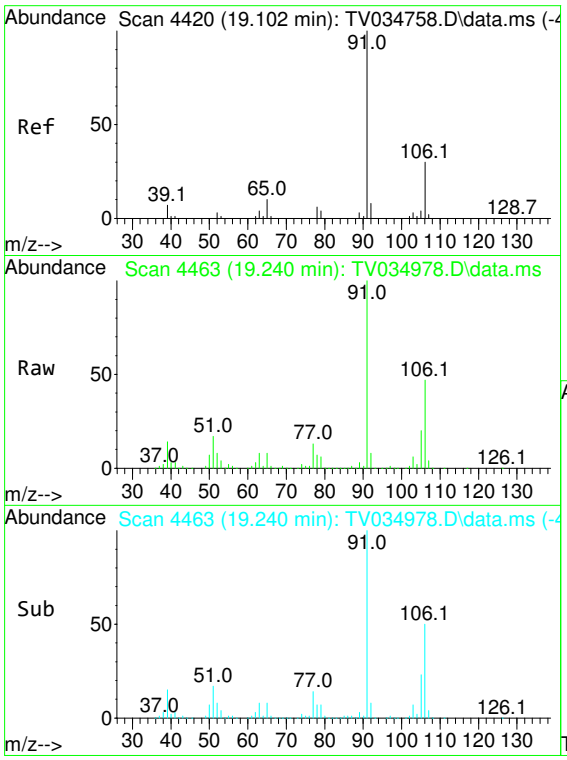


#58
Ethylbenzene
Concen: 1.06 ppbv
RT: 19.095 min Scan# 4418
Delta R.T. -0.040 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 91 Resp: 137543

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.3	42.3

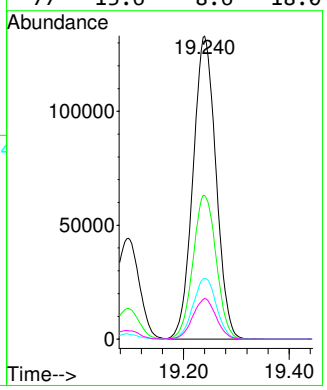


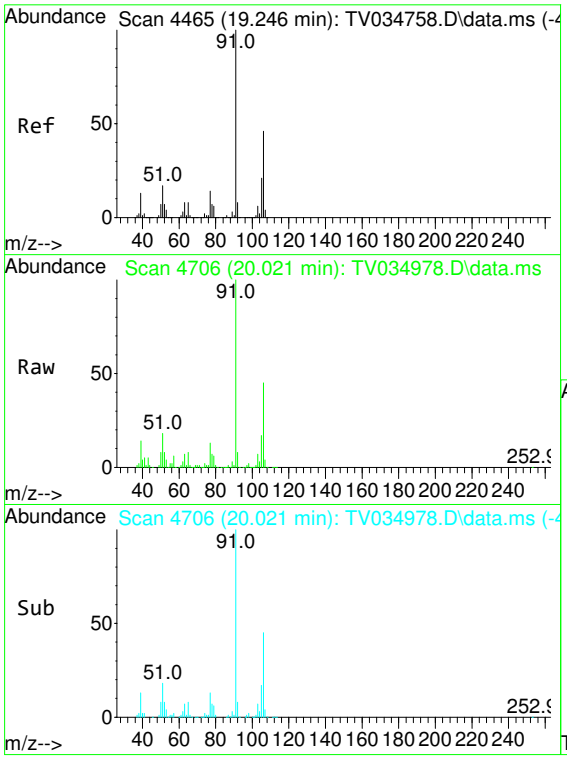


#59
p- & m- Xylenes
Concen: 3.97 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 91 Resp: 401408

Ion	Ratio	Lower	Upper
91	100		
106	48.2	31.0	64.4
105	20.5	13.4	27.8
77	13.6	8.6	18.0

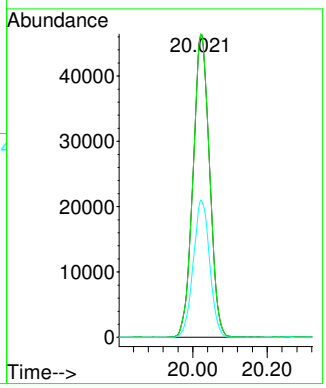


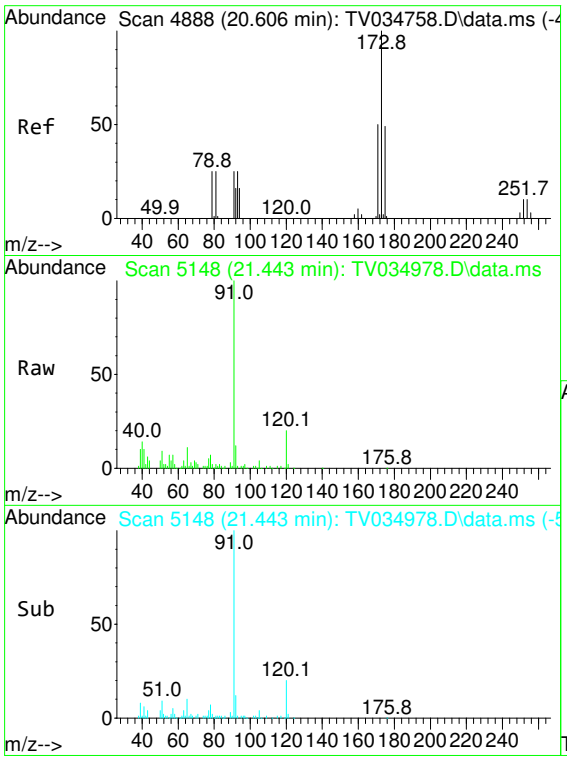


#60
o-Xylene
Concen: 1.38 ppbv
RT: 20.021 min Scan# 4706
Delta R.T. -0.045 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 91 Resp: 144327

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.9	36.9	55.3

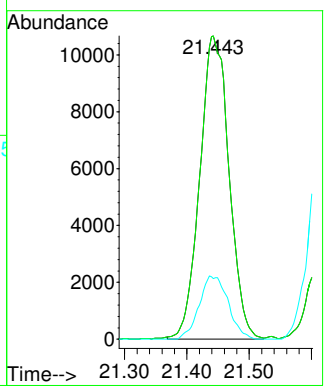


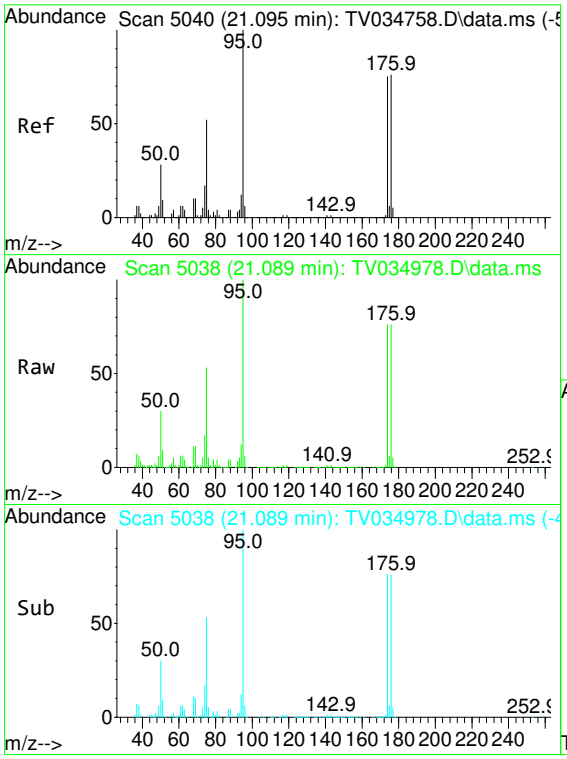


#63
n-Propylbenzene
Concen: 0.20 ppbv m
RT: 21.443 min Scan# 5148
Delta R.T. -0.045 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 91 Resp: 34858

Ion	Ratio	Lower	Upper
91	100		
91	0.0	80.0	120.0#
120	0.0	11.0	33.0#

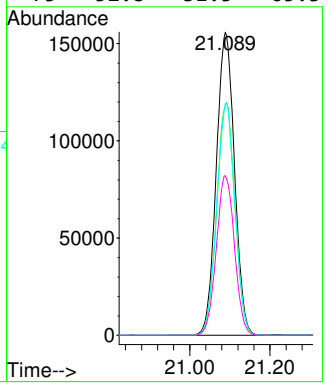


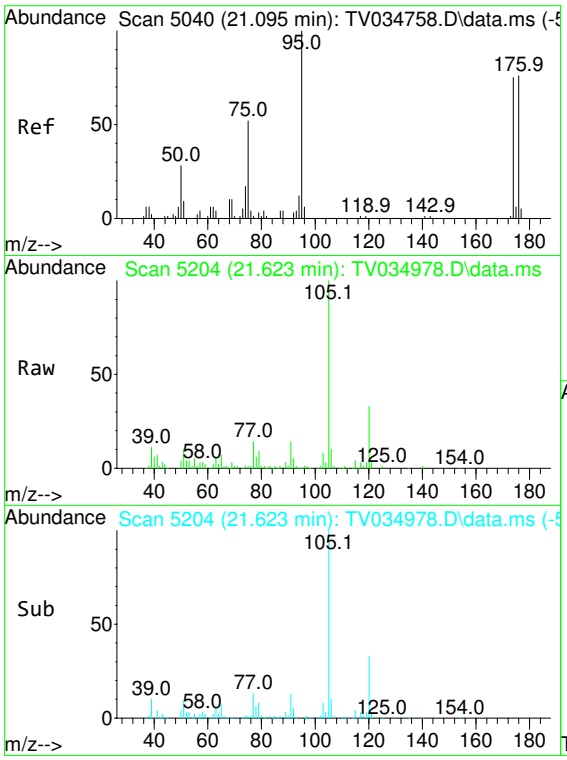


#66
p-Bromofluorobenzene
Concen: 8.49 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion: 95 Resp: 489989

Ion	Ratio	Lower	Upper
95	100		
174	77.4	50.0	103.8
176	77.1	48.2	100.2
75	52.8	31.5	65.3

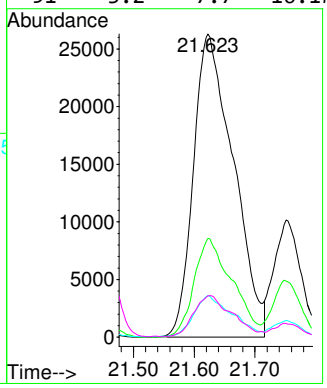


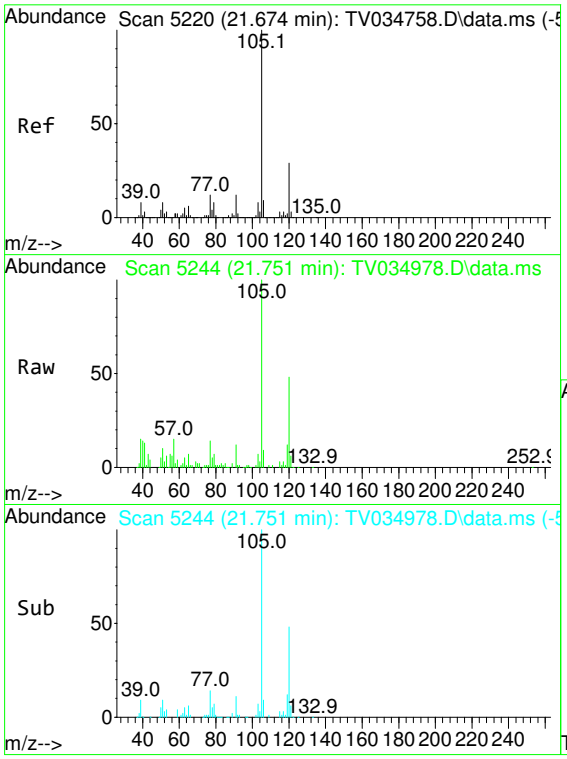


#67
4-Ethyltoluene
Concen: 0.87 ppbv m
RT: 21.623 min Scan# 5204
Delta R.T. -0.088 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:105 Resp: 119884

Ion	Ratio	Lower	Upper
105	100		
120	12.8	17.2	35.6#
77	3.8	7.6	15.8#
91	3.2	7.7	16.1#

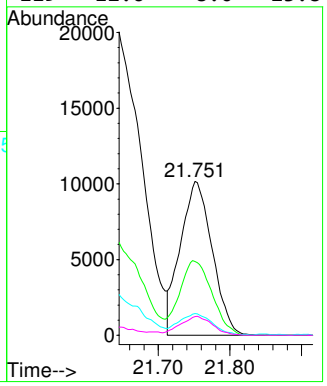


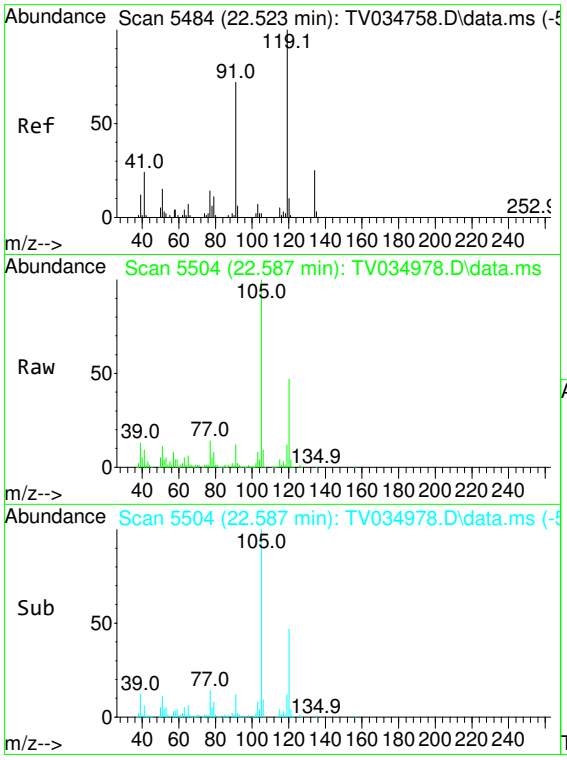


#68
1,3,5-Trimethylbenzene
Concen: 0.27 ppbv
RT: 21.751 min Scan# 5244
Delta R.T. -0.048 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:105 Resp: 31425

Ion	Ratio	Lower	Upper
105	100		
120	49.0	43.4	65.2
77	14.6	10.8	16.2
119	12.6	8.0	23.8

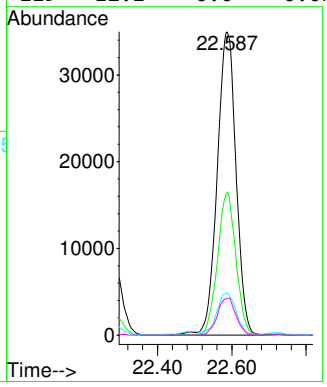




#70
1,2,4-Trimethylbenzene
Concen: 1.03 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034978.D
Acq: 31 Jan 2026 04:05 am

Tgt Ion:105 Resp: 122906

Ion	Ratio	Lower	Upper
105	100		
120	45.8	29.0	60.2
77	14.0	8.2	17.0
119	12.1	0.0	0.0#



Sample Information

Client Sample ID: AI-4 20260122 **Sample ID: 26A1103-08**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:22 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	0.78		D	ug/m³	0.18	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.17	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	4.0	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.52	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.41	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.52	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	0.58	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.41	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.31	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.15	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	28	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.41		D	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	0.58	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.46	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.31	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.35	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.53	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
106-99-0	1,3-Butadiene	ND		J	ug/m³	0.50	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.46	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.35	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.46	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	1.4	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
78-93-3	2-Butanone	ND		J	ug/m³	11	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	0.62	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	1.2	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.31	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
67-64-1	**Acetone**	14		D	ug/m³	9.0	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	8.2	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
71-43-2	**Benzene**	0.90		D	ug/m³	0.24	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	9.8	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.51	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-25-2	Bromoform	ND		U	ug/m³	0.78	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.29	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.24	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Sample Information

Client Sample ID: AI-4 20260122 **Sample ID: 26A1103-08**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:22 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.48		D	ug/m³	0.14	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.35	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.20	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
67-66-3	Chloroform	ND		U	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
74-87-3	**Chloromethane**	1.2		D	ug/m³	0.16	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.15	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.34	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
110-82-7	Cyclohexane	ND		U	ug/m³	0.26	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	0.65	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-71-8	**Dichlorodifluoromethane**	1.7		D	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	14	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
100-41-4	**Ethyl Benzene**	0.36		D	ug/m³	0.33	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	0.81	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
67-63-0	**Isopropanol**	2.2		D	ug/m³	1.1	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.31	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.27	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-09-2	Methylene chloride	ND		J	ug/m³	1.6	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.42	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
142-82-5	**n-Heptane**	1.0		D	ug/m³	0.31	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
110-54-3	**n-Hexane**	1.6		D	ug/m³	0.27	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
103-65-1	* n-Propylbenzene	ND		U	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
95-47-6	**o-Xylene**	0.43		D	ug/m³	0.33	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
179601-23-1	**p- & m- Xylenes**	1.0	A-01	D	ug/m³	0.66	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
622-96-8	* p-Ethyltoluene	ND		U	ug/m³	0.37	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.42	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
115-07-1	*** Propylene**	1.8		D	ug/m³	0.13	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.42	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
100-42-5	Styrene	ND		U	ug/m³	0.32	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.42	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	0.51	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
109-99-9	*** Tetrahydrofuran**	0.85		D	ug/m³	0.45	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
108-88-3	**Toluene**	2.1		D	ug/m³	0.29	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.30	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.34	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Sample Information

Client Sample ID: AI-4 20260122 **Sample ID: 26A1103-08**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 4:22 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.12	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	0.98		D	ug/m³	0.43	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.27	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.33	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.097	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR
1330-20-7	**Xylenes, Total**	1.4		D	ug/m³	0.99	0.758	EPA TO-15	1/30/26 11:46	1/31/26 04:50	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034979.D
Acq On : 31 Jan 2026 04:50 am
Operator : YR
Sample : 26A1103-08
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.758
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:16 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

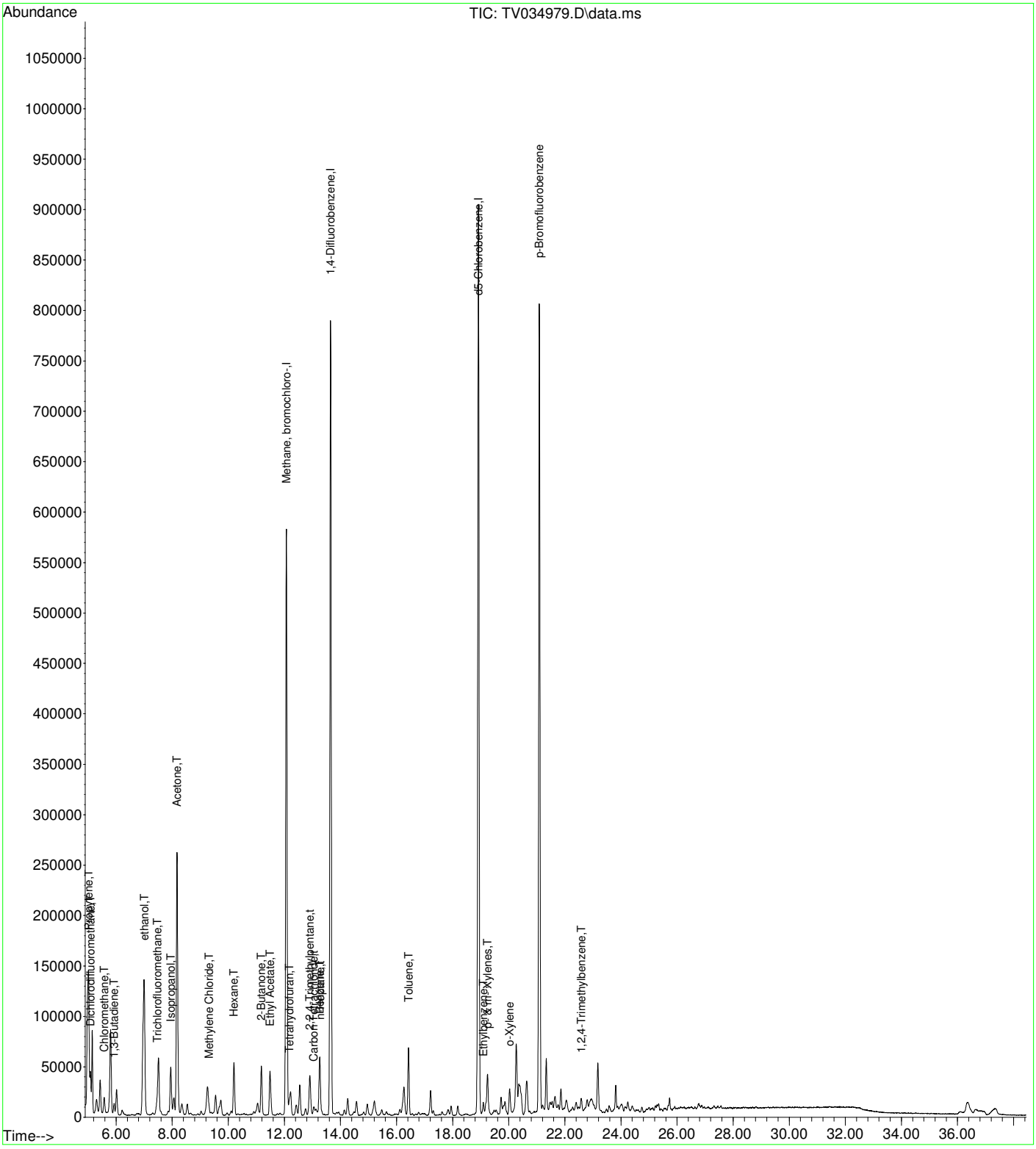
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	676167	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.645	114	963619	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.918	117	805454	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.019	42	38177	1.38	ppbv	#	64
3) Dichlorodifluoromethane	5.086	85	38880	0.45	ppbv	#	92
5) Chloromethane	5.572	50	31157	0.74	ppbv	#	86
7) 1,3-Butadiene	5.925	54	8390	0.23	ppbv		94
10) ethanol	7.006	45	233733	10.02	ppbv		87
12) Trichlorofluoromethane	7.472	101	20696	0.23	ppbv		98
13) Isopropanol	7.948	45	112151	1.20	ppbv		100
15) Acetone	8.173	43	579333	7.85	ppbv		96
19) Methylene Chloride	9.311	49	9543	0.16	ppbv	#	78
24) Hexane	10.199	57	42432	0.61	ppbv		90
27) 2-Butanone	11.176	43	116065	1.14	ppbv	#	84
28) Ethyl Acetate	11.485	43	83097	0.71	ppbv	#	93
31) Tetrahydrofuran	12.179	42	22850	0.38	ppbv	#	64
34) 2,2,4-Trimethylpentane	12.903	57	47782	0.22	ppbv	#	60
35) Carbon Tetrachloride	13.044	117	8071	0.10	ppbv		98
37) Benzene	13.253	78	34368	0.37	ppbv	#	100
38) n-Heptane	13.272	43	30864	0.33	ppbv	#	75
47) Toluene	16.423	91	77478	0.73	ppbv		97
58) Ethylbenzene	19.092	91	14592	0.11	ppbv		95
59) p- & m- Xylenes	19.243	91	32271	0.31	ppbv		98
60) o-Xylene	20.018	91	13582	0.13	ppbv		99
66) p-Bromofluorobenzene	21.089	95	491205	8.30	ppbv		97
70) 1,2,4-Trimethylbenzene	22.584	105	13432	0.11	ppbv	#	98

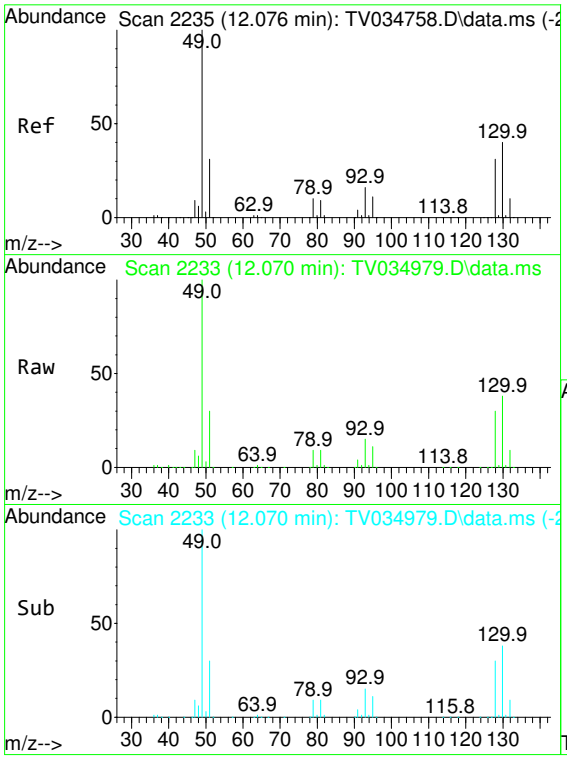
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034979.D
Acq On : 31 Jan 2026 04:50 am
Operator : YR
Sample : 26A1103-08
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.758
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:16 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

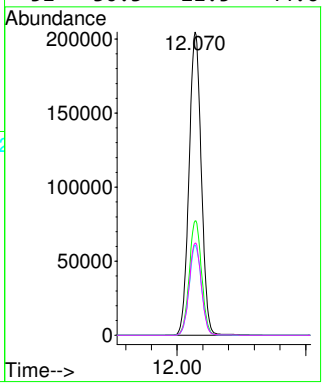


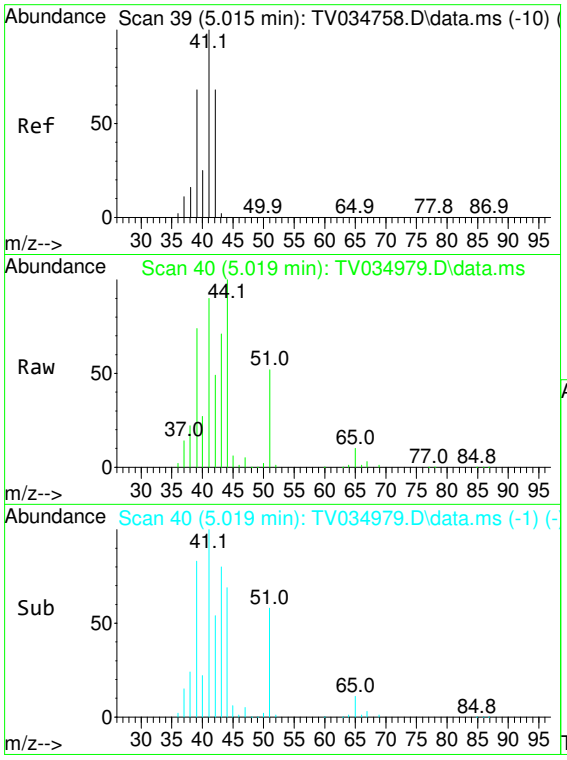


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 49 Resp: 676167

Ion	Ratio	Lower	Upper
49	100		
130	38.1	44.5	92.3#
128	29.8	34.7	72.1#
51	30.3	21.5	44.6

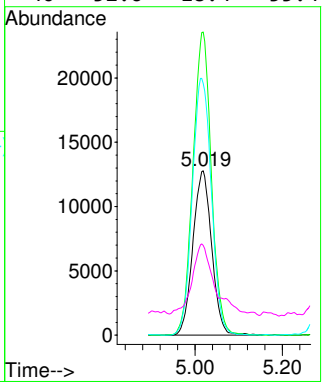


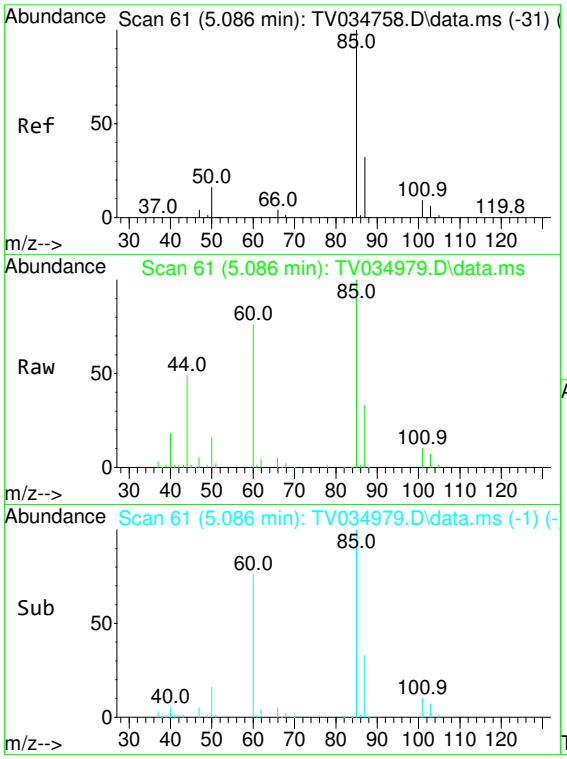


#2
Propylene
Concen: 1.38 ppbv
RT: 5.019 min Scan# 40
Delta R.T. -0.022 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 42 Resp: 38177

Ion	Ratio	Lower	Upper
42	100		
41	180.8	88.9	207.5
39	158.8	52.2	156.6#
40	52.6	18.4	55.4

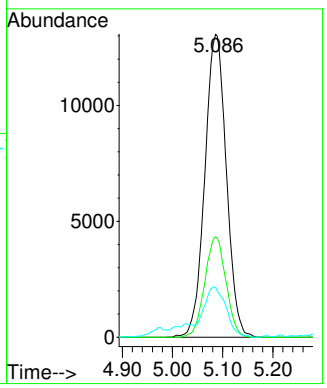


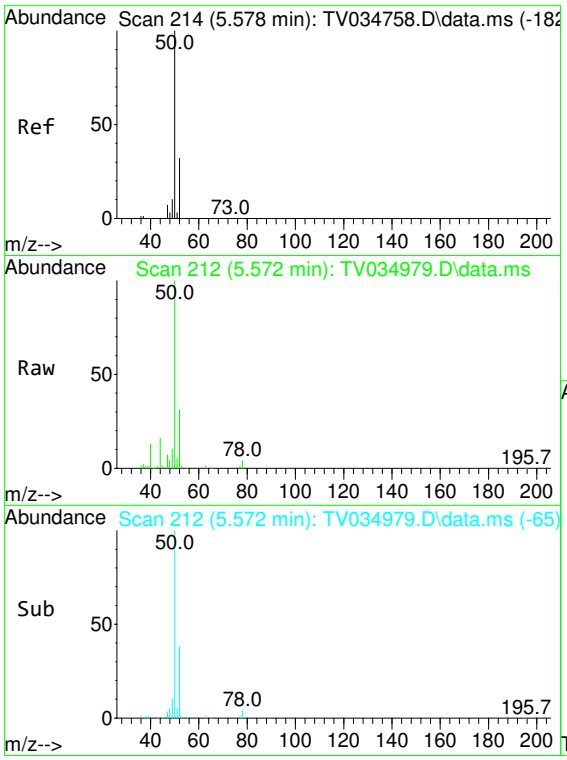


#3
Dichlorodifluoromethane
Concen: 0.45 ppbv
RT: 5.086 min Scan# 61
Delta R.T. -0.026 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 85 Resp: 38880

Ion	Ratio	Lower	Upper
85	100		
87	32.7	21.0	43.6
50	21.4	6.8	14.2#

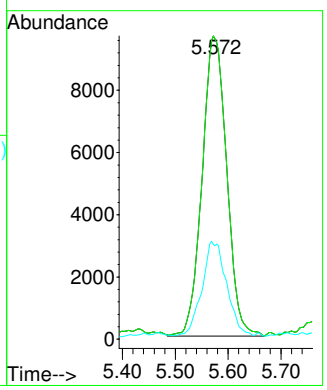


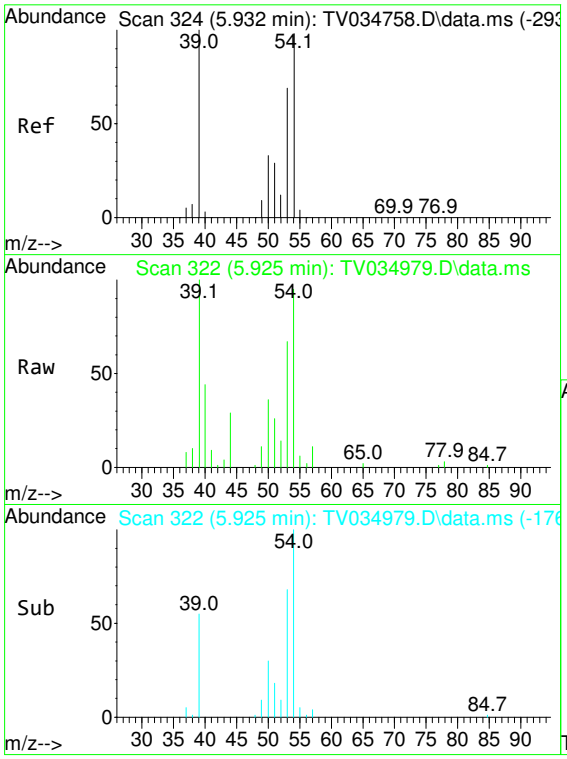


#5
Chloromethane
Concen: 0.74 ppbv
RT: 5.572 min Scan# 212
Delta R.T. -0.027 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 50 Resp: 31157

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	0.0	16.5	49.5#

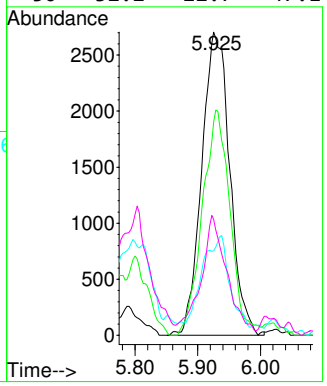


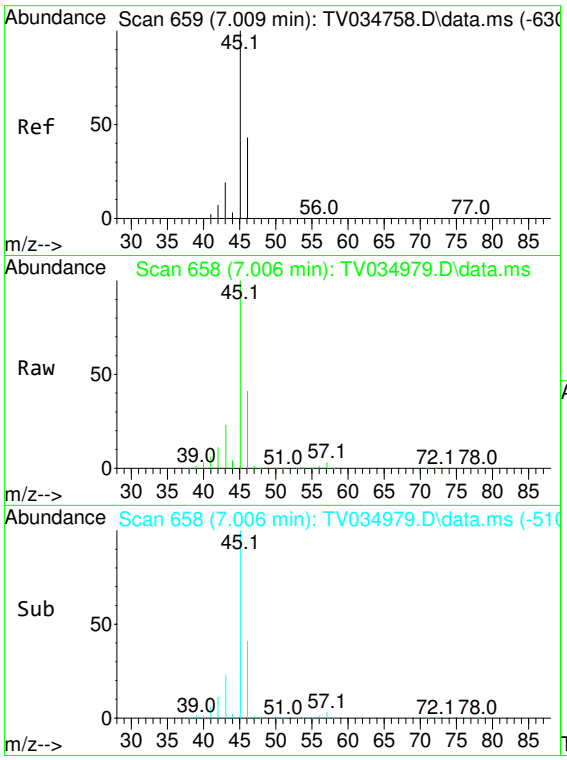


#7
1,3-Butadiene
Concen: 0.23 ppbv
RT: 5.925 min Scan# 322
Delta R.T. -0.031 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 54 Resp: 8390

Ion	Ratio	Lower	Upper
54	100		
53	73.2	43.4	90.2
51	29.7	19.9	41.3
50	32.2	22.7	47.1

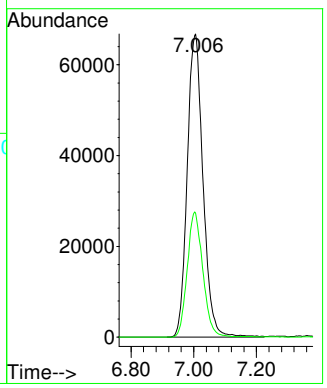


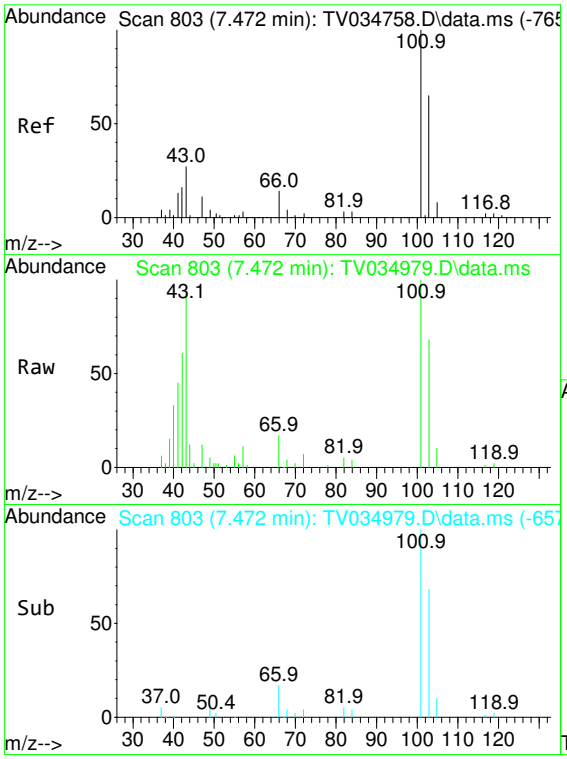


#10
ethanol
Concen: 10.02 ppbv
RT: 7.006 min Scan# 658
Delta R.T. -0.025 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 45 Resp: 233733

Ion	Ratio	Lower	Upper
45	100		
46	40.8	40.0	60.0

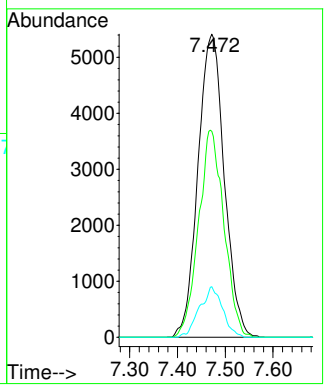


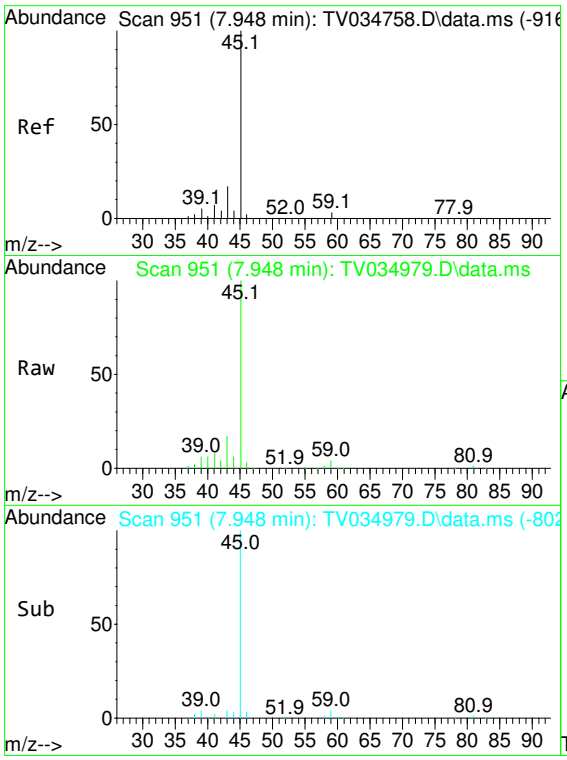


#12
Trichlorofluoromethane
Concen: 0.23 ppbv
RT: 7.472 min Scan# 803
Delta R.T. -0.030 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion:101 Resp: 20696

Ion	Ratio	Lower	Upper
101	100		
103	66.0	42.4	88.0
66	14.7	7.9	16.5

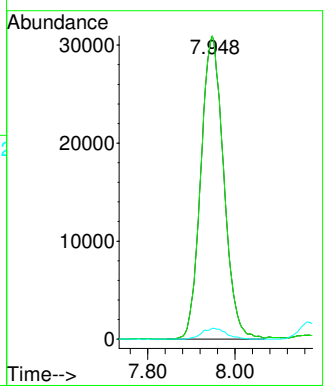


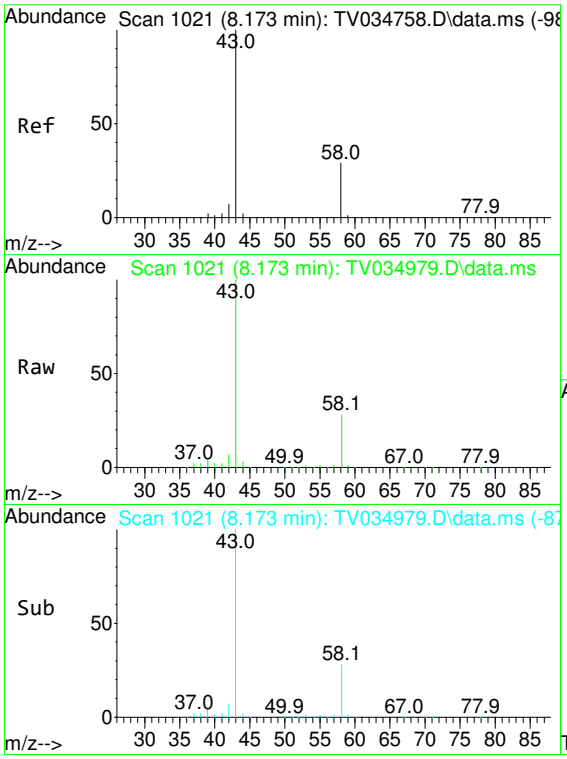


#13
Isopropanol
Concen: 1.20 ppbv
RT: 7.948 min Scan# 951
Delta R.T. -0.021 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 45 Resp: 112151

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.8	0.0	8.4

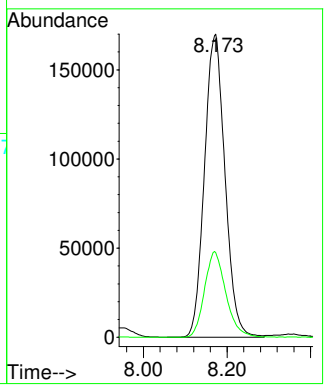


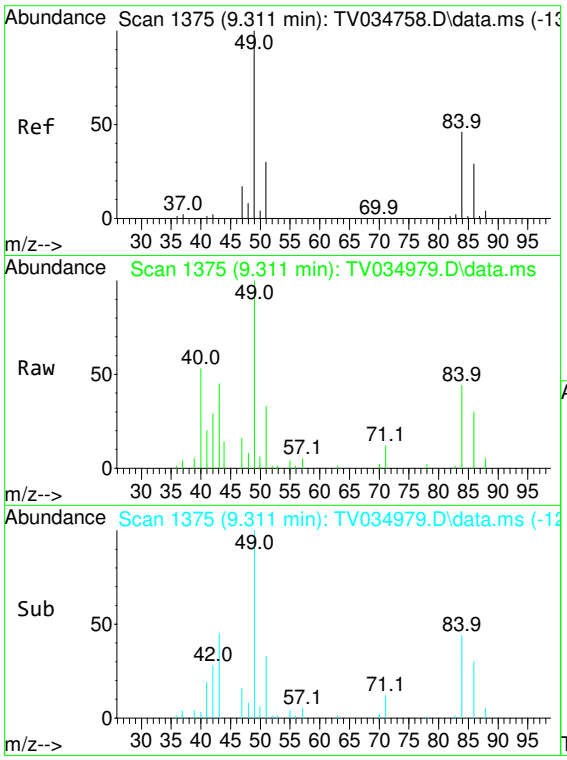


#15
Acetone
Concen: 7.85 ppbv
RT: 8.173 min Scan# 1021
Delta R.T. -0.028 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 43 Resp: 579333

Ion	Ratio	Lower	Upper
43	100		
58	29.6	20.7	42.9

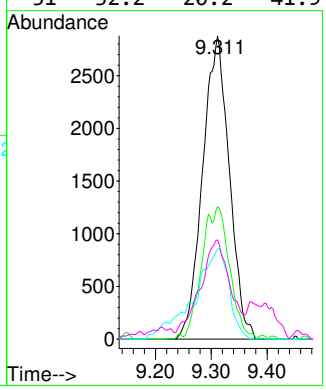


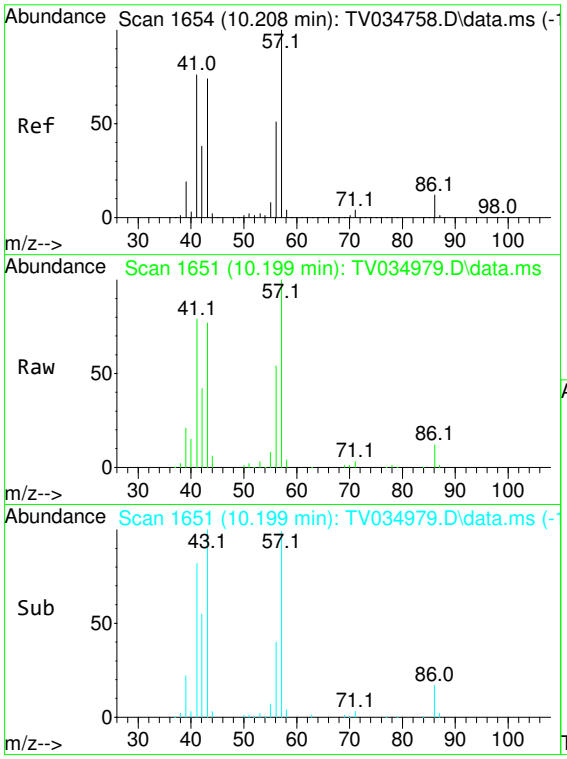


#19
Methylene Chloride
Concen: 0.16 ppbv
RT: 9.311 min Scan# 1375
Delta R.T. -0.034 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 49 Resp: 9543

Ion	Ratio	Lower	Upper
49	100		
84	46.4	50.1	104.0#
86	39.5	32.2	66.8
51	32.2	20.2	41.9

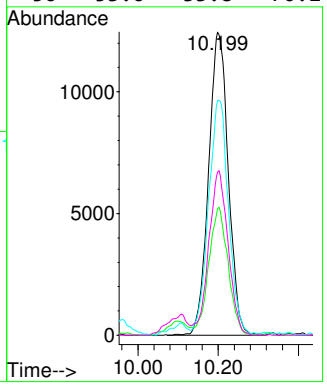


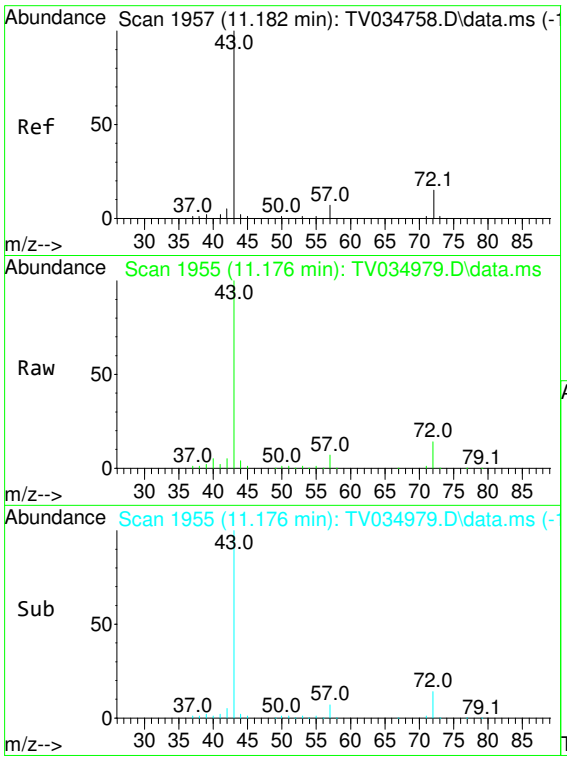


#24
Hexane
Concen: 0.61 ppbv
RT: 10.199 min Scan# 1651
Delta R.T. -0.035 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 57 Resp: 42432

Ion	Ratio	Lower	Upper
57	100		
42	40.9	22.2	46.0
43	78.0	42.9	89.1
56	53.6	33.8	70.2

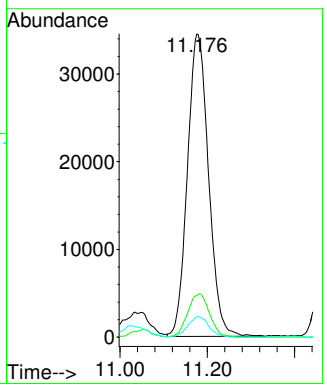


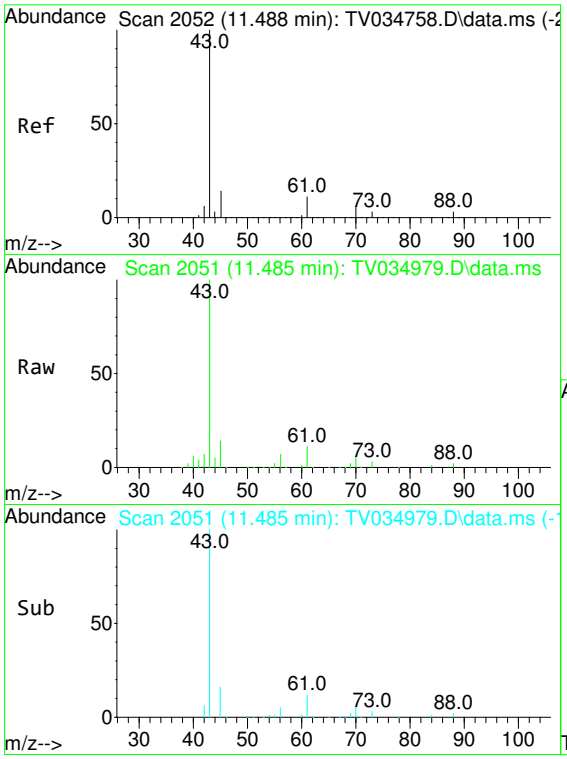


#27
2-Butanone
Concen: 1.14 ppbv
RT: 11.176 min Scan# 1955
Delta R.T. -0.036 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 43 Resp: 116065

Ion	Ratio	Lower	Upper
43	100		
72	14.9	16.4	34.2#
57	6.9	5.0	10.4

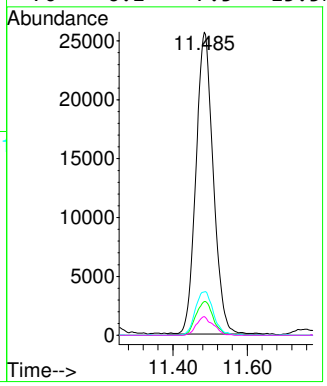


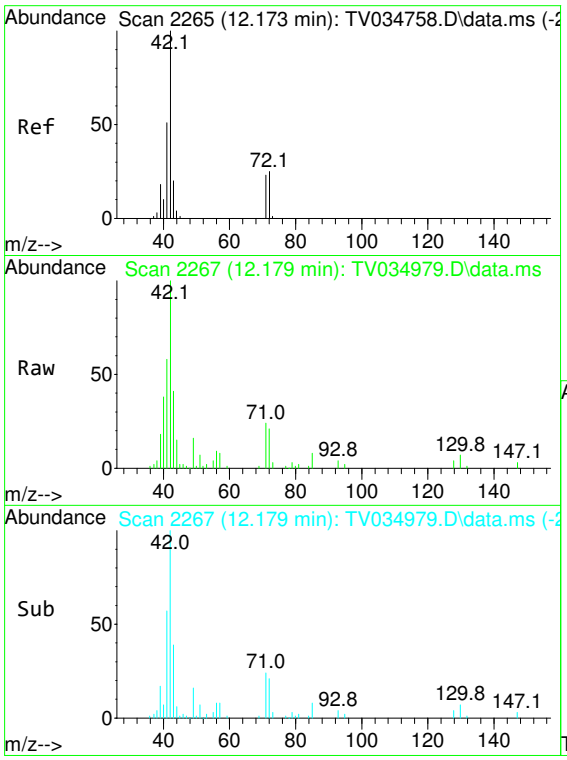


#28
Ethyl Acetate
Concen: 0.71 ppbv
RT: 11.485 min Scan# 2051
Delta R.T. -0.034 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 43 Resp: 83097

Ion	Ratio	Lower	Upper
43	100		
61	11.4	9.2	19.2
45	15.1	9.4	19.6
70	6.1	7.5	15.5#

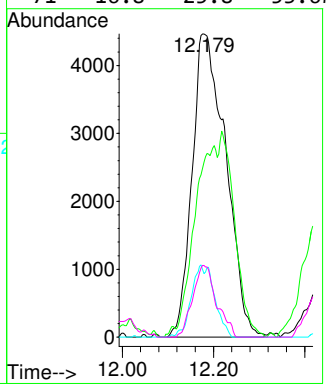


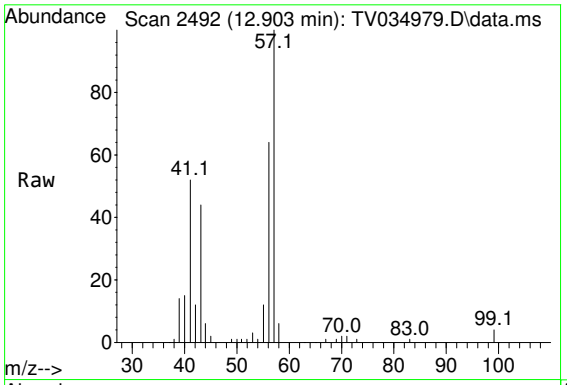


#31
Tetrahydrofuran
Concen: 0.38 ppbv
RT: 12.179 min Scan# 2267
Delta R.T. -0.023 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 42 Resp: 22850

Ion	Ratio	Lower	Upper
42	100		
41	76.0	34.5	71.7#
72	16.5	27.4	56.8#
71	16.8	25.8	53.6#

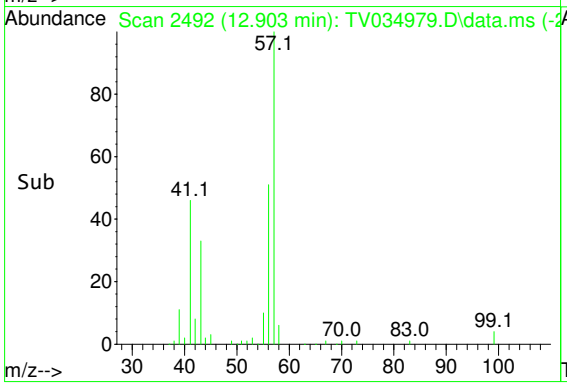


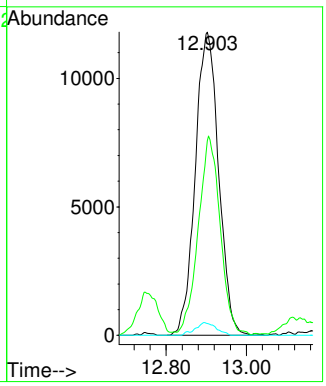


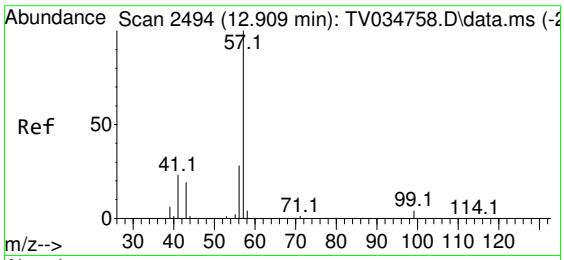
#34
2,2,4-Trimethylpentane
Concen: 0.22 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 57 Resp: 47782

Ion	Ratio	Lower	Upper
57	100		
56	61.4	24.5	45.5#
99	3.8	3.5	6.5



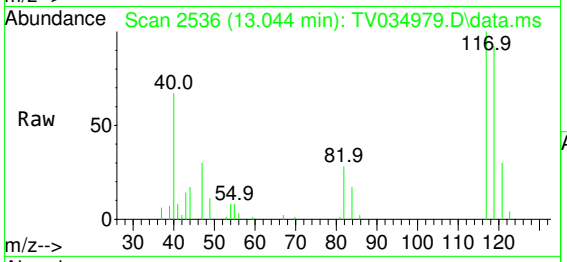


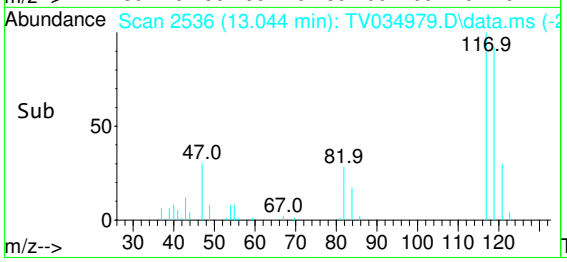


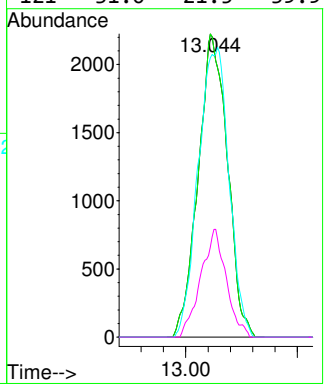
#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 13.044 min Scan# 2536
Delta R.T. -0.044 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

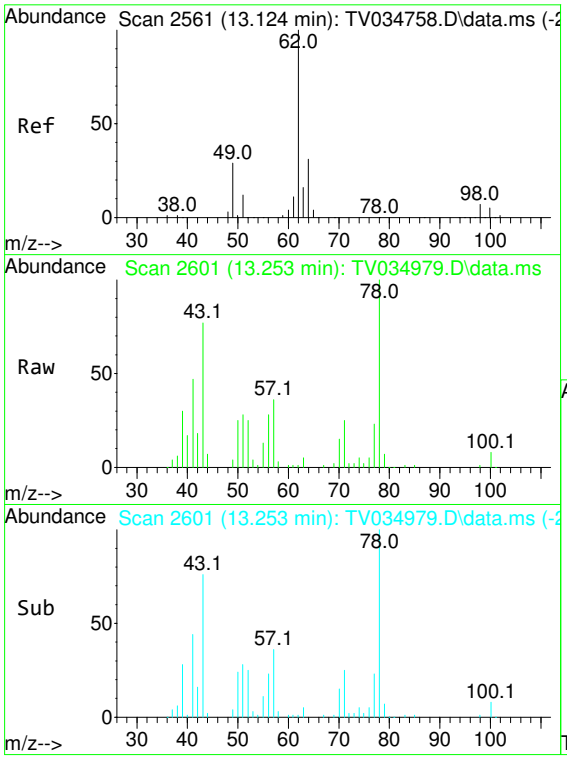
Tgt Ion:117 Resp: 8071

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	100.6	76.5	114.7
121	31.0	21.5	39.9





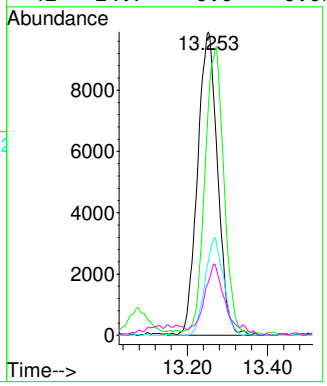


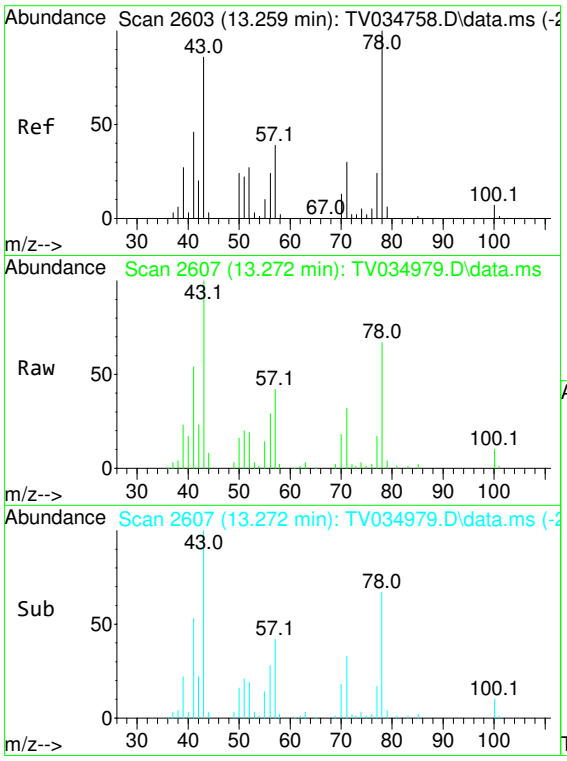


#37
Benzene
Concen: 0.37 ppbv
RT: 13.253 min Scan# 2601
Delta R.T. -0.041 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 78 Resp: 34368

Ion	Ratio	Lower	Upper
78	100		
43	89.8	0.0	0.0#
71	29.6	0.0	0.0#
42	24.7	0.0	0.0#

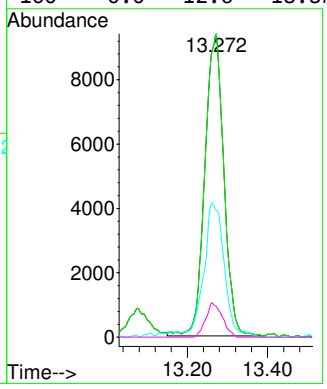


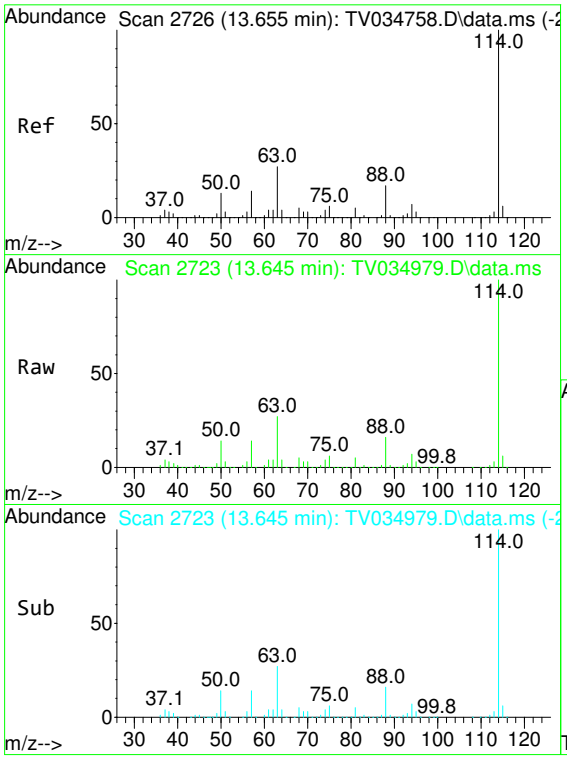


#38
n-Heptane
Concen: 0.33 ppbv
RT: 13.272 min Scan# 2607
Delta R.T. -0.032 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 43 Resp: 30864

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	0.0	12.6	18.8#

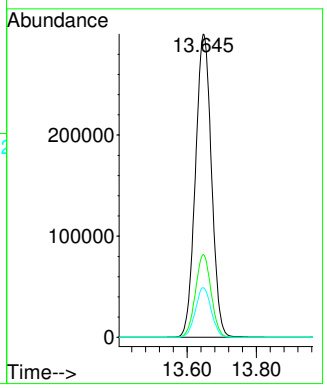


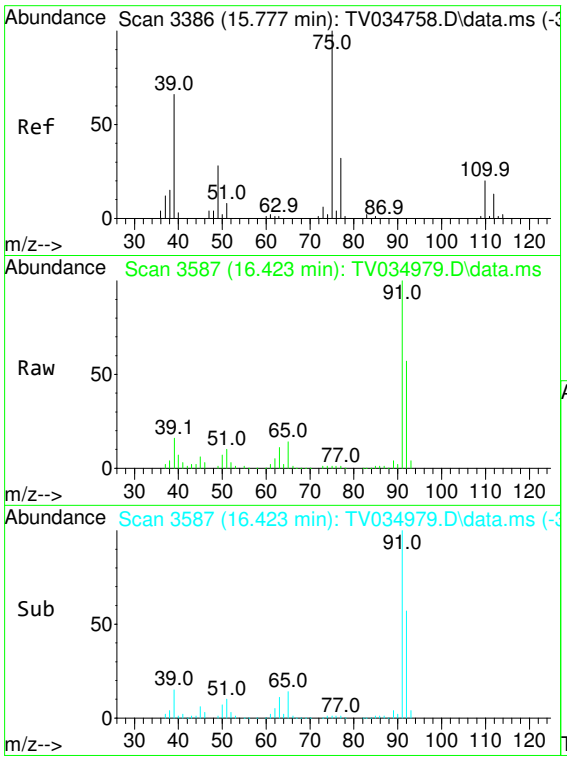


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion:114 Resp: 963619

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.2	11.2	23.2

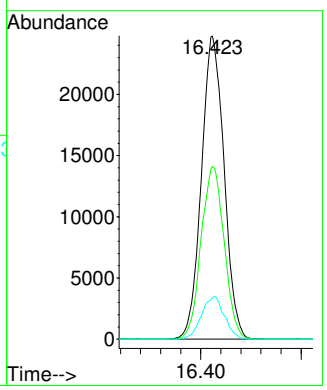


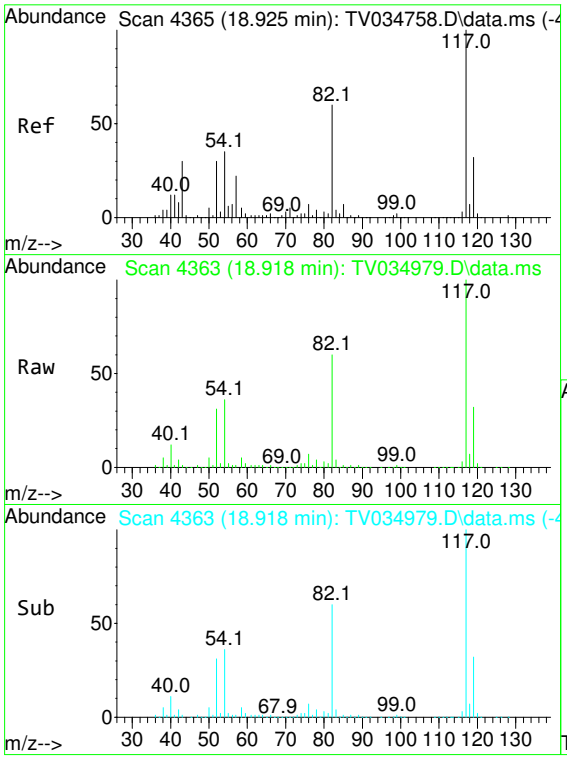


#47
Toluene
Concen: 0.73 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 91 Resp: 77478

Ion	Ratio	Lower	Upper
91	100		
92	58.1	39.0	81.0
65	14.2	7.7	16.1

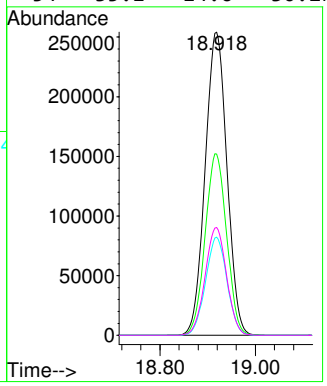


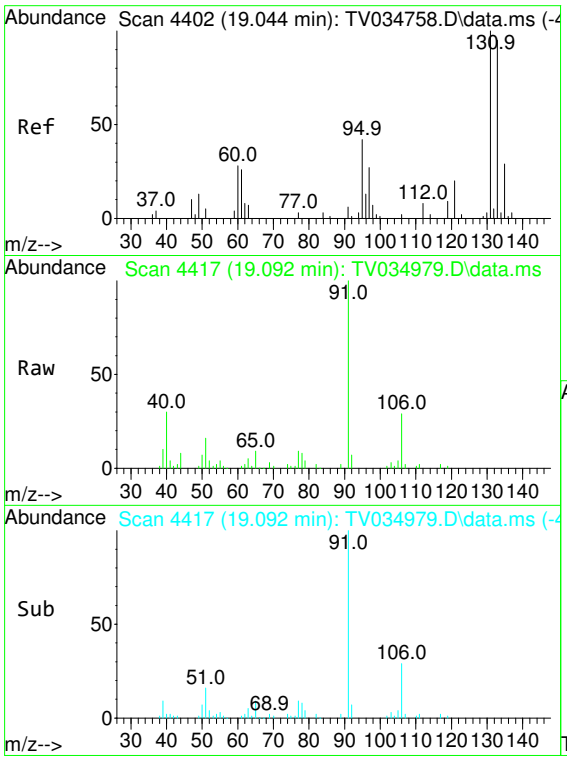


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion:117 Resp: 805454

Ion	Ratio	Lower	Upper
117	100		
82	59.1	38.7	80.5
119	32.0	20.3	42.3
54	35.1	14.6	30.2#

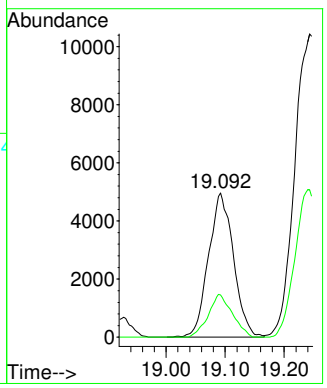


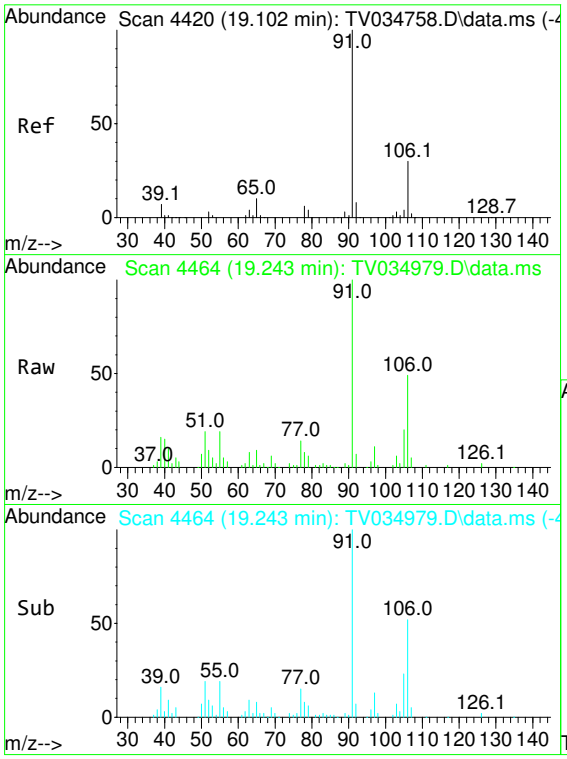


#58
Ethylbenzene
Concen: 0.11 ppbv
RT: 19.092 min Scan# 4417
Delta R.T. -0.043 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 91 Resp: 14592

Ion	Ratio	Lower	Upper
91	100		
106	28.6	20.3	42.3

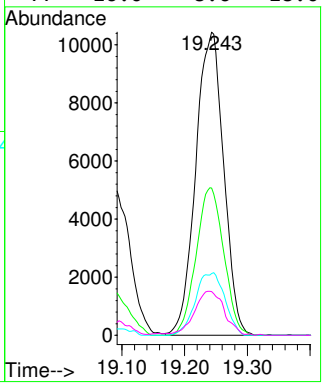


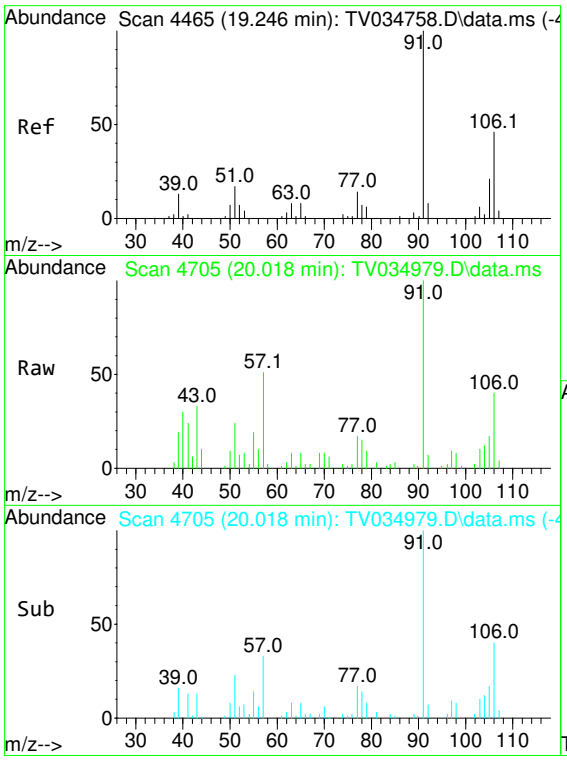


#59
p- & m- Xylenes
Concen: 0.31 ppbv
RT: 19.243 min Scan# 4464
Delta R.T. -0.039 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 91 Resp: 32271

Ion	Ratio	Lower	Upper
91	100		
106	48.2	31.0	64.4
105	21.8	13.4	27.8
77	16.0	8.6	18.0

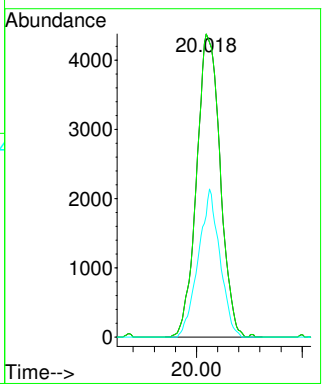


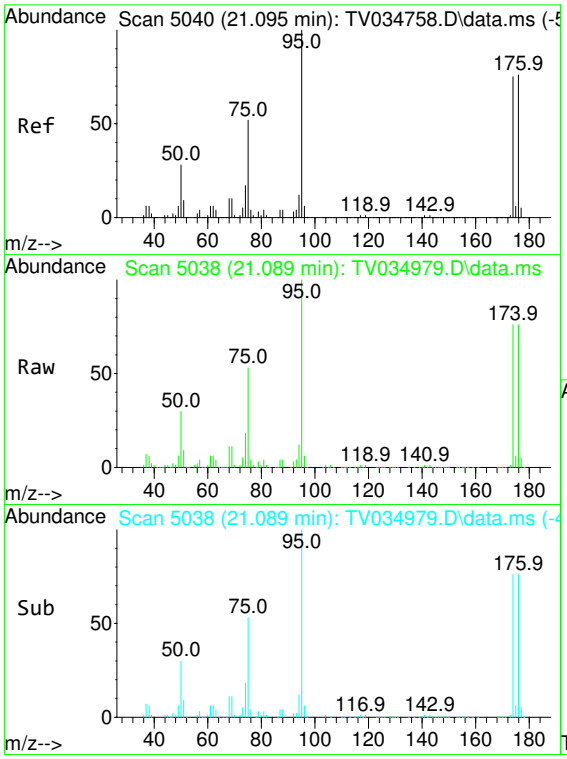


#60
o-Xylene
Concen: 0.13 ppbv
RT: 20.018 min Scan# 4705
Delta R.T. -0.048 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 91 Resp: 13582

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.6	36.9	55.3

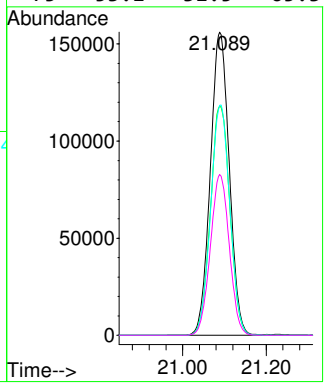


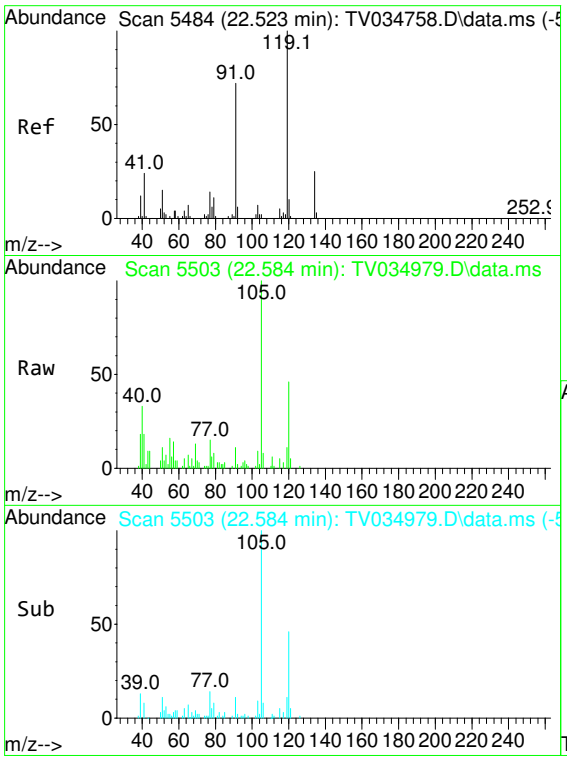


#66
p-Bromofluorobenzene
Concen: 8.30 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion: 95 Resp: 491205

Ion	Ratio	Lower	Upper
95	100		
174	77.6	50.0	103.8
176	77.1	48.2	100.2
75	53.1	31.5	65.3

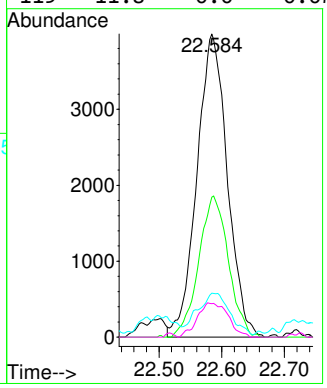




#70
1,2,4-Trimethylbenzene
Concen: 0.11 ppbv
RT: 22.584 min Scan# 5503
Delta R.T. -0.052 min
Lab File: TV034979.D
Acq: 31 Jan 2026 04:50 am

Tgt Ion:105 Resp: 13432

Ion	Ratio	Lower	Upper
105	100		
120	45.5	29.0	60.2
77	14.5	8.2	17.0
119	11.8	0.0	0.0#



Sample Information

Client Sample ID: SSV-5 20260122 **Sample ID: 26A1103-09**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:02 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	8.8		D	ug/m³	0.35	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.34	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	7.9	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	1.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.82	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	1.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	1.2	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.82	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.61	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.30	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	56	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
95-63-6	**1,2,4-Trimethylbenzene**	8.1		D	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	1.2	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.90	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.61	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.69	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	1.1	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
108-67-8	**1,3,5-Trimethylbenzene**	2.1		D	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
106-99-0	1,3-Butadiene	ND		U	ug/m³	1.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.90	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.70	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.90	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	2.7	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
78-93-3	2-Butanone	ND		J	ug/m³	22	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	1.2	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	2.4	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.62	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
67-64-1	Acetone	ND		J	ug/m³	18	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	16	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
71-43-2	**Benzene**	1.5		D	ug/m³	0.48	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	19	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	1.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-25-2	Bromoform	ND		U	ug/m³	1.6	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.58	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-15-0	**Carbon disulfide**	1.9		D	ug/m³	0.47	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Sample Information

Client Sample ID: SSV-5 20260122 **Sample ID: 26A1103-09**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:02 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.95		D	ug/m³	0.28	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.69	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.40	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
67-66-3	**Chloroform**	2.1		D	ug/m³	0.73	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
74-87-3	Chloromethane	ND		U	ug/m³	0.31	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.30	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.68	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
110-82-7	**Cyclohexane**	1.2		D	ug/m³	0.52	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	1.3	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-71-8	**Dichlorodifluoromethane**	1.9		D	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	27	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
100-41-4	**Ethyl Benzene**	5.6		D	ug/m³	0.65	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	1.6	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
67-63-0	Isopropanol	ND		J	ug/m³	2.2	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.62	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.54	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-09-2	Methylene chloride	ND		U	ug/m³	3.1	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.83	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
142-82-5	**n-Heptane**	2.3		D	ug/m³	0.62	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
110-54-3	**n-Hexane**	12		D	ug/m³	0.53	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
103-65-1	*** n-Propylbenzene**	1.5		D	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
95-47-6	**o-Xylene**	8.0		D	ug/m³	0.65	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
179601-23-1	**p- & m- Xylenes**	23	A-01	D	ug/m³	1.3	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
622-96-8	*** p-Ethyltoluene**	6.7		D	ug/m³	0.74	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.83	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
115-07-1	* Propylene	ND		U	ug/m³	0.26	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.83	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
100-42-5	Styrene	ND		U	ug/m³	0.64	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.83	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	1.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
109-99-9	*** Tetrahydrofuran**	2.1		D	ug/m³	0.89	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
108-88-3	**Toluene**	17		D	ug/m³	0.57	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.60	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.68	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Sample Information

Client Sample ID: SSV-5 20260122 **Sample ID: 26A1103-09**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Soil Vapor	January 22, 2026 4:02 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.24	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.85	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.53	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.66	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.19	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR
1330-20-7	**Xylenes, Total**	31		D	ug/m³	2.0	1.504	EPA TO-15	1/30/26 11:46	1/31/26 05:36	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034980.D
Acq On : 31 Jan 2026 05:36 am
Operator : YR
Sample : 26A1103-09
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.504
InstName : TO15_AIR3

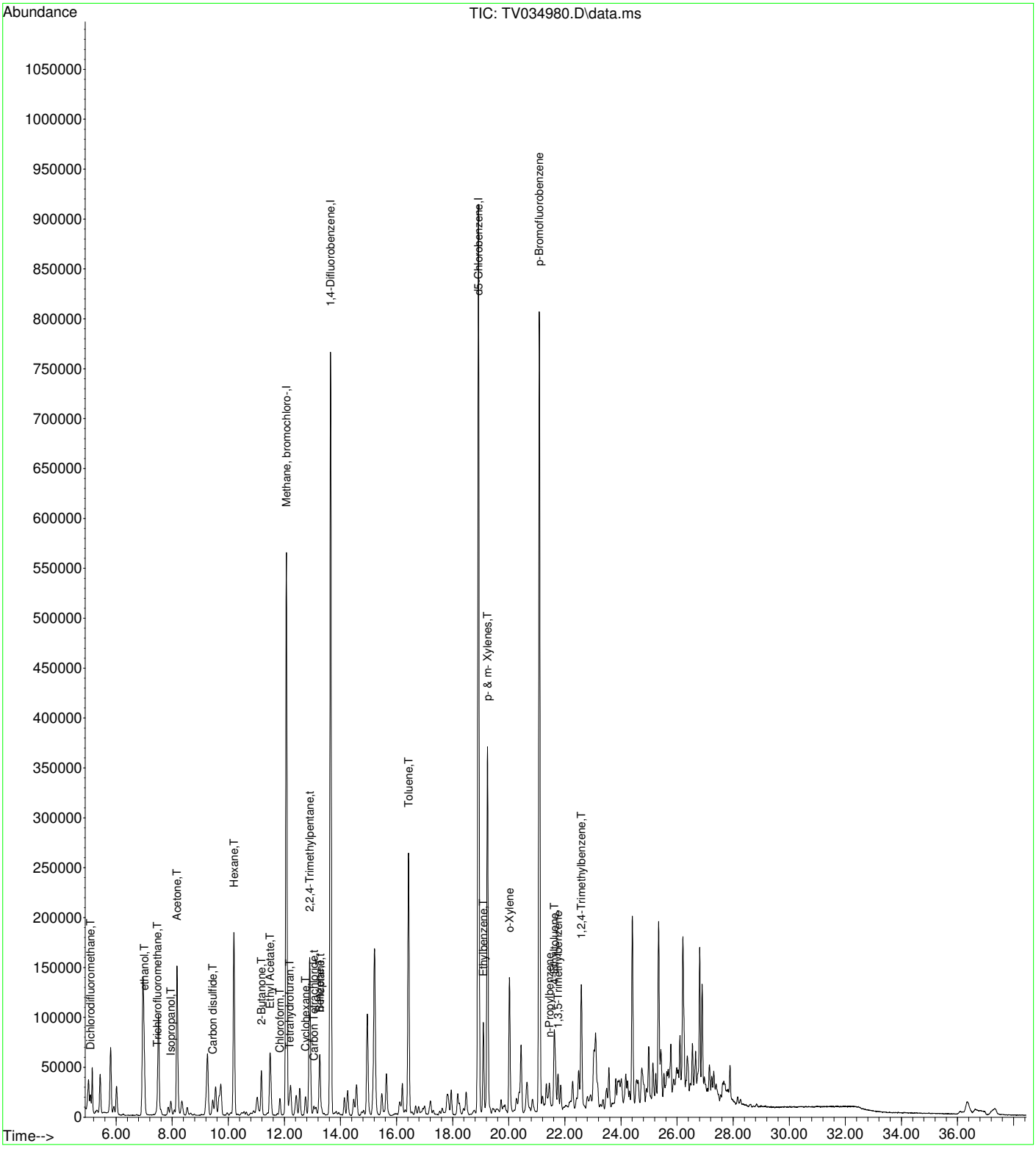
Quant Time: Jan 31 08:34:24 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

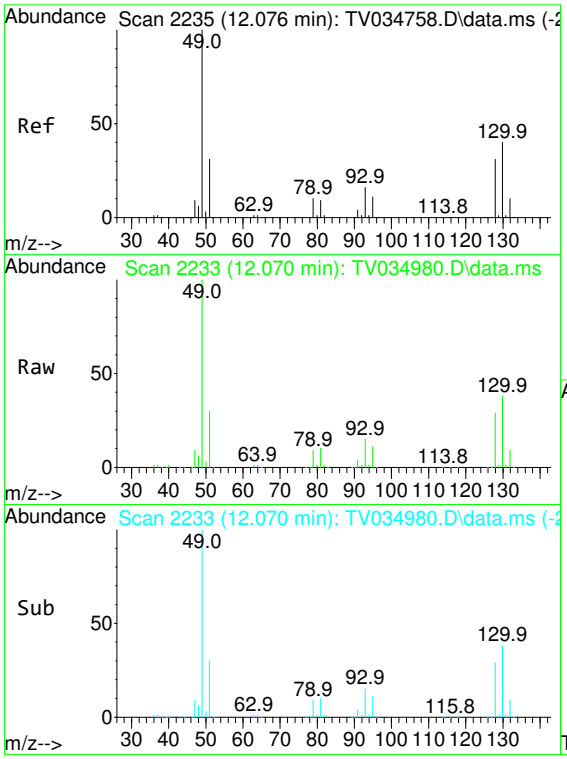
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.070	49	664268	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.645	114	928500	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.918	117	793663	10.00	ppbv		#-0.04
Target Compounds							Qvalue
3) Dichlorodifluoromethane	5.089	85	22606	0.26	ppbv	#	93
10) ethanol	6.999	45	94751	4.13	ppbv		89
12) Trichlorofluoromethane	7.465	101	10724	0.12	ppbv		97
13) Isopropanol	7.951	45	34242	0.37	ppbv		100
15) Acetone	8.170	43	317910	4.38	ppbv		96
21) Carbon disulfide	9.440	76	34109	0.41	ppbv	#	80
24) Hexane	10.202	57	152633	2.22	ppbv		91
27) 2-Butanone	11.179	43	104898	1.05	ppbv	#	83
28) Ethyl Acetate	11.485	43	104462	0.91	ppbv	#	93
30) Chloroform	11.838	83	20780	0.29	ppbv	#	92
31) Tetrahydrofuran	12.186	42	28182	0.48	ppbv	#	61
33) Cyclohexane	12.755	56	17892	0.24	ppbv		78
34) 2,2,4-Trimethylpentane	12.903	57	272267	1.25	ppbv		94
35) Carbon Tetrachloride	13.047	117	8145	0.10	ppbv		100
37) Benzene	13.253	78	29001	0.32	ppbv	#	100
38) n-Heptane	13.269	43	34891	0.38	ppbv	#	77
47) Toluene	16.423	91	302918	2.96	ppbv		98
58) Ethylbenzene	19.092	91	112707	0.86	ppbv		98
59) p- & m- Xylenes	19.240	91	353721	3.46	ppbv		100
60) o-Xylene	20.021	91	129155	1.22	ppbv		100
63) n-Propylbenzene	21.446	91	35323	0.20	ppbv		99
66) p-Bromofluorobenzene	21.089	95	487916	8.37	ppbv		97
67) 4-Ethyltoluene	21.622	105	124176m	0.90	ppbv		
68) 1,3,5-Trimethylbenzene	21.757	105	33253	0.28	ppbv		94
70) 1,2,4-Trimethylbenzene	22.587	105	133606	1.10	ppbv	#	98

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034980.D
Acq On : 31 Jan 2026 05:36 am
Operator : YR
Sample : 26A1103-09
Misc : QBTO3091525A 1X
ALS Vial : 12 Sample Multiplier: 1.504
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:24 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

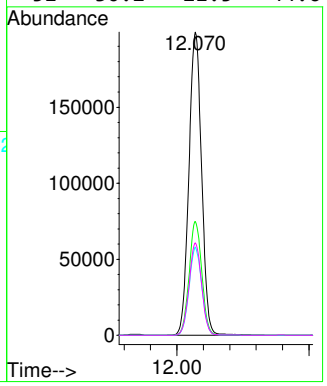


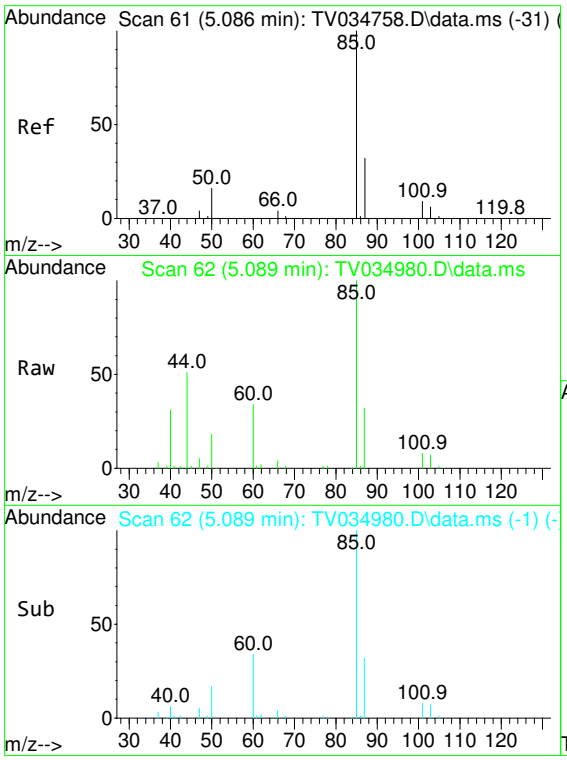


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 49 Resp: 664268

Ion	Ratio	Lower	Upper
49	100		
130	37.6	44.5	92.3#
128	29.1	34.7	72.1#
51	30.2	21.5	44.6

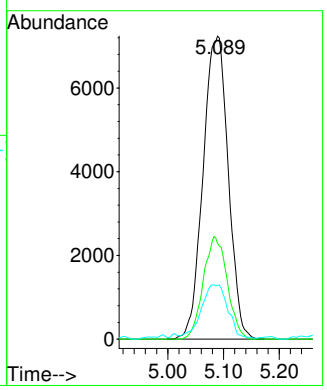


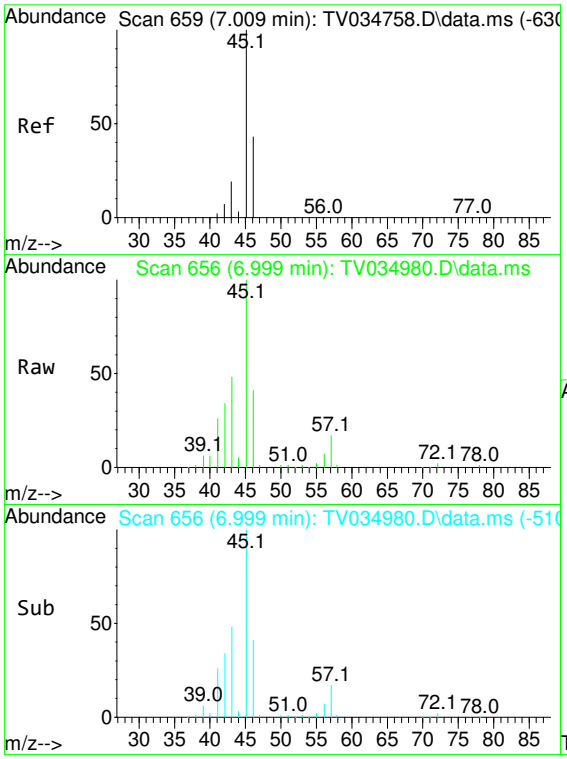


#3
Dichlorodifluoromethane
Concen: 0.26 ppbv
RT: 5.089 min Scan# 62
Delta R.T. -0.023 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 85 Resp: 22606

Ion	Ratio	Lower	Upper
85	100		
87	32.2	21.0	43.6
50	20.5	6.8	14.2#

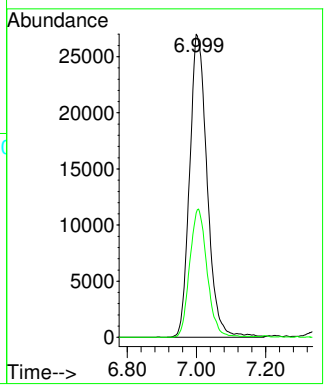


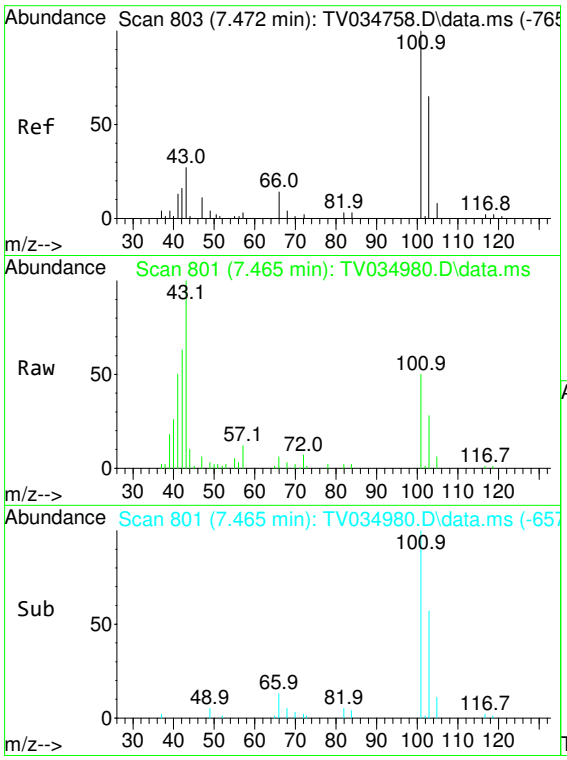


#10
ethanol
Concen: 4.13 ppbv
RT: 6.999 min Scan# 656
Delta R.T. -0.032 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 45 Resp: 94751

Ion	Ratio	Lower	Upper
45	100		
46	42.3	40.0	60.0

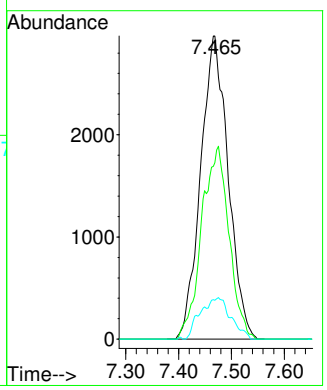


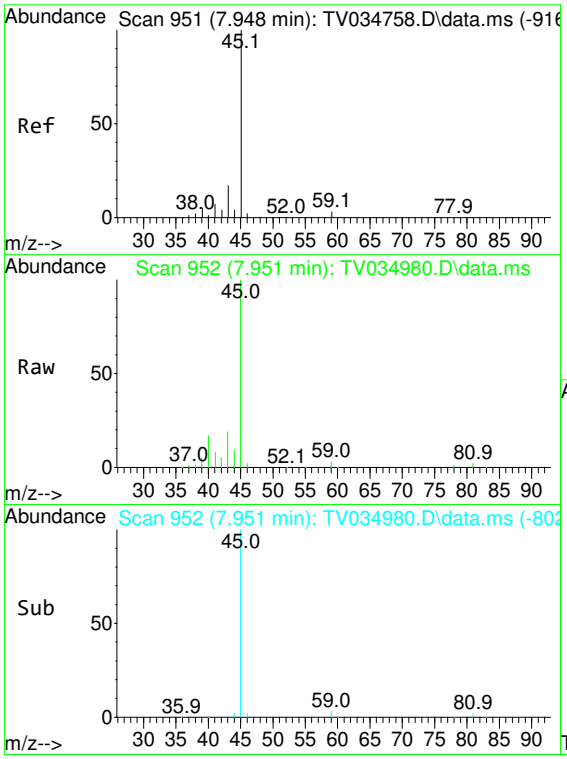


#12
Trichlorofluoromethane
Concen: 0.12 ppbv
RT: 7.465 min Scan# 801
Delta R.T. -0.037 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:101 Resp: 10724

Ion	Ratio	Lower	Upper
101	100		
103	63.2	42.4	88.0
66	15.2	7.9	16.5

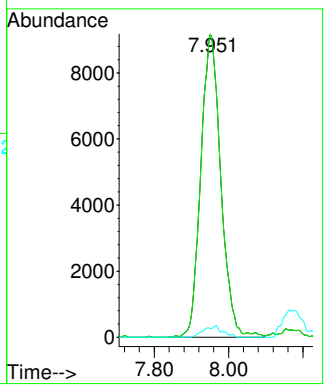


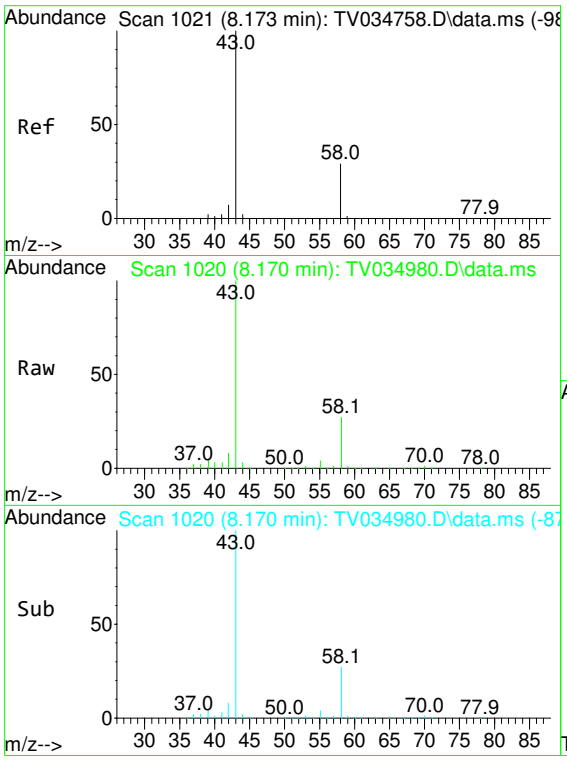


#13
Isopropanol
Concen: 0.37 ppbv
RT: 7.951 min Scan# 952
Delta R.T. -0.018 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 45 Resp: 34242

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.6	0.0	8.4

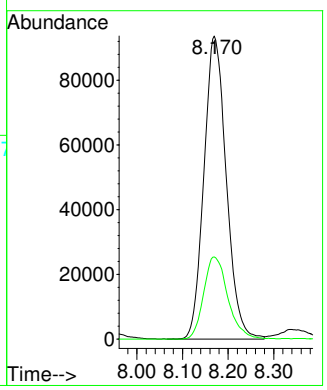


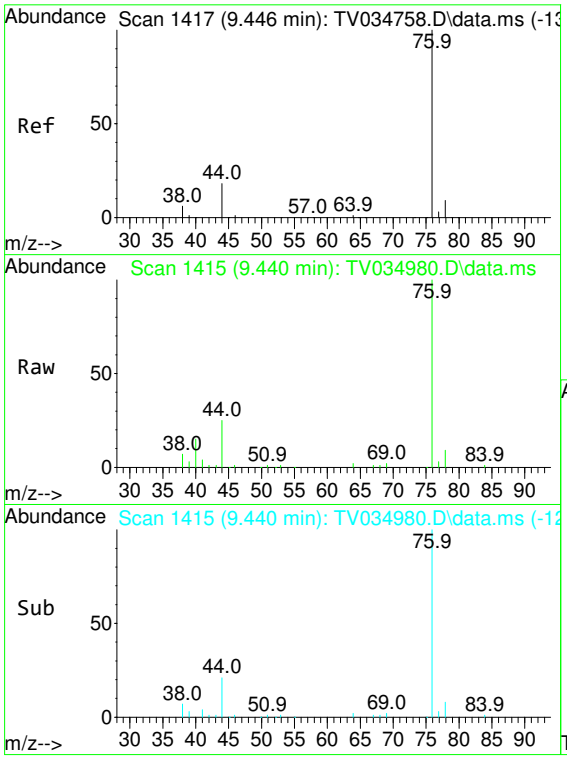


#15
Acetone
Concen: 4.38 ppbv
RT: 8.170 min Scan# 1020
Delta R.T. -0.031 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 43 Resp: 317910

Ion	Ratio	Lower	Upper
43	100		
58	29.6	20.7	42.9

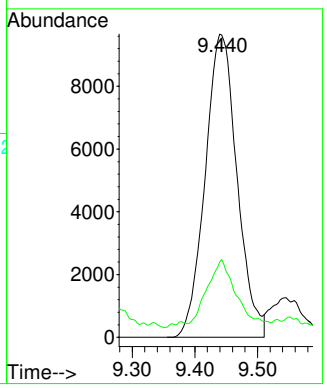


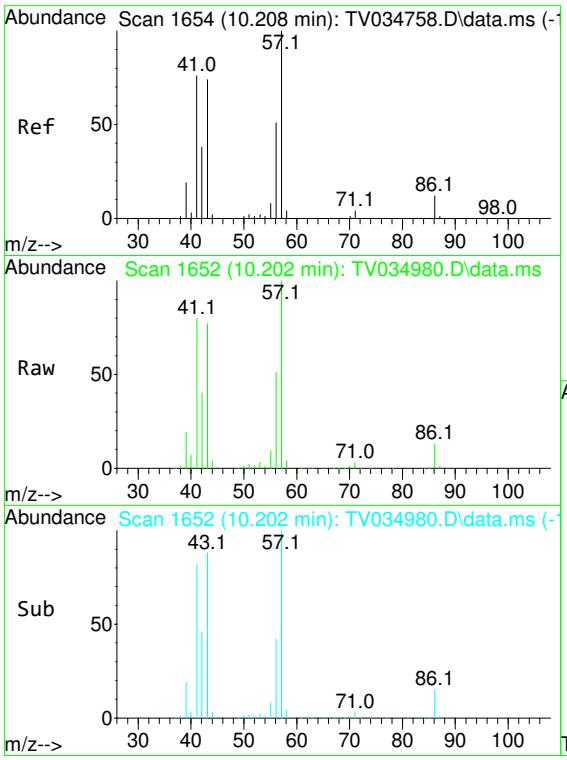


#21
Carbon disulfide
Concen: 0.41 ppbv
RT: 9.440 min Scan# 1415
Delta R.T. -0.039 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 76 Resp: 34109

Ion	Ratio	Lower	Upper
76	100		
44	21.0	8.4	17.4#

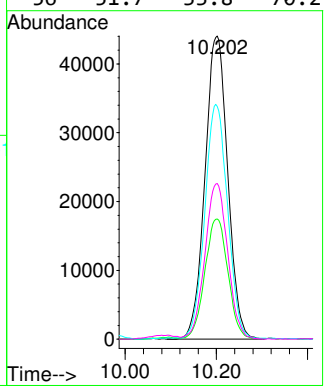


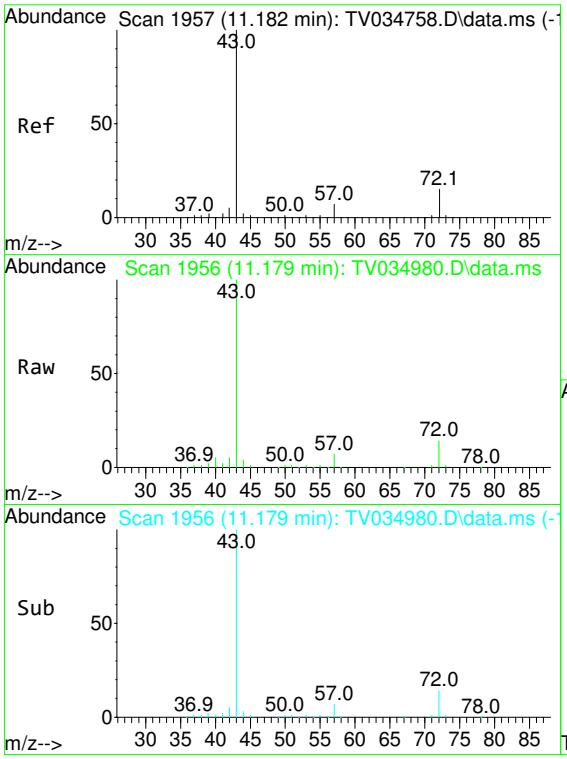


#24
Hexane
Concen: 2.22 ppbv
RT: 10.202 min Scan# 1652
Delta R.T. -0.032 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 57 Resp: 152633

Ion	Ratio	Lower	Upper
57	100		
42	40.0	22.2	46.0
43	78.8	42.9	89.1
56	51.7	33.8	70.2

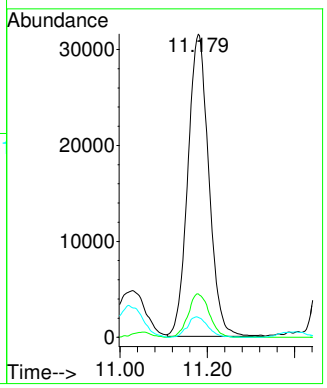


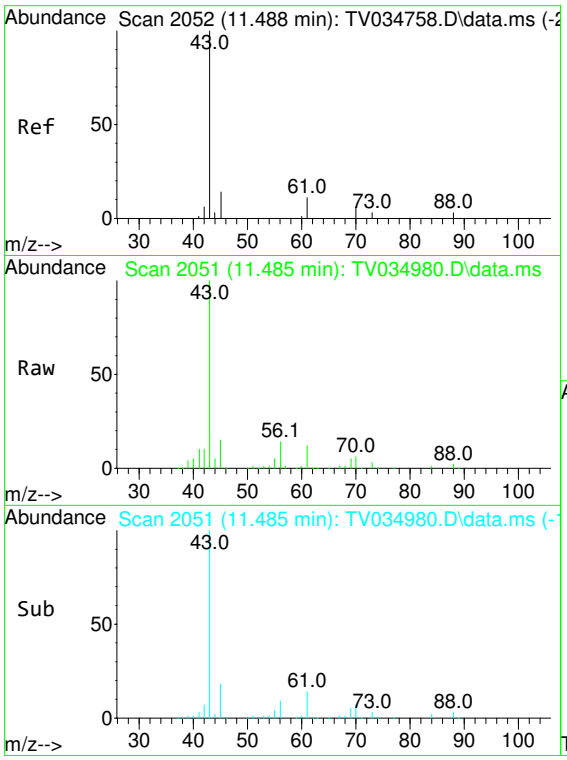


#27
2-Butanone
Concen: 1.05 ppbv
RT: 11.179 min Scan# 1956
Delta R.T. -0.033 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 43 Resp: 104898

Ion	Ratio	Lower	Upper
43	100		
72	14.5	16.4	34.2#
57	6.7	5.0	10.4

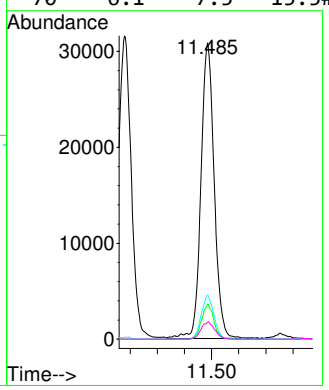


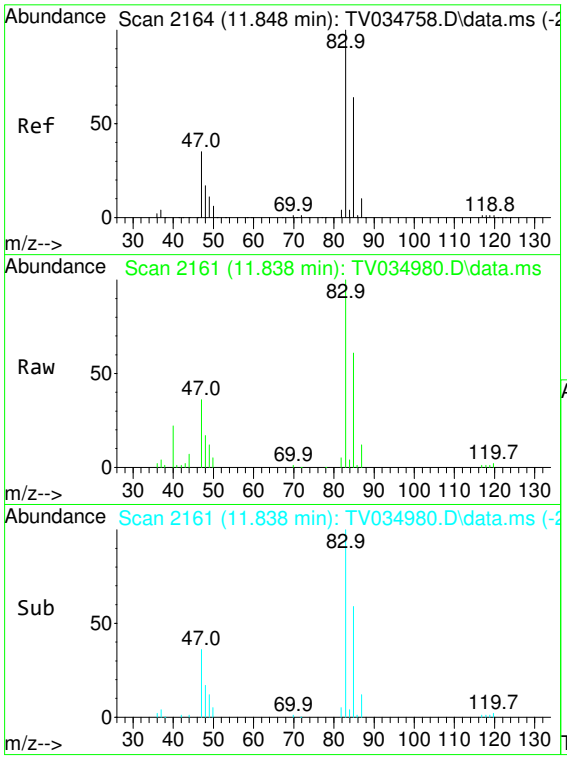


#28
Ethyl Acetate
Concen: 0.91 ppbv
RT: 11.485 min Scan# 2051
Delta R.T. -0.034 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 43 Resp: 104462

Ion	Ratio	Lower	Upper
43	100		
61	11.1	9.2	19.2
45	14.3	9.4	19.6
70	6.1	7.5	15.5#

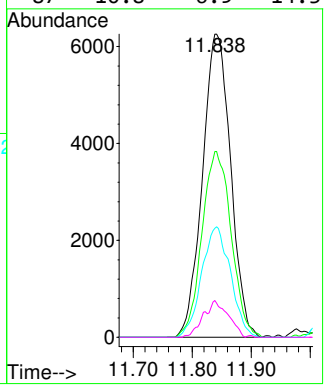


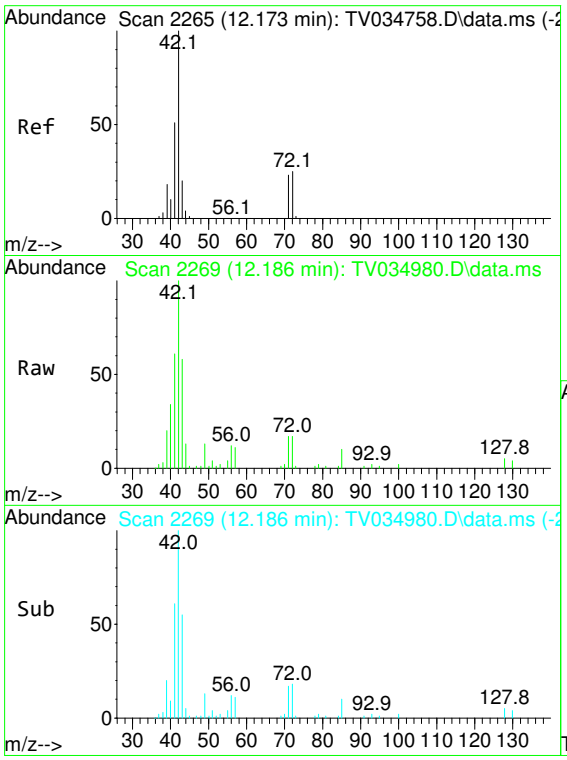


#30
Chloroform
Concen: 0.29 ppbv
RT: 11.838 min Scan# 2161
Delta R.T. -0.044 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 83 Resp: 20780

Ion	Ratio	Lower	Upper
83	100		
85	63.4	42.2	87.6
47	37.4	14.8	30.8#
87	10.8	6.9	14.3

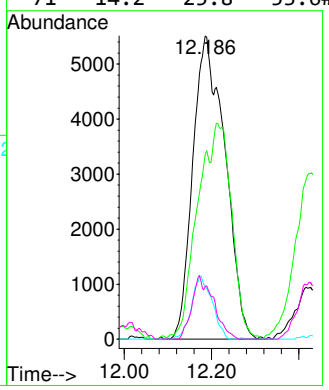


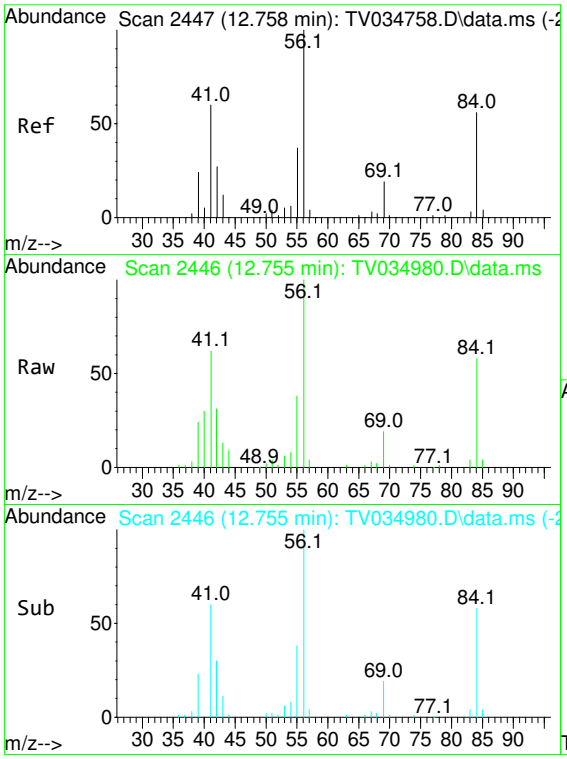


#31
Tetrahydrofuran
Concen: 0.48 ppbv
RT: 12.186 min Scan# 2269
Delta R.T. -0.016 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 42 Resp: 28182

Ion	Ratio	Lower	Upper
42	100		
41	75.4	34.5	71.7#
72	13.4	27.4	56.8#
71	14.2	25.8	53.6#

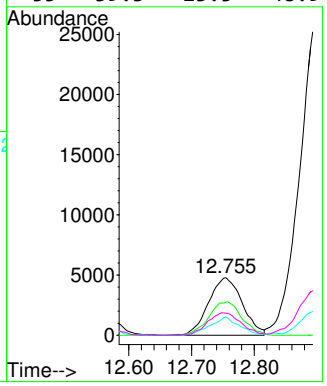


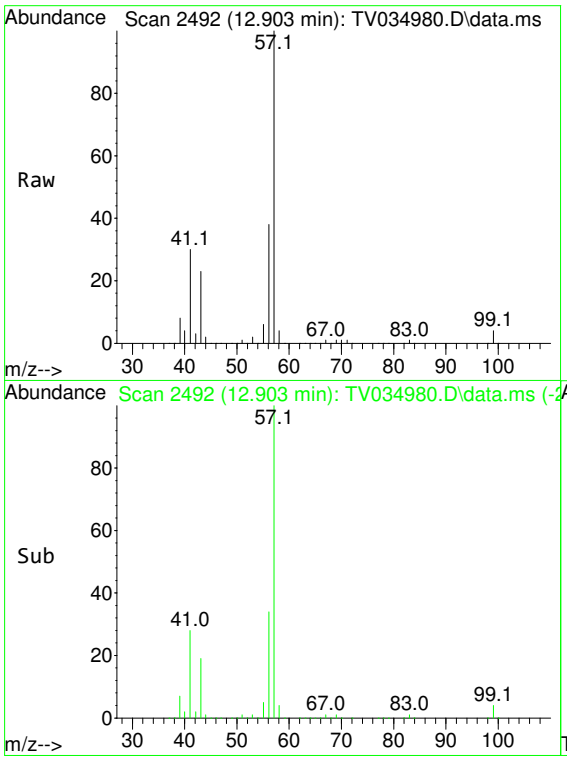


#33
Cyclohexane
Concen: 0.24 ppbv
RT: 12.755 min Scan# 2446
Delta R.T. -0.039 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 56 Resp: 17892

Ion	Ratio	Lower	Upper
56	100		
84	57.1	56.4	117.0
42	27.4	15.3	31.7
55	39.3	23.5	48.9

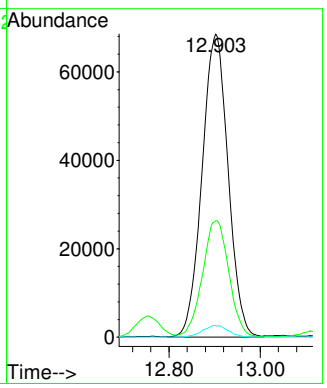


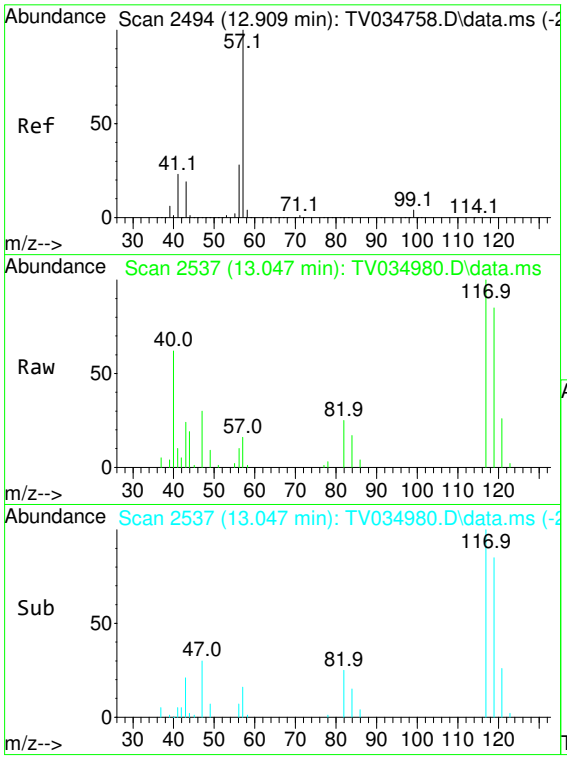


#34
2,2,4-Trimethylpentane
Concen: 1.25 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 57 Resp: 272267

Ion	Ratio	Lower	Upper
57	100		
56	38.6	24.5	45.5
99	3.8	3.5	6.5

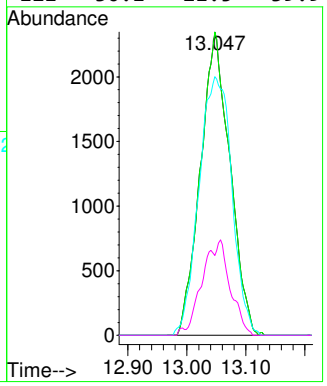


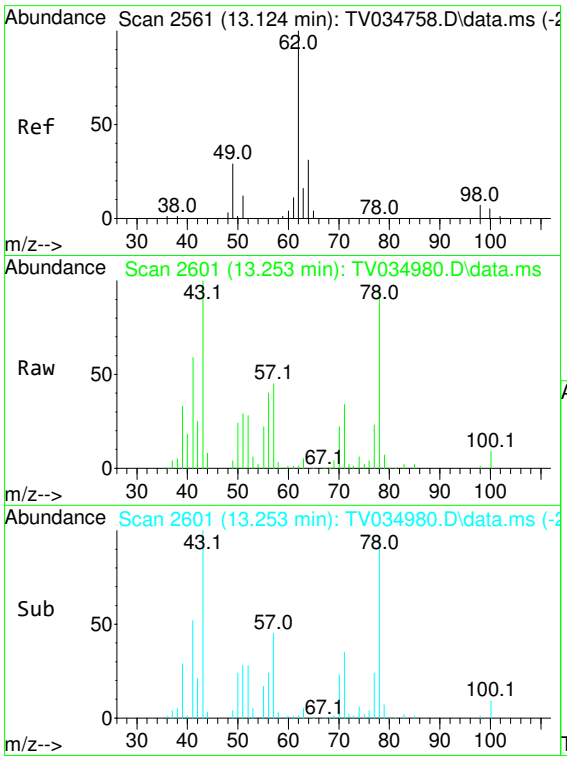


#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 13.047 min Scan# 2537
Delta R.T. -0.041 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:117 Resp: 8145

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	95.0	76.5	114.7
121	30.1	21.5	39.9

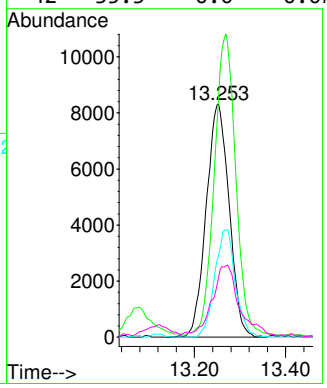


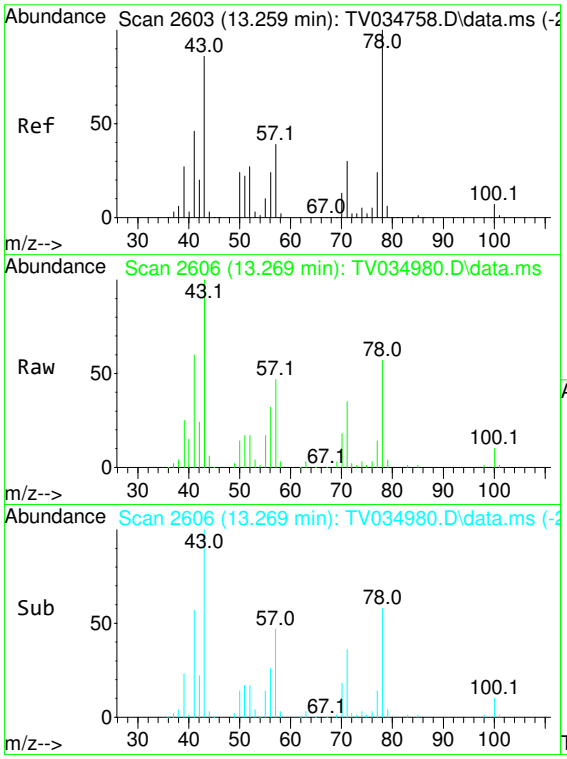


#37
Benzene
Concen: 0.32 ppbv
RT: 13.253 min Scan# 2601
Delta R.T. -0.041 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 78 Resp: 29001

Ion	Ratio	Lower	Upper
78	100		
43	120.3	0.0	0.0#
71	41.8	0.0	0.0#
42	35.3	0.0	0.0#

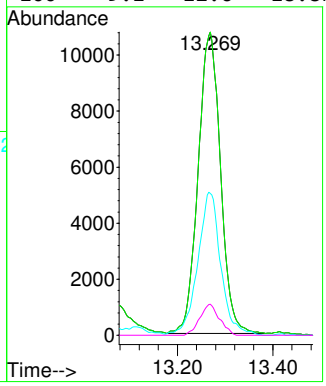


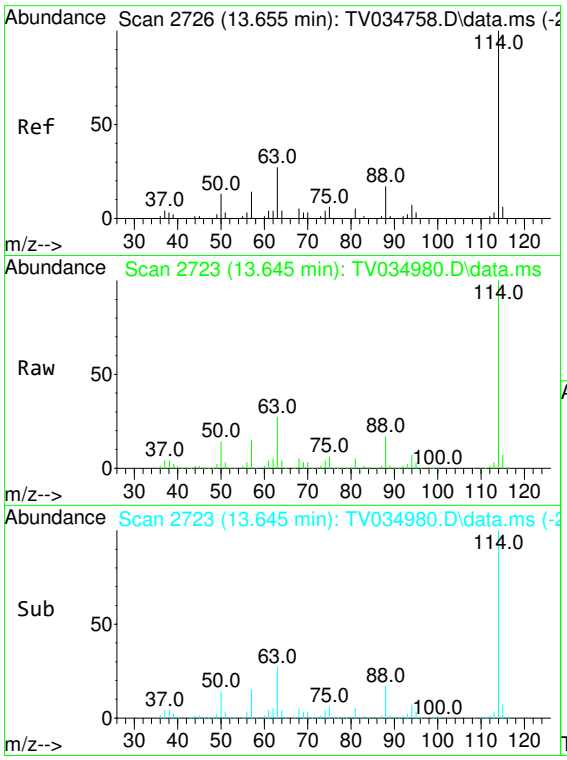


#38
n-Heptane
Concen: 0.38 ppbv
RT: 13.269 min Scan# 2606
Delta R.T. -0.035 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 43 Resp: 34891

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	9.1	12.6	18.8#

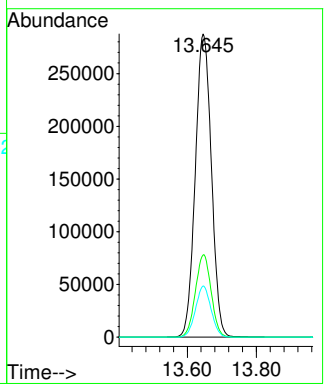


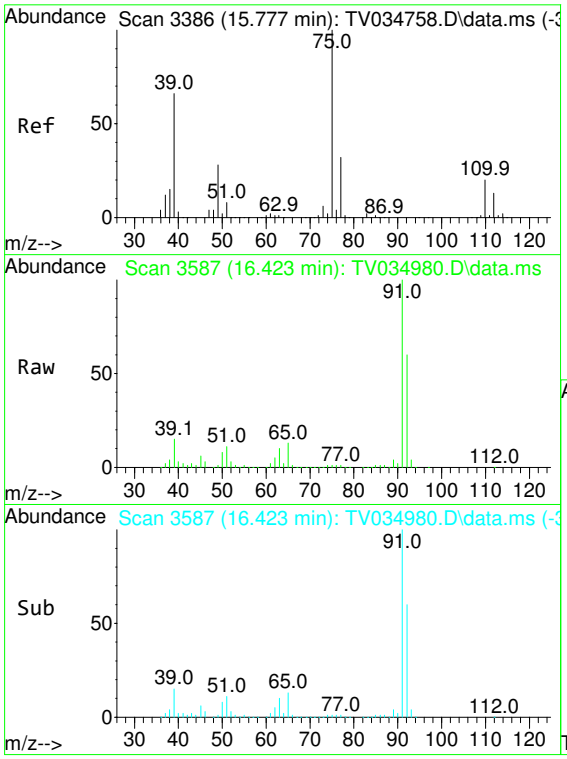


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:114 Resp: 928500

Ion	Ratio	Lower	Upper
114	100		
63	26.7	14.0	29.2
88	16.3	11.2	23.2

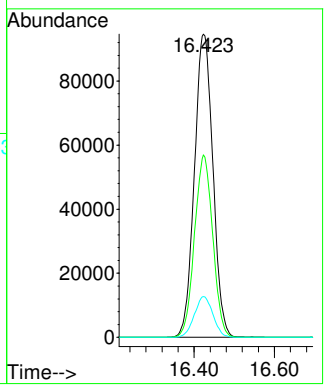


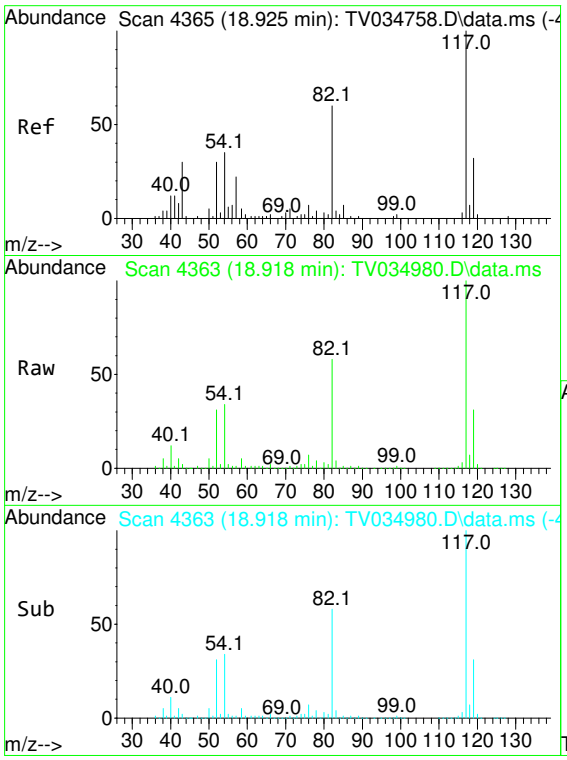


#47
Toluene
Concen: 2.96 ppbv
RT: 16.423 min Scan# 3587
Delta R.T. -0.045 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 91 Resp: 302918

Ion	Ratio	Lower	Upper
91	100		
92	59.1	39.0	81.0
65	13.5	7.7	16.1

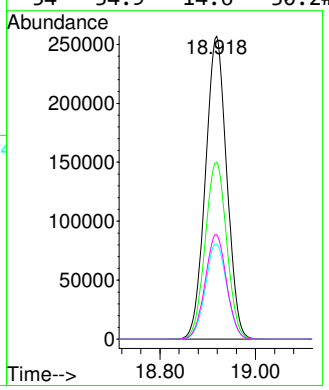


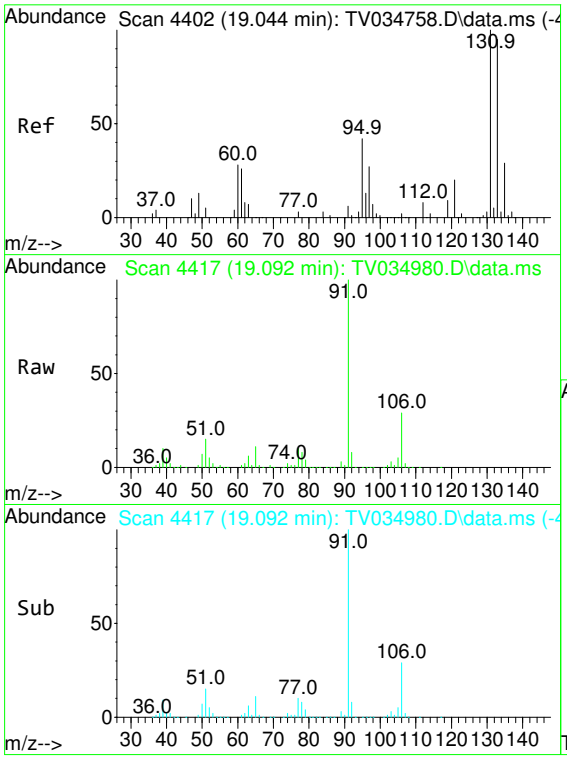


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:117 Resp: 793663

Ion	Ratio	Lower	Upper
117	100		
82	59.4	38.7	80.5
119	31.9	20.3	42.3
54	34.9	14.6	30.2#

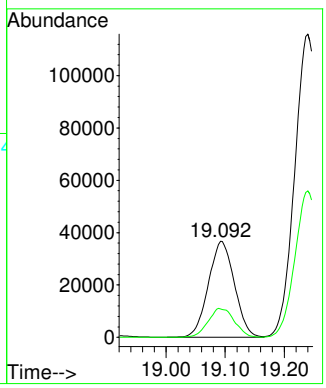


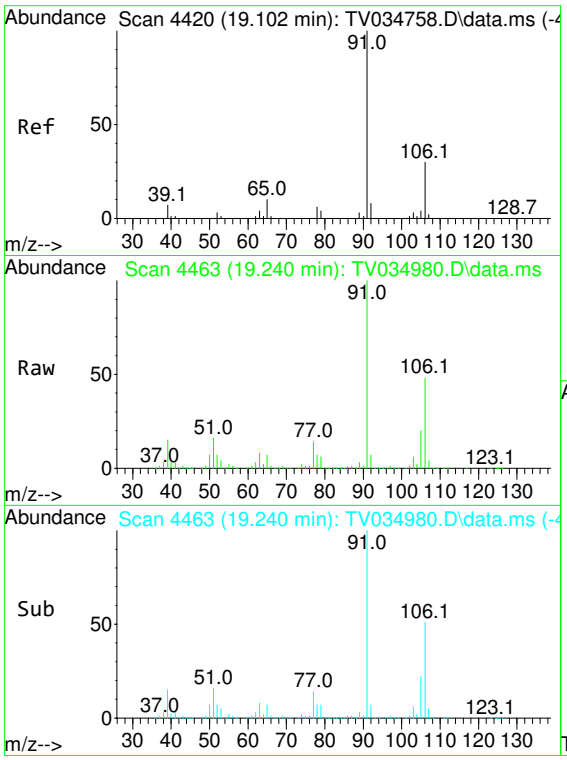


#58
Ethylbenzene
Concen: 0.86 ppbv
RT: 19.092 min Scan# 4417
Delta R.T. -0.043 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 91 Resp: 112707

Ion	Ratio	Lower	Upper
91	100		
106	30.4	20.3	42.3

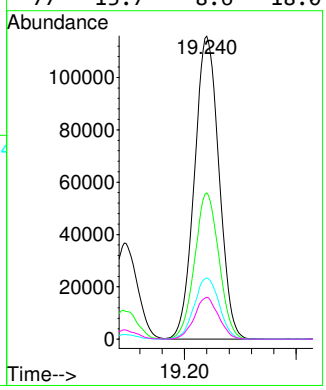


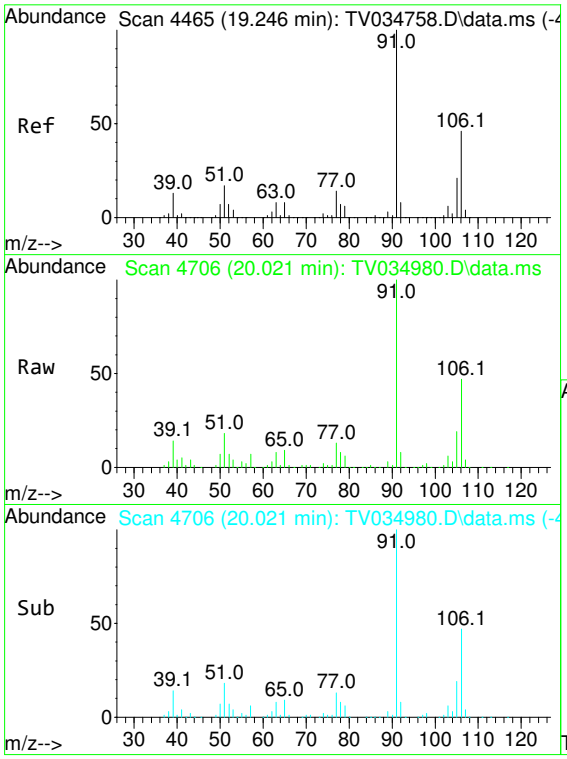


#59
p- & m- Xylenes
Concen: 3.46 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 91 Resp: 353721

Ion	Ratio	Lower	Upper
91	100		
106	47.8	31.0	64.4
105	20.7	13.4	27.8
77	13.7	8.6	18.0

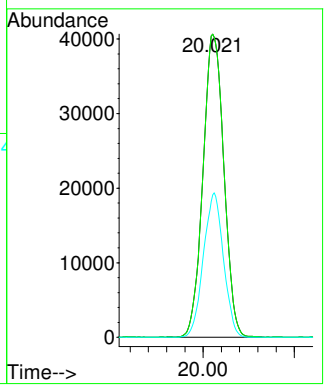


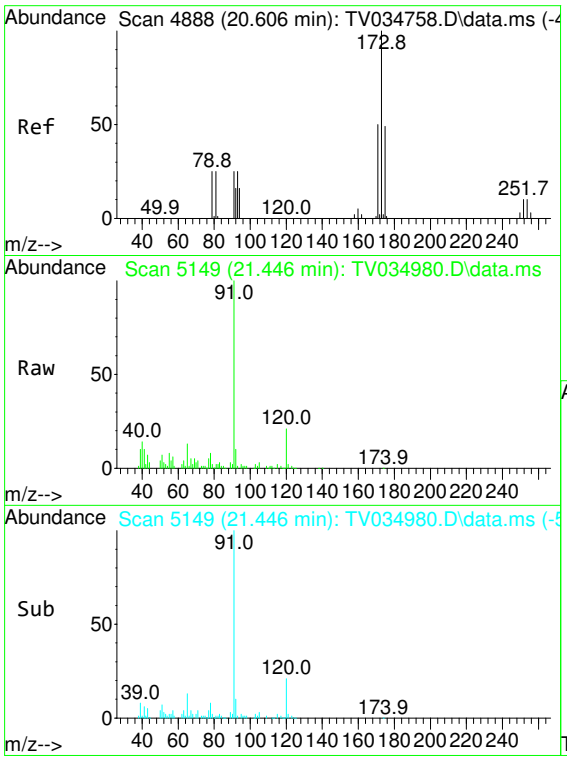


#60
o-Xylene
Concen: 1.22 ppbv
RT: 20.021 min Scan# 4706
Delta R.T. -0.045 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 91 Resp: 129155

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.7	36.9	55.3

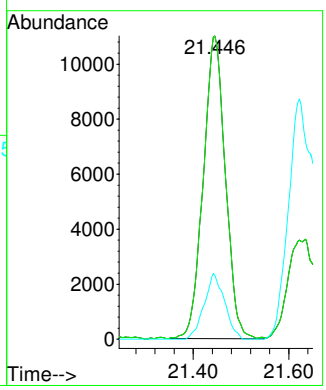


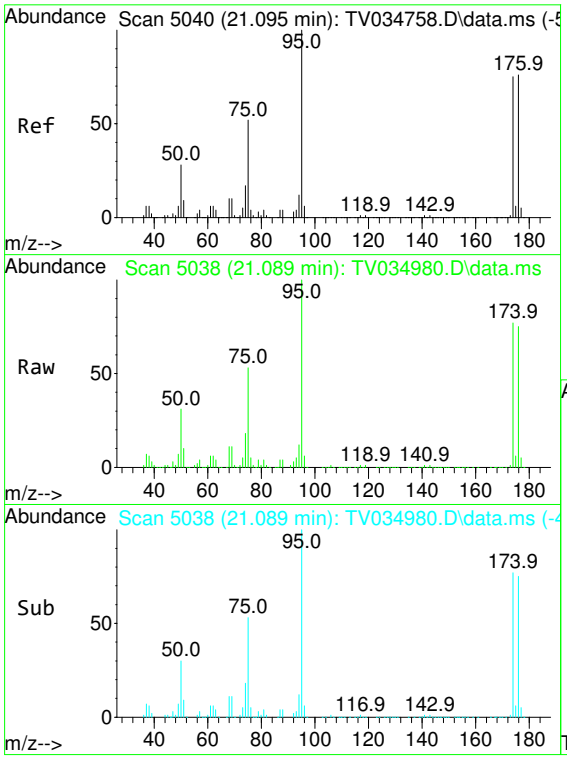


#63
n-Propylbenzene
Concen: 0.20 ppbv
RT: 21.446 min Scan# 5149
Delta R.T. -0.042 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 91 Resp: 35323

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	20.0	11.0	33.0

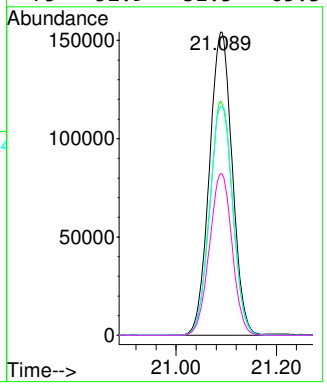


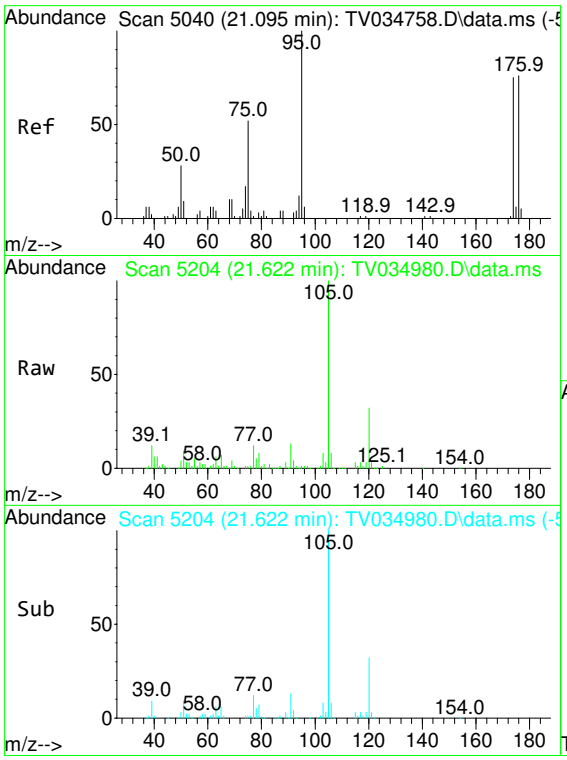


#66
p-Bromofluorobenzene
Concen: 8.37 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion: 95 Resp: 487916

Ion	Ratio	Lower	Upper
95	100		
174	77.4	50.0	103.8
176	77.1	48.2	100.2
75	52.9	31.5	65.3

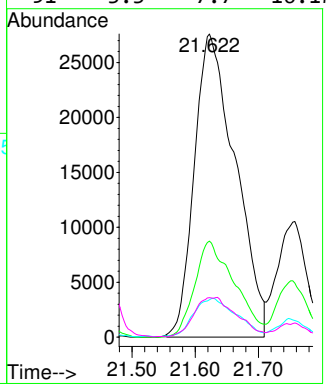


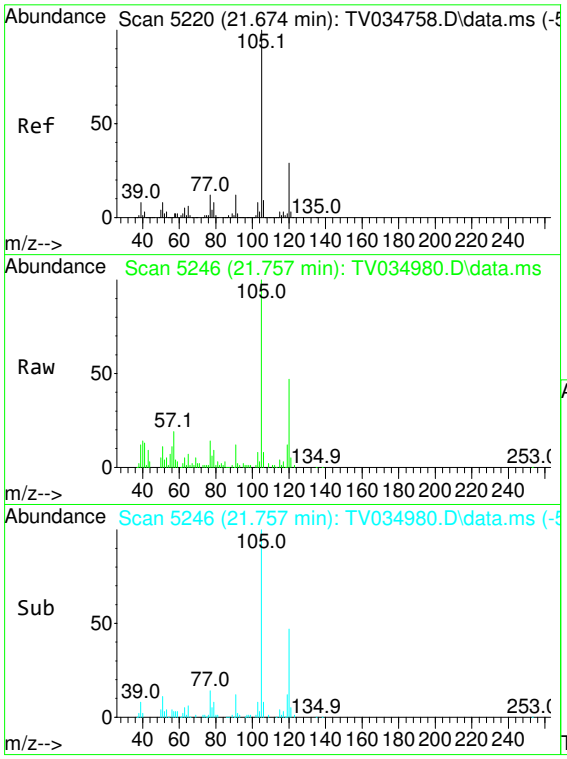


#67
4-Ethyltoluene
Concen: 0.90 ppbv m
RT: 21.622 min Scan# 5204
Delta R.T. -0.089 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:105 Resp: 124176

Ion	Ratio	Lower	Upper
105	100		
120	13.3	17.2	35.6#
77	4.0	7.6	15.8#
91	3.3	7.7	16.1#

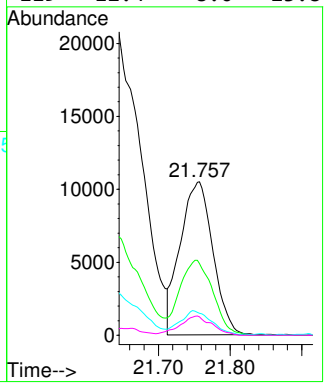


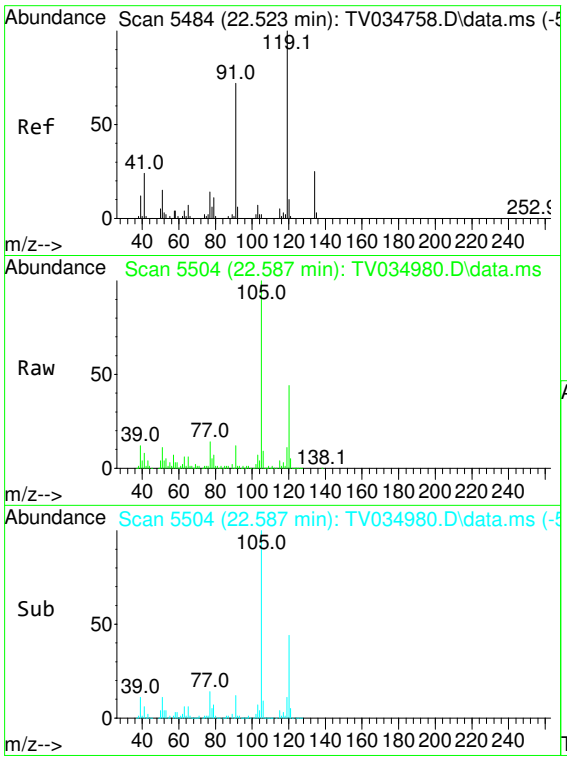


#68
1,3,5-Trimethylbenzene
Concen: 0.28 ppbv
RT: 21.757 min Scan# 5246
Delta R.T. -0.042 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:105 Resp: 33253

Ion	Ratio	Lower	Upper
105	100		
120	49.5	43.4	65.2
77	14.8	10.8	16.2
119	12.4	8.0	23.8

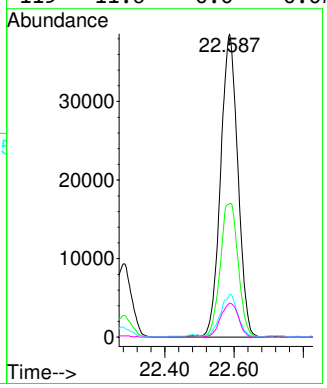




#70
1,2,4-Trimethylbenzene
Concen: 1.10 ppbv
RT: 22.587 min Scan# 5504
Delta R.T. -0.049 min
Lab File: TV034980.D
Acq: 31 Jan 2026 05:36 am

Tgt Ion:105 Resp: 133606

Ion	Ratio	Lower	Upper
105	100		
120	45.8	29.0	60.2
77	14.0	8.2	17.0
119	11.6	0.0	0.0#



Sample Information

Client Sample ID: AI-5 20260122 **Sample ID: 26A1103-10**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:08 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
540-84-1	* ^**2,2,4-Trimethylpentane**	0.51		D	ug/m³	0.17	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
107-02-8	* ^Acrolein	ND		U	ug/m³	0.17	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
91-20-3	* ^Naphthalene	ND		U	ug/m³	3.8	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		U	ug/m³	0.50	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
71-55-6	1,1,1-Trichloroethane	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/m³	0.50	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/m³	0.56	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
79-00-5	1,1,2-Trichloroethane	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-34-3	1,1-Dichloroethane	ND		U	ug/m³	0.29	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-35-4	1,1-Dichloroethylene	ND		U	ug/m³	0.14	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/m³	27	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.36		D	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
106-93-4	1,2-Dibromoethane	ND		U	ug/m³	0.56	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
95-50-1	1,2-Dichlorobenzene	ND		U	ug/m³	0.44	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
107-06-2	1,2-Dichloroethane	ND		U	ug/m³	0.29	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
78-87-5	1,2-Dichloropropane	ND		U	ug/m³	0.34	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		U	ug/m³	0.51	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
106-99-0	1,3-Butadiene	ND		J	ug/m³	0.48	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
541-73-1	1,3-Dichlorobenzene	ND		U	ug/m³	0.44	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
142-28-9	* 1,3-Dichloropropane	ND		U	ug/m³	0.34	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
106-46-7	1,4-Dichlorobenzene	ND		U	ug/m³	0.44	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
123-91-1	1,4-Dioxane	ND		U	ug/m³	1.3	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
78-93-3	2-Butanone	ND		J	ug/m³	11	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
591-78-6	* 2-Hexanone	ND		U	ug/m³	0.59	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
107-05-1	3-Chloropropene	ND		U	ug/m³	1.1	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
108-10-1	4-Methyl-2-pentanone	ND		U	ug/m³	0.30	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
67-64-1	**Acetone**	11		D	ug/m³	8.6	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
107-13-1	Acrylonitrile	ND		U	ug/m³	7.9	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
71-43-2	**Benzene**	0.81		D	ug/m³	0.23	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
100-44-7	Benzyl chloride	ND		U	ug/m³	9.4	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-27-4	Bromodichloromethane	ND		U	ug/m³	0.49	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-25-2	Bromoform	ND		U	ug/m³	0.75	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
74-83-9	Bromomethane	ND		U	ug/m³	0.28	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-15-0	Carbon disulfide	ND		U	ug/m³	0.23	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Sample Information

Client Sample ID: AI-5 20260122 **Sample ID: 26A1103-10**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:08 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
56-23-5	**Carbon tetrachloride**	0.41		D	ug/m³	0.14	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
108-90-7	Chlorobenzene	ND		U	ug/m³	0.33	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-00-3	Chloroethane	ND		U	ug/m³	0.19	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
67-66-3	Chloroform	ND		U	ug/m³	0.35	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
74-87-3	**Chloromethane**	1.2		D	ug/m³	0.15	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/m³	0.14	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/m³	0.33	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
110-82-7	Cyclohexane	ND		U	ug/m³	0.25	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
124-48-1	Dibromochloromethane	ND		U	ug/m³	0.62	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-71-8	**Dichlorodifluoromethane**	1.8		D	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
141-78-6	* Ethyl acetate	ND		J	ug/m³	13	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
100-41-4	Ethyl Benzene	ND		U	ug/m³	0.32	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
87-68-3	Hexachlorobutadiene	ND		U	ug/m³	0.77	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
67-63-0	**Isopropanol**	1.9		D	ug/m³	1.1	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
98-82-8	Isopropylbenzene	ND		U	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
80-62-6	Methyl Methacrylate	ND		U	ug/m³	0.30	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/m³	0.26	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-09-2	Methylene chloride	ND		J	ug/m³	1.5	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
104-51-8	* n-Butylbenzene	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
142-82-5	**n-Heptane**	0.89		D	ug/m³	0.30	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
110-54-3	**n-Hexane**	0.87		D	ug/m³	0.26	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
103-65-1	* n-Propylbenzene	ND		U	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
95-47-6	**o-Xylene**	0.32		D	ug/m³	0.32	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
179601-23-1	**p- & m- Xylenes**	0.82	A-01	D	ug/m³	0.63	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
622-96-8	* p-Ethyltoluene	ND		U	ug/m³	0.36	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
99-87-6	* p-Isopropyltoluene	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
115-07-1	*** Propylene**	1.7		D	ug/m³	0.12	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
135-98-8	* sec-Butylbenzene	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
100-42-5	Styrene	ND		U	ug/m³	0.31	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
98-06-6	* tert-Butylbenzene	ND		U	ug/m³	0.40	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
127-18-4	Tetrachloroethylene	ND		U	ug/m³	0.49	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
109-99-9	*** Tetrahydrofuran**	0.81		D	ug/m³	0.43	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
108-88-3	**Toluene**	1.6		D	ug/m³	0.27	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/m³	0.29	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/m³	0.33	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Sample Information

Client Sample ID: AI-5 20260122 **Sample ID: 26A1103-10**

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26A1103	33 East Main Street Pawling, NY	Indoor Ambient Air	January 22, 2026 5:08 pm	01/23/2026

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed Date	By
79-01-6	Trichloroethylene	ND		U	ug/m³	0.12	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.0		D	ug/m³	0.41	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
108-05-4	Vinyl acetate	ND		U	ug/m³	0.26	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
593-60-2	Vinyl bromide	ND		U	ug/m³	0.32	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
75-01-4	Vinyl Chloride	ND		U	ug/m³	0.093	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR
1330-20-7	**Xylenes, Total**	1.1		D	ug/m³	0.95	0.726	EPA TO-15	1/30/26 11:46	1/31/26 06:22	YR

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034981.D
Acq On : 31 Jan 2026 06:22 am
Operator : YR
Sample : 26A1103-10
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.726
InstName : TO15_AIR3

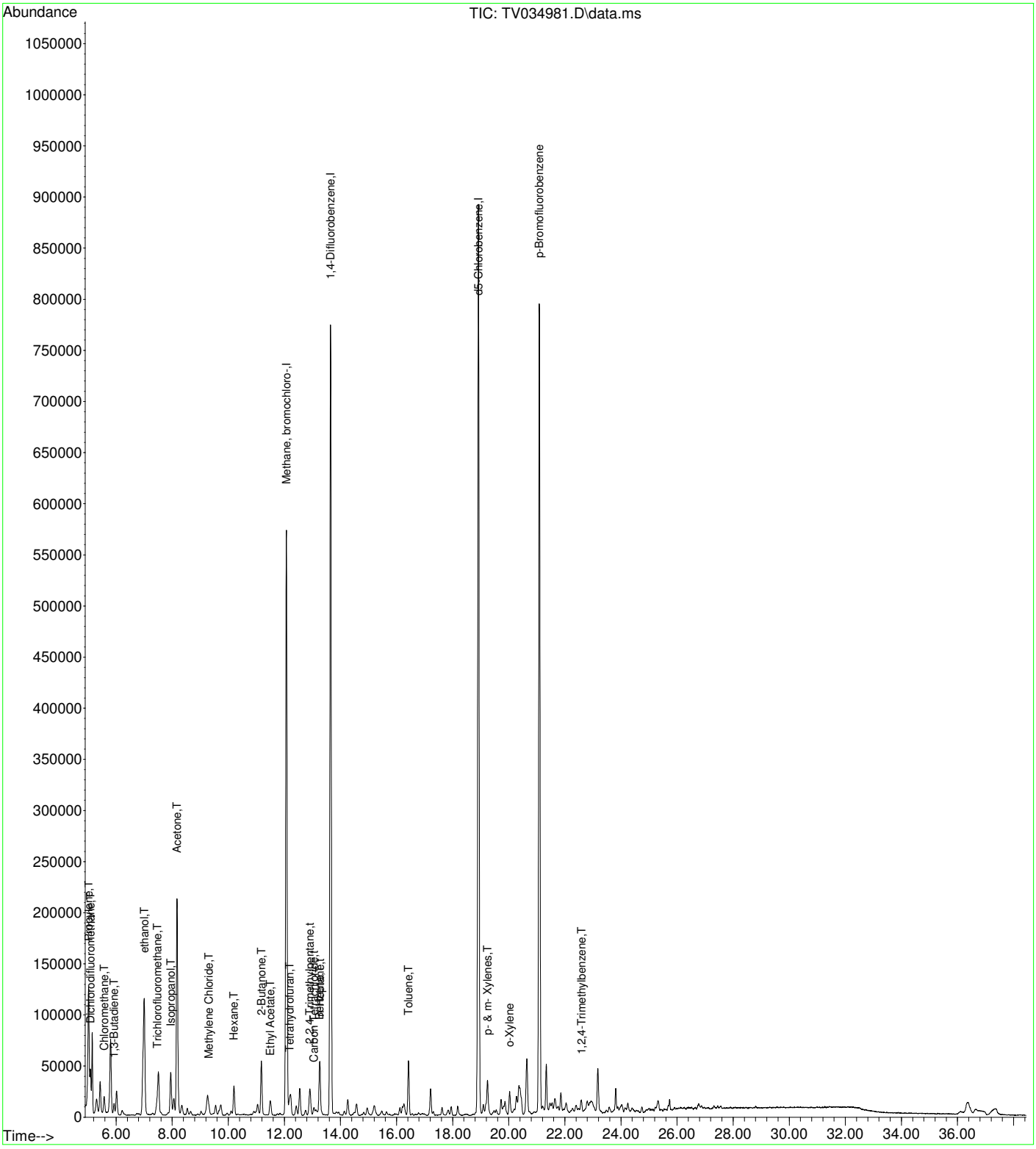
Quant Time: Jan 31 08:34:32 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

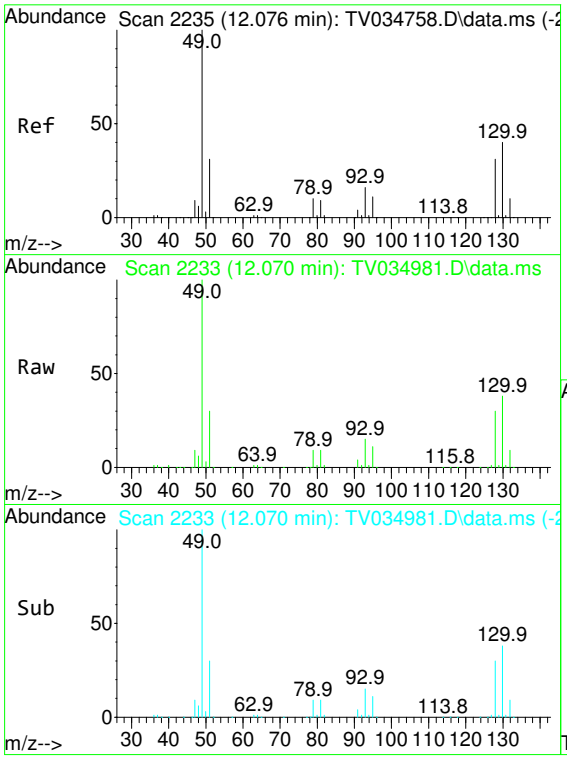
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	668751	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.645	114	948321	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.918	117	793022	10.00	ppbv	#-0.04
Target Compounds						Qvalue
2) Propylene	5.015	42	37595	1.37	ppbv	# 66
3) Dichlorodifluoromethane	5.086	85	42516	0.49	ppbv	# 93
5) Chloromethane	5.575	50	33264	0.80	ppbv	99
7) 1,3-Butadiene	5.925	54	8339	0.24	ppbv	95
10) ethanol	7.002	45	205346	8.90	ppbv	88
12) Trichlorofluoromethane	7.469	101	21504	0.25	ppbv	98
13) Isopropanol	7.948	45	100452	1.09	ppbv	100
15) Acetone	8.170	43	472448	6.47	ppbv	96
19) Methylene Chloride	9.308	49	10122	0.18	ppbv	# 73
24) Hexane	10.198	57	23464	0.34	ppbv	89
27) 2-Butanone	11.179	43	127413	1.26	ppbv	# 82
28) Ethyl Acetate	11.491	43	22483	0.19	ppbv	# 90
31) Tetrahydrofuran	12.186	42	22237	0.38	ppbv	# 66
34) 2,2,4-Trimethylpentane	12.903	57	31917	0.15	ppbv	# 60
35) Carbon Tetrachloride	13.054	117	7146	0.09	ppbv	98
37) Benzene	13.250	78	32107	0.35	ppbv	# 100
38) n-Heptane	13.266	43	27977	0.30	ppbv	# 99
47) Toluene	16.420	91	62393	0.60	ppbv	97
59) p- & m- Xylenes	19.240	91	26183	0.26	ppbv	99
60) o-Xylene	20.024	91	11049	0.10	ppbv	100
66) p-Bromofluorobenzene	21.089	95	484028	8.31	ppbv	97
70) 1,2,4-Trimethylbenzene	22.590	105	12054	0.10	ppbv	# 96

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034981.D
Acq On : 31 Jan 2026 06:22 am
Operator : YR
Sample : 26A1103-10
Misc : QBTO3091525A 0.533X
ALS Vial : 12 Sample Multiplier: 0.726
InstName : TO15_AIR3

Quant Time: Jan 31 08:34:32 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

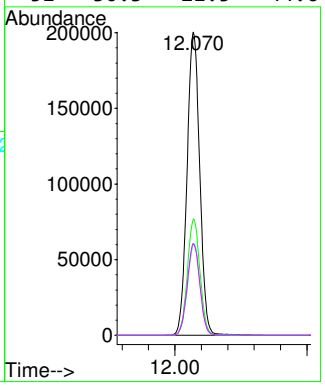


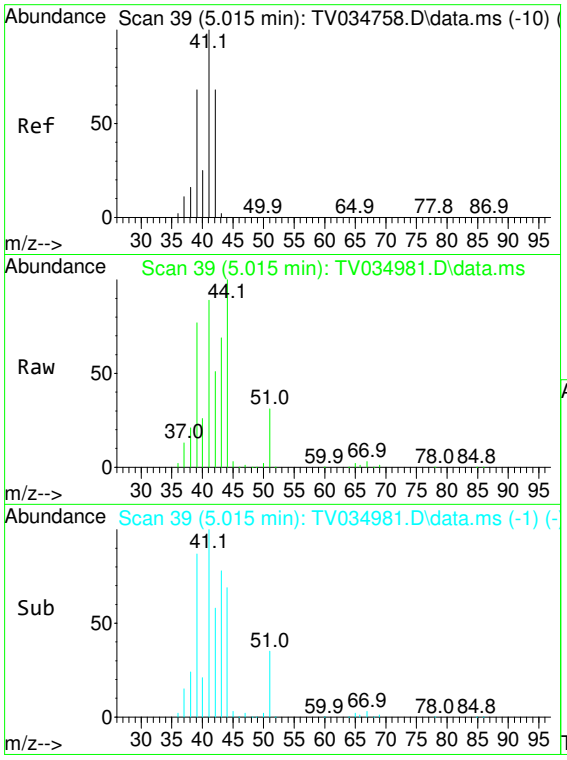


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 49 Resp: 668751

Ion	Ratio	Lower	Upper
49	100		
130	38.2	44.5	92.3#
128	29.9	34.7	72.1#
51	30.3	21.5	44.6

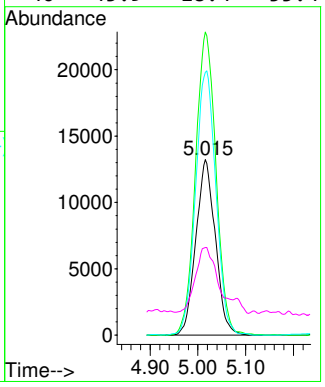


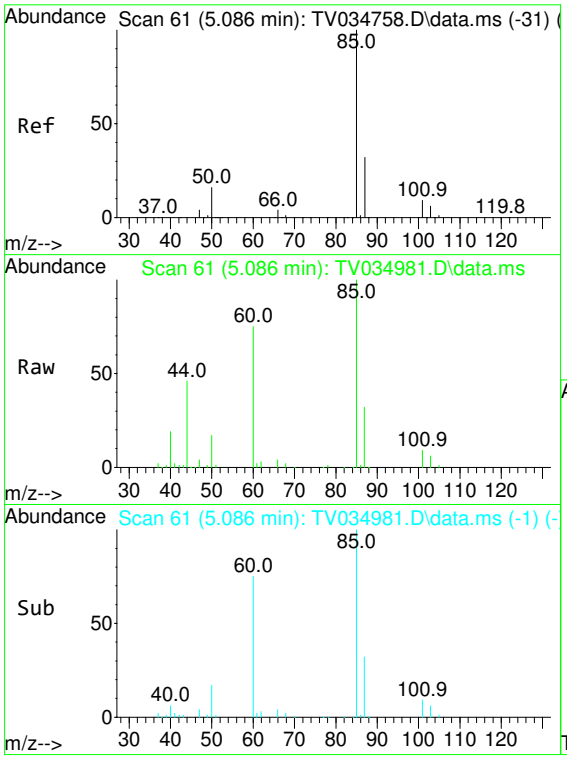


#2
Propylene
Concen: 1.37 ppbv
RT: 5.015 min Scan# 39
Delta R.T. -0.026 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 42 Resp: 37595

Ion	Ratio	Lower	Upper
42	100		
41	180.7	88.9	207.5
39	157.3	52.2	156.6#
40	45.9	18.4	55.4

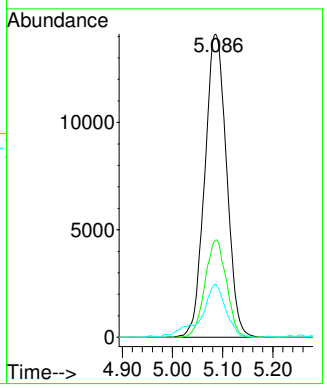


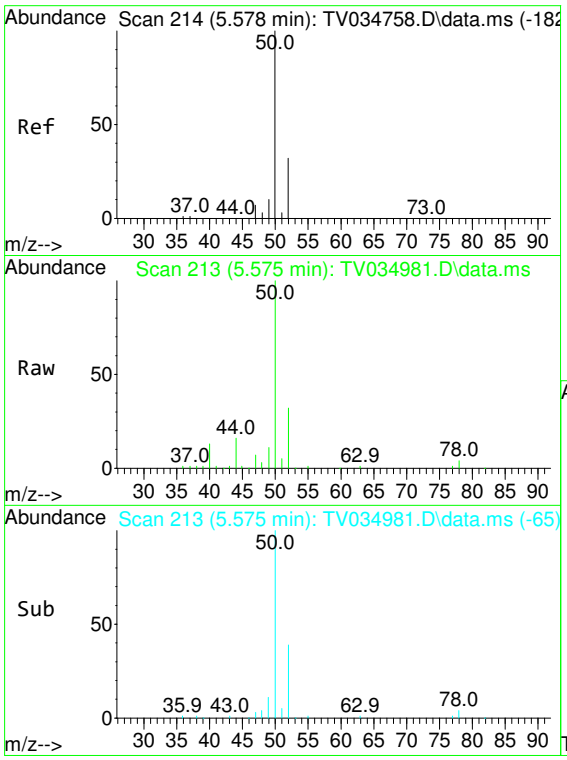


#3
Dichlorodifluoromethane
Concen: 0.49 ppbv
RT: 5.086 min Scan# 61
Delta R.T. -0.026 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 85 Resp: 42516

Ion	Ratio	Lower	Upper
85	100		
87	31.7	21.0	43.6
50	20.1	6.8	14.2#

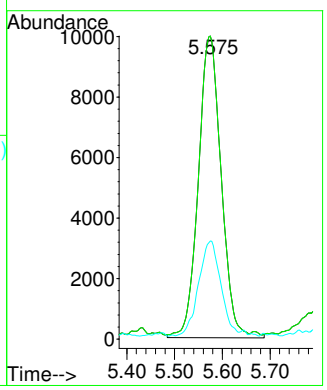


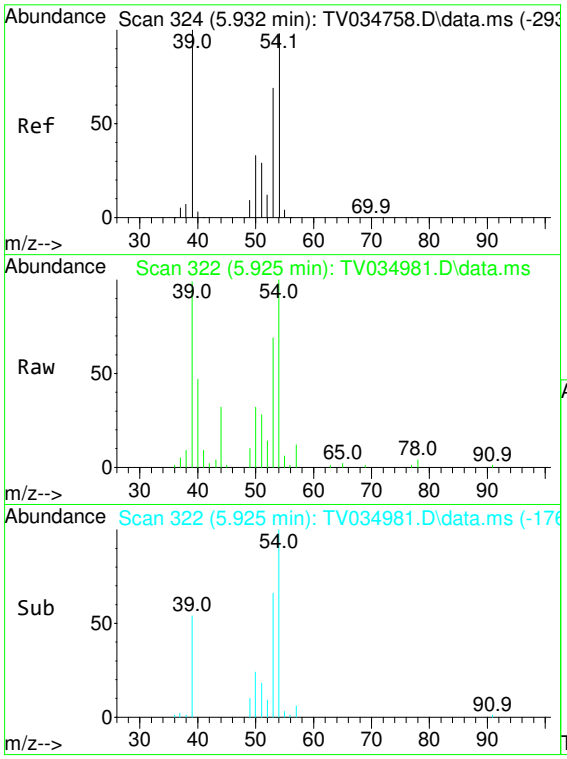


#5
Chloromethane
Concen: 0.80 ppbv
RT: 5.575 min Scan# 213
Delta R.T. -0.024 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 50 Resp: 33264

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	30.9	16.5	49.5

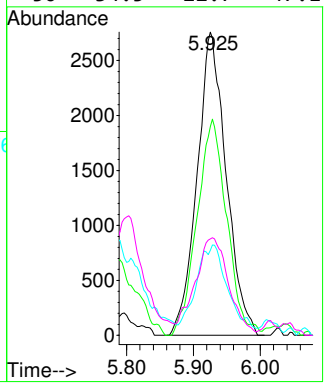


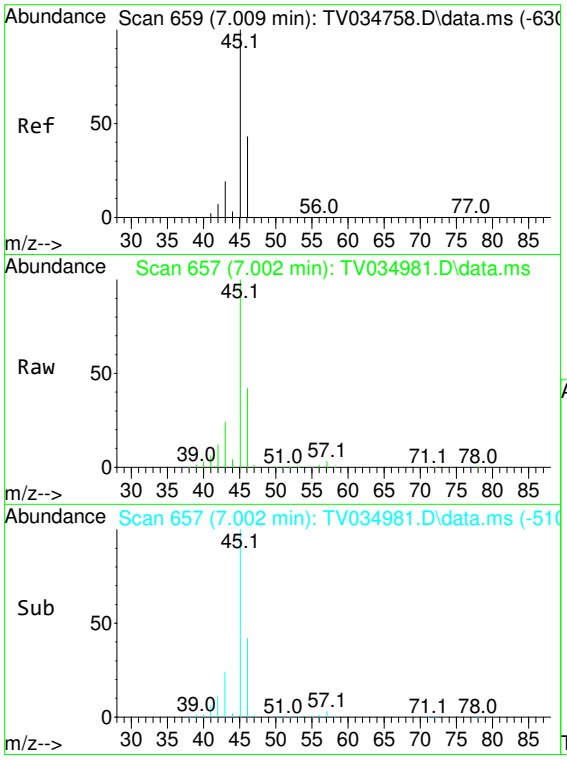


#7
1,3-Butadiene
Concen: 0.24 ppbv
RT: 5.925 min Scan# 322
Delta R.T. -0.031 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 54 Resp: 8339

Ion	Ratio	Lower	Upper
54	100		
53	73.1	43.4	90.2
51	28.3	19.9	41.3
50	34.5	22.7	47.1

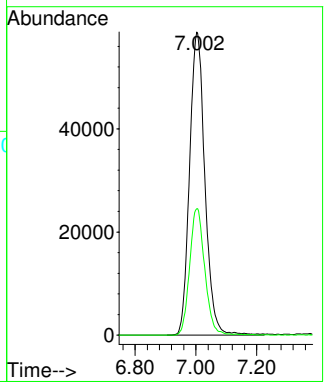


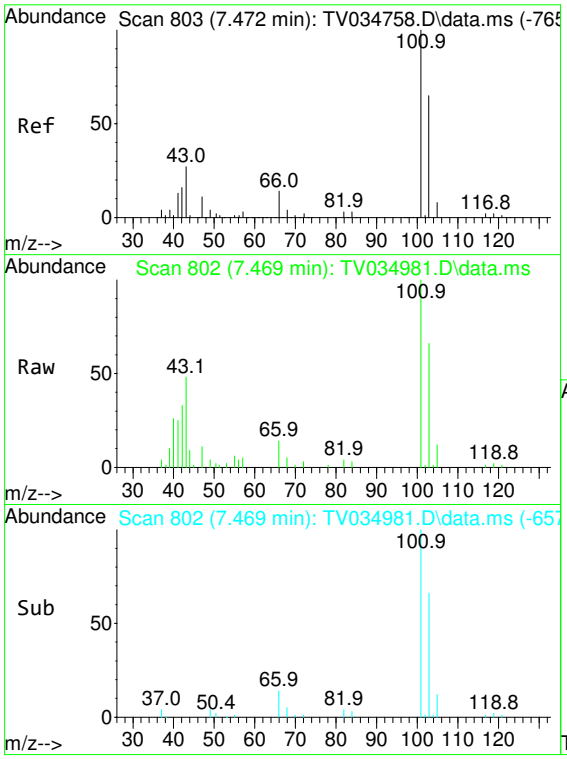


#10
ethanol
Concen: 8.90 ppbv
RT: 7.002 min Scan# 657
Delta R.T. -0.029 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 45 Resp: 205346

Ion	Ratio	Lower	Upper
45	100		
46	41.5	40.0	60.0

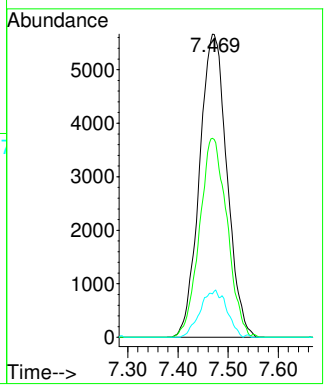


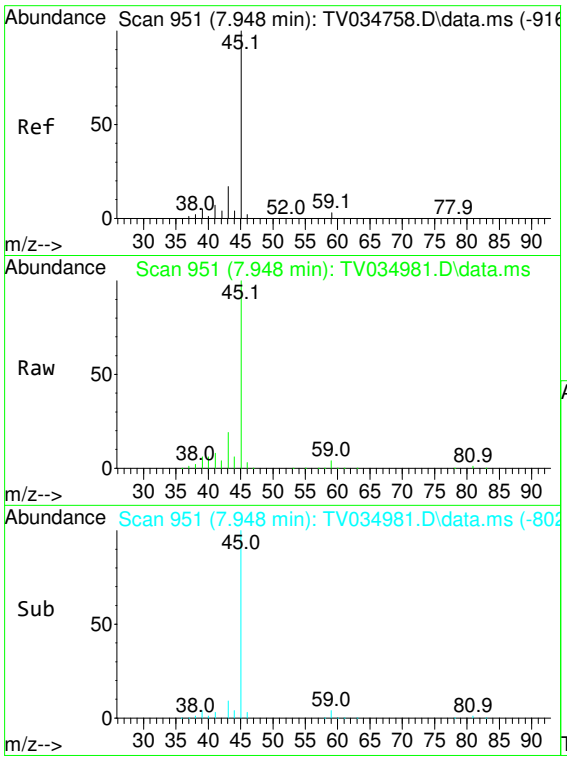


#12
Trichlorofluoromethane
Concen: 0.25 ppbv
RT: 7.469 min Scan# 802
Delta R.T. -0.033 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion:101 Resp: 21504

Ion	Ratio	Lower	Upper
101	100		
103	66.0	42.4	88.0
66	15.2	7.9	16.5

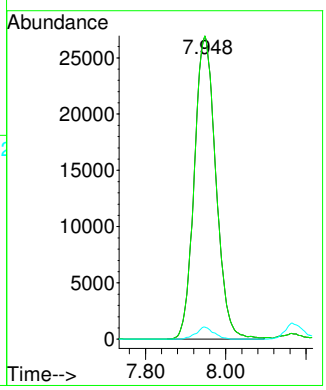


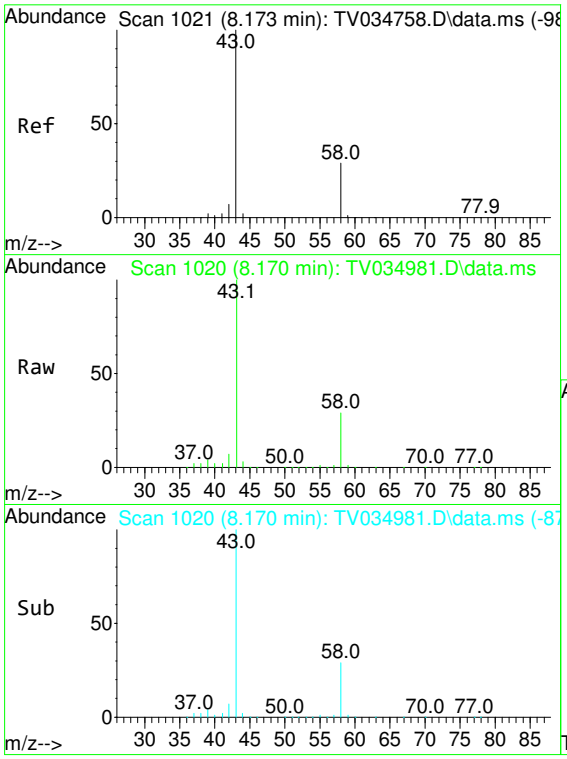


#13
Isopropanol
Concen: 1.09 ppbv
RT: 7.948 min Scan# 951
Delta R.T. -0.021 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 45 Resp: 100452

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.3	0.0	8.4

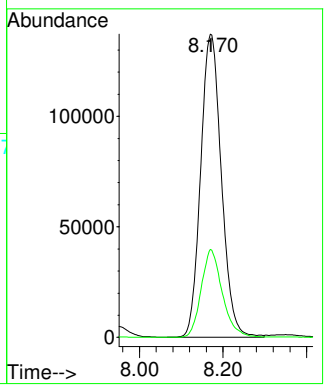


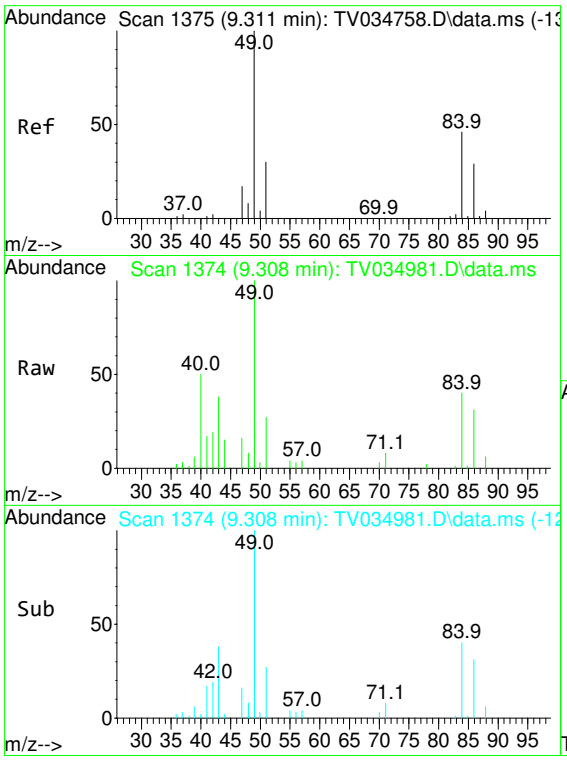


#15
Acetone
Concen: 6.47 ppbv
RT: 8.170 min Scan# 1020
Delta R.T. -0.031 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 43 Resp: 472448

Ion	Ratio	Lower	Upper
43	100		
58	29.6	20.7	42.9

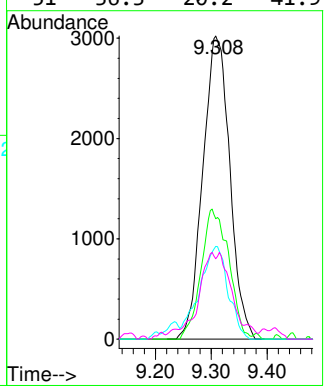


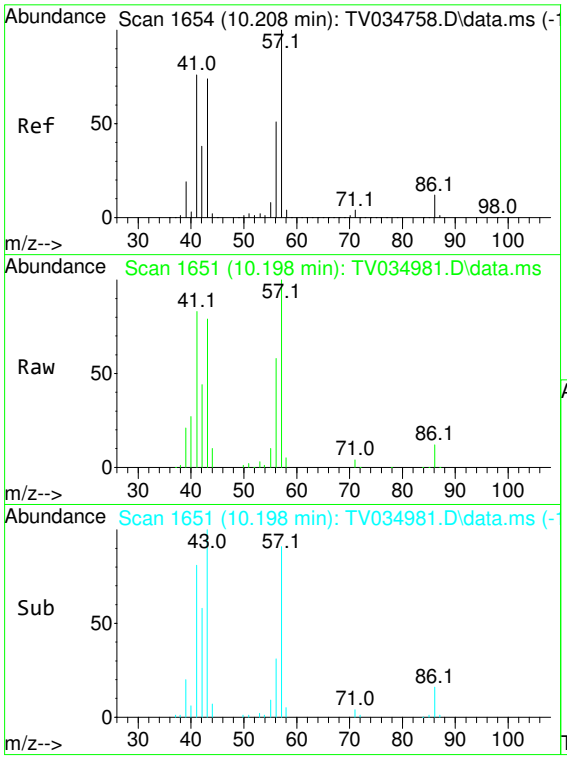


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.308 min Scan# 1374
Delta R.T. -0.037 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 49 Resp: 10122

Ion	Ratio	Lower	Upper
49	100		
84	44.6	50.1	104.0#
86	35.8	32.2	66.8
51	36.3	20.2	41.9

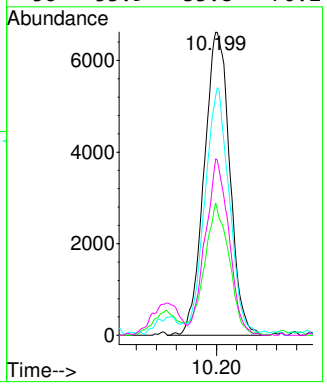


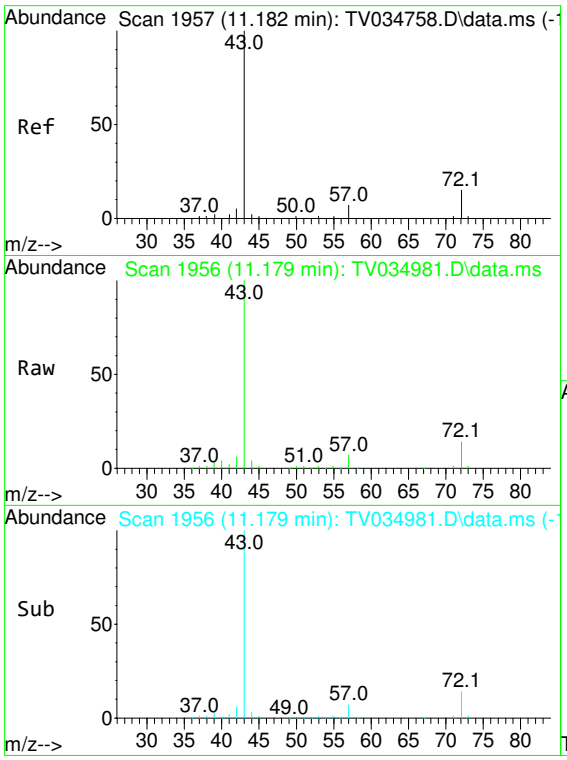


#24
Hexane
Concen: 0.34 ppbv
RT: 10.198 min Scan# 1651
Delta R.T. -0.036 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 57 Resp: 23464

Ion	Ratio	Lower	Upper
57	100		
42	42.8	22.2	46.0
43	78.7	42.9	89.1
56	53.9	33.8	70.2

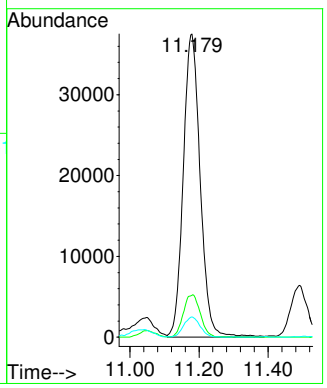


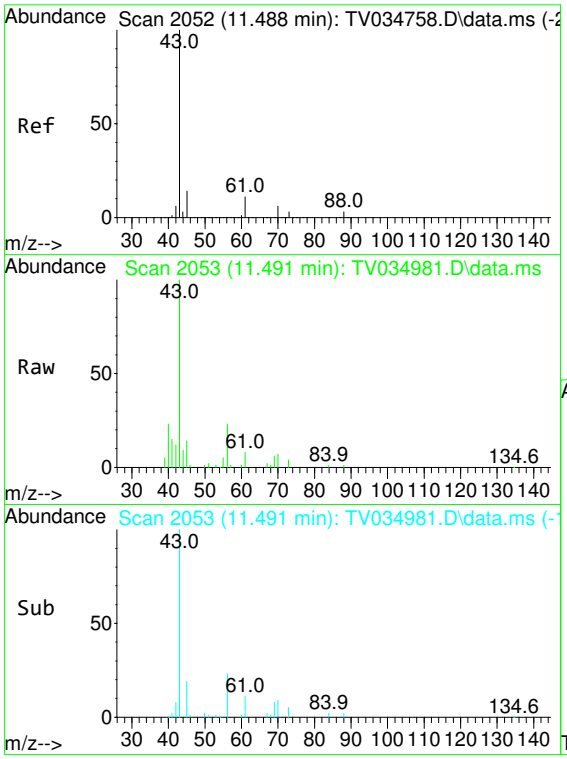


#27
2-Butanone
Concen: 1.26 ppbv
RT: 11.179 min Scan# 1956
Delta R.T. -0.033 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 43 Resp: 127413

Ion	Ratio	Lower	Upper
43	100		
72	14.1	16.4	34.2#
57	6.6	5.0	10.4

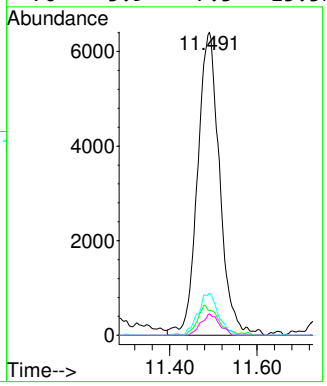


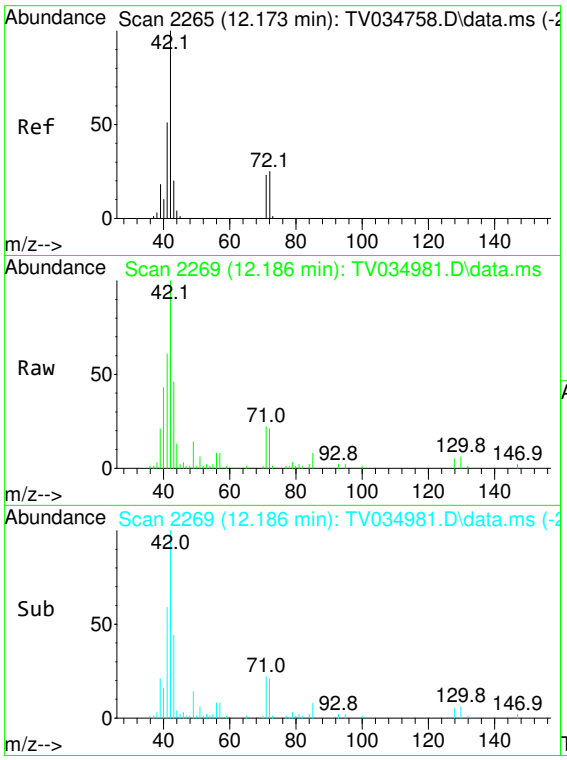


#28
Ethyl Acetate
Concen: 0.19 ppbv
RT: 11.491 min Scan# 2053
Delta R.T. -0.028 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 43 Resp: 22483

Ion	Ratio	Lower	Upper
43	100		
61	9.5	9.2	19.2
45	12.8	9.4	19.6
70	5.9	7.5	15.5#

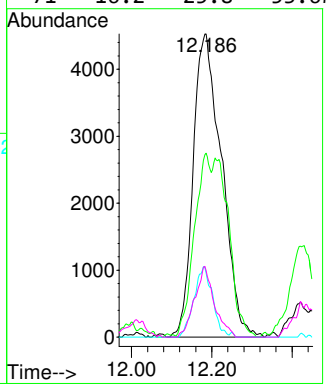


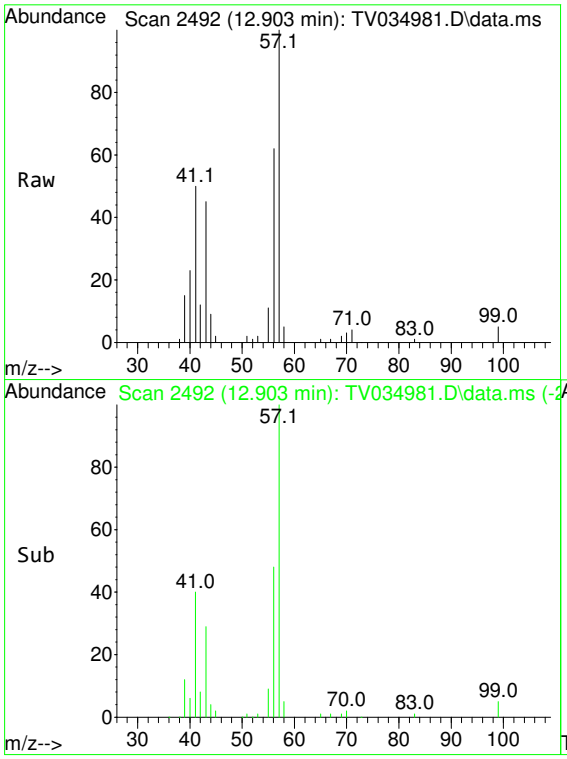


#31
Tetrahydrofuran
Concen: 0.38 ppbv
RT: 12.186 min Scan# 2269
Delta R.T. -0.016 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 42 Resp: 22237

Ion	Ratio	Lower	Upper
42	100		
41	70.7	34.5	71.7
72	15.5	27.4	56.8#
71	16.2	25.8	53.6#

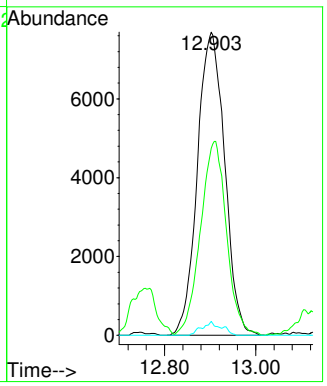


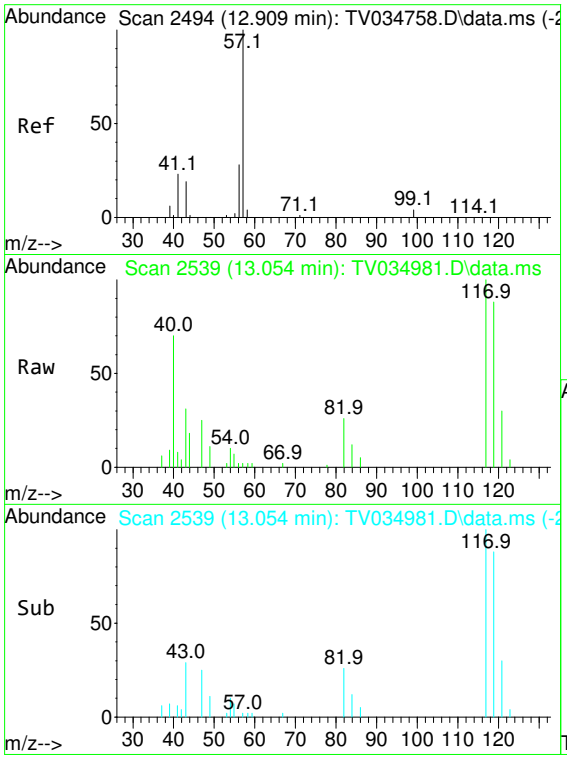


#34
2,2,4-Trimethylpentane
Concen: 0.15 ppbv
RT: 12.903 min Scan# 2492
Delta R.T. -0.035 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 57 Resp: 31917

Ion	Ratio	Lower	Upper
57	100		
56	61.1	24.5	45.5#
99	3.3	3.5	6.5#

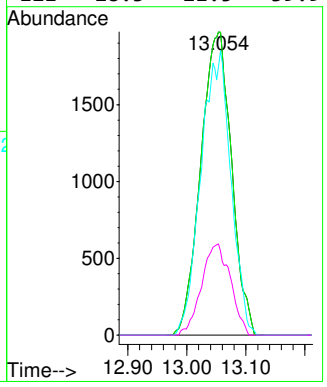


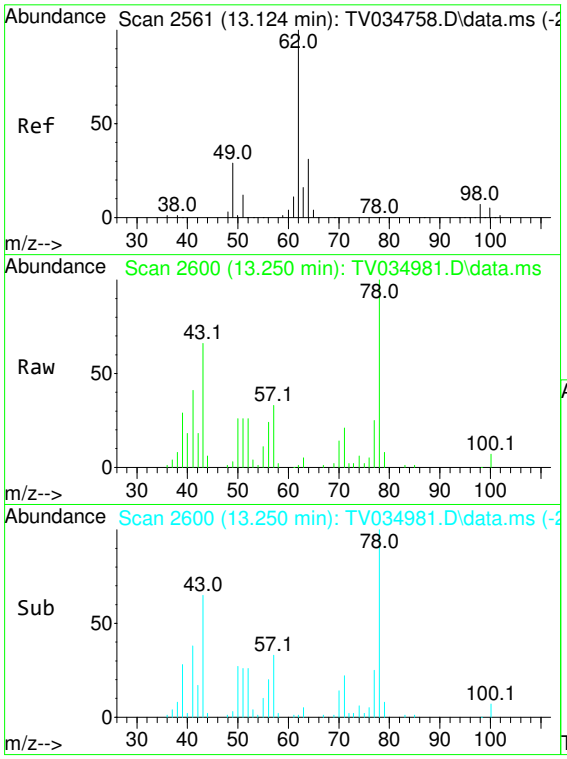


#35
Carbon Tetrachloride
Concen: 0.09 ppbv
RT: 13.054 min Scan# 2539
Delta R.T. -0.034 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion:117 Resp: 7146

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	91.2	76.5	114.7
121	28.3	21.5	39.9

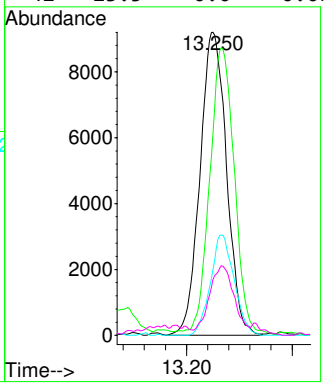


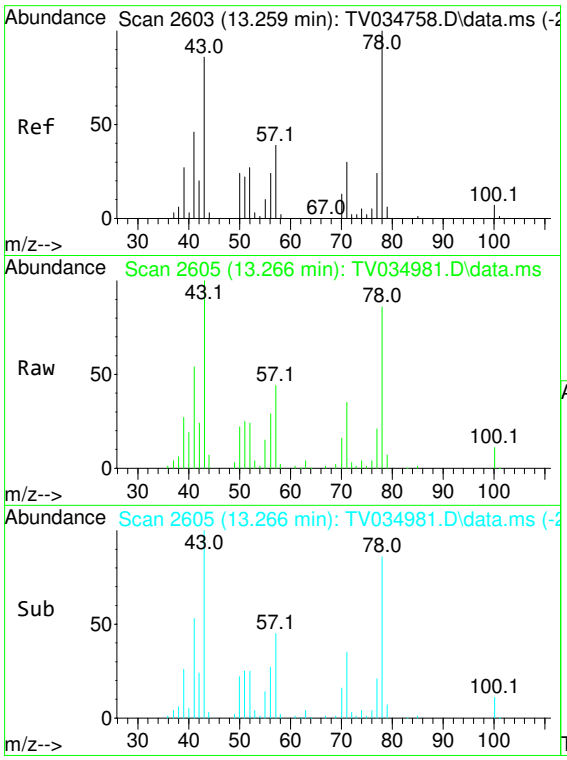


#37
Benzene
Concen: 0.35 ppbv
RT: 13.250 min Scan# 2600
Delta R.T. -0.044 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 78 Resp: 32107

Ion	Ratio	Lower	Upper
78	100		
43	87.1	0.0	0.0#
71	29.6	0.0	0.0#
42	23.5	0.0	0.0#

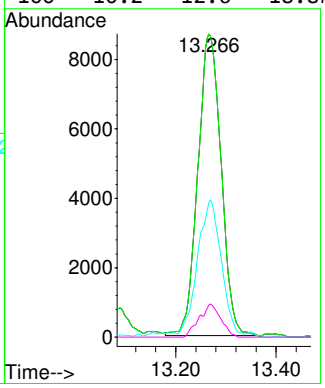


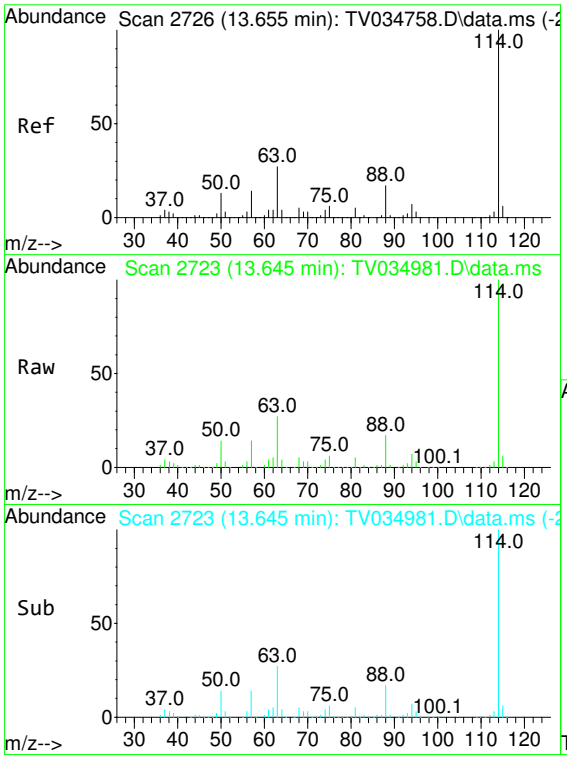


#38
n-Heptane
Concen: 0.30 ppbv
RT: 13.266 min Scan# 2605
Delta R.T. -0.038 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 43 Resp: 27977

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	49.4	39.8	59.8
100	10.2	12.6	18.8#

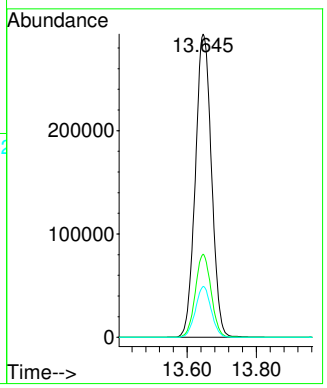


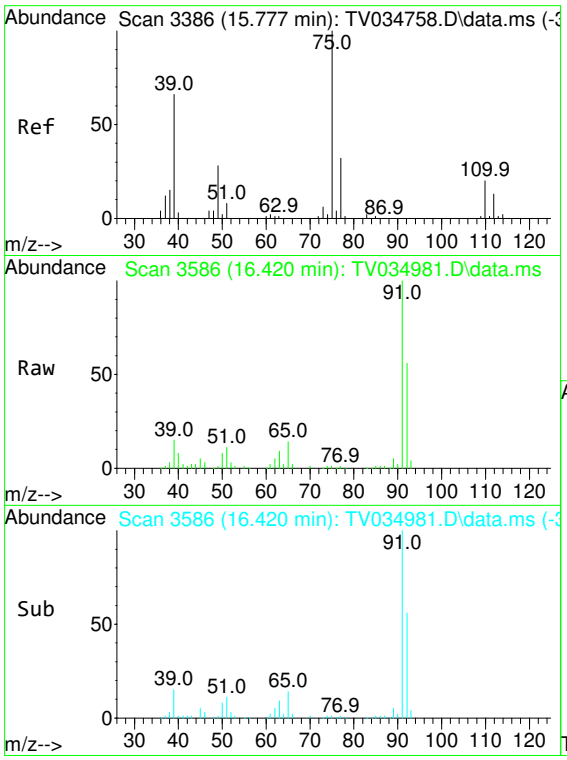


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.645 min Scan# 2723
Delta R.T. -0.044 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion:114 Resp: 948321

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.3	11.2	23.2

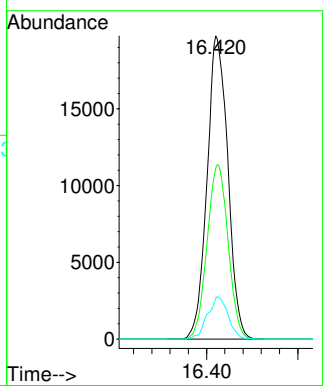


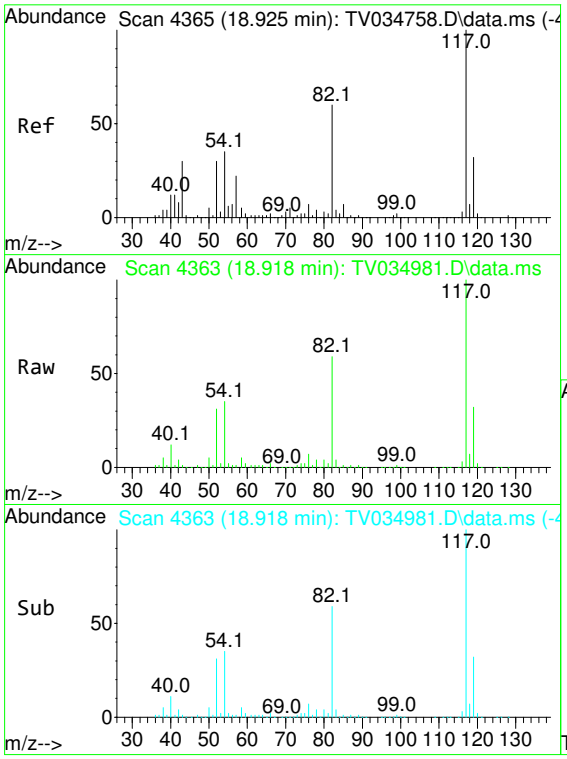


#47
Toluene
Concen: 0.60 ppbv
RT: 16.420 min Scan# 3586
Delta R.T. -0.048 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 91 Resp: 62393

Ion	Ratio	Lower	Upper
91	100		
92	58.2	39.0	81.0
65	13.9	7.7	16.1

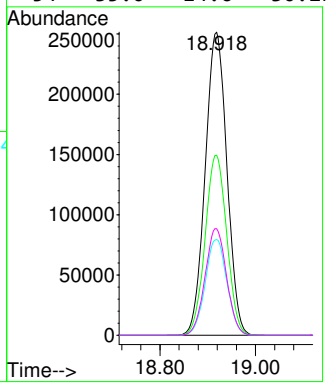


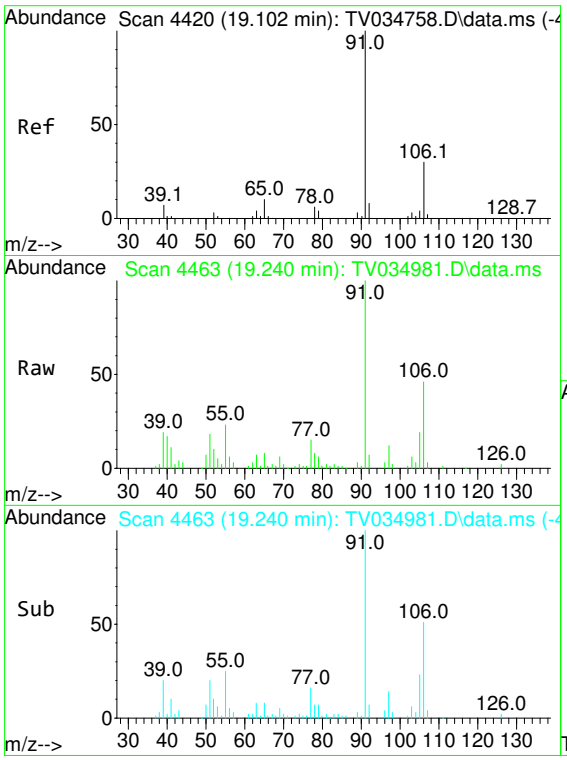


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion:117 Resp: 793022

Ion	Ratio	Lower	Upper
117	100		
82	59.3	38.7	80.5
119	31.9	20.3	42.3
54	35.0	14.6	30.2#

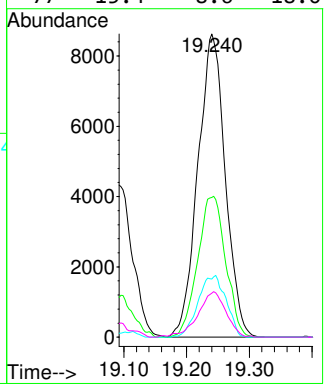


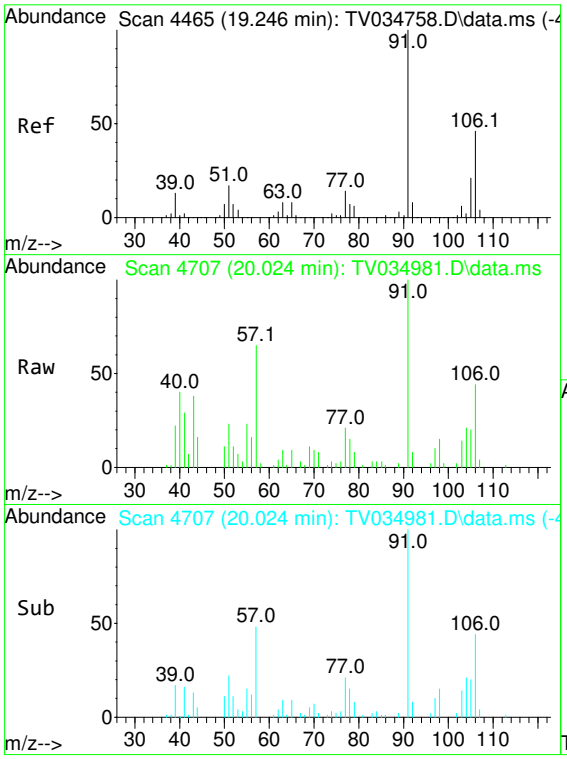


#59
p- & m- Xylenes
Concen: 0.26 ppbv
RT: 19.240 min Scan# 4463
Delta R.T. -0.042 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 91 Resp: 26183

Ion	Ratio	Lower	Upper
91	100		
106	47.5	31.0	64.4
105	20.7	13.4	27.8
77	15.4	8.6	18.0

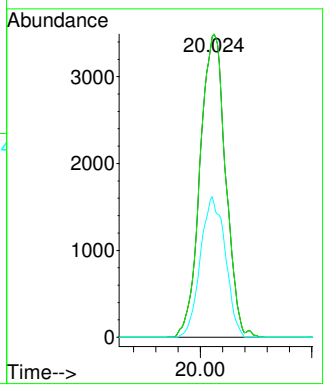


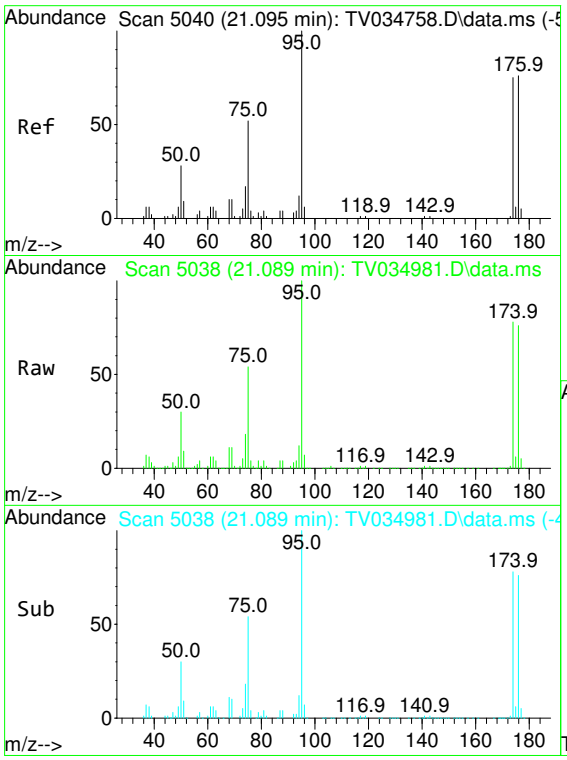


#60
o-Xylene
Concen: 0.10 ppbv
RT: 20.024 min Scan# 4707
Delta R.T. -0.042 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 91 Resp: 11049

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.2	36.9	55.3

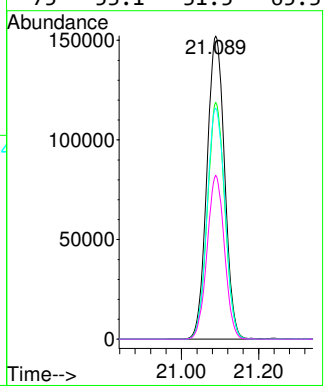


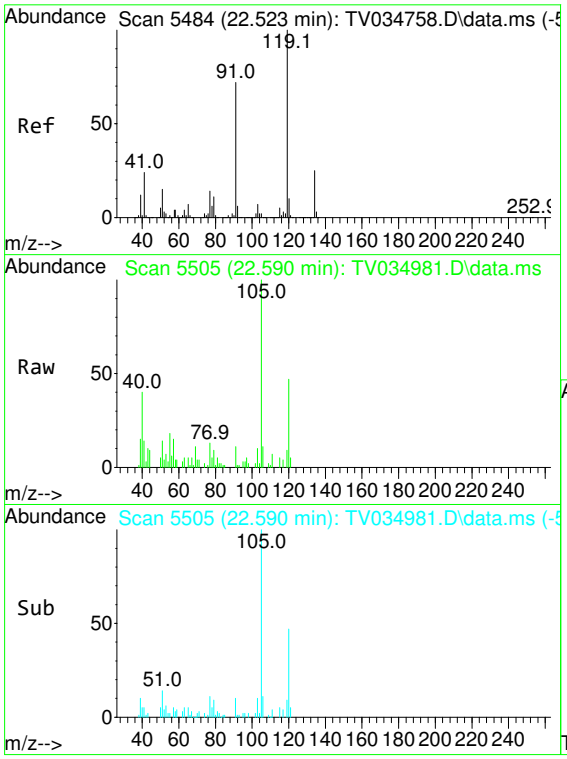


#66
p-Bromofluorobenzene
Concen: 8.31 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion: 95 Resp: 484028

Ion	Ratio	Lower	Upper
95	100		
174	77.1	50.0	103.8
176	77.5	48.2	100.2
75	53.1	31.5	65.3

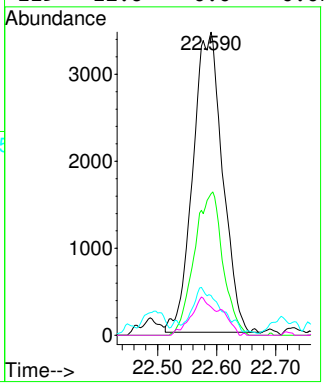




#70
1,2,4-Trimethylbenzene
Concen: 0.10 ppbv
RT: 22.590 min Scan# 5505
Delta R.T. -0.046 min
Lab File: TV034981.D
Acq: 31 Jan 2026 06:22 am

Tgt Ion:105 Resp: 12054

Ion	Ratio	Lower	Upper
105	100		
120	45.9	29.0	60.2
77	16.0	8.2	17.0
119	12.6	0.0	0.0#



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Matrix:	Air		
Batch:	BA61722	Laboratory ID:	BA61722-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	9.37	93.7	70 - 130	
1,1,1-Trichloroethane	10.0	8.09	80.9	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.8	108	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.26	92.6	70 - 130	
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130	
1,1-Dichloroethane	10.0	8.95	89.5	70 - 130	
1,1-Dichloroethylene	10.0	8.93	89.3	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.70	87.0	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.71	97.1	70 - 130	
1,2-Dibromoethane	10.0	10.3	103	70 - 130	
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130	
1,2-Dichloroethane	10.0	8.29	82.9	70 - 130	
1,2-Dichloropropane	10.0	10.9	109	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	8.90	89.0	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.55	95.5	70 - 130	
1,3-Butadiene	10.0	9.64	96.4	70 - 130	
1,3-Dichlorobenzene	10.0	10.2	102	70 - 130	
1,3-Dichloropropane	10.0	10.6	106	70 - 130	
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130	
1,4-Dioxane	10.0	10.3	103	70 - 130	
2,2,4-Trimethylpentane	10.0	9.89	98.9	70 - 130	
2-Butanone	10.0	9.86	98.6	70 - 130	
2-Hexanone	10.0	12.1	121	70 - 130	
3-Chloropropene	10.0	10.5	105	70 - 130	
4-Methyl-2-pentanone	10.0	11.7	117	70 - 130	
Acetone	10.0	9.23	92.3	70 - 130	
Acrolein	10.0	9.20	92.0	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Matrix:	Air		
Batch:	BA61722	Laboratory ID:	BA61722-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
Acrylonitrile	10.0	9.05	90.5	70 - 130	
Benzene	10.0	9.09	90.9	70 - 130	
Benzyl chloride	10.0	10.9	109	70 - 130	
Bromodichloromethane	10.0	10.1	101	70 - 130	
Bromoform	10.0	9.83	98.3	70 - 130	
Bromomethane	10.0	9.46	94.6	70 - 130	
Carbon disulfide	10.0	9.34	93.4	70 - 130	
Carbon tetrachloride	10.0	8.02	80.2	70 - 130	
Chlorobenzene	10.0	9.75	97.5	70 - 130	
Chloroethane	10.0	9.59	95.9	70 - 130	
Chloroform	10.0	8.72	87.2	70 - 130	
Chloromethane	10.0	10.0	100	70 - 130	
cis-1,2-Dichloroethylene	10.0	8.65	86.5	70 - 130	
cis-1,3-Dichloropropylene	10.0	10.5	105	70 - 130	
Cyclohexane	10.0	9.28	92.8	70 - 130	
Dibromochloromethane	10.0	9.78	97.8	70 - 130	
Dichlorodifluoromethane	10.0	8.85	88.5	70 - 130	
Ethyl acetate	10.0	9.80	98.0	70 - 130	
Ethyl Benzene	10.0	9.84	98.4	70 - 130	
Hexachlorobutadiene	10.0	10.1	101	70 - 130	
Isopropanol	10.0	9.87	98.7	70 - 130	
Isopropylbenzene	10.0	9.73	97.3	70 - 130	
Methyl Methacrylate	10.0	10.3	103	70 - 130	
Methyl tert-butyl ether (MTBE)	10.0	8.71	87.1	70 - 130	
Methylene chloride	10.0	10.0	100	70 - 130	
Naphthalene	10.0	10.1	101	70 - 130	
n-Butylbenzene	10.0	11.0	110	70 - 130	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Matrix:	Air		
Batch:	BA61722	Laboratory ID:	BA61722-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.	Q
n-Heptane	10.0	10.4	104	70 - 130	
n-Hexane	10.0	9.51	95.1	70 - 130	
n-Propylbenzene	10.0	9.98	99.8	70 - 130	
o-Xylene	10.0	9.61	96.1	70 - 130	
p- & m- Xylenes	20.0	19.1	95.3	70 - 130	
p-Ethyltoluene	10.0	9.79	97.9	70 - 130	
p-Isopropyltoluene	10.0	9.89	98.9	70 - 130	
Propylene	10.0	10.3	103	70 - 130	
sec-Butylbenzene	10.0	9.80	98.0	70 - 130	
Styrene	10.0	9.82	98.2	70 - 130	
tert-Butylbenzene	10.0	9.60	96.0	70 - 130	
Tetrachloroethylene	10.0	9.14	91.4	70 - 130	
Tetrahydrofuran	10.0	10.2	102	70 - 130	
Toluene	10.0	9.87	98.7	70 - 130	
trans-1,2-Dichloroethylene	10.0	9.06	90.6	70 - 130	
trans-1,3-Dichloropropylene	10.0	10.4	104	70 - 130	
Trichloroethylene	10.0	10.2	102	70 - 130	
Trichlorofluoromethane (Freon 11)	10.0	8.24	82.4	70 - 130	
Vinyl acetate	10.0	10.3	103	70 - 130	
Vinyl bromide	10.0	9.57	95.7	70 - 130	
Vinyl Chloride	10.0	9.63	96.3	70 - 130	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS RAW DATA

SDG: 26A1103
CLASS: AIR
METHOD: EPA TO-15

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034959.D
Acq On : 30 Jan 2026 12:15 pm
Operator : YR
Sample : BA61722-BS1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Jan 30 12:55:16 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.073	49	693519	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.652	114	963627	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.922	117	858400	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.015	42	291400	10.26	ppbv		98
3) Dichlorodifluoromethane	5.086	85	788676	8.85	ppbv	#	96
4) 1,2-Dichlorotetrafluor...	5.353	85	694699	8.90	ppbv		93
5) Chloromethane	5.575	50	435867	10.05	ppbv		99
6) Vinyl Chloride	5.848	62	348718	9.63	ppbv		95
7) 1,3-Butadiene	5.928	54	353502	9.64	ppbv		97
8) Bromomethane	6.723	94	263883	9.46	ppbv		99
9) Chloroethane	6.893	64	187188	9.59	ppbv	#	90
10) ethanol	7.009	45	193858	8.10	ppbv		88
11) Vinyl Bromide	7.346	106	259060	9.57	ppbv		100
12) Trichlorofluoromethane	7.472	101	745376	8.24	ppbv		99
13) Isopropanol	7.948	45	945112	9.87	ppbv		100
14) Acrolein	8.063	56	187917	9.20	ppbv	#	100
15) Acetone	8.170	43	698960	9.23	ppbv		93
16) Freon-113	8.340	101	559389	9.26	ppbv		99
17) 1,1-Dichloroethylene	8.565	61	597186	8.93	ppbv		86
18) 3-Chloropropene	9.157	41	663698	10.53	ppbv		88
19) Methylene Chloride	9.308	49	595277	10.00	ppbv	#	69
20) Acrylonitrile	9.385	53	389012	9.05	ppbv	#	100
21) Carbon disulfide	9.443	76	819589	9.34	ppbv	#	81
22) Methyl-tert-Butyl Ethe...	9.710	73	842965	8.71	ppbv	#	78
23) trans-1,2-Dichloroethy...	9.912	61	549756	9.06	ppbv		86
24) Hexane	10.202	57	682511	9.51	ppbv		92
25) Vinyl Acetate	10.520	43	1065576	10.26	ppbv	#	99
26) 1,1-Dichloroethane	10.571	63	631874	8.95	ppbv	#	96
27) 2-Butanone	11.179	43	1032629	9.86	ppbv	#	82
28) Ethyl Acetate	11.485	43	1179248	9.80	ppbv	#	92
29) cis-1,2-Dichloroethylene	11.571	61	523175	8.65	ppbv		84
30) Chloroform	11.845	83	644125	8.72	ppbv	#	93
31) Tetrahydrofuran	12.169	42	623106	10.18	ppbv	#	80
32) 1,1,1-Trichlorethane	12.587	97	668644	8.09	ppbv		92
33) Cyclohexane	12.758	56	721953	9.28	ppbv	#	78
34) 2,2,4-Trimethylpentane	12.906	57	2253652	9.89	ppbv		99
35) Carbon Tetrachloride	13.050	117	671702	8.02	ppbv		100
36) 1,2-Dichloroethane	13.124	62	499518	8.29	ppbv		99
37) Benzene	13.253	78	872782	9.09	ppbv	#	100
38) n-Heptane	13.272	43	993074	10.36	ppbv	#	96
40) Trichloroethylene	14.288	95	406185	10.19	ppbv		98
41) 1,2-Dichloropropane	14.517	63	417748	10.92	ppbv	#	95
42) Methyl Methacrylate	14.533	69	330479	10.34	ppbv	#	69
43) 1,4-Dioxane	14.838	88	195620	10.30	ppbv	#	100
44) Bromodichloromethane	14.880	83	696862	10.12	ppbv	#	92
45) Methyl Isobutyl Ketone	15.420	43	1252776	11.70	ppbv		92
46) cis-1,3-Dichloropropene	15.774	75	531401	10.54	ppbv	#	92
47) Toluene	16.426	91	1047413	9.87	ppbv		98
48) trans-1,3-Dichloropropene	16.587	75	494956	10.35	ppbv	#	91
49) 1,1,2-Trichlorethane	16.883	97	352814	10.25	ppbv	#	90
50) 2-Hexanone	16.889	43	1099643	12.13	ppbv		96
51) 1,3-Dichloropropane	17.307	76	551380	10.56	ppbv	#	100
52) Tetrachloroethylene	17.626	166	481950	9.14	ppbv		99

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034959.D
Acq On : 30 Jan 2026 12:15 pm
Operator : YR
Sample : BA61722-BS1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

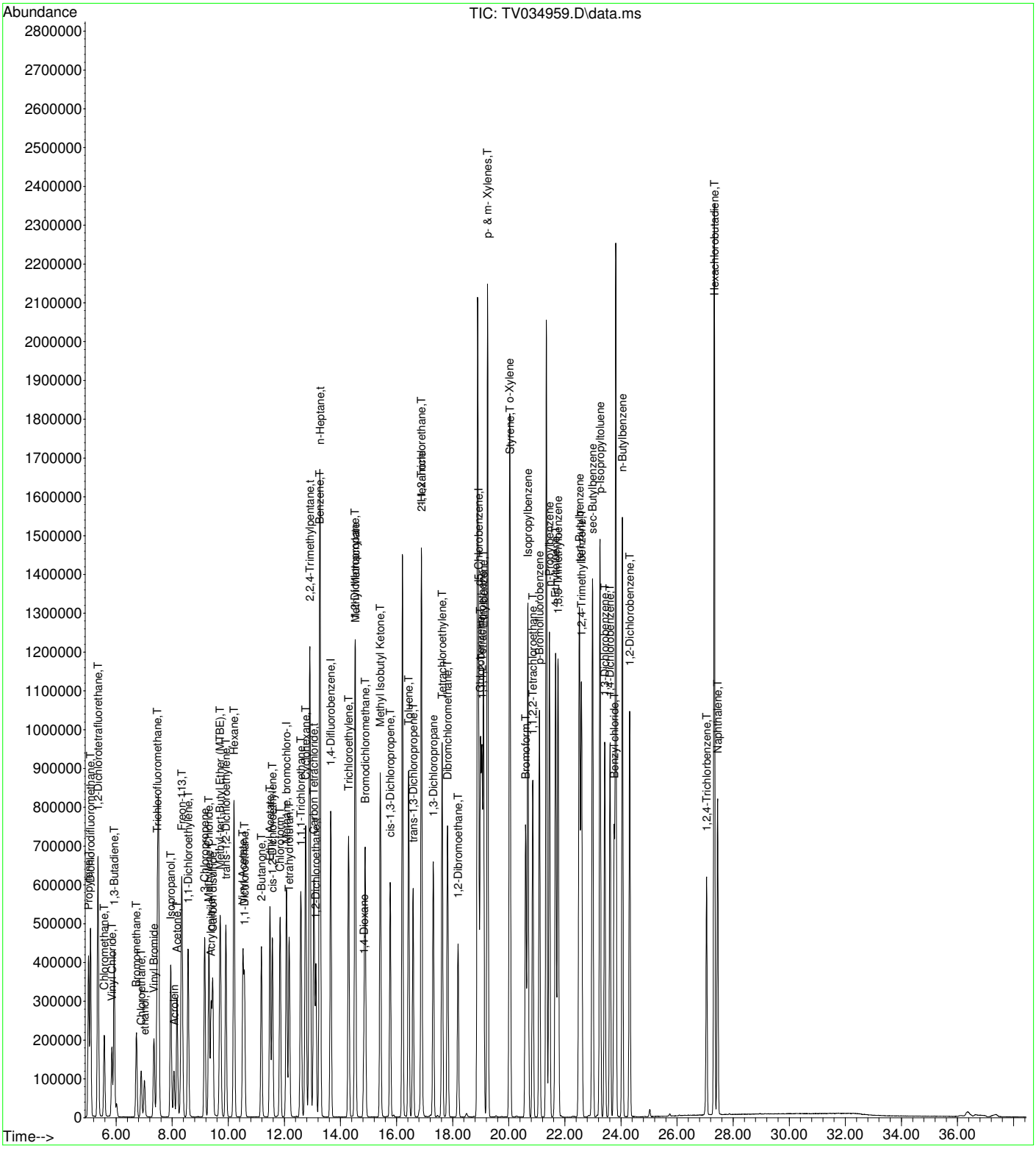
Quant Time: Jan 30 12:55:16 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.815	129	669856	9.78	ppbv		98
54) 1,2-Dibromoethane	18.192	107	536889	10.27	ppbv		99
56) Chlorobenzene	18.992	112	786481	9.75	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.041	131	454606	9.37	ppbv		98
58) Ethylbenzene	19.098	91	1395986	9.84	ppbv		97
59) p- & m- Xylenes	19.243	91	2104337	19.06	ppbv		99
60) o-Xylene	20.028	91	1099777	9.61	ppbv		99
61) Styrene	20.047	104	779905	9.82	ppbv	#	74
62) Bromoform	20.600	173	634525	9.83	ppbv		98
63) n-Propylbenzene	21.449	91	1876538	9.98	ppbv		100
64) Isopropylbenzene	20.680	105	1538026	9.73	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.854	83	821591	10.82	ppbv		99
66) p-Bromofluorobenzene	21.092	95	633522	10.05	ppbv		96
67) 4-Ethyltoluene	21.671	105	1468773	9.79	ppbv		96
68) 1,3,5-Trimethylbenzene	21.754	105	1236486	9.55	ppbv		93
69) tert-Butylbenzene	22.519	119	1395678	9.60	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.590	105	1270381	9.71	ppbv	#	87
71) sec-Butylbenzene	22.986	105	1901167	9.80	ppbv	#	100
72) p-Isopropyltoluene	23.253	119	1583359	9.89	ppbv	#	100
73) 1,3-Dichlorobenzene	23.423	146	719511	10.15	ppbv		99
74) 1,4-Dichlorobenzene	23.613	146	688832	10.21	ppbv		99
75) Benzyl chloride	23.761	126	193823	10.86	ppbv	#	1
76) n-Butylbenzene	24.050	91	1515920	11.01	ppbv	#	90
77) 1,2-Dichlorobenzene	24.310	146	724155	10.10	ppbv		100
78) 1,2,4-Trichlorbenzene	27.053	180	307010	8.70	ppbv		96
79) Hexachlorobutadiene	27.326	225	745561	10.12	ppbv		97
80) Naphthalene	27.445	128	1022981	10.06	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034959.D
Acq On : 30 Jan 2026 12:15 pm
Operator : YR
Sample : BA61722-BS1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Jan 30 12:55:16 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



FORM IV **PREPARATION BATCH SUMMARY**

EPA TO-15

Laboratory: ALS Environmental - Stratford SDG: 26A1103

Client: PVE, LLC. (Poughkeepsie) Project: 33 East Main Street Pawling, NY

Batch: BA61722 Batch Matrix: Air Preparation: EPA TO15 PREP

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
SSV-1 20260122	26A1103-01	TV034972.D	01/30/26 11:46	
AI-1 20260122	26A1103-02	TV034973.D	01/30/26 11:46	
SSV-2 20260122	26A1103-03	TV034974.D	01/30/26 11:46	
AI-2 20260122	26A1103-04	TV034975.D	01/30/26 11:46	
SSV-3 20260122	26A1103-05	TV034976.D	01/30/26 11:46	
SSV-3 20260122	26A1103-05RE1	TV034982.D	01/30/26 11:46	Added 2/2/2026 by BMC
AI-3 20260122	26A1103-06	TV034977.D	01/30/26 11:46	
SSV-4 20260122	26A1103-07	TV034978.D	01/30/26 11:46	
AI-4 20260122	26A1103-08	TV034979.D	01/30/26 11:46	
SSV-5 20260122	26A1103-09	TV034980.D	01/30/26 11:46	
AI-5 20260122	26A1103-10	TV034981.D	01/30/26 11:46	
Blank	BA61722-BLK1	TV034961.D	01/29/26 11:46	
LCS	BA61722-BS1	TV034959.D	01/29/26 11:46	

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	ALS Environmental - Stratford			SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)			Laboratory ID:	BA61722-BLK1
Project:	33 East Main Street Pawling, NY			Calibration:	SL50019
Preparation:	EPA TO15 PREP	Prepared:	01/29/26 11:46	File ID:	TV034961.D
Instrument:	TO15_AIR3	Analyzed:	01/30/26 13:47	Initial/Final:	400 mL / 400 mL
Batch:	BA61722	Sequence:	S6A3038	Matrix:	Air

Analyzed by: ALS Environmental - Stratford

Volatile Organic Compounds in Air by GC/MS
Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	37	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
142-28-9	1,3-Dichloropropane	ND		ug/m³	0.46	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
123-91-1	1,4-Dioxane	ND		ug/m³	1.8	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.23	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
78-93-3	2-Butanone	ND		ug/m³	15	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
591-78-6	2-Hexanone	ND		ug/m³	0.82	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
67-64-1	Acetone	ND		ug/m³	12	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
107-02-8	Acrolein	ND		ug/m³	0.23	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
107-13-1	Acrylonitrile	ND		ug/m³	11	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
71-43-2	Benzene	ND		ug/m³	0.32	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
100-44-7	Benzyl chloride	ND		ug/m³	13	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-25-2	Bromoform	ND		ug/m³	1.0	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
74-83-9	Bromomethane	ND		ug/m³	0.39	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
56-23-5	Carbon tetrachloride	ND		ug/m³	0.19	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-00-3	Chloroethane	ND		ug/m³	0.26	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
67-66-3	Chloroform	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
74-87-3	Chloromethane	ND		ug/m³	0.21	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.20	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
110-82-7	Cyclohexane	ND		ug/m³	0.34	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	ALS Environmental - Stratford			SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)			Laboratory ID:	BA61722-BLK1
Project:	33 East Main Street Pawling, NY			Calibration:	SL50019
Preparation:	EPA TO15 PREP	Prepared:	01/29/26 11:46	File ID:	TV034961.D
Instrument:	TO15_AIR3	Analyzed:	01/30/26 13:47	Initial/Final:	400 mL / 400 mL
Batch:	BA61722	Sequence:	S6A3038	Matrix:	Air

Volatile Organic Compounds in Air by GC/MS
Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
141-78-6	Ethyl acetate	ND		ug/m³	18	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
67-63-0	Isopropanol	ND		ug/m³	1.5	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
98-82-8	Isopropylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-09-2	Methylene chloride	ND		ug/m³	2.1	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
91-20-3	Naphthalene	ND		ug/m³	5.2	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
104-51-8	n-Butylbenzene	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
142-82-5	n-Heptane	ND		ug/m³	0.41	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
110-54-3	n-Hexane	ND		ug/m³	0.35	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
103-65-1	n-Propylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
95-47-6	o-Xylene	ND		ug/m³	0.43	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
622-96-8	p-Ethyltoluene	ND		ug/m³	0.49	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
99-87-6	p-Isopropyltoluene	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
115-07-1	Propylene	ND		ug/m³	0.17	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
135-98-8	sec-Butylbenzene	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
100-42-5	Styrene	ND		ug/m³	0.43	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
98-06-6	tert-Butylbenzene	ND		ug/m³	0.55	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.68	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
109-99-9	Tetrahydrofuran	ND		ug/m³	0.59	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
108-88-3	Toluene	ND		ug/m³	0.38	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
79-01-6	Trichloroethylene	ND		ug/m³	0.16	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.56	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
108-05-4	Vinyl acetate	ND		ug/m³	0.35	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	
1330-20-7	Xylenes, Total	ND		ug/m³	1.3	1	EPA TO-15	01/29/26 11:46	01/30/26 13:47	

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034961.D
Acq On : 30 Jan 2026 01:47 pm
Operator : YR
Sample : BA61722-BLK1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

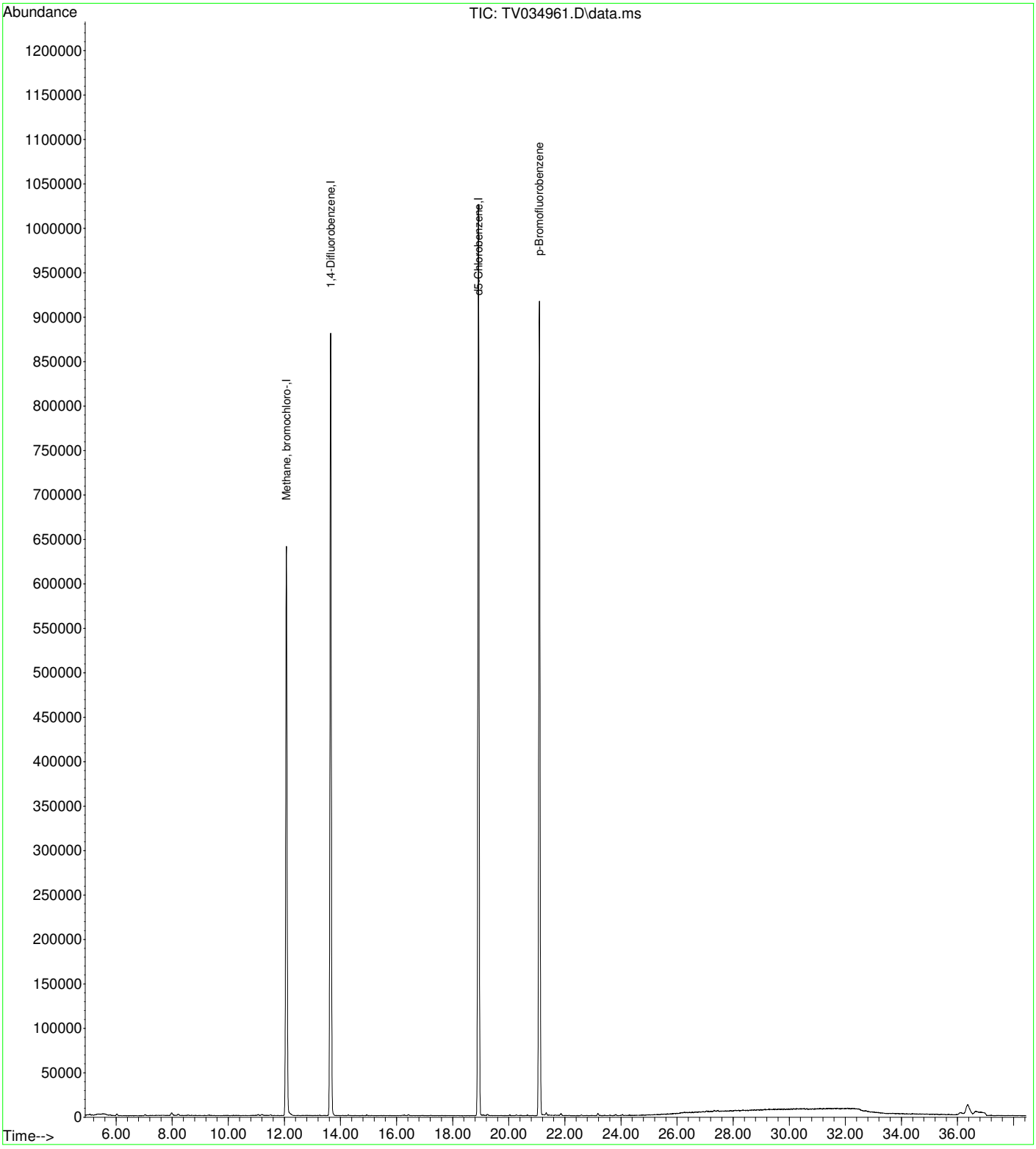
Quant Time: Jan 30 14:48:54 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

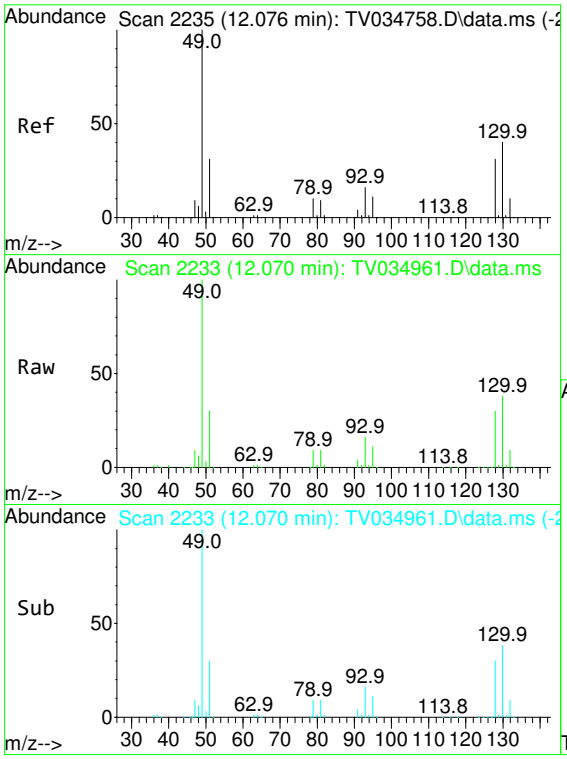
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.070	49	748466	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.649	114	1086714	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.918	117	924630	10.00	ppbv	#-0.04
Target Compounds						Qvalue
66) p-Bromofluorobenzene	21.089	95	558934	8.23	ppbv	96

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034961.D
Acq On : 30 Jan 2026 01:47 pm
Operator : YR
Sample : BA61722-BLK1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Jan 30 14:48:54 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

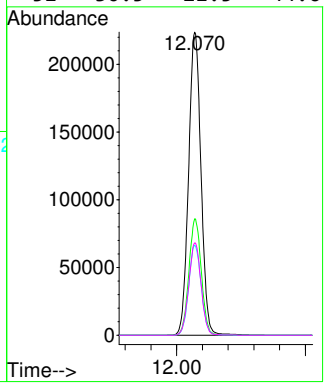


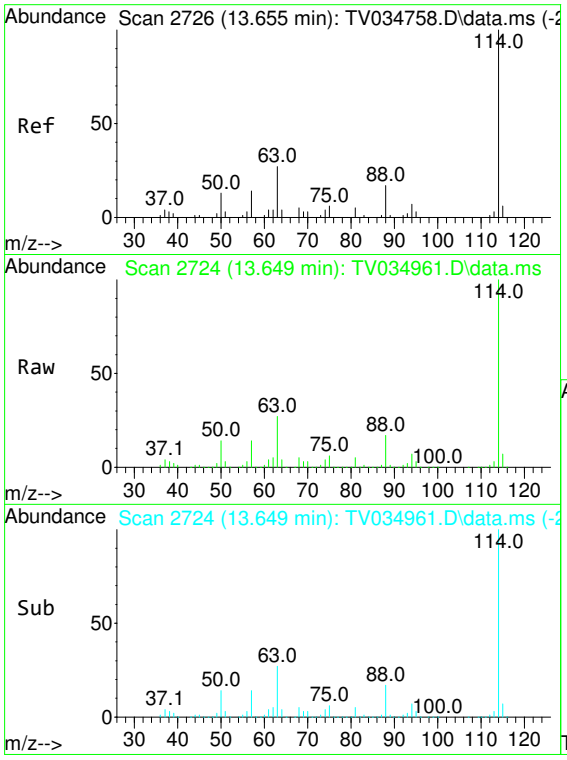


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.070 min Scan# 2233
Delta R.T. -0.041 min
Lab File: TV034961.D
Acq: 30 Jan 2026 01:47 pm

Tgt Ion: 49 Resp: 748466

Ion	Ratio	Lower	Upper
49	100		
130	38.5	44.5	92.3#
128	30.0	34.7	72.1#
51	30.5	21.5	44.6

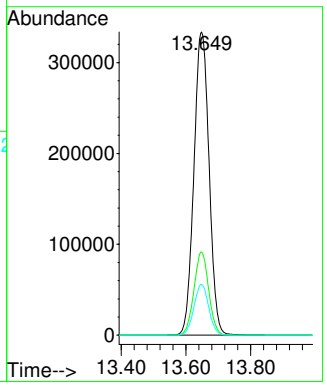


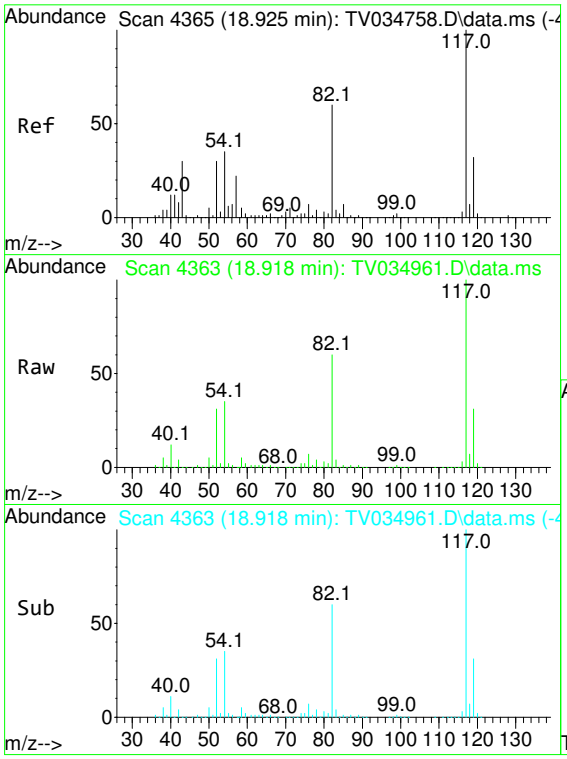


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.649 min Scan# 2724
Delta R.T. -0.040 min
Lab File: TV034961.D
Acq: 30 Jan 2026 01:47 pm

Tgt Ion:114 Resp: 1086714

Ion	Ratio	Lower	Upper
114	100		
63	26.8	14.0	29.2
88	16.4	11.2	23.2

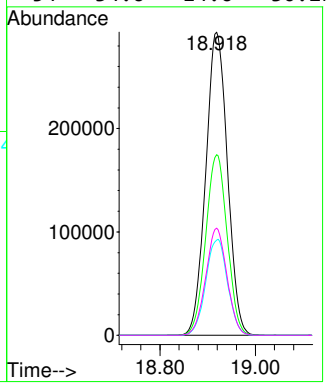


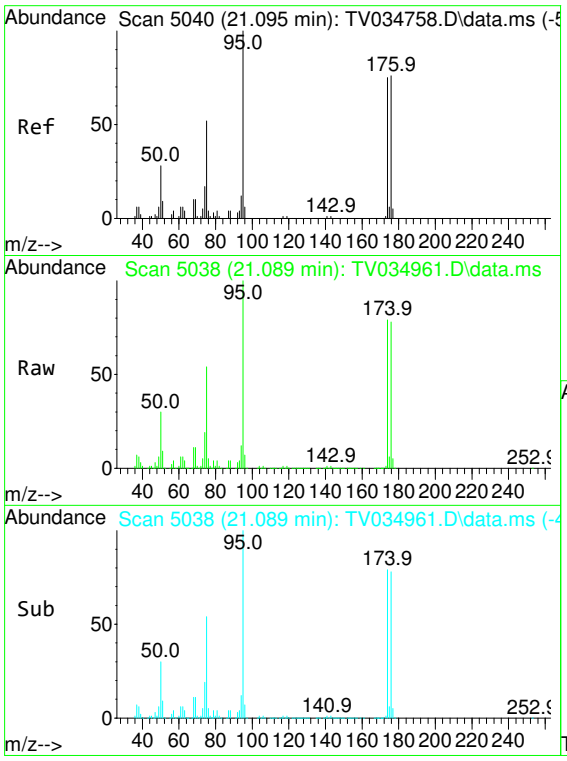


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.918 min Scan# 4363
Delta R.T. -0.044 min
Lab File: TV034961.D
Acq: 30 Jan 2026 01:47 pm

Tgt Ion:117 Resp: 924630

Ion	Ratio	Lower	Upper
117	100		
82	59.1	38.7	80.5
119	32.0	20.3	42.3
54	34.6	14.6	30.2#

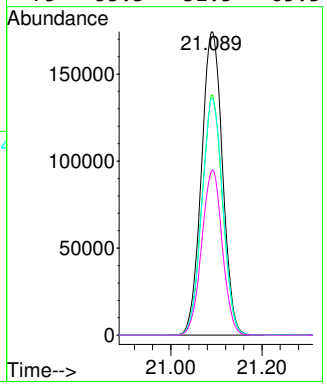




#66
p-Bromofluorobenzene
Concen: 8.23 ppbv
RT: 21.089 min Scan# 5038
Delta R.T. -0.046 min
Lab File: TV034961.D
Acq: 30 Jan 2026 01:47 pm

Tgt Ion: 95 Resp: 558934

Ion	Ratio	Lower	Upper
95	100		
174	77.6	50.0	103.8
176	77.9	48.2	100.2
75	53.3	31.5	65.3



FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Lab File ID:	TV034037.D	Injection Date:	12/05/25
Instrument ID:	TO15_AIR3	Injection Time:	16:22
Sequence:	S5L0903	Lab Sample ID:	S5L0903-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	27.2	PASS
75	30 - 66% of 95	53.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.52	PASS
173	Less than 2% of 174	1.17	PASS
174	50 - 120% of 95	79.1	PASS
175	4 - 9% of 174	7.84	PASS
176	93 - 101% of 174	101	PASS
177	5 - 9% of 176	6.77	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

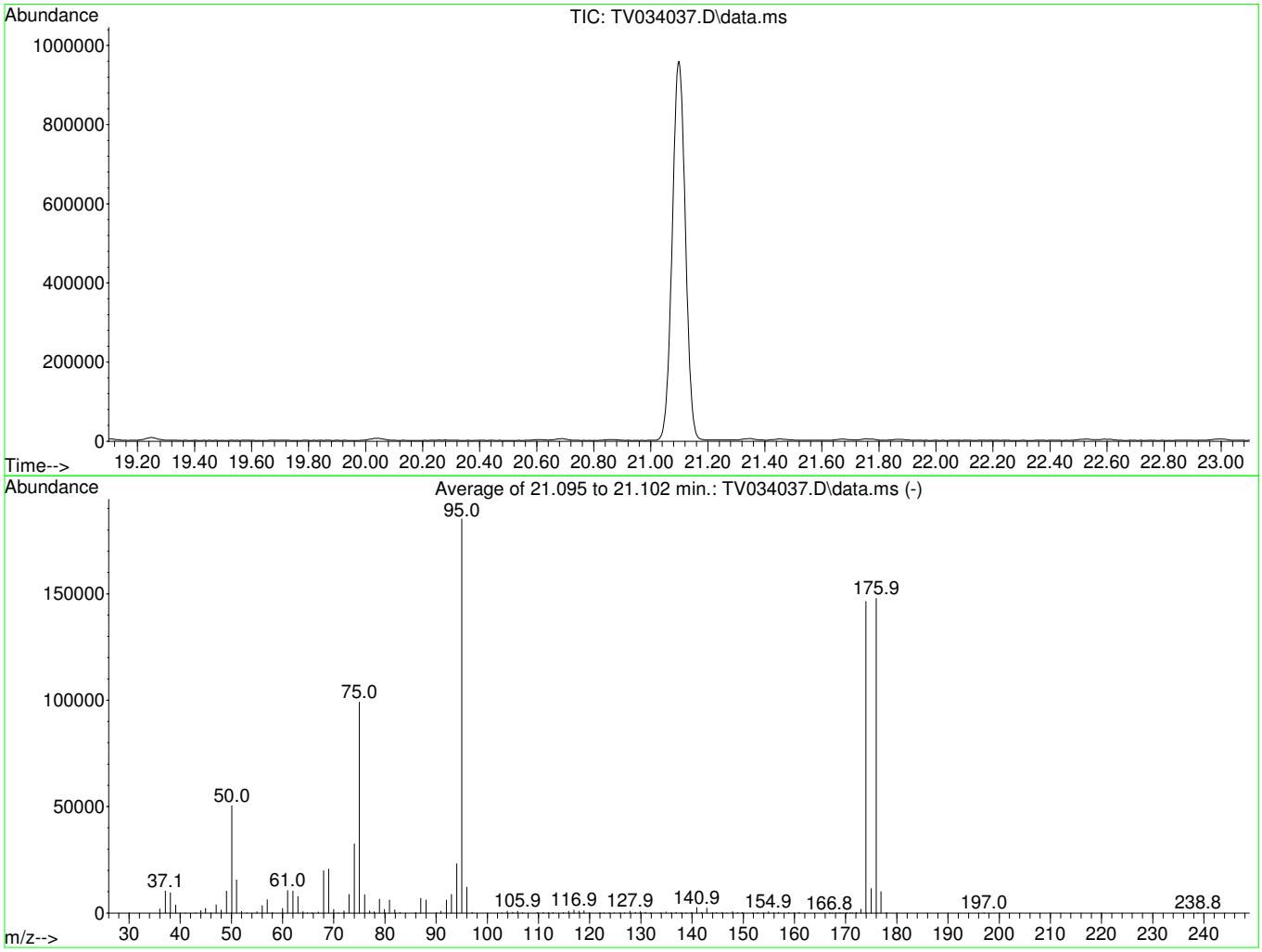
Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Lab File ID:	TV034957.D	Injection Date:	01/30/26
Instrument ID:	TO15_AIR3	Injection Time:	10:42
Sequence:	S6A3038	Lab Sample ID:	S6A3038-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	32.8	PASS
75	30 - 66% of 95	56.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0.905	PASS
174	50 - 120% of 95	73.5	PASS
175	4 - 9% of 174	7.74	PASS
176	93 - 101% of 174	100	PASS
177	5 - 9% of 176	6.63	PASS

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034037.D
Acq On : 05 Dec 2025 04:22 pm
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Title : TO15 VOC Analysis
Last Update : Mon Dec 08 14:43:00 2025



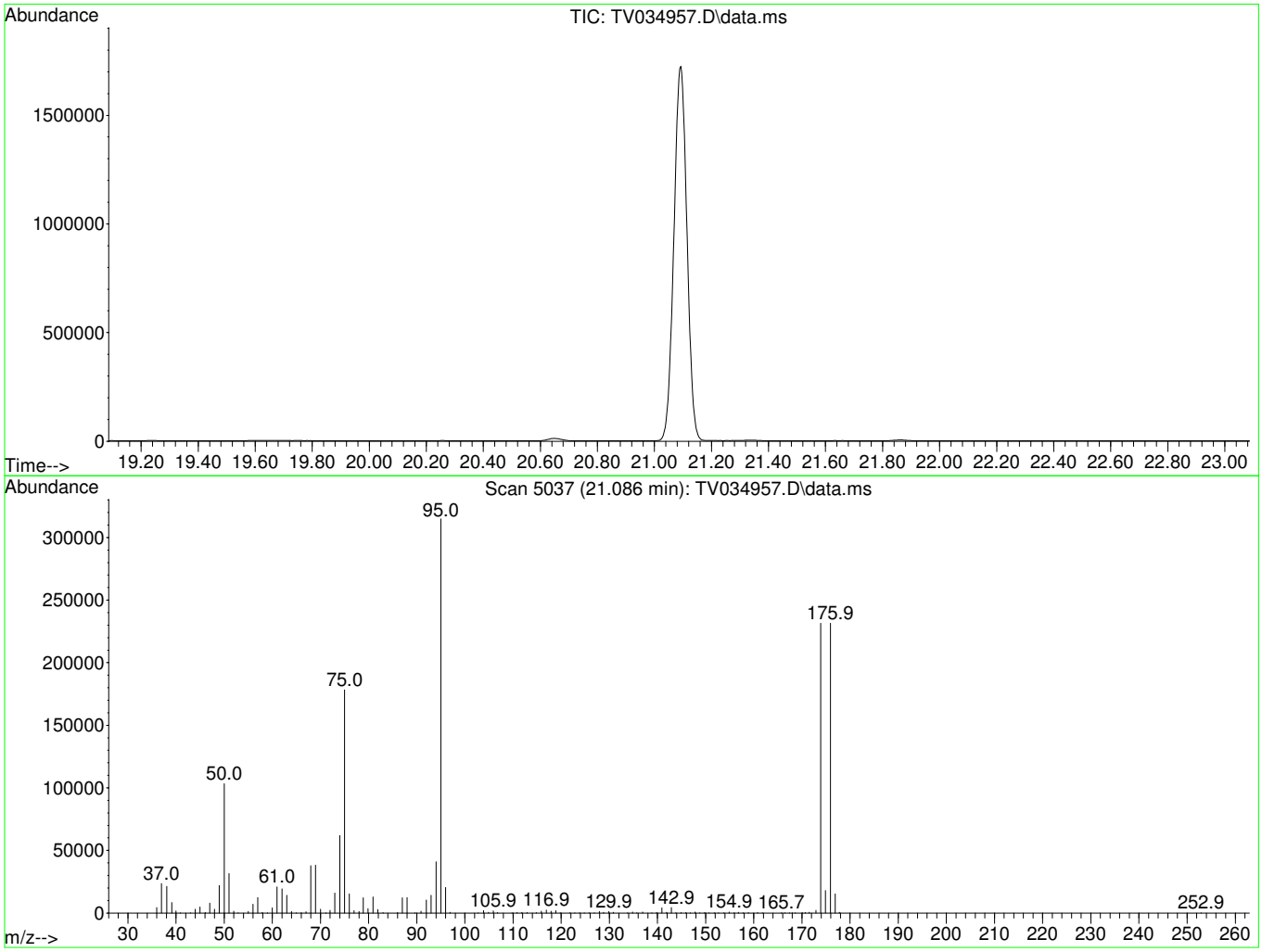
Spectrum Information: Average of 21.095 to 21.102 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	27.2	50440	PASS
75	95	30	66	53.5	99104	PASS
95	95	100	100	100.0	185195	PASS
96	95	5	9	6.5	12082	PASS
173	174	0.00	2	1.2	1720	PASS
174	95	50	120	79.1	146453	PASS
175	174	4	9	7.8	11486	PASS
176	174	93	101	100.9	147776	PASS
177	176	5	9	6.8	10004	PASS

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034957.D
Acq On : 30 Jan 2026 10:42 am
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Title : TO15 VOC Analysis
Last Update : Mon Dec 08 14:43:00 2025



Spectrum Information: Scan 5037

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	32.8	103368	PASS
75	95	30	66	56.6	178304	PASS
95	95	100	100	100.0	314880	PASS
96	95	5	9	6.5	20456	PASS
173	174	0.00	2	0.9	2096	PASS
174	95	50	120	73.5	231488	PASS
175	174	4	9	7.7	17928	PASS
176	174	93	101	100.0	231488	PASS
177	176	5	9	6.6	15355	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Sequence: S5L0903
Instrument: TO15_AIR3
Calibration: SL50019

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5L0903-TUN1	TV034037.D	12/05/25 16:22
Cal Standard	S5L0903-CAL1	TV034038.D	12/05/25 17:08
Cal Standard	S5L0903-CAL2	TV034039.D	12/05/25 17:54
Cal Standard	S5L0903-CAL3	TV034040.D	12/05/25 18:40
Cal Standard	S5L0903-CAL4	TV034041.D	12/05/25 19:26
Cal Standard	S5L0903-CAL5	TV034042.D	12/05/25 20:12
Cal Standard	S5L0903-CAL6	TV034043.D	12/05/25 20:58
Cal Standard	S5L0903-CAL7	TV034044.D	12/05/25 21:44
Cal Standard	S5L0903-CAL8	TV034045.D	12/05/25 22:30
Cal Standard	S5L0903-CAL9	TV034046.D	12/05/25 23:16
Cal Standard	S5L0903-CALA	TV034047.D	12/06/25 00:02
Secondary Cal Check	S5L0903-SCV1	TV034051.D	12/06/25 03:07

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Sequence:	S6A3038	Instrument:	TO15_AIR3
		Calibration:	SL50019

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6A3038-TUN1	TV034957.D	01/30/26 10:42
Calibration Check	S6A3038-CCV1	TV034958.D	01/30/26 11:28
LCS	BA61722-BS1	TV034959.D	01/30/26 12:15
Blank	BA61722-BLK1	TV034961.D	01/30/26 13:47
SSV-1 20260122	26A1103-01	TV034972.D	01/30/26 22:12
AI-1 20260122	26A1103-02	TV034973.D	01/31/26 00:16
SSV-2 20260122	26A1103-03	TV034974.D	01/31/26 01:01
AI-2 20260122	26A1103-04	TV034975.D	01/31/26 01:47
SSV-3 20260122	26A1103-05	TV034976.D	01/31/26 02:33
AI-3 20260122	26A1103-06	TV034977.D	01/31/26 03:19
SSV-4 20260122	26A1103-07	TV034978.D	01/31/26 04:05
AI-4 20260122	26A1103-08	TV034979.D	01/31/26 04:50
SSV-5 20260122	26A1103-09	TV034980.D	01/31/26 05:36
AI-5 20260122	26A1103-10	TV034981.D	01/31/26 06:22
SSV-3 20260122	26A1103-05RE1	TV034982.D	01/31/26 07:07

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA TO-15

Laboratory: ALS Environmental - Stratford
Client: PVE, LLC. (Poughkeepsie)
Sequence: S6A3038

SDG: 26A1103
Project: 33 East Main Street Pawling, NY
Instrument: TO15_AIR3
Calibration: SL50019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SSV-1 20260122 (26A1103-01)			Lab File ID: TV034972.D			Analyzed: 01/30/26 22:12			
ISTD: Bromochloromethane	645410	12.07	669528	12.073	96	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	898042	13.649	904977	13.652	99	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	748795	18.918	840627	18.922	89	60 - 140	-0.0040	+/-0.50	
AI-1 20260122 (26A1103-02)			Lab File ID: TV034973.D			Analyzed: 01/31/26 00:16			
ISTD: Bromochloromethane	668437	12.07	669528	12.073	100	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	923879	13.649	904977	13.652	102	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	793589	18.922	840627	18.922	94	60 - 140	0.0000	+/-0.50	
SSV-2 20260122 (26A1103-03)			Lab File ID: TV034974.D			Analyzed: 01/31/26 01:01			
ISTD: Bromochloromethane	655221	12.07	669528	12.073	98	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	911238	13.649	904977	13.652	101	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	771565	18.919	840627	18.922	92	60 - 140	-0.0030	+/-0.50	
AI-2 20260122 (26A1103-04)			Lab File ID: TV034975.D			Analyzed: 01/31/26 01:47			
ISTD: Bromochloromethane	651563	12.07	669528	12.073	97	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	904391	13.648	904977	13.652	100	60 - 140	-0.0040	+/-0.50	
ISTD: d5-Chlorobenzene	763032	18.918	840627	18.922	91	60 - 140	-0.0040	+/-0.50	
SSV-3 20260122 (26A1103-05)			Lab File ID: TV034976.D			Analyzed: 01/31/26 02:33			
ISTD: Bromochloromethane	640149	12.07	669528	12.073	96	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	896439	13.649	904977	13.652	99	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	766759	18.919	840627	18.922	91	60 - 140	-0.0030	+/-0.50	
AI-3 20260122 (26A1103-06)			Lab File ID: TV034977.D			Analyzed: 01/31/26 03:19			
ISTD: Bromochloromethane	673993	12.07	669528	12.073	101	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	954340	13.645	904977	13.652	105	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	808479	18.919	840627	18.922	96	60 - 140	-0.0030	+/-0.50	
SSV-4 20260122 (26A1103-07)			Lab File ID: TV034978.D			Analyzed: 01/31/26 04:05			
ISTD: Bromochloromethane	645679	12.07	669528	12.073	96	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	908101	13.645	904977	13.652	100	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	785511	18.919	840627	18.922	93	60 - 140	-0.0030	+/-0.50	
AI-4 20260122 (26A1103-08)			Lab File ID: TV034979.D			Analyzed: 01/31/26 04:50			
ISTD: Bromochloromethane	676167	12.07	669528	12.073	101	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	963619	13.645	904977	13.652	106	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	805454	18.918	840627	18.922	96	60 - 140	-0.0040	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Sequence: S6A3038

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Instrument: TO15_AIR3

Calibration: SL50019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SSV-5 20260122 (26A1103-09)			Lab File ID: TV034980.D			Analyzed: 01/31/26 05:36			
ISTD: Bromochloromethane	664268	12.07	669528	12.073	99	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	928500	13.645	904977	13.652	103	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	793663	18.918	840627	18.922	94	60 - 140	-0.0040	+/-0.50	
AI-5 20260122 (26A1103-10)			Lab File ID: TV034981.D			Analyzed: 01/31/26 06:22			
ISTD: Bromochloromethane	668751	12.07	669528	12.073	100	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	948321	13.645	904977	13.652	105	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	793022	18.918	840627	18.922	94	60 - 140	-0.0040	+/-0.50	
SSV-3 20260122 (26A1103-05RE1)			Lab File ID: TV034982.D			Analyzed: 01/31/26 07:07			
ISTD: Bromochloromethane	656833	12.07	669528	12.073	98	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	927547	13.645	904977	13.652	102	60 - 140	-0.0070	+/-0.50	
ISTD: d5-Chlorobenzene	780453	18.915	840627	18.922	93	60 - 140	-0.0070	+/-0.50	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Sequence: S5L0903
Instrument: TO15_AIR3
Calibration: SL50019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5L0903-CAL1)			Lab File ID: TV034038.D			Analyzed: 12/05/25 17:08			
ISTD: Bromochloromethane	692891	12.08	642992	12.086	108	60 - 140	-0.0060	+/-0.50	
ISTD: 1,4-Difluorobenzene	1119081	13.658	1035578	13.661	108	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	948898	18.928	926247	18.931	102	60 - 140	-0.0030	+/-0.50	
Cal Standard (S5L0903-CAL2)			Lab File ID: TV034039.D			Analyzed: 12/05/25 17:54			
ISTD: Bromochloromethane	674997	12.08	642992	12.086	105	60 - 140	-0.0060	+/-0.50	
ISTD: 1,4-Difluorobenzene	1071981	13.658	1035578	13.661	104	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	917175	18.925	926247	18.931	99	60 - 140	-0.0060	+/-0.50	
Cal Standard (S5L0903-CAL3)			Lab File ID: TV034040.D			Analyzed: 12/05/25 18:40			
ISTD: Bromochloromethane	668960	12.076	642992	12.086	104	60 - 140	-0.0100	+/-0.50	
ISTD: 1,4-Difluorobenzene	1062594	13.658	1035578	13.661	103	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	909783	18.928	926247	18.931	98	60 - 140	-0.0030	+/-0.50	
Cal Standard (S5L0903-CAL4)			Lab File ID: TV034041.D			Analyzed: 12/05/25 19:26			
ISTD: Bromochloromethane	673054	12.076	642992	12.086	105	60 - 140	-0.0100	+/-0.50	
ISTD: 1,4-Difluorobenzene	1062632	13.658	1035578	13.661	103	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	922248	18.928	926247	18.931	100	60 - 140	-0.0030	+/-0.50	
Cal Standard (S5L0903-CAL5)			Lab File ID: TV034042.D			Analyzed: 12/05/25 20:12			
ISTD: Bromochloromethane	662976	12.079	642992	12.086	103	60 - 140	-0.0070	+/-0.50	
ISTD: 1,4-Difluorobenzene	1034095	13.658	1035578	13.661	100	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	902871	18.928	926247	18.931	97	60 - 140	-0.0030	+/-0.50	
Cal Standard (S5L0903-CAL6)			Lab File ID: TV034043.D			Analyzed: 12/05/25 20:58			
ISTD: Bromochloromethane	649460	12.083	642992	12.086	101	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	1019575	13.661	1035578	13.661	98	60 - 140	0.0000	+/-0.50	
ISTD: d5-Chlorobenzene	907096	18.928	926247	18.931	98	60 - 140	-0.0030	+/-0.50	
Cal Standard (S5L0903-CAL7)			Lab File ID: TV034044.D			Analyzed: 12/05/25 21:44			
ISTD: Bromochloromethane	642992	12.086				60 - 140	12.0860	+/-0.50	*
ISTD: 1,4-Difluorobenzene	1035578	13.661				60 - 140	13.6610	+/-0.50	*
ISTD: d5-Chlorobenzene	926247	18.931				60 - 140	18.9310	+/-0.50	*
Cal Standard (S5L0903-CAL8)			Lab File ID: TV034045.D			Analyzed: 12/05/25 22:30			
ISTD: Bromochloromethane	651842	12.086	642992	12.086	101	60 - 140	0.0000	+/-0.50	
ISTD: 1,4-Difluorobenzene	1066242	13.661	1035578	13.661	103	60 - 140	0.0000	+/-0.50	
ISTD: d5-Chlorobenzene	960257	18.931	926247	18.931	104	60 - 140	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Sequence: S5L0903
Instrument: TO15_AIR3
Calibration: SL50019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5L0903-CAL9)			Lab File ID: TV034046.D			Analyzed: 12/05/25 23:16			
ISTD: Bromochloromethane	640043	12.086	642992	12.086	100	60 - 140	0.0000	+/-0.50	
ISTD: 1,4-Difluorobenzene	1074646	13.665	1035578	13.661	104	60 - 140	0.0040	+/-0.50	
ISTD: d5-Chlorobenzene	954845	18.931	926247	18.931	103	60 - 140	0.0000	+/-0.50	
Cal Standard (S5L0903-CALA)			Lab File ID: TV034047.D			Analyzed: 12/06/25 00:02			
ISTD: Bromochloromethane	629985	12.086	642992	12.086	98	60 - 140	0.0000	+/-0.50	
ISTD: 1,4-Difluorobenzene	1092924	13.665	1035578	13.661	106	60 - 140	0.0040	+/-0.50	
ISTD: d5-Chlorobenzene	963817	18.931	926247	18.931	104	60 - 140	0.0000	+/-0.50	
Secondary Cal Check (S5L0903-SCV1)			Lab File ID: TV034051.D			Analyzed: 12/06/25 03:07			
ISTD: Bromochloromethane	622082	12.083	642992	12.086	97	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	1022754	13.658	1035578	13.661	99	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	915755	18.928	926247	18.931	99	60 - 140	-0.0030	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Sequence: S6A3038

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Instrument: TO15_AIR3

Calibration: SL50019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6A3038-CCV1)			Lab File ID: TV034958.D			Analyzed: 01/30/26 11:28			
ISTD: Bromochloromethane	669528	12.073				60 - 140	12.0730	+/-0.50	
ISTD: 1,4-Difluorobenzene	904977	13.652				60 - 140	13.6520	+/-0.50	
ISTD: d5-Chlorobenzene	840627	18.922				60 - 140	18.9220	+/-0.50	
LCS (BA61722-BS1)			Lab File ID: TV034959.D			Analyzed: 01/30/26 12:15			
ISTD: Bromochloromethane	693519	12.073	669528	12.073	104	60 - 140	0.0000	+/-0.50	
ISTD: 1,4-Difluorobenzene	963627	13.652	904977	13.652	106	60 - 140	0.0000	+/-0.50	
ISTD: d5-Chlorobenzene	858400	18.922	840627	18.922	102	60 - 140	0.0000	+/-0.50	
Blank (BA61722-BLK1)			Lab File ID: TV034961.D			Analyzed: 01/30/26 13:47			
ISTD: Bromochloromethane	748466	12.07	669528	12.073	112	60 - 140	-0.0030	+/-0.50	
ISTD: 1,4-Difluorobenzene	1086714	13.649	904977	13.652	120	60 - 140	-0.0030	+/-0.50	
ISTD: d5-Chlorobenzene	924630	18.918	840627	18.922	110	60 - 140	-0.0040	+/-0.50	

FORM VI INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	0.025		0.05		0.1	0.5883821	0.5	0.5761791	2.5	0.5647584	5	0.5608271
1,1,1-Trichloroethane	0.025		0.05		0.1	1.205603	0.5	1.139463	2.5	1.132759	5	1.158827
1,1,2,2-Tetrachloroethane	0.025		0.05		0.1	0.8621836	0.5	0.8491208	2.5	0.9023615	5	0.9139231
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	0.025		0.05		0.1	0.8208264	0.5	0.8270362	2.5	0.8364224	5	0.8596588
1,1,2-Trichloroethane	0.025		0.05		0.1	0.3560156	0.5	0.3447666	2.5	0.3597967	5	0.3625314
1,1-Dichloroethane	0.025		0.05		0.1	1.026369	0.5	0.9949276	2.5	0.9912878	5	1.00473
1,1-Dichloroethylene	0.025	0.9467579	0.05	1.012153	0.1	0.9640337	0.5	0.9085749	2.5	0.932444	5	0.9550827
1,2,4-Trichlorobenzene	0.025		0.05		0.1		0.5	~~7.600992E-02~~	2.5	0.2581321	5	0.2744164
1,2,4-Trimethylbenzene	0.025		0.05		0.1	1.35307	0.5	1.42144	2.5	1.551278	5	1.569754
1,2-Dibromoethane	0.025		0.05		0.1	0.4670646	0.5	0.5112212	2.5	0.5359817	5	0.5506392
1,2-Dichlorobenzene	0.025		0.05		0.1	0.5219926	0.5	0.6359244	2.5	0.8296423	5	0.876701
1,2-Dichloroethane	0.025		0.05		0.1	0.8978115	0.5	0.8437659	2.5	0.839958	5	0.8553598
1,2-Dichloropropane	0.025		0.05		0.1	0.4119165	0.5	0.3977106	2.5	0.4021178	5	0.40368
1,2-Dichlorotetrafluoroetha ne	0.025		0.05		0.1	1.042663	0.5	1.011954	2.5	1.060551	5	1.088766
1,3,5-Trimethylbenzene	0.025		0.05		0.1	1.464195	0.5	1.424281	2.5	1.530814	5	1.532859
1,3-Butadiene	0.025		0.05		0.1	0.5317209	0.5	0.5090231	2.5	0.5039217	5	0.5171373
1,3-Dichlorobenzene	0.025		0.05		0.1	0.4915458	0.5	0.5861764	2.5	0.8059756	5	0.8566568
1,3-Dichloropropane	0.025		0.05		0.1	0.487204	0.5	0.5320186	2.5	0.5455205	5	0.5539367
1,4-Dichlorobenzene	0.025		0.05		0.1	0.382289	0.5	0.5159133	2.5	0.7376469	5	0.8017233
1,4-Dioxane	0.025		0.05		0.1	0.1978178	0.5	0.199674	2.5	0.1941949	5	0.1976863
2,2,4-Trimethylpentane	0.025	3.445852	0.05	3.376904	0.1	3.279867	0.5	3.16979	2.5	3.234452	5	3.244539
2-Butanone	0.025		0.05		0.1	1.68904	0.5	1.481159	2.5	1.509135	5	1.478866
2-Hexanone	0.025		0.05		0.1	0.8370083	0.5	0.8383523	2.5	0.9793994	5	0.9972744
3-Chloropropene	0.025		0.05		0.1	0.8830124	0.5	0.8911023	2.5	0.9086241	5	0.9134265
4-Methyl-2-pentanone	0.025		0.05		0.1	1.167991	0.5	1.114271	2.5	1.150981	5	1.155091
Acetone	0.025		0.05		0.1	~~1.87201~~	0.5	1.314724	2.5	1.200502	5	1.021969
Acrolein	0.025		0.05		0.1	0.3405286	0.5	0.2799181	2.5	0.2772167	5	0.2810673
Acrylonitrile	0.025		0.05		0.1	~~1.05537~~	0.5	0.7302832	2.5	0.6865769	5	0.5724171

FORM VI INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzene	0.025		0.05		0.1	1.457636	0.5	1.374214	2.5	1.356942	5	1.342494
Benzyl chloride	0.025		0.05		0.1	6.320188E-02	0.5	0.121746	2.5	0.1982387	5	0.2121914
Bromodichloromethane	0.025		0.05		0.1	0.7180541	0.5	0.693975	2.5	0.7197056	5	0.725518
Bromoform	0.025		0.05		0.1	0.6797225	0.5	0.7082694	2.5	0.762625	5	0.7458461
Bromomethane	0.025		0.05		0.1	0.3862712	0.5	0.3731944	2.5	0.3804059	5	0.390004
Carbon disulfide	0.025		0.05		0.1	1.216515	0.5	1.208491	2.5	1.234162	5	1.240926
Carbon tetrachloride	0.025	1.171324	0.05	1.113783	0.1	1.173015	0.5	1.155836	2.5	1.194107	5	1.210295
Chlorobenzene	0.025		0.05		0.1	0.957591	0.5	0.9353883	2.5	0.9389957	5	0.9296855
Chloroethane	0.025		0.05		0.1	0.2844714	0.5	0.2715384	2.5	0.2662781	5	0.2686878
Chloroform	0.025		0.05		0.1	1.068225	0.5	1.001822	2.5	1.024037	5	1.048767
Chloromethane	0.025		0.05		0.1	0.6870366	0.5	0.6093122	2.5	0.5952915	5	0.6028578
cis-1,2-Dichloroethylene	0.025	0.8965335	0.05	0.8672631	0.1	1.039225	0.5	0.817973	2.5	0.8297495	5	0.8390725
cis-1,3-Dichloropropylene	0.025		0.05		0.1	0.4799575	0.5	0.5001355	2.5	0.5257699	5	0.5341853
Cyclohexane	0.025		0.05		0.1	1.140277	0.5	1.10214	2.5	1.100933	5	1.102359
Dibromochloromethane	0.025		0.05		0.1	0.6397552	0.5	0.6792944	2.5	0.7132497	5	0.7226619
Dichlorodifluoromethane	0.025		0.05		0.1	1.222644	0.5	1.217733	2.5	1.126635	5	1.27517
Ethanol	0.025		0.05		0.1	1.31114	0.5	0.5919287	2.5	0.4408425	5	0.2786284
Ethyl acetate	0.025		0.05		0.1	1.692627	0.5	1.690771	2.5	1.758573	5	1.749743
Ethyl Benzene	0.025		0.05		0.1	1.665562	0.5	1.632771	2.5	1.678016	5	1.660656
Hexachlorobutadiene	0.025		0.05		0.1	0.6798324	0.5	0.7499067	2.5	0.8756467	5	0.9303712
Isopropanol	0.025		0.05		0.1	~~1.545085~~	0.5	1.364913	2.5	1.34902	5	1.370933
Isopropylbenzene	0.025		0.05		0.1	1.791086	0.5	1.813655	2.5	1.885013	5	1.870056
Methyl Methacrylate	0.025		0.05		0.1	0.3338058	0.5	0.3333609	2.5	0.3324066	5	0.3335449
Methyl tert-butyl ether (MTBE)	0.025		0.05		0.1	1.370037	0.5	1.339239	2.5	1.342046	5	1.372343
Methylene chloride	0.025		0.05		0.1	0.9432552	0.5	0.844063	2.5	0.8388298	5	0.8423121
Naphthalene	0.025		0.05		0.1	~~0.2025758~~	0.5	~~0.2937821~~	2.5	0.8181235	5	0.9234039
n-Butylbenzene	0.025		0.05		0.1	0.939125	0.5	1.218414	2.5	1.702728	5	1.710132
n-Heptane	0.025		0.05		0.1	1.385733	0.5	1.435071	2.5	1.412365	5	1.401333
n-Hexane	0.025		0.05		0.1	1.055519	0.5	0.9735623	2.5	1.013171	5	1.024497

FORM VI

INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Calibration: SL50019

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Instrument: TO15_AIR3

Calibration Date: 12/05/25 16:22

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
n-Propylbenzene	0.025		0.05		0.1	2.010479	0.5	2.021669	2.5	2.2626	5	2.260034
o-Xylene	0.025		0.05		0.1	1.376042	0.5	1.306004	2.5	1.344383	5	1.321505
p- & m- Xylenes	0.05		0.1		0.2	1.312126	1	1.266633	5	1.29479	10	1.288424
p-Ethyltoluene	0.025		0.05		0.1	1.47178	0.5	1.622947	2.5	1.812977	5	1.821203
p-Isopropyltoluene	0.025		0.05		0.1	1.556085	0.5	1.699608	2.5	1.926534	5	1.940498
Propylene	0.025		0.05		0.1	0.4631069	0.5	0.4062676	2.5	0.3873745	5	0.3952484
sec-Butylbenzene	0.025		0.05		0.1	2.072912	0.5	2.158335	2.5	2.3205	5	2.33456
Styrene	0.025		0.05		0.1	0.8281096	0.5	0.8559086	2.5	0.9172517	5	0.9434724
tert-Butylbenzene	0.025		0.05		0.1	1.614231	0.5	1.629063	2.5	1.716772	5	1.727079
Tetrachloroethylene	0.025		0.05		0.1	0.5289885	0.5	0.5285932	2.5	0.5439191	5	0.5484834
Tetrahydrofuran	0.025		0.05		0.1	0.9419098	0.5	0.890508	2.5	0.8777392	5	0.8782342
Toluene	0.025		0.05		0.1	1.118583	0.5	1.101567	2.5	1.104707	5	1.107408
trans-1,2-Dichloroethylene	0.025		0.05		0.1	0.8291976	0.5	0.8390709	2.5	0.8470292	5	0.8655006
trans-1,3-Dichloropropylene	0.025		0.05		0.1	0.440714	0.5	0.4703227	2.5	0.49233	5	0.510448
Trichloroethylene	0.025	0.3842439	0.05	0.4466497	0.1	0.4148339	0.5	0.4148567	2.5	0.4080437	5	0.4115028
Trichlorofluoromethane (Freon 11)	0.025		0.05		0.1	1.286773	0.5	1.208997	2.5	1.250869	5	1.270708
Vinyl acetate	0.025		0.05		0.1	1.660936	0.5	1.516936	2.5	1.401113	5	1.28075
Vinyl bromide	0.025		0.05		0.1	0.3873176	0.5	0.3560784	2.5	0.3706801	5	0.3789025
Vinyl Chloride	0.025	0.47742	0.05	0.5288912	0.1	0.5007773	0.5	0.50412	2.5	0.4918247	5	0.5123333

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	10	0.5632569	15	0.5491391	20	0.5569469	30	0.5629751				
1,1,1-Trichloroethane	10	1.196808	15	1.198245	20	1.223935	30	1.278358				
1,1,2,2-Tetrachloroethane	10	0.8980617	15	0.8665854	20	0.8900937	30	0.8944571				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	0.8856051	15	0.8873224	20	0.9106591	30	0.9440849				
1,1,2-Trichloroethane	10	0.3650338	15	0.3571097	20	0.3560182	30	0.357496				
1,1-Dichloroethane	10	1.02252	15	1.008942	20	1.027725	30	1.063081				
1,1-Dichloroethylene	10	0.9738675	15	0.9662157	20	0.9785655	30	1.005142				
1,2,4-Trichlorobenzene	10	0.4515621	15	0.5229475	20	0.5483497	30	~~0.2703317~~				
1,2,4-Trimethylbenzene	10	1.589864	15	1.553079	20	1.583381	30	1.572862				
1,2-Dibromoethane	10	0.5643167	15	0.5634906	20	0.5676525	30	0.5796524				
1,2-Dichlorobenzene	10	0.948477	15	0.9459954	20	0.9631893	30	0.9607128				
1,2-Dichloroethane	10	0.8721275	15	0.8656576	20	0.8760224	30	0.902122				
1,2-Dichloropropane	10	0.3985098	15	0.3868153	20	0.3868227	30	0.3872886				
1,2-Dichlorotetrafluoroethane	10	1.138182	15	1.156493	20	1.210563	30	1.297995				
1,3,5-Trimethylbenzene	10	1.540846	15	1.506263	20	1.524532	30	1.545206				
1,3-Butadiene	10	0.5407455	15	0.5318457	20	0.5384334	30	0.558072				
1,3-Dichlorobenzene	10	0.940233	15	0.9517952	20	0.9757458	30	0.9989642				
1,3-Dichloropropane	10	0.5596923	15	0.552263	20	0.548201	30	0.5553781				
1,4-Dichlorobenzene	10	0.9198194	15	0.9504872	20	0.9749054	30	1.006981				
1,4-Dioxane	10	0.1971672	15	0.1973473	20	0.192555	30	0.1998785				
2,2,4-Trimethylpentane	10	3.276515	15	3.222725	20	3.269259	30	3.329473				
2-Butanone	10	1.493045	15	1.472829	20	1.467169	30	1.486668				
2-Hexanone	10	1.008584	15	0.9844794	20	0.9609723	30	0.9169729				
3-Chloropropene	10	0.9344424	15	0.9108843	20	0.9106576	30	0.9177827				
4-Methyl-2-pentanone	10	1.133654	15	1.090278	20	1.055524	30	1.024466				
Acetone	10	1.04515	15	1.020265	20	1.01634	30	1.02353				
Acrolein	10	0.2883069	15	0.2896724	20	0.2937146	30	0.3052115				
Acrylonitrile	10	0.5825516	15	0.5774907	20	0.5880136	30	0.5998349				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Calibration: SL50019

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Instrument: TO15_AIR3

Calibration Date: 12/05/25 16:22

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzene	10	1.365555	15	1.352313	20	1.387543	30	1.441362				
Benzyl chloride	10	0.2561056	15	0.261916	20	0.2720421	30	0.2778626				
Bromodichloromethane	10	0.7253408	15	0.7093505	20	0.7089674	30	0.7172289				
Bromoform	10	0.7678524	15	0.7576736	20	0.7856275	30	0.807314				
Bromomethane	10	0.4045758	15	0.4092341	20	0.4238559	30	0.451642				
Carbon disulfide	10	1.278975	15	1.277714	20	1.308179	30	1.357988				
Carbon tetrachloride	10	1.24042	15	1.2368	20	1.269123	30	1.316267				
Chlorobenzene	10	0.9408354	15	0.919465	20	0.9389524	30	0.9542361				
Chloroethane	10	0.2809708	15	0.2822136	20	0.2911179	30	0.3068507				
Chloroform	10	1.071696	15	1.069267	20	1.095283	30	1.140393				
Chloromethane	10	0.6196376	15	0.6151757	20	0.6246119	30	0.6474154				
cis-1,2-Dichloroethylene	10	0.835886	15	0.8406045	20	0.8613062	30	0.8898217				
cis-1,3-Dichloropropylene	10	0.5381285	15	0.533016	20	0.5308543	30	0.5425272				
Cyclohexane	10	1.125689	15	1.112881	20	1.131897	30	1.160888				
Dibromochloromethane	10	0.7332205	15	0.7296324	20	0.7266277	30	0.7426253				
Dichlorodifluoromethane	10	1.336855	15	1.343376	20	1.390776	30	1.371399				
Ethanol	10	0.2783674	15	0.2730161	20	0.2725161	30	0.2804368				
Ethyl acetate	10	1.762569	15	1.745613	20	1.739441	30	1.742949				
Ethyl Benzene	10	1.659735	15	1.62089	20	1.641174	30	1.66234				
Hexachlorobutadiene	10	0.9780577	15	0.9556226	20	0.8362095	30	~~0.3103369~~				
Isopropanol	10	1.406209	15	1.386345	20	1.383684	30	1.408687				
Isopropylbenzene	10	1.851388	15	1.811541	20	1.845491	30	1.861818				
Methyl Methacrylate	10	0.3303208	15	0.3291479	20	0.3270905	30	0.333889				
Methyl tert-butyl ether (MTBE)	10	1.409882	15	1.401636	20	1.434117	30	1.496607				
Methylene chloride	10	0.8587479	15	0.8407313	20	0.8470087	30	0.8501462				
Naphthalene	10	1.299655	15	1.446593	20	1.437327	30	~~0.688444~~				
n-Butylbenzene	10	1.830702	15	1.80617	20	1.834134	30	1.788899				
n-Heptane	10	1.394174	15	1.361848	20	1.341724	30	1.326193				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Calibration: SL50019

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Instrument: TO15_AIR3

Calibration Date: 12/05/25 16:22

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
n-Hexane	10	1.042067	15	1.038314	20	1.052004	30	1.079127				
n-Propylbenzene	10	2.274076	15	2.204463	20	2.237239	30	2.254102				
o-Xylene	10	1.330983	15	1.303422	20	1.330502	30	1.354208				
p- & m- Xylenes	20	1.291903	30	1.26182	40	1.279481	60	1.296486				
p-Ethyltoluene	10	1.838429	15	1.779156	20	1.809634	30	1.820117				
p-Isopropyltoluene	10	1.976145	15	1.938158	20	1.960375	30	1.926095				
Propylene	10	0.4017406	15	0.3980412	20	0.4034206	30	0.4201751				
sec-Butylbenzene	10	2.336343	15	2.282152	20	2.304277	30	2.271835				
Styrene	10	0.9586816	15	0.9458725	20	0.9629825	30	0.9892919				
tert-Butylbenzene	10	1.731895	15	1.690185	20	1.725845	30	1.718566				
Tetrachloroethylene	10	0.559221	15	0.5500202	20	0.5536242	30	0.566298				
Tetrahydrofuran	10	0.8814247	15	0.8673032	20	0.8604102	30	0.8633867				
Toluene	10	1.111796	15	1.084832	20	1.090094	30	1.09491				
trans-1,2-Dichloroethylene	10	0.8927763	15	0.8866607	20	0.9018293	30	0.9352942				
trans-1,3-Dichloropropylene	10	0.5128373	15	0.5147699	20	0.5086359	30	0.5209121				
Trichloroethylene	10	0.4174036	15	0.4109667	20	0.4084284	30	0.4180425				
Trichlorofluoromethane (Freon 11)	10	1.32269	15	1.320468	20	1.361468	30	1.411492				
Vinyl acetate	10	1.417895	15	1.500882	20	1.539222	30	1.658327				
Vinyl bromide	10	0.3908742	15	0.3967475	20	0.4102763	30	0.4328759				
Vinyl Chloride	10	0.5351668	15	0.5391818	20	0.5509005	30	0.5798561				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Calibration:	SL50019	Instrument:	TO15_AIR3
		Calibration Date:	12/05/25 16:22

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5653081	2.126896	19.04663	0.0159776			30	
1,1,1-Trichloroethane	1.19175	4.023496	12.59512	0.0233556			30	
1,1,2,2-Tetrachloroethane	0.8845984	2.552809	20.86363	1.660989E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8714519	4.976758	8.345625	4.613669E-02			30	
1,1,2-Trichloroethane	0.357346	1.685277	16.89037	2.730312E-02			30	
1,1-Dichloroethane	1.017448	2.265423	10.58187	4.326943E-02			30	
1,1-Dichloroethylene	0.9642837	3.237149	8.574	3.951201E-02			30	
1,2,4-Trichlorobenzene	0.4110816	33.32452	27.0598	1.344498E-02			30	*
1,2,4-Trimethylbenzene	1.524341	5.744225	22.59963	7.884087E-03			30	
1,2-Dibromoethane	0.5425024	6.864267	18.1995	1.943408E-02			30	
1,2-Dichlorobenzene	0.8353294	20.07294	24.32	1.822379E-02			30	
1,2-Dichloroethane	0.8691031	2.632296	13.13175	3.108548E-02			30	
1,2-Dichloropropane	0.3968577	2.328126	14.52625	2.091861E-02			30	
1,2-Dichlorotetrafluoroethane	1.125896	8.454917	5.356375	1.765482E-02			30	
1,3,5-Trimethylbenzene	1.508624	2.834782	21.76362	1.901877E-02			30	
1,3-Butadiene	0.5288624	3.394644	5.936125	0.0235883			30	
1,3-Dichlorobenzene	0.8258866	22.97049	23.43025	1.848271E-02			30	
1,3-Dichloropropane	0.5417768	4.352547	17.316	1.974091E-02			30	
1,4-Dichlorobenzene	0.7862207	29.16271	23.6195	0.0136509			30	
1,4-Dioxane	0.1970401	1.277254	14.85437	7.334393E-02			30	
2,2,4-Trimethylpentane	3.284938	2.443562	12.9145	0.032317			30	
2-Butanone	1.509739	4.874108	11.19363	4.337442E-02			30	
2-Hexanone	0.9403804	7.348045	16.90038	1.880019E-02			30	
3-Chloropropene	0.9087415	1.737773	9.165625	2.497269E-02			30	
4-Methyl-2-pentanone	1.111532	4.60085	15.432	3.192194E-02			30	
Acetone	1.091783	10.83979	8.183286	3.286786E-02			30	
Acrolein	0.2944545	7.015853	8.0765	6.524995E-02			30	
Acrylonitrile	0.6195954	10.10004	9.398429	2.702686E-02			30	
Benzene	1.384757	3.065704	13.26362	3.127231E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	0.207913	37.5748	23.76663	2.428023E-02			30	*
Bromodichloromethane	0.7147675	1.461536	14.88737	3.948386E-02			30	
Bromoform	0.7518663	5.451702	20.61038	1.258885E-02			30	
Bromomethane	0.4023979	6.43052	6.729875	7.584656E-02			30	
Carbon disulfide	1.265369	4.000967	9.4495	0.0118642			30	
Carbon tetrachloride	1.208097	4.912816	13.0603	2.738877E-02			30	
Chlorobenzene	0.9393937	1.310782	18.99975	2.261195E-02			30	
Chloroethane	0.2815161	4.727539	6.8995	8.657383E-02			30	
Chloroform	1.064936	3.985133	11.85525	5.183374E-02			30	
Chloromethane	0.6251673	4.720067	5.581625	4.250905E-02			30	
cis-1,2-Dichloroethylene	0.8717435	7.364874	11.5811	2.920745E-02			30	
cis-1,3-Dichloropropylene	0.5230718	4.138579	15.78137	1.522407E-02			30	
Cyclohexane	1.122133	1.924672	12.7685	2.504219E-02			30	
Dibromochloromethane	0.7108834	4.845996	17.8255	9.760433E-03			30	
Dichlorodifluoromethane	1.285574	7.101078	5.08975	2.403145E-02			30	
Ethanol	0.4658595	77.40329	7.026875	7.652034E-02			30	*
Ethyl acetate	1.735286	1.612324	11.499	4.105815E-02			30	
Ethyl Benzene	1.652643	1.155766	19.10612	1.543241E-02			30	
Hexachlorobutadiene	0.8579495	12.89134	27.33429	4.00782E-03			30	
Isopropanol	1.381399	1.569308	7.967143	6.246568E-02			30	
Isopropylbenzene	1.841256	1.771721	20.68813	0.0143322			30	
Methyl Methacrylate	0.3316958	0.7690256	14.54087	1.287164E-02			30	
Methyl tert-butyl ether (MTBE)	1.395738	3.748891	9.726	0.113604			30	
Methylene chloride	0.8581368	4.074407	9.317625	2.431136E-02			30	
Naphthalene	1.18502	24.9004	27.4532	1.854527E-02			30	
n-Butylbenzene	1.603788	20.96219	24.06037	2.218581E-02			30	
n-Heptane	1.382305	2.653316	13.28037	3.106002E-02			30	
n-Hexane	1.034783	3.073243	10.21125	0.0324522			30	
n-Propylbenzene	2.190583	5.011264	21.45525	1.695467E-02			30	
o-Xylene	1.333381	1.831956	20.03363	1.094558E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Instrument: TO15_AIR3
Calibration Date: 12/05/25 16:22

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.286458	1.284386	19.2515	5.790823E-03			30	
p-Ethyltoluene	1.74703	7.483748	21.67775	3.836186E-03			30	
p-Isopropyltoluene	1.865437	8.175249	23.26063	1.648947E-02			30	
Propylene	0.4094219	5.779334	5.019375	1.468273E-02			30	
sec-Butylbenzene	2.260114	4.196754	22.99538	0.017918			30	
Styrene	0.9251963	6.019113	20.0535	1.856762E-02			30	
tert-Butylbenzene	1.694204	2.755932	22.526	6.472485E-03			30	
Tetrachloroethylene	0.5473934	2.439722	17.6305	1.505921E-02			30	
Tetrahydrofuran	0.8826145	2.941977	12.185	7.242844E-02			30	
Toluene	1.101737	1.025759	16.43588	2.524429E-02			30	
trans-1,2-Dichloroethylene	0.8746699	4.114861	9.92	3.807101E-02			30	
trans-1,3-Dichloropropylene	0.4963712	5.571163	16.59512	1.983346E-02			30	
Trichloroethylene	0.4134972	3.658995	14.2956	3.330919E-02			30	
Trichlorofluoromethane (Freon 11)	1.304183	4.912339	7.47725	0.0159262			30	
Vinyl acetate	1.497008	8.647675	10.53187	2.694243E-02			30	
Vinyl bromide	0.3904691	6.082313	7.35425	4.301549E-02			30	
Vinyl Chloride	0.5220472	5.872945	5.8561	6.559938E-02			30	

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034038.D
Acq On : 05 Dec 2025 05:08 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

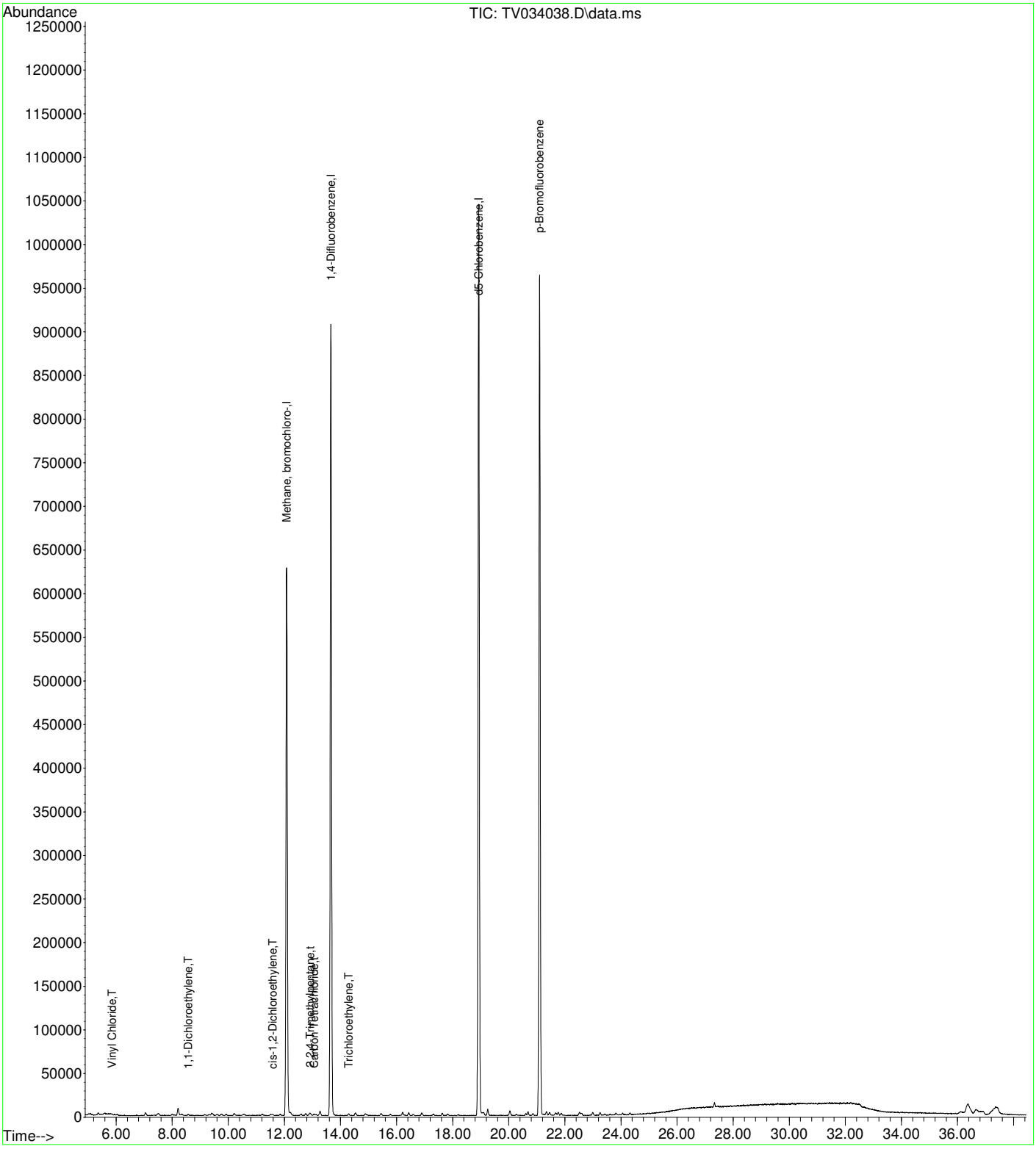
Quant Time: Dec 08 17:01:51 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.080	49	692891	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.658	114	1119081	10.00	ppbv	-0.03
55) d5-Chlorobenzene	18.928	117	948898	10.00	ppbv	#-0.03
Target Compounds						Qvalue
6) Vinyl Chloride	5.852	62	827	0.02	ppbv	# 42
17) 1,1-Dichloroethylene	8.575	61	1640	0.02	ppbv	# 54
29) cis-1,2-Dichloroethylene	11.588	61	1553	0.03	ppbv	# 68
34) 2,2,4-Trimethylpentane	12.919	57	5969	0.03	ppbv	# 91
35) Carbon Tetrachloride	13.060	117	2029	0.02	ppbv	100
40) Trichloroethylene	14.289	95	1075	0.02	ppbv	89
66) p-Bromofluorobenzene	21.095	95	597215	8.57	ppbv	94

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034038.D
Acq On : 05 Dec 2025 05:08 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:01:51 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034039.D
Acq On : 05 Dec 2025 05:54 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

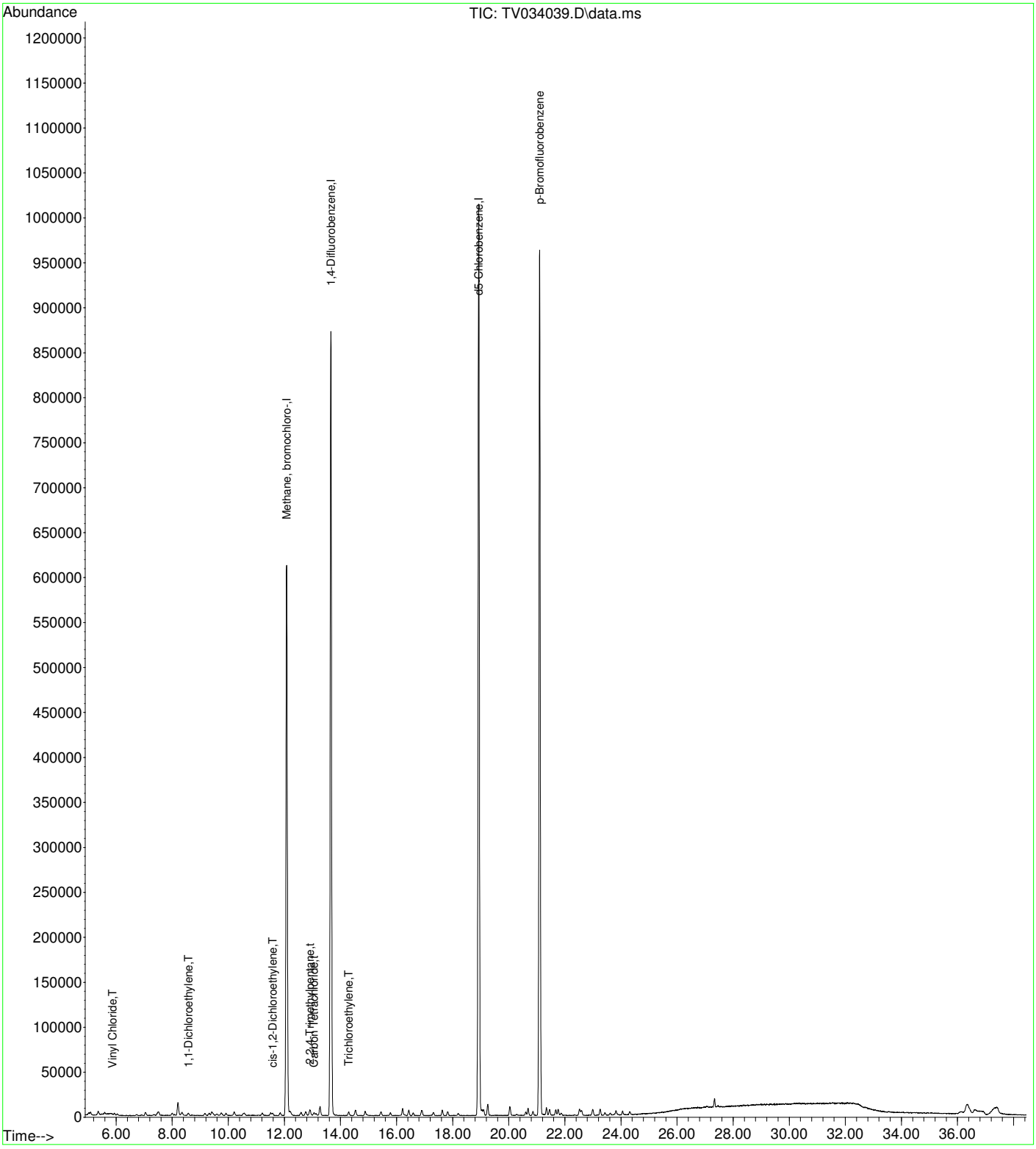
Quant Time: Dec 08 17:01:55 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.080	49	674997	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.658	114	1071981	10.00	ppbv	-0.03
55) d5-Chlorobenzene	18.925	117	917175	10.00	ppbv	#-0.04
Target Compounds						Qvalue
6) Vinyl Chloride	5.864	62	1785	0.05	ppbv	98
17) 1,1-Dichloroethylene	8.578	61	3416	0.05	ppbv #	81
29) cis-1,2-Dichloroethylene	11.581	61	2927	0.05	ppbv	83
34) 2,2,4-Trimethylpentane	12.909	57	11397	0.05	ppbv #	94
35) Carbon Tetrachloride	13.054	117	3759	0.05	ppbv #	92
40) Trichloroethylene	14.292	95	2394	0.05	ppbv	95
66) p-Bromofluorobenzene	21.098	95	593325	8.81	ppbv	94

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034039.D
Acq On : 05 Dec 2025 05:54 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:01:55 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034040.D
Acq On : 05 Dec 2025 06:40 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:01:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.076	49	668960	10.00	ppbv		#-0.03
39) 1,4-Difluorobenzene	13.658	114	1062594	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.928	117	909783	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	3098	0.11	ppbv		96
3) Dichlorodifluoromethane	5.093	85	8179	0.10	ppbv	#	94
4) 1,2-Dichlorotetrafluor...	5.356	85	6975	0.09	ppbv		98
5) Chloromethane	5.578	50	4596	0.11	ppbv		96
6) Vinyl Chloride	5.858	62	3350	0.10	ppbv		90
7) 1,3-Butadiene	5.938	54	3557	0.10	ppbv		96
8) Bromomethane	6.742	94	2584	0.10	ppbv	#	86
9) Chloroethane	6.913	64	1903	0.10	ppbv	#	92
10) ethanol	7.032	45	8771	0.38	ppbv		92
11) Vinyl Bromide	7.360	106	2591	0.10	ppbv		98
12) Trichlorofluoromethane	7.478	101	8608	0.10	ppbv		96
13) Isopropanol	7.990	45	10336	0.11	ppbv	#	99
14) Acrolein	8.086	56	2278	0.12	ppbv	#	100
15) Acetone	8.205	43	12523	0.17	ppbv		99
16) Freon-113	8.353	101	5491	0.09	ppbv		91
17) 1,1-Dichloroethylene	8.578	61	6449	0.10	ppbv		85
18) 3-Chloropropene	9.170	41	5907	0.10	ppbv		89
19) Methylene Chloride	9.321	49	6310	0.11	ppbv	#	69
20) Acrylonitrile	9.408	53	7060	0.17	ppbv	#	100
21) Carbon disulfide	9.453	76	8138	0.10	ppbv	#	77
22) Methyl-tert-Butyl Ethe...	9.752	73	9165	0.10	ppbv	#	72
23) trans-1,2-Dichloroethy...	9.912	61	5547	0.09	ppbv		86
24) Hexane	10.211	57	7061	0.10	ppbv		91
25) Vinyl Acetate	10.533	43	11111	0.11	ppbv	#	98
26) 1,1-Dichloroethane	10.572	63	6866	0.10	ppbv	#	97
27) 2-Butanone	11.205	43	11299	0.11	ppbv	#	83
28) Ethyl Acetate	11.510	43	11323	0.10	ppbv	#	55
29) cis-1,2-Dichloroethylene	11.575	61	6952	0.12	ppbv	#	70
30) Chloroform	11.842	83	7146	0.10	ppbv	#	95
31) Tetrahydrofuran	12.205	42	6301	0.11	ppbv	#	82
32) 1,1,1-Trichlorethane	12.591	97	8065	0.10	ppbv		93
33) Cyclohexane	12.774	56	7628	0.10	ppbv	#	74
34) 2,2,4-Trimethylpentane	12.912	57	21941	0.10	ppbv	#	97
35) Carbon Tetrachloride	13.057	117	7847	0.10	ppbv	#	58
36) 1,2-Dichloroethane	13.128	62	6006	0.10	ppbv	#	98
37) Benzene	13.256	78	9751	0.11	ppbv	#	100
38) n-Heptane	13.279	43	9270	0.10	ppbv	#	77
40) Trichloroethylene	14.289	95	4408	0.10	ppbv		97
41) 1,2-Dichloropropane	14.523	63	4377	0.10	ppbv	#	90
42) Methyl Methacrylate	14.543	69	3547	0.10	ppbv	#	69
43) 1,4-Dioxane	14.880	88	2102	0.10	ppbv	#	100
44) Bromodichloromethane	14.877	83	7630	0.10	ppbv	#	93
45) Methyl Isobutyl Ketone	15.443	43	12411	0.11	ppbv		92
46) cis-1,3-Dichloropropene	15.780	75	5100	0.09	ppbv	#	93
47) Toluene	16.430	91	11886	0.10	ppbv		96
48) trans-1,3-Dichloropropene	16.597	75	4683	0.09	ppbv	#	92
49) 1,1,2-Trichlorethane	16.896	97	3783	0.10	ppbv	#	87
50) 2-Hexanone	16.906	43	8894	0.09	ppbv	#	96
51) 1,3-Dichloropropane	17.317	76	5177	0.09	ppbv	#	98
52) Tetrachloroethylene	17.629	166	5621	0.10	ppbv		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034040.D
Acq On : 05 Dec 2025 06:40 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

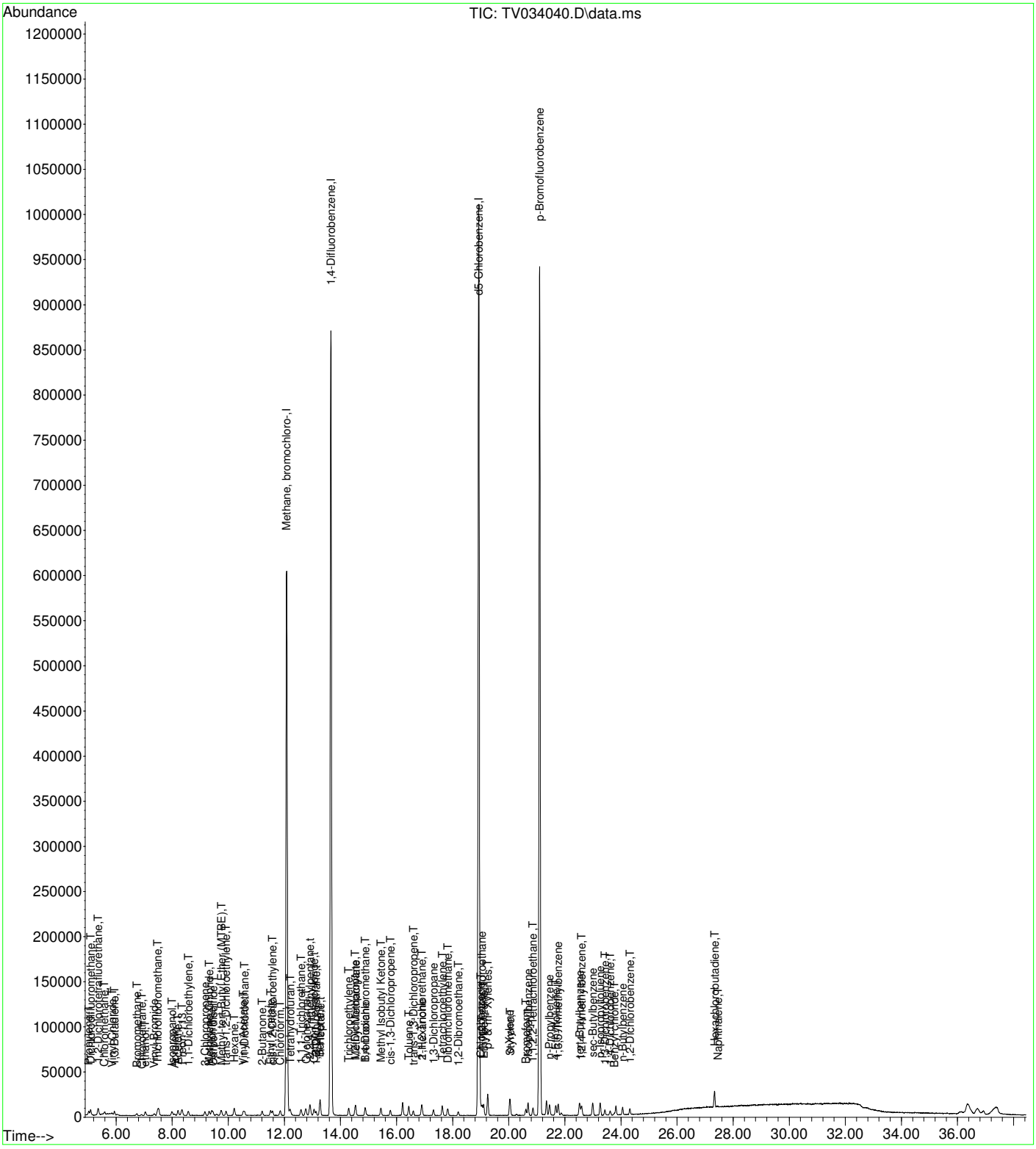
Quant Time: Dec 08 17:01:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	6798	0.09	ppbv		97
54) 1,2-Dibromoethane	18.202	107	4963	0.09	ppbv		98
56) Chlorobenzene	19.002	112	8712	0.10	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.038	131	5353	0.10	ppbv		96
58) Ethylbenzene	19.105	91	15153	0.10	ppbv		96
59) p- & m- Xylenes	19.250	91	23875	0.20	ppbv		99
60) o-Xylene	20.031	91	12519	0.10	ppbv		100
61) Styrene	20.054	104	7534	0.09	ppbv	#	74
62) Bromoform	20.610	173	6184	0.09	ppbv		97
63) n-Propylbenzene	21.449	91	18291	0.09	ppbv		100
64) Isopropylbenzene	20.690	105	16295	0.10	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.861	83	7844	0.10	ppbv		95
66) p-Bromofluorobenzene	21.099	95	576743	8.63	ppbv		94
67) 4-Ethyltoluene	21.677	105	13390	0.08	ppbv		95
68) 1,3,5-Trimethylbenzene	21.758	105	13321	0.10	ppbv		91
69) tert-Butylbenzene	22.526	119	14686	0.10	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.594	105	12310	0.09	ppbv	#	99
71) sec-Butylbenzene	22.992	105	18859	0.09	ppbv	#	100
72) p-Isopropyltoluene	23.256	119	14157	0.08	ppbv	#	100
73) 1,3-Dichlorobenzene	23.426	146	4472	0.06	ppbv		93
74) 1,4-Dichlorobenzene	23.616	146	3478	0.05	ppbv		96
75) Benzyl chloride	23.758	126	575	0.03	ppbv	#	1
76) n-Butylbenzene	24.060	91	8544	0.06	ppbv	#	84
77) 1,2-Dichlorobenzene	24.320	146	4749	0.06	ppbv		98
79) Hexachlorobutadiene	27.339	225	6185	0.08	ppbv		97
80) Naphthalene	27.455	128	1843	0.02	ppbv	#	69

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034040.D
Acq On : 05 Dec 2025 06:40 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:01:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034041.D
Acq On : 05 Dec 2025 07:26 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.076	49	673054	10.00	ppbv		#-0.03
39) 1,4-Difluorobenzene	13.658	114	1062632	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.928	117	922248	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.022	42	13672	0.50	ppbv	#	92
3) Dichlorodifluoromethane	5.089	85	40980	0.47	ppbv	#	95
4) 1,2-Dichlorotetrafluor...	5.356	85	34055	0.45	ppbv		98
5) Chloromethane	5.585	50	20505	0.49	ppbv		100
6) Vinyl Chloride	5.861	62	16965	0.48	ppbv		97
7) 1,3-Butadiene	5.935	54	17130	0.48	ppbv		97
8) Bromomethane	6.729	94	12559	0.46	ppbv		96
9) Chloroethane	6.896	64	9138	0.48	ppbv	#	89
10) ethanol	7.035	45	19920	0.86	ppbv		88
11) Vinyl Bromide	7.350	106	11983	0.46	ppbv		98
12) Trichlorofluoromethane	7.475	101	40686	0.46	ppbv		98
13) Isopropanol	7.977	45	45933	0.49	ppbv		100
14) Acrolein	8.083	56	9420	0.48	ppbv	#	100
15) Acetone	8.189	43	44244	0.60	ppbv		97
16) Freon-113	8.340	101	27832	0.47	ppbv		95
17) 1,1-Dichloroethylene	8.568	61	30576	0.47	ppbv		86
18) 3-Chloropropene	9.163	41	29988	0.49	ppbv		90
19) Methylene Chloride	9.318	49	28405	0.49	ppbv	#	72
20) Acrylonitrile	9.395	53	24576	0.59	ppbv	#	100
21) Carbon disulfide	9.449	76	40669	0.48	ppbv	#	78
22) Methyl-tert-Butyl Ethe...	9.729	73	45069	0.48	ppbv	#	80
23) trans-1,2-Dichloroethy...	9.919	61	28237	0.48	ppbv		88
24) Hexane	10.205	57	32763	0.47	ppbv		92
25) Vinyl Acetate	10.530	43	51049	0.51	ppbv	#	99
26) 1,1-Dichloroethane	10.581	63	33482	0.49	ppbv	#	98
27) 2-Butanone	11.192	43	49845	0.49	ppbv	#	84
28) Ethyl Acetate	11.498	43	56899	0.49	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.578	61	27527	0.47	ppbv		84
30) Chloroform	11.851	83	33714	0.47	ppbv	#	94
31) Tetrahydrofuran	12.192	42	29968	0.50	ppbv	#	81
32) 1,1,1-Trichlorethane	12.591	97	38346	0.48	ppbv		94
33) Cyclohexane	12.768	56	37090	0.49	ppbv	#	79
34) 2,2,4-Trimethylpentane	12.909	57	106672	0.48	ppbv		100
35) Carbon Tetrachloride	13.060	117	38897	0.48	ppbv	#	92
36) 1,2-Dichloroethane	13.125	62	28395	0.49	ppbv	#	98
37) Benzene	13.260	78	46246	0.50	ppbv	#	100
38) n-Heptane	13.272	43	48294	0.52	ppbv	#	98
40) Trichloroethylene	14.292	95	22042	0.50	ppbv		98
41) 1,2-Dichloropropane	14.523	63	21131	0.50	ppbv	#	95
42) Methyl Methacrylate	14.539	69	17712	0.50	ppbv	#	69
43) 1,4-Dioxane	14.858	88	10609	0.51	ppbv	#	100
44) Bromodichloromethane	14.880	83	36872	0.49	ppbv	#	92
45) Methyl Isobutyl Ketone	15.433	43	59203	0.50	ppbv		95
46) cis-1,3-Dichloropropene	15.780	75	26573	0.48	ppbv	#	91
47) Toluene	16.430	91	58528	0.50	ppbv		97
48) trans-1,3-Dichloropropene	16.591	75	24989	0.47	ppbv	#	92
49) 1,1,2-Trichlorethane	16.886	97	18318	0.48	ppbv	#	90
50) 2-Hexanone	16.906	43	44543	0.45	ppbv	#	96
51) 1,3-Dichloropropane	17.311	76	28267	0.49	ppbv	#	100
52) Tetrachloroethylene	17.629	166	28085	0.48	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034041.D
Acq On : 05 Dec 2025 07:26 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

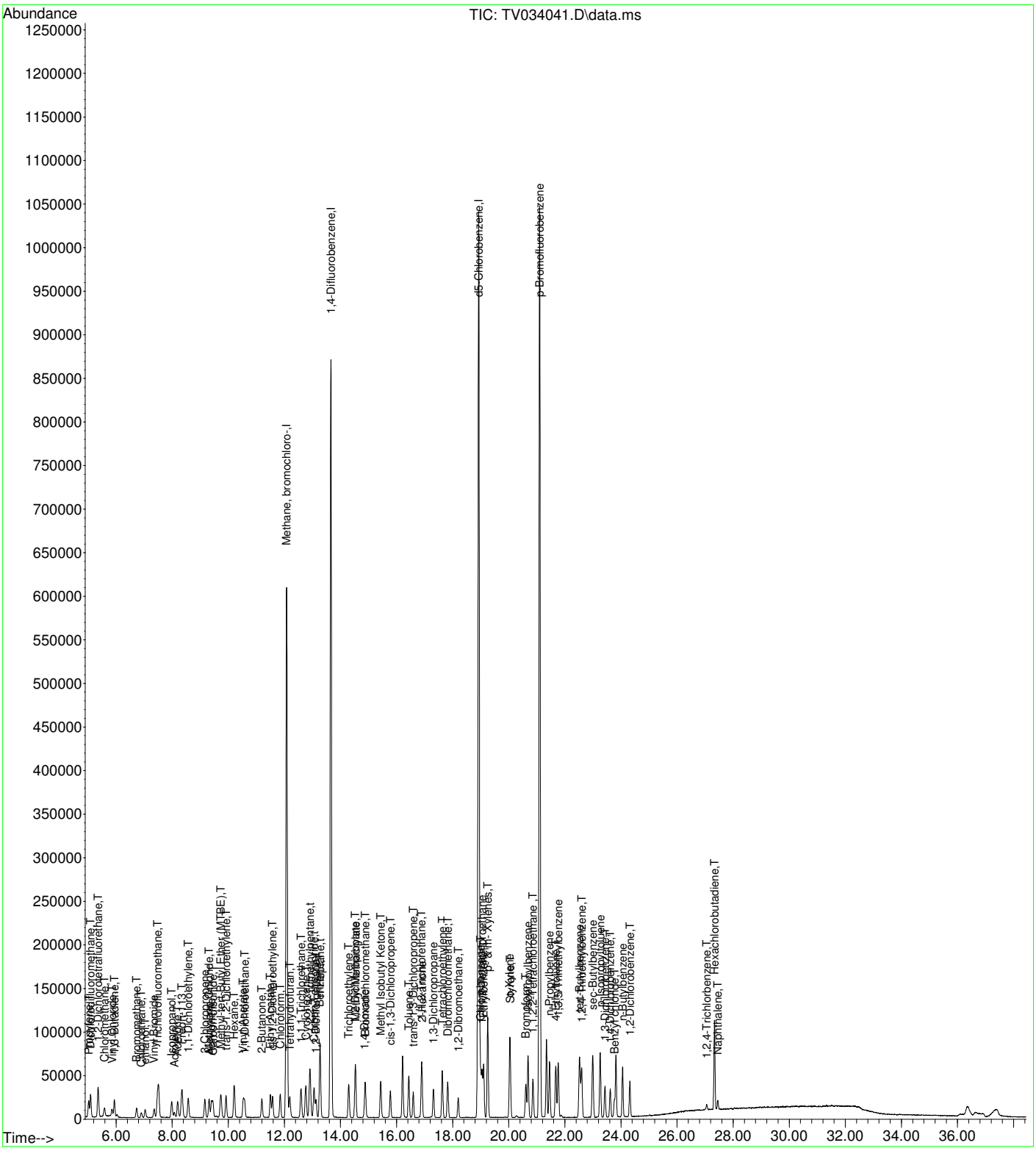
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.822	129	36092	0.48	ppbv		99
54) 1,2-Dibromoethane	18.198	107	27162	0.47	ppbv		99
56) Chlorobenzene	18.996	112	43133	0.50	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.044	131	26569	0.51	ppbv		97
58) Ethylbenzene	19.102	91	75291	0.49	ppbv		98
59) p- & m- Xylenes	19.250	91	116815	0.98	ppbv		99
60) o-Xylene	20.031	91	60223	0.49	ppbv		99
61) Styrene	20.054	104	39468	0.46	ppbv	#	74
62) Bromoform	20.607	173	32660	0.47	ppbv		97
63) n-Propylbenzene	21.452	91	93224	0.46	ppbv		100
64) Isopropylbenzene	20.684	105	83632	0.49	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.861	83	39155	0.48	ppbv		96
66) p-Bromofluorobenzene	21.098	95	642036	9.48	ppbv		95
67) 4-Ethyltoluene	21.677	105	74838	0.46	ppbv		96
68) 1,3,5-Trimethylbenzene	21.761	105	65677	0.47	ppbv		93
69) tert-Butylbenzene	22.520	119	75120	0.48	ppbv	#	100
70) 1,2,4-Trimethylbenzene	22.600	105	65546	0.47	ppbv	#	88
71) sec-Butylbenzene	22.996	105	99526	0.48	ppbv	#	93
72) p-Isopropyltoluene	23.259	119	78373	0.46	ppbv	#	100
73) 1,3-Dichlorobenzene	23.430	146	27030	0.35	ppbv		98
74) 1,4-Dichlorobenzene	23.619	146	23790	0.33	ppbv		99
75) Benzyl chloride	23.764	126	5614	0.29	ppbv	#	1
76) n-Butylbenzene	24.060	91	56184	0.38	ppbv	#	83
77) 1,2-Dichlorobenzene	24.317	146	29324	0.38	ppbv		99
78) 1,2,4-Trichlorbenzene	27.053	180	3505	0.09	ppbv		89
79) Hexachlorobutadiene	27.333	225	34580	0.44	ppbv		96
80) Naphthalene	27.452	128	13547	0.12	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034041.D
Acq On : 05 Dec 2025 07:26 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034042.D
Acq On : 05 Dec 2025 08:12 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:07 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.079	49	662976	10.00	ppbv		#-0.03
39) 1,4-Difluorobenzene	13.658	114	1034095	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.928	117	902871	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	64205	2.37	ppbv		98
3) Dichlorodifluoromethane	5.089	85	186733	2.19	ppbv	#	96
4) 1,2-Dichlorotetrafluor...	5.356	85	175780	2.35	ppbv		96
5) Chloromethane	5.585	50	98666	2.38	ppbv	#	86
6) Vinyl Chloride	5.855	62	81517	2.36	ppbv		98
7) 1,3-Butadiene	5.938	54	83522	2.38	ppbv		97
8) Bromomethane	6.729	94	63050	2.36	ppbv		98
9) Chloroethane	6.896	64	44134	2.36	ppbv	#	91
10) ethanol	7.022	45	73067	3.19	ppbv		88
11) Vinyl Bromide	7.353	106	61438	2.37	ppbv		100
12) Trichlorofluoromethane	7.478	101	207324	2.40	ppbv		98
13) Isopropanol	7.964	45	223592	2.44	ppbv		100
14) Acrolein	8.070	56	45947	2.35	ppbv	#	100
15) Acetone	8.182	43	198976	2.75	ppbv		96
16) Freon-113	8.343	101	138632	2.40	ppbv		95
17) 1,1-Dichloroethylene	8.572	61	154547	2.42	ppbv		84
18) 3-Chloropropene	9.163	41	150599	2.50	ppbv		90
19) Methylene Chloride	9.314	49	139031	2.44	ppbv	#	72
20) Acrylonitrile	9.398	53	113796	2.77	ppbv	#	100
21) Carbon disulfide	9.449	76	204555	2.44	ppbv	#	81
22) Methyl-tert-Butyl Ethe...	9.723	73	222436	2.40	ppbv	#	80
23) trans-1,2-Dichloroethy...	9.919	61	140390	2.42	ppbv		86
24) Hexane	10.211	57	167927	2.45	ppbv		95
25) Vinyl Acetate	10.530	43	232226	2.34	ppbv	#	99
26) 1,1-Dichloroethane	10.581	63	164300	2.44	ppbv	#	97
27) 2-Butanone	11.192	43	250130	2.50	ppbv	#	84
28) Ethyl Acetate	11.494	43	291473	2.53	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.578	61	137526	2.38	ppbv		82
30) Chloroform	11.854	83	169728	2.40	ppbv	#	94
31) Tetrahydrofuran	12.182	42	145480	2.49	ppbv	#	82
32) 1,1,1-Trichlorethane	12.594	97	187748	2.38	ppbv		95
33) Cyclohexane	12.768	56	182473	2.45	ppbv	#	79
34) 2,2,4-Trimethylpentane	12.912	57	536091	2.46	ppbv		98
35) Carbon Tetrachloride	13.060	117	197916	2.47	ppbv	#	58
36) 1,2-Dichloroethane	13.131	62	139218	2.42	ppbv		100
37) Benzene	13.263	78	224905	2.45	ppbv	#	100
38) n-Heptane	13.279	43	234091	2.55	ppbv	#	77
40) Trichloroethylene	14.295	95	105489	2.47	ppbv		97
41) 1,2-Dichloropropane	14.523	63	103957	2.53	ppbv	#	95
42) Methyl Methacrylate	14.539	69	85935	2.51	ppbv	#	78
43) 1,4-Dioxane	14.851	88	50204	2.46	ppbv	#	100
44) Bromodichloromethane	14.886	83	186061	2.52	ppbv	#	93
45) Methyl Isobutyl Ketone	15.430	43	297556	2.59	ppbv		95
46) cis-1,3-Dichloropropene	15.780	75	135924	2.51	ppbv	#	92
47) Toluene	16.436	91	285593	2.51	ppbv		99
48) trans-1,3-Dichloropropene	16.594	75	127279	2.48	ppbv	#	92
49) 1,1,2-Trichlorethane	16.886	97	93016	2.52	ppbv	#	90
50) 2-Hexanone	16.896	43	253198	2.60	ppbv		98
51) 1,3-Dichloropropane	17.314	76	141030	2.52	ppbv	#	100
52) Tetrachloroethylene	17.629	166	140616	2.48	ppbv		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034042.D
Acq On : 05 Dec 2025 08:12 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

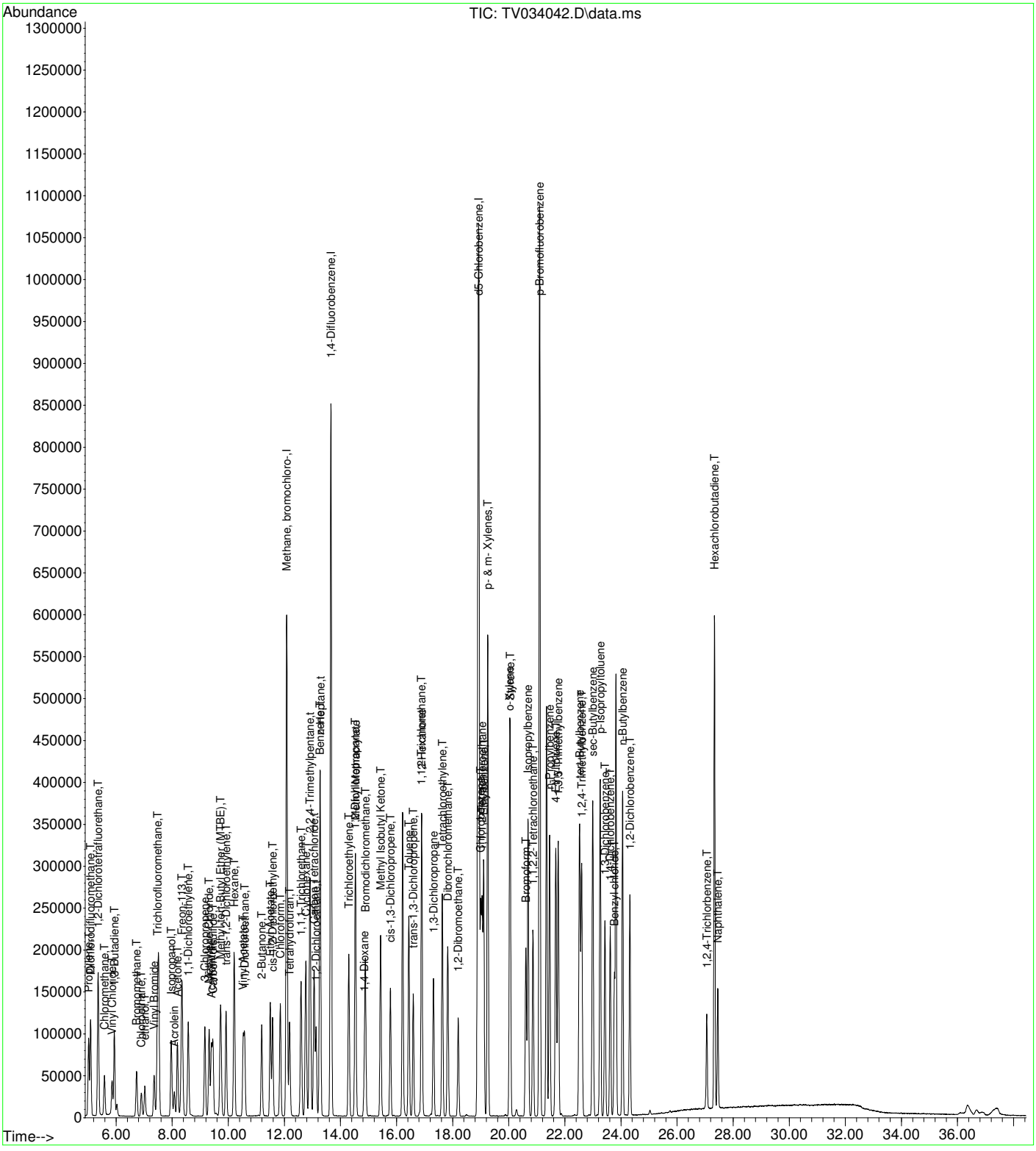
Quant Time: Dec 08 17:02:07 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	184392	2.51	ppbv		99
54) 1,2-Dibromoethane	18.195	107	138564	2.47	ppbv		99
56) Chlorobenzene	18.999	112	211948	2.50	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.047	131	127476	2.50	ppbv		99
58) Ethylbenzene	19.105	91	378758	2.54	ppbv		97
59) p- & m- Xylenes	19.250	91	584514	5.03	ppbv		99
60) o-Xylene	20.031	91	303451	2.52	ppbv		99
61) Styrene	20.050	104	207040	2.48	ppbv	#	74
62) Bromoform	20.610	173	172138	2.54	ppbv		98
63) n-Propylbenzene	21.455	91	510709	2.58	ppbv		100
64) Isopropylbenzene	20.687	105	425481	2.56	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.864	83	203679	2.55	ppbv	#	97
66) p-Bromofluorobenzene	21.098	95	667614	10.07	ppbv		94
67) 4-Ethyltoluene	21.677	105	409221	2.59	ppbv		98
68) 1,3,5-Trimethylbenzene	21.761	105	345532	2.54	ppbv		94
69) tert-Butylbenzene	22.526	119	387506	2.53	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.597	105	350151	2.54	ppbv	#	89
71) sec-Butylbenzene	22.992	105	523778	2.57	ppbv	#	100
72) p-Isopropyltoluene	23.259	119	434853	2.58	ppbv	#	100
73) 1,3-Dichlorobenzene	23.429	146	181923	2.44	ppbv		99
74) 1,4-Dichlorobenzene	23.619	146	166500	2.35	ppbv		99
75) Benzyl chloride	23.767	126	44746	2.38	ppbv	#	1
76) n-Butylbenzene	24.060	91	384336	2.65	ppbv	#	83
77) 1,2-Dichlorobenzene	24.320	146	187265	2.48	ppbv		99
78) 1,2,4-Trichlorbenzene	27.060	180	58265	1.57	ppbv		96
79) Hexachlorobutadiene	27.333	225	197649	2.55	ppbv		97
80) Naphthalene	27.452	128	184665	1.73	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034042.D
Acq On : 05 Dec 2025 08:12 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:07 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034043.D
Acq On : 05 Dec 2025 08:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:11 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.083	49	649460	10.00	ppbv		#-0.03
39) 1,4-Difluorobenzene	13.661	114	1019575	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.928	117	907096	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	128349	4.83	ppbv		97
3) Dichlorodifluoromethane	5.089	85	414086	4.96	ppbv	#	96
4) 1,2-Dichlorotetrafluor...	5.359	85	353555	4.84	ppbv		96
5) Chloromethane	5.581	50	195766	4.82	ppbv		100
6) Vinyl Chloride	5.855	62	166370	4.91	ppbv		96
7) 1,3-Butadiene	5.935	54	167930	4.89	ppbv		98
8) Bromomethane	6.729	94	126646	4.85	ppbv		99
9) Chloroethane	6.896	64	87251	4.77	ppbv	#	90
10) ethanol	7.022	45	90479	4.04	ppbv		88
11) Vinyl Bromide	7.353	106	123041	4.85	ppbv		100
12) Trichlorofluoromethane	7.478	101	412637	4.87	ppbv		99
13) Isopropanol	7.964	45	445183	4.96	ppbv		100
14) Acrolein	8.073	56	91271	4.77	ppbv	#	100
15) Acetone	8.182	43	331864	4.68	ppbv		96
16) Freon-113	8.343	101	279157	4.93	ppbv		96
17) 1,1-Dichloroethylene	8.572	61	310144	4.95	ppbv		84
18) 3-Chloropropene	9.163	41	296617	5.03	ppbv		89
19) Methylene Chloride	9.314	49	273524	4.91	ppbv	#	72
20) Acrylonitrile	9.398	53	185881	4.62	ppbv	#	100
21) Carbon disulfide	9.449	76	402966	4.90	ppbv	#	83
22) Methyl-tert-Butyl Ethe...	9.723	73	445641	4.92	ppbv	#	81
23) trans-1,2-Dichloroethy...	9.919	61	281054	4.95	ppbv		86
24) Hexane	10.208	57	332685	4.95	ppbv		95
25) Vinyl Acetate	10.530	43	415898	4.28	ppbv	#	99
26) 1,1-Dichloroethane	10.581	63	326266	4.94	ppbv	#	97
27) 2-Butanone	11.189	43	480232	4.90	ppbv	#	84
28) Ethyl Acetate	11.497	43	568194	5.04	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.578	61	272472	4.81	ppbv		83
30) Chloroform	11.858	83	340566	4.92	ppbv	#	94
31) Tetrahydrofuran	12.182	42	285189	4.98	ppbv	#	83
32) 1,1,1-Trichlorethane	12.594	97	376306	4.86	ppbv		95
33) Cyclohexane	12.764	56	357969	4.91	ppbv	#	79
34) 2,2,4-Trimethylpentane	12.915	57	1053599	4.94	ppbv		98
35) Carbon Tetrachloride	13.060	117	393019	5.01	ppbv		100
36) 1,2-Dichloroethane	13.131	62	277761	4.92	ppbv	#	86
37) Benzene	13.263	78	435948	4.85	ppbv	#	100
38) n-Heptane	13.282	43	455055	5.07	ppbv	#	95
40) Trichloroethylene	14.298	95	209779	4.98	ppbv		97
41) 1,2-Dichloropropane	14.526	63	205791	5.09	ppbv	#	95
42) Methyl Methacrylate	14.539	69	170037	5.03	ppbv	#	78
43) 1,4-Dioxane	14.848	88	100778	5.02	ppbv	#	100
44) Bromodichloromethane	14.890	83	369860	5.08	ppbv	#	94
45) Methyl Isobutyl Ketone	15.427	43	588851	5.20	ppbv		96
46) cis-1,3-Dichloropropene	15.780	75	272321	5.11	ppbv	#	93
47) Toluene	16.436	91	564543	5.03	ppbv		99
48) trans-1,3-Dichloropropene	16.594	75	260220	5.14	ppbv	#	93
49) 1,1,2-Trichlorethane	16.886	97	184814	5.07	ppbv	#	90
50) 2-Hexanone	16.899	43	508398	5.30	ppbv	#	75
51) 1,3-Dichloropropane	17.314	76	282390	5.11	ppbv	#	100
52) Tetrachloroethylene	17.629	166	279610	5.01	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034043.D
Acq On : 05 Dec 2025 08:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

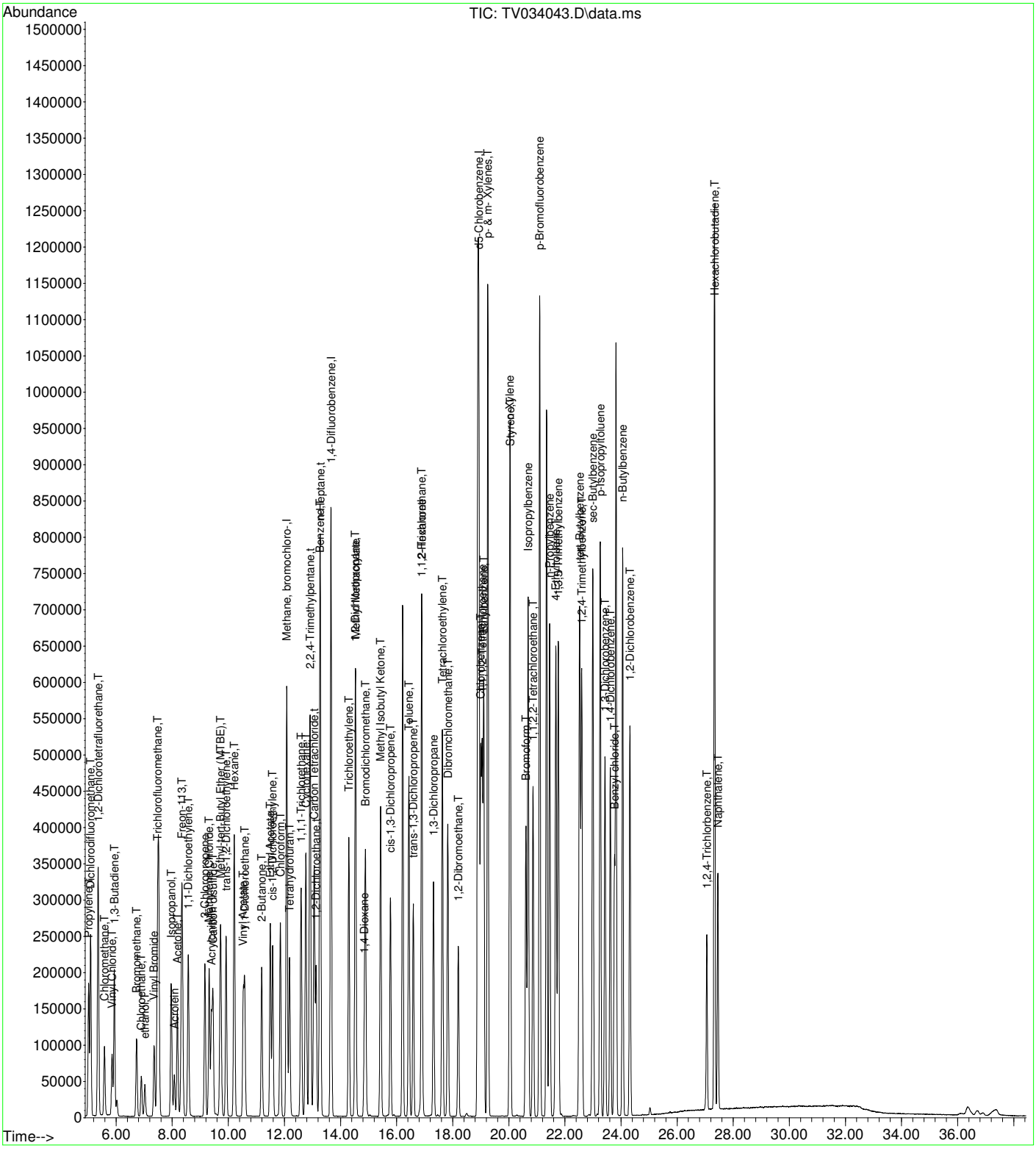
Quant Time: Dec 08 17:02:11 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	368404	5.08	ppbv		99
54) 1,2-Dibromoethane	18.198	107	280709	5.07	ppbv		99
56) Chlorobenzene	18.999	112	421657	4.95	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.047	131	254362	4.96	ppbv		99
58) Ethylbenzene	19.105	91	753187	5.02	ppbv		97
59) p- & m- Xylenes	19.250	91	1168724	10.02	ppbv		99
60) o-Xylene	20.034	91	599366	4.96	ppbv		99
61) Styrene	20.053	104	427910	5.10	ppbv	#	74
62) Bromoform	20.610	173	338277	4.96	ppbv		98
63) n-Propylbenzene	21.455	91	1025034	5.16	ppbv		100
64) Isopropylbenzene	20.687	105	848160	5.08	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.864	83	414508	5.17	ppbv		98
66) p-Bromofluorobenzene	21.098	95	698580	10.48	ppbv		94
67) 4-Ethyltoluene	21.677	105	826003	5.21	ppbv		98
68) 1,3,5-Trimethylbenzene	21.764	105	695225	5.08	ppbv		94
69) tert-Butylbenzene	22.526	119	783313	5.10	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.600	105	711959	5.15	ppbv	#	88
71) sec-Butylbenzene	22.995	105	1058835	5.16	ppbv	#	100
72) p-Isopropyltoluene	23.259	119	880109	5.20	ppbv	#	99
73) 1,3-Dichlorobenzene	23.429	146	388535	5.19	ppbv		99
74) 1,4-Dichlorobenzene	23.619	146	363620	5.10	ppbv		99
75) Benzyl chloride	23.767	126	96239	5.10	ppbv	#	1
76) n-Butylbenzene	24.060	91	775627	5.33	ppbv	#	84
77) 1,2-Dichlorobenzene	24.320	146	397626	5.25	ppbv		98
78) 1,2,4-Trichlorbenzene	27.060	180	124461	3.34	ppbv		96
79) Hexachlorobutadiene	27.333	225	421968	5.42	ppbv		98
80) Naphthalene	27.452	128	418808	3.90	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034043.D
Acq On : 05 Dec 2025 08:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:11 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034044.D
Acq On : 05 Dec 2025 09:44 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.086	49	642992	10.00	ppbv		#-0.03
39) 1,4-Difluorobenzene	13.661	114	1035578	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.931	117	926247	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	258316	9.81	ppbv		98
3) Dichlorodifluoromethane	5.089	85	859587	10.40	ppbv	#	97
4) 1,2-Dichlorotetrafluor...	5.356	85	731842	10.11	ppbv		96
5) Chloromethane	5.581	50	398422	9.91	ppbv		99
6) Vinyl Chloride	5.855	62	344108	10.25	ppbv		96
7) 1,3-Butadiene	5.935	54	347695	10.22	ppbv		97
8) Bromomethane	6.729	94	260139	10.05	ppbv		99
9) Chloroethane	6.896	64	180662	9.98	ppbv		91
10) ethanol	7.022	45	178988	8.07	ppbv		88
11) Vinyl Bromide	7.356	106	251329	10.01	ppbv		99
12) Trichlorofluoromethane	7.478	101	850479	10.14	ppbv		99
13) Isopropanol	7.964	45	904181	10.18	ppbv		100
14) Acrolein	8.073	56	185379	9.79	ppbv	#	100
15) Acetone	8.182	43	672023	9.57	ppbv		95
16) Freon-113	8.346	101	569437	10.16	ppbv		96
17) 1,1-Dichloroethylene	8.572	61	626189	10.10	ppbv		85
18) 3-Chloropropene	9.166	41	600839	10.28	ppbv		89
19) Methylene Chloride	9.318	49	552168	10.01	ppbv	#	72
20) Acrylonitrile	9.398	53	374576	9.40	ppbv	#	100
21) Carbon disulfide	9.449	76	822371	10.11	ppbv	#	84
22) Methyl-tert-Butyl Ethe...	9.719	73	906543	10.10	ppbv	#	81
23) trans-1,2-Dichloroethy...	9.922	61	574048	10.21	ppbv		86
24) Hexane	10.211	57	670041	10.07	ppbv		96
25) Vinyl Acetate	10.530	43	911695	9.47	ppbv	#	99
26) 1,1-Dichloroethane	10.584	63	657472	10.05	ppbv	#	97
27) 2-Butanone	11.192	43	960016	9.89	ppbv	#	84
28) Ethyl Acetate	11.497	43	1133318	10.16	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.581	61	537468	9.59	ppbv		84
30) Chloroform	11.858	83	689092	10.06	ppbv	#	95
31) Tetrahydrofuran	12.179	42	566749	9.99	ppbv	#	83
32) 1,1,1-Trichlorethane	12.597	97	769538	10.04	ppbv		95
33) Cyclohexane	12.768	56	723809	10.03	ppbv	#	80
34) 2,2,4-Trimethylpentane	12.915	57	2106773	9.97	ppbv		98
35) Carbon Tetrachloride	13.063	117	797580	10.27	ppbv	#	59
36) 1,2-Dichloroethane	13.134	62	560771	10.03	ppbv		99
37) Benzene	13.266	78	878041	9.86	ppbv	#	100
38) n-Heptane	13.282	43	896443	10.09	ppbv	#	96
40) Trichloroethylene	14.298	95	432254	10.09	ppbv		98
41) 1,2-Dichloropropane	14.526	63	412688	10.04	ppbv	#	95
42) Methyl Methacrylate	14.542	69	342073	9.96	ppbv	#	69
43) 1,4-Dioxane	14.851	88	204182	10.01	ppbv	#	100
44) Bromodichloromethane	14.890	83	751147	10.15	ppbv	#	94
45) Methyl Isobutyl Ketone	15.430	43	1173987	10.20	ppbv		97
46) cis-1,3-Dichloropropene	15.780	75	557274	10.29	ppbv	#	93
47) Toluene	16.436	91	1151351	10.09	ppbv		98
48) trans-1,3-Dichloropropene	16.594	75	531083	10.33	ppbv	#	94
49) 1,1,2-Trichlorethane	16.890	97	378021	10.22	ppbv	#	89
50) 2-Hexanone	16.899	43	1044467	10.73	ppbv		98
51) 1,3-Dichloropropane	17.317	76	579605	10.33	ppbv	#	100
52) Tetrachloroethylene	17.632	166	579117	10.22	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034044.D
Acq On : 05 Dec 2025 09:44 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

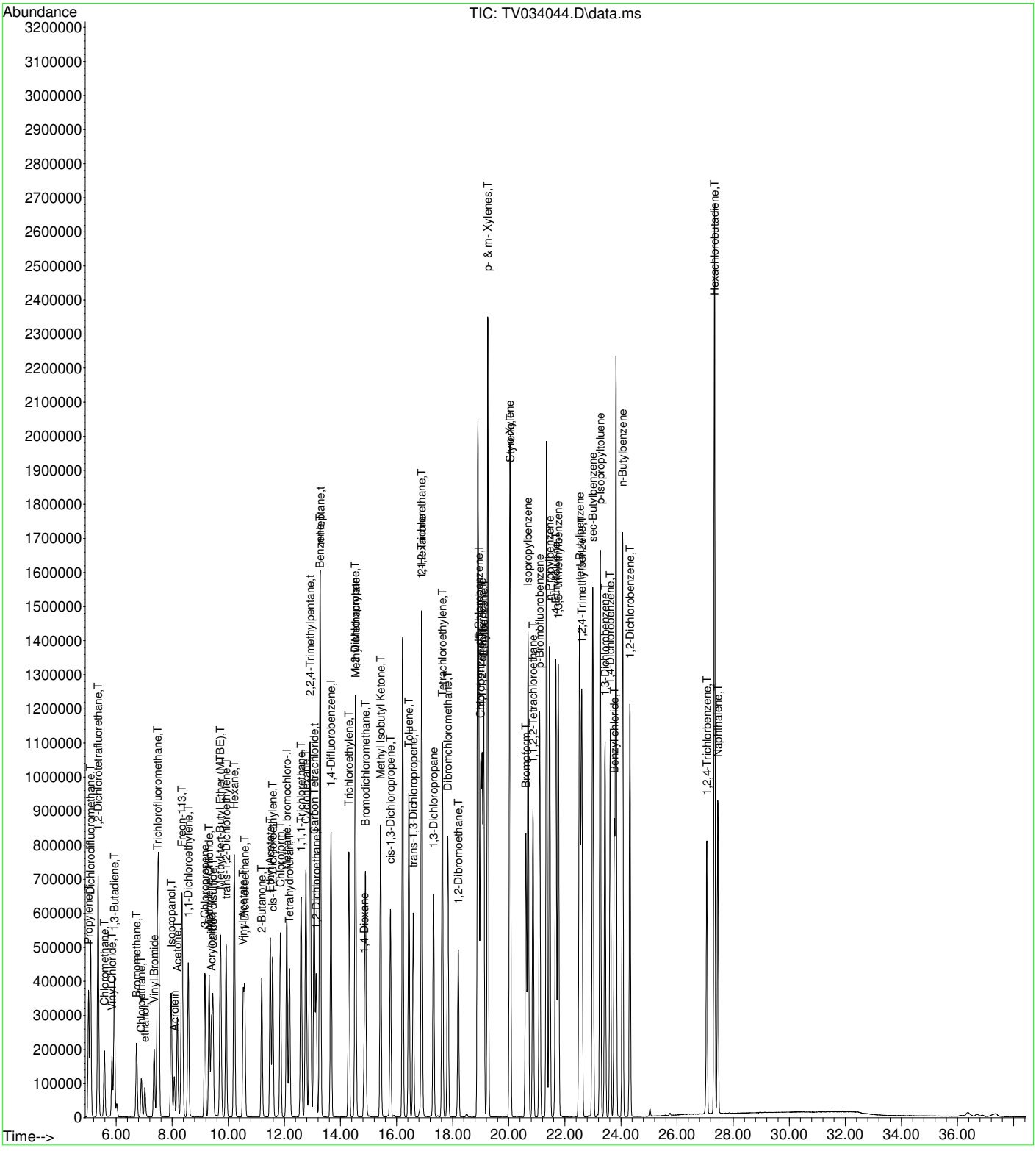
Quant Time: Dec 08 17:02:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	759307	10.31	ppbv		99
54) 1,2-Dibromoethane	18.198	107	584394	10.40	ppbv		100
56) Chlorobenzene	18.999	112	871446	10.02	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.047	131	521715	9.96	ppbv		99
58) Ethylbenzene	19.108	91	1537325	10.04	ppbv		97
59) p- & m- Xylenes	19.250	91	2393242	20.08	ppbv		99
60) o-Xylene	20.034	91	1232819	9.98	ppbv		99
61) Styrene	20.053	104	887976	10.36	ppbv	#	74
62) Bromoform	20.610	173	711221	10.21	ppbv		98
63) n-Propylbenzene	21.455	91	2106356	10.38	ppbv		100
64) Isopropylbenzene	20.687	105	1714843	10.06	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.864	83	831827	10.15	ppbv		98
66) p-Bromofluorobenzene	21.098	95	732349	10.76	ppbv		93
67) 4-Ethyltoluene	21.677	105	1702839	10.52	ppbv		96
68) 1,3,5-Trimethylbenzene	21.764	105	1427204	10.21	ppbv		92
69) tert-Butylbenzene	22.526	119	1604163	10.22	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.600	105	1472607	10.43	ppbv	#	88
71) sec-Butylbenzene	22.995	105	2164031	10.34	ppbv	#	100
72) p-Isopropyltoluene	23.262	119	1830398	10.59	ppbv	#	99
73) 1,3-Dichlorobenzene	23.429	146	870888	11.38	ppbv		99
74) 1,4-Dichlorobenzene	23.619	146	851980	11.70	ppbv		99
75) Benzyl chloride	23.767	126	237217	12.32	ppbv	#	1
76) n-Butylbenzene	24.060	91	1695682	11.41	ppbv	#	89
77) 1,2-Dichlorobenzene	24.320	146	878524	11.35	ppbv		99
78) 1,2,4-Trichlorbenzene	27.060	180	418258	10.98	ppbv		95
79) Hexachlorobutadiene	27.333	225	905923	11.40	ppbv		98
80) Naphthalene	27.455	128	1203802	10.97	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034044.D
Acq On : 05 Dec 2025 09:44 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034045.D
Acq On : 05 Dec 2025 10:30 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:19 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.086	49	651842	10.00	ppbv		-0.03
39) 1,4-Difluorobenzene	13.661	114	1066242	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.931	117	960257	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	389190	14.58	ppbv		99
3) Dichlorodifluoromethane	5.089	85	1313503	15.67	ppbv	#	97
4) 1,2-Dichlorotetrafluor...	5.356	85	1130776	15.41	ppbv		96
5) Chloromethane	5.581	50	601496	14.76	ppbv		100
6) Vinyl Chloride	5.854	62	527192	15.49	ppbv		96
7) 1,3-Butadiene	5.938	54	520019	15.08	ppbv		97
8) Bromomethane	6.729	94	400134	15.25	ppbv		99
9) Chloroethane	6.896	64	275938	15.04	ppbv		92
10) ethanol	7.025	45	266945	11.87	ppbv		88
11) Vinyl Bromide	7.356	106	387925	15.24	ppbv		100
12) Trichlorofluoromethane	7.475	101	1291105	15.19	ppbv		99
13) Isopropanol	7.964	45	1355517	15.05	ppbv		100
14) Acrolein	8.073	56	283231	14.76	ppbv	#	100
15) Acetone	8.182	43	997577	14.02	ppbv		96
16) Freon-113	8.346	101	867591	15.27	ppbv		96
17) 1,1-Dichloroethylene	8.575	61	944730	15.03	ppbv		85
18) 3-Chloropropene	9.166	41	890629	15.04	ppbv		90
19) Methylene Chloride	9.317	49	822036	14.70	ppbv	#	74
20) Acrylonitrile	9.398	53	564649	13.98	ppbv	#	100
21) Carbon disulfide	9.449	76	1249301	15.15	ppbv	#	85
22) Methyl-tert-Butyl Ethe...	9.719	73	1370468	15.06	ppbv	#	82
23) trans-1,2-Dichloroethy...	9.922	61	866944	15.21	ppbv		86
24) Hexane	10.214	57	1015225	15.05	ppbv		98
25) Vinyl Acetate	10.533	43	1467507	15.04	ppbv	#	99
26) 1,1-Dichloroethane	10.584	63	986506	14.87	ppbv	#	97
27) 2-Butanone	11.192	43	1440078	14.63	ppbv	#	85
28) Ethyl Acetate	11.497	43	1706796	15.09	ppbv	#	94
29) cis-1,2-Dichloroethylene	11.584	61	821912	14.46	ppbv		84
30) Chloroform	11.857	83	1045490	15.06	ppbv	#	95
31) Tetrahydrofuran	12.179	42	848017	14.74	ppbv	#	84
32) 1,1,1-Trichlorethane	12.597	97	1171600	15.08	ppbv		95
33) Cyclohexane	12.767	56	1088134	14.88	ppbv		80
34) 2,2,4-Trimethylpentane	12.919	57	3151061	14.72	ppbv		98
35) Carbon Tetrachloride	13.063	117	1209297	15.36	ppbv	#	59
36) 1,2-Dichloroethane	13.134	62	846408	14.94	ppbv	#	98
37) Benzene	13.266	78	1322242	14.65	ppbv	#	100
38) n-Heptane	13.282	43	1331565	14.78	ppbv	#	99
40) Trichloroethylene	14.301	95	657285	14.91	ppbv		98
41) 1,2-Dichloropropane	14.529	63	618658	14.62	ppbv	#	95
42) Methyl Methacrylate	14.539	69	526427	14.88	ppbv	#	78
43) 1,4-Dioxane	14.848	88	315630	15.02	ppbv	#	100
44) Bromodichloromethane	14.893	83	1134509	14.89	ppbv	#	95
45) Methyl Isobutyl Ketone	15.430	43	1743751	14.71	ppbv		98
46) cis-1,3-Dichloropropene	15.783	75	852486	15.29	ppbv	#	94
47) Toluene	16.439	91	1735040	14.77	ppbv		99
48) trans-1,3-Dichloropropene	16.597	75	823304	15.56	ppbv	#	94
49) 1,1,2-Trichlorethane	16.893	97	571148	14.99	ppbv	#	89
50) 2-Hexanone	16.899	43	1574540	15.70	ppbv		99
51) 1,3-Dichloropropane	17.317	76	883269	15.29	ppbv	#	100
52) Tetrachloroethylene	17.632	166	879682	15.07	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034045.D
Acq On : 05 Dec 2025 10:30 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

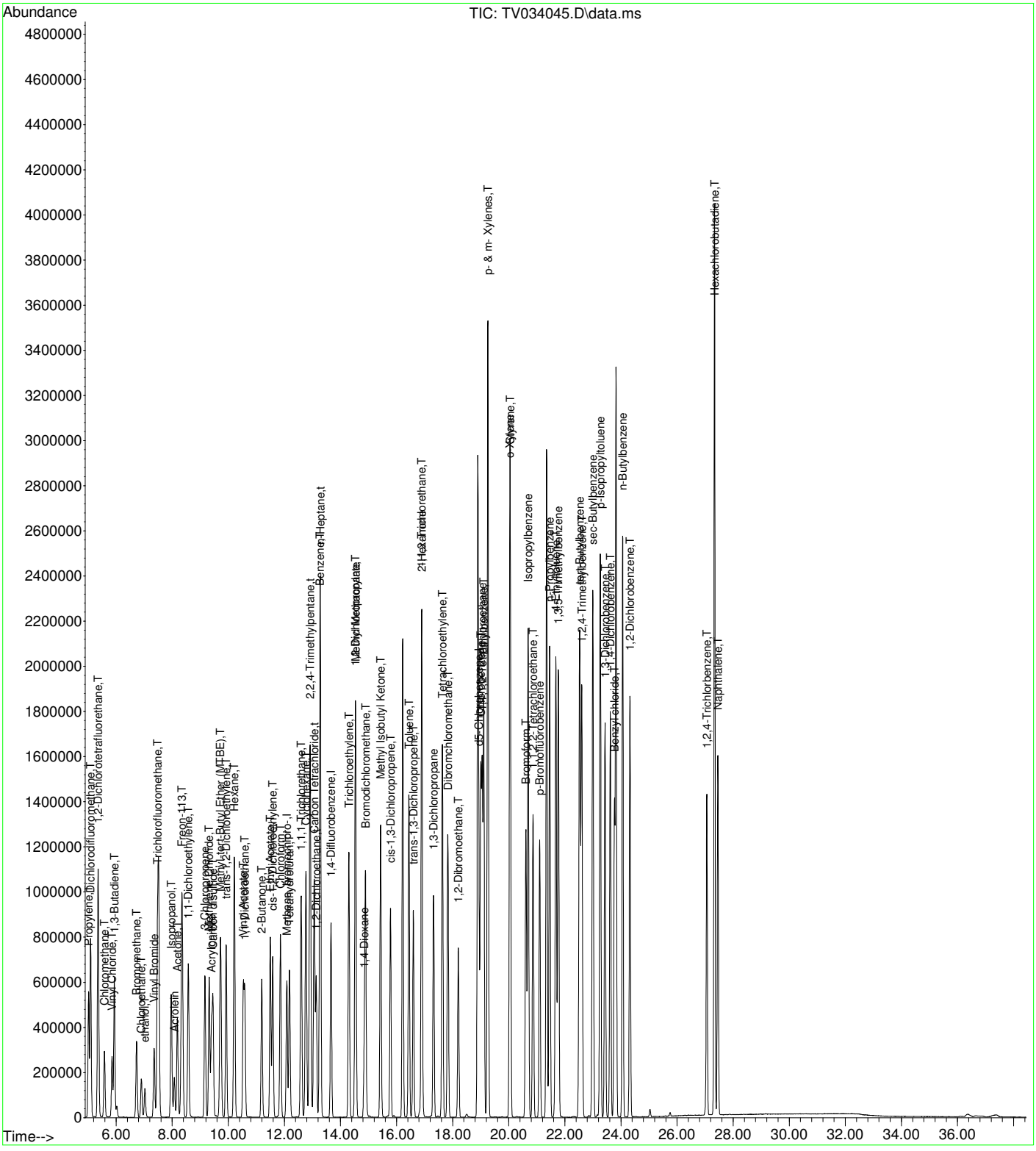
Quant Time: Dec 08 17:02:19 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.828	129	1166947	15.40	ppbv		98
54) 1,2-Dibromoethane	18.201	107	901226	15.58	ppbv		100
56) Chlorobenzene	19.002	112	1324384	14.68	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.050	131	790972	14.57	ppbv		99
58) Ethylbenzene	19.108	91	2334706	14.71	ppbv		97
59) p- & m- Xylenes	19.253	91	3635015	29.43	ppbv		99
60) o-Xylene	20.034	91	1877430	14.66	ppbv		99
61) Styrene	20.053	104	1362421	15.34	ppbv	#	74
62) Bromoform	20.610	173	1091342	15.12	ppbv		98
63) n-Propylbenzene	21.458	91	3175277	15.10	ppbv		100
64) Isopropylbenzene	20.690	105	2609318	14.76	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.864	83	1248217	14.69	ppbv		98
66) p-Bromofluorobenzene	21.098	95	767689	10.88	ppbv		93
67) 4-Ethyltoluene	21.677	105	2562670	15.28	ppbv		96
68) 1,3,5-Trimethylbenzene	21.767	105	2169599	14.98	ppbv		92
69) tert-Butylbenzene	22.526	119	2434518	14.96	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.603	105	2237032	15.28	ppbv	#	89
71) sec-Butylbenzene	22.995	105	3287178	15.15	ppbv	#	100
72) p-Isopropyltoluene	23.262	119	2791695	15.58	ppbv	#	99
73) 1,3-Dichlorobenzene	23.433	146	1370952	17.29	ppbv		99
74) 1,4-Dichlorobenzene	23.622	146	1369068	18.13	ppbv		99
75) Benzyl chloride	23.770	126	377260	18.90	ppbv	#	1
76) n-Butylbenzene	24.060	91	2601581	16.89	ppbv	#	89
77) 1,2-Dichlorobenzene	24.320	146	1362598	16.99	ppbv		99
78) 1,2,4-Trichlorbenzene	27.059	180	753246	19.08	ppbv		95
79) Hexachlorobutadiene	27.336	225	1376465	16.71	ppbv		98
80) Naphthalene	27.455	128	2083651	18.31	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034045.D
Acq On : 05 Dec 2025 10:30 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:19 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034046.D
Acq On : 05 Dec 2025 11:16 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.086	49	640043	10.00	ppbv		-0.02
39) 1,4-Difluorobenzene	13.665	114	1074646	10.00	ppbv		-0.02
55) d5-Chlorobenzene	18.931	117	954845	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	516413	19.71	ppbv		98
3) Dichlorodifluoromethane	5.090	85	1780313	21.64	ppbv	#	98
4) 1,2-Dichlorotetrafluor...	5.356	85	1549625	21.50	ppbv		97
5) Chloromethane	5.581	50	799557	19.98	ppbv		100
6) Vinyl Chloride	5.852	62	705200	21.11	ppbv		96
7) 1,3-Butadiene	5.935	54	689241	20.36	ppbv		96
8) Bromomethane	6.726	94	542572	21.07	ppbv		99
9) Chloroethane	6.900	64	372656	20.68	ppbv		92
10) ethanol	7.025	45	348844	15.79	ppbv		88
11) Vinyl Bromide	7.353	106	525189	21.01	ppbv		100
12) Trichlorofluoromethane	7.478	101	1742796	20.88	ppbv		99
13) Isopropanol	7.967	45	1771234	20.03	ppbv		100
14) Acrolein	8.077	56	375980	19.95	ppbv	#	100
15) Acetone	8.183	43	1301002	18.62	ppbv		97
16) Freon-113	8.347	101	1165722	20.90	ppbv		96
17) 1,1-Dichloroethylene	8.575	61	1252648	20.30	ppbv		86
18) 3-Chloropropene	9.167	41	1165720	20.04	ppbv		90
19) Methylene Chloride	9.318	49	1084244	19.74	ppbv	#	74
20) Acrylonitrile	9.401	53	752708	18.98	ppbv	#	100
21) Carbon disulfide	9.449	76	1674581	20.68	ppbv	#	86
22) Methyl-tert-Butyl Ethe...	9.720	73	1835793	20.55	ppbv	#	83
23) trans-1,2-Dichloroethy...	9.922	61	1154419	20.62	ppbv		87
24) Hexane	10.215	57	1346655	20.33	ppbv		98
25) Vinyl Acetate	10.533	43	1970337	20.56	ppbv	#	99
26) 1,1-Dichloroethane	10.584	63	1315576	20.20	ppbv	#	97
27) 2-Butanone	11.192	43	1878102	19.44	ppbv	#	86
28) Ethyl Acetate	11.498	43	2226634	20.05	ppbv	#	94
29) cis-1,2-Dichloroethylene	11.584	61	1102546	19.76	ppbv		84
30) Chloroform	11.861	83	1402056	20.57	ppbv	#	95
31) Tetrahydrofuran	12.182	42	1101399	19.50	ppbv	#	84
32) 1,1,1-Trichlorethane	12.600	97	1566742	20.54	ppbv		95
33) Cyclohexane	12.771	56	1448926	20.17	ppbv		81
34) 2,2,4-Trimethylpentane	12.916	57	4184933	19.90	ppbv		98
35) Carbon Tetrachloride	13.063	117	1624586	21.01	ppbv		100
36) 1,2-Dichloroethane	13.134	62	1121384	20.16	ppbv	#	98
37) Benzene	13.266	78	1776174	20.04	ppbv	#	100
38) n-Heptane	13.282	43	1717522	19.41	ppbv	#	99
40) Trichloroethylene	14.301	95	877832	19.75	ppbv		97
41) 1,2-Dichloropropane	14.530	63	831395	19.49	ppbv	#	95
42) Methyl Methacrylate	14.543	69	703013	19.72	ppbv	#	78
43) 1,4-Dioxane	14.848	88	413857	19.54	ppbv	#	100
44) Bromodichloromethane	14.890	83	1523778	19.84	ppbv	#	95
45) Methyl Isobutyl Ketone	15.430	43	2268629	18.99	ppbv		99
46) cis-1,3-Dichloropropene	15.784	75	1140961	20.30	ppbv	#	94
47) Toluene	16.440	91	2342930	19.79	ppbv		99
48) trans-1,3-Dichloropropene	16.597	75	1093207	20.49	ppbv	#	94
49) 1,1,2-Trichlorethane	16.893	97	765187	19.93	ppbv		89
50) 2-Hexanone	16.899	43	2065410	20.44	ppbv		100
51) 1,3-Dichloropropane	17.317	76	1178244	20.24	ppbv	#	100
52) Tetrachloroethylene	17.632	166	1189900	20.23	ppbv		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034046.D
Acq On : 05 Dec 2025 11:16 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

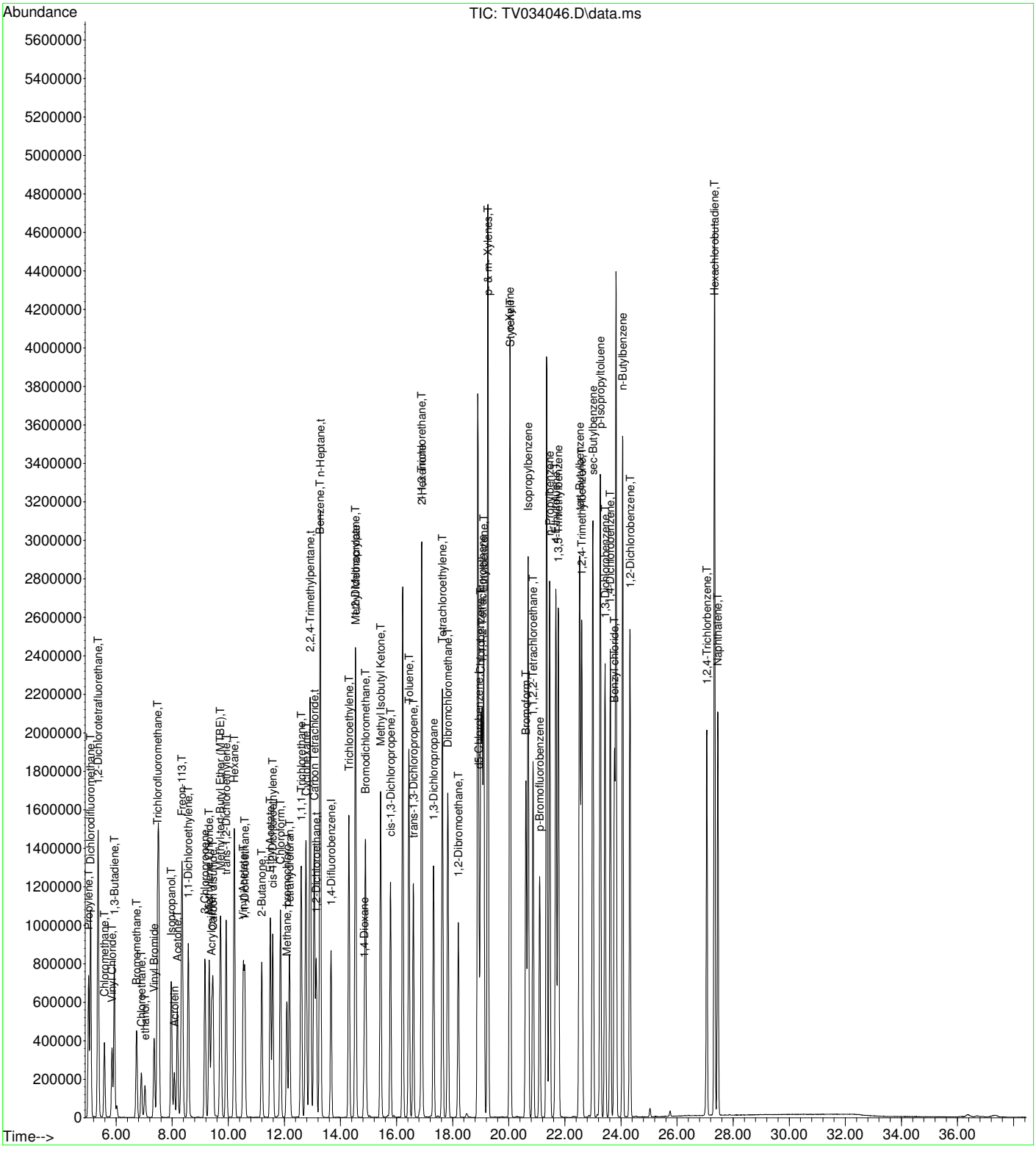
Quant Time: Dec 08 17:02:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	1561735	20.44	ppbv		99
54) 1,2-Dibromoethane	18.202	107	1220051	20.93	ppbv		99
56) Chlorobenzene	18.999	112	1793108	19.99	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.050	131	1063596	19.70	ppbv		99
58) Ethylbenzene	19.108	91	3134134	19.86	ppbv		97
59) p- & m- Xylenes	19.253	91	4886826	39.78	ppbv		98
60) o-Xylene	20.037	91	2540846	19.96	ppbv		99
61) Styrene	20.054	104	1838998	20.82	ppbv	#	74
62) Bromoform	20.613	173	1500305	20.90	ppbv		98
63) n-Propylbenzene	21.459	91	4272432	20.43	ppbv		100
64) Isopropylbenzene	20.690	105	3524315	20.05	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.864	83	1699803	20.12	ppbv		98
66) p-Bromofluorobenzene	21.102	95	780364	11.13	ppbv		93
67) 4-Ethyltoluene	21.680	105	3455839	20.72	ppbv		96
68) 1,3,5-Trimethylbenzene	21.767	105	2911384	20.21	ppbv		92
69) tert-Butylbenzene	22.529	119	3295828	20.37	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.600	105	3023766	20.77	ppbv	#	89
71) sec-Butylbenzene	22.999	105	4400454	20.39	ppbv	#	100
72) p-Isopropyltoluene	23.262	119	3743708	21.02	ppbv	#	99
73) 1,3-Dichlorobenzene	23.433	146	1863372	23.63	ppbv		99
74) 1,4-Dichlorobenzene	23.619	146	1861767	24.80	ppbv		99
75) Benzyl chloride	23.770	126	519516	26.17	ppbv	#	1
76) n-Butylbenzene	24.060	91	3502628	22.87	ppbv	#	89
77) 1,2-Dichlorobenzene	24.323	146	1839393	23.06	ppbv		99
78) 1,2,4-Trichlorbenzene	27.060	180	1047178	26.68	ppbv		96
79) Hexachlorobutadiene	27.333	225	1596901	19.49	ppbv		97
80) Naphthalene	27.452	128	2744849	24.26	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034046.D
Acq On : 05 Dec 2025 11:16 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034047.D
Acq On : 06 Dec 2025 12:02 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.086	49	629985	10.00	ppbv		-0.02
39) 1,4-Difluorobenzene	13.665	114	1092924	10.00	ppbv		-0.02
55) d5-Chlorobenzene	18.931	117	963817	10.00	ppbv		#-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	794112	30.79	ppbv		98
3) Dichlorodifluoromethane	5.090	85	2591882	32.00	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.356	85	2453153	34.59	ppbv		97
5) Chloromethane	5.581	50	1223586	31.07	ppbv		100
6) Vinyl Chloride	5.855	62	1095902	33.32	ppbv		96
7) 1,3-Butadiene	5.935	54	1054731	31.66	ppbv		96
8) Bromomethane	6.726	94	853583	33.67	ppbv		99
9) Chloroethane	6.903	64	579934	32.70	ppbv		93
10) ethanol	7.032	45	530013	24.38	ppbv		89
11) Vinyl Bromide	7.353	106	818116	33.26	ppbv		100
12) Trichlorofluoromethane	7.478	101	2667657	32.47	ppbv		99
13) Isopropanol	7.970	45	2662355	30.59	ppbv		100
14) Acrolein	8.077	56	576836	31.10	ppbv	#	100
15) Acetone	8.183	43	1934425	28.12	ppbv		99
16) Freon-113	8.347	101	1784278	32.50	ppbv		95
17) 1,1-Dichloroethylene	8.575	61	1899673	31.27	ppbv		87
18) 3-Chloropropene	9.167	41	1734568	30.30	ppbv		90
19) Methylene Chloride	9.321	49	1606738	29.72	ppbv	#	76
20) Acrylonitrile	9.401	53	1133661	29.04	ppbv	#	100
21) Carbon disulfide	9.449	76	2566536	32.20	ppbv	#	88
22) Methyl-tert-Butyl Ethe...	9.723	73	2828519	32.17	ppbv	#	84
23) trans-1,2-Dichloroethy...	9.925	61	1767664	32.08	ppbv		88
24) Hexane	10.215	57	2039501	31.29	ppbv		99
25) Vinyl Acetate	10.536	43	3134164	33.23	ppbv	#	99
26) 1,1-Dichloroethane	10.588	63	2009176	31.35	ppbv	#	97
27) 2-Butanone	11.195	43	2809735	29.54	ppbv		87
28) Ethyl Acetate	11.501	43	3294096	30.13	ppbv		94
29) cis-1,2-Dichloroethylene	11.584	61	1681723	30.62	ppbv		85
30) Chloroform	11.861	83	2155291	32.13	ppbv		96
31) Tetrahydrofuran	12.179	42	1631762	29.35	ppbv		85
32) 1,1,1-Trichlorethane	12.597	97	2416039	32.18	ppbv		96
33) Cyclohexane	12.768	56	2194026	31.04	ppbv		81
34) 2,2,4-Trimethylpentane	12.919	57	6292554	30.41	ppbv		98
35) Carbon Tetrachloride	13.063	117	2487685	32.69	ppbv		100
36) 1,2-Dichloroethane	13.137	62	1704970	31.14	ppbv	#	98
37) Benzene	13.269	78	2724110	31.23	ppbv	#	100
38) n-Heptane	13.285	43	2506446	28.78	ppbv		98
40) Trichloroethylene	14.301	95	1370666	30.33	ppbv		98
41) 1,2-Dichloropropane	14.530	63	1269831	29.28	ppbv	#	96
42) Methyl Methacrylate	14.543	69	1094746	30.20	ppbv	#	78
43) 1,4-Dioxane	14.851	88	655356	30.43	ppbv	#	100
44) Bromodichloromethane	14.893	83	2351630	30.10	ppbv		96
45) Methyl Isobutyl Ketone	15.433	43	3358991	27.65	ppbv		100
46) cis-1,3-Dichloropropene	15.784	75	1778823	31.12	ppbv	#	94
47) Toluene	16.440	91	3589961	29.81	ppbv		99
48) trans-1,3-Dichloropropene	16.597	75	1707952	31.48	ppbv	#	95
49) 1,1,2-Trichlorethane	16.893	97	1172148	30.01	ppbv		90
50) 2-Hexanone	16.899	43	3006545	29.25	ppbv		99
51) 1,3-Dichloropropane	17.321	76	1820958	30.75	ppbv	#	86
52) Tetrachloroethylene	17.632	166	1856762	31.04	ppbv		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034047.D
Acq On : 06 Dec 2025 12:02 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

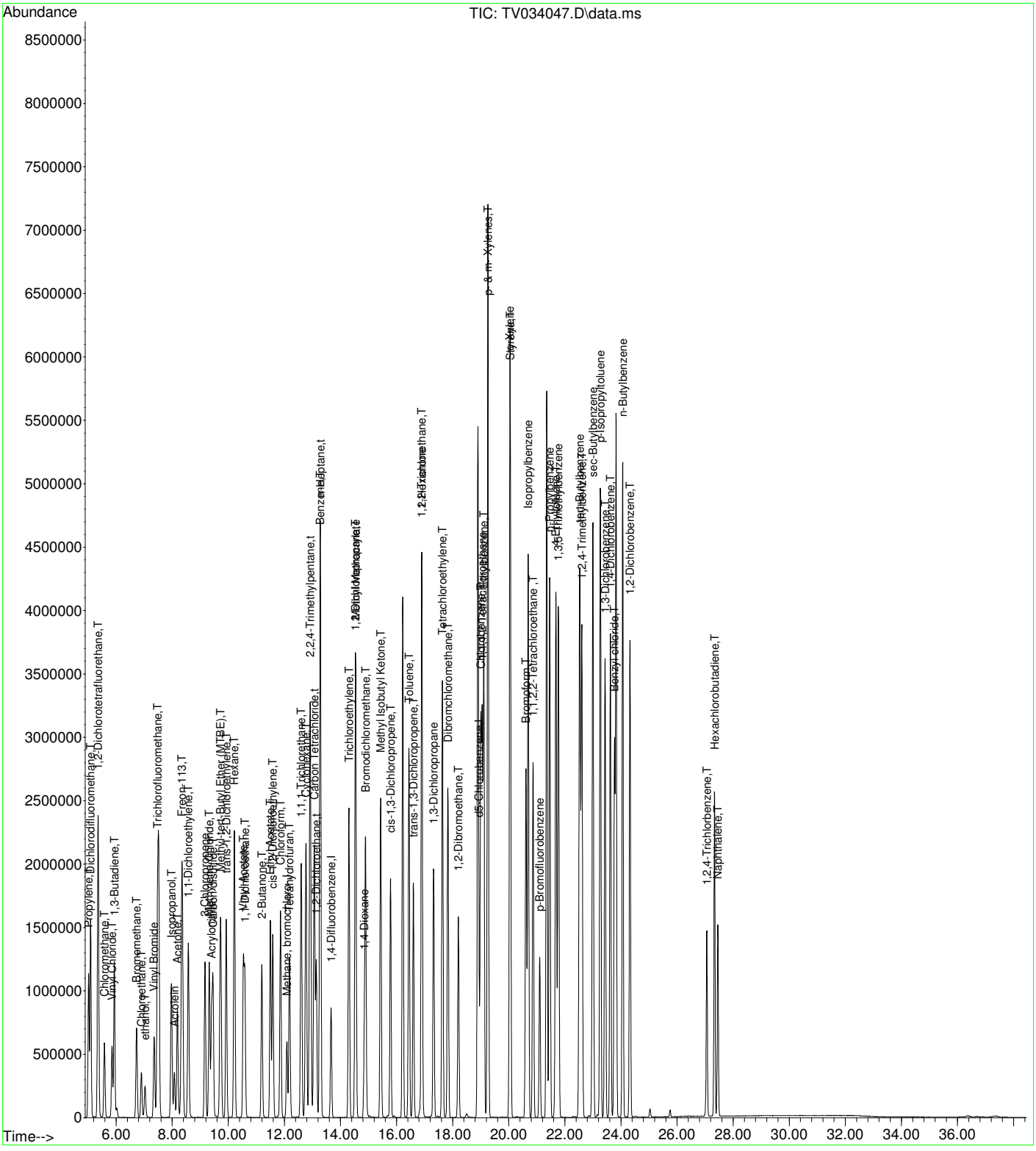
Quant Time: Dec 08 17:02:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.829	129	2434899	31.34	ppbv		99
54) 1,2-Dibromoethane	18.202	107	1900548	32.05	ppbv		99
56) Chlorobenzene	19.002	112	2759127	30.47	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.050	131	1627815	29.88	ppbv		99
58) Ethylbenzene	19.108	91	4806576	30.18	ppbv		97
59) p- & m- Xylenes	19.256	91	7497450	60.47	ppbv		98
60) o-Xylene	20.037	91	3915625	30.47	ppbv		99
61) Styrene	20.057	104	2860489	32.08	ppbv	#	74
62) Bromoform	20.613	173	2334309	32.21	ppbv		98
63) n-Propylbenzene	21.459	91	6517625	30.87	ppbv		100
64) Isopropylbenzene	20.690	105	5383356	30.34	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.867	83	2586279	30.33	ppbv		98
66) p-Bromofluorobenzene	21.102	95	792896	11.20	ppbv		93
67) 4-Ethyltoluene	21.680	105	5262779	31.26	ppbv		96
68) 1,3,5-Trimethylbenzene	21.767	105	4467887	30.73	ppbv		92
69) tert-Butylbenzene	22.529	119	4969149	30.43	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.603	105	4547854	30.95	ppbv	#	88
71) sec-Butylbenzene	22.999	105	6568901	30.16	ppbv	#	100
72) p-Isopropyltoluene	23.266	119	5569208	30.98	ppbv	#	99
73) 1,3-Dichlorobenzene	23.433	146	2888456	36.29	ppbv		99
74) 1,4-Dichlorobenzene	23.623	146	2911636	38.42	ppbv		99
75) Benzyl chloride	23.770	126	803426	40.09	ppbv	#	1
76) n-Butylbenzene	24.063	91	5172515	33.46	ppbv	#	89
77) 1,2-Dichlorobenzene	24.320	146	2777854	34.50	ppbv		99
78) 1,2,4-Trichlorbenzene	27.060	180	781651	19.73	ppbv		95
79) Hexachlorobutadiene	27.336	225	897324	10.85	ppbv		97
80) Naphthalene	27.452	128	1990602	17.43	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034047.D
Acq On : 06 Dec 2025 12:02 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 17:02:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Laboratory ID: S5L0903-SCV1
Sequence: S5L0903
Standard ID: S25L225

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.4	4.2	30.00
1,1,1-Trichloroethane	10.0	10.9	8.7	30.00
1,1,2,2-Tetrachloroethane	10.0	10.5	5.0	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.9	9.1	30.00
1,1,2-Trichloroethane	10.0	10.8	8.5	30.00
1,1-Dichloroethane	10.0	10.3	2.7	30.00
1,1-Dichloroethylene	10.0	10.5	4.9	30.00
1,2,4-Trichlorobenzene	10.0	11.3	13.0	30.00
1,2,4-Trimethylbenzene	10.0	10.8	8.2	30.00
1,2-Dibromoethane	10.0	10.8	8.4	30.00
1,2-Dichlorobenzene	10.0	11.6	16.2	30.00
1,2-Dichloroethane	10.0	10.5	4.6	30.00
1,2-Dichloropropane	10.0	10.5	5.4	30.00
1,2-Dichlorotetrafluoroethane	10.0	10.8	8.4	30.00
1,3,5-Trimethylbenzene	10.0	10.6	5.7	30.00
1,3-Butadiene	10.0	10.7	6.7	30.00
1,3-Dichlorobenzene	10.0	11.8	18.5	30.00
1,3-Dichloropropane	10.0	10.6	6.1	30.00
1,4-Dichlorobenzene	10.0	12.1	21.0	30.00
1,4-Dioxane	10.0	10.7	6.7	30.00
2,2,4-Trimethylpentane	10.0	11.1	11.0	30.00
2-Butanone	10.0	10.1	0.8	30.00
2-Hexanone	10.0	11.0	9.8	30.00
3-Chloropropene	10.0	10.8	8.5	30.00
4-Methyl-2-pentanone	10.0	10.3	2.9	30.00

SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Laboratory ID: S5L0903-SCV1
Sequence: S5L0903
Standard ID: S25L225

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Acetone	10.0	9.75	-2.5	30.00
Acrolein	10.0	10.2	2.1	30.00
Acrylonitrile	10.0	10.0	0.3	30.00
Benzene	10.0	10.5	4.7	30.00
Benzyl chloride	10.0	12.7	27.2	30.00
Bromodichloromethane	10.0	10.8	8.0	30.00
Bromoform	10.0	11.2	12.5	30.00
Bromomethane	10.0	10.8	7.7	30.00
Carbon disulfide	10.0	10.3	3.3	30.00
Carbon tetrachloride	10.0	11.1	11.4	30.00
Chlorobenzene	10.0	10.5	4.6	30.00
Chloroethane	10.0	10.7	6.9	30.00
Chloroform	10.0	10.7	7.3	30.00
Chloromethane	10.0	10.3	3.3	30.00
cis-1,2-Dichloroethylene	10.0	10.4	3.8	30.00
cis-1,3-Dichloropropylene	10.0	10.8	8.4	30.00
Cyclohexane	10.0	10.5	5.2	30.00
Dibromochloromethane	10.0	11.0	9.6	30.00
Dichlorodifluoromethane	10.0	11.2	12.0	30.00
Ethyl acetate	10.0	10.0	0.3	30.00
Ethyl Benzene	10.0	10.5	4.7	30.00
Hexachlorobutadiene	10.0	12.2	21.7	30.00
Isopropanol	10.0	10.5	5.3	30.00
Isopropylbenzene	10.0	10.5	5.0	30.00
Methyl Methacrylate	10.0	10.2	1.6	30.00

SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA TO-15

Laboratory: ALS Environmental - Stratford
SDG: 26A1103
Client: PVE, LLC. (Poughkeepsie)
Project: 33 East Main Street Pawling, NY
Calibration: SL50019
Laboratory ID: S5L0903-SCV1
Sequence: S5L0903
Standard ID: S25L225

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Methyl tert-butyl ether (MTBE)	10.0	10.8	7.7	30.00
Methylene chloride	10.0	10.4	3.8	30.00
Naphthalene	10.0	11.7	16.7	30.00
n-Butylbenzene	10.0	11.8	17.8	30.00
n-Heptane	10.0	10.5	4.7	30.00
n-Hexane	10.0	10.6	6.0	30.00
n-Propylbenzene	10.0	10.6	6.5	30.00
o-Xylene	10.0	10.4	4.1	30.00
p- & m- Xylenes	20.0	20.9	4.4	30.00
p-Ethyltoluene	10.0	10.9	9.3	30.00
p-Isopropyltoluene	10.0	11.1	10.8	30.00
Propylene	10.0	10.3	3.3	30.00
sec-Butylbenzene	10.0	10.6	6.4	30.00
Styrene	10.0	10.8	7.5	30.00
tert-Butylbenzene	10.0	10.7	6.8	30.00
Tetrachloroethylene	10.0	10.8	7.5	30.00
Tetrahydrofuran	10.0	10.2	2.3	30.00
Toluene	10.0	10.3	3.3	30.00
trans-1,2-Dichloroethylene	10.0	10.7	6.6	30.00
trans-1,3-Dichloropropylene	10.0	11.1	10.8	30.00
Trichloroethylene	10.0	10.6	5.8	30.00
Trichlorofluoromethane (Freon 11)	10.0	10.9	8.6	30.00
Vinyl acetate	10.0	10.6	6.0	30.00
Vinyl bromide	10.0	11.1	10.9	30.00
Vinyl Chloride	10.0	10.8	7.8	30.00

SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA TO-15

Laboratory: ALS Environmental - Stratford

Client: PVE, LLC. (Poughkeepsie)

Calibration: SL50019

Sequence: S5L0903

SDG: 26A1103

Project: 33 East Main Street Pawling, NY

Laboratory ID: S5L0903-SCV1

Standard ID: S25L225

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034051.D
Acq On : 06 Dec 2025 03:07 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 14:43:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.083	49	622082	10.00	ppbv		-0.03
39) 1,4-Difluorobenzene	13.658	114	1022754	10.00	ppbv		-0.03
55) d5-Chlorobenzene	18.928	117	915755	10.00	ppbv	#	-0.03
Target Compounds							Qvalue
2) Propylene	5.019	42	263166	10.33	ppbv		98
3) Dichlorodifluoromethane	5.089	85	895405	11.20	ppbv	#	97
4) 1,2-Dichlorotetrafluor...	5.356	85	758886	10.84	ppbv		97
5) Chloromethane	5.581	50	401715	10.33	ppbv		100
6) Vinyl Chloride	5.852	62	350191	10.78	ppbv		95
7) 1,3-Butadiene	5.935	54	350919	10.67	ppbv		97
8) Bromomethane	6.729	94	269698	10.77	ppbv		99
9) Chloroethane	6.900	64	187289	10.69	ppbv		92
10) ethanol	7.019	45	201158	9.37	ppbv		87
11) Vinyl Bromide	7.353	106	269305	11.09	ppbv		100
12) Trichlorofluoromethane	7.475	101	880782	10.86	ppbv		99
13) Isopropanol	7.958	45	904916	10.53	ppbv		100
14) Acrolein	8.070	56	187024	10.21	ppbv	#	100
15) Acetone	8.179	43	662508	9.75	ppbv		97
16) Freon-113	8.343	101	591514	10.91	ppbv		96
17) 1,1-Dichloroethylene	8.572	61	629168	10.49	ppbv		86
18) 3-Chloropropene	9.163	41	613343	10.85	ppbv		90
19) Methylene Chloride	9.314	49	554282	10.38	ppbv	#	74
20) Acrylonitrile	9.392	53	386780	10.03	ppbv	#	100
21) Carbon disulfide	9.449	76	812923	10.33	ppbv	#	85
22) Methyl-tert-Butyl Ethe...	9.720	73	934872	10.77	ppbv	#	82
23) trans-1,2-Dichloroethy...	9.919	61	579984	10.66	ppbv		87
24) Hexane	10.211	57	682476	10.60	ppbv		98
25) Vinyl Acetate	10.530	43	987271	10.60	ppbv	#	99
26) 1,1-Dichloroethane	10.581	63	649896	10.27	ppbv	#	97
27) 2-Butanone	11.186	43	947087	10.08	ppbv	#	85
28) Ethyl Acetate	11.494	43	1082297	10.03	ppbv	#	94
29) cis-1,2-Dichloroethylene	11.581	61	563101	10.38	ppbv		84
30) Chloroform	11.854	83	710998	10.73	ppbv	#	95
31) Tetrahydrofuran	12.179	42	561925	10.23	ppbv	#	83
32) 1,1,1-Trichlorethane	12.594	97	805583	10.87	ppbv		95
33) Cyclohexane	12.764	56	734593	10.52	ppbv		80
34) 2,2,4-Trimethylpentane	12.912	57	2268954	11.10	ppbv		98
35) Carbon Tetrachloride	13.060	117	837375	11.14	ppbv	#	92
36) 1,2-Dichloroethane	13.131	62	565308	10.46	ppbv	#	98
37) Benzene	13.263	78	902254	10.47	ppbv	#	100
38) n-Heptane	13.279	43	900714	10.47	ppbv	#	99
40) Trichloroethylene	14.298	95	447430	10.58	ppbv		98
41) 1,2-Dichloropropane	14.523	63	427819	10.54	ppbv	#	96
42) Methyl Methacrylate	14.539	69	344736	10.16	ppbv	#	78
43) 1,4-Dioxane	14.845	88	215021	10.67	ppbv	#	100
44) Bromodichloromethane	14.890	83	789509	10.80	ppbv	#	95
45) Methyl Isobutyl Ketone	15.427	43	1169673	10.29	ppbv		98
46) cis-1,3-Dichloropropene	15.780	75	579879	10.84	ppbv	#	93
47) Toluene	16.436	91	1163755	10.33	ppbv		99
48) trans-1,3-Dichloropropene	16.594	75	562313	11.08	ppbv	#	94
49) 1,1,2-Trichlorethane	16.890	97	396366	10.85	ppbv		90
50) 2-Hexanone	16.896	43	1056446	10.98	ppbv	#	97
51) 1,3-Dichloropropane	17.317	76	587919	10.61	ppbv	#	100
52) Tetrachloroethylene	17.632	166	601760	10.75	ppbv		97

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034051.D
Acq On : 06 Dec 2025 03:07 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

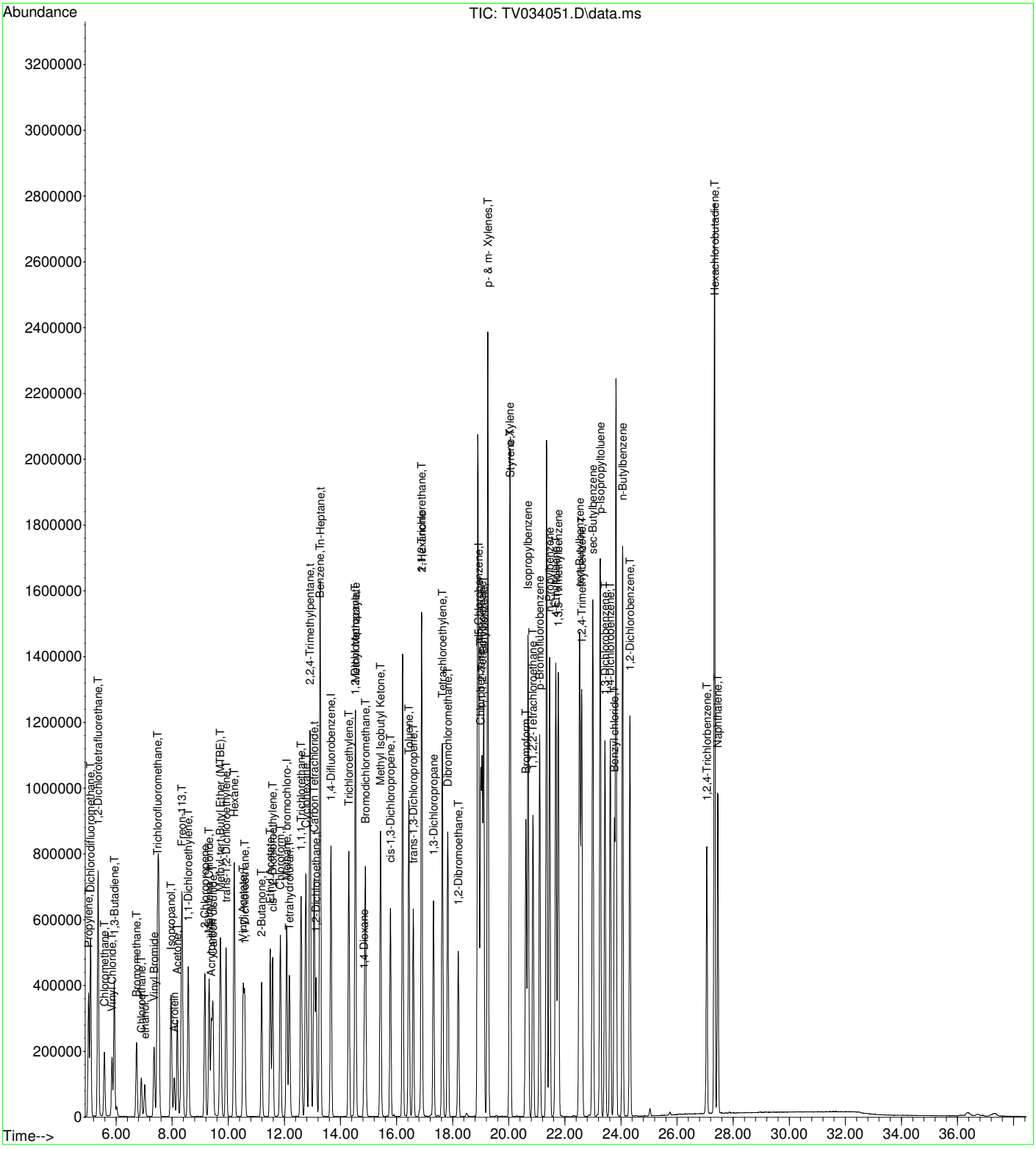
Quant Time: Dec 08 14:43:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.825	129	797101	10.96	ppbv		99
54) 1,2-Dibromoethane	18.198	107	601515	10.84	ppbv		99
56) Chlorobenzene	18.999	112	899666	10.46	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.047	131	539472	10.42	ppbv		99
58) Ethylbenzene	19.105	91	1584049	10.47	ppbv		97
59) p- & m- Xylenes	19.253	91	2458901	20.87	ppbv		99
60) o-Xylene	20.034	91	1270687	10.41	ppbv		99
61) Styrene	20.054	104	910724	10.75	ppbv	#	74
62) Bromoform	20.610	173	774888	11.25	ppbv		98
63) n-Propylbenzene	21.455	91	2135721	10.65	ppbv		100
64) Isopropylbenzene	20.687	105	1771105	10.50	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.861	83	850734	10.50	ppbv		98
66) p-Bromofluorobenzene	21.098	95	718306	10.68	ppbv		92
67) 4-Ethyltoluene	21.677	105	1748192	10.93	ppbv		96
68) 1,3,5-Trimethylbenzene	21.764	105	1460652	10.57	ppbv		92
69) tert-Butylbenzene	22.526	119	1657263	10.68	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.597	105	1510399	10.82	ppbv	#	89
71) sec-Butylbenzene	22.996	105	2201330	10.64	ppbv	#	100
72) p-Isopropyltoluene	23.262	119	1892203	11.08	ppbv	#	99
73) 1,3-Dichlorobenzene	23.430	146	896260	11.85	ppbv		99
74) 1,4-Dichlorobenzene	23.619	146	870992	12.10	ppbv		99
75) Benzyl chloride	23.767	126	242093	12.72	ppbv	#	1
76) n-Butylbenzene	24.060	91	1730372	11.78	ppbv	#	90
77) 1,2-Dichlorobenzene	24.320	146	888893	11.62	ppbv		99
78) 1,2,4-Trichlorbenzene	27.060	180	425370	11.30	ppbv		96
79) Hexachlorobutadiene	27.336	225	955975	12.17	ppbv		98
80) Naphthalene	27.452	128	1266373	11.67	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\120525\
Data File : TV034051.D
Acq On : 06 Dec 2025 03:07 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 08 14:43:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV034958.D	Calibration Date:	12/05/25 16:22
Sequence:	S6A3038	Injection Date:	01/30/26
Lab Sample ID:	S6A3038-CCV1	Injection Time:	11:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.15	0.5653081	0.5170938		-8.5	30	
1,1,1-Trichloroethane	A	10.0	7.86	1.19175	0.93617		-21.4	30	
1,1,2,2-Tetrachloroethane	A	10.0	11.0	0.8845984	0.9710335		9.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.95	0.8714519	0.7801287		-10.5	30	
1,1,2-Trichloroethane	A	10.0	10.5	0.357346	0.3745465		4.8	30	
1,1-Dichloroethane	A	10.0	8.66	1.017448	0.8810012		-13.4	30	
1,1-Dichloroethylene	A	10.0	8.71	0.9642837	0.8402009		-12.9	30	
1,2,4-Trichlorobenzene	A	10.0	7.81	0.4110816	0.321083		-21.9	30	
1,2,4-Trimethylbenzene	A	10.0	9.65	1.524341	1.471539		-3.5	30	
1,2-Dibromoethane	A	10.0	10.6	0.5425024	0.5739494		5.8	30	
1,2-Dichlorobenzene	A	10.0	9.91	0.8353294	0.8278713		-0.9	30	
1,2-Dichloroethane	A	10.0	8.11	0.8691031	0.7052252		-18.9	30	
1,2-Dichloropropane	A	10.0	11.2	0.3968577	0.4453682		12.2	30	
1,2-Dichlorotetrafluoroethane	A	10.0	8.46	1.125896	0.9530087		-15.4	30	
1,3,5-Trimethylbenzene	A	10.0	9.45	1.508624	1.426144		-5.5	30	
1,3-Butadiene	A	10.0	9.40	0.5288624	0.4970397		-6.0	30	
1,3-Dichlorobenzene	A	10.0	9.98	0.8258866	0.8241991		-0.2	30	
1,3-Dichloropropane	A	10.0	10.9	0.5417768	0.5912029		9.1	30	
1,4-Dichlorobenzene	A	10.0	9.82	0.7862207	0.7719428		-1.8	30	
1,4-Dioxane	A	10.0	10.4	0.1970401	0.2041124		3.6	30	
2,2,4-Trimethylpentane	A	10.0	9.59	3.284938	3.149447		-4.1	30	
2-Butanone	A	10.0	9.83	1.509739	1.484571		-1.7	30	
2-Hexanone	A	10.0	12.8	0.9403804	1.208194		28.5	30	
3-Chloropropene	A	10.0	10.4	0.9087415	0.9463308		4.1	30	
4-Methyl-2-pentanone	A	10.0	12.1	1.111532	1.34984		21.4	30	
Acetone	A	10.0	9.65	1.091783	1.05359		-3.5	30	
Acrolein	A	10.0	9.01	0.2944545	0.2654258		-9.9	30	
Acrylonitrile	A	10.0	8.75	0.6195954	0.5418832		-12.5	30	
Benzene	A	10.0	8.87	1.384757	1.228032		-11.3	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV034958.D	Calibration Date:	12/05/25 16:22
Sequence:	S6A3038	Injection Date:	01/30/26
Lab Sample ID:	S6A3038-CCV1	Injection Time:	11:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Benzyl chloride	A	10.0	10.6	0.207913	0.2196384		5.6	30	
Bromodichloromethane	A	10.0	10.3	0.7147675	0.7351612		2.9	30	
Bromoform	A	10.0	9.58	0.7518663	0.7205277		-4.2	30	
Bromomethane	A	10.0	9.17	0.4023979	0.3688658		-8.3	30	
Carbon disulfide	A	10.0	9.05	1.265369	1.145205		-9.5	30	
Carbon tetrachloride	A	10.0	7.77	1.208097	0.9382012		-22.3	30	
Chlorobenzene	A	10.0	9.51	0.9393937	0.8936627		-4.9	30	
Chloroethane	A	10.0	9.31	0.2815161	0.2620757		-6.9	30	
Chloroform	A	10.0	8.47	1.064936	0.902258		-15.3	30	
Chloromethane	A	10.0	9.78	0.6251673	0.6113202		-2.2	30	
cis-1,2-Dichloroethylene	A	10.0	8.64	0.8717435	0.7535981		-13.6	30	
cis-1,3-Dichloropropylene	A	10.0	10.9	0.5230718	0.5679769		8.6	30	
Cyclohexane	A	10.0	9.10	1.122133	1.020619		-9.0	30	
Dibromochloromethane	A	10.0	9.80	0.7108834	0.696326		-2.0	30	
Dichlorodifluoromethane	A	10.0	8.70	1.285574	1.11827		-13.0	30	
Ethyl acetate	A	10.0	9.70	1.735286	1.683311		-3.0	30	
Ethyl Benzene	A	10.0	9.70	1.652643	1.603602		-3.0	30	
Hexachlorobutadiene	A	10.0	9.69	0.8579495	0.8311296		-3.1	30	
Isopropanol	A	10.0	9.65	1.381399	1.333547		-3.5	30	
Isopropylbenzene	A	10.0	9.60	1.841256	1.768261		-4.0	30	
Methyl Methacrylate	A	10.0	10.6	0.3316958	0.3516664		6.0	30	
Methyl tert-butyl ether (MTBE)	A	10.0	8.44	1.395738	1.178639		-15.6	30	
Methylene chloride	A	10.0	9.83	0.8581368	0.8433165		-1.7	30	
Naphthalene	A	10.0	9.02	1.18502	1.068317		-9.8	30	
n-Butylbenzene	A	10.0	10.8	1.603788	1.732889		8.0	30	
n-Heptane	A	10.0	10.3	1.382305	1.42199		2.9	30	
n-Hexane	A	10.0	9.23	1.034783	0.9546397		-7.7	30	
n-Propylbenzene	A	10.0	10.1	2.190583	2.217281		1.2	30	
o-Xylene	A	10.0	9.49	1.333381	1.265665		-5.1	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	ALS Environmental - Stratford	SDG:	26A1103
Client:	PVE, LLC. (Poughkeepsie)	Project:	33 East Main Street Pawling, NY
Instrument ID:	TO15_AIR3	Calibration:	SL50019
Lab File ID:	TV034958.D	Calibration Date:	12/05/25 16:22
Sequence:	S6A3038	Injection Date:	01/30/26
Lab Sample ID:	S6A3038-CCV1	Injection Time:	11:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
p- & m- Xylenes	A	20.0	18.8	1.286458	1.206485		-6.2	30	
p-Ethyltoluene	A	10.0	9.82	1.74703	1.715818		-1.8	30	
p-Isopropyltoluene	A	10.0	9.85	1.865437	1.83814		-1.5	30	
Propylene	A	10.0	10.3	0.4094219	0.420199		2.6	30	
sec-Butylbenzene	A	10.0	9.84	2.260114	2.223475		-1.6	30	
Styrene	A	10.0	9.73	0.9251963	0.9002804		-2.7	30	
tert-Butylbenzene	A	10.0	9.52	1.694204	1.613651		-4.8	30	
Tetrachloroethylene	A	10.0	9.28	0.5473934	0.508161		-7.2	30	
Tetrahydrofuran	A	10.0	10.1	0.8826145	0.8890845		0.7	30	
Toluene	A	10.0	10.1	1.101737	1.108546		0.6	30	
trans-1,2-Dichloroethylene	A	10.0	8.83	0.8746699	0.7721932		-11.7	30	
trans-1,3-Dichloropropylene	A	10.0	10.5	0.4963712	0.5218133		5.1	30	
Trichloroethylene	A	10.0	10.2	0.4134972	0.4223886		2.2	30	
Trichlorofluoromethane (Freon 11)	A	10.0	8.00	1.304183	1.042868		-20.0	30	
Vinyl acetate	A	10.0	9.93	1.497008	1.486134		-0.7	30	
Vinyl bromide	A	10.0	9.24	0.3904691	0.3608408		-7.6	30	
Vinyl Chloride	A	10.0	9.08	0.5220472	0.4741221		-9.2	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034958.D
Acq On : 30 Jan 2026 11:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Jan 30 12:15:21 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.073	49	669528	10.00	ppbv		#-0.04
39) 1,4-Difluorobenzene	13.652	114	904977	10.00	ppbv		-0.04
55) d5-Chlorobenzene	18.922	117	840627	10.00	ppbv		#-0.04
Target Compounds							Qvalue
2) Propylene	5.016	42	281335	10.26	ppbv		98
3) Dichlorodifluoromethane	5.086	85	748713	8.70	ppbv	#	95
4) 1,2-Dichlorotetrafluor...	5.350	85	638066	8.46	ppbv		93
5) Chloromethane	5.578	50	409296	9.78	ppbv	#	86
6) Vinyl Chloride	5.845	62	317438	9.08	ppbv		95
7) 1,3-Butadiene	5.929	54	332782	9.40	ppbv		97
8) Bromomethane	6.723	94	246966	9.17	ppbv		100
9) Chloroethane	6.890	64	175467	9.31	ppbv	#	89
10) ethanol	7.006	45	189757	8.21	ppbv		88
11) Vinyl Bromide	7.347	106	241593	9.24	ppbv		100
12) Trichlorofluoromethane	7.466	101	698229	8.00	ppbv		98
13) Isopropanol	7.942	45	892847	9.65	ppbv		100
14) Acrolein	8.064	56	177710	9.01	ppbv	#	100
15) Acetone	8.167	43	705408	9.65	ppbv		93
16) Freon-113	8.337	101	522318	8.95	ppbv		98
17) 1,1-Dichloroethylene	8.562	61	562538	8.71	ppbv		85
18) 3-Chloropropene	9.157	41	633595	10.41	ppbv		87
19) Methylene Chloride	9.305	49	564624	9.83	ppbv	#	69
20) Acrylonitrile	9.382	53	362806	8.75	ppbv	#	100
21) Carbon disulfide	9.443	76	766747	9.05	ppbv	#	80
22) Methyl-tert-Butyl Ethe...	9.707	73	789132	8.44	ppbv	#	77
23) trans-1,2-Dichloroethy...	9.912	61	517005	8.83	ppbv		86
24) Hexane	10.202	57	639158	9.23	ppbv		90
25) Vinyl Acetate	10.517	43	995008	9.93	ppbv	#	99
26) 1,1-Dichloroethane	10.572	63	589855	8.66	ppbv	#	96
27) 2-Butanone	11.176	43	993962	9.83	ppbv	#	82
28) Ethyl Acetate	11.485	43	1127024	9.70	ppbv	#	92
29) cis-1,2-Dichloroethylene	11.572	61	504555	8.64	ppbv		82
30) Chloroform	11.845	83	604087	8.47	ppbv	#	92
31) Tetrahydrofuran	12.170	42	595267	10.07	ppbv	#	80
32) 1,1,1-Trichlorethane	12.584	97	626792	7.86	ppbv		92
33) Cyclohexane	12.758	56	683333	9.10	ppbv	#	77
34) 2,2,4-Trimethylpentane	12.906	57	2108643	9.59	ppbv		99
35) Carbon Tetrachloride	13.051	117	628152	7.77	ppbv		100
36) 1,2-Dichloroethane	13.125	62	472168	8.11	ppbv		99
37) Benzene	13.253	78	822202	8.87	ppbv	#	100
38) n-Heptane	13.269	43	952062	10.29	ppbv	#	96
40) Trichloroethylene	14.289	95	382252	10.22	ppbv		99
41) 1,2-Dichloropropane	14.517	63	403048	11.22	ppbv	#	95
42) Methyl Methacrylate	14.530	69	318250	10.60	ppbv	#	69
43) 1,4-Dioxane	14.835	88	184717	10.36	ppbv	#	100
44) Bromodichloromethane	14.880	83	665304	10.29	ppbv	#	92
45) Methyl Isobutyl Ketone	15.420	43	1221574	12.14	ppbv		91
46) cis-1,3-Dichloropropene	15.771	75	514006	10.86	ppbv	#	92
47) Toluene	16.430	91	1003209	10.06	ppbv		98
48) trans-1,3-Dichloropropene	16.587	75	472229	10.51	ppbv	#	91
49) 1,1,2-Trichlorethane	16.883	97	338956	10.48	ppbv	#	90
50) 2-Hexanone	16.887	43	1093388	12.85	ppbv		95
51) 1,3-Dichloropropane	17.308	76	535025	10.91	ppbv	#	100
52) Tetrachloroethylene	17.623	166	459874	9.28	ppbv		99

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034958.D
Acq On : 30 Jan 2026 11:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

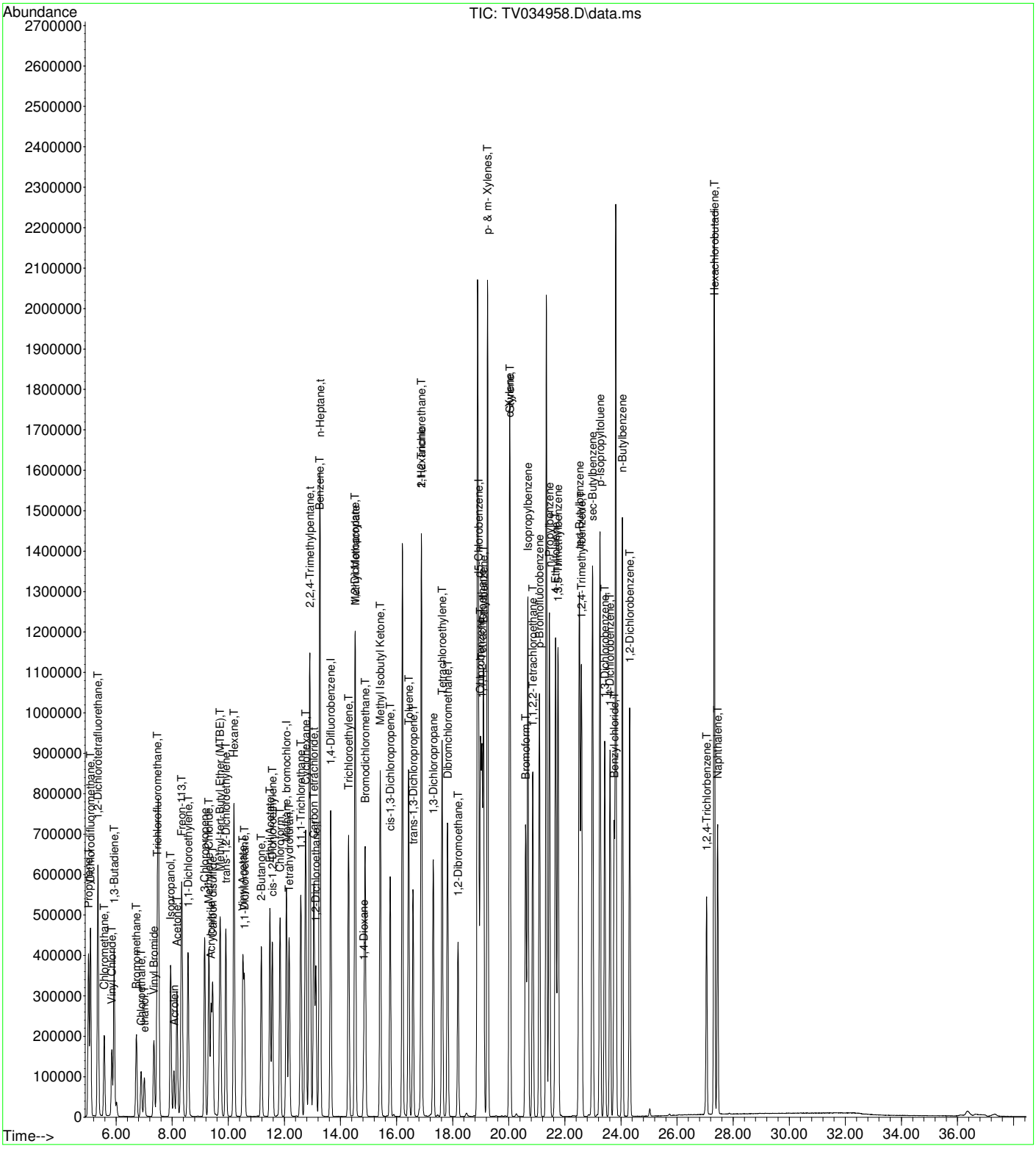
Quant Time: Jan 30 12:15:21 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Dibromchloromethane	17.819	129	630159	9.80	ppbv		98
54) 1,2-Dibromoethane	18.189	107	519411	10.58	ppbv		100
56) Chlorobenzene	18.989	112	751237	9.51	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.041	131	434683	9.15	ppbv		97
58) Ethylbenzene	19.095	91	1348031	9.70	ppbv		97
59) p- & m- Xylenes	19.243	91	2028408	18.76	ppbv		99
60) o-Xylene	20.025	91	1063952	9.49	ppbv		99
61) Styrene	20.044	104	756800	9.73	ppbv	#	74
62) Bromoform	20.603	173	605695	9.58	ppbv		97
63) n-Propylbenzene	21.446	91	1863906	10.12	ppbv		100
64) Isopropylbenzene	20.681	105	1486448	9.60	ppbv		100
65) 1,1,2,2-Tetrachloroeth...	20.854	83	816277	10.98	ppbv		99
66) p-Bromofluorobenzene	21.092	95	630758	10.21	ppbv		96
67) 4-Ethyltoluene	21.671	105	1442363	9.82	ppbv		96
68) 1,3,5-Trimethylbenzene	21.754	105	1198855	9.45	ppbv		93
69) tert-Butylbenzene	22.520	119	1356479	9.52	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.590	105	1237015	9.65	ppbv	#	87
71) sec-Butylbenzene	22.989	105	1869113	9.84	ppbv	#	100
72) p-Isopropyltoluene	23.253	119	1545190	9.85	ppbv	#	100
73) 1,3-Dichlorobenzene	23.420	146	692844	9.98	ppbv		99
74) 1,4-Dichlorobenzene	23.613	146	648916	9.82	ppbv		99
75) Benzyl chloride	23.758	126	184634	10.56	ppbv	#	1
76) n-Butylbenzene	24.050	91	1456713	10.80	ppbv	#	90
77) 1,2-Dichlorobenzene	24.311	146	695931	9.91	ppbv		99
78) 1,2,4-Trichlorbenzene	27.053	180	269911	7.81	ppbv		96
79) Hexachlorobutadiene	27.327	225	698670	9.69	ppbv		97
80) Naphthalene	27.446	128	898056	9.02	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\2026\1-JAN\013026\
Data File : TV034958.D
Acq On : 30 Jan 2026 11:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3091525A
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Jan 30 12:15:21 2026
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration



BENCHSHEETS

SDG: 26A1103

CLASS: AIR

METHOD: EPA TO-15

PREPARATION BENCH SHEET : BA61722

Preparation Date: 01/30/2026 11:46

ALS Environmental - Stratford

Matrix: Air

Samples And QC:

Lab Number	Analysis	Canister Vacuum (in. Hg) upon receipt	Final Canister Press. (psig) Analysis	Q	Spike	Source ID	Comments
26A1103-01 A	Q_A_Volatile Organics, EPA TO15 Full List	-2.25	+6.12				
26A1103-02 A	Q_A_Volatile Organics, EPA TO15 Full List	-2.83	+5.75				
26A1103-03 A	Q_A_Volatile Organics, EPA TO15 Full List	-4.59	+4.63				
26A1103-04 A	Q_A_Volatile Organics, EPA TO15 Full List	-4.32	+4.35				
26A1103-05 A	Q_A_Volatile Organics, EPA TO15 Full List	-6.54	+5.18				
26A1103-05RE1 A	Q_A_Volatile Organics, EPA TO15 Full List	-6.54	+5.18				Added 2/2/2026 by BMC
26A1103-06 A	Q_A_Volatile Organics, EPA TO15 Full List	-2.47	+4.93				
26A1103-07 A	Q_A_Volatile Organics, EPA TO15 Full List	-1.01	+5.36				
26A1103-08 A	Q_A_Volatile Organics, EPA TO15 Full List	-1.55	+5.14				
26A1103-09 A	Q_A_Volatile Organics, EPA TO15 Full List	-2.07	+5.89				
26A1103-10 A	Q_A_Volatile Organics, EPA TO15 Full List	-0.19	+5.21				
BA61722-BLK1	Q_A_Volatile Organics, EPA TO15 Full List						
BA61722-BS1	Q_A_Volatile Organics, EPA TO15 Full List				S26A024		

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26A024	TO15 AIR LCS/ICV @ 10 ppbv STATIC with ISO	120225	400

Surrogate

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26A172	TO15 AIR SURR @10 PPBV STATIC	1621880_LL-104924	100

Preparations Performed by Yamilex Ramos **Date:** **01/12/2026 14:07**

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

YORK Project No. 26A1103

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVEDI, DPC	Company: SAME	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address:	Address:	YOUR Project Name: 33 EAST MAIN STREET PAWLING, NY	RUSH - Two Day
Phone: 845-454-2544	Phone:	Phone:		RUSH - Three Day
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVEDI-AE.COM	E-mail: SAMBROSE@PVEDI-AE.COM	E-mail: TALVARADO@PVEDI-AE.COM	YOUR PO#: 20240302	RUSH - Five Day
				Standard (6-9 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print AND sign your name)

Air Matrix Codes

AI: Indoor Ambient Air
AO: Outdoor Amb. Air
AE: Vapor Extraction Well Process Gas/Effluent
AS: Soil Vapor/Sub-Slab

Samples From		Report / EDD Type (circle selections)		
New York	X	(Summary Report)	CT RCP	Standard Excel EDD
New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)
Connecticut		NY ASP A Package	NJDEP Reduced	(NYSDEC EQuIS)
Pennsylvania		(NY ASP B Package)	Deliverables	NJDEP SRP HazSite
Other:			NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sample Start	Sample End	Matrix	Canister Vacuum (inHg) Before	Canister Vacuum (inHg) After	Canister ID #	Flow Cont. ID #	Canister Size (L)	Analysis Requested
SSV-1 20260122	1-22-26 0851	1713	AS	-30"	-4"	20942	17988		VOCs VIA USEPA
AI-1 20260122	0851	1713	AI	-30"	-4"	49565	22303		METHOD TO-15
SSV-2 20260122	0848	1617	AS	-29"	-3"	18304	17895		
AI-2 20260122	0848	1609	AI	-29"	-3"	48313	22309		
SSV-3 20260122	0759	1704	AS	-30"	-7"	48314	22304		
AI-3 20260122	0759	1554	AI	-27"	-2"	48302	19420		
SSV-4 20260122	0806	1550	AS	-30"	-3"	43003	20436		
AI-4 20260122	0806	1622	AI	-30"	-3"	43002	19401		
SSV-5 20260122	0803	1602	AS	-30"	-3"	41932	20950		
AI-5 20260122	0803	1708	AI	-30+"	-4"	18308	21020		

Comments:

Container Ship Date:

Detection Limits Required

≤ 1 ug/m3 _____ NYSDEC V1 Limits _____

Routine Survey _____ Other _____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
PVEDI	1-23-26 9:50	Chris C	1-23-26 9:50	Chris C	1-23-26 1550
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[illegible]	1/23/26 15:50	[illegible]	1/23/26	[illegible]	1-23-26 21:19
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date / Time Temperature
[illegible]	1-23-26 23:28			[illegible]	1/27/26 10:00 Degrees C

319

Air Sampling Media Request Form

Canister Order No.: 12191

132-02 89th Avenue
Richmond Hill, NY 11418
TEL: 203-325-1371

Alt Ord No.: 1179774
Order Date: 01/05/2026
Requested By: Rachel.Driesen

Client **PVE**
Address 48 Springside Avenue
Poughkeepsie,NY 12603
Phone 845-454-2544

Client Contact: Anthony Spadavecchia
Hardware Needed: 01/09/2026 pm
Expected Return Date: 01/23/2026 15:50
Ship Date:

Delivery Method
York Courier

Drop of Address
D/O at Poughkeepsie Office

Special Instructons:

Type of Sample

Type	Size	Technique	Flow Rate	Sample Time(hr)	Quantity	IndivCert	Digital Gauge
Canister	6	RestrictedSampling		8	12	NO	NO

Hardware Details

Lab Number	Type	Serial #	Description	Cert Batch No.	Out Flow Rate (ml/min)	Return Flow Rate (ml/min)	Flow RPD
26A1103-01	**6**	**20942**	**Canister**	**13734**			
26A1103-01	**CS1200E**	**17988**	**FlowController**		**10.8**	**10.9**	**0.92**
26A1103-02	**6**	**49565**	**Canister**	**13712**			
26A1103-02	**CS1200E**	**22303**	**FlowController**		**10.8**	**10.6**	**1.87**
26A1103-03	**6**	**18304**	**Canister**	**13706**			
26A1103-03	**CS1200E**	**17895**	**FlowController**		**10.8**	**11.4**	**5.41**
26A1103-04	**6**	**48313**	**Canister**	**13734**			
26A1103-04	**CS1200E**	**22309**	**FlowController**		**10.8**	**11.4**	**5.41**
26A1103-05	**6**	**48314**	**Canister**	**13732**			
26A1103-05	**CS1200E**	**22304**	**FlowController**		**10.8**	**10.6**	**1.87**
26A1103-06	**6**	**48302**	**Canister**	**13752**			
26A1103-06	**CS1200ES4**	**19420**	**FlowController**		**10.8**	**10.8**	**0.00**
26A1103-07	**6**	**43003**	**Canister**	**13706**			
26A1103-07	**CS1200E**	**20436**	**FlowController**		**10.8**	**12.1**	**11.35**
26A1103-08	**6**	**43002**	**Canister**	**13734**			
26A1103-08	**CS1200ES4**	**19401**	**FlowController**		**10.8**	**11**	**1.83**
26A1103-09	**6**	**41932**	**Canister**	**13732**			
26A1103-09	**CS1200E**	**20950**	**FlowController**		**10.8**	**10.7**	**0.93**
26A1103-10	**6**	**18308**	**Canister**	**13745**			
26A1103-10	**CS1200E**	**21020**	**FlowController**		**10.8**	**11.5**	**6.28**
NotUsedByClient	6	15522	Canister	13710			
NotUsedByClient	6	50292	Canister	13734			
NotUsedByClient	CS1200E	20920	FlowController		10.8		
NotUsedByClient	CS1200E	22314	FlowController		10.8		
	6		Canister				

Air Laboratory Bench Sheet

Batch BA61722 **Prepared** 01/07/2026 12:13

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
12191	26A1103-01	20942	-4.00	-4.00	-2.25 InHg	6.12	1.53	400	1.00	1.53	13734
12191	26A1103-02	49565	-4.00	-3.00	-2.83 InHg	5.75	1.54	750	0.53	0.82	13712
12191	26A1103-03	18304	-3.00	-3.00	-4.59 InHg	4.63	1.55	400	1.00	1.55	13706
12191	26A1103-04	48313	-3.00	-3.00	-4.32 InHg	4.35	1.51	750	0.53	0.81	13734
12191	26A1103-05	48314	-7.00	-6.00	-6.54 InHg	5.18	1.73	400	1.00	1.73	13732
12191	26A1103-06	48302	-2.00	-2.00	-2.47 InHg	4.93	1.46	750	0.53	0.78	13752
12191	26A1103-07	43003	-3.00	-3.00	-1.01 InHg	5.36	1.41	400	1.00	1.41	13706
12191	26A1103-08	43002	-3.00	-2.00	-1.55 InHg	5.14	1.42	750	0.53	0.76	13734
12191	26A1103-09	41932	-3.00	-3.00	-2.07 InHg	5.89	1.50	400	1.00	1.50	13732
12191	26A1103-10	18308	-4.00	-3.00	-0.19 InHg	5.21	1.36	750	0.53	0.73	13745

Air Laboratory Batch Certfication Report
Canister Order No.(s): 12191

Cleaning Batch: 13706

12/12/2025 7:20:00 PM

Cert Run Analysis Date: 12/12/25 19:20 **Certification RunID:** TO15_AIR3_BK51207 **Analyst:** Luis
Certifiction Date: 12/16/25 **Cert Run File:** TV034133.D **Heating Unit:** OVEN 3
Prep Date: 12/05/25 09:16 **Method Blank SN:** 50986 **Cleaning Cycles:** 7

Can			Leak Check					
Lab#	Serial #	Vol	InitalP	Date/Time	FinalP	Date/Time	Analyzed	Pass
26A1103-03	18304	6	-30.00	12/08/25 07:31	-30.00	12/17/25 09:16	NO	YES
26A1103-07	43003	6	-30.00	12/08/25 07:31	-30.00	12/17/25 09:16	NO	YES
QBS	48294	6	-30.00	12/08/25 07:31	-30.00	12/17/25 09:16	YES	YES

Cleaning Batch: 13712

12/17/2025 8:52:00 PM

Cert Run Analysis Date: 12/17/25 20:52 **Certification RunID:** TO15_AIR3_BK51207 **Analyst:** Luis
Certifiction Date: 12/18/25 **Cert Run File:** TV034205.D **Heating Unit:** OVEN 3
Prep Date: 12/08/25 11:42 **Method Blank SN:** 50986 **Cleaning Cycles:** 7

Can			Leak Check					
Lab#	Serial #	Vol	InitalP	Date/Time	FinalP	Date/Time	Analyzed	Pass
26A1103-02\QBS	49565	6	-30.00	12/09/25 09:21	-30.00	12/18/25 15:12	YES	YES

Cleaning Batch: 13732

12/19/2025 3:22:00 PM

Cert Run Analysis Date: 12/19/25 15:22 **Certification RunID:** TO15_AIR3_BL51827 **Analyst:** Madison
Certifiction Date: 12/22/25 **Cert Run File:** TV034258.D **Heating Unit:** 4
Prep Date: 12/15/25 09:23 **Method Blank SN:** 50986 **Cleaning Cycles:** 7

Can			Leak Check					
Lab#	Serial #	Vol	InitalP	Date/Time	FinalP	Date/Time	Analyzed	Pass
26A1103-05	48314	6	-30.00	12/16/25 09:41	-30.00	12/22/25 10:07	NO	YES
26A1103-09	41932	6	-30.00	12/16/25 09:41	-30.00	12/22/25 10:07	NO	YES
QBS	48297	6	-30.00	12/16/25 09:41	-30.00	12/22/25 10:07	YES	YES

Cleaning Batch: 13734

12/19/2025 4:08:00 PM

Cert Run Analysis Date: 12/19/25 16:08 **Certification RunID:** TO15_AIR3_BL51827 **Analyst:** Madison
Certifiction Date: 12/22/25 **Cert Run File:** TV034259.D **Heating Unit:** 3
Prep Date: 12/15/25 10:47 **Method Blank SN:** 50986 **Cleaning Cycles:** 7

Can			Leak Check					
Lab#	Serial #	Vol	InitalP	Date/Time	FinalP	Date/Time	Analyzed	Pass
26A1103-01	20942	6	-30.00	12/16/25 09:39	-30.00	12/22/25 10:07	NO	YES
26A1103-04	48313	6	-30.00	12/16/25 09:39	-30.00	12/22/25 10:07	NO	YES
26A1103-08	43002	6	-30.00	12/16/25 09:39	-30.00	12/22/25 10:07	NO	YES
QBS	49991	6	-30.00	12/16/25 09:39	-30.00	12/22/25 10:07	YES	YES

Cleaning Batch: 13745

12/25/2025 4:38:00 AM

Cert Run Analysis Date: 12/25/25 04:38 **Certification RunID:** TO15_AIR3_BL51827 **Analyst:** HEngelmeyer
Certifiction Date: 12/30/25 **Cert Run File:** TV034367.D **Heating Unit:** 2
Prep Date: 12/17/25 09:30 **Method Blank SN:** 50986 **Cleaning Cycles:** 7

Can			Leak Check					
Lab#	Serial #	Vol	InitalP	Date/Time	FinalP	Date/Time	Analyzed	Pass
26A1103-10	18308	6	-30.00	12/18/25 12:57	-30.00	12/30/25 13:01	NO	YES
QBS	50206	6	-30.00	12/18/25 12:57	-30.00	12/30/25 13:01	YES	YES

Air Laboratory Batch Certfication Report
Canister Order No.(s): 12191

Cleaning Batch: 13752 12/29/2025 3:52:00 PM

Cert Run Analysis Date:	12/29/25 15:52	**Certification RunID:**	TO15_AIR3_BL51827	**Analyst:**	Madison
Certifiction Date:	01/05/26	**Cert Run File:**	TV034387.D	**Heating Unit:**	4
Prep Date:	12/19/25 09:43	**Method Blank SN:**	50986	**Cleaning Cycles:**	7

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
26A1103-06	48302	6	-30.00	12/22/25 08:05	-30.00	01/05/26 14:06	NO	YES
QBS	41938	6	-30.00	12/22/25 08:05	-30.00	01/05/26 14:06	YES	YES

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13706
Lims Batch ID: BK51207
Instrument: TO15_AIR3
File Id: BK51207-BLKR
Analysis: EPA TO-15

Can Serial No.: 48294
Analyst: YR
Analysis Date: 12/12/25 19:20
File Id: TV034133.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13706
Lims Batch ID: BK51207
Instrument: TO15_AIR3
File Id: BK51207-BLKR
Analysis: EPA TO-15

Can Serial No.: 48294
Analyst: YR
Analysis Date: 12/12/25 19:20
File Id: TV034133.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121225\
Data File : TV034133.D
Acq On : 12 Dec 2025 07:20 pm
Operator : YR
Sample : BK51207-BLKR
Misc : QBTO3091525A QBS 13706
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

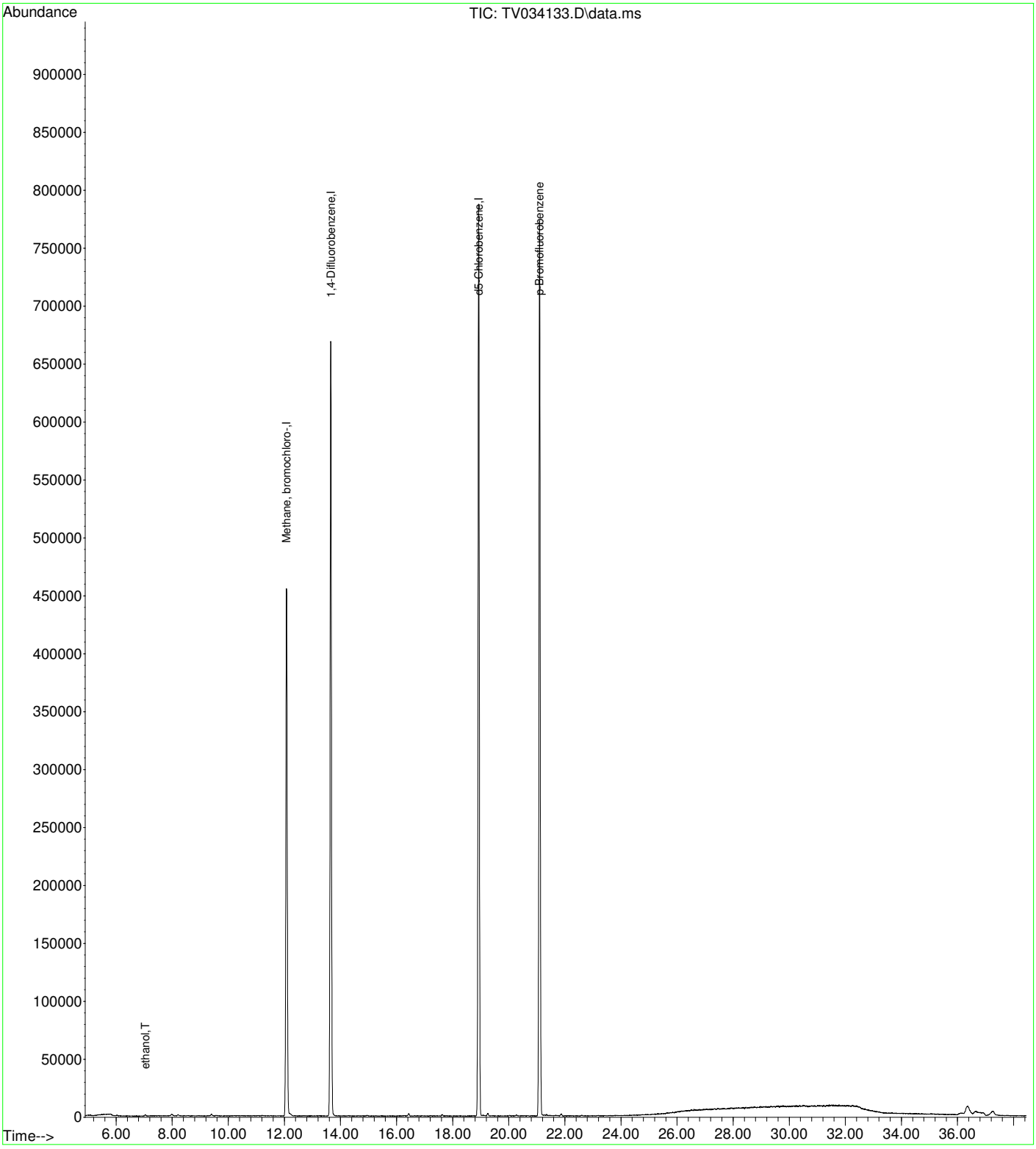
Quant Time: Dec 15 09:33:58 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

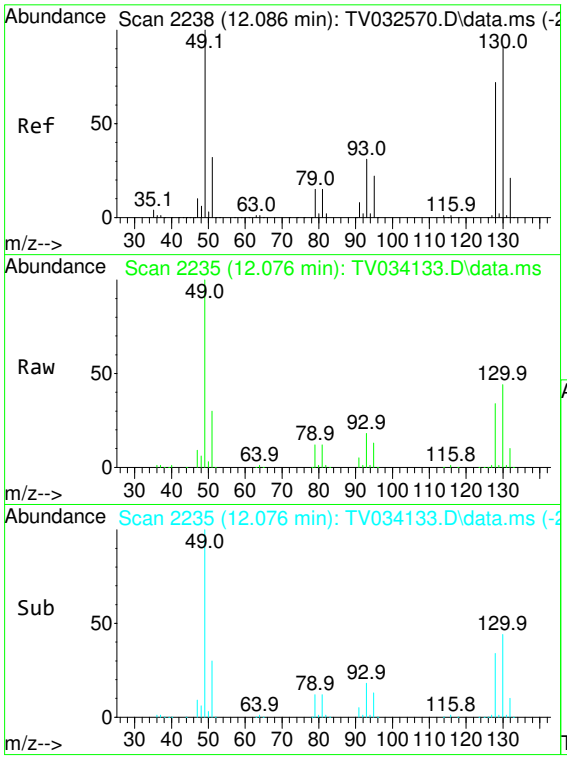
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.076	49	497425	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.655	114	804543	10.00	ppbv	-0.03
55) d5-Chlorobenzene	18.925	117	705458	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.041	45	1980	0.12	ppbv	92
66) p-Bromofluorobenzene	21.095	95	457849	8.83	ppbv	90

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121225\
Data File : TV034133.D
Acq On : 12 Dec 2025 07:20 pm
Operator : YR
Sample : BK51207-BLKR
Misc : QBTO3091525A QBS 13706
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 15 09:33:58 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

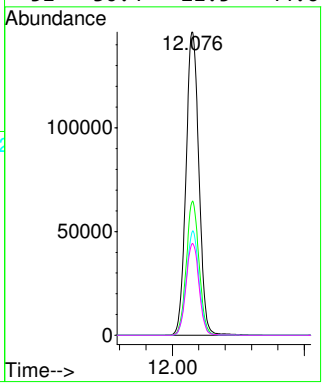


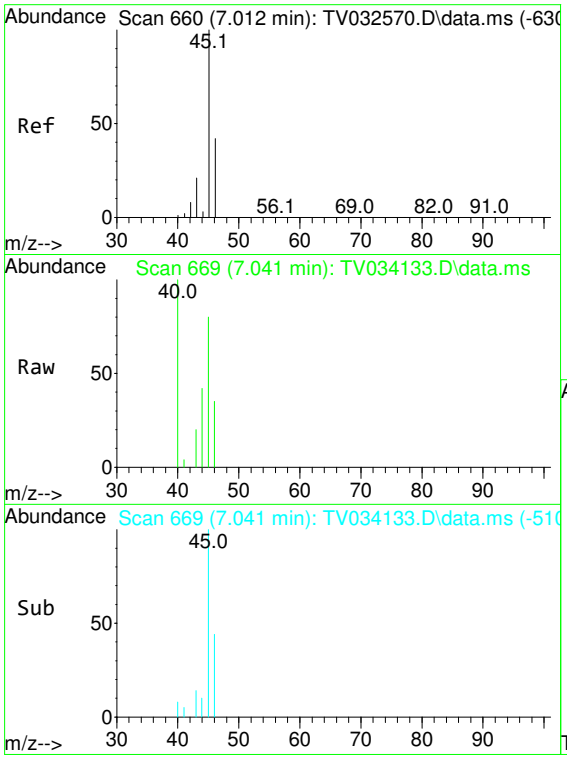


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2235
Delta R.T. -0.035 min
Lab File: TV034133.D
Acq: 12 Dec 2025 07:20 pm

Tgt Ion: 49 Resp: 497425

Ion	Ratio	Lower	Upper
49	100		
130	43.8	44.5	92.3#
128	33.8	34.7	72.1#
51	30.4	21.5	44.6

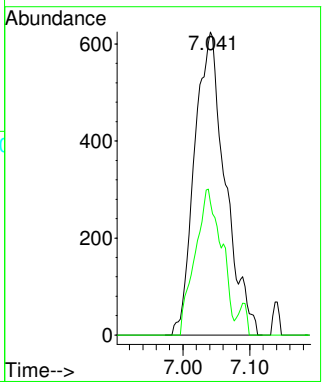


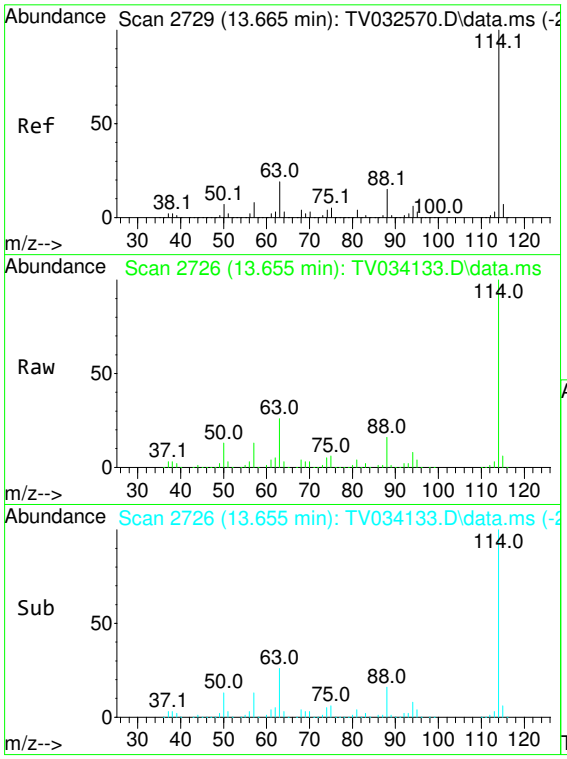


#10
ethanol
Concen: 0.12 ppbv
RT: 7.041 min Scan# 669
Delta R.T. 0.010 min
Lab File: TV034133.D
Acq: 12 Dec 2025 07:20 pm

Tgt Ion: 45 Resp: 1980

Ion	Ratio	Lower	Upper
45	100		
46	44.6	40.0	60.0

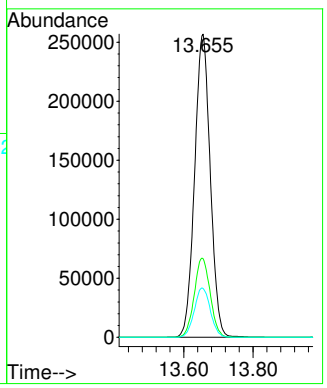


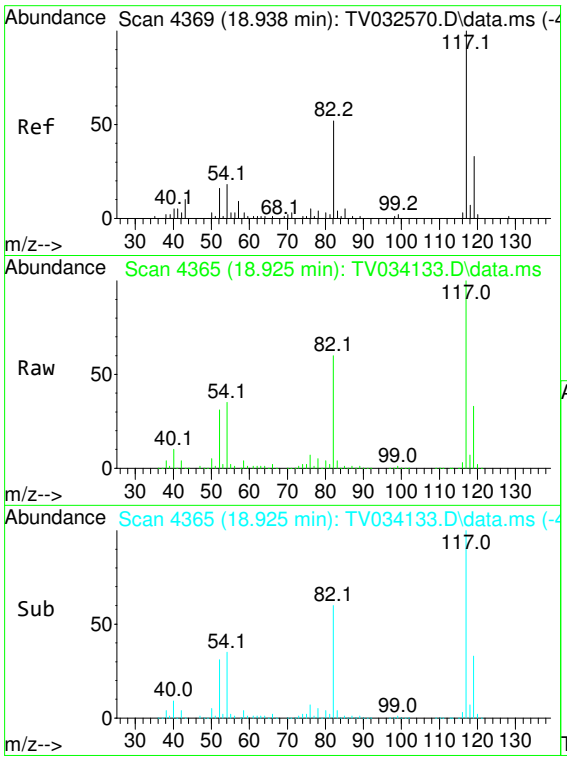


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.655 min Scan# 2726
Delta R.T. -0.034 min
Lab File: TV034133.D
Acq: 12 Dec 2025 07:20 pm

Tgt Ion:114 Resp: 804543

Ion	Ratio	Lower	Upper
114	100		
63	26.7	14.0	29.2
88	16.8	11.2	23.2

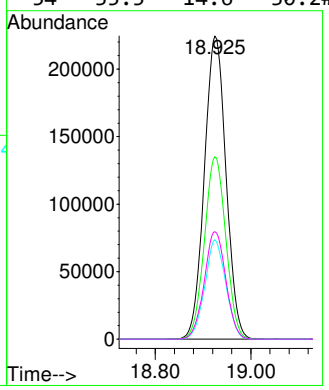


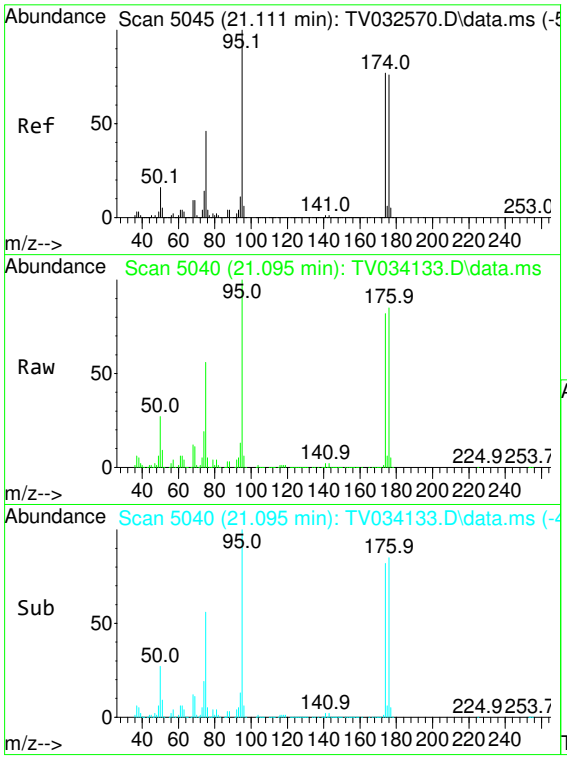


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034133.D
Acq: 12 Dec 2025 07:20 pm

Tgt Ion:117 Resp: 705458

Ion	Ratio	Lower	Upper
117	100		
82	59.6	38.7	80.5
119	32.0	20.3	42.3
54	35.5	14.6	30.2#

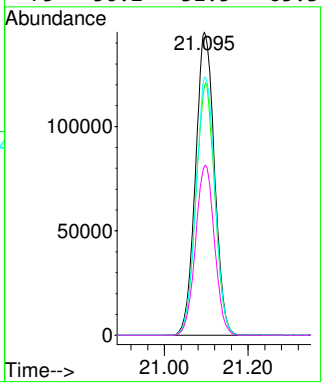




#66
p-Bromofluorobenzene
Concen: 8.83 ppbv
RT: 21.095 min Scan# 5040
Delta R.T. -0.040 min
Lab File: TV034133.D
Acq: 12 Dec 2025 07:20 pm

Tgt Ion: 95 Resp: 457849

Ion	Ratio	Lower	Upper
95	100		
174	82.8	50.0	103.8
176	85.3	48.2	100.2
75	56.2	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13712
Lims Batch ID: BK51207
Instrument: TO15_AIR3
File Id: BK51207-BLKT
Analysis: EPA TO-15

Can Serial No.: 49565
Analyst: YR
Analysis Date: 12/17/25 20:52
File Id: TV034205.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13712
Lims Batch ID: BK51207
Instrument: TO15_AIR3
File Id: BK51207-BLKT
Analysis: EPA TO-15

Can Serial No.: 49565
Analyst: YR
Analysis Date: 12/17/25 20:52
File Id: TV034205.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121725\
Data File : TV034205.D
Acq On : 17 Dec 2025 08:52 pm
Operator : YR
Sample : BK51207-BLKT
Misc : QBTO3091525A QBS 13712
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

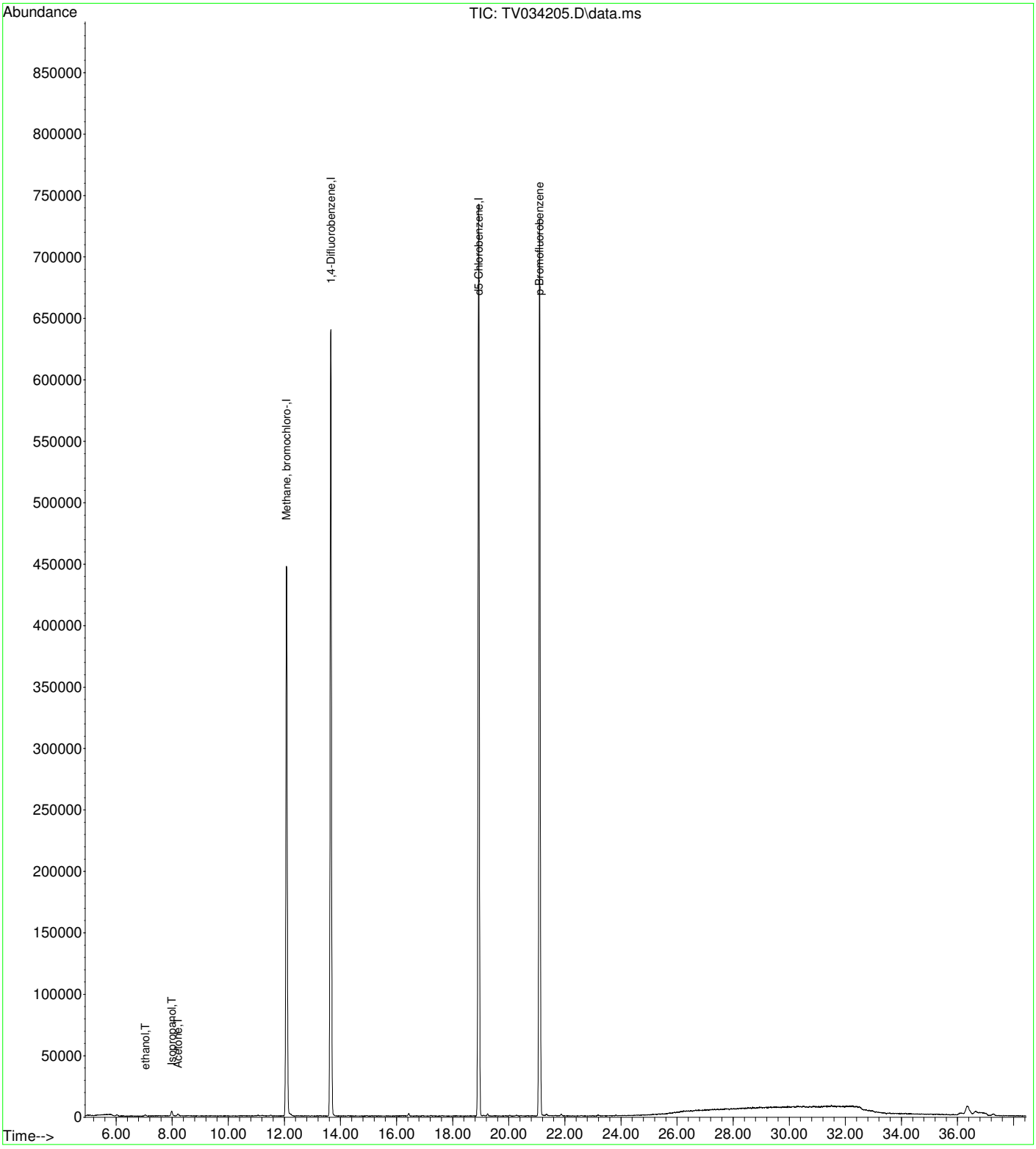
Quant Time: Dec 18 08:51:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

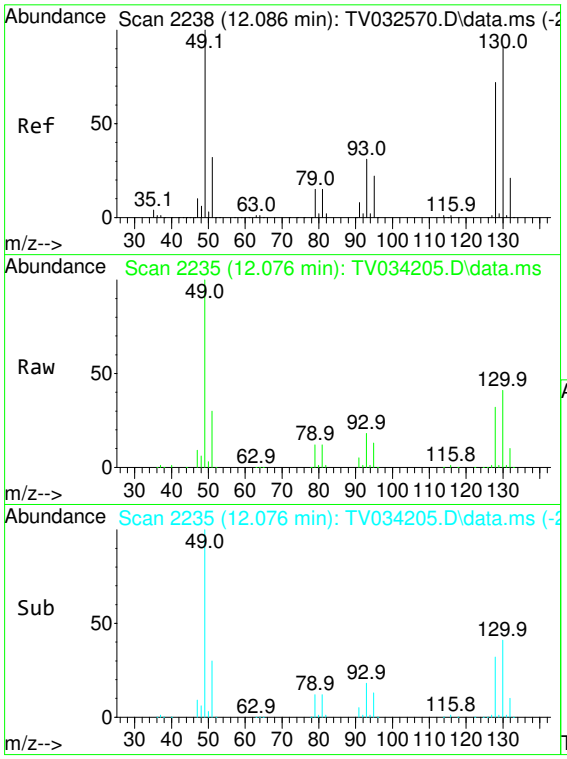
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.076	49	493280	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.655	114	772274	10.00	ppbv	-0.03
55) d5-Chlorobenzene	18.925	117	667579	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.041	45	2068	0.12	ppbv	# 84
13) Isopropanol	7.983	45	10072	0.15	ppbv	# 99
15) Acetone	8.202	43	3758	0.07	ppbv	87
66) p-Bromofluorobenzene	21.095	95	425040	8.67	ppbv	90

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121725\
Data File : TV034205.D
Acq On : 17 Dec 2025 08:52 pm
Operator : YR
Sample : BK51207-BLKT
Misc : QBTO3091525A QBS 13712
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 18 08:51:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

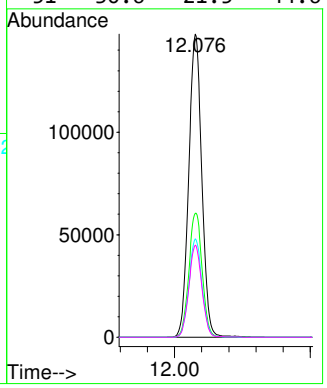


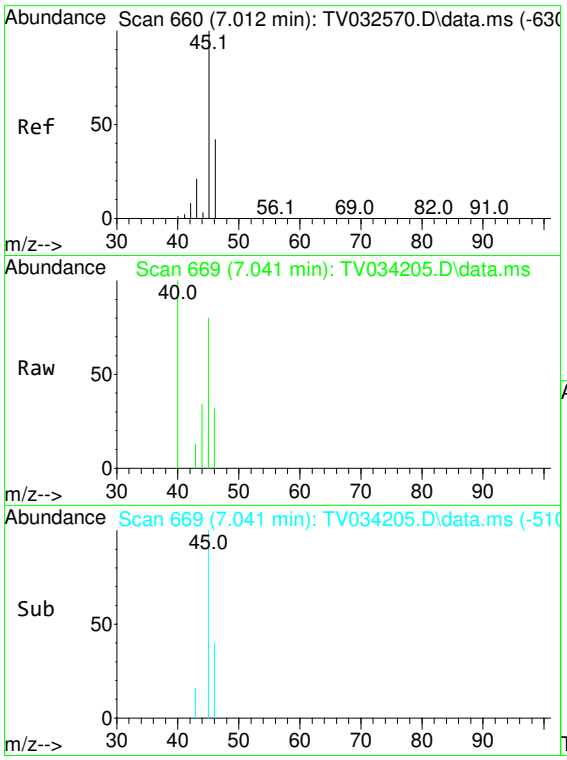


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2235
Delta R.T. -0.035 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion: 49 Resp: 493280

Ion	Ratio	Lower	Upper
49	100		
130	41.7	44.5	92.3#
128	32.5	34.7	72.1#
51	30.6	21.5	44.6

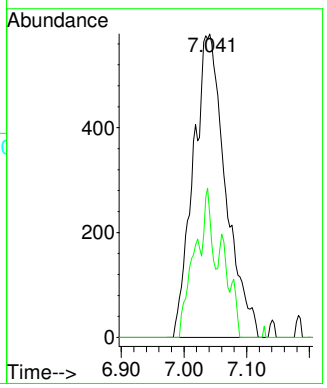


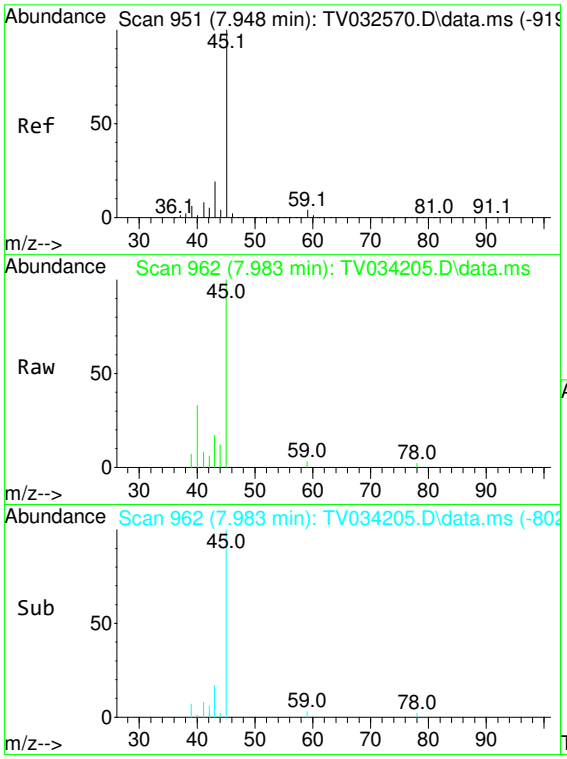


#10
ethanol
Concen: 0.12 ppbv
RT: 7.041 min Scan# 669
Delta R.T. 0.010 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion: 45 Resp: 2068

Ion	Ratio	Lower	Upper
45	100		
46	38.9	40.0	60.0#

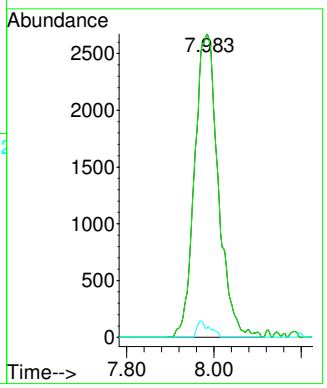


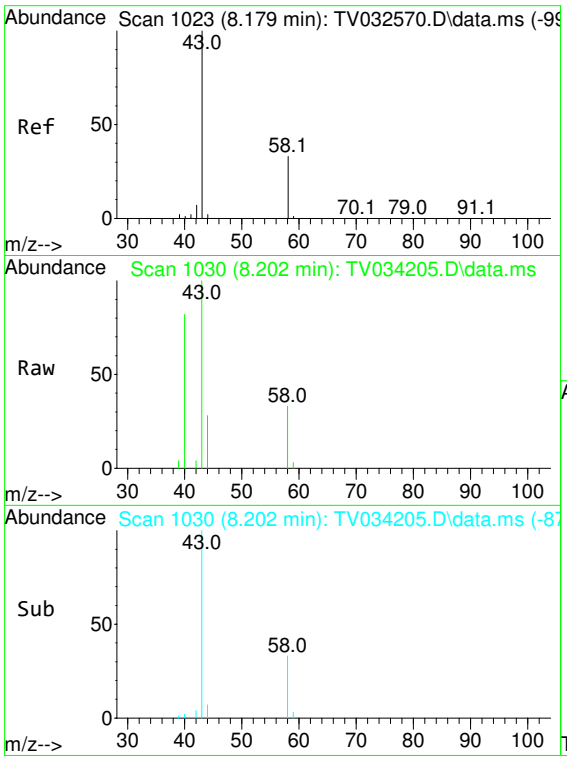


#13
Isopropanol
Concen: 0.15 ppbv
RT: 7.983 min Scan# 962
Delta R.T. 0.014 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion: 45 Resp: 10072

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

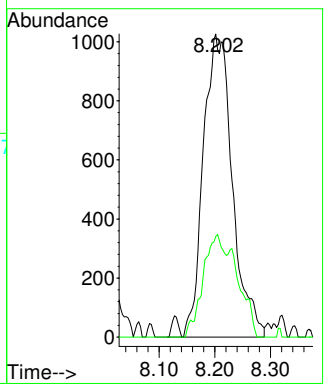


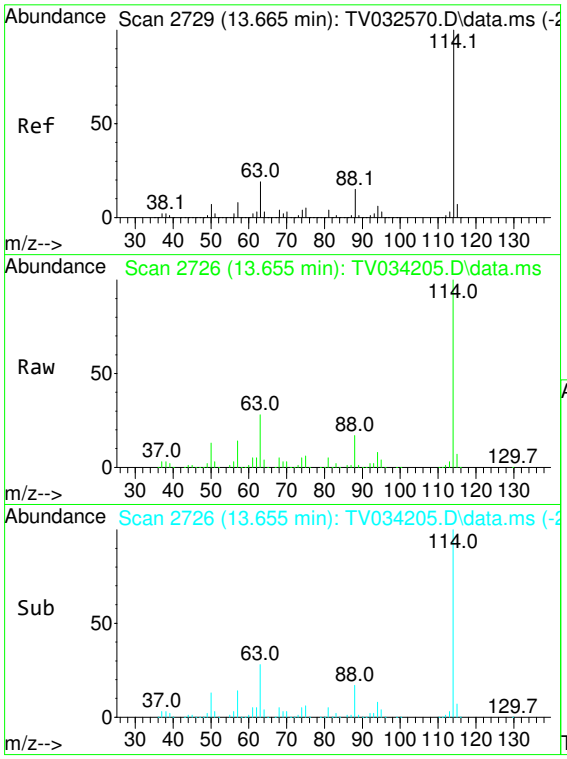


#15
Acetone
Concen: 0.07 ppbv
RT: 8.202 min Scan# 1030
Delta R.T. 0.001 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion: 43 Resp: 3758

Ion	Ratio	Lower	Upper
43	100		
58	39.0	20.7	42.9

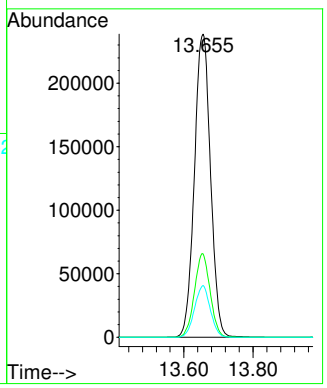


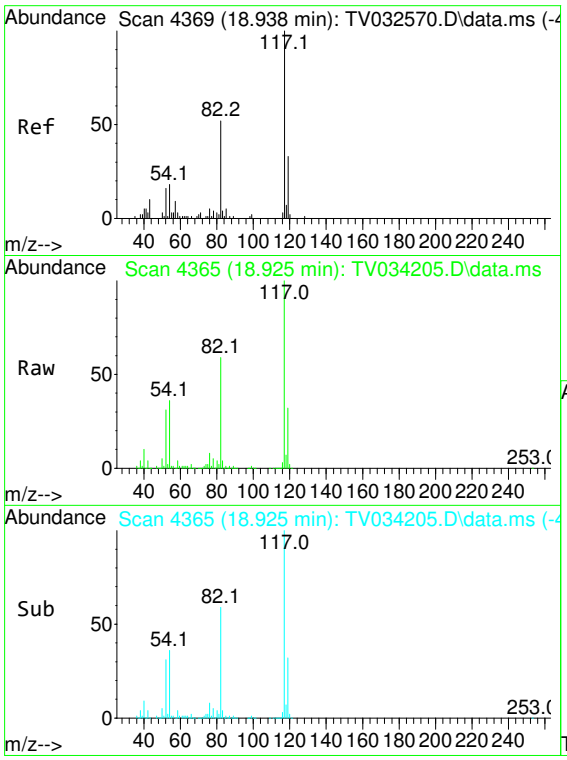


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.655 min Scan# 2726
Delta R.T. -0.034 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion:114 Resp: 772274

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.7	11.2	23.2

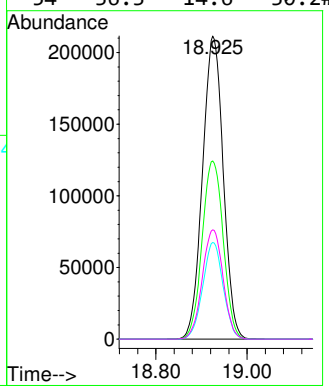


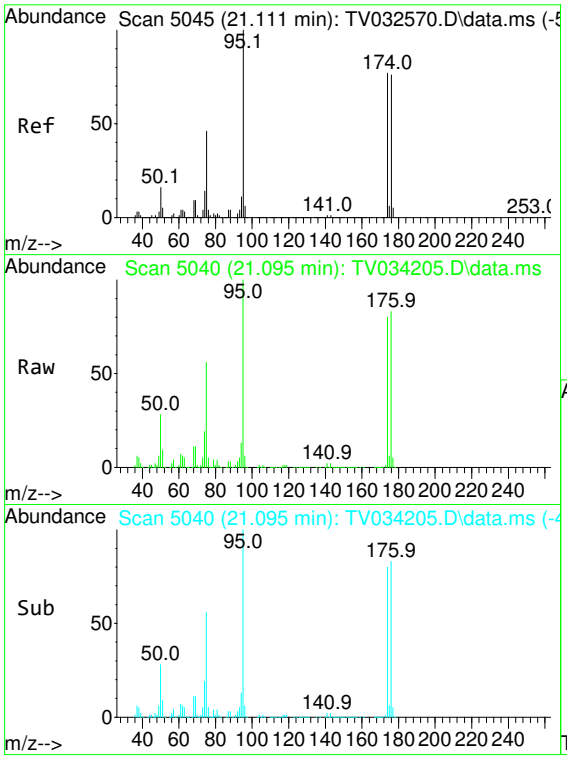


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion:117 Resp: 667579

Ion	Ratio	Lower	Upper
117	100		
82	60.0	38.7	80.5
119	31.6	20.3	42.3
54	36.3	14.6	30.2#

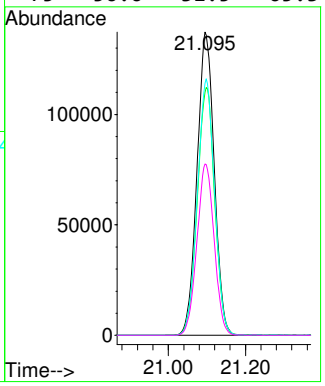




#66
p-Bromofluorobenzene
Concen: 8.67 ppbv
RT: 21.095 min Scan# 5040
Delta R.T. -0.040 min
Lab File: TV034205.D
Acq: 17 Dec 2025 08:52 pm

Tgt Ion: 95 Resp: 425040

Ion	Ratio	Lower	Upper
95	100		
174	82.7	50.0	103.8
176	84.5	48.2	100.2
75	56.6	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13732
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK1
Analysis: EPA TO-15

Can Serial No.: 48297
Analyst: YR
Analysis Date: 12/19/25 15:22
File Id: TV034258.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
ISTD: 1,4-Difluorobenzene	10	ppbv		ug/m3		ppbv
ISTD: Bromochloromethane	10	ppbv		ug/m3		ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13732
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK1
Analysis: EPA TO-15

Can Serial No.: 48297
Analyst: YR
Analysis Date: 12/19/25 15:22
File Id: TV034258.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
ISTD: d5-Chlorobenzene	10	ppbv		ug/m3		ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121925\
Data File : TV034258.D
Acq On : 19 Dec 2025 03:22 pm
Operator : YR
Sample : BL51827-BLK1
Misc : QBTO3091525A 1X QBS 13732
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

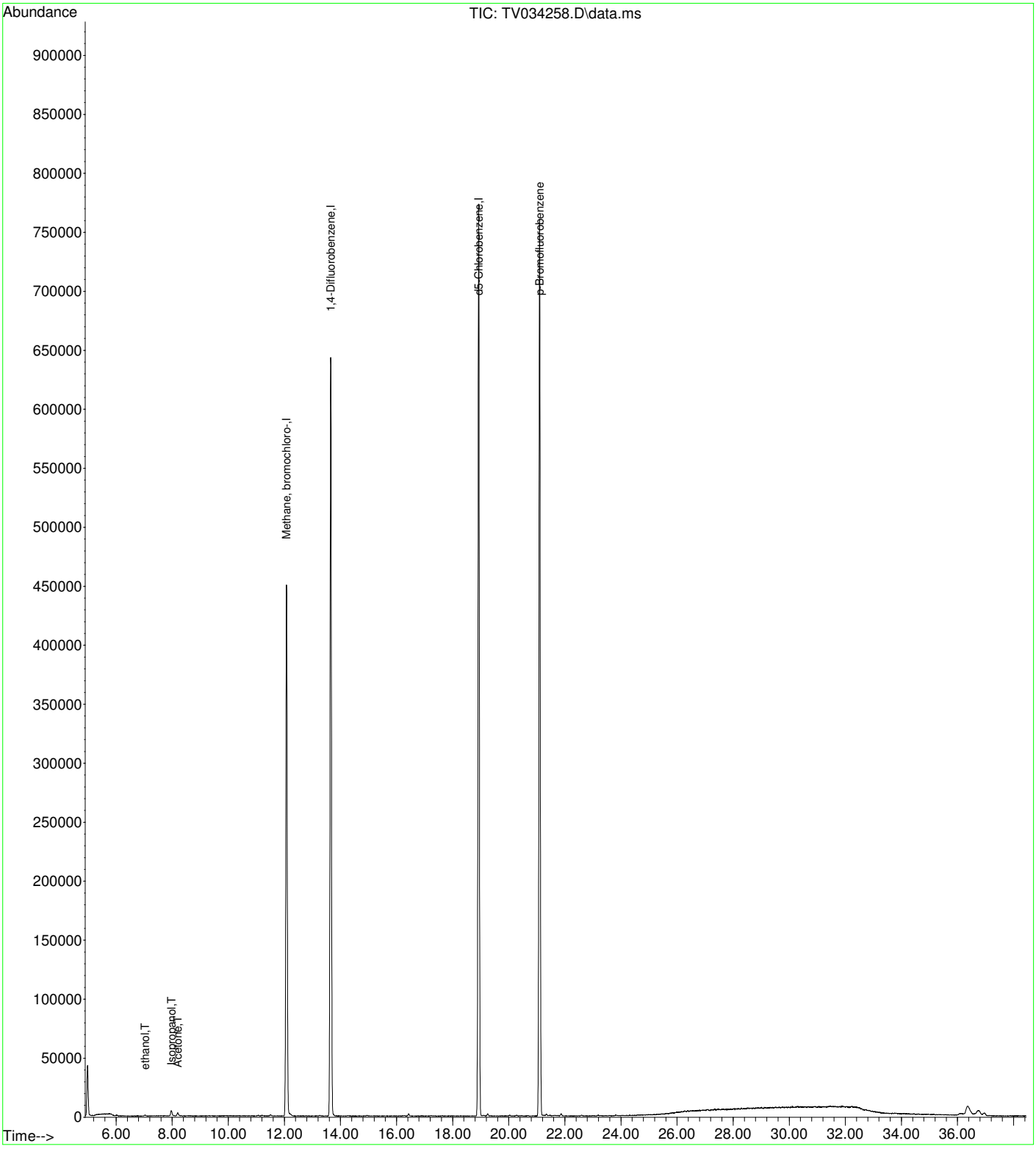
Quant Time: Dec 19 16:18:34 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

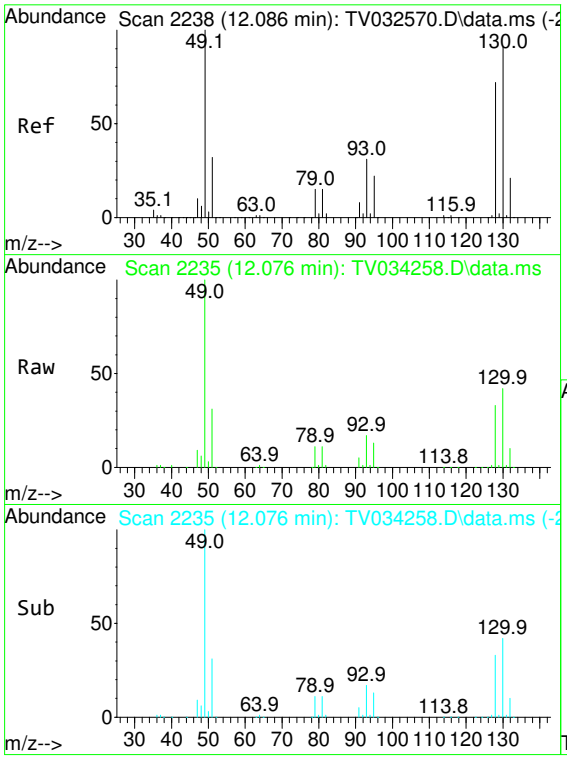
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.076	49	490553	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.652	114	783742	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.925	117	694050	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.035	45	1730	0.10	ppbv	# 82
13) Isopropanol	7.970	45	11153	0.16	ppbv	# 99
15) Acetone	8.195	43	6216	0.12	ppbv	98
66) p-Bromofluorobenzene	21.098	95	448205	8.79	ppbv	91

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121925\
Data File : TV034258.D
Acq On : 19 Dec 2025 03:22 pm
Operator : YR
Sample : BL51827-BLK1
Misc : QBTO3091525A 1X QBS 13732
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 19 16:18:34 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

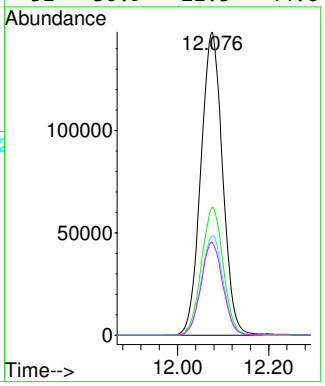


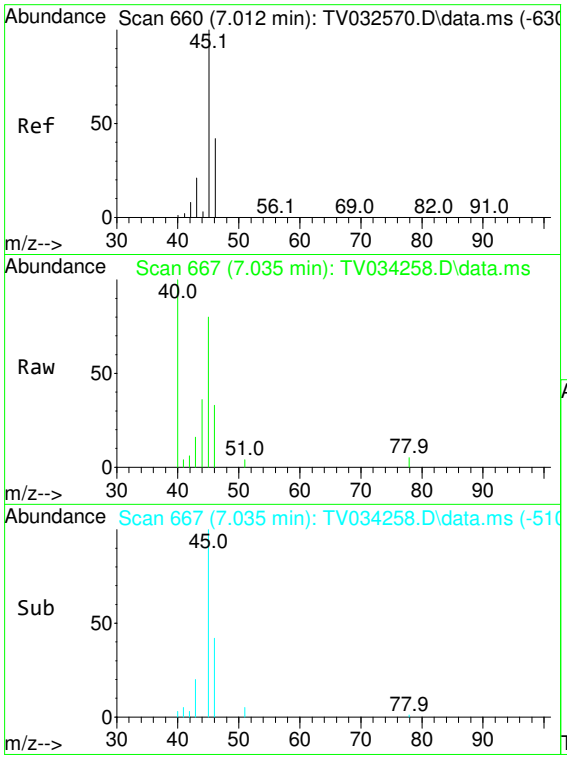


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2235
Delta R.T. -0.035 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion: 49 Resp: 490553

Ion	Ratio	Lower	Upper
49	100		
130	42.4	44.5	92.3#
128	33.3	34.7	72.1#
51	30.9	21.5	44.6

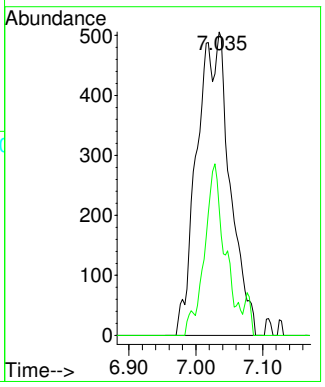


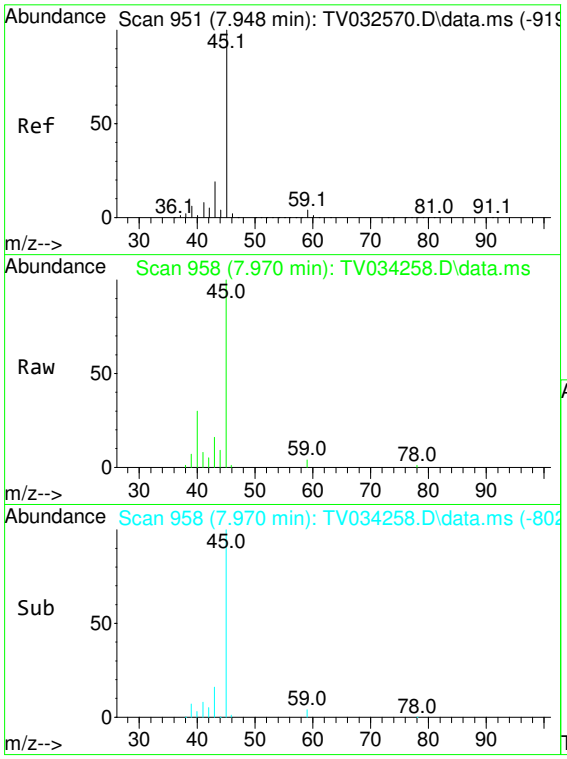


#10
ethanol
Concen: 0.10 ppbv
RT: 7.035 min Scan# 667
Delta R.T. 0.004 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion: 45 Resp: 1730

Ion	Ratio	Lower	Upper
45	100		
46	37.9	40.0	60.0#

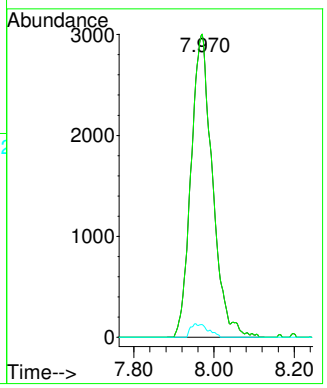


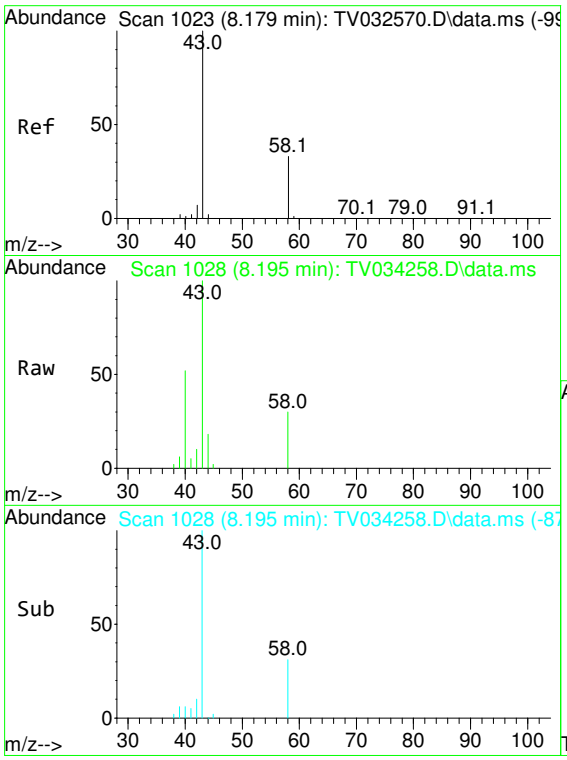


#13
Isopropanol
Concen: 0.16 ppbv
RT: 7.970 min Scan# 958
Delta R.T. 0.001 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion: 45 Resp: 11153

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

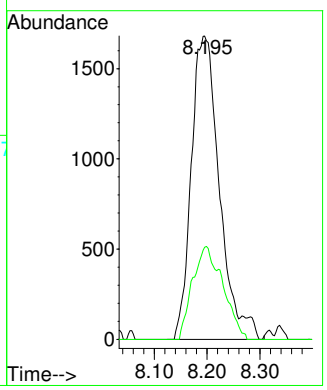


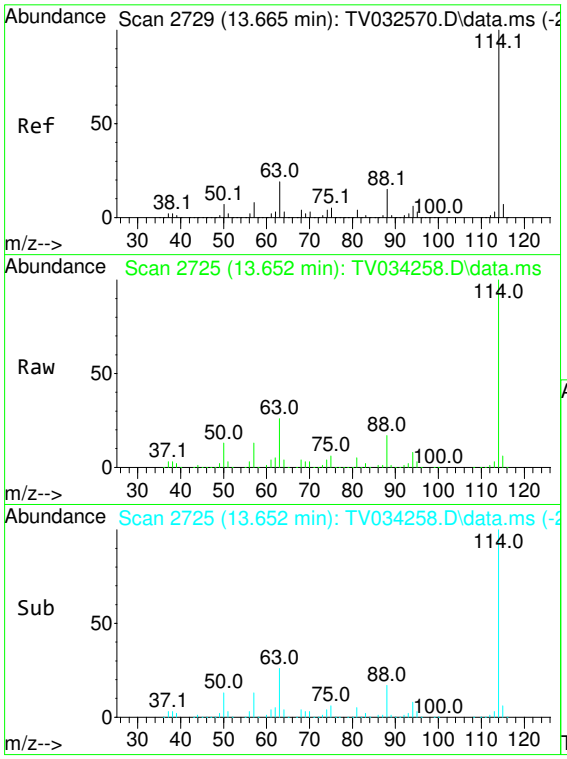


#15
Acetone
Concen: 0.12 ppbv
RT: 8.195 min Scan# 1028
Delta R.T. -0.006 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion: 43 Resp: 6216

Ion	Ratio	Lower	Upper
43	100		
58	33.1	20.7	42.9

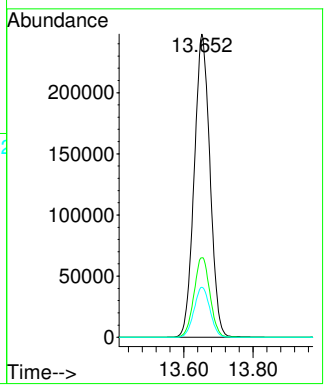


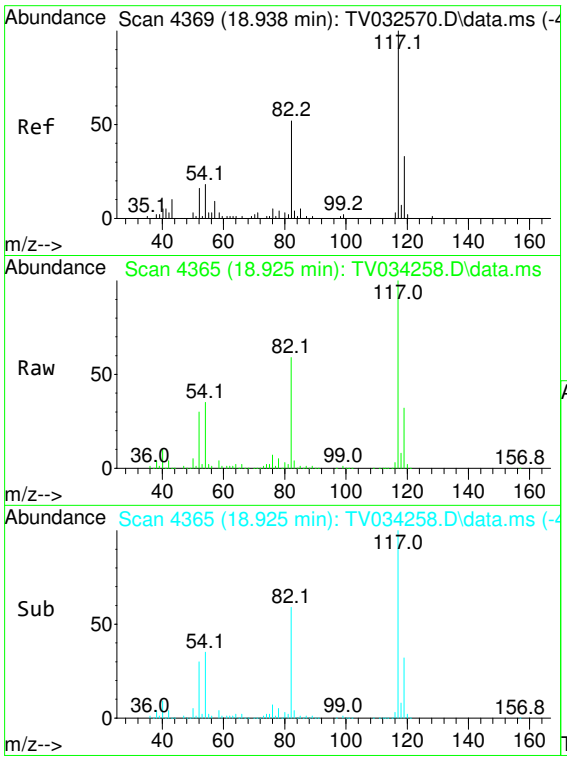


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.652 min Scan# 2725
Delta R.T. -0.037 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion:114 Resp: 783742

Ion	Ratio	Lower	Upper
114	100		
63	26.7	14.0	29.2
88	16.7	11.2	23.2

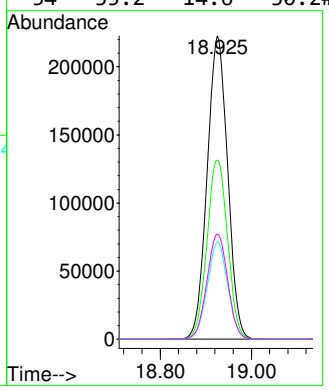


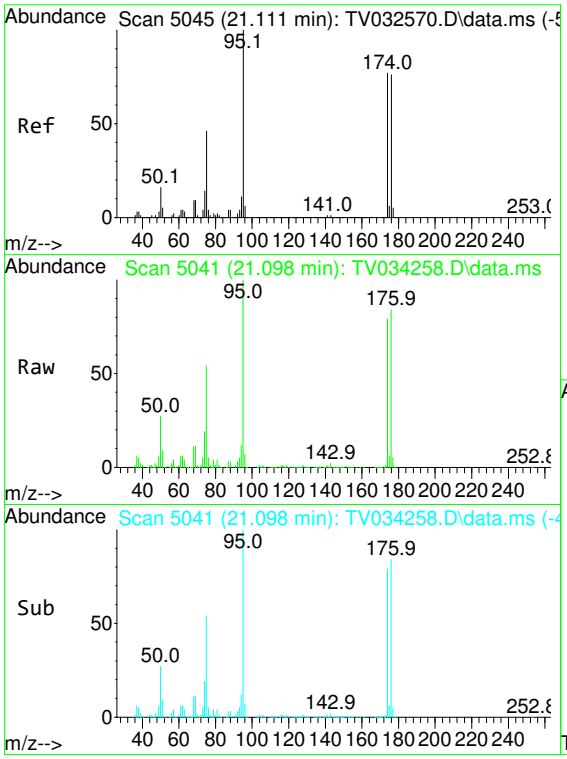


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion:117 Resp: 694050

Ion	Ratio	Lower	Upper
117	100		
82	59.7	38.7	80.5
119	32.1	20.3	42.3
54	35.2	14.6	30.2#

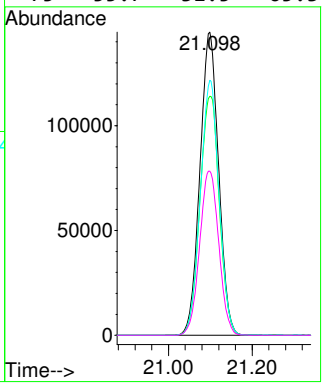




#66
p-Bromofluorobenzene
Concen: 8.79 ppbv
RT: 21.098 min Scan# 5041
Delta R.T. -0.037 min
Lab File: TV034258.D
Acq: 19 Dec 2025 03:22 pm

Tgt Ion: 95 Resp: 448205

Ion	Ratio	Lower	Upper
95	100		
174	82.2	50.0	103.8
176	84.5	48.2	100.2
75	55.7	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13734
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK2
Analysis: EPA TO-15

Can Serial No.: 49991
Analyst: YR
Analysis Date: 12/19/25 16:08
File Id: TV034259.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
ISTD: 1,4-Difluorobenzene	10	ppbv		ug/m3		ppbv
ISTD: Bromochloromethane	10	ppbv		ug/m3		ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13734
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK2
Analysis: EPA TO-15

Can Serial No.: 49991
Analyst: YR
Analysis Date: 12/19/25 16:08
File Id: TV034259.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
ISTD: d5-Chlorobenzene	10	ppbv		ug/m3		ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121925\
Data File : TV034259.D
Acq On : 19 Dec 2025 04:08 pm
Operator : YR
Sample : BL51827-BLK2
Misc : QBTO3091525A 1X QBS 13734
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

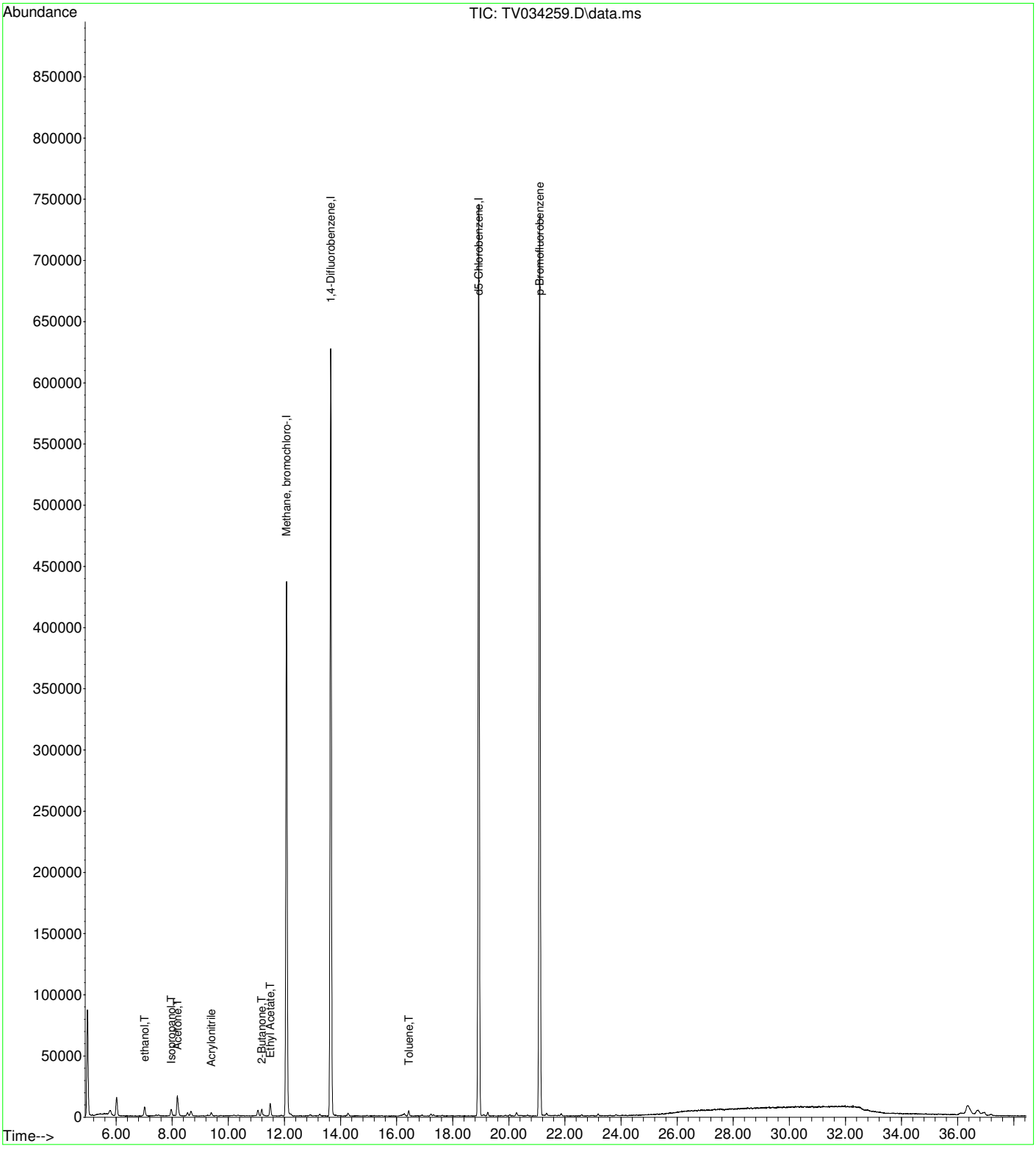
Quant Time: Dec 22 10:18:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

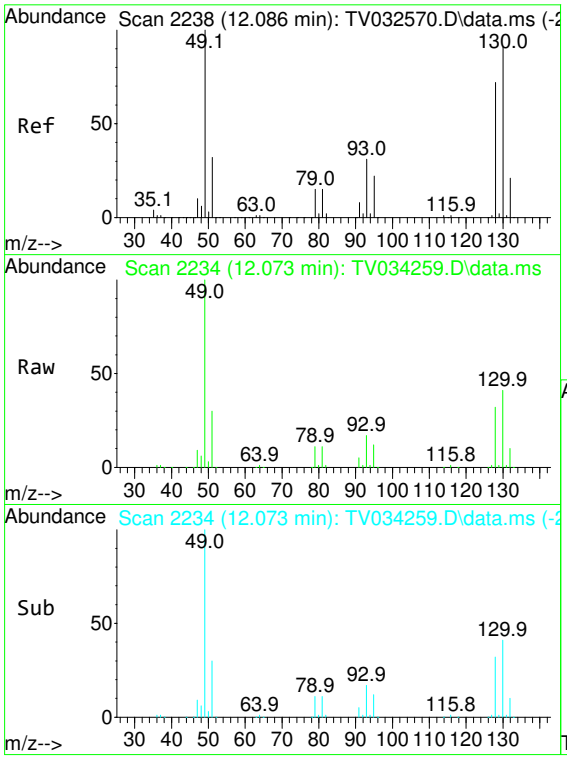
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.073	49	483007	10.00	ppbv	#-0.04
39) 1,4-Difluorobenzene	13.652	114	757501	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.925	117	664591	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.009	45	15309	0.92	ppbv	92
13) Isopropanol	7.964	45	13793	0.21	ppbv #	99
15) Acetone	8.183	43	36299	0.69	ppbv #	80
20) Acrylonitrile	9.388	53	3834	0.13	ppbv #	100
27) 2-Butanone	11.192	43	13701	0.19	ppbv #	79
28) Ethyl Acetate	11.498	43	21652	0.26	ppbv #	93
47) Toluene	16.430	91	5540	0.07	ppbv	95
66) p-Bromofluorobenzene	21.098	95	434150	8.89	ppbv	90

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\121925\
Data File : TV034259.D
Acq On : 19 Dec 2025 04:08 pm
Operator : YR
Sample : BL51827-BLK2
Misc : QBTO3091525A 1X QBS 13734
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 22 10:18:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

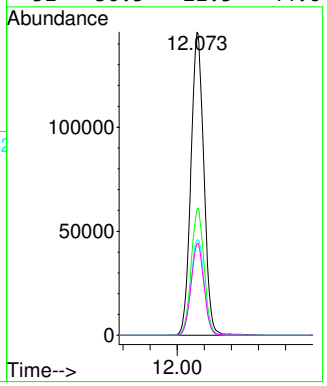


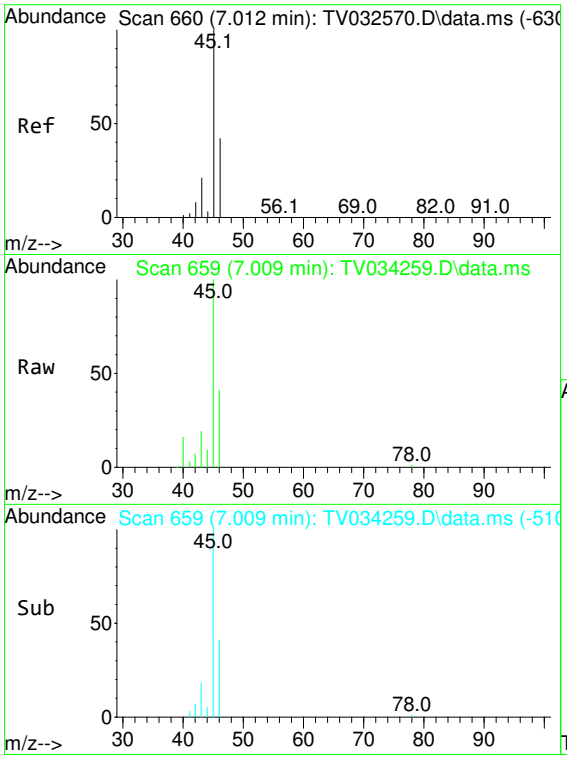


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.073 min Scan# 2234
Delta R.T. -0.038 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 49 Resp: 483007

Ion	Ratio	Lower	Upper
49	100		
130	41.9	44.5	92.3#
128	32.2	34.7	72.1#
51	30.5	21.5	44.6

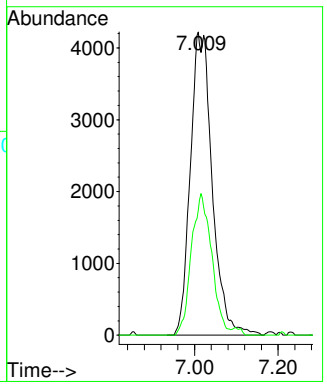


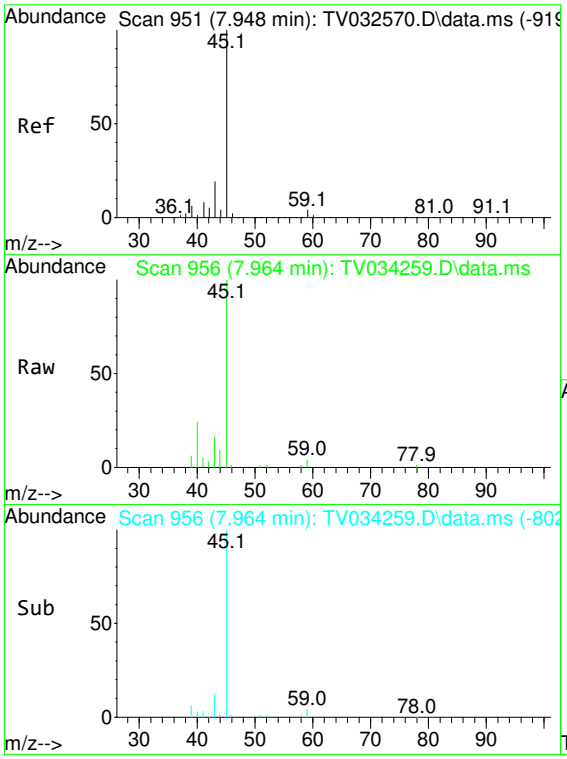


#10
ethanol
Concen: 0.92 ppbv
RT: 7.009 min Scan# 659
Delta R.T. -0.022 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 45 Resp: 15309

Ion	Ratio	Lower	Upper
45	100		
46	44.5	40.0	60.0

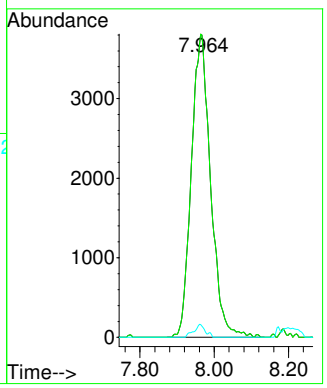


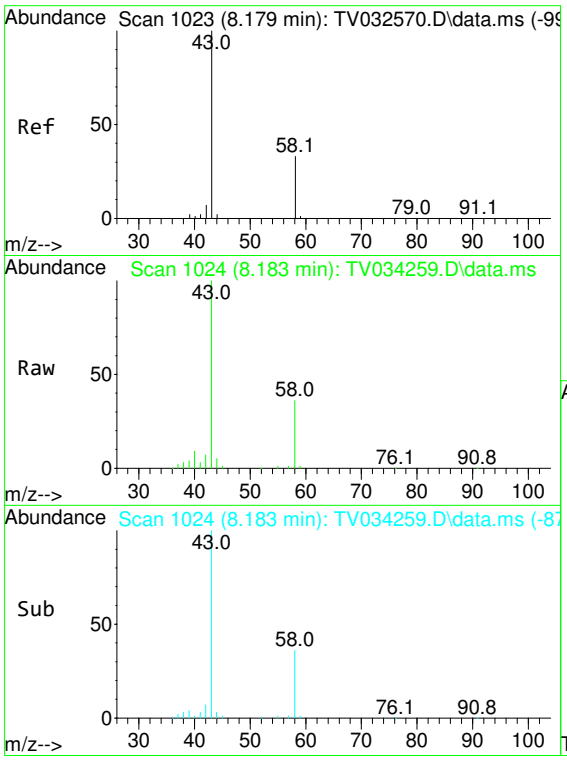


#13
Isopropanol
Concen: 0.21 ppbv
RT: 7.964 min Scan# 956
Delta R.T. -0.005 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 45 Resp: 13793

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

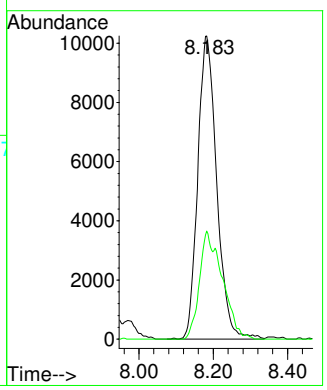


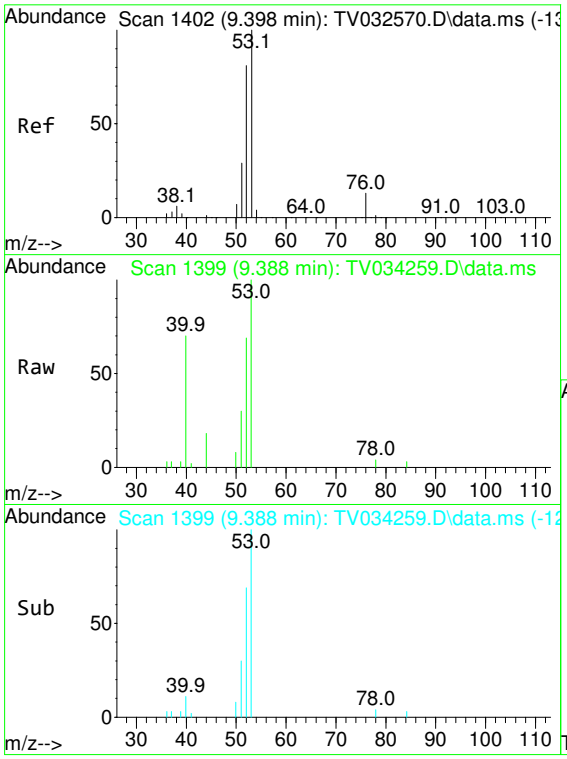


#15
Acetone
Concen: 0.69 ppbv
RT: 8.183 min Scan# 1024
Delta R.T. -0.018 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 43 Resp: 36299

Ion	Ratio	Lower	Upper
43	100		
58	43.0	20.7	42.9#

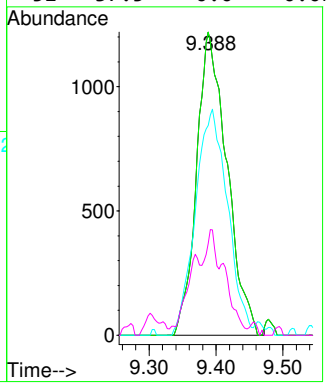


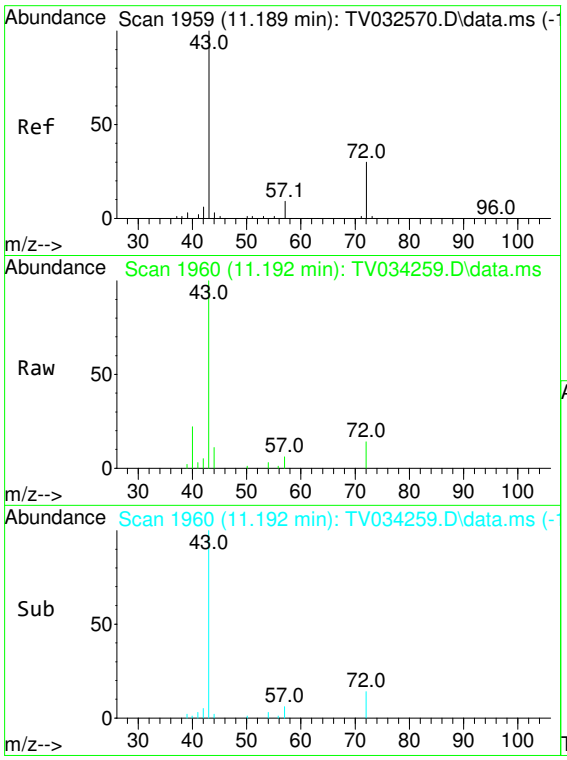


#20
Acrylonitrile
Concen: 0.13 ppbv
RT: 9.388 min Scan# 1399
Delta R.T. -0.033 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 53 Resp: 3834

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	81.0	0.0	0.0#
51	37.5	0.0	0.0#

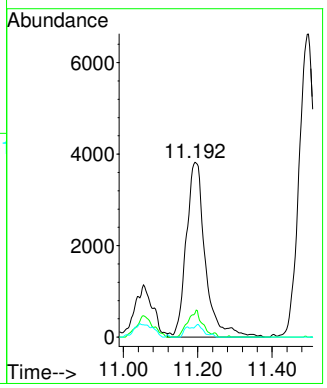


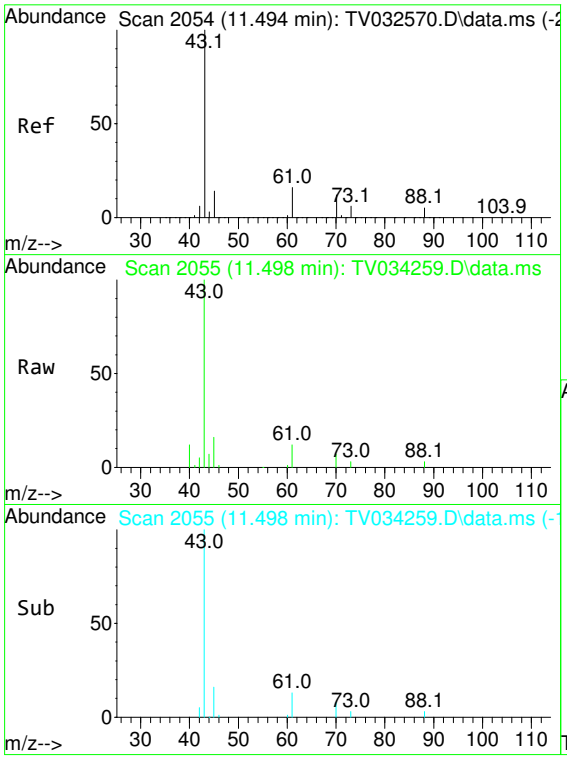


#27
2-Butanone
Concen: 0.19 ppbv
RT: 11.192 min Scan# 1960
Delta R.T. -0.020 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 43 Resp: 13701

Ion	Ratio	Lower	Upper
43	100		
72	12.2	16.4	34.2#
57	6.2	5.0	10.4

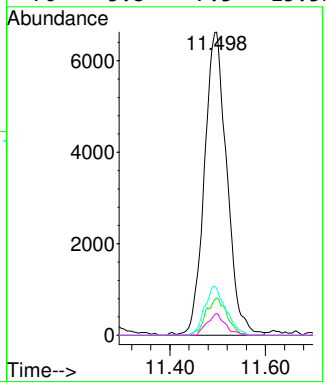


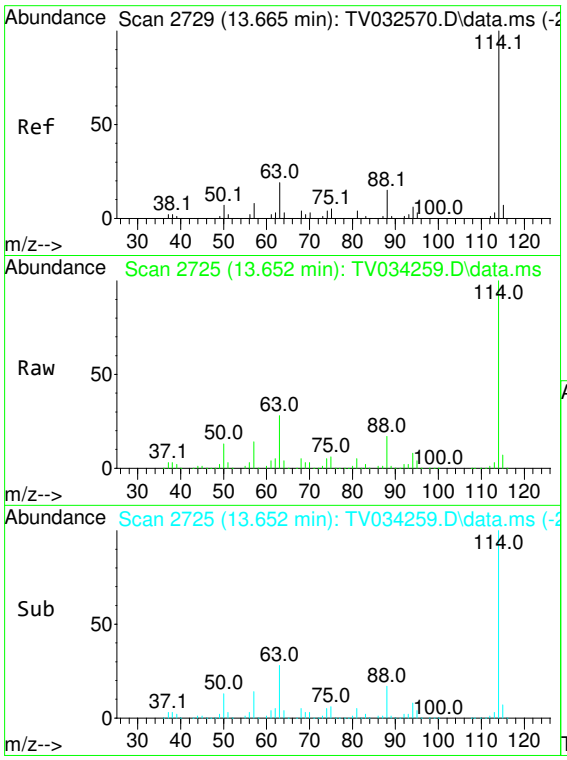


#28
Ethyl Acetate
Concen: 0.26 ppbv
RT: 11.498 min Scan# 2055
Delta R.T. -0.021 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 43 Resp: 21652

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.2	19.2
45	15.2	9.4	19.6
70	5.8	7.5	15.5#

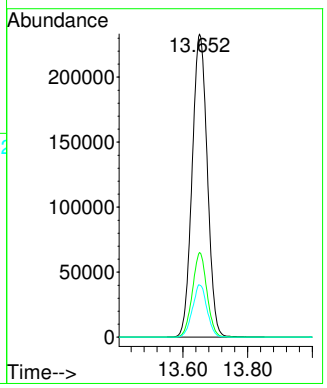


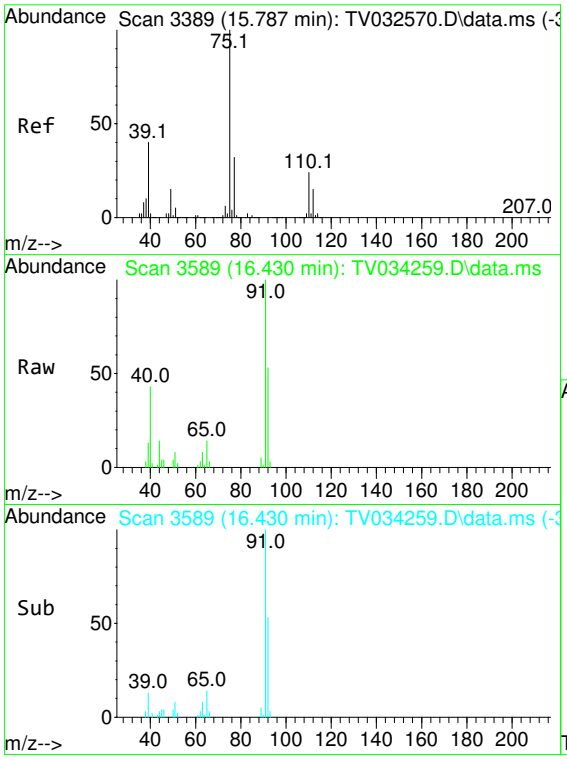


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.652 min Scan# 2725
Delta R.T. -0.037 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion:114 Resp: 757501

Ion	Ratio	Lower	Upper
114	100		
63	26.9	14.0	29.2
88	16.6	11.2	23.2

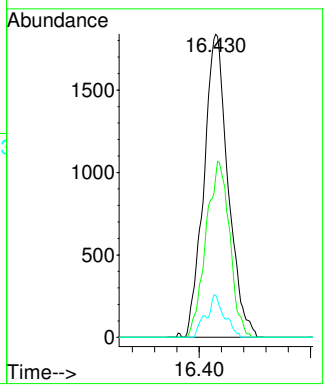


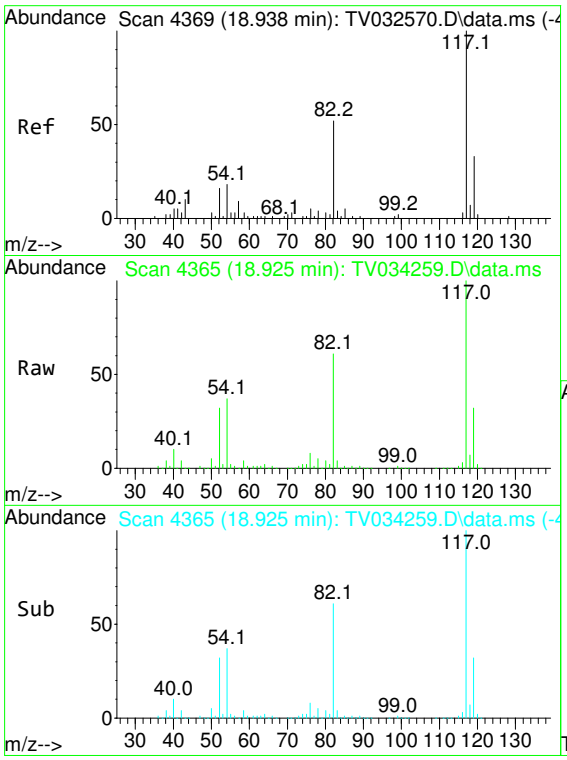


#47
Toluene
Concen: 0.07 ppbv
RT: 16.430 min Scan# 3589
Delta R.T. -0.038 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 91 Resp: 5540

Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.0	81.0
65	10.6	7.7	16.1

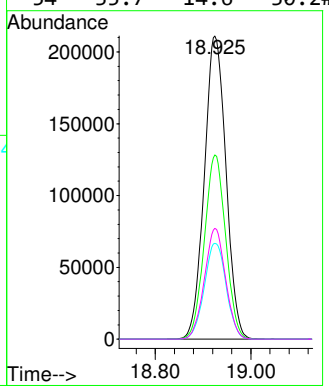


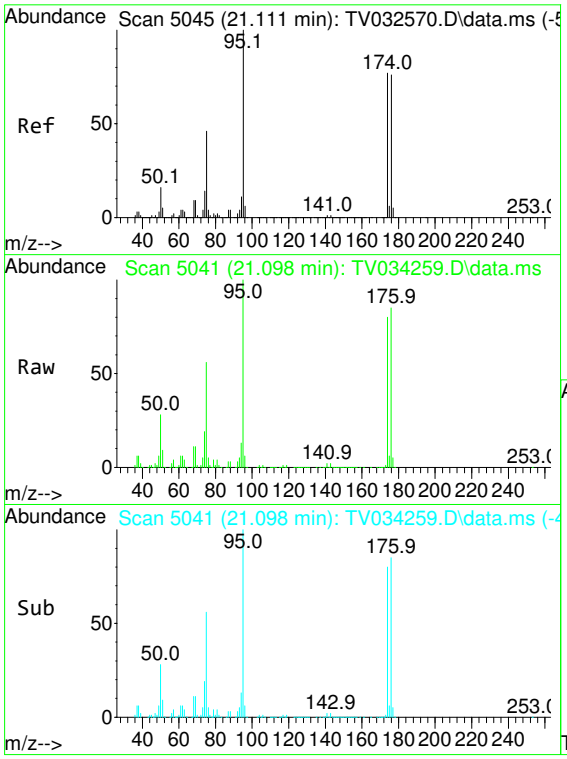


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion:117 Resp: 664591

Ion	Ratio	Lower	Upper
117	100		
82	59.7	38.7	80.5
119	32.1	20.3	42.3
54	35.7	14.6	30.2#

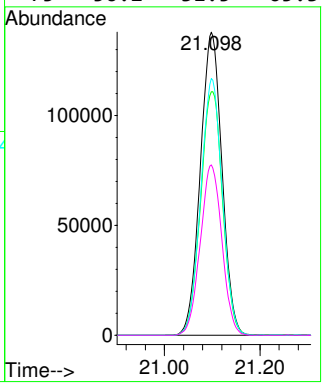




#66
p-Bromofluorobenzene
Concen: 8.89 ppbv
RT: 21.098 min Scan# 5041
Delta R.T. -0.037 min
Lab File: TV034259.D
Acq: 19 Dec 2025 04:08 pm

Tgt Ion: 95 Resp: 434150

Ion	Ratio	Lower	Upper
95	100		
174	82.1	50.0	103.8
176	84.3	48.2	100.2
75	56.2	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13745
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK4
Analysis: EPA TO-15

Can Serial No.: 50206
Analyst: YR
Analysis Date: 12/25/25 04:38
File Id: TV034367.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
ISTD: 1,4-Difluorobenzene	10	ppbv		ug/m3		ppbv
ISTD: Bromochloromethane	10	ppbv		ug/m3		ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13745
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK4
Analysis: EPA TO-15

Can Serial No.: 50206
Analyst: YR
Analysis Date: 12/25/25 04:38
File Id: TV034367.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
ISTD: d5-Chlorobenzene	10	ppbv		ug/m3		ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\122425\
Data File : TV034367.D
Acq On : 25 Dec 2025 04:38 am
Operator : YR
Sample : BL51827-BLK4
Misc : QBTO3091525A 1X QBS 13745
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

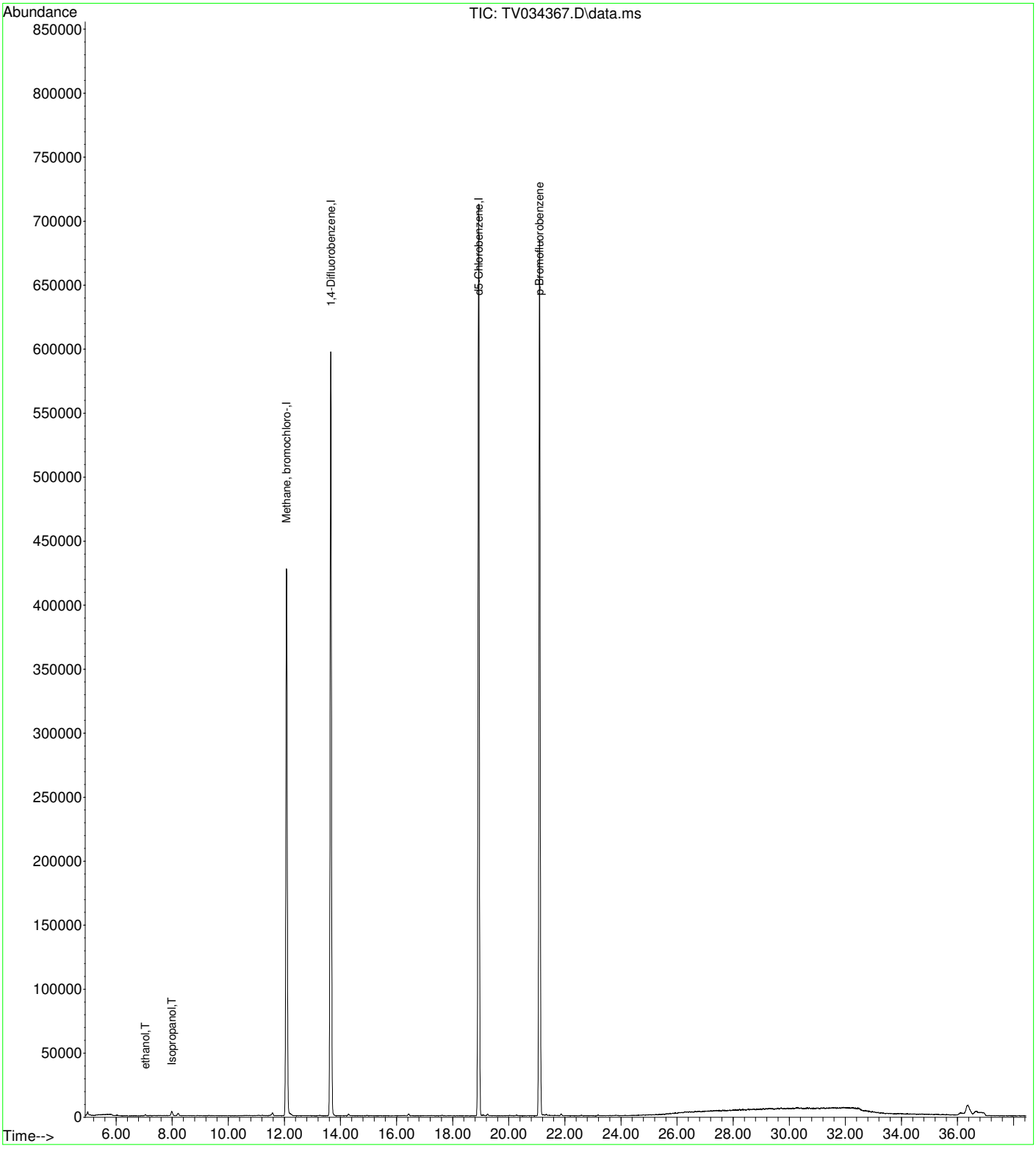
Quant Time: Dec 29 09:25:36 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

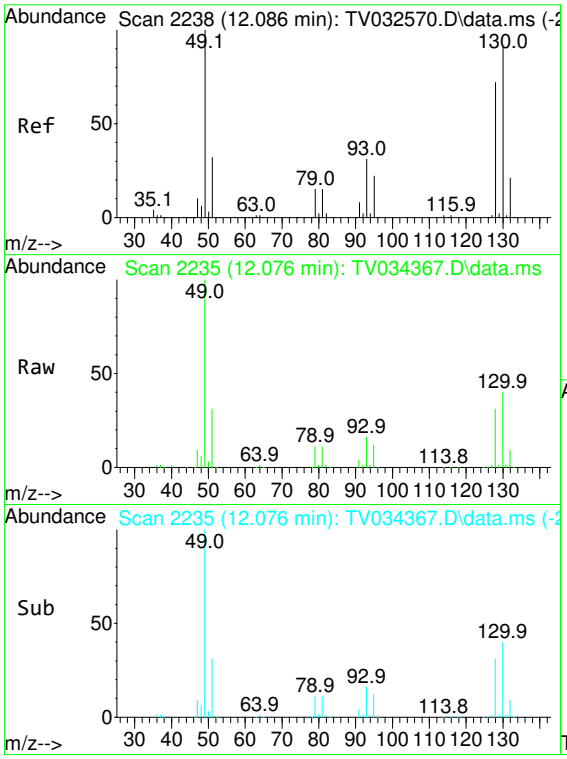
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.076	49	494838	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.655	114	718613	10.00	ppbv	-0.03
55) d5-Chlorobenzene	18.925	117	627544	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.041	45	1635	0.10	ppbv	95
13) Isopropanol	7.983	45	8566	0.13	ppbv #	99
66) p-Bromofluorobenzene	21.095	95	397645	8.63	ppbv	92

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\122425\
Data File : TV034367.D
Acq On : 25 Dec 2025 04:38 am
Operator : YR
Sample : BL51827-BLK4
Misc : QBTO3091525A 1X QBS 13745
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 29 09:25:36 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

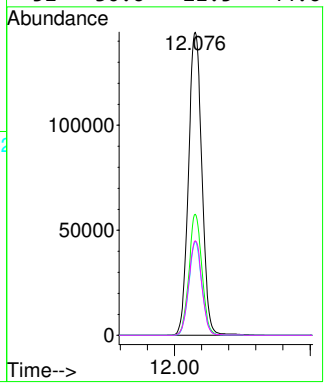


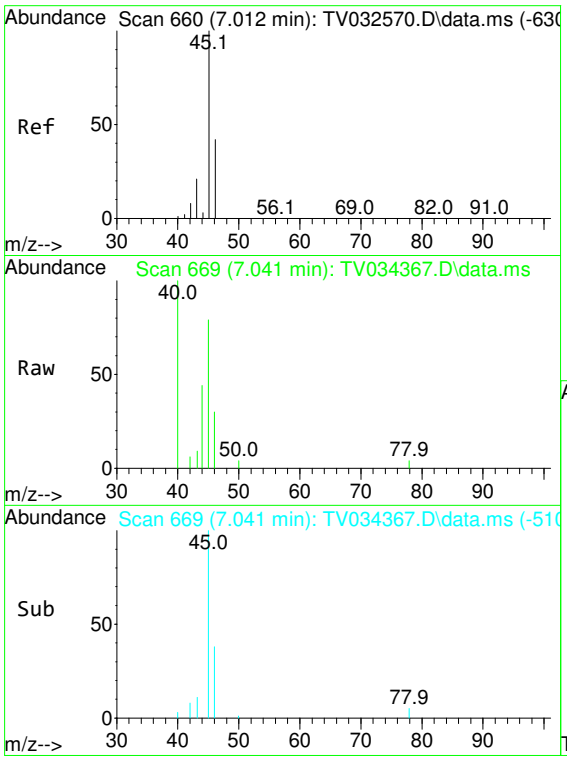


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2235
Delta R.T. -0.035 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion: 49 Resp: 494838

Ion	Ratio	Lower	Upper
49	100		
130	38.7	44.5	92.3#
128	30.0	34.7	72.1#
51	30.6	21.5	44.6

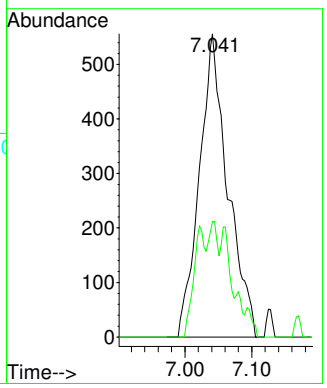


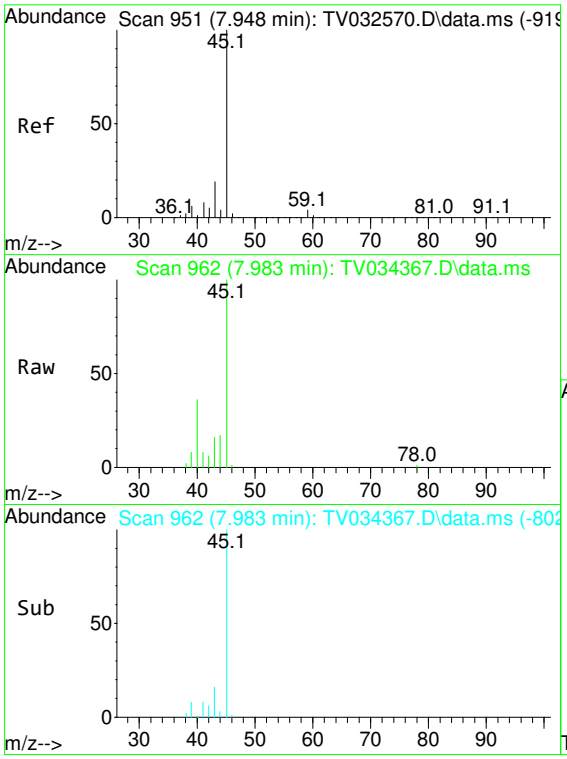


#10
ethanol
Concen: 0.10 ppbv
RT: 7.041 min Scan# 669
Delta R.T. 0.010 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion: 45 Resp: 1635

Ion	Ratio	Lower	Upper
45	100		
46	46.2	40.0	60.0

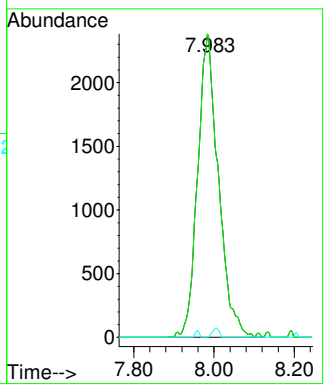


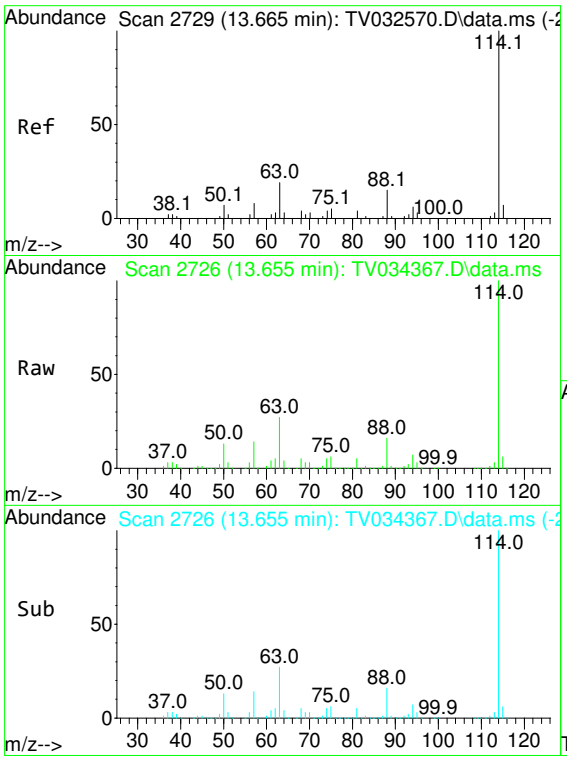


#13
Isopropanol
Concen: 0.13 ppbv
RT: 7.983 min Scan# 962
Delta R.T. 0.014 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion: 45 Resp: 8566

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

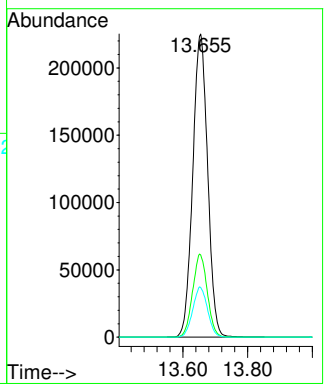


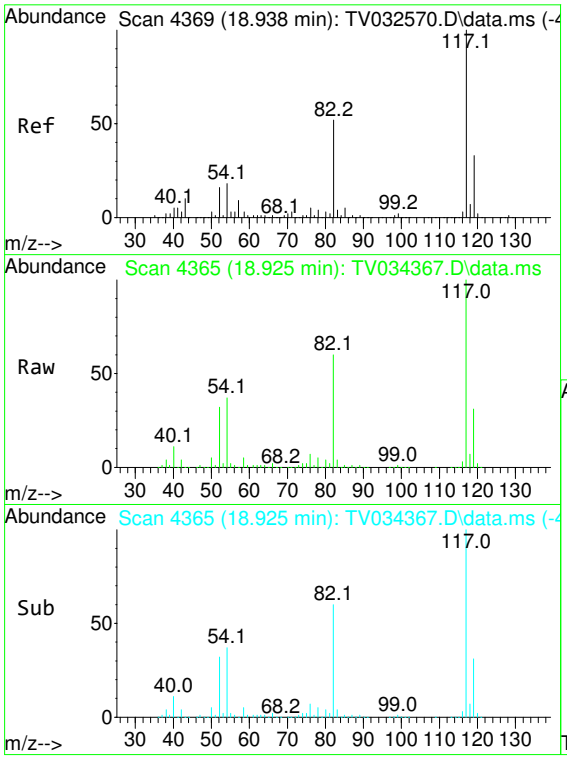


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.655 min Scan# 2726
Delta R.T. -0.034 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion:114 Resp: 718613

Ion	Ratio	Lower	Upper
114	100		
63	27.1	14.0	29.2
88	16.4	11.2	23.2

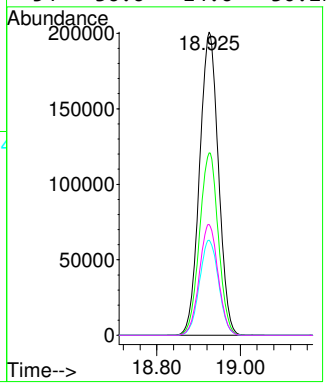


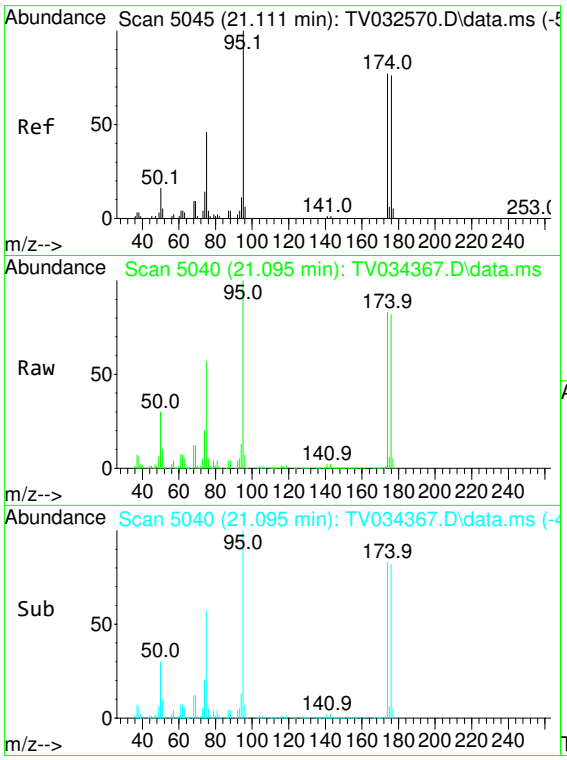


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion:117 Resp: 627544

Ion	Ratio	Lower	Upper
117	100		
82	60.1	38.7	80.5
119	31.9	20.3	42.3
54	36.6	14.6	30.2#

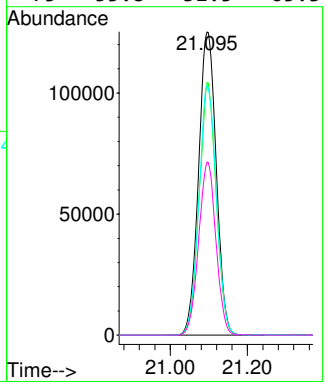




#66
p-Bromofluorobenzene
Concen: 8.63 ppbv
RT: 21.095 min Scan# 5040
Delta R.T. -0.040 min
Lab File: TV034367.D
Acq: 25 Dec 2025 04:38 am

Tgt Ion: 95 Resp: 397645

Ion	Ratio	Lower	Upper
95	100		
174	80.7	50.0	103.8
176	81.9	48.2	100.2
75	55.8	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13752
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK7
Analysis: EPA TO-15

Can Serial No.: 41938
Analyst: YR
Analysis Date: 12/29/25 15:52
File Id: TV034387.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	5.00	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.50	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	5.00	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	5.00	ppbv
Acrolein	ND	ppbv	ND	ug/m3	0.10	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	5.00	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	2.50	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	5.00	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Isopropylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
ISTD: 1,4-Difluorobenzene	10	ppbv		ug/m3		ppbv
ISTD: Bromochloromethane	10	ppbv		ug/m3		ppbv

Air Laboratory QBS Report

Canister Order No.(s): 12191

Cert Batch No.: 13752
Lims Batch ID: BL51827
Instrument: TO15_AIR3
File Id: BL51827-BLK7
Analysis: EPA TO-15

Can Serial No.: 41938
Analyst: YR
Analysis Date: 12/29/25 15:52
File Id: TV034387.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
ISTD: d5-Chlorobenzene	10	ppbv		ug/m3		ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	1.00	ppbv
n-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Propylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
sec-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
tert-Butylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv
Xylenes, Total	ND	ppbv	ND	ug/m3	0.30	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\122925\
Data File : TV034387.D
Acq On : 29 Dec 2025 03:52 pm
Operator : YR
Sample : BL51827-BLK7
Misc : QBTO3091525A QBS 13752
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

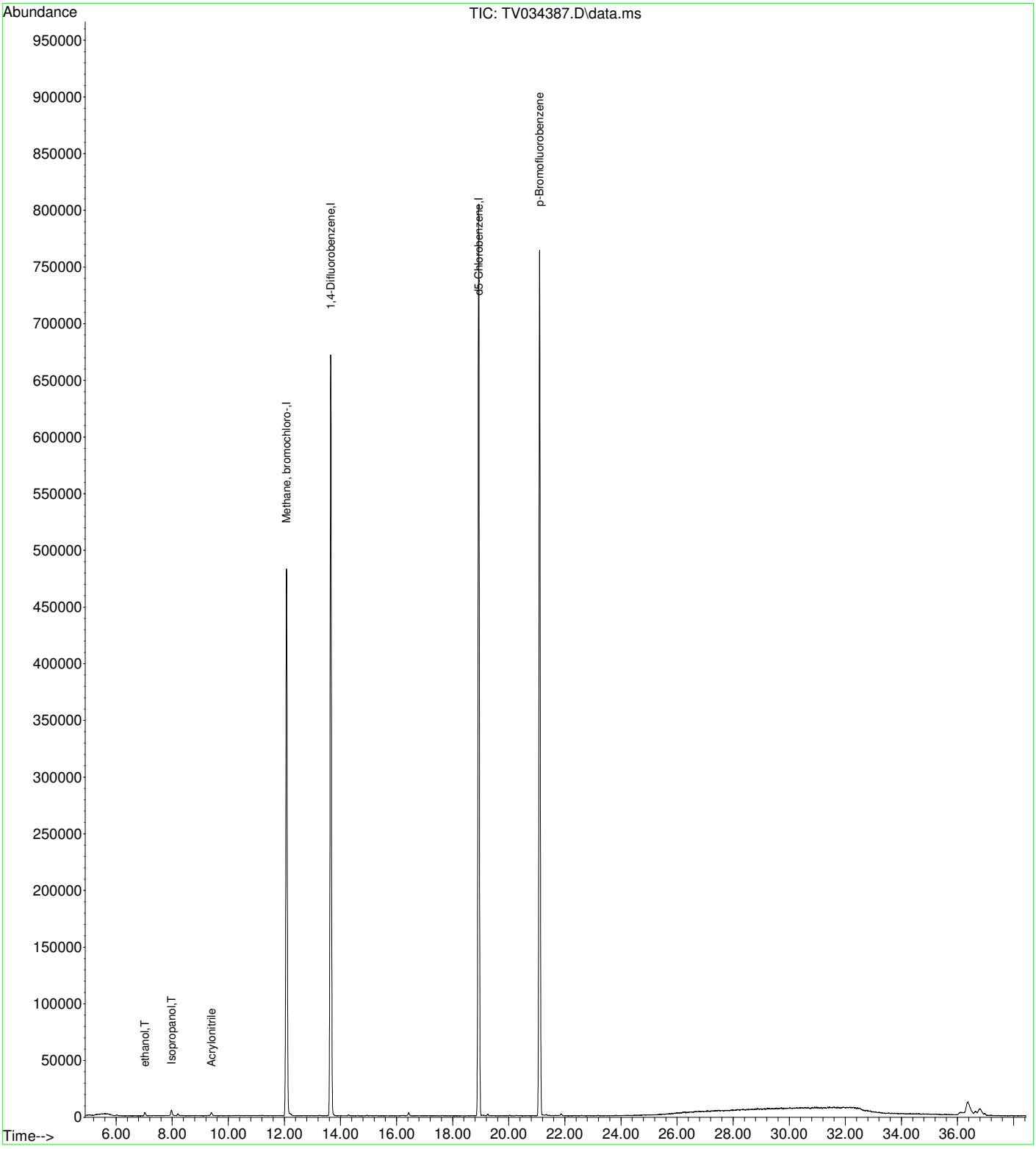
Quant Time: Dec 30 08:54:17 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

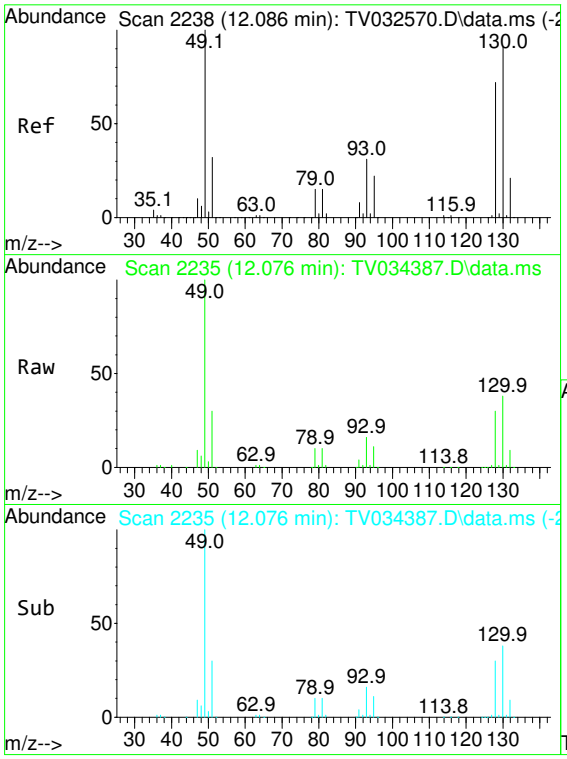
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.076	49	549090	10.00	ppbv	#-0.03
39) 1,4-Difluorobenzene	13.652	114	813812	10.00	ppbv	-0.04
55) d5-Chlorobenzene	18.925	117	715747	10.00	ppbv	#-0.04
Target Compounds						Qvalue
10) ethanol	7.025	45	5970	0.32	ppbv	90
13) Isopropanol	7.974	45	12184	0.16	ppbv #	99
20) Acrylonitrile	9.398	53	4296	0.13	ppbv #	100
66) p-Bromofluorobenzene	21.095	95	453707	8.63	ppbv	93

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

Data Path : C:\MassHunter\GCMS\1\data\2025\12-DEC\122925\
Data File : TV034387.D
Acq On : 29 Dec 2025 03:52 pm
Operator : YR
Sample : BL51827-BLK7
Misc : QBTO3091525A QBS 13752
ALS Vial : 12 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Dec 30 08:54:17 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-DEC052025.M
Quant Title : TO15 VOC Analysis
QLast Update : Mon Dec 08 14:43:00 2025
Response via : Initial Calibration

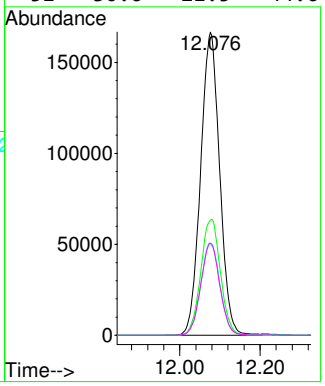


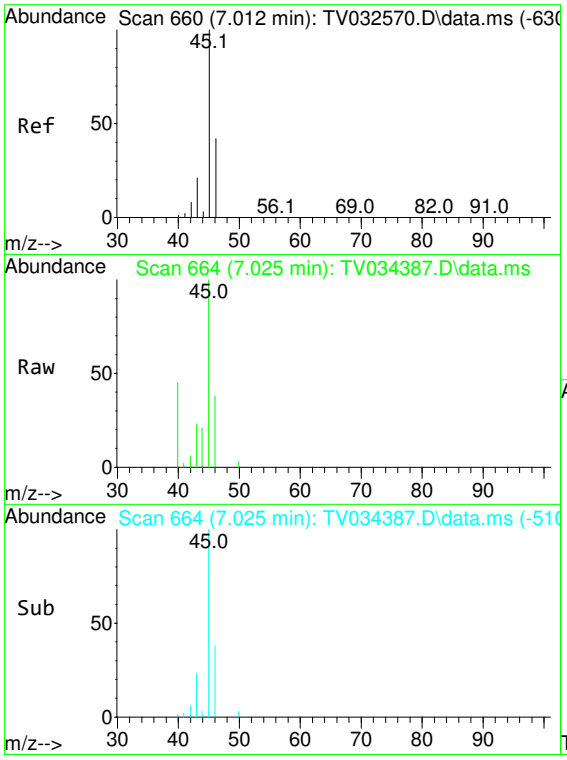


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.076 min Scan# 2235
Delta R.T. -0.035 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion: 49 Resp: 549090

Ion	Ratio	Lower	Upper
49	100		
130	39.6	44.5	92.3#
128	30.8	34.7	72.1#
51	30.6	21.5	44.6

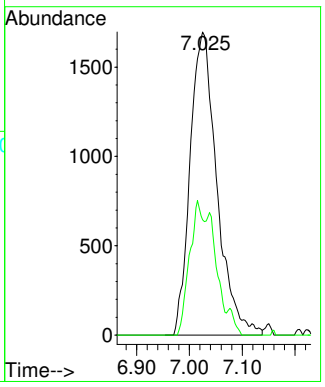


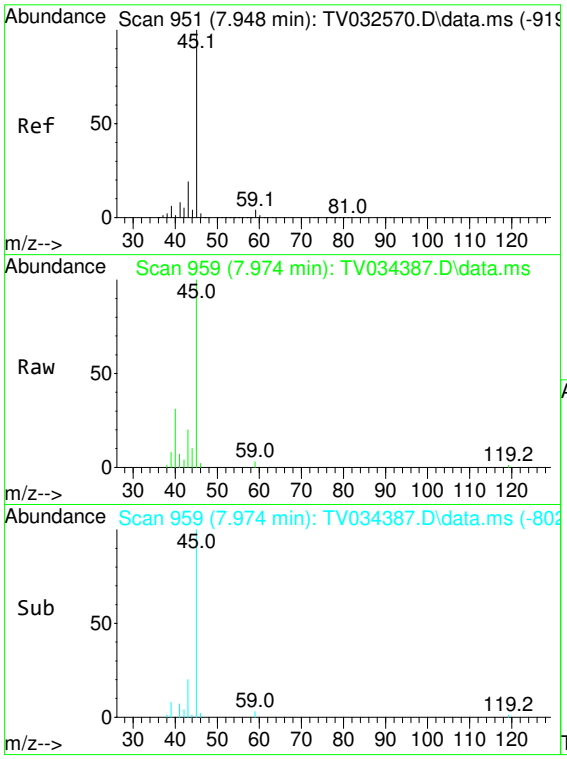


#10
ethanol
Concen: 0.32 ppbv
RT: 7.025 min Scan# 664
Delta R.T. -0.006 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion: 45 Resp: 5970

Ion	Ratio	Lower	Upper
45	100		
46	42.9	40.0	60.0

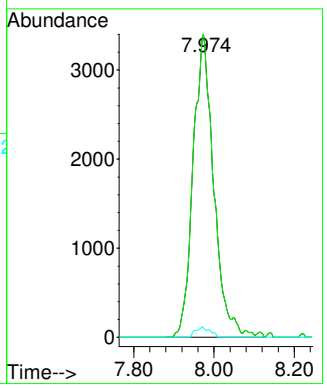


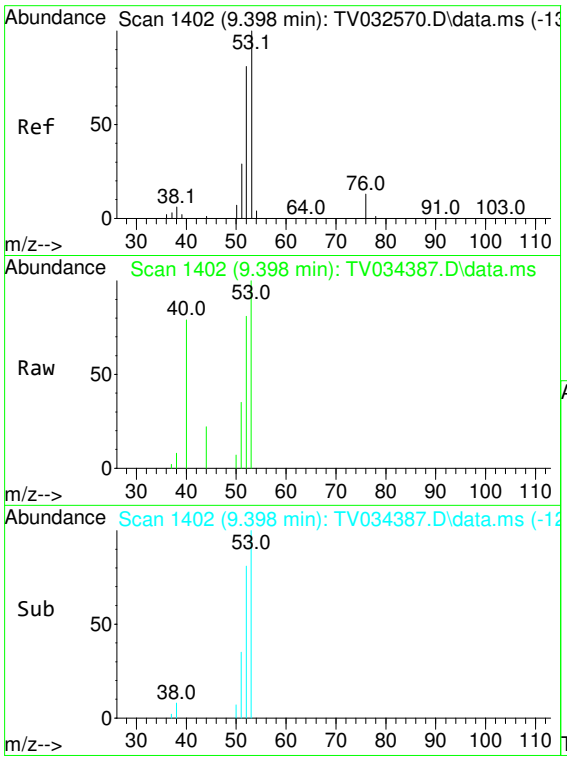


#13
Isopropanol
Concen: 0.16 ppbv
RT: 7.974 min Scan# 959
Delta R.T. 0.005 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion: 45 Resp: 12184

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

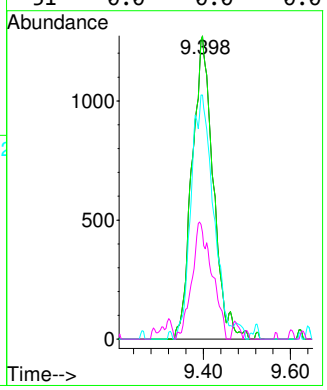


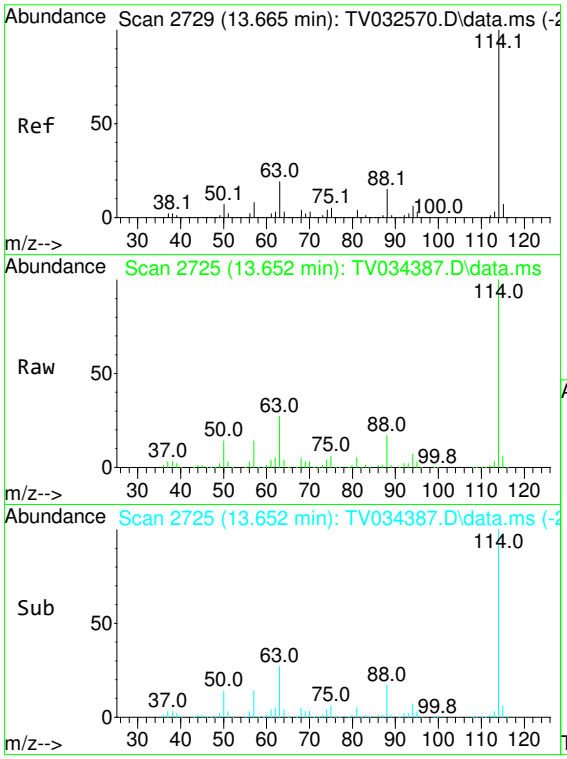


#20
Acrylonitrile
Concen: 0.13 ppbv
RT: 9.398 min Scan# 1402
Delta R.T. -0.023 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion: 53 Resp: 4296

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

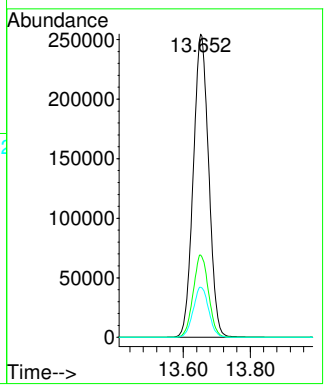


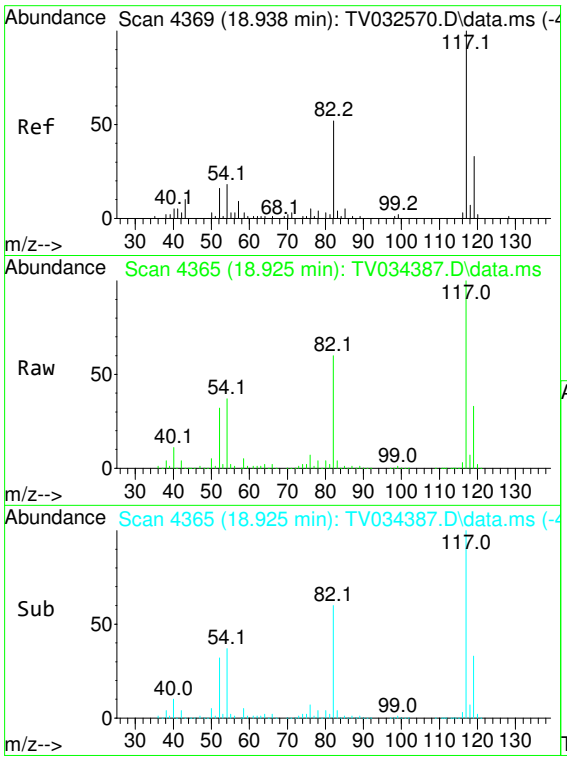


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.652 min Scan# 2725
Delta R.T. -0.037 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion:114 Resp: 813812

Ion	Ratio	Lower	Upper
114	100		
63	27.0	14.0	29.2
88	16.6	11.2	23.2

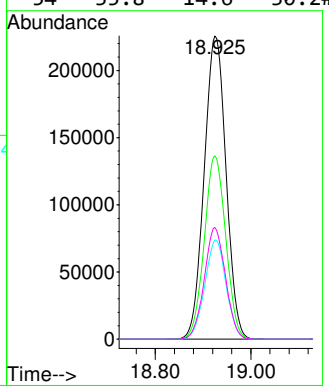


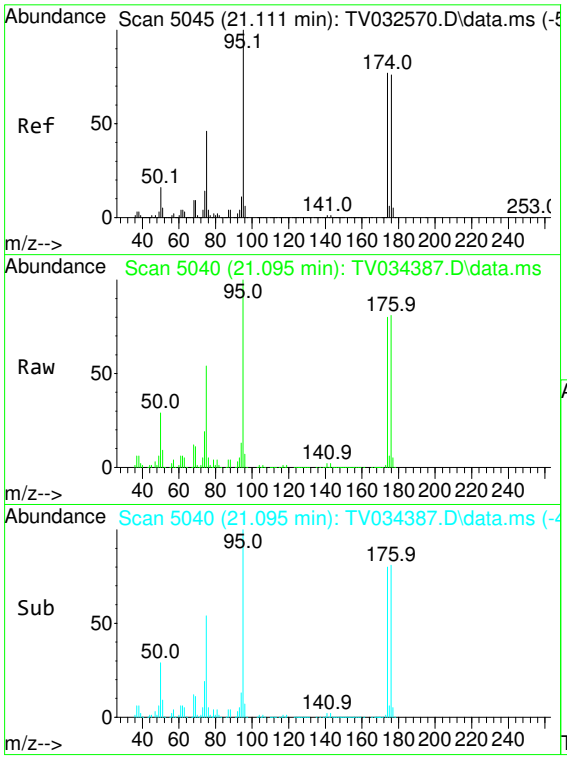


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.925 min Scan# 4365
Delta R.T. -0.037 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion:117 Resp: 715747

Ion	Ratio	Lower	Upper
117	100		
82	59.5	38.7	80.5
119	32.1	20.3	42.3
54	35.8	14.6	30.2#

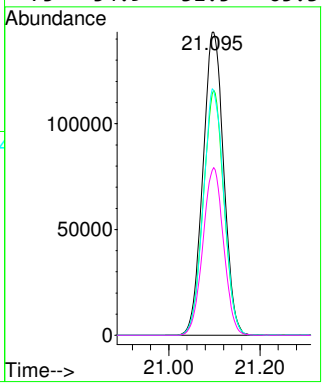




#66
p-Bromofluorobenzene
Concen: 8.63 ppbv
RT: 21.095 min Scan# 5040
Delta R.T. -0.040 min
Lab File: TV034387.D
Acq: 29 Dec 2025 03:52 pm

Tgt Ion: 95 Resp: 453707

Ion	Ratio	Lower	Upper
95	100		
174	80.3	50.0	103.8
176	80.9	48.2	100.2
75	54.9	31.5	65.3



APPENDIX E

DATA USABILITY SUMMARY REPORTS

Environmental Assessment & Remediations
A LaBella Company

May 19, 2026

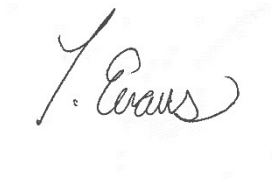
To: Anthony Spadavecchia
PVEDI, DPC
48 Springside Avenue
Poughkeepsie, NY 12603

Subject: 33 East Main Street, Pawling, NY - SVI Investigation- Data Usability Summary Report

The Following Item Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	26A1103_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	26A1103_EquNysdec.xlsx	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124

A LaBella Company

33 East Main Street, Pawling, NY - SVI Investigation, Data Usability Summary Report for January 21, 2026, 8-hour Air Samples

Client: PVEDI, DPC
Laboratory: ALS Environmental (NELAP 12058)
Site: 33 East Main Street, Pawling, NY
Project Number: 20240302

Lab Job ID: 26A1103				Method Evaluated
Lab ID	Field ID	Collection Date	Matrix	TO-15
26A1103-01	SSV-1 20260122	1/21/2026	Soil Vapor	x
26A1103-02	AI-1 20260122	1/21/2026	Indoor Ambient Air	x
26A1103-03	SSV-2 20260122	1/21/2026	Soil Vapor	x
26A1103-04	AI-2 20260122	1/21/2026	Indoor Ambient Air	x
26A1103-05	SSV-3 20260122	1/21/2026	Soil Vapor	x
26A1103-06	AI-3 20260122	1/21/2026	Indoor Ambient Air	x
26A1103-07	SSV-4 20260122	1/21/2026	Soil Vapor	x
26A1103-08	AI-4 20260122	1/21/2026	Indoor Ambient Air	x
26A1103-09	SSV-5 20260122	1/21/2026	Soil Vapor	x
26A1103-10	AI-5 20260122	1/21/2026	Indoor Ambient Air	x

Laboratory report reviewed under:

- USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15,* SOP HW-31, Revised 6 (September 2016)

- USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

Criteria for Data Usability Summary Report

Completeness:
A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:
A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue

Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time.

2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

A LaBella Company

Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocylcohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector

A LaBella Company

Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

A LaBella Company

Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Method EPA TO-15 Reviewer summary:

- Within initial calibration data, SL50019, analytes 1,2,4-Trichlorobenzene, and Benzyl chloride, percent relative standard deviations (%RSD) were beyond the acceptable limit (<30%). Neither analyte was detected within the samples; no qualification is needed.

All other QC/QA parameters, including hold time/temperature, method blank, clean canister certification, laboratory control, internal standards, and continuous calibration, were within acceptable criteria.
The data met the category B criterion and is therefore usable.

APPENDIX F

VAPOR INTRUSION INVESTIGATION REPORT, DATED MAY 5, 2025; REVISED JUNE 6, 2025

May 5, 2025
Revised June 6, 2025

VAPOR INTRUSION INVESTIGATION

33 East Main Street, Village of Pawling, New York 12564

BCP Site #C314116

Prepared For:

Main Street Pawling, LLC
85 Charles Colman Boulevard
Pawling, New York 12564

Prepared By:

PVE, LLC
48 Springside Avenue
Poughkeepsie, New York 12603
Phone: 845.454.2544

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FIGURES

Figure 1 **Site Location**
Figure 2 **Selected Site Features**
Figure 3A – 3E **Sampling Location Maps**

TABLES

Table 1 **VOCs in Soil Vapor Samples and Co-located Indoor Air Samples**
Table 2 **VOCs in Indoor Air Samples**
Table 3 **VOCs in Ambient Outdoor Air Sample**

APPENDICES

Appendix A **Soil Vapor Sampling Log**
Appendix B **NYSDOH Indoor Air Quality Questionnaire and Building Inventory Center for Environmental Health Form and Photolog**
Appendix C **Analytical Reports**
Appendix D **Category B Deliverables**
Appendix E **Data Usability Summary Reports (DUSRs)**
Appendix F **NYSDEC Approval of Deviation from CMWP**

CERTIFICATION STATEMENT

I, Samuel Ambrose, certify that I am currently a Qualified Environmental Professional as in defined in 6 NYCRR Part 375 and that this Corrective Measures Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

_____ QEP

____June 6, 2025_____Date

1.0 INTRODUCTION AND PROJECT BACKGROUND

The 0.23-acre lot, located at 33 East Main Street, Pawling, New York (Tax ID #134001-7056-05-071977-0000) was remediated in accordance with Brownfield Cleanup Agreement (BCA), Index W3-1 099-06-10, executed on January 22, 2007. The past use of the property as an automobile repair shop was the source of contamination subject to remediation under the Brownfield Cleanup Program.

The New York State Department of Environmental Conservation (NYSDEC) conducted a site visit on July 23, 2024, which included an inspection of the on-site sub-slab depressurization system (SSDS). NYSDEC expressed concern that SSDS piping from the slab to the in-line fan was of different material than horizontal piping along the interior walls, suggesting the SSDS was not installed during construction of the on-Site structure. Additionally, no pressure gauges, sampling ports or rain cap/cover were observed on the system. PVE conducted a site visit on September 4, 2024, and confirmed the State's findings. Additionally, a portion of the structure, which was inaccessible during the NYSDEC visit, was inspected; an additional SSDS fan and associated piping were identified with features similar to the initial fan and piping. The exterior piping associated with the second fan was also observed void of rain cap/cover.

Based on these findings, the NYSDEC required a Corrective Measures Work Plan (CMWP), including a vapor intrusion investigation to determine whether a soil vapor intrusion (SVI) exists at the property. PVE prepared and submitted a site specific CMWP dated October 18, 2024, Revised November 18, 2024, to the NYSDEC; the work plan was subsequently approved by the State on November 18, 2024. The CMWP included the following elements:

- Soil Vapor Investigation;
- Performance Testing, Monitoring Point Installation and SSDS Upgrading; &
- SSDS Modifications and/or Design.

On March 26th and 27th, 2025, PVE collected nineteen (19) samples from the subject property. Summarized below are the findings of the vapor intrusion investigation.

2.0 FIELD ACTIVITIES

2.1 VAPOR SAMPLING

In accordance with the approved CMWP, a total of five (5) sub-slab soil vapor with co-located indoor air samples, eight (8) additional indoor air samples (two [2] on each floor above the basement), and one (1) outdoor ambient air sample were collected throughout the subject property. PVE installed temporary vapor probes through the concrete slab of foundation using a hammer drill and 5/8-inch drill bit. Probes

were sealed at the surface with non-VOC emitting clay. Vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity and demonstrate that ambient air was not being drawn into the samples being collected. Sub-slab vapor samples SSV-1 and SSV-2 initially failed leak tests. After several attempts, both locations passed the leak detection tests, and both locations were observed, documented and photographed by NYSDEC and PVE personnel.

Vapor samples were collected in certified clean Summa canisters with a regulator set to collect a sample over a specified period, depending on location. Samples from the basement and 1st floor were collected over an 8-hour period. Samples from the 2nd, 3rd and 4th floor were collected over a 24-hour period. The ambient outdoor air sample was collected over an 8-hour period. All samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method TO-15 Select Ion Monitoring (SIM) following standard chain-of-custody procedures.

Sub-slab sampling points were repaired with concrete patch following sample collection.

2.2 PRODUCT INVENTORY

A NYSDOH Indoor Air Quality Questionnaire and Building Inventory Center for Environmental Health form and photo log were prepared during the evaluation and included in Appendix B.

2.3 DEVIATION FROM WORKPLAN

The approved Corrective Measures Work Plan (CMWP) stated that “Immediately following SSDS start-up, PVE will conduct pilot-scale vacuum testing within the building to evaluate the potential for air to flow beneath the slab and extract vapors from proposed vacuum extraction points.”

On March 28, 2025, PVE requested a deviation, via email, from the workplan stating that no permanent monitoring points are present at the property, and that performance testing of the SSD systems will be conducted only if there are detected concentrations of any of the 21 compounds in the NYSDOH Guidance Document Matrix Tables which would require mitigation. NYSDEC approved this deviation request, via email, on April 1, 2025. Documentation is provided in Appendix

3.0 RESULTS

Sub-slab vapor and co-located ambient air results are summarized in Table 1. Analytical reports are attached in Appendix C.

Indoor air and ambient outdoor air results are summarized in Tables 2 and 3, respectively. Analytical reports are attached in Appendix C.

3.1 VAPOR AND CO-LOCATED INDOOR AIR SAMPLES

Analytical results from soil vapor and co-located indoor air samples are summarized in Table 1. Analytical reports are attached in Appendix C. See Figure 3A for sampling locations.

1. The NYSDOH Guidance Document contains six (6) Matrix Tables, incorporating a total of twenty-one (21) volatile organic compounds: 1,1-Dichloroethene (1,1-DCE); Cis-1,2-Dichloroethene (Cis-1,2-DCE); Vinyl Chloride (VC); 1,1,1 – Trichloroethane (1,1,1-TCA); Carbon Tetrachloride, Methylene Chloride; Tetrachloroethylene (PCE); Trichloroethylene (TCE); Benzene; Ethylbenzene; Naphthalene; Cyclohexane; Isooctane (2,2,4-Trimethylpentane); 1,2,4-Trimethlybenzene; 1,3,5-Trimethylbenzene; o-Xylene; m-Xylene; p-Xylene; Heptane; Hexane; and Toluene. The table below summarizes the analytical results of the NYSDOH compounds. Based on the concentrations of detectable compounds in soil vapor and co-located indoor air samples, the data reflects that a soil vapor intrusion (SVI) does not exist at this property and that no further action is required under applicable NYSDOH Vapor Intrusion guidance.

Date Sampled	3/26/2025		3/26/2025		3/26/2025		3/26/2025		3/26/2025		3/26/2025	
Location	East Basement		East Basement		East Basement		East Basement		West Basement		West Basement	
Sample ID	SSV-1 20250326		AI-1 20250326		SSV-2 20250326		AI-2 20250326		SSV-3 20250326		AI-3 20250326	
Analyte	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit
1,1,1-Trichloroethane (TCA)	ND< 0.90	ug/m3	ND< 0.39	ug/m3	ND< 1.0	ug/m3	ND< 0.40	ug/m3	ND< 0.75	ug/m3	ND< 0.44	ug/m3
1,1-Dichloroethene	ND< 0.16	ug/m3	ND< 0.071	ug/m3	ND< 0.18	ug/m3	ND< 0.072	ug/m3	ND< 0.14	ug/m3	ND< 0.080	ug/m3
1,2,4-Trimethylbenzene	2.0	ug/m3	0.49	ug/m3	7.5	ug/m3	1.6	ug/m3	10	ug/m3	0.59	ug/m3
1,3,5-Trimethylbenzene (Mesitylene)	ND< 0.81	ug/m3	ND< 0.35	ug/m3	1.8	ug/m3	0.89	ug/m3	2.3	ug/m3	ND< 0.40	ug/m3
2,2,4-Trimethylpentane	ND< 0.38	ug/m3	2.0	ug/m3	1.4	ug/m3	0.71	ug/m3	1.7	ug/m3	0.45	ug/m3
Benzene	0.89	ug/m3	2.0	ug/m3	0.82	ug/m3	1.4	ug/m3	0.93	ug/m3	1.2	ug/m3
Carbon Tetrachloride	0.83	ug/m3	0.49	ug/m3	0.46	ug/m3	0.55	ug/m3	0.43	ug/m3	0.51	ug/m3
Cis-1,2-Dichloroethylene	ND< 0.16	ug/m3	ND< 0.071	ug/m3	ND< 0.18	ug/m3	ND< 0.072	ug/m3	ND< 0.14	ug/m3	ND< 0.080	ug/m3
Cyclohexane	ND< 0.57	ug/m3	0.47	ug/m3	ND< 0.63	ug/m3	ND< 0.25	ug/m3	ND< 0.47	ug/m3	ND< 0.28	ug/m3
Ethylbenzene	5.0	ug/m3	1.4	ug/m3	11	ug/m3	5.9	ug/m3	14	ug/m3	0.35	ug/m3
m,p-Xylene	13	ug/m3	3.0	ug/m3	16	ug/m3	13	ug/m3	20	ug/m3	1.0	ug/m3
Methylene Chloride	ND< 3.4	ug/m3	ND< 1.5	ug/m3	ND< 3.8	ug/m3	ND< 1.5	ug/m3	ND< 2.9	ug/m3	ND< 1.7	ug/m3
Naphthalene	ND< 1.7	ug/m3	ND< 0.75	ug/m3	ND< 1.9	ug/m3	ND< 0.76	ug/m3	ND< 1.4	ug/m3	ND< 0.84	ug/m3
N-Heptane	0.88	ug/m3	5.5	ug/m3	1.1	ug/m3	3.9	ug/m3	1.3	ug/m3	2.7	ug/m3
N-Hexane	0.87	ug/m3	1.5	ug/m3	1.0	ug/m3	0.74	ug/m3	1.2	ug/m3	0.54	ug/m3
O-Xylene (1,2-Dimethylbenzene)	3.4	ug/m3	0.96	ug/m3	5.9	ug/m3	6.3	ug/m3	7.2	ug/m3	0.42	ug/m3
Tetrachloroethylene (PCE)	1.1	ug/m3	0.48	ug/m3	ND< 1.2	ug/m3	2.2	ug/m3	ND< 0.94	ug/m3	ND< 0.55	ug/m3
Toluene	85	ug/m3	13	ug/m3	13	ug/m3	9.8	ug/m3	15	ug/m3	5.5	ug/m3
Trichloroethylene (TCE)	ND< 0.22	ug/m3	ND< 0.096	ug/m3	ND< 0.25	ug/m3	ND< 0.097	ug/m3	ND< 0.19	ug/m3	ND< 0.11	ug/m3
Vinyl Chloride	ND< 0.21	ug/m3	ND< 0.091	ug/m3	ND< 0.23	ug/m3	ND< 0.093	ug/m3	ND< 0.18	ug/m3	ND< 0.10	ug/m3

Date Sampled	3/26/2025		3/26/2025		3/26/2025		3/26/2025	
Location	West Basement		West Basement		West Basement		West Basement	
Sample ID	SSV-4 20250326		AI-4 20250326		SSV-5 20250326		AI-5 20250326	
Analyte	Result	Unit	Result	Unit	Result	Unit	Result	Unit
1,1,1-Trichloroethane (TCA)	ND< 0.81	ug/m3	ND< 0.41	ug/m3	ND< 0.81	ug/m3	ND< 0.44	ug/m3
1,1-Dichloroethene	ND< 0.15	ug/m3	ND< 0.074	ug/m3	ND< 0.15	ug/m3	ND< 0.079	ug/m3
1,2,4-Trimethylbenzene	9.9	ug/m3	ND< 0.37	ug/m3	8.1	ug/m3	ND< 0.39	ug/m3
1,3,5-Trimethylbenzene (Mesitylene)	2.5	ug/m3	ND< 0.37	ug/m3	1.6	ug/m3	ND< 0.39	ug/m3
2,2,4-Trimethylpentane	11	ug/m3	0.38	ug/m3	11	ug/m3	0.34	ug/m3
Benzene	1.9	ug/m3	2.0	ug/m3	0.85	ug/m3	0.64	ug/m3
Carbon Tetrachloride	0.56	ug/m3	0.57	ug/m3	0.46	ug/m3	0.50	ug/m3
Cis-1,2-Dichloroethylene	ND< 0.15	ug/m3	ND< 0.074	ug/m3	ND< 0.15	ug/m3	ND< 0.079	ug/m3
Cyclohexane	0.56	ug/m3	ND< 0.26	ug/m3	ND< 0.51	ug/m3	ND< 0.28	ug/m3
Ethylbenzene	13	ug/m3	ND< 0.33	ug/m3	12	ug/m3	ND< 0.35	ug/m3
m,p-Xylene	19	ug/m3	0.68	ug/m3	17	ug/m3	ND< 0.70	ug/m3
Methylene Chloride	ND< 3.1	ug/m3	ND< 1.6	ug/m3	ND< 3.1	ug/m3	ND< 1.7	ug/m3
Naphthalene	ND< 1.6	ug/m3	ND< 0.79	ug/m3	ND< 1.5	ug/m3	ND< 0.84	ug/m3
N-Heptane	1.9	ug/m3	1.7	ug/m3	1.3	ug/m3	1.4	ug/m3
N-Hexane	2.0	ug/m3	0.37	ug/m3	1.2	ug/m3	0.34	ug/m3
O-Xylene (1,2-Dimethylbenzene)	6.8	ug/m3	ND< 0.33	ug/m3	6.2	ug/m3	ND< 0.35	ug/m3
Tetrachloroethylene (PCE)	ND< 1.0	ug/m3	ND< 0.51	ug/m3	ND< 1.0	ug/m3	ND< 0.54	ug/m3
Toluene	15	ug/m3	4.3	ug/m3	16	ug/m3	3.2	ug/m3
Trichloroethylene (TCE)	ND< 0.20	ug/m3	ND< 0.10	ug/m3	ND< 0.20	ug/m3	ND< 0.11	ug/m3
Vinyl Chloride	ND< 0.19	ug/m3	ND< 0.096	ug/m3	ND< 0.19	ug/m3	ND< 0.10	ug/m3

Note: ND = non-detect

Based on the comparison of sub-slab soil vapor to co-located indoor air samples using the applicable NYSDOH Matrix Tables, no further action is required. However, as part of the decommissioning process for an SSDS, a second round of sampling is required before the systems can be considered for formal decommissioning. The purpose of a second round of sampling is to determine if the continued use of the SSDS is required and to evaluate if a rebound effect is occurring underneath the building.

3.2 INDOOR AIR SAMPLES

Analytical results from indoor air samples that were collected from the 1st, 2nd, 3rd and 4th floors are summarized in Table 2. No indoor air exceedances of the NYSDOH Air Guideline Values for methylene chloride (60 micrograms per cubic meter (ug/m3)), tetrachloroethene (30 ug/m3), and trichloroethene (2 ug/m3) were detected. Analytical reports are attached in Appendix C. See Figures 3B-3C for soil vapor sampling locations.

VOCs were detected in all indoor air samples that were collected from the 1st, 2nd, 3rd and 4th floors. No VOCs were detected at concentrations exceeding NYSDOH Guidelines for Ambient Air and NYSDOH Immediate Action Levels.

3.3 OUTDOOR AMBIENT AIR SAMPLE

Outdoor ambient air sample results are presented in Table 3. Analytical reports are attached in Appendix C. See Figure 3B for the sample location.

4.0 DISCUSSION AND CONCLUSIONS

4.1 VAPOR, INDOOR AIR, AND OUTDOOR AMBIENT AIR SAMPLES

1. A total of five (5) sub-slab soil vapor with co-located indoor air samples, eight (8) additional indoor air samples, and one (1) outdoor ambient air sample were collected throughout the subject property, for a total of nineteen (19) samples.

2. Low concentrations of petroleum-related compounds and chlorinated VOCs were detected during this sampling event, requiring no further action in accordance with NYSDOH Vapor Intrusion Decision Matrices.

5.0 RECOMMENDATIONS

1. The NYSDOH Guidance Document contains six (6) Matrix Tables, incorporating a total of twenty-one (21) volatile organic compounds. Based on the concentrations of these compounds detected in soil vapor and co-located ambient air samples, a soil vapor intrusion (SVI) does not appear to exist at the site.

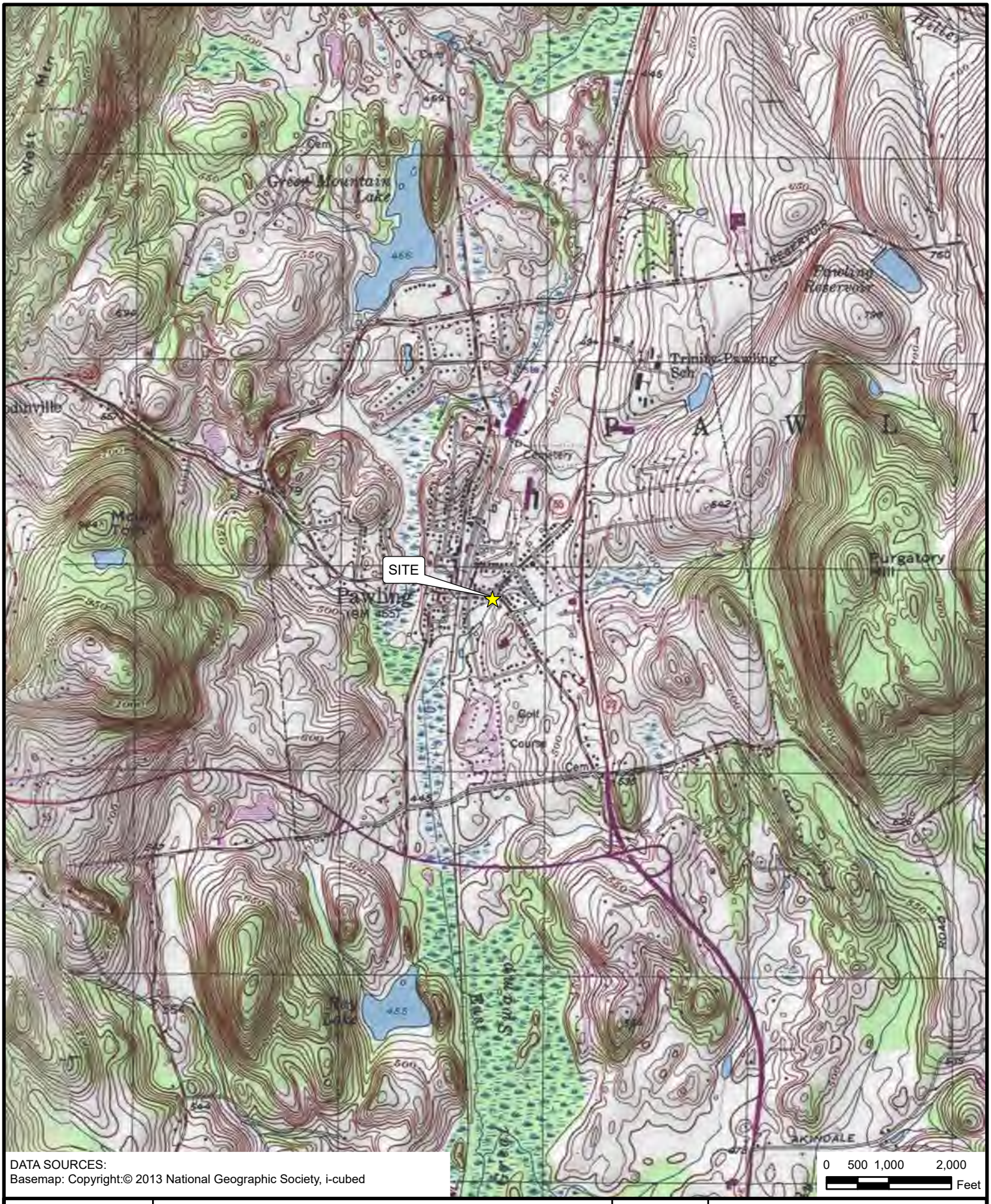
2. Low concentrations of VOCs were detected in indoor air samples collected from the 1st, 2nd, 3rd and 4th, which do not appear to be related to a SVI.

3. Based on the comparison of sub-slab soil vapor to co-located indoor air samples using the applicable NYSDOH Matrix Tables, no further action is required. However, as part of the decommissioning process for an SSDS, a second round of sampling, conducted during the 2025/206 heating season, is required before the systems can be considered for formal decommissioning. The purpose of a second round of sampling is to determine if the continued use of the SSDS is required and to evaluate if a rebound effect is occurring underneath the building. PVE will draft a letter work plan for submittal to NYSDEC and NYSDOH for review and acceptance. The scope of the work plan will be limited to sub-slab vapor samples and co-located ambient air samples in the basement of the structure.

4. Both SSD systems are permitted to be turned off at this time, and will be considered for decommissioning following the receipt of the 2025/2026 SVI data.

5. PVE will prepare a Periodic Review Report (PRR) in accordance with the 2012 Site Management Plan (SMP) on an annual basis.

FIGURES



DATA SOURCES:
Basemap: Copyright:© 2013 National Geographic Society, i-cubed

PVE
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

SITE LOCATION MAP

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

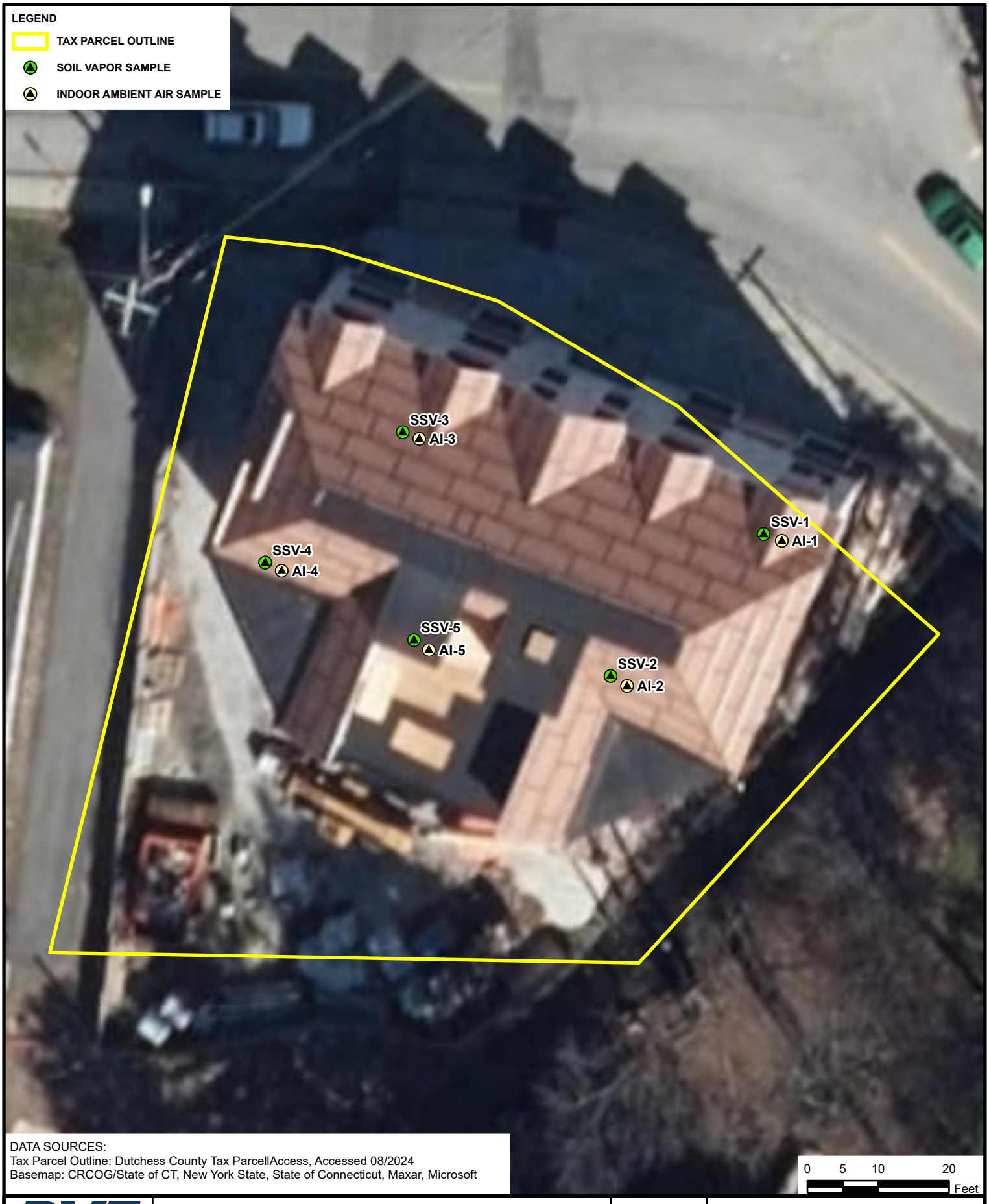
PROJECT NO.	FIGURE 1
20240302	DATE: 08/19/2024
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE

PVE
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

SELECTED SITE FEATURES

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO.	FIGURE 2
20240302	DATE: 08/19/2024
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



PVE
48 Springside Avenue
Poughkeepsie, NY 12603
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Fax: 845.454.2655

BASEMENT SAMPLE LOCATIONS

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302

N

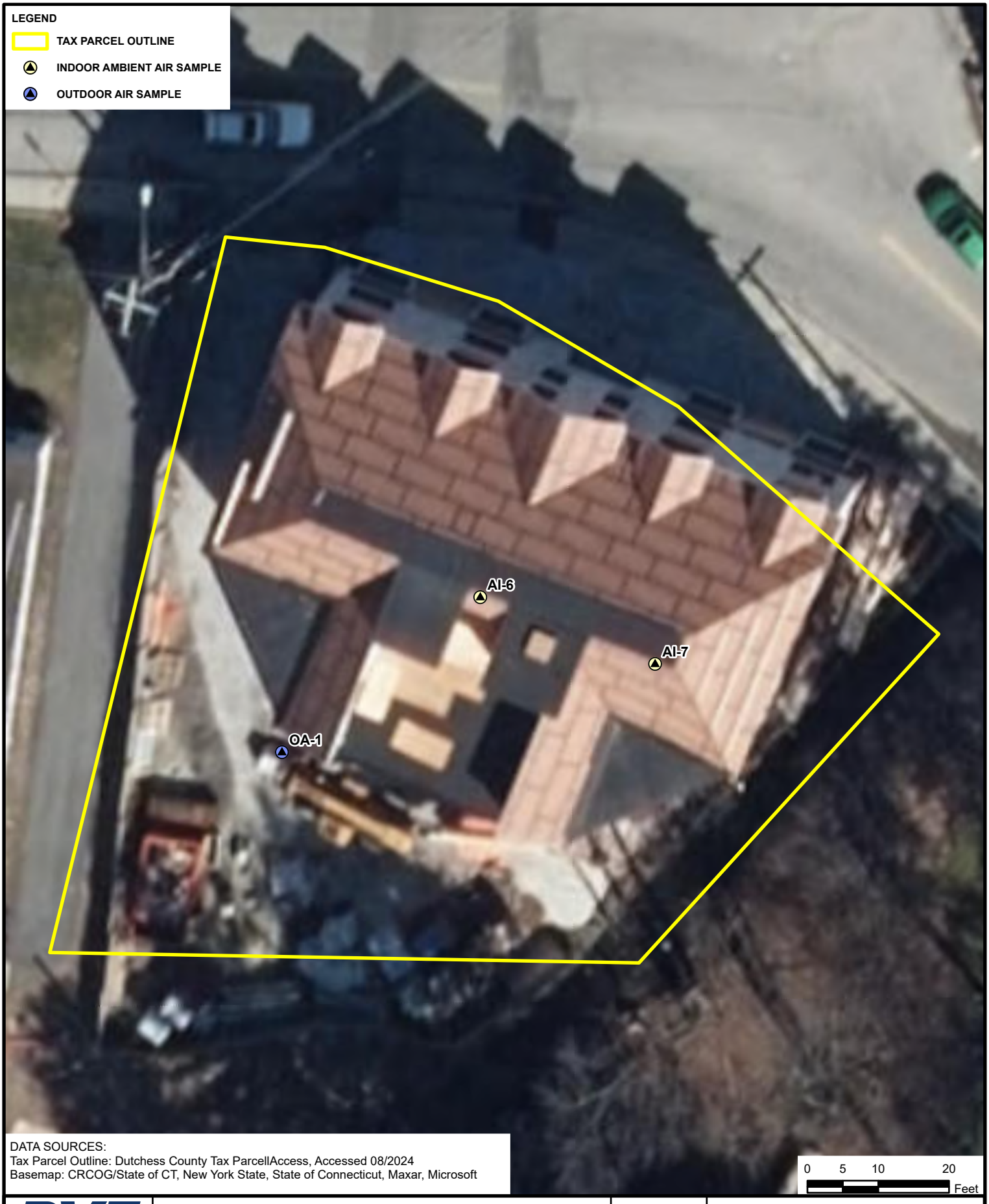
FIGURE 3A

DATE: 08/19/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Dutchess County Tax ParcellAccess, Accessed 08/2024
Basemap: CRCOG/State of CT, New York State, State of Connecticut, Maxar, Microsoft

PVE
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Poughkeepsie, NY 12603
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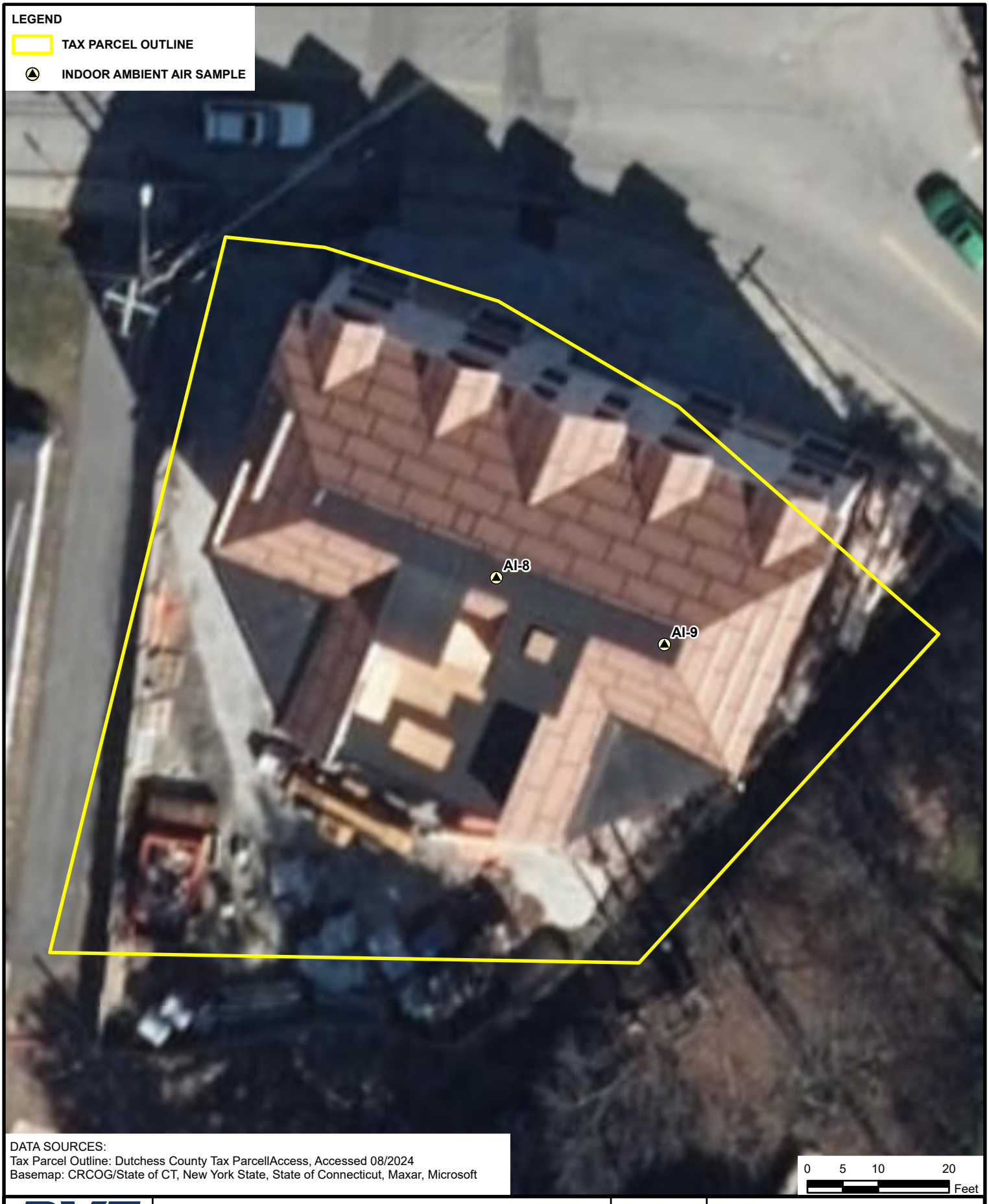
FIRST FLOOR AND OUTDOOR AMBIENT AIR SAMPLE LOCATIONS

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302	**FIGURE 3B**
N	DATE: 08/19/2024
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



PVE
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

SECOND FLOOR SAMPLE LOCATIONS

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302

N

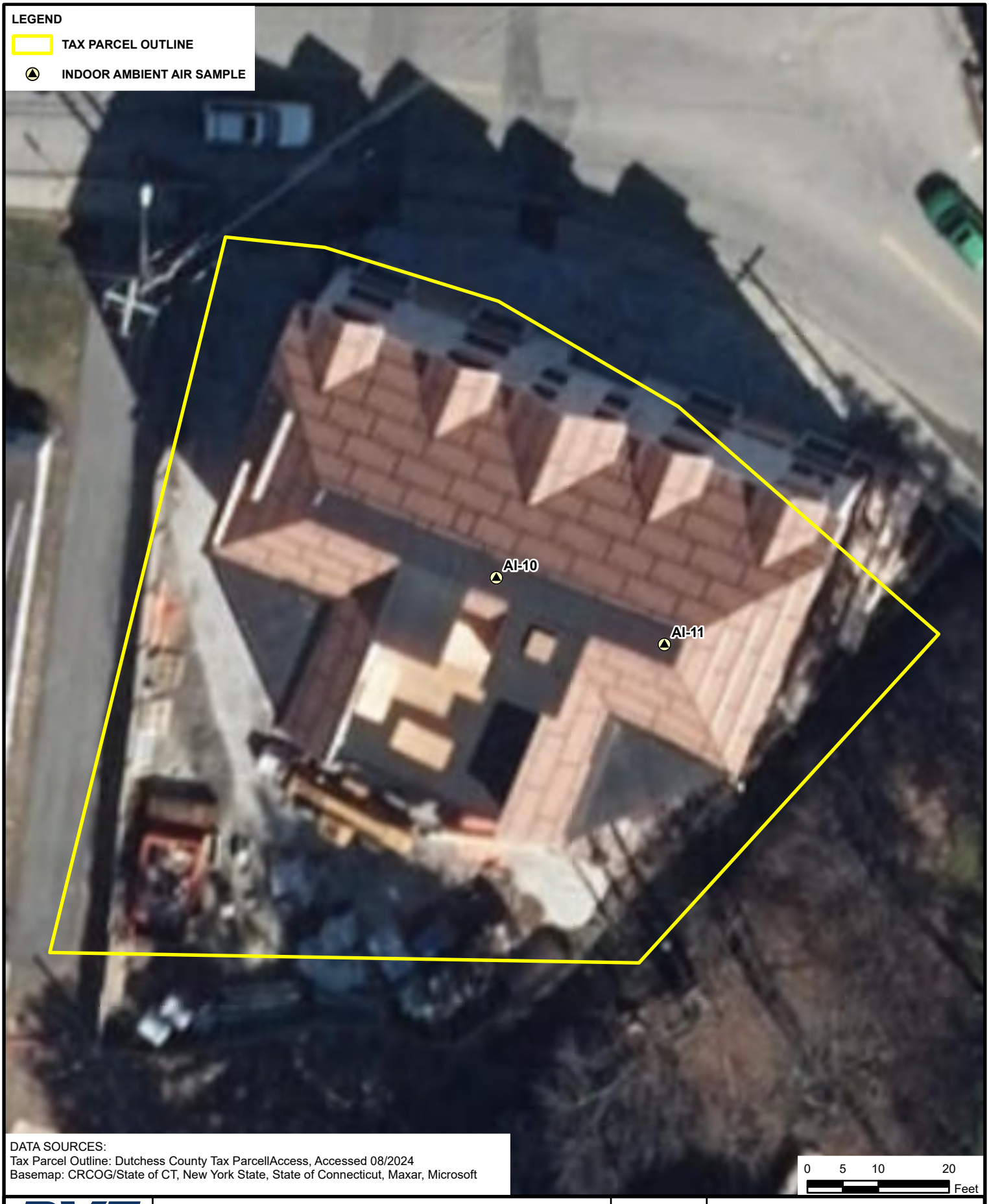
FIGURE 3C

DATE: 08/19/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



PVE
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

THIRD FLOOR SAMPLE LOCATIONS

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302

N

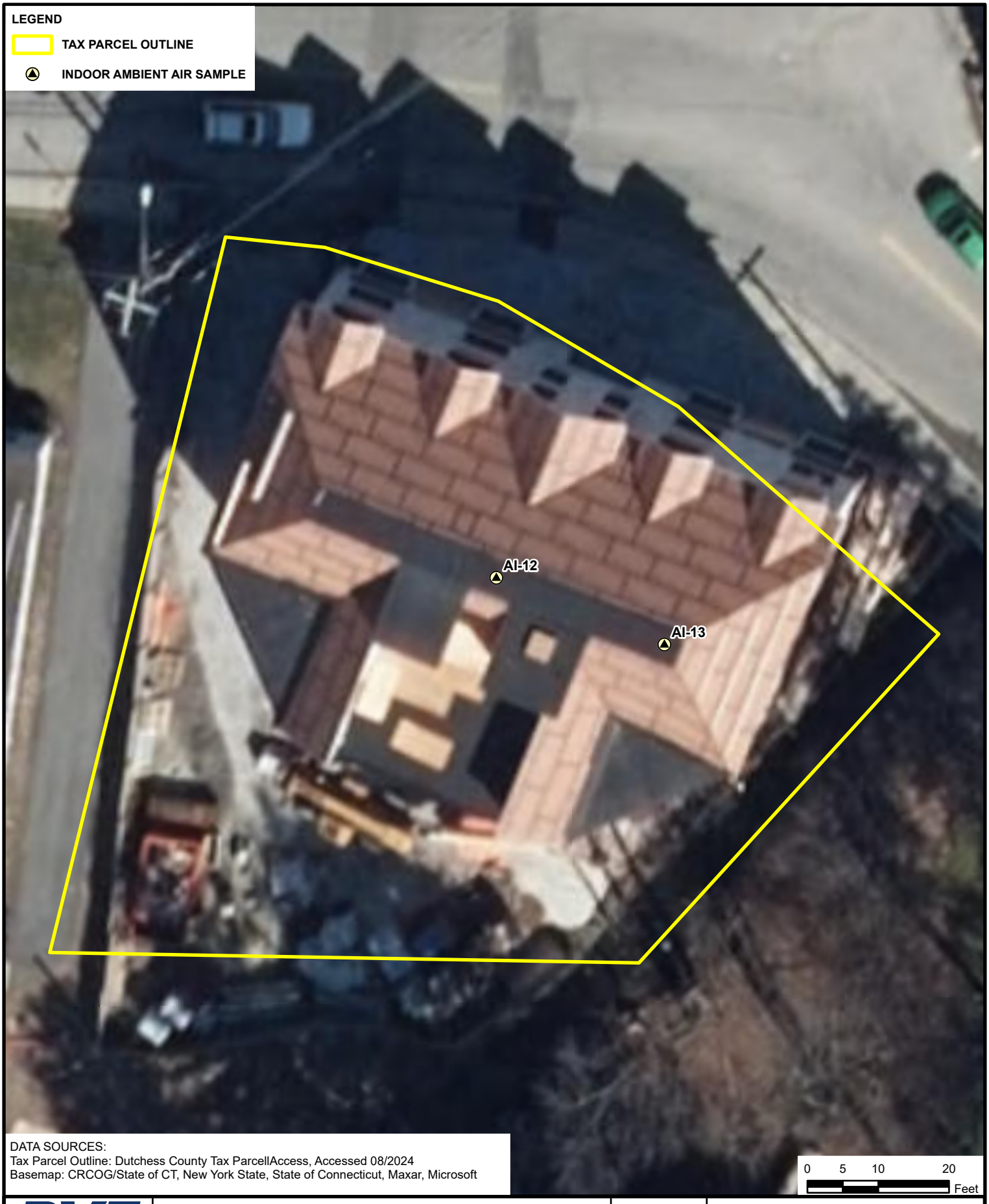
FIGURE 3D

DATE: 08/19/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Dutchess County Tax ParcellAccess, Accessed 08/2024
Basemap: CRCOG/State of CT, New York State, State of Connecticut, Maxar, Microsoft

0 5 10 20 Feet

PVE
48 Springside Avenue
Poughkeepsie, NY 12603
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FOURTH FLOOR SAMPLE LOCATIONS

33 EAST MAIN STREET, TOWN OF PAWLING
DUTCHESS COUNTY, NEW YORK

PROJECT NO. 20240302

N

FIGURE 3E

DATE: 08/19/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - VOCs in Basement Samples
Compared to NYSDOH Decision Matrices
33 East Main Street, Village of Pawling, New York
PVE File #20240302

	Date Sampled	3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025		
	Location	East Basement			East Basement			East Basement			East Basement			West Basement			West Basement			West Basement			West Basement			West Basement			West Basement		
	Sample ID	SSV-1 20250326			AI-1 20250326			SSV-2 20250326			AI-2 20250326			SSV-3 20250326			AI-3 20250326			SSV-4 20250326			AI-4 20250326			SSV-5 20250326			AI-5 20250326		
Analyte	CAS RN	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	ND< 1.1	ug/m3	U	ND< 0.49	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	ND< 0.90	ug/m3	U	ND< 0.39	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.75	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.81	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.81	ug/m3	U	ND< 0.44	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	ND< 1.1	ug/m3	U	ND< 0.49	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ND< 1.3	ug/m3	U	0.60	ug/m3		ND< 1.4	ug/m3	U	0.61	ug/m3		ND< 1.1	ug/m3	U	0.62	ug/m3		ND< 1.1	ug/m3	U	0.63	ug/m3		ND< 1.1	ug/m3	U	0.61	ug/m3	
1,1,2-Trichloroethane	79-00-5	ND< 0.90	ug/m3	U	ND< 0.39	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.75	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.81	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.81	ug/m3	U	ND< 0.44	ug/m3	U
1,1-Dichloroethane	75-34-3	ND< 0.67	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.74	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.32	ug/m3	U
1,1-Dichloroethene	75-35-4	ND< 0.16	ug/m3	U	ND< 0.071	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.072	ug/m3	U	ND< 0.14	ug/m3	U	ND< 0.080	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.074	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.079	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	ND< 1.2	ug/m3	U	ND< 0.53	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.54	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.60	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.60	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	2.0	ug/m3		0.49	ug/m3		7.5	ug/m3		1.6	ug/m3		10	ug/m3		0.59	ug/m3		9.9	ug/m3		ND< 0.37	ug/m3	U	8.1	ug/m3		ND< 0.39	ug/m3	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ND< 1.3	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.58	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.62	ug/m3	U
1,2-Dichlorobenzene	95-50-1	ND< 0.99	ug/m3	U	ND< 0.43	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.48	ug/m3	U
1,2-Dichloroethane	107-06-2	ND< 0.67	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.74	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.32	ug/m3	U
1,2-Dichloropropane	78-87-5	ND< 0.76	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.84	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.37	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	ND< 1.1	ug/m3	U	ND< 0.50	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.51	ug/m3	U	ND< 0.96	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.52	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.56	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ND< 0.81	ug/m3	U	ND< 0.35	ug/m3	U	1.8	ug/m3		0.89	ug/m3		2.3	ug/m3		ND< 0.40	ug/m3	U	2.5	ug/m3		ND< 0.37	ug/m3	U	1.6	ug/m3		ND< 0.39	ug/m3	U
1,3-Butadiene	106-99-0	ND< 1.1	ug/m3	U	ND< 0.47	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.92	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.98	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.98	ug/m3	U	ND< 0.53	ug/m3	U
1,3-Dichlorobenzene	541-73-1	ND< 0.99	ug/m3	U	ND< 0.43	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.48	ug/m3	U
1,3-Dichloropropane	142-28-9	ND< 0.76	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.84	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.37	ug/m3	U
1,4-Dichlorobenzene	106-46-7	ND< 0.99	ug/m3	U	ND< 0.43	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.48	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	ND< 1.2	ug/m3	U	ND< 0.52	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.58	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.54	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.58	ug/m3	U
2,2,4-Trimethylpentane	540-84-1	ND< 0.38	ug/m3	U	2.0	ug/m3		1.4	ug/m3		0.71	ug/m3		1.7	ug/m3		0.45	ug/m3		11	ug/m3		0.38	ug/m3		11	ug/m3		0.34	ug/m3	
2-Hexanone	591-78-6	ND< 1.3	ug/m3	U	ND< 0.59	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.59	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.66	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.61	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.66	ug/m3	U
4-Ethyltoluene	622-96-8	1.9	ug/m3		0.46	ug/m3		7.2	ug/m3		3.0	ug/m3		9.4	ug/m3		0.40	ug/m3		8.9	ug/m3		ND< 0.37	ug/m3	U	7.8	ug/m3		ND< 0.39	ug/m3	U
Acetone	67-64-1	25	ug/m3		49	ug/m3		7.7	ug/m3		37	ug/m3		17	ug/m3		28	ug/m3		33	ug/m3		23	ug/m3		38	ug/m3		12	ug/m3	
Acrylonitrile	107-13-1	ND< 4.6	ug/m3	U	3.9	ug/m3		ND< 5.1	ug/m3	U	8.2	ug/m3		ND< 3.9	ug/m3	J	6.2	ug/m3		6.7	ug/m3		12	ug/m3		ND< 4.2	ug/m3	J	ND< 2.3	ug/m3	J
Allyl Chloride (3-Chloropropene)	107-05-1	ND< 2.6	ug/m3	U	ND< 1.1	ug/m3	U	ND< 2.9	ug/m3	U	ND< 1.1	ug/m3	U	ND< 2.2	ug/m3	U	ND< 1.3	ug/m3	U	ND< 2.3	ug/m3	U	ND< 1.2	ug/m3	U	ND< 2.3	ug/m3	U	ND< 1.3	ug/m3	U
Benzene	71-43-2	0.89	ug/m3		2.0	ug/m3		0.82	ug/m3		1.4	ug/m3		0.93	ug/m3		1.2	ug/m3		1.9	ug/m3		2.0	ug/m3		0.85	ug/m3		0.64	ug/m3	
Benzyl Chloride	100-44-7	ND< 0.85	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.94	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.71	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.76	ug/m3	U	ND< 0.42	ug/m3	U
Bromodichloromethane	75-27-4	ND< 1.1	ug/m3	U	ND< 0.48	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.92	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.54	ug/m3	U
Bromoform	75-25-2	ND< 1.7	ug/m3	U	ND< 0.74	ug/m3	U	ND< 1.9	ug/m3	U	ND< 0.75	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.83	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.77	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.83	ug/m3	U
Bromomethane	74-83-9	ND< 0.64	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.71	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.31	ug/m3	U
Carbon Disulfide	75-15-0	ND< 0.51	ug/m3	U	ND< 0.22	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.25	ug/m3	U	0.78	ug/m3		ND< 0.23	ug/m3	U	0.69	ug/m3		ND< 0.25	ug/m3	U
Carbon Tetrachloride	56-23-5	0.83	ug/m3		0.49	ug/m3		0.46	ug/m3		0.55	ug/m3		0.43	ug/m3		0.51	ug/m3		0.56	ug/m3		0.57	ug/m3		0.46	ug/m3		0.50	ug/m3	
Chlorobenzene	108-90-7	ND< 0.76	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.84	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.37	ug/m3	U
Chloroethane	75-00-3	ND< 0.43	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.21	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.21	ug/m3	U
Chloroform	67-66-3	ND< 0.80	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.35	ug/m3	U	1.5	ug/m3		ND< 0.39	ug/m3	U	ND< 0.72	ug/m3	U	ND< 0.37	ug/m3	U	1.1	ug/m3		ND< 0.39	ug/m3	U
Chloromethane	74-87-3	1.3	ug/m3		1.2	ug/m3		ND< 0.38	ug/m3	U	1.3	ug/m3		ND< 0.28	ug/m3	U	1.0	ug/m3		0.79	ug/m3		1.4	ug/m3		ND< 0.30	ug/m3	U	0.91	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	ND< 0.16	ug/m3	U	ND< 0.071	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.072	ug/m3	U	ND< 0.14	ug/m3	U	ND< 0.080	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.074	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.079	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	ND< 0.75	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.36	ug/m3	U
Cyclohexane	110-82-7	ND< 0.57	ug/m3	U	0.47	ug/m3		ND< 0.63	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.28	ug/m3	U	0.56	ug/m3		ND< 0.26	ug/m3	U	ND< 0.51	ug/m3	U	ND< 0.28	ug/m3	U
Dibromochloromethane	124-48-1	ND< 1.4	ug/m3	U	ND< 0.61	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.69	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.64	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.68	ug/m3	U
Dichlorodifluoromethane	75-71-8	3.7	ug/m3		2.5	ug/m3		2.7	ug/m3		2.5	ug/m3		2.7	ug/m3		2.5	ug/m3		2.6	ug/m3		2.4	ug/m3		2.6	ug/m3		2.4	ug/m3	
Ethyl Acetate	141-78-6	20	ug/m3		79	ug/m3		1.4	ug/m3		6.7	ug/m3		ND< 0.99	ug/m3	U	3.2	ug/m3		1.1	ug/m3		0.65	ug/m3		5.8	ug/m3		0.81	ug/m3	
Ethylbenzene	100-41-4	5.0	ug/m3		1.4	ug/m3		11	ug/m3		5.9	ug/m3		14	ug/m3		0.35	ug/m3		13	ug/m3		ND< 0.33	ug/m3	U	12	ug/m3		ND< 0.35	ug/m3	U
Hexachlorobutadiene	87-68-3	ND< 1.8	ug/m3	U	ND< 0.76	ug/m3	U	ND< 1.9	ug/m3	U	ND< 0.77	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.86	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.80	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.86	ug/m3	U
Isopropanol	67-63-0	18	ug/m3		12	ug/m3		6.8	ug/m3		6.1	ug/m3		7.3	ug/m3		2.9	ug/m3		3.1	ug/m3		1.6	ug/m3		5.7	ug/m3		1.4	ug/m3	
m,p-Xylene	179601-23-1	13	ug/m3		3.0	ug/m3		16	ug/m3		13	ug/m3		20	ug/m3		1.0	ug/m3		19	ug/m3		0.68	ug/m3		17	ug/m3		ND< 0.70	ug/m3	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	4.4	ug/m3		2.0	ug/m3		1.0	ug/m3		2.7	ug/m3		2.1	ug/m3		2.7	ug/m3		1.9	ug/m3		3.5	ug/m3		2.5	ug/m3		2.5	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	7.8	ug/m3		0.88	ug/m3		ND< 0.75	ug/m3	U	0.50	ug/m3		ND< 0.56	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.33	ug/m3	U
Methyl Methacrylate	80-62-6	ND< 0.67	ug/m3	U	0.79	ug/m3		ND< 0.75	ug/m3	U	0.50	ug/m3		ND< 0.56	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.33	ug/m3	U
Methylene Chloride	75-09-2	ND< 3.4	ug/m3	U	ND< 1.5	ug/m3	J	ND< 3.8	ug/m3	U	ND< 1.5	ug/m3	J	ND< 2.9	ug/m3	U	ND< 1.7	ug/m3	U	ND< 3.1	ug/m3	U	ND< 1.6	ug/m3	U	ND< 3.1	ug/m3	U	ND< 1.7	ug/m3	U
Naphthalene	91-20-3	ND< 1.7	ug/m3	U	ND< 0.75	ug/m3	U	ND< 1.9	ug/m3	U	ND< 0.76	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.84	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.79	ug/m3	U	ND< 1.5	ug/m3	U	ND< 0.84	ug/m3	U
N-Heptane	142-82-5	0.88	ug/m3		5.5	ug/m3		1.1	ug/m3		3.9	ug/m3		1.3	ug/m3		2.7	ug/m3		1.9	ug/m3		1.7	ug/m3		1.3	ug/m3		1.4	ug/m3	
N-Hexane	110-54-3	0.87	ug/m3		1.5	ug/m3		1.0	ug/m3		0.74	ug/m3		1.2	ug/m3		0.54	ug/m3		2.0	ug/m3		0.37	ug/m3		1.2	ug/m3		0.34	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	3.4	ug/m3		0.96	ug/m3		5.9	ug/m3		6.3	ug/m3		7.2	ug/m3		0.42	ug/m3		6.8	ug/m3		ND< 0.33	ug/m3	U	6.2	ug/m3		ND< 0.35	ug/m3	U
Propylene	115-07-1	0.71	ug/m3		1.6	ug/m3		0.44	ug/m3		1.6	ug/m3		1.7	ug/m3		2.0	ug/m3		2.1	ug/m3		1.6	ug/m3		1.7	ug/m3		1.4	ug/m3	
Styrene	100-42-5	ND< 0.70	ug/m3	U	0.40	ug/m3		ND< 0.78	ug/m3	U	1.3	ug/m3		ND< 0.59	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.34	ug/m3	U
Tert-Butyl Methyl Ether	1634-04-4	ND< 0.59	ug/m3	U	ND< 0.26	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.26	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.27	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.29	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	1.1	ug/m3		0.48	ug/m3		ND< 1.2	ug/m3	U	2.2	ug/m3		ND< 0.94	ug/m3	U	ND< 0.55	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.51	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.54	ug/m3	U
Tetrahydrofuran	109-99-9	ND< 0.97	ug/m3	U	ND< 0.42	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.81	ug/m3	U	1.5	ug/m3		ND< 0.87	ug/m3	U	1.3	ug/m3		1.0	ug/m3		0.99	ug/m3	
Toluene	108-88-3	85	ug/m3		13	ug/m3		13	ug/m3		9.8	ug/m3		15	ug/m3		5.5	ug/m3		15	ug/m3		4.3	ug/m3		16	ug/m3		3.2	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	ND< 0.65	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.72	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.55	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.59	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.59	ug/m3	U	ND< 0.32	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	ND< 0.75	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.83	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.36	ug/m3	U
Trichloroethylene (TCE)	79-01-6	ND< 0.22	ug/m3	U	ND< 0.096	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.097	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.11	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.10	ug/m3	U	ND< 0.20	ug/m3	U	ND< 0.11	ug/m3	U
Trichlorofluoromethane	75-69-4	1.9	ug/m3		1.4	ug/m3		1.5	ug/m3		1.4	ug/m3		1.5	ug/m3		1.4	ug/m3		1.4	ug/m3		1.4	ug/m3		1.5	ug/m3		1.3	ug/m3	
Vinyl Acetate	108-05-4	ND< 0.58	ug/m3	U	0.93	ug/m3		ND< 0.64	ug/m3	U	ND< 0.26	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.26	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.28	ug/m3	U
Vinyl Bromide	593-60-2	ND< 0.72	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.35	ug/m3	U
Vinyl Chloride	75-01-4	ND< 0.21	ug/m3	U	ND< 0.091	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.093	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.10	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.096	ug/m3	U	ND< 0.19	ug/m3	U	ND< 0.10	ug/m3	U

Notes:
Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion
in the State of New York - 2017 & 2024 Revised Decision Matrices A, B, C, D, E, & F;
Green shading indicates "No Further Action";
NE = No standard established;
ND and U = Not detected at Method Detection Limit for sample; &
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit.

Table 2 - VOCs in Ambient Indoor Air Samples
Compared to NYSDOH Guidances
33 East Main Street, Village of Pawling, New York
PVE File #20240302

				Date Sampled	3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025			3/26/2025		
				Location	1st Floor Hallway			Toy Store - 1st Floor			2nd Floor Lobby			2nd Floor Staircase			3rd Floor Lobby			3rd Floor Staircase			4th Floor Lobby			4th Floor Staircase		
				Sample ID	AI-6 20250326			AI-7 20250326			AI-8 20250326			AI-9 20250326			AI-10 20250326			AI-11 20250326			AI-12 20250326			AI-13 20250326		
Analyte	CAS RN	NYSDOH AIR GUIDELINE VALUES	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	NE		ND< 0.54	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.59	ug/m3	U	ND< 0.91	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.60	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	NE		ND< 0.43	ug/m3	U	ND< 0.51	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.73	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.47	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	NE		ND< 0.54	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.59	ug/m3	U	ND< 0.91	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.60	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE		0.60	ug/m3		ND< 0.72	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.66	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.73	ug/m3	U	0.67	ug/m3	
1,1,2-Trichloroethane	79-00-5	NE		ND< 0.43	ug/m3	U	ND< 0.51	ug/m3	U	ND< 0.49	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.73	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.47	ug/m3	U
1,1-Dichloroethane	75-34-3	NE		ND< 0.32	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.35	ug/m3	U
1,1-Dichloroethene	75-35-4	NE		ND< 0.077	ug/m3	U	ND< 0.093	ug/m3	U	ND< 0.088	ug/m3	U	ND< 0.085	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.090	ug/m3	U	ND< 0.095	ug/m3	U	ND< 0.086	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	NE		ND< 0.58	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.71	ug/m3	U	ND< 0.65	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	NE		0.38	ug/m3		0.55	ug/m3		0.57	ug/m3		ND< 0.42	ug/m3	U	ND< 0.65	ug/m3	U	0.45	ug/m3		0.61	ug/m3		8.9	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE		ND< 0.60	ug/m3	U	ND< 0.72	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.66	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.74	ug/m3	U	ND< 0.67	ug/m3	U
1,2-Dichlorobenzene	95-50-1	NE		ND< 0.47	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.55	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.52	ug/m3	U
1,2-Dichloroethane	107-06-2	NE		ND< 0.32	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.35	ug/m3	U
1,2-Dichloropropane	78-87-5	NE		ND< 0.36	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.40	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	NE		ND< 0.55	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.61	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NE		ND< 0.38	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.47	ug/m3	U	3.0	ug/m3	
1,3-Butadiene	106-99-0	NE		ND< 0.52	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.59	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.88	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.58	ug/m3	U
1,3-Dichlorobenzene	541-73-1	NE		ND< 0.47	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.55	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.52	ug/m3	U
1,3-Dichloropropane	142-28-9	NE		ND< 0.36	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.40	ug/m3	U
1,4-Dichlorobenzene	106-46-7	NE		ND< 0.47	ug/m3	U	ND< 0.56	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.55	ug/m3	U	0.81	ug/m3		0.58	ug/m3	
1,4-Dioxane (P-Dioxane)	123-91-1	NE		ND< 0.56	ug/m3	U	ND< 0.67	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.96	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.63	ug/m3	U
2,2,4-Trimethylpentane	540-84-1	NE		0.29	ug/m3		0.52	ug/m3		0.67	ug/m3		0.56	ug/m3		ND< 0.31	ug/m3	U	0.51	ug/m3		ND< 0.22	ug/m3	U	0.53	ug/m3	
2-Hexanone	591-78-6	NE		ND< 0.64	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.73	ug/m3	U	ND< 0.71	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.74	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.71	ug/m3	U
4-Ethyltoluene	622-96-8	NE		ND< 0.38	ug/m3	U	ND< 0.46	ug/m3	U	0.44	ug/m3		ND< 0.42	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.47	ug/m3	U	9.3	ug/m3	
Acetone	67-64-1	NE		27	ug/m3		68	ug/m3		55	ug/m3		14	ug/m3		30	ug/m3		28	ug/m3		59	ug/m3		22	ug/m3	
Acrylonitrile	107-13-1	NE		3.9	ug/m3		ND< 2.6	ug/m3	J	41	ug/m3		ND< 2.4	ug/m3	U	ND< 3.7	ug/m3	U	ND< 2.6	ug/m3	J	ND< 2.7	ug/m3	U	ND< 2.5	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1	NE		ND< 1.2	ug/m3	U	ND< 1.5	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.3	ug/m3	U	ND< 2.1	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.5	ug/m3	U	ND< 1.4	ug/m3	U
Benzene	71-43-2	NE		1.2	ug/m3		1.2	ug/m3		1.2	ug/m3		0.63	ug/m3		0.51	ug/m3		0.61	ug/m3		0.52	ug/m3		1.3	ug/m3	
Benzyl Chloride	100-44-7	NE		ND< 0.40	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.50	ug/m3	U	ND< 0.45	ug/m3	U
Bromodichloromethane	75-27-4	NE		ND< 0.52	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.89	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.58	ug/m3	U
Bromoform	75-25-2	NE		ND< 0.81	ug/m3	U	ND< 0.97	ug/m3	U	ND< 0.92	ug/m3	U	ND< 0.89	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.94	ug/m3	U	ND< 0.99	ug/m3	U	ND< 0.90	ug/m3	U
Bromomethane	74-83-9	NE		ND< 0.30	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.52	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.34	ug/m3	U
Carbon Disulfide	75-15-0	NE		ND< 0.24	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.27	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.28	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.27	ug/m3	U
Carbon Tetrachloride	56-23-5	NE		0.54	ug/m3		0.53	ug/m3		0.45	ug/m3		0.38	ug/m3		0.50	ug/m3		0.40	ug/m3		0.42	ug/m3		0.55	ug/m3	
Chlorobenzene	108-90-7	NE		ND< 0.36	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.61	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.44	ug/m3	U	ND< 0.40	ug/m3	U
Chloroethane	75-00-3	NE		ND< 0.21	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.24	ug/m3	U	ND< 0.25	ug/m3	U	ND< 0.23	ug/m3	U
Chloroform	67-66-3	NE		ND< 0.38	ug/m3	U	ND< 0.46	ug/m3	U	1.3	ug/m3		ND< 0.42	ug/m3	U	1.9	ug/m3		ND< 0.44	ug/m3	U	1.2	ug/m3		ND< 0.42	ug/m3	U
Chloromethane	74-87-3	NE		1.1	ug/m3		1.6	ug/m3		1.5	ug/m3		1.3	ug/m3		1.5	ug/m3		1.3	ug/m3		1.4	ug/m3		1.8	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	NE		ND< 0.077	ug/m3	U	ND< 0.093	ug/m3	U	ND< 0.088	ug/m3	U	ND< 0.085	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.090	ug/m3	U	ND< 0.095	ug/m3	U	ND< 0.086	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	NE		ND< 0.35	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.39	ug/m3	U
Cyclohexane	110-82-7	NE		ND< 0.27	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.46	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.30	ug/m3	U
Dibromochloromethane	124-48-1	NE		ND< 0.66	ug/m3	U	ND< 0.80	ug/m3	U	ND< 0.76	ug/m3	U	ND< 0.73	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.77	ug/m3	U	ND< 0.82	ug/m3	U	ND< 0.74	ug/m3	U
Dichlorodifluoromethane	75-71-8	NE		2.4	ug/m3		2.5	ug/m3		2.5	ug/m3		2.4	ug/m3		2.4	ug/m3		2.4	ug/m3		2.4	ug/m3		3.1	ug/m3	
Ethyl Acetate	141-78-6	NE		3.1	ug/m3		4.8	ug/m3		21	ug/m3		9.5	ug/m3		6.4	ug/m3		4.8	ug/m3		6.2	ug/m3		4.2	ug/m3	
Ethylbenzene	100-41-4	NE		0.34	ug/m3		0.69	ug/m3		0.66	ug/m3		0.41	ug/m3		ND< 0.58	ug/m3	U	0.55	ug/m3		ND< 0.42	ug/m3	U	0.45	ug/m3	
Hexachlorobutadiene	87-68-3	NE		ND< 0.83	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.95	ug/m3	U	ND< 0.92	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.97	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.93	ug/m3	U
Isopropanol	67-63-0	NE		2.6	ug/m3		8.4	ug/m3		170	ug/m3	E	5.1	ug/m3		25	ug/m3		6.8	ug/m3		52	ug/m3		12	ug/m3	
m,p-Xylene	179601-23-1	NE		0.88	ug/m3		1.8	ug/m3		1.7	ug/m3		1.0	ug/m3		ND< 1.2	ug/m3	U	1.4	ug/m3		1.0	ug/m3		1.6	ug/m3	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE		1.4	ug/m3		2.3	ug/m3		2.2	ug/m3		1.9	ug/m3		1.6	ug/m3		1.8	ug/m3		2.1	ug/m3		1.9	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE		ND< 0.32	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.36	ug/m3	U
Methyl Methacrylate	80-62-6	NE		ND< 0.32	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.54	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.36	ug/m3	U
Methylene Chloride	75-09-2	60	ug/m3	ND< 1.6	ug/m3	U	ND< 2.0	ug/m3	J	ND< 1.9	ug/m3	J	ND< 1.8	ug/m3	U	ND< 2.8	ug/m3	U	ND< 1.9	ug/m3	U	ND< 2.0	ug/m3	U	ND< 1.8	ug/m3	U
Naphthalene	91-20-3	NE		ND< 0.82	ug/m3	U	ND< 0.98	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.90	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.95	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.91	ug/m3	U
N-Heptane	142-82-5	NE		0.90	ug/m3		1.2	ug/m3		1.3	ug/m3		2.4	ug/m3		0.93	ug/m3		2.4	ug/m3		1.8	ug/m3		1.5	ug/m3	
N-Hexane	110-54-3	NE		0.30	ug/m3		1.0	ug/m3		0.60	ug/m3		0.49	ug/m3		ND< 0.47	ug/m3	U	0.51	ug/m3		0.41	ug/m3		0.77	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	NE		0.34	ug/m3		0.89	ug/m3		0.66	ug/m3		0.37	ug/m3		ND< 0.58	ug/m3	U	0.59	ug/m3		0.46	ug/m3		0.76	ug/m3	
Propylene	115-07-1	NE		0.99	ug/m3		2.2	ug/m3		ND< 0.15	ug/m3	U	ND< 0.15	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.16	ug/m3	U	ND< 0.15	ug/m3	U
Styrene	100-42-5	NE		ND< 0.33	ug/m3	U	0.88	ug/m3		0.80	ug/m3		ND< 0.37	ug/m3	U	ND< 0.57	ug/m3	U	ND< 0.39	ug/m3	U	0.86	ug/m3		ND< 0.37	ug/m3	U
Tert-Butyl Methyl Ether	1634-04-4	NE		ND< 0.28	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.48	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.31	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	30	ug/m3	ND< 0.53	ug/m3	U	ND< 0.63	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.90	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.65	ug/m3	U	1.1	ug/m3	
Tetrahydrofuran	109-99-9	NE		0.67	ug/m3		ND< 0.55	ug/m3	U	0.58	ug/m3		1.2	ug/m3		ND< 0.78	ug/m3	U	1.2	ug/m3		1.0	ug/m3		1.3	ug/m3	
Toluene	108-88-3	NE		2.8	ug/m3		6.1	ug/m3		5.0	ug/m3		4.2	ug/m3		2.5	ug/m3		4.2	ug/m3		4.5	ug/m3		5.0	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	NE		ND< 0.31	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.53	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.34	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	NE		ND< 0.35	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.60	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.43	ug/m3	U	ND< 0.39	ug/m3	U
Trichloroethylene (TCE)	79-01-6	2	ug/m3	ND< 0.10	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.18	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.13	ug/m3	U	ND< 0.12	ug/m3	U
Trichlorofluoromethane	75-69-4	NE		1.4	ug/m3		1.3	ug/m3		1.3	ug/m3		1.2	ug/m3		1.2	ug/m3		1.2	ug/m3		1.3	ug/m3		1.6	ug/m3	
Vinyl Acetate	108-05-4	NE		ND< 0.27	ug/m3	U	ND< 0.33	ug/m3	U	ND< 0.31	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.32	ug/m3	U	ND< 0.34	ug/m3	U	ND< 0.31	ug/m3	U
Vinyl Bromide	593-60-2	NE		ND< 0.34	ug/m3	U	ND< 0.41	ug/m3	U	ND< 0.39	ug/m3	U	ND< 0.38	ug/m3	U	ND< 0.58	ug/m3	U	ND< 0.40	ug/m3	U	ND< 0.42	ug/m3	U	ND< 0.38	ug/m3	U
Vinyl Chloride	75-01-4	NE		ND< 0.10	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.11	ug/m3	U	ND< 0.11	ug/m3	U	ND< 0.17	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.12	ug/m3	U	ND< 0.11	ug/m3	U

Notes:
Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion
in the State of New York - 2006 Table 3.1 Air Guidance Values for Indoor Air and Revisions
September 2013 and August 2015;
NE = No standard established;
ND and U = Not detected at Method Detection Limit for sample; &
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit.

Table 3 - VOCs in Ambient Outdoor Air Sample
33 East Main Street, Village of Pawling, New York
PVE File #20240302

	Date Sampled	3/26/2025		
	Location	AO-1		
	Sample ID	AO-1 20250326		
Analyte	CAS RN	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	ND< 0.52	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	ND< 0.41	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	ND< 0.52	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.64	ug/m3	
1,1,2-Trichloroethane	79-00-5	ND< 0.41	ug/m3	U
1,1-Dichloroethane	75-34-3	ND< 0.31	ug/m3	U
1,1-Dichloroethene	75-35-4	ND< 0.075	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	ND< 0.56	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	2.0	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ND< 0.58	ug/m3	U
1,2-Dichlorobenzene	95-50-1	ND< 0.45	ug/m3	U
1,2-Dichloroethane	107-06-2	ND< 0.31	ug/m3	U
1,2-Dichloropropane	78-87-5	ND< 0.35	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	ND< 0.53	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	1.0	ug/m3	
1,3-Butadiene	106-99-0	ND< 0.50	ug/m3	U
1,3-Dichlorobenzene	541-73-1	ND< 0.45	ug/m3	U
1,3-Dichloropropane	142-28-9	ND< 0.35	ug/m3	U
1,4-Dichlorobenzene	106-46-7	ND< 0.45	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	ND< 0.54	ug/m3	U
2,2,4-Trimethylpentane	540-84-1	0.18	ug/m3	
2-Hexanone	591-78-6	ND< 0.62	ug/m3	U
4-Ethyltoluene	622-96-8	1.9	ug/m3	
Acetone	67-64-1	4.2	ug/m3	
Acrylonitrile	107-13-1	ND< 2.1	ug/m3	J
Allyl Chloride (3-Chloropropene)	107-05-1	ND< 1.2	ug/m3	U
Benzene	71-43-2	0.48	ug/m3	
Benzyl Chloride	100-44-7	ND< 0.39	ug/m3	U
Bromodichloromethane	75-27-4	ND< 0.51	ug/m3	U
Bromoform	75-25-2	ND< 0.78	ug/m3	U
Bromomethane	74-83-9	ND< 0.29	ug/m3	U
Carbon Disulfide	75-15-0	ND< 0.24	ug/m3	U
Carbon Tetrachloride	56-23-5	0.52	ug/m3	
Chlorobenzene	108-90-7	ND< 0.35	ug/m3	U
Chloroethane	75-00-3	ND< 0.20	ug/m3	U
Chloroform	67-66-3	ND< 0.37	ug/m3	U
Chloromethane	74-87-3	0.97	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	ND< 0.075	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	ND< 0.34	ug/m3	U
Cyclohexane	110-82-7	ND< 0.26	ug/m3	U
Dibromochloromethane	124-48-1	ND< 0.64	ug/m3	U
Dichlorodifluoromethane	75-71-8	2.5	ug/m3	
Ethyl Acetate	141-78-6	ND< 0.54	ug/m3	U
Ethylbenzene	100-41-4	1.0	ug/m3	
Hexachlorobutadiene	87-68-3	ND< 0.81	ug/m3	U
Isopropanol	67-63-0	ND< 1.1	ug/m3	J
m,p-Xylene	179601-23-1	3.7	ug/m3	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.65	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ND< 0.31	ug/m3	U
Methyl Methacrylate	80-62-6	ND< 0.31	ug/m3	U
Methylene Chloride	75-09-2	ND< 1.6	ug/m3	U
Naphthalene	91-20-3	2.5	ug/m3	
N-Heptane	142-82-5	ND< 0.31	ug/m3	U
N-Hexane	110-54-3	ND< 0.27	ug/m3	U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	2.2	ug/m3	
Propylene	115-07-1	0.55	ug/m3	
Styrene	100-42-5	0.45	ug/m3	
Tert-Butyl Methyl Ether	1634-04-4	ND< 0.27	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	2.2	ug/m3	
Tetrahydrofuran	109-99-9	ND< 0.45	ug/m3	U
Toluene	108-88-3	1.2	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	ND< 0.30	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	ND< 0.34	ug/m3	U
Trichloroethylene (TCE)	79-01-6	ND< 0.10	ug/m3	U
Trichlorofluoromethane	75-69-4	1.4	ug/m3	
Vinyl Acetate	108-05-4	ND< 0.27	ug/m3	U
Vinyl Bromide	593-60-2	ND< 0.33	ug/m3	U
Vinyl Chloride	75-01-4	ND< 0.096	ug/m3	U

Notes:
All concentrations are in ug/m3 unless otherwise indicated; &
ND and U = Not detected at Method Detection Limit for sample.

Appendix A

Soil Vapor Sampling Log

VAPOR SAMPLING LOG

Project Name/Address: 33 East Main Street, Village of Pawling, Dutchess County, New York

PVE Project #: 20240302

Sampler(s): AJS/KMA

Weather: 25°F, fair; W/NW winds 15-20 mph

NOTES: _____

KEY

Location Type:
(A) Sub-slab
(B) Soil vapor probe, pre-fabricated (_____)
(C) Soil vapor probe, field constructed (Describe: _____)
(D) Ambient Air

Sampling Method:
(A) 1-L summa canister
(B) 6-L summa canister
(C) Other: _____

Purge Method:
(A) Peristaltic pump set to a flow rate .:0.2 L/min
(B) PID set to a flow rate .:0.2 L/min
(C) Other: _____

Apparent Moisture Content of Sampling Zone:
(A) Dry
(B) Moist
(C) Saturated

Sample ID	Location Type	Apparent Moisture	Sample Depth	Helium Tracer Test	Sampling Method	Purge Method	Purge Volume	Sample Start Date/Time	Sample End Date/Time	Canister ID	Regulator ID	Canister start vacuum	Canister end vacuum
SSV-1 20250326	A	A	8" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	03/26/2025 11:27	03/26/2025 17:49	37000	20451	-30"	-6"
AI-1 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:28	03/26/2025 17:36	24254	20438	-24"	-2"
SSV-2 20250326	A	A	8" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	03/26/2025 11:22	03/26/2025 17:46	50376	13571	-29"	-8"
AI-2 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:22	03/26/2025 17:34	18299	20439	-30"	-2"
SSV-3 20250326	A	A	8"	PASS	B	MultiRAE gas detector	1-3 volumes	03/26/2025 08:14	03/26/2025 16:44	34497	19428	-30"	-2"
AI-3 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 08:14	03/26/2025 16:46	34496	20233	-29"	-3"
SSV-4 20250326	A	A	8"	PASS	B	MultiRAE gas detector	1-3 volumes	03/26/2025 09:02	03/26/2025 16:51	50378	16421	-30"	-4"
AI-4 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 09:02	03/26/2025 16:51	52073	7087	-30"	-2"

SSV-5 20250326	A	A	8”	PASS	B	MultiRAE gas detector	1-3 volumes	03/26/2025 09:08	03/26/2025 17:13	49981	17895	-30+”	-4”
AI-5 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 09:08	03/26/2025 17:12	50305	16419	-30”	-2”
AI-6 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:38	03/26/2025 19:21	23800	20452	-30”	-3”
AI-7 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:33	03/26/2025 17:57	49576	16423	-28”	-7”
AI-8 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:48	03/27/2025 11:53	48303	20416	-30”	-8”
AI-9 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:47	03/27/2025 11:52	24058	19384	-30”	-6”
AI-10 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:51	03/27/2025 12:54	28314	19396	-30”	-14”
AI-11 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:51	03/27/2025 12:02	37794	20232	-30”	-8”
AI-12 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:54	03/27/2025 12:04	42997	20458	-30”	-8”
AI-13 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:55	03/27/2025 12:05	24163	20436	-30”	-6”
AO-1 20250326	D	A	N/A	N/A	B	N/A	N/A	03/26/2025 11:36	03/26/2025 19:32	50306	20442	-30”	-4”

Analytical Laboratory: York Analytical Date Shipped to Lab: March 27, 2025 Delivery Service: __FedEx __UPS X Courier

Appendix B

NYSDOH Indoor Air Quality Questionnaire and Building Inventory Center for Environmental Health Form and Photolog

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Anthony Spadavecchia Date/Time Prepared 3/26/2025 15:00

Preparer's Affiliation PVE, LLC Phone No. 845-454-2544

Purpose of Investigation Vapor Intrustion Investigation

1. OCCUPANT:

Interviewed: No

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Yes

Last Name: Tomassetti First Name: Diana

Address: 85 Charles Colman Blvd., Pawling, NY 12564

County: Dutchess

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	(Apartment House)	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? Four units on 2nd, 3rd and 4th floors

If the property is commercial, type?

Business Type(s) Toy store (eastern section); Insurance (western section)

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 4 Building age_____

Is the building insulated? Yes How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Outdoor air enters at three (3) northern doorway openings; and one (1) south doorway opening.

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy partially
i. The basement is:	finished	unfinished	finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

One (1) square (approximately 12" x 12") was previously cut into the concrete floor, located in the west and east basements.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? N / A

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

N/A.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (Seldom) Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage
1st Floor	Commercial
2nd Floor	Residential
3rd Floor	Residential
4th Floor	Residential

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?		No
b. Does the garage have a separate heating unit?		NA
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)		NA Please specify_____
d. Has the building ever had a fire?		No When?_____
e. Is a kerosene or unvented gas space heater present?		No Where? _____
f. Is there a workshop or hobby/craft area?	No	Where & Type? _____
g. Is there smoking in the building?	No	How frequently? _____
h. Have cleaning products been used recently?	No	When & Type? _____
i. Have cosmetic products been used recently?	No	When & Type? _____

j. Has painting/staining been done in the last 6 months? No Where & When? _____

k. Is there new carpet, drapes or other textiles? No Where & When? _____

l. Have air fresheners been used recently? No When & Type? _____

m. Is there a kitchen exhaust fan? N/A If yes, where vented?_____

n. Is there a bathroom exhaust fan? N/A If yes, where vented?_____

o. Is there a clothes dryer? N / A If yes, is it vented outside? Y / N

p. Has there been a pesticide application? No When & Type?_____

Are there odors in the building? No
If yes, please describe: _____

Do any of the building occupants use solvents at work? N / A
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Yes Date of Installation: unknown
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

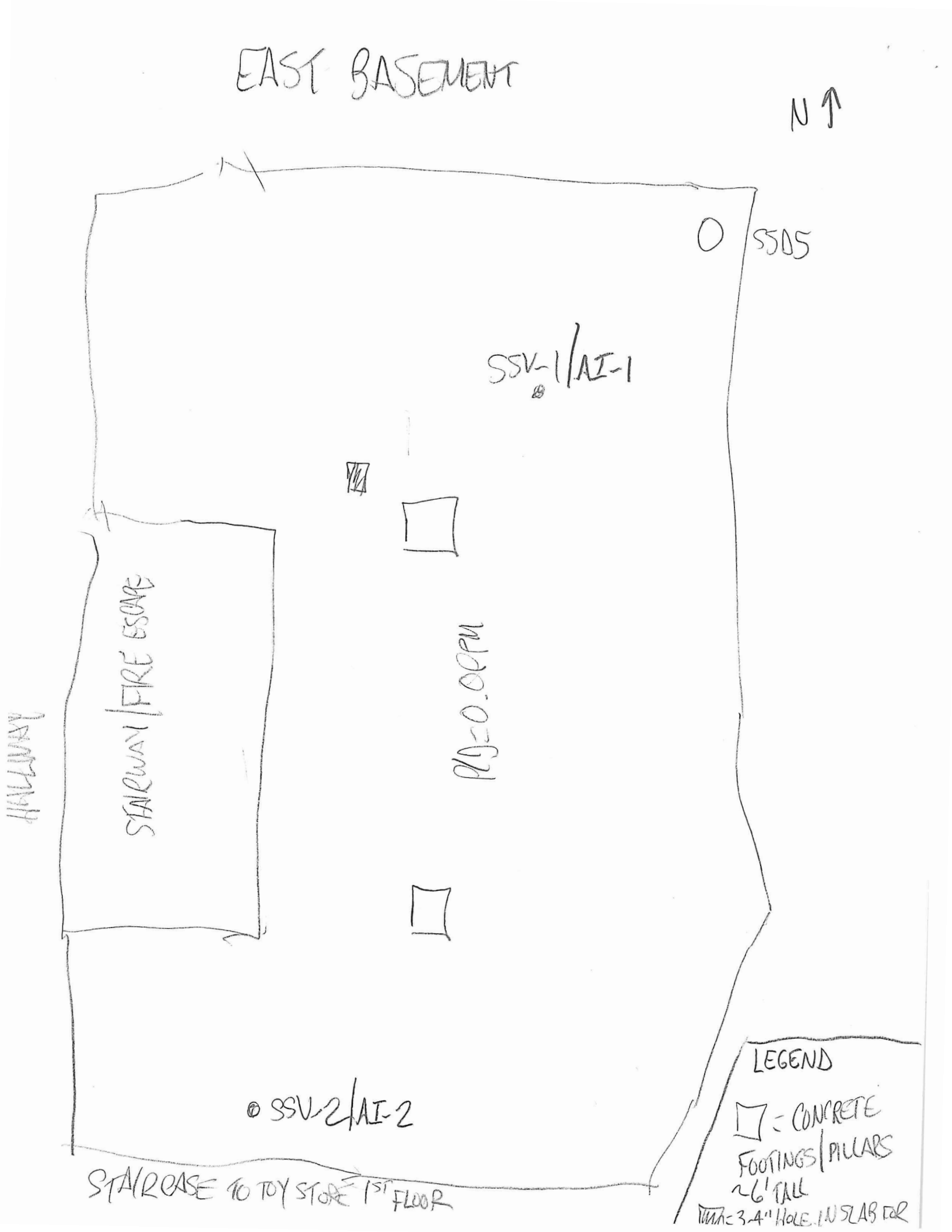
10. RELOCATION INFORMATION (for oil spill residential emergency)

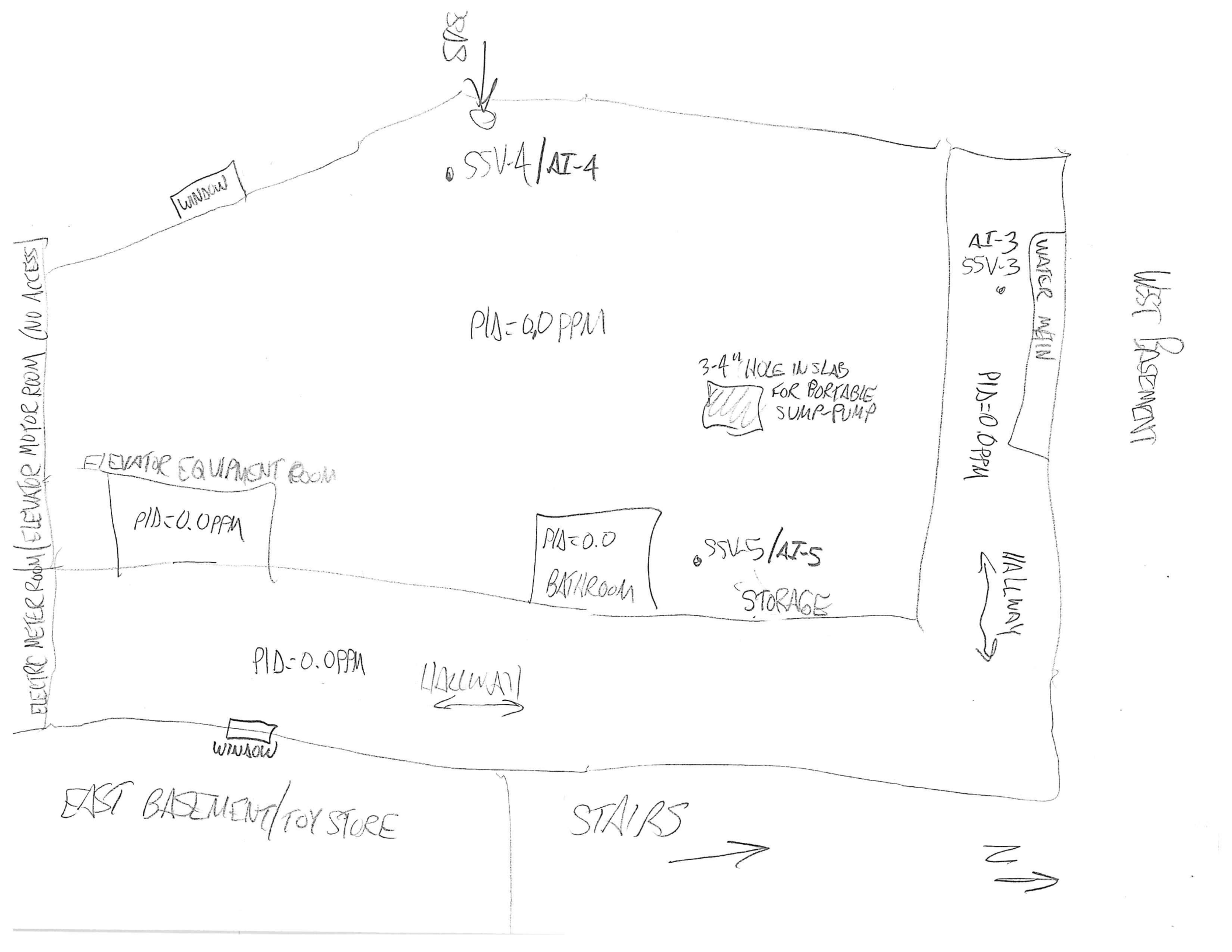
a. Provide reasons why relocation is recommended: N/A

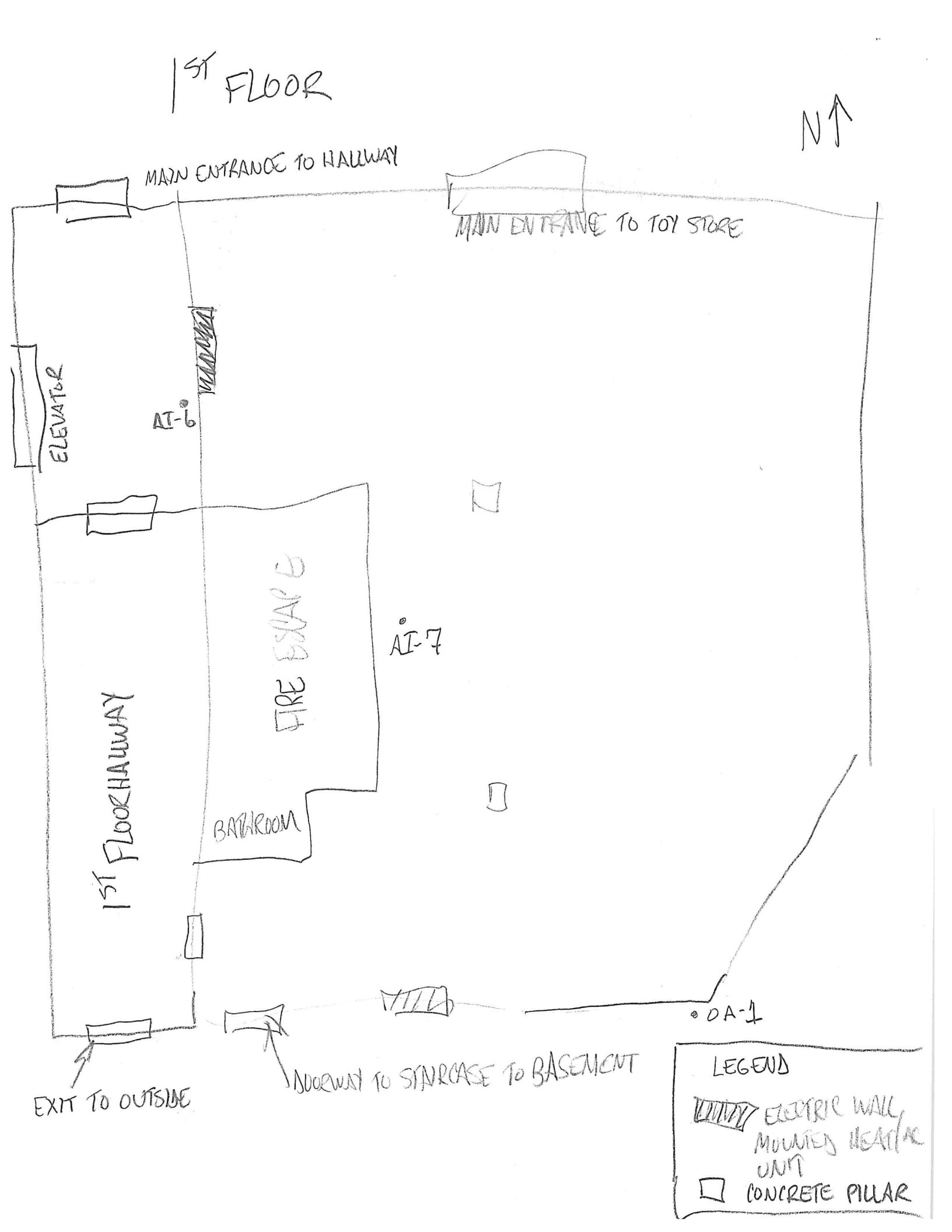
b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N


EAST BASEMENT
N
SSD5
SSV-1/AI-1
STAIRWAY/FIRE ESCAPE
HALLWAY
PID=0.0PPM
SSV-2/AI-2
STAIRCASE TO TOY STORE 1ST FLOOR
LEGEND
= CONCRETE FOOTINGS/PILLARS ~6' TALL
= 3-4" HOLE IN SLAB FOR


SSV-4/AI-4
WINDOW
PID=0.0 PPM
3-4" HOLE IN SLAB FOR PORTABLE SUMP-PUMP
AI-3
SSV-3
WATER MAIN
PID=0.0PPM
WEST BASEMENT
ELECTRIC METER ROOM (ELEVATOR MOTOR ROOM (NO ACCESS
ELEVATOR EQUIPMENT ROOM
PID=0.0PPM
PID=0.0
BATHROOM
SSV-5/AI-5
STORAGE
HALLWAY
PID=0.0PPM
HALLWAY
WINDOW
EAST BASEMENT/TOY STORE
STAIRS
N


1ST FLOOR
N
MAIN ENTRANCE TO HALLWAY
MAIN ENTRANCE TO TOY STORE
ELEVATOR
AI-6
AI-7
FIRE ESCAPE
1ST FLOOR HALLWAY
BATHROOM
OA-1
EXIT TO OUTSIDE
DOORWAY TO STAIRCASE TO BASEMENT
LEGEND
ELECTRIC WALL MOUNTED HEAT/AC UNIT
CONCRETE PILLAR

13. Product Inventory Form

Make & Model of field instrument used: Multi RAE Light

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo (Y/N)**
West Basement	Acetone	1 Quart (1)	U	See Photo	0.0 ppm	Y
West Basement	GOJO	1 Quart (1)	U	See Photo	0.0 ppm	Y
West Basement	Paint	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Mineral Spirits	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Rapid Cure	5 Gallons (10)	U	See Photo	0.0 ppm	Y
West Basement	Transchem	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Penetrol	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Semi-Gloss Finish	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Stain Block	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Kitchen/Bath Paint	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	AW-32 Hydraulic Fluid	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Super Sec Paint Base	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Diesel	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	ProMar 200	1 Gallon (2)	U	See Photo	0.0 ppm	Y
West Basement	ProMar 400	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Caulk	12 Ounces (2)	U	See Photo	0.0 ppm	Y
West Basement	Polyeurathane	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Plus3	1 Gallon (1)	U	See Photo	0.0 ppm	Y
West Basement	Diamond Crystal	5 Gallons (1)	U	See Photo	0.0 ppm	Y
West Basement	Total Home	32 ounces (1)	U	See Photo	0.0 ppm	Y

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**Photographs of the front and back of the product containerscan replace the handwritten list of chemical ingredients. However, the photographs must be good quality and ingredient labels must be legible.

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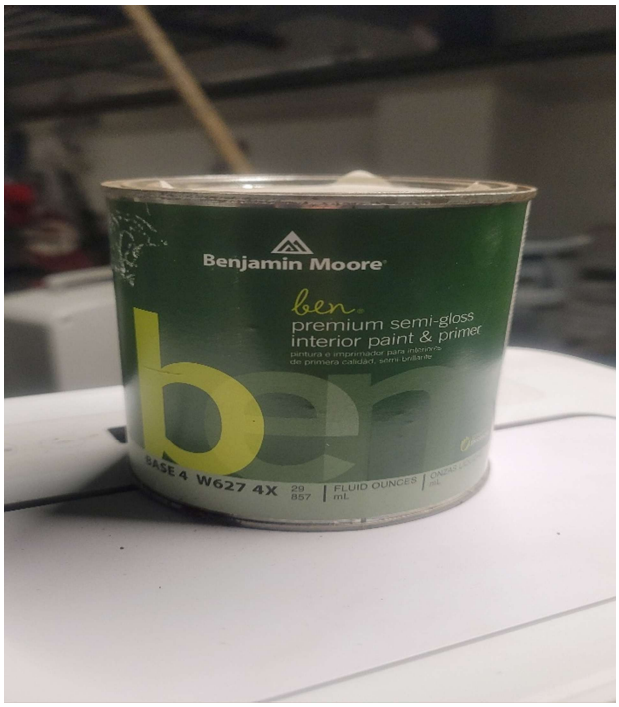
PHOTO LOG

Photograph #1: View of Sherwin Williams paint container in western basement. (3-26-2025)

Photograph #2: View of Benjamin Moore paint container in western basement. (3-26-2025)



By:	Aaron Rubinstein
	PVE Engineering

PVE

PHOTO LOG

Photograph #3: View of Transchem container in western basement. (3-26-2025)

Photograph #4: View of caulk container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

PVE

PHOTO LOG

Photograph #5: View of Rustoleum paint container in western basement. (3-26-2025)

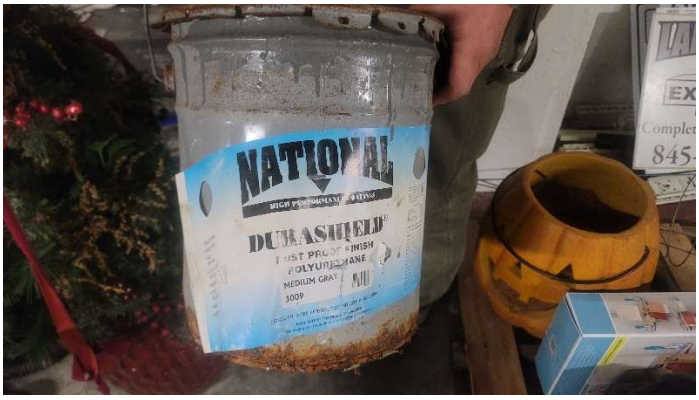
Photograph #6: View of Benjamin Moore paint container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

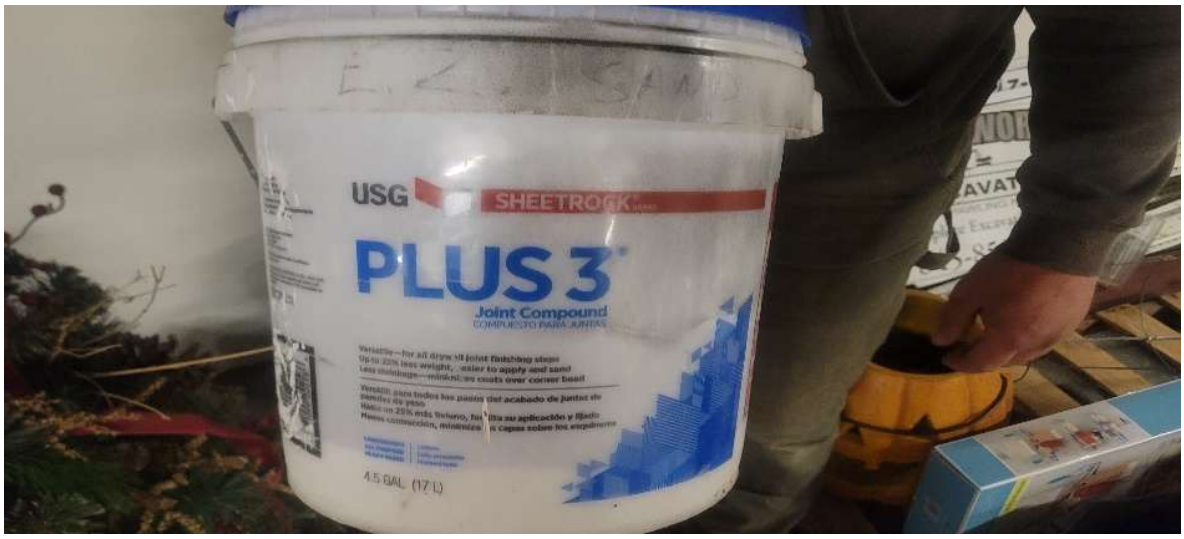
PVE

PHOTO LOG

Photograph #7: View of polyurethane container in western basement. (3-26-2025)



Photograph #8: View of Plus3 container in western basement. (3-26-2025)



By:	Aaron Rubinstein
	PVE Engineering

PVE

PHOTO LOG

Photograph #9: View of cleaner bottle in western basement. (3-26-2025)

Photograph #10: View of AW-32 hydraulic fluid container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

PVE

PHOTO LOG

Photograph #11: View of Bostik grout container in western basement. (3-26-2025)

Photograph #12: View of diesel container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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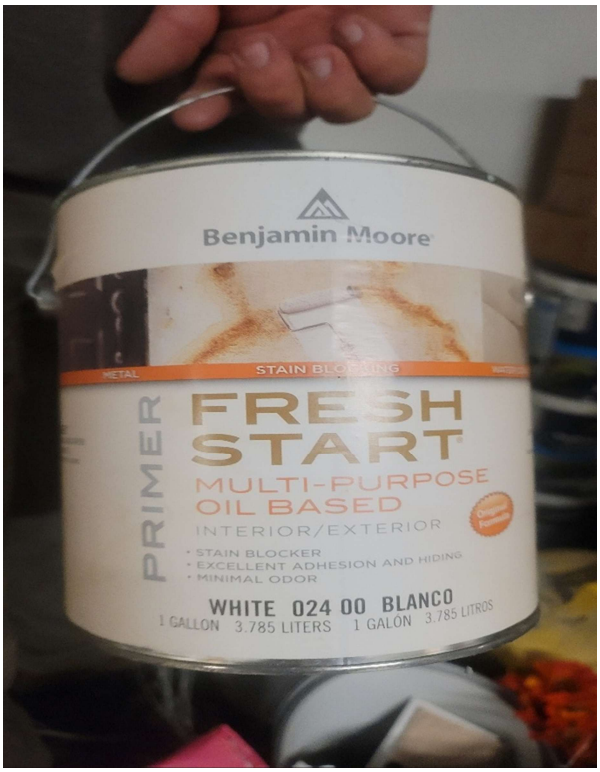
PHOTO LOG

Photograph #13: View of Benjamin Moore paint container in western basement. (3-26-2025)



Photograph #14: View of Penetrol paint container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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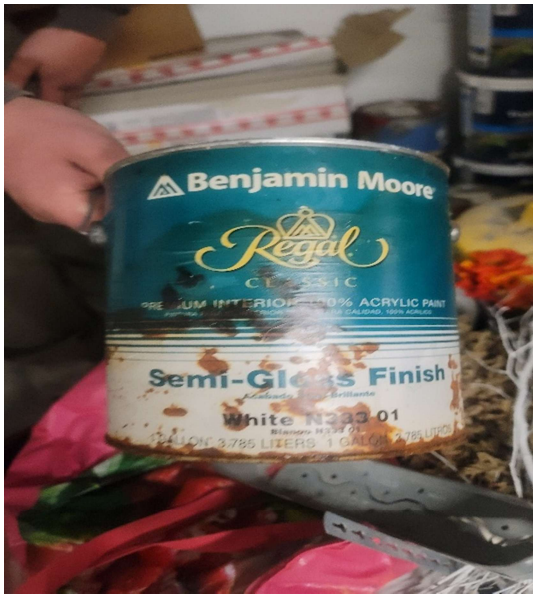
PHOTO LOG

Photograph #15: View of Benjamin Moore paint container in western basement. (3-26-2025)



Photograph #16: View of Benjamin Moore paint container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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PHOTO LOG

Photograph #17: View of Sherwin Williams paint container in western basement. (3-26-2025)

Photograph #18: View of Sherwin Williams paint container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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PHOTO LOG

Photograph #19: View of Sherwin Williams paint container in western basement. (3-26-2025)

Photograph #20: View of Gojo container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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PHOTO LOG

Photograph #21: View of acetone container in western basement. (3-26-2025)

Photograph #22: View of Diamond Crystal in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

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PHOTO LOG

Photograph #23: View of Sherwin Williams paint container in western basement. (3-26-2025)

Photograph #24: View of Sherwin Williams paint container in western basement. (3-26-2025)

By:	Aaron Rubinstein
	PVE Engineering

Appendix C

Analytical Report

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/22/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1721

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/22/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1721

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 27, 2025 and listed below. The project was identified as your project: **20240302**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C1721-01	SSV-1 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-02	AI-1 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-03	SSV-2 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-04	AI-2 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-05	SSV-3 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-06	AI-3 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-07	SSV-4 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-08	AI-4 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-09	SSV-5 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-10	AI-5 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-11	AI-6 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-12	AI-7 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-13	AO-1 20250326	Outdoor Ambient Ai	03/26/2025	03/27/2025

General Notes for York Project (SDG) No.: 25C1721

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/22/2025

Sample Information

Client Sample ID: SSV-1 20250326 **York Sample ID:** 25C1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, ICVE	ug/m³	1.2	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		ug/m³	0.81	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.81	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.38	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
78-93-3	**2-Butanone**	**4.4**		ug/m³	0.49	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR

Sample Information

Client Sample ID: SSV-1 20250326 **York Sample ID:** 25C1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
108-10-1	**4-Methyl-2-pentanone**	**7.8**		ug/m³	0.67	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
67-64-1	**Acetone**	**25**		ug/m³	3.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.6	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
71-43-2	**Benzene**	**0.89**		ug/m³	0.53	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.85	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-25-2	Bromoform	ND		ug/m³	1.7	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
74-83-9	Bromomethane	ND		ug/m³	0.64	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
56-23-5	**Carbon tetrachloride**	**0.83**		ug/m³	0.26	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-00-3	Chloroethane	ND		ug/m³	0.43	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
67-66-3	Chloroform	ND		ug/m³	0.80	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.34	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
110-82-7	Cyclohexane	ND		ug/m³	0.57	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-71-8	**Dichlorodifluoromethane**	**3.7**		ug/m³	0.81	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
141-78-6	*** Ethyl acetate**	**20**		ug/m³	1.2	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
100-41-4	**Ethyl Benzene**	**5.0**		ug/m³	0.71	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR

Sample Information

Client Sample ID: SSV-1 20250326 **York Sample ID:** 25C1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
67-63-0	**Isopropanol**	**18**	CAL-E	ug/m³	2.4	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-09-2	Methylene chloride	ND		ug/m³	3.4	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.7	1.645	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
142-82-5	**n-Heptane**	**0.88**		ug/m³	0.67	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
110-54-3	**n-Hexane**	**0.87**		ug/m³	0.58	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
95-47-6	**o-Xylene**	**3.4**		ug/m³	0.71	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	1.4	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
622-96-8	*** p-Ethyltoluene**	**1.9**		ug/m³	0.81	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
115-07-1	*** Propylene**	**0.71**		ug/m³	0.28	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
100-42-5	Styrene	ND		ug/m³	0.70	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
127-18-4	**Tetrachloroethylene**	**1.1**		ug/m³	1.1	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
108-88-3	**Toluene**	**85**		ug/m³	0.62	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.92	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.58	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.645	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 13:33	YR

Sample Information

Client Sample ID: SSV-1 20250326 **York Sample ID:** 25C1721-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		1.645	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 13:33	YR

Sample Information

Client Sample ID: AI-1 20250326 **York Sample ID:** 25C1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m^3	0.49	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m^3	0.39	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m^3	0.49	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.60**		ug/m^3	0.55	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m^3	0.39	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-34-3	1,1-Dichloroethane	ND		ug/m^3	0.29	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m^3	0.071	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m^3	0.53	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.49**		ug/m^3	0.35	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
106-93-4	1,2-Dibromoethane	ND		ug/m^3	0.55	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m^3	0.43	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
107-06-2	1,2-Dichloroethane	ND		ug/m^3	0.29	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
78-87-5	1,2-Dichloropropane	ND		ug/m^3	0.33	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m^3	0.50	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR

Sample Information

Client Sample ID: AI-1 20250326 **York Sample ID:** 25C1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.35	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.47	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.33	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**2.0**		ug/m³	0.17	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
78-93-3	**2-Butanone**	**2.0**		ug/m³	0.21	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
108-10-1	**4-Methyl-2-pentanone**	**0.88**		ug/m³	0.29	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
67-64-1	**Acetone**	**49**		ug/m³	1.4	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
107-13-1	**Acrylonitrile**	**3.9**		ug/m³	2.0	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
71-43-2	**Benzene**	**2.0**		ug/m³	0.23	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.37	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.48	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-25-2	Bromoform	ND		ug/m³	0.74	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
74-83-9	Bromomethane	ND		ug/m³	0.28	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.22	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
56-23-5	**Carbon tetrachloride**	**0.49**		ug/m³	0.11	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-00-3	Chloroethane	ND		ug/m³	0.19	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
67-66-3	Chloroform	ND		ug/m³	0.35	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR

Sample Information

Client Sample ID: **AI-1 20250326** **York Sample ID:** **25C1721-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.15	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.071	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
110-82-7	**Cyclohexane**	**0.47**		ug/m³	0.25	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.61	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.35	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
141-78-6	*** Ethyl acetate**	**79**		ug/m³	0.52	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.31	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.76	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
67-63-0	**Isopropanol**	**12**	CAL-E	ug/m³	1.1	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
80-62-6	**Methyl Methacrylate**	**0.79**		ug/m³	0.29	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.75	0.715	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
142-82-5	**n-Heptane**	**5.5**		ug/m³	0.29	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
110-54-3	**n-Hexane**	**1.5**		ug/m³	0.25	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
95-47-6	**o-Xylene**	**0.96**		ug/m³	0.31	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
179601-23-1	**p- & m- Xylenes**	**3.0**		ug/m³	0.62	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
622-96-8	*** p-Ethyltoluene**	**0.46**		ug/m³	0.35	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
115-07-1	*** Propylene**	**1.6**		ug/m³	0.12	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
100-42-5	**Styrene**	**0.40**		ug/m³	0.30	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
127-18-4	**Tetrachloroethylene**	**0.48**		ug/m³	0.48	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR

Sample Information

Client Sample ID: AI-1 20250326 **York Sample ID:** 25C1721-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.42	0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
108-88-3	**Toluene**	**13**		ug/m³	0.27	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.28	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.096	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.40	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
108-05-4	**Vinyl acetate**	**0.93**	ICVE	ug/m³	0.25	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.31	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.091	0.715	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 18:32	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.715	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 18:32	YR

Sample Information

Client Sample ID: SSV-2 20250326 **York Sample ID:** 25C1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR

Sample Information

Client Sample ID: SSV-2 20250326 **York Sample ID:** 25C1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.4	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
95-63-6	**1,2,4-Trimethylbenzene**	**7.5**		ug/m³	0.90	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.8**		ug/m³	0.90	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**1.4**		ug/m³	0.43	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
78-93-3	**2-Butanone**	**1.0**		ug/m³	0.54	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
67-64-1	**Acetone**	**7.7**		ug/m³	3.5	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
107-13-1	Acrylonitrile	ND		ug/m³	5.1	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR

Sample Information

Client Sample ID: SSV-2 20250326 **York Sample ID:** 25C1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	**Benzene**	**0.82**		ug/m³	0.58	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.94	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.71	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.57	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.29	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.48	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.89	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	0.38	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**1.4**		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**11**		ug/m³	0.79	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**6.8**	CAL-E	ug/m³	2.7	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	3.8	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SSV-2 20250326 **York Sample ID:** 25C1721-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.9	1.824	EPA TO-15 Certifications: NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
142-82-5	**n-Heptane**	**1.1**		ug/m³	0.75	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
110-54-3	**n-Hexane**	**1.0**		ug/m³	0.64	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
95-47-6	**o-Xylene**	**5.9**		ug/m³	0.79	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	1.6	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
622-96-8	*** p-Ethyltoluene**	**7.2**		ug/m³	0.90	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
115-07-1	*** Propylene**	**0.44**		ug/m³	0.31	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
100-42-5	Styrene	ND		ug/m³	0.78	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
108-88-3	**Toluene**	**13**		ug/m³	0.69	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.25	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	1.0	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.64	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.824	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 14:36	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		1.824	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 14:36	YR

Sample Information

Client Sample ID: AI-2 20250326 **York Sample ID:** 25C1721-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.61**		ug/m³	0.56	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.54	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.6**		ug/m³	0.36	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.56	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.51	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
108-67-8	**1,3,5-Trimethylbenzene**	**0.89**		ug/m³	0.36	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.48	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.71**		ug/m³	0.17	0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR
78-93-3	**2-Butanone**	**2.7**		ug/m³	0.21	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR

Sample Information

Client Sample ID: AI-2 20250326 **York Sample ID:** 25C1721-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
108-10-1	**4-Methyl-2-pentanone**	**0.50**		ug/m³	0.30	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
67-64-1	**Acetone**	**37**		ug/m³	1.4	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
107-13-1	**Acrylonitrile**	**8.2**		ug/m³	2.0	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
71-43-2	**Benzene**	**1.4**		ug/m³	0.23	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.38	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.49	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-25-2	Bromoform	ND		ug/m³	0.75	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
74-83-9	Bromomethane	ND		ug/m³	0.28	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
56-23-5	**Carbon tetrachloride**	**0.55**		ug/m³	0.11	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-00-3	Chloroethane	ND		ug/m³	0.19	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
67-66-3	Chloroform	ND		ug/m³	0.35	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.15	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
110-82-7	Cyclohexane	ND		ug/m³	0.25	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.62	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.36	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
141-78-6	*** Ethyl acetate**	**6.7**		ug/m³	0.52	0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR
100-41-4	**Ethyl Benzene**	**5.9**		ug/m³	0.31	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.77	0.725	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/22/2025 08:00	04/22/2025 15:23	YR

Sample Information

Client Sample ID: **AI-2 20250326** **York Sample ID:** **25C1721-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**6.1**	CAL-E	ug/m³	1.1	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	**Methyl Methacrylate**	**0.50**		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.76	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**3.9**		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.74**		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**6.3**		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	0.63	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**3.0**		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:			
115-07-1	*** Propylene**	**1.6**		ug/m³	0.12	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:			
100-42-5	**Styrene**	**1.3**		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**2.2**		ug/m³	0.49	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.43	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:			
108-88-3	**Toluene**	**9.8**		ug/m³	0.27	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.097	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.41	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.32	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.093	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: AI-2 20250326 **York Sample ID:** 25C1721-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.725	EPA TO-15 Certifications:	04/22/2025 08:00	04/22/2025 15:23	YR

Sample Information

Client Sample ID: SSV-3 20250326 **York Sample ID:** 25C1721-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m^3	0.95	1.379	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 01:22	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m^3	0.75	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m^3	0.95	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m^3	1.1	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m^3	0.75	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
75-34-3	1,1-Dichloroethane	ND		ug/m^3	0.56	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m^3	0.14	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m^3	1.0	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
95-63-6	**1,2,4-Trimethylbenzene**	**10**		ug/m^3	0.68	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
106-93-4	1,2-Dibromoethane	ND		ug/m^3	1.1	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m^3	0.83	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
107-06-2	1,2-Dichloroethane	ND		ug/m^3	0.56	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
78-87-5	1,2-Dichloropropane	ND		ug/m^3	0.64	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m^3	0.96	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR

Sample Information

Client Sample ID: SSV-3 20250326 **York Sample ID:** 25C1721-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**2.3**		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.64	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.99	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** 2,2,4-Trimethylpentane**	**1.7**		ug/m³	0.32	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:			
78-93-3	**2-Butanone**	**2.1**		ug/m³	0.41	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**17**		ug/m³	2.6	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	3.9	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.93**		ug/m³	0.44	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.71	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.4	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.54	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.43	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.43**		ug/m³	0.22	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.36	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**1.5**		ug/m³	0.67	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SSV-3 20250326 **York Sample ID:** 25C1721-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m³	0.28	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
110-82-7	Cyclohexane	ND		ug/m³	0.47	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
75-71-8	**Dichlorodifluoromethane**	**2.7**		ug/m³	0.68	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
141-78-6	* Ethyl acetate	ND		ug/m³	0.99	1.379	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 01:22	YR
100-41-4	**Ethyl Benzene**	**14**		ug/m³	0.60	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
67-63-0	**Isopropanol**	**7.3**	CAL-E	ug/m³	2.0	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.56	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.50	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.4	1.379	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.57	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.49	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
95-47-6	**o-Xylene**	**7.2**		ug/m³	0.60	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
179601-23-1	**p- & m- Xylenes**	**20**		ug/m³	1.2	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
622-96-8	*** p-Ethyltoluene**	**9.4**		ug/m³	0.68	1.379	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 01:22	YR
115-07-1	*** Propylene**	**1.7**		ug/m³	0.24	1.379	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 01:22	YR
100-42-5	Styrene	ND		ug/m³	0.59	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.94	1.379	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 01:22	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.81	1.379	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 01:22	YR

Sample Information

Client Sample ID: SSV-3 20250326 **York Sample ID:** 25C1721-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**15**		ug/m³	0.52	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.55	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.19	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.77	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.49	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:			
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
							Certifications:			

Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID:** 25C1721-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.62**		ug/m³	0.62	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID:** 25C1721-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.59**		ug/m³	0.40	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 20:44	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.45**		ug/m³	0.19	0.805	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 20:44	YR
78-93-3	**2-Butanone**	**2.7**		ug/m³	0.24	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.805	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 20:44	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
67-64-1	**Acetone**	**28**		ug/m³	1.5	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
107-13-1	**Acrylonitrile**	**6.2**		ug/m³	2.3	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR
71-43-2	**Benzene**	**1.2**		ug/m³	0.26	0.805	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 20:44	YR

Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID:** 25C1721-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
56-23-5	**Carbon tetrachloride**	**0.51**		ug/m³	0.13	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
74-87-3	**Chloromethane**	**1.0**		ug/m³	0.17	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.40	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
141-78-6	*** Ethyl acetate**	**3.2**		ug/m³	0.58	0.805	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 20:44	YR
100-41-4	**Ethyl Benzene**	**0.35**		ug/m³	0.35	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
67-63-0	**Isopropanol**	**2.9**	CAL-E	ug/m³	1.2	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.805	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.805	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/21/2025 20:44	YR

Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID:** 25C1721-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	**n-Heptane**	**2.7**		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.54**		ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.42**		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.0**		ug/m³	0.70	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.40**		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			
115-07-1	*** Propylene**	**2.0**		ug/m³	0.14	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.34	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.5**		ug/m³	0.47	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			
108-88-3	**Toluene**	**5.5**		ug/m³	0.30	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.45	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
							Certifications:			

Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID:** 25C1721-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
95-63-6	**1,2,4-Trimethylbenzene**	**9.9**		ug/m³	0.73	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
108-67-8	**1,3,5-Trimethylbenzene**	**2.5**		ug/m³	0.73	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**11**		ug/m³	0.35	1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.44	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR

Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID:** 25C1721-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
67-64-1	**Acetone**	**33**		ug/m³	2.8	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
107-13-1	**Acrylonitrile**	**6.7**		ug/m³	4.2	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
71-43-2	**Benzene**	**1.9**		ug/m³	0.47	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.77	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
74-83-9	Bromomethane	ND		ug/m³	0.57	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-15-0	**Carbon disulfide**	**0.78**		ug/m³	0.46	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
56-23-5	**Carbon tetrachloride**	**0.56**		ug/m³	0.23	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-00-3	Chloroethane	ND		ug/m³	0.39	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
67-66-3	Chloroform	ND		ug/m³	0.72	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
74-87-3	**Chloromethane**	**0.79**		ug/m³	0.31	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
110-82-7	**Cyclohexane**	**0.56**		ug/m³	0.51	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.73	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
141-78-6	*** Ethyl acetate**	**1.1**		ug/m³	1.1	1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR
100-41-4	**Ethyl Benzene**	**13**		ug/m³	0.64	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.479	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:08	YR

Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID:** 25C1721-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**3.1**	CAL-E	ug/m³	2.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.6	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NJDEP-NY037		
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**2.0**		ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**6.8**		ug/m³	0.64	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**19**		ug/m³	1.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**8.9**		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:			
115-07-1	*** Propylene**	**2.1**		ug/m³	0.25	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.87	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:			
108-88-3	**Toluene**	**15**		ug/m³	0.56	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.83	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
							Certifications:			

Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID:** 25C1721-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		1.479	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:08	YR

Sample Information

Client Sample ID: AI-4 20250326 **York Sample ID:** 25C1721-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m^3	0.51	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m^3	0.41	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m^3	0.51	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.63**		ug/m^3	0.57	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m^3	0.41	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-34-3	1,1-Dichloroethane	ND		ug/m^3	0.30	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m^3	0.074	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m^3	0.56	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m^3	0.37	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
106-93-4	1,2-Dibromoethane	ND		ug/m^3	0.58	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m^3	0.45	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
107-06-2	1,2-Dichloroethane	ND		ug/m^3	0.30	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
78-87-5	1,2-Dichloropropane	ND		ug/m^3	0.35	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m^3	0.52	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m^3	0.37	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR

Sample Information

Client Sample ID: AI-4 20250326 **York Sample ID:** 25C1721-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.38**		ug/m³	0.17	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.22	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
67-64-1	**Acetone**	**23**		ug/m³	1.4	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
107-13-1	**Acrylonitrile**	**12**		ug/m³	2.1	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
71-43-2	**Benzene**	**2.0**		ug/m³	0.24	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-25-2	Bromoform	ND		ug/m³	0.77	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
74-83-9	Bromomethane	ND		ug/m³	0.29	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
56-23-5	**Carbon tetrachloride**	**0.57**		ug/m³	0.12	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-00-3	Chloroethane	ND		ug/m³	0.20	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
67-66-3	Chloroform	ND		ug/m³	0.37	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.15	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR

Sample Information

Client Sample ID: **AI-4 20250326** **York Sample ID:** **25C1721-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.074	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.37	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
141-78-6	*** Ethyl acetate**	**0.65**		ug/m³	0.54	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.33	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.80	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
67-63-0	**Isopropanol**	**1.6**	CAL-E	ug/m³	1.1	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.79	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NJDEP-NY037	04/21/2025 21:30	YR
142-82-5	**n-Heptane**	**1.7**		ug/m³	0.31	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
110-54-3	**n-Hexane**	**0.37**		ug/m³	0.26	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
95-47-6	o-Xylene	ND		ug/m³	0.33	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
179601-23-1	**p- & m- Xylenes**	**0.68**		ug/m³	0.65	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
115-07-1	*** Propylene**	**1.6**		ug/m³	0.13	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
100-42-5	Styrene	ND		ug/m³	0.32	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.51	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR
109-99-9	*** Tetrahydrofuran**	**1.3**		ug/m³	0.44	0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
108-88-3	**Toluene**	**4.3**		ug/m³	0.28	0.749	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 21:30	YR

Sample Information

Client Sample ID: AI-4 20250326 **York Sample ID:** 25C1721-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.42	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.749	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 21:30	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.749	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 21:30	YR

Sample Information

Client Sample ID: SSV-5 20250326 **York Sample ID:** 25C1721-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:54	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR

Sample Information

Client Sample ID: SSV-5 20250326 **York Sample ID:** 25C1721-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
95-63-6	**1,2,4-Trimethylbenzene**	**8.1**		ug/m³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.6**		ug/m³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:54	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**11**		ug/m³	0.34	1.476	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:54	YR
78-93-3	**2-Butanone**	**2.5**		ug/m³	0.44	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.476	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:54	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
67-64-1	**Acetone**	**38**		ug/m³	2.8	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.2	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
71-43-2	**Benzene**	**0.85**		ug/m³	0.47	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.76	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR

Sample Information

Client Sample ID: SSV-5 20250326 **York Sample ID:** 25C1721-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
74-83-9	Bromomethane	ND		ug/m³	0.57	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-15-0	**Carbon disulfide**	**0.69**		ug/m³	0.46	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
56-23-5	**Carbon tetrachloride**	**0.46**		ug/m³	0.23	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-00-3	Chloroethane	ND		ug/m³	0.39	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
67-66-3	**Chloroform**	**1.1**		ug/m³	0.72	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
74-87-3	Chloromethane	ND		ug/m³	0.30	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
110-82-7	Cyclohexane	ND		ug/m³	0.51	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.73	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
141-78-6	*** Ethyl acetate**	**5.8**		ug/m³	1.1	1.476	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 02:54	YR
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.64	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
67-63-0	**Isopropanol**	**5.7**	CAL-E	ug/m³	2.2	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.5	1.476	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.60	1.476	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 02:54	YR

Sample Information

Client Sample ID: SSV-5 20250326 **York Sample ID:** 25C1721-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**6.2**		ug/m³	0.64	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**17**		ug/m³	1.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**7.8**		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications:			
115-07-1	*** Propylene**	**1.7**		ug/m³	0.25	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.0**		ug/m³	0.87	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications:			
108-88-3	**Toluene**	**16**		ug/m³	0.56	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.83	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications:			
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
							Certifications:			

Sample Information

Client Sample ID: AI-5 20250326 **York Sample ID:** 25C1721-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Sample Information

Client Sample ID: AI-5 20250326 **York Sample ID:** 25C1721-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.61**		ug/m³	0.61	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.34**		ug/m³	0.19	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
78-93-3	**2-Butanone**	**2.5**		ug/m³	0.24	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR

Sample Information

Client Sample ID: AI-5 20250326 **York Sample ID:** 25C1721-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
67-64-1	**Acetone**	**12**		ug/m³	1.5	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.3	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
71-43-2	**Benzene**	**0.64**		ug/m³	0.26	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.13	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
74-87-3	**Chloromethane**	**0.91**		ug/m³	0.17	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.40	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
141-78-6	*** Ethyl acetate**	**0.81**		ug/m³	0.58	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR

Sample Information

Client Sample ID: **AI-5 20250326** **York Sample ID:** **25C1721-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**1.4**	CAL-E	ug/m³	1.2	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.802	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
142-82-5	**n-Heptane**	**1.4**		ug/m³	0.33	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
110-54-3	**n-Hexane**	**0.34**		ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
95-47-6	o-Xylene	ND		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.70	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
115-07-1	*** Propylene**	**1.4**		ug/m³	0.14	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
100-42-5	Styrene	ND		ug/m³	0.34	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.54	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
109-99-9	*** Tetrahydrofuran**	**0.99**		ug/m³	0.47	0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR
108-88-3	**Toluene**	**3.2**		ug/m³	0.30	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.45	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.802	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 22:16	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR

Sample Information

Client Sample ID: AI-5 20250326 **York Sample ID:** 25C1721-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.802	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 22:16	YR

Sample Information

Client Sample ID: AI-6 20250326 **York Sample ID:** 25C1721-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m^3	0.54	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m^3	0.43	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m^3	0.54	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.60**		ug/m^3	0.60	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m^3	0.43	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m^3	0.32	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m^3	0.077	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m^3	0.58	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.38**		ug/m^3	0.38	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m^3	0.60	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m^3	0.47	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m^3	0.32	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
78-87-5	1,2-Dichloropropane	ND		ug/m^3	0.36	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m^3	0.55	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m^3	0.38	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR

Sample Information

Client Sample ID: AI-6 20250326 **York Sample ID:** 25C1721-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	0.52	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.36	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.56	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.29**		ug/m³	0.18	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
78-93-3	**2-Butanone**	**1.4**		ug/m³	0.23	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.64	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.32	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
67-64-1	**Acetone**	**27**		ug/m³	1.5	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
107-13-1	**Acrylonitrile**	**3.9**		ug/m³	2.2	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
71-43-2	**Benzene**	**1.2**		ug/m³	0.25	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.40	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-25-2	Bromoform	ND		ug/m³	0.81	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
74-83-9	Bromomethane	ND		ug/m³	0.30	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
56-23-5	**Carbon tetrachloride**	**0.54**		ug/m³	0.12	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.36	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
67-66-3	Chloroform	ND		ug/m³	0.38	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.16	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR

Sample Information

Client Sample ID: AI-6 20250326 **York Sample ID:** 25C1721-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.077	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
110-82-7	Cyclohexane	ND		ug/m³	0.27	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.66	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.39	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
141-78-6	*** Ethyl acetate**	**3.1**		ug/m³	0.56	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
100-41-4	**Ethyl Benzene**	**0.34**		ug/m³	0.34	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.83	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
67-63-0	**Isopropanol**	**2.6**	CAL-E	ug/m³	1.2	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.32	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.28	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.82	0.78	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
142-82-5	**n-Heptane**	**0.90**		ug/m³	0.32	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
110-54-3	**n-Hexane**	**0.30**		ug/m³	0.27	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
95-47-6	**o-Xylene**	**0.34**		ug/m³	0.34	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
179601-23-1	**p- & m- Xylenes**	**0.88**		ug/m³	0.68	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.38	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
115-07-1	*** Propylene**	**0.99**		ug/m³	0.13	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
100-42-5	Styrene	ND		ug/m³	0.33	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.53	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR
109-99-9	*** Tetrahydrofuran**	**0.67**		ug/m³	0.46	0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
108-88-3	**Toluene**	**2.8**		ug/m³	0.29	0.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:03	YR

Sample Information

Client Sample ID: AI-6 20250326 **York Sample ID:** 25C1721-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.31	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.44	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.34	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.78	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:03	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.78	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:03	YR

Sample Information

Client Sample ID: AI-7 20250326 **York Sample ID:** 25C1721-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:49	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR

Sample Information

Client Sample ID: AI-7 20250326 **York Sample ID:** 25C1721-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.69	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.55**		ug/m³	0.46	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:49	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.52**		ug/m³	0.22	0.936	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:49	YR
78-93-3	**2-Butanone**	**2.3**		ug/m³	0.28	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.936	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:49	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
67-64-1	**Acetone**	**68**		ug/m³	1.8	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
71-43-2	**Benzene**	**1.2**		ug/m³	0.30	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.48	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.936	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/21/2025 23:49	YR

Sample Information

Client Sample ID: AI-7 20250326 **York Sample ID:** 25C1721-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	0.97	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
74-83-9	Bromomethane	ND		ug/m³	0.36	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
56-23-5	**Carbon tetrachloride**	**0.53**		ug/m³	0.15	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
67-66-3	Chloroform	ND		ug/m³	0.46	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
74-87-3	**Chloromethane**	**1.6**		ug/m³	0.19	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
110-82-7	Cyclohexane	ND		ug/m³	0.32	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.46	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
141-78-6	*** Ethyl acetate**	**4.8**		ug/m³	0.67	0.936	EPA TO-15 Certifications:	04/21/2025 09:00	04/21/2025 23:49	YR
100-41-4	**Ethyl Benzene**	**0.69**		ug/m³	0.41	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
67-63-0	**Isopropanol**	**8.4**	CAL-E	ug/m³	1.4	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.98	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NJDEP-NY037	04/21/2025 23:49	YR
142-82-5	**n-Heptane**	**1.2**		ug/m³	0.38	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR
110-54-3	**n-Hexane**	**1.0**		ug/m³	0.33	0.936	EPA TO-15 Certifications:	04/21/2025 09:00 NELAC-NY12058,NJDEP-NY037	04/21/2025 23:49	YR

Sample Information

Client Sample ID: AI-7 20250326 **York Sample ID:** 25C1721-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**0.89**		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.8**		ug/m³	0.81	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications:			
115-07-1	*** Propylene**	**2.2**		ug/m³	0.16	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications:			
100-42-5	**Styrene**	**0.88**		ug/m³	0.40	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.63	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications:			
108-88-3	**Toluene**	**6.1**		ug/m³	0.35	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.53	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.33	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications:			
3114-55-4	*** ISTD: d5-Chlorobenzene**	**10**		ppbv		0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
							Certifications:			

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID:** 25C1721-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID:** 25C1721-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.64**		ug/m³	0.58	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.56	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		ug/m³	0.37	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.53	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
108-67-8	**1,3,5-Trimethylbenzene**	**1.0**		ug/m³	0.37	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.18**		ug/m³	0.18	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
78-93-3	**2-Butanone**	**0.65**		ug/m³	0.22	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.62	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID:** 25C1721-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
67-64-1	**Acetone**	**4.2**		ug/m³	1.4	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.1	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
71-43-2	**Benzene**	**0.48**		ug/m³	0.24	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.51	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-25-2	Bromoform	ND		ug/m³	0.78	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
74-83-9	Bromomethane	ND		ug/m³	0.29	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
56-23-5	**Carbon tetrachloride**	**0.52**		ug/m³	0.12	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.35	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-00-3	Chloroethane	ND		ug/m³	0.20	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
67-66-3	Chloroform	ND		ug/m³	0.37	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
74-87-3	**Chloromethane**	**0.97**		ug/m³	0.16	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.37	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
141-78-6	* Ethyl acetate	ND		ug/m³	0.54	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
100-41-4	**Ethyl Benzene**	**1.0**		ug/m³	0.33	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.81	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
67-63-0	Isopropanol	ND	CAL-E	ug/m³	1.1	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID:** 25C1721-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
91-20-3	*** Naphthalene**	**2.5**	CAL-E	ug/m³	0.79	0.755	EPA TO-15 Certifications: NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
142-82-5	n-Heptane	ND		ug/m³	0.31	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
110-54-3	n-Hexane	ND		ug/m³	0.27	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.33	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
179601-23-1	**p- & m- Xylenes**	**3.7**		ug/m³	0.66	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
622-96-8	*** p-Ethyltoluene**	**1.9**		ug/m³	0.37	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
115-07-1	*** Propylene**	**0.55**		ug/m³	0.13	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
100-42-5	**Styrene**	**0.45**		ug/m³	0.32	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
127-18-4	**Tetrachloroethylene**	**2.2**	TO-CCV , TO-LCS -H	ug/m³	0.51	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.45	0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR
108-88-3	**Toluene**	**1.2**		ug/m³	0.28	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.42	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.755	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/21/2025 09:00	04/22/2025 00:35	YR
540-36-3	*** ISTD: 1,4-Difluorobenzene**	**10**		ppbv		0.755	EPA TO-15 Certifications:	04/21/2025 09:00	04/22/2025 00:35	YR

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID:** 25C1721-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3114-55-4	* ISTD: d5-Chlorobenzene	10		ppbv		0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
							Certifications:			

Analytical Batch Summary

Batch ID: BD51581 **Preparation Method** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C1721-01	SSV-1 20250326	04/21/25
25C1721-02	AI-1 20250326	04/21/25
25C1721-05	SSV-3 20250326	04/21/25
25C1721-06	AI-3 20250326	04/21/25
25C1721-07	SSV-4 20250326	04/21/25
25C1721-08	AI-4 20250326	04/21/25
25C1721-09	SSV-5 20250326	04/21/25
25C1721-10	AI-5 20250326	04/21/25
25C1721-11	AI-6 20250326	04/21/25
25C1721-12	AI-7 20250326	04/21/25
25C1721-13	AO-1 20250326	04/21/25
BD51581-BLK1	Blank	04/21/25
BD51581-BS1	LCS	04/21/25
BD51581-DUP1	Duplicate	04/21/25

Batch ID: BD51611 **Preparation Method** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C1721-03	SSV-2 20250326	04/22/25
25C1721-04	AI-2 20250326	04/22/25
BD51611-BLK1	Blank	04/22/25
BD51611-BS1	LCS	04/22/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51581 - EPA TO15 PREP											
Blank (BD51581-BLK1)											Prepared & Analyzed: 04/21/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51581 - EPA TO15 PREP											
Blank (BD51581-BLK1)								Prepared & Analyzed: 04/21/2025			
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	1.0	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BD51581-BS1)								Prepared & Analyzed: 04/21/2025			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethane	11.9		"	10.0		119	70-130				
1,1-Dichloroethylene	11.7		"	10.0		117	70-130				
1,2,4-Trichlorobenzene	8.22		"	10.0		82.2	70-130				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	12.1		"	10.0		121	70-130				
1,2-Dichloroethane	12.9		"	10.0		129	70-130				
1,2-Dichloropropane	9.89		"	10.0		98.9	70-130				
1,2-Dichlorotetrafluoroethane	8.66		"	10.0		86.6	70-130				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,3-Butadiene	11.2		"	10.0		112	70-130				
1,3-Dichlorobenzene	12.7		"	10.0		127	70-130				
1,3-Dichloropropane	10.9		"	10.0		109	70-130				
1,4-Dichlorobenzene	13.4		"	10.0		134	70-130	High Bias			
1,4-Dioxane	11.1		"	10.0		111	70-130				
2,2,4-Trimethylpentane	11.6		"	10.0		116	70-130				
2-Butanone	10.8		"	10.0		108	70-130				
2-Hexanone	9.19		"	10.0		91.9	70-130				
3-Chloropropene	11.4		"	10.0		114	70-130				
4-Methyl-2-pentanone	9.45		"	10.0		94.5	70-130				
Acetone	10.6		"	10.0		106	70-130				
Acrylonitrile	10.5		"	10.0		105	70-130				
Benzene	11.9		"	10.0		119	70-130				
Benzyl chloride	9.30		"	10.0		93.0	70-130				
Bromodichloromethane	10.2		"	10.0		102	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51581 - EPA TO15 PREP											
LCS (BD51581-BS1)								Prepared & Analyzed: 04/21/2025			
Bromoform	14.3		ppbv	10.0		143	70-130	High Bias			
Bromomethane	12.7		"	10.0		127	70-130				
Carbon disulfide	12.8		"	10.0		128	70-130				
Carbon tetrachloride	12.7		"	10.0		127	70-130				
Chlorobenzene	11.2		"	10.0		112	70-130				
Chloroethane	12.7		"	10.0		127	70-130				
Chloroform	11.9		"	10.0		119	70-130				
Chloromethane	7.42		"	10.0		74.2	70-130				
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Cyclohexane	11.8		"	10.0		118	70-130				
Dibromochloromethane	11.8		"	10.0		118	70-130				
Dichlorodifluoromethane	11.8		"	10.0		118	70-130				
Ethyl acetate	10.9		"	10.0		109	70-130				
Ethyl Benzene	10.9		"	10.0		109	70-130				
Hexachlorobutadiene	16.7		"	10.0		167	70-130	High Bias			
Isopropanol	9.39		"	10.0		93.9	70-130				
Methyl Methacrylate	10.2		"	10.0		102	70-130				
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	70-130				
Methylene chloride	10.9		"	10.0		109	70-130				
Naphthalene	10.0		"	10.0		100	70-130				
n-Heptane	11.0		"	10.0		110	70-130				
n-Hexane	11.8		"	10.0		118	70-130				
o-Xylene	10.6		"	10.0		106	70-130				
p- & m- Xylenes	21.0		"	20.0		105	70-130				
p-Ethyltoluene	11.5		"	10.0		115	70-130				
Propylene	10.4		"	10.0		104	70-130				
Styrene	11.4		"	10.0		114	70-130				
Tetrachloroethylene	13.3		"	10.0		133	70-130	High Bias			
Tetrahydrofuran	11.0		"	10.0		110	70-130				
Toluene	10.9		"	10.0		109	70-130				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	12.0		"	10.0		120	70-130				
Vinyl acetate	8.71		"	10.0		87.1	70-130				
Vinyl bromide	13.2		"	10.0		132	70-130	High Bias			
Vinyl Chloride	9.93		"	10.0		99.3	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51581 - EPA TO15 PREP											
Duplicate (BD51581-DUP1)	*Source sample: 25C1721-01 (SSV-1 20250326)								Prepared & Analyzed: 04/21/2025		
1,1,1,2-Tetrachloroethane	ND	1.1	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.90	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.1	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2-Trichloroethane	ND	0.90	"		ND					25	
1,1-Dichloroethane	ND	0.67	"		ND					25	
1,1-Dichloroethylene	ND	0.16	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.2	"		ND					25	
1,2,4-Trimethylbenzene	2.1	0.81	"		2.0				3.92	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
1,2-Dichlorobenzene	ND	0.99	"		ND					25	
1,2-Dichloroethane	ND	0.67	"		ND					25	
1,2-Dichloropropane	ND	0.76	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.81	"		ND					25	
1,3-Butadiene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	0.99	"		ND					25	
1,3-Dichloropropane	ND	0.76	"		ND					25	
1,4-Dichlorobenzene	ND	0.99	"		ND					25	
1,4-Dioxane	ND	1.2	"		ND					25	
2,2,4-Trimethylpentane	1.4	0.38	"		ND					25	
2-Butanone	4.1	0.49	"		4.4				6.82	25	
2-Hexanone	ND	1.3	"		ND					25	
3-Chloropropene	ND	2.6	"		ND					25	
4-Methyl-2-pentanone	20	0.67	"		7.8				87.7	25	Non-dir.
Acetone	27	3.1	"		25				7.80	25	
Acrylonitrile	ND	4.6	"		ND					25	
Benzene	0.84	0.53	"		0.89				6.06	25	
Benzyl chloride	ND	0.85	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Bromoform	ND	1.7	"		ND					25	
Bromomethane	ND	0.64	"		ND					25	
Carbon disulfide	ND	0.51	"		ND					25	
Carbon tetrachloride	0.83	0.26	"		0.83				0.00	25	
Chlorobenzene	ND	0.76	"		ND					25	
Chloroethane	ND	0.43	"		ND					25	
Chloroform	ND	0.80	"		ND					25	
Chloromethane	1.2	0.34	"		1.3				5.56	25	
cis-1,2-Dichloroethylene	ND	0.16	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.75	"		ND					25	
Cyclohexane	ND	0.57	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Dichlorodifluoromethane	3.7	0.81	"		3.7				0.00	25	
Ethyl acetate	28	1.2	"		20				33.1	25	Non-dir.
Ethyl Benzene	6.9	0.71	"		5.0				31.3	25	Non-dir.
Hexachlorobutadiene	ND	1.8	"		ND					25	
Isopropanol	28	2.4	"		18				41.0	25	Non-dir.
Methyl Methacrylate	ND	0.67	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.59	"		ND					25	
Methylene chloride	ND	3.4	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51581 - EPA TO15 PREP											
Duplicate (BD51581-DUP1)	*Source sample: 25C1721-01 (SSV-1 20250326)								Prepared & Analyzed: 04/21/2025		
Naphthalene	ND	1.7	ug/m³		ND					25	
n-Heptane	1.0	0.67	"		0.88				14.3	25	
n-Hexane	0.81	0.58	"		0.87				6.90	25	
o-Xylene	5.3	0.71	"		3.4				42.6	25	Non-dir.
p- & m- Xylenes	21	1.4	"		13				42.8	25	Non-dir.
p-Ethyltoluene	1.9	0.81	"		1.9				0.00	25	
Propylene	0.71	0.28	"		0.71				0.00	25	
Styrene	ND	0.70	"		ND					25	
Tetrachloroethylene	1.2	1.1	"		ND					25	
Tetrahydrofuran	ND	0.97	"		ND					25	
Toluene	180	0.62	"		85				68.8	25	Non-dir.
trans-1,2-Dichloroethylene	ND	0.65	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.75	"		ND					25	
Trichloroethylene	ND	0.22	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.9	0.92	"		1.9				0.00	25	
Vinyl acetate	ND	0.58	"		ND					25	
Vinyl bromide	ND	0.72	"		ND					25	
Vinyl Chloride	ND	0.21	"		ND					25	
Batch BD51611 - EPA TO15 PREP											
Blank (BD51611-BLK1)									Prepared & Analyzed: 04/22/2025		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51611 - EPA TO15 PREP											
Blank (BD51611-BLK1)											
Prepared & Analyzed: 04/22/2025											
Bromodichloromethane	ND	0.67	ug/m^3								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								
Naphthalene	ND	1.0	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

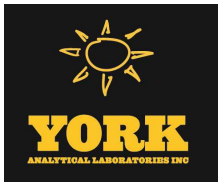
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51611 - EPA TO15 PREP											
LCS (BD51611-BS1)								Prepared & Analyzed: 04/22/2025			
1,1,1,2-Tetrachloroethane	10.3		ppbv	10.0		103	70-130				
1,1,1-Trichloroethane	11.5		"	10.0		115	70-130				
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	70-130				
1,1,2-Trichloroethane	9.52		"	10.0		95.2	70-130				
1,1-Dichloroethane	11.2		"	10.0		112	70-130				
1,1-Dichloroethylene	11.1		"	10.0		111	70-130				
1,2,4-Trichlorobenzene	8.40		"	10.0		84.0	70-130				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	70-130				
1,2-Dibromoethane	10.3		"	10.0		103	70-130				
1,2-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,2-Dichloroethane	12.3		"	10.0		123	70-130				
1,2-Dichloropropane	9.32		"	10.0		93.2	70-130				
1,2-Dichlorotetrafluoroethane	8.87		"	10.0		88.7	70-130				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70-130				
1,3-Butadiene	10.6		"	10.0		106	70-130				
1,3-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,3-Dichloropropane	10.3		"	10.0		103	70-130				
1,4-Dichlorobenzene	12.7		"	10.0		127	70-130				
1,4-Dioxane	10.4		"	10.0		104	70-130				
2,2,4-Trimethylpentane	11.0		"	10.0		110	70-130				
2-Butanone	10.2		"	10.0		102	70-130				
2-Hexanone	8.60		"	10.0		86.0	70-130				
3-Chloropropene	10.8		"	10.0		108	70-130				
4-Methyl-2-pentanone	8.87		"	10.0		88.7	70-130				
Acetone	9.97		"	10.0		99.7	70-130				
Acrylonitrile	9.82		"	10.0		98.2	70-130				
Benzene	11.3		"	10.0		113	70-130				
Benzyl chloride	8.78		"	10.0		87.8	70-130				
Bromodichloromethane	9.62		"	10.0		96.2	70-130				
Bromoform	13.6		"	10.0		136	70-130	High Bias			
Bromomethane	12.1		"	10.0		121	70-130				
Carbon disulfide	12.1		"	10.0		121	70-130				
Carbon tetrachloride	12.1		"	10.0		121	70-130				
Chlorobenzene	10.6		"	10.0		106	70-130				
Chloroethane	12.0		"	10.0		120	70-130				
Chloroform	11.3		"	10.0		113	70-130				
Chloromethane	8.05		"	10.0		80.5	70-130				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	11.2		"	10.0		112	70-130				
Dibromochloromethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	11.2		"	10.0		112	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	15.9		"	10.0		159	70-130	High Bias			
Isopropanol	8.82		"	10.0		88.2	70-130				
Methyl Methacrylate	9.65		"	10.0		96.5	70-130				
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	70-130				
Methylene chloride	10.3		"	10.0		103	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD51611 - EPA TO15 PREP											
LCS (BD51611-BS1)								Prepared & Analyzed: 04/22/2025			
Naphthalene	9.89		ppbv	10.0		98.9	70-130				
n-Heptane	10.4		"	10.0		104	70-130				
n-Hexane	11.1		"	10.0		111	70-130				
o-Xylene	10.1		"	10.0		101	70-130				
p- & m- Xylenes	19.9		"	20.0		99.4	70-130				
p-Ethyltoluene	10.8		"	10.0		108	70-130				
Propylene	9.75		"	10.0		97.5	70-130				
Styrene	10.8		"	10.0		108	70-130				
Tetrachloroethylene	12.5		"	10.0		125	70-130				
Tetrahydrofuran	10.4		"	10.0		104	70-130				
Toluene	10.2		"	10.0		102	70-130				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Trichloroethylene	9.98		"	10.0		99.8	70-130				
Trichlorofluoromethane (Freon 11)	11.4		"	10.0		114	70-130				
Vinyl acetate	8.70		"	10.0		87.0	70-130				
Vinyl bromide	12.5		"	10.0		125	70-130				
Vinyl Chloride	9.94		"	10.0		99.4	70-130				


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1721

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAME	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address:	Address:	YOUR Project Name: 20240302	RUSH - Two Day
Phone.: 845-454-2544	Phone.:	Phone.:		RUSH - Three Day
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240302	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SSV-1 20250326	03-26-2025 1127	AS	-30"	-6"	37000	20451	VOCs VIA USEPA METHOD TO-15 SIM
AI-1 20250326	1128	AI	-24"	-2"	24254	20438	
SSV-2 20250326	1122	AS	-29"	-8"	50376	13571	
AI-2 20250326	1122	AI	-30"	-2"	18299	20439	
SSV-3 20250326	0814	AS	-30"	-2"	34497	19428	
AI-3 20250326	0814	AI	-29"	-3"	34496	20233	
SSV-4 20250326	0902	AS	-30"	-4"	50378	16421	
AI-4 20250326	0902	AI	-30"	-2"	52073	7087	
SSV-5 20250326	0908	AS	-30+"	-4"	49981	17895	
AI-5 20250326	0908	AI	-30"	-2"	50305	16419	

Comments:

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 1455		
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
			3/27/25 15:30	3/27/25	18:30
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time**
3/27/25	8:44			3/28/25	8:44

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1721

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAME	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVE POUGHKEEPSIE, NY 12603	Address:	Address:	YOUR Project Name: 20240302	RUSH - Two Day
Phone.: 845-454-2544	Phone.:	Phone.:		RUSH - Three Day
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240302	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)
- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- Other:
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliv.
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-6 20250326	3-26-25 1138	AI	-30"	-3"	23800	20452	VOCs VIA USEPA METHOD TO-15 SIM
AI-7 20250326	1133	AI	-28"	-7"	49576	16423	
AO-1 20250326	1136	AO	-30"	-4"	50306	20442	

Comments:

Detection Limits Required
≤ 1 ug/m³ ____ NYSDEC V1 Limits ____
Routine Survey ____ Other ____

Sampling Media
6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/09/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE | STRATFORD, CT 06615 | 132-02 89th AVENUE | RICHMOND HILL, NY 11418
www.YORKLAB.com | (203) 325-1371 | FAX (203) 357-0166 | ClientServices@yorklab.com

Report Date: 04/09/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 27, 2025 and listed below. The project was identified as your project: **20240302**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C1716-01	AI-8 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-02	AI-9 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-03	AI-10 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-04	AI-11 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-05	AI-12 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-06	AI-13 20250326	Indoor Ambient Air	03/26/2025	03/27/2025

General Notes for York Project (SDG) No.: 25C1716

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/09/2025

Sample Information

Client Sample ID: **AI-8 20250326** **York Sample ID:** **25C1716-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.57**		ug/m³	0.44	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.67**		ug/m³	0.21	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
78-93-3	**2-Butanone**	**2.2**		ug/m³	0.26	0.89	EPA TO-15 Certifications:	04/08/2025 08:00 NELAC-NY12058,NJDEP-NY037	04/08/2025 16:40	YR

Sample Information

Client Sample ID: AI-8 20250326 **York Sample ID:** 25C1716-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
67-64-1	**Acetone**	**55**		ug/m³	1.7	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
107-13-1	**Acrylonitrile**	**41**		ug/m³	2.5	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
71-43-2	**Benzene**	**1.2**		ug/m³	0.28	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.60	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-25-2	Bromoform	ND		ug/m³	0.92	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
56-23-5	**Carbon tetrachloride**	**0.45**		ug/m³	0.14	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
67-66-3	**Chloroform**	**1.3**		ug/m³	0.43	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.18	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.76	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.44	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
141-78-6	*** Ethyl acetate**	**21**		ug/m³	0.64	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
100-41-4	**Ethyl Benzene**	**0.66**		ug/m³	0.39	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR

Sample Information

Client Sample ID: AI-8 20250326 **York Sample ID:** 25C1716-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.95	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
67-63-0	**Isopropanol**	**170**	TO-IPA, E	ug/m³	1.3	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
91-20-3	* Naphthalene	ND		ug/m³	0.93	0.89	EPA TO-15 Certifications: NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.36	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
110-54-3	**n-Hexane**	**0.60**		ug/m³	0.31	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
95-47-6	**o-Xylene**	**0.66**		ug/m³	0.39	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
179601-23-1	**p- & m- Xylenes**	**1.7**		ug/m³	0.77	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
622-96-8	*** p-Ethyltoluene**	**0.44**		ug/m³	0.44	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
100-42-5	**Styrene**	**0.80**		ug/m³	0.38	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.60	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
109-99-9	*** Tetrahydrofuran**	**0.58**		ug/m³	0.52	0.89	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 16:40	YR
108-88-3	**Toluene**	**5.0**		ug/m³	0.34	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.50	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.89	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 16:40	YR

Sample Information

Client Sample ID: AI-8 20250326 **York Sample ID:** 25C1716-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Sample Information

Client Sample ID: AI-9 20250326 **York Sample ID:** 25C1716-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 17:45	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.66	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.64	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.66	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.60	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.57	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 17:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR

Sample Information

Client Sample ID: AI-9 20250326 **York Sample ID:** 25C1716-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.56**		ug/m³	0.20	0.862	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 17:45	YR
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.25	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.862	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 17:45	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.35	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
67-64-1	**Acetone**	**14**		ug/m³	1.6	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.4	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
71-43-2	**Benzene**	**0.63**		ug/m³	0.28	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-25-2	Bromoform	ND		ug/m³	0.89	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
74-83-9	Bromomethane	ND		ug/m³	0.33	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.14	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
67-66-3	Chloroform	ND		ug/m³	0.42	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.18	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.73	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR

Sample Information

Client Sample ID: AI-9 20250326 **York Sample ID:** 25C1716-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.43	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**9.5**		ug/m³	0.62	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.41**		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.92	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**5.1**		ug/m³	1.3	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.90	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**2.4**		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.49**		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.37**		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.0**		ug/m³	0.75	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.15	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.58	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.2**		ug/m³	0.51	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications:			
108-88-3	**Toluene**	**4.2**		ug/m³	0.32	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.48	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AI-9 20250326 **York Sample ID:** 25C1716-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.30	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.862	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 17:45	YR

Sample Information

Client Sample ID: AI-10 20250326 **York Sample ID:** 25C1716-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 18:50	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.99	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR

Sample Information

Client Sample ID: AI-10 20250326 **York Sample ID:** 25C1716-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.93	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.88	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 18:50	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.96	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.31	1.329	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 18:50	YR
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.39	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.329	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 18:50	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.54	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
67-64-1	**Acetone**	**30**		ug/m³	2.5	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.7	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
71-43-2	**Benzene**	**0.51**		ug/m³	0.42	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.69	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.89	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
74-83-9	Bromomethane	ND		ug/m³	0.52	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.41	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.21	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.61	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-00-3	Chloroethane	ND		ug/m³	0.35	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR

Sample Information

Client Sample ID: AI-10 20250326 **York Sample ID:** 25C1716-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**1.9**		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.27	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.46	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.66	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**6.4**		ug/m³	0.96	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**25**		ug/m³	2.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.48	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	2.8	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**0.93**		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.47	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.2	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.23	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.57	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.90	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AI-10 20250326 **York Sample ID:** 25C1716-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.78	1.329	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 18:50	YR
108-88-3	**Toluene**	**2.5**		ug/m³	0.50	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.53	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.18	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.75	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.47	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.58	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	1.329	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 18:50	YR

Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID:** 25C1716-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 19:54	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR

Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID:** 25C1716-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.67	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.45**		ug/m³	0.45	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.63	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.60	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 19:54	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.65	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.51**		ug/m³	0.21	0.908	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 19:54	YR
78-93-3	**2-Butanone**	**1.8**		ug/m³	0.27	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.74	0.908	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 19:54	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
67-64-1	**Acetone**	**28**		ug/m³	1.7	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
71-43-2	**Benzene**	**0.61**		ug/m³	0.29	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.47	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR

Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID:** 25C1716-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	0.94	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.14	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-00-3	Chloroethane	ND		ug/m³	0.24	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
67-66-3	Chloroform	ND		ug/m³	0.44	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.19	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.77	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.45	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
141-78-6	*** Ethyl acetate**	**4.8**		ug/m³	0.65	0.908	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 19:54	YR
100-41-4	**Ethyl Benzene**	**0.55**		ug/m³	0.39	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.97	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
67-63-0	**Isopropanol**	**6.8**		ug/m³	1.3	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.37	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
91-20-3	* Naphthalene	ND		ug/m³	0.95	0.908	EPA TO-15 Certifications: NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
142-82-5	**n-Heptane**	**2.4**		ug/m³	0.37	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR
110-54-3	**n-Hexane**	**0.51**		ug/m³	0.32	0.908	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 19:54	YR

Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID:** 25C1716-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**0.59**		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.79	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.16	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.2**		ug/m³	0.54	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications:			
108-88-3	**Toluene**	**4.2**		ug/m³	0.34	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.51	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AI-12 20250326 **York Sample ID:** 25C1716-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications:			

Sample Information

Client Sample ID: AI-12 20250326 **York Sample ID:** 25C1716-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.61**		ug/m³	0.47	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
106-46-7	**1,4-Dichlorobenzene**	**0.81**		ug/m³	0.58	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.22	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
78-93-3	**2-Butanone**	**2.1**		ug/m³	0.28	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR

Sample Information

Client Sample ID: AI-12 20250326 **York Sample ID:** 25C1716-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**59**		ug/m³	1.8	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	2.7	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.52**		ug/m³	0.31	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.99	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.37	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.42**		ug/m³	0.15	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.25	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**1.2**		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.20	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**6.2**		ug/m³	0.69	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**52**		ug/m³	1.4	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: AI-12 20250326 **York Sample ID:** 25C1716-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.958	EPA TO-15 Certifications: NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
142-82-5	**n-Heptane**	**1.8**		ug/m³	0.39	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
110-54-3	**n-Hexane**	**0.41**		ug/m³	0.34	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
95-47-6	**o-Xylene**	**0.46**		ug/m³	0.42	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
179601-23-1	**p- & m- Xylenes**	**1.0**		ug/m³	0.83	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.47	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
115-07-1	* Propylene	ND		ug/m³	0.16	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
100-42-5	**Styrene**	**0.86**		ug/m³	0.41	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
109-99-9	*** Tetrahydrofuran**	**1.0**		ug/m³	0.57	0.958	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 20:58	YR
108-88-3	**Toluene**	**4.5**		ug/m³	0.36	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.54	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.958	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 20:58	YR

Sample Information

Client Sample ID: AI-13 20250326 **York Sample ID:** 25C1716-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 22:03	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.67**		ug/m³	0.67	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.65	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
95-63-6	**1,2,4-Trimethylbenzene**	**8.9**		ug/m³	0.43	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
108-67-8	**1,3,5-Trimethylbenzene**	**3.0**		ug/m³	0.43	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 22:03	YR
106-46-7	**1,4-Dichlorobenzene**	**0.58**		ug/m³	0.52	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**0.53**		ug/m³	0.20	0.87	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 22:03	YR
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.26	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.87	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 22:03	YR

Sample Information

Client Sample ID: AI-13 20250326 **York Sample ID:** 25C1716-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
67-64-1	**Acetone**	**22**		ug/m³	1.7	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.5	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
71-43-2	**Benzene**	**1.3**		ug/m³	0.28	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-25-2	Bromoform	ND		ug/m³	0.90	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
74-83-9	Bromomethane	ND		ug/m³	0.34	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
56-23-5	**Carbon tetrachloride**	**0.55**		ug/m³	0.14	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
67-66-3	Chloroform	ND		ug/m³	0.42	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.18	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
75-71-8	**Dichlorodifluoromethane**	**3.1**		ug/m³	0.43	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
141-78-6	*** Ethyl acetate**	**4.2**		ug/m³	0.63	0.87	EPA TO-15 Certifications:	04/08/2025 08:00	04/08/2025 22:03	YR
100-41-4	**Ethyl Benzene**	**0.45**		ug/m³	0.38	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.93	0.87	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/08/2025 08:00	04/08/2025 22:03	YR

Sample Information

Client Sample ID: AI-13 20250326 **York Sample ID:** 25C1716-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**12**		ug/m³	1.3	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.91	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NJDEP-NY037			
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.77**		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**0.76**		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**1.6**		ug/m³	0.76	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**9.3**		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.15	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.37	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**1.1**		ug/m³	0.59	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.3**		ug/m³	0.51	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	0.33	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.49	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Analytical Batch Summary

Batch ID: BD50585 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25C1716-01	AI-8 20250326	04/08/25
25C1716-02	AI-9 20250326	04/08/25
25C1716-03	AI-10 20250326	04/08/25
25C1716-04	AI-11 20250326	04/08/25
25C1716-05	AI-12 20250326	04/08/25
25C1716-06	AI-13 20250326	04/08/25
BD50585-BLK1	Blank	04/08/25
BD50585-BS1	LCS	04/08/25
BD50585-DUP1	Duplicate	04/08/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD50585 - EPA TO15 PREP											
Blank (BD50585-BLK1)											Prepared & Analyzed: 04/08/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD50585 - EPA TO15 PREP											
Blank (BD50585-BLK1)											Prepared & Analyzed: 04/08/2025
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	1.0	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BD50585-BS1)											Prepared & Analyzed: 04/08/2025
1,1,1,2-Tetrachloroethane	10.0		ppbv	10.0		100	70-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130				
1,1,2-Trichloroethane	11.5		"	10.0		115	70-130				
1,1-Dichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethylene	10.6		"	10.0		106	70-130				
1,2,4-Trichlorobenzene	9.17		"	10.0		91.7	70-130				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	70-130				
1,2-Dibromoethane	11.4		"	10.0		114	70-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,2-Dichloroethane	9.80		"	10.0		98.0	70-130				
1,2-Dichloropropane	10.6		"	10.0		106	70-130				
1,2-Dichlorotetrafluoroethane	11.1		"	10.0		111	70-130				
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	70-130				
1,3-Butadiene	11.8		"	10.0		118	70-130				
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2,2,4-Trimethylpentane	10.7		"	10.0		107	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	11.0		"	10.0		110	70-130				
3-Chloropropene	9.65		"	10.0		96.5	70-130				
4-Methyl-2-pentanone	10.7		"	10.0		107	70-130				
Acetone	9.37		"	10.0		93.7	70-130				
Acrylonitrile	10.1		"	10.0		101	70-130				
Benzene	10.0		"	10.0		100	70-130				
Benzyl chloride	11.0		"	10.0		110	70-130				
Bromodichloromethane	11.1		"	10.0		111	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD50585 - EPA TO15 PREP											
LCS (BD50585-BS1)								Prepared & Analyzed: 04/08/2025			
Bromoform	11.6		ppbv	10.0		116	70-130				
Bromomethane	10.7		"	10.0		107	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	10.2		"	10.0		102	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	10.4		"	10.0		104	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	10.6		"	10.0		106	70-130				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	70-130				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Cyclohexane	9.74		"	10.0		97.4	70-130				
Dibromochloromethane	10.7		"	10.0		107	70-130				
Dichlorodifluoromethane	11.2		"	10.0		112	70-130				
Ethyl acetate	9.84		"	10.0		98.4	70-130				
Ethyl Benzene	10.2		"	10.0		102	70-130				
Hexachlorobutadiene	7.66		"	10.0		76.6	70-130				
Isopropanol	9.19		"	10.0		91.9	70-130				
Methyl Methacrylate	10.2		"	10.0		102	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	10.5		"	10.0		105	70-130				
Naphthalene	8.64		"	10.0		86.4	70-130				
n-Heptane	9.94		"	10.0		99.4	70-130				
n-Hexane	10.2		"	10.0		102	70-130				
o-Xylene	9.95		"	10.0		99.5	70-130				
p- & m- Xylenes	20.2		"	20.0		101	70-130				
p-Ethyltoluene	9.82		"	10.0		98.2	70-130				
Propylene	9.94		"	10.0		99.4	70-130				
Styrene	10.3		"	10.0		103	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	10.4		"	10.0		104	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	11.3		"	10.0		113	70-130				
Trichloroethylene	10.9		"	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	10.7		"	10.0		107	70-130				
Vinyl acetate	8.45		"	10.0		84.5	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	11.6		"	10.0		116	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BD50585 - EPA TO15 PREP

Duplicate (BD50585-DUP1) *Source sample: 25C1716-06 (AI-13 20250326) Prepared & Analyzed: 04/08/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.60	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.47	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.60	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.73	0.67	"		ND					25	
1,1,2-Trichloroethane	ND	0.47	"		ND					25	
1,1-Dichloroethane	ND	0.35	"		ND					25	
1,1-Dichloroethylene	ND	0.086	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.65	"		ND					25	
1,2,4-Trimethylbenzene	17	0.43	"		8.9				63.2	25	Non-dir.
1,2-Dibromoethane	ND	0.67	"		ND					25	
1,2-Dichlorobenzene	ND	0.52	"		ND					25	
1,2-Dichloroethane	ND	0.35	"		ND					25	
1,2-Dichloropropane	ND	0.40	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.61	"		ND					25	
1,3,5-Trimethylbenzene	5.7	0.43	"		3.0				62.1	25	Non-dir.
1,3-Butadiene	ND	0.58	"		ND					25	
1,3-Dichlorobenzene	ND	0.52	"		ND					25	
1,3-Dichloropropane	ND	0.40	"		ND					25	
1,4-Dichlorobenzene	0.58	0.52	"		0.58				0.00	25	
1,4-Dioxane	ND	0.63	"		ND					25	
2,2,4-Trimethylpentane	0.57	0.20	"		0.53				7.41	25	
2-Butanone	2.1	0.26	"		1.9				6.45	25	
2-Hexanone	ND	0.71	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	ND	0.36	"		ND					25	
Acetone	22	1.7	"		22				0.854	25	
Acrylonitrile	ND	2.5	"		ND					25	
Benzene	1.2	0.28	"		1.3				6.74	25	
Benzyl chloride	ND	0.45	"		ND					25	
Bromodichloromethane	ND	0.58	"		ND					25	
Bromoform	ND	0.90	"		ND					25	
Bromomethane	ND	0.34	"		ND					25	
Carbon disulfide	ND	0.27	"		ND					25	
Carbon tetrachloride	0.55	0.14	"		0.55				0.00	25	
Chlorobenzene	ND	0.40	"		ND					25	
Chloroethane	ND	0.23	"		ND					25	
Chloroform	ND	0.42	"		ND					25	
Chloromethane	1.9	0.18	"		1.8				1.96	25	
cis-1,2-Dichloroethylene	ND	0.086	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Cyclohexane	ND	0.30	"		ND					25	
Dibromochloromethane	ND	0.74	"		ND					25	
Dichlorodifluoromethane	3.2	0.43	"		3.1				4.08	25	
Ethyl acetate	4.4	0.63	"		4.2				3.66	25	
Ethyl Benzene	0.53	0.38	"		0.45				15.4	25	
Hexachlorobutadiene	ND	0.93	"		ND					25	
Isopropanol	14	1.3	"		12				21.2	25	
Methyl Methacrylate	ND	0.36	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.31	"		ND					25	
Methylene chloride	0.79	1.8	"		0.73				8.00	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD50585 - EPA TO15 PREP											
Duplicate (BD50585-DUP1)	*Source sample: 25C1716-06 (AI-13 20250326)								Prepared & Analyzed: 04/08/2025		
Naphthalene	ND	0.91	ug/m³		ND					25	
n-Heptane	1.6	0.36	"		1.5				4.55	25	
n-Hexane	0.83	0.31	"		0.77				7.69	25	
o-Xylene	0.98	0.38	"		0.76				26.1	25	Non-dir.
p- & m- Xylenes	1.8	0.76	"		1.6				11.0	25	
p-Ethyltoluene	17	0.43	"		9.3				60.5	25	Non-dir.
Propylene	ND	0.15	"		ND					25	
Styrene	ND	0.37	"		ND					25	
Tetrachloroethylene	1.6	0.59	"		1.1				34.8	25	Non-dir.
Tetrahydrofuran	1.4	0.51	"		1.3				13.3	25	
Toluene	5.5	0.33	"		5.0				10.0	25	
trans-1,2-Dichloroethylene	ND	0.34	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Trichloroethylene	ND	0.12	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.6	0.49	"		1.6				0.00	25	
Vinyl acetate	ND	0.31	"		ND					25	
Vinyl bromide	ND	0.38	"		ND					25	
Vinyl Chloride	ND	0.11	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1716

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAM AMBROSE	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, N.Y. 12603	Address: SAME	Address: SAME	YOUR Project Name: 20240302	RUSH - Two Day / Three Day / Four Day
Phone: 845-454-2544	Phone:	Phone:		Standard (5-7 Day) X
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240302	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes: AI - Indoor Ambient Air; AO - Outdoor Amb. Air; AE - Vapor Extraction Well/ Process Gas/Effluent; AS - Soil Vapor/Sub-Slab

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other: | CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP | Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-8 20250326	03-26-25 1148	AI	-30"	-8"	48303	20416	VOCs VIA USEPA METHOD TO-15 SIM
AI-9 20250326	1147	AI	-30"	-6"	24058	19384	
AI-10 20250326	1151	AI	-30"	-14"	28314	19396	
AI-11 20250326	1151	AI	-30"	-8"	37794	20232	
AI-12 20250326	1154	AI	-30"	-8"	42997	20458	
AI-13 20250326	1155	AI	-30"	-6"	24163	20436	

Comments:

Detection Limits Required: ≤ 1 ug/m³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___

Sampling Media: 6 Liter Canister; Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	03-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

Appendix D

Category B Deliverables

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Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 27, 2025 and listed below. The project was identified as your project: **20240302**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C1716-01	AI-8 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-02	AI-9 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-03	AI-10 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-04	AI-11 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-05	AI-12 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-06	AI-13 20250326	Indoor Ambient Air	03/26/2025	03/27/2025

General Notes for York Project (SDG) No.: 25C1716

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/30/2025

CERTIFICATE OF ANALYSIS

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302

Volatile Organic Compounds in Air by GC/MS

Client Sample Id:	Lab Sample Id:	Matrix:
AI-8 20250326	25C1716-01	Indoor Ambient Air
AI-9 20250326	25C1716-02	Indoor Ambient Air
AI-10 20250326	25C1716-03	Indoor Ambient Air
AI-11 20250326	25C1716-04	Indoor Ambient Air
AI-12 20250326	25C1716-05	Indoor Ambient Air
AI-13 20250326	25C1716-06	Indoor Ambient Air

Analyzed by: York Analytical Laboratories, Inc. - Stratford

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:48
Reference Method:	EPA TO-15	**Client ID**	AI-8 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-01	1,1,1,2-Tetrachloroethane	ND		0.61		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1,1-Trichloroethane	ND		0.49		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1,2,2-Tetrachloroethane	ND		0.61		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.68		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1,2-Trichloroethane	ND		0.49		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1-Dichloroethane	ND		0.36		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,1-Dichloroethylene	ND		0.088		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2,4-Trichlorobenzene	ND		0.66		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2,4-Trimethylbenzene	**0.57**		0.44		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2-Dibromoethane	ND		0.68		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2-Dichlorobenzene	ND		0.54		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2-Dichloroethane	ND		0.36		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2-Dichloropropane	ND		0.41		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,2-Dichlorotetrafluoroethane	ND		0.62		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,3,5-Trimethylbenzene	ND		0.44		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,3-Butadiene	ND		0.59		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,3-Dichlorobenzene	ND		0.54		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,3-Dichloropropane	ND		0.41		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,4-Dichlorobenzene	ND		0.54		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	1,4-Dioxane	ND		0.64		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	2,2,4-Trimethylpentane	**0.67**		0.21		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	2-Butanone	**2.2**		0.26		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	2-Hexanone	ND		0.73		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	3-Chloropropene	ND		1.4		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	4-Methyl-2-pentanone	ND		0.36		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Acetone	**55**		1.7		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Acrylonitrile	**41**		2.5		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Benzene	**1.2**		0.28		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Benzyl chloride	ND		0.46		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Bromodichloromethane	ND		0.60		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Bromoform	ND		0.92		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Bromomethane	ND		0.35		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Carbon disulfide	ND		0.28		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Carbon tetrachloride	**0.45**		0.14		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Chlorobenzene	ND		0.41		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Chloroethane	ND		0.23		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Chloroform	**1.3**		0.43		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Chloromethane	**1.5**		0.18		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	cis-1,2-Dichloroethylene	ND		0.088		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	cis-1,3-Dichloropropylene	ND		0.40		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Cyclohexane	ND		0.31		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Dibromochloromethane	ND		0.76		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Dichlorodifluoromethane	**2.5**		0.44		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Ethyl acetate	**21**		0.64		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Ethyl Benzene	**0.66**		0.39		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Hexachlorobutadiene	ND		0.95		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Isopropanol	**170**	TO-IPA, E	1.3		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Methyl Methacrylate	ND		0.36		0.89	ug/m³	4/8/25 4:40 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:48
Reference Method:	EPA TO-15	**Client ID**	AI-8 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-01	Methyl tert-butyl ether (MTBE)	ND		0.32		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Methylene chloride	ND		1.9		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Naphthalene	ND		0.93		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	n-Heptane	**1.3**		0.36		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	n-Hexane	**0.60**		0.31		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	o-Xylene	**0.66**		0.39		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	p- & m- Xylenes	**1.7**		0.77		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	p-Ethyltoluene	**0.44**		0.44		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Propylene	ND		0.15		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Styrene	**0.80**		0.38		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Tetrachloroethylene	ND		0.60		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Tetrahydrofuran	**0.58**		0.52		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Toluene	**5.0**		0.34		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	trans-1,2-Dichloroethylene	ND		0.35		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	trans-1,3-Dichloropropylene	ND		0.40		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Trichloroethylene	ND		0.12		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Trichlorofluoromethane (Freon 11)	**1.3**		0.50		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Vinyl acetate	ND		0.31		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Vinyl bromide	ND		0.39		0.89	ug/m³	4/8/25 4:40 pm
25C1716-01	Vinyl Chloride	ND		0.11		0.89	ug/m³	4/8/25 4:40 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:47
Reference Method:	EPA TO-15	**Client ID**	AI-9 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-02	1,1,1,2-Tetrachloroethane	ND		0.59		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1,1-Trichloroethane	ND		0.47		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1,2,2-Tetrachloroethane	ND		0.59		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.66		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1,2-Trichloroethane	ND		0.47		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1-Dichloroethane	ND		0.35		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,1-Dichloroethylene	ND		0.085		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2,4-Trichlorobenzene	ND		0.64		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2,4-Trimethylbenzene	ND		0.42		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2-Dibromoethane	ND		0.66		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2-Dichlorobenzene	ND		0.52		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2-Dichloroethane	ND		0.35		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2-Dichloropropane	ND		0.40		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,2-Dichlorotetrafluoroethane	ND		0.60		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,3,5-Trimethylbenzene	ND		0.42		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,3-Butadiene	ND		0.57		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,3-Dichlorobenzene	ND		0.52		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,3-Dichloropropane	ND		0.40		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,4-Dichlorobenzene	ND		0.52		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	1,4-Dioxane	ND		0.62		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	2,2,4-Trimethylpentane	**0.56**		0.20		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	2-Butanone	**1.9**		0.25		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	2-Hexanone	ND		0.71		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	3-Chloropropene	ND		1.3		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	4-Methyl-2-pentanone	ND		0.35		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Acetone	**14**		1.6		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Acrylonitrile	ND		2.4		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Benzene	**0.63**		0.28		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Benzyl chloride	ND		0.45		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Bromodichloromethane	ND		0.58		0.862	ug/m³	4/8/25 5:45 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:47
Reference Method:	EPA TO-15	**Client ID**	AI-9 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-02	Bromoform	ND		0.89		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Bromomethane	ND		0.33		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Carbon disulfide	ND		0.27		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Carbon tetrachloride	**0.38**		0.14		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Chlorobenzene	ND		0.40		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Chloroethane	ND		0.23		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Chloroform	ND		0.42		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Chloromethane	**1.3**		0.18		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	cis-1,2-Dichloroethylene	ND		0.085		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	cis-1,3-Dichloropropylene	ND		0.39		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Cyclohexane	ND		0.30		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Dibromochloromethane	ND		0.73		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Dichlorodifluoromethane	**2.4**		0.43		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Ethyl acetate	**9.5**		0.62		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Ethyl Benzene	**0.41**		0.37		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Hexachlorobutadiene	ND		0.92		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Isopropanol	**5.1**		1.3		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Methyl Methacrylate	ND		0.35		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Methyl tert-butyl ether (MTBE)	ND		0.31		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Methylene chloride	ND		1.8		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Naphthalene	ND		0.90		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	n-Heptane	**2.4**		0.35		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	n-Hexane	**0.49**		0.30		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	o-Xylene	**0.37**		0.37		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	p- & m- Xylenes	**1.0**		0.75		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	p-Ethyltoluene	ND		0.42		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Propylene	ND		0.15		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Styrene	ND		0.37		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Tetrachloroethylene	ND		0.58		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Tetrahydrofuran	**1.2**		0.51		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Toluene	**4.2**		0.32		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	trans-1,2-Dichloroethylene	ND		0.34		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	trans-1,3-Dichloropropylene	ND		0.39		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Trichloroethylene	ND		0.12		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Trichlorofluoromethane (Freon 11)	**1.2**		0.48		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Vinyl acetate	ND		0.30		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Vinyl bromide	ND		0.38		0.862	ug/m³	4/8/25 5:45 pm
25C1716-02	Vinyl Chloride	ND		0.11		0.862	ug/m³	4/8/25 5:45 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:51
Reference Method:	EPA TO-15	**Client ID**	AI-10 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-03	1,1,1,2-Tetrachloroethane	ND		0.91		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1,1-Trichloroethane	ND		0.73		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1,2,2-Tetrachloroethane	ND		0.91		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.0		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1,2-Trichloroethane	ND		0.73		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1-Dichloroethane	ND		0.54		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,1-Dichloroethylene	ND		0.13		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2,4-Trichlorobenzene	ND		0.99		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2,4-Trimethylbenzene	ND		0.65		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2-Dibromoethane	ND		1.0		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2-Dichlorobenzene	ND		0.80		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2-Dichloroethane	ND		0.54		1.329	ug/m³	4/8/25 6:50 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:51
Reference Method:	EPA TO-15	**Client ID**	AI-10 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-03	1,2-Dichloropropane	ND		0.61		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,2-Dichlorotetrafluoroethane	ND		0.93		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,3,5-Trimethylbenzene	ND		0.65		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,3-Butadiene	ND		0.88		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,3-Dichlorobenzene	ND		0.80		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,3-Dichloropropane	ND		0.61		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,4-Dichlorobenzene	ND		0.80		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	1,4-Dioxane	ND		0.96		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	2,2,4-Trimethylpentane	ND		0.31		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	2-Butanone	**1.6**		0.39		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	2-Hexanone	ND		1.1		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	3-Chloropropene	ND		2.1		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	4-Methyl-2-pentanone	ND		0.54		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Acetone	**30**		2.5		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Acrylonitrile	ND		3.7		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Benzene	**0.51**		0.42		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Benzyl chloride	ND		0.69		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Bromodichloromethane	ND		0.89		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Bromoform	ND		1.4		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Bromomethane	ND		0.52		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Carbon disulfide	ND		0.41		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Carbon tetrachloride	**0.50**		0.21		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Chlorobenzene	ND		0.61		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Chloroethane	ND		0.35		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Chloroform	**1.9**		0.65		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Chloromethane	**1.5**		0.27		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	cis-1,2-Dichloroethylene	ND		0.13		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	cis-1,3-Dichloropropylene	ND		0.60		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Cyclohexane	ND		0.46		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Dibromochloromethane	ND		1.1		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Dichlorodifluoromethane	**2.4**		0.66		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Ethyl acetate	**6.4**		0.96		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Ethyl Benzene	ND		0.58		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Hexachlorobutadiene	ND		1.4		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Isopropanol	**25**		2.0		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Methyl Methacrylate	ND		0.54		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Methyl tert-butyl ether (MTBE)	ND		0.48		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Methylene chloride	ND		2.8		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Naphthalene	ND		1.4		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	n-Heptane	**0.93**		0.54		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	n-Hexane	ND		0.47		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	o-Xylene	ND		0.58		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	p- & m- Xylenes	ND		1.2		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	p-Ethyltoluene	ND		0.65		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Propylene	ND		0.23		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Styrene	ND		0.57		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Tetrachloroethylene	ND		0.90		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Tetrahydrofuran	ND		0.78		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Toluene	**2.5**		0.50		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	trans-1,2-Dichloroethylene	ND		0.53		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	trans-1,3-Dichloropropylene	ND		0.60		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Trichloroethylene	ND		0.18		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Trichlorofluoromethane (Freon 11)	**1.2**		0.75		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Vinyl acetate	ND		0.47		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Vinyl bromide	ND		0.58		1.329	ug/m³	4/8/25 6:50 pm
25C1716-03	Vinyl Chloride	ND		0.17		1.329	ug/m³	4/8/25 6:50 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:51
Reference Method:	EPA TO-15	**Client ID**	AI-11 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-04	1,1,1,2-Tetrachloroethane	ND		0.62		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1,1-Trichloroethane	ND		0.50		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1,2,2-Tetrachloroethane	ND		0.62		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.70		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1,2-Trichloroethane	ND		0.50		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1-Dichloroethane	ND		0.37		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,1-Dichloroethylene	ND		0.090		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2,4-Trichlorobenzene	ND		0.67		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2,4-Trimethylbenzene	**0.45**		0.45		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2-Dibromoethane	ND		0.70		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2-Dichlorobenzene	ND		0.55		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2-Dichloroethane	ND		0.37		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2-Dichloropropane	ND		0.42		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,2-Dichlorotetrafluoroethane	ND		0.63		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,3,5-Trimethylbenzene	ND		0.45		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,3-Butadiene	ND		0.60		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,3-Dichlorobenzene	ND		0.55		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,3-Dichloropropane	ND		0.42		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,4-Dichlorobenzene	ND		0.55		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	1,4-Dioxane	ND		0.65		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	2,2,4-Trimethylpentane	**0.51**		0.21		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	2-Butanone	**1.8**		0.27		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	2-Hexanone	ND		0.74		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	3-Chloropropene	ND		1.4		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	4-Methyl-2-pentanone	ND		0.37		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Acetone	**28**		1.7		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Acrylonitrile	ND		2.6		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Benzene	**0.61**		0.29		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Benzyl chloride	ND		0.47		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Bromodichloromethane	ND		0.61		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Bromoform	ND		0.94		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Bromomethane	ND		0.35		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Carbon disulfide	ND		0.28		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Carbon tetrachloride	**0.40**		0.14		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Chlorobenzene	ND		0.42		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Chloroethane	ND		0.24		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Chloroform	ND		0.44		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Chloromethane	**1.3**		0.19		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	cis-1,2-Dichloroethylene	ND		0.090		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	cis-1,3-Dichloropropylene	ND		0.41		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Cyclohexane	ND		0.31		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Dibromochloromethane	ND		0.77		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Dichlorodifluoromethane	**2.4**		0.45		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Ethyl acetate	**4.8**		0.65		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Ethyl Benzene	**0.55**		0.39		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Hexachlorobutadiene	ND		0.97		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Isopropanol	**6.8**		1.3		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Methyl Methacrylate	ND		0.37		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Methyl tert-butyl ether (MTBE)	ND		0.33		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Methylene chloride	ND		1.9		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Naphthalene	ND		0.95		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	n-Heptane	**2.4**		0.37		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	n-Hexane	**0.51**		0.32		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	o-Xylene	**0.59**		0.39		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	p- & m- Xylenes	**1.4**		0.79		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	p-Ethyltoluene	ND		0.45		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Propylene	ND		0.16		0.908	ug/m³	4/8/25 7:54 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:51
Reference Method:	EPA TO-15	**Client ID**	AI-11 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-04	Styrene	ND		0.39		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Tetrachloroethylene	ND		0.62		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Tetrahydrofuran	**1.2**		0.54		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Toluene	**4.2**		0.34		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	trans-1,2-Dichloroethylene	ND		0.36		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	trans-1,3-Dichloropropylene	ND		0.41		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Trichloroethylene	ND		0.12		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Trichlorofluoromethane (Freon 11)	**1.2**		0.51		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Vinyl acetate	ND		0.32		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Vinyl bromide	ND		0.40		0.908	ug/m³	4/8/25 7:54 pm
25C1716-04	Vinyl Chloride	ND		0.12		0.908	ug/m³	4/8/25 7:54 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:54
Reference Method:	EPA TO-15	**Client ID**	AI-12 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-05	1,1,1,2-Tetrachloroethane	ND		0.66		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1,1-Trichloroethane	ND		0.52		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1,2,2-Tetrachloroethane	ND		0.66		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.73		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1,2-Trichloroethane	ND		0.52		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1-Dichloroethane	ND		0.39		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,1-Dichloroethylene	ND		0.095		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2,4-Trichlorobenzene	ND		0.71		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2,4-Trimethylbenzene	**0.61**		0.47		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2-Dibromoethane	ND		0.74		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2-Dichlorobenzene	ND		0.58		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2-Dichloroethane	ND		0.39		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2-Dichloropropane	ND		0.44		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,2-Dichlorotetrafluoroethane	ND		0.67		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,3,5-Trimethylbenzene	ND		0.47		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,3-Butadiene	ND		0.64		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,3-Dichlorobenzene	ND		0.58		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,3-Dichloropropane	ND		0.44		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,4-Dichlorobenzene	**0.81**		0.58		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	1,4-Dioxane	ND		0.69		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	2,2,4-Trimethylpentane	ND		0.22		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	2-Butanone	**2.1**		0.28		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	2-Hexanone	ND		0.78		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	3-Chloropropene	ND		1.5		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	4-Methyl-2-pentanone	ND		0.39		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Acetone	**59**		1.8		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Acrylonitrile	ND		2.7		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Benzene	**0.52**		0.31		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Benzyl chloride	ND		0.50		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Bromodichloromethane	ND		0.64		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Bromoform	ND		0.99		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Bromomethane	ND		0.37		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Carbon disulfide	ND		0.30		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Carbon tetrachloride	**0.42**		0.15		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Chlorobenzene	ND		0.44		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Chloroethane	ND		0.25		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Chloroform	**1.2**		0.47		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Chloromethane	**1.4**		0.20		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	cis-1,2-Dichloroethylene	ND		0.095		0.958	ug/m³	4/8/25 8:58 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:54
Reference Method:	EPA TO-15	**Client ID**	AI-12 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-05	cis-1,3-Dichloropropylene	ND		0.43		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Cyclohexane	ND		0.33		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Dibromochloromethane	ND		0.82		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Dichlorodifluoromethane	**2.4**		0.47		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Ethyl acetate	**6.2**		0.69		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Ethyl Benzene	ND		0.42		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Hexachlorobutadiene	ND		1.0		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Isopropanol	**52**		1.4		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Methyl Methacrylate	ND		0.39		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Methyl tert-butyl ether (MTBE)	ND		0.35		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Methylene chloride	ND		2.0		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Naphthalene	ND		1.0		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	n-Heptane	**1.8**		0.39		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	n-Hexane	**0.41**		0.34		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	o-Xylene	**0.46**		0.42		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	p- & m- Xylenes	**1.0**		0.83		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	p-Ethyltoluene	ND		0.47		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Propylene	ND		0.16		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Styrene	**0.86**		0.41		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Tetrachloroethylene	ND		0.65		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Tetrahydrofuran	**1.0**		0.57		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Toluene	**4.5**		0.36		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	trans-1,2-Dichloroethylene	ND		0.38		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	trans-1,3-Dichloropropylene	ND		0.43		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Trichloroethylene	ND		0.13		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Trichlorofluoromethane (Freon 11)	**1.3**		0.54		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Vinyl acetate	ND		0.34		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Vinyl bromide	ND		0.42		0.958	ug/m³	4/8/25 8:58 pm
25C1716-05	Vinyl Chloride	ND		0.12		0.958	ug/m³	4/8/25 8:58 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:55
Reference Method:	EPA TO-15	**Client ID**	AI-13 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-06	1,1,1,2-Tetrachloroethane	ND		0.60		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1,1-Trichloroethane	ND		0.47		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1,2,2-Tetrachloroethane	ND		0.60		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.67**		0.67		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1,2-Trichloroethane	ND		0.47		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1-Dichloroethane	ND		0.35		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,1-Dichloroethylene	ND		0.086		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2,4-Trichlorobenzene	ND		0.65		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2,4-Trimethylbenzene	**8.9**		0.43		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2-Dibromoethane	ND		0.67		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2-Dichlorobenzene	ND		0.52		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2-Dichloroethane	ND		0.35		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2-Dichloropropane	ND		0.40		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,2-Dichlorotetrafluoroethane	ND		0.61		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,3,5-Trimethylbenzene	**3.0**		0.43		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,3-Butadiene	ND		0.58		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,3-Dichlorobenzene	ND		0.52		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,3-Dichloropropane	ND		0.40		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,4-Dichlorobenzene	**0.58**		0.52		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	1,4-Dioxane	ND		0.63		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	2,2,4-Trimethylpentane	**0.53**		0.20		0.87	ug/m³	4/8/25 10:03 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1716
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:55
Reference Method:	EPA TO-15	**Client ID**	AI-13 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1716-06	2-Butanone	**1.9**		0.26		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	2-Hexanone	ND		0.71		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	3-Chloropropene	ND		1.4		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	4-Methyl-2-pentanone	ND		0.36		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Acetone	**22**		1.7		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Acrylonitrile	ND		2.5		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Benzene	**1.3**		0.28		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Benzyl chloride	ND		0.45		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Bromodichloromethane	ND		0.58		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Bromoform	ND		0.90		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Bromomethane	ND		0.34		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Carbon disulfide	ND		0.27		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Carbon tetrachloride	**0.55**		0.14		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Chlorobenzene	ND		0.40		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Chloroethane	ND		0.23		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Chloroform	ND		0.42		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Chloromethane	**1.8**		0.18		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	cis-1,2-Dichloroethylene	ND		0.086		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	cis-1,3-Dichloropropylene	ND		0.39		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Cyclohexane	ND		0.30		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Dibromochloromethane	ND		0.74		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Dichlorodifluoromethane	**3.1**		0.43		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Ethyl acetate	**4.2**		0.63		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Ethyl Benzene	**0.45**		0.38		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Hexachlorobutadiene	ND		0.93		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Isopropanol	**12**		1.3		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Methyl Methacrylate	ND		0.36		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Methyl tert-butyl ether (MTBE)	ND		0.31		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Methylene chloride	ND		1.8		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Naphthalene	ND		0.91		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	n-Heptane	**1.5**		0.36		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	n-Hexane	**0.77**		0.31		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	o-Xylene	**0.76**		0.38		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	p- & m- Xylenes	**1.6**		0.76		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	p-Ethyltoluene	**9.3**		0.43		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Propylene	ND		0.15		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Styrene	ND		0.37		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Tetrachloroethylene	**1.1**		0.59		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Tetrahydrofuran	**1.3**		0.51		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Toluene	**5.0**		0.33		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	trans-1,2-Dichloroethylene	ND		0.34		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	trans-1,3-Dichloropropylene	ND		0.39		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Trichloroethylene	ND		0.12		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Trichlorofluoromethane (Freon 11)	**1.6**		0.49		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Vinyl acetate	ND		0.31		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Vinyl bromide	ND		0.38		0.87	ug/m³	4/8/25 10:03 pm
25C1716-06	Vinyl Chloride	ND		0.11		0.87	ug/m³	4/8/25 10:03 pm

Cassie L. Mosher
Laboratory Manager

File Not Found: Work\25C\25C1716_Narrative.pdf

Analytical Batch Summary

Batch ID: BD50585 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25C1716-01	AI-8 20250326	04/08/25
25C1716-02	AI-9 20250326	04/08/25
25C1716-03	AI-10 20250326	04/08/25
25C1716-04	AI-11 20250326	04/08/25
25C1716-05	AI-12 20250326	04/08/25
25C1716-06	AI-13 20250326	04/08/25
BD50585-BLK1	Blank	04/08/25
BD50585-BS1	LCS	04/08/25
BD50585-DUP1	Duplicate	04/08/25

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA TO-15 in Air		
1,1,1-Trichloroethane	71-55-6	NELAC-NY12058,NJDEP-NY037
1,1,2,2-Tetrachloroethane	79-34-5	NELAC-NY12058,NJDEP-NY037
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NELAC-NY12058,NJDEP-NY037
1,1,2-Trichloroethane	79-00-5	NELAC-NY12058,NJDEP-NY037
1,1-Dichloroethane	75-34-3	NELAC-NY12058,NJDEP-NY037
1,1-Dichloroethylene	75-35-4	NELAC-NY12058,NJDEP-NY037
1,2,4-Trichlorobenzene	120-82-1	NELAC-NY12058,NJDEP-NY037
1,2,4-Trimethylbenzene	95-63-6	NELAC-NY12058,NJDEP-NY037
1,2-Dibromoethane	106-93-4	NELAC-NY12058,NJDEP-NY037
1,2-Dichlorobenzene	95-50-1	NELAC-NY12058,NJDEP-NY037
1,2-Dichloroethane	107-06-2	NELAC-NY12058,NJDEP-NY037
1,2-Dichloropropane	78-87-5	NELAC-NY12058,NJDEP-NY037
1,2-Dichlorotetrafluoroethane	76-14-2	NELAC-NY12058,NJDEP-NY037
1,3,5-Trimethylbenzene	108-67-8	NELAC-NY12058,NJDEP-NY037
1,3-Butadiene	106-99-0	NELAC-NY12058,NJDEP-NY037
1,3-Dichlorobenzene	541-73-1	NELAC-NY12058,NJDEP-NY037
1,4-Dichlorobenzene	106-46-7	NELAC-NY12058,NJDEP-NY037
1,4-Dioxane	123-91-1	NELAC-NY12058,NJDEP-NY037
2-Butanone	78-93-3	NELAC-NY12058,NJDEP-NY037
3-Chloropropene	107-05-1	NELAC-NY12058,NJDEP-NY037
4-Methyl-2-pentanone	108-10-1	NELAC-NY12058,NJDEP-NY037
Acetone	67-64-1	NELAC-NY12058,NJDEP-NY037
Acrylonitrile	107-13-1	NELAC-NY12058,NJDEP-NY037
Benzene	71-43-2	NELAC-NY12058,NJDEP-NY037
Benzyl chloride	100-44-7	NELAC-NY12058,NJDEP-NY037
Bromodichloromethane	75-27-4	NELAC-NY12058,NJDEP-NY037
Bromoform	75-25-2	NELAC-NY12058,NJDEP-NY037
Bromomethane	74-83-9	NELAC-NY12058,NJDEP-NY037
Carbon disulfide	75-15-0	NELAC-NY12058,NJDEP-NY037
Carbon tetrachloride	56-23-5	NELAC-NY12058,NJDEP-NY037
Chlorobenzene	108-90-7	NELAC-NY12058,NJDEP-NY037
Chloroethane	75-00-3	NELAC-NY12058,NJDEP-NY037
Chloroform	67-66-3	NELAC-NY12058,NJDEP-NY037
Chloromethane	74-87-3	NELAC-NY12058,NJDEP-NY037
cis-1,2-Dichloroethylene	156-59-2	NELAC-NY12058,NJDEP-NY037
cis-1,3-Dichloropropylene	10061-01-5	NELAC-NY12058,NJDEP-NY037
Cyclohexane	110-82-7	NELAC-NY12058,NJDEP-NY037
Dibromochloromethane	124-48-1	NELAC-NY12058,NJDEP-NY037
Dichlorodifluoromethane	75-71-8	NELAC-NY12058,NJDEP-NY037
Ethyl Benzene	100-41-4	NELAC-NY12058,NJDEP-NY037
Hexachlorobutadiene	87-68-3	NELAC-NY12058,NJDEP-NY037
Isopropanol	67-63-0	NELAC-NY12058,NJDEP-NY037
Methyl Methacrylate	80-62-6	NELAC-NY12058,NJDEP-NY037
Methyl tert-butyl ether (MTBE)	1634-04-4	NELAC-NY12058,NJDEP-NY037
Methylene chloride	75-09-2	NELAC-NY12058,NJDEP-NY037
Naphthalene	91-20-3	NJDEP-NY037
n-Heptane	142-82-5	NELAC-NY12058,NJDEP-NY037
n-Hexane	110-54-3	NELAC-NY12058,NJDEP-NY037
o-Xylene	95-47-6	NELAC-NY12058,NJDEP-NY037
p- & m- Xylenes	179601-23-1	NELAC-NY12058,NJDEP-NY037
Styrene	100-42-5	NELAC-NY12058,NJDEP-NY037
Tetrachloroethylene	127-18-4	NELAC-NY12058,NJDEP-NY037
Toluene	108-88-3	NELAC-NY12058,NJDEP-NY037

Certified Analyses included in this Report
(Continued)

Analyte	CAS #	Certifications
EPA TO-15 in Air (Continued)		
trans-1,2-Dichloroethylene	156-60-5	NELAC-NY12058,NJDEP-NY037
trans-1,3-Dichloropropylene	10061-02-6	NELAC-NY12058,NJDEP-NY037
Trichloroethylene	79-01-6	NELAC-NY12058,NJDEP-NY037
Trichlorofluoromethane (Freon 11)	75-69-4	NELAC-NY12058,NJDEP-NY037
Vinyl acetate	108-05-4	NELAC-NY12058,NJDEP-NY037
Vinyl bromide	593-60-2	NELAC-NY12058,NJDEP-NY037
Vinyl Chloride	75-01-4	NELAC-NY12058,NJDEP-NY037

List of Certifications

Code	Description	Number	Expires
NELAC-NH2097	NH ELAP 1633 Primary NELAC - Queens	2097	06/22/2025
CTDPH-PH-0721	CTDPH Cert-Queens	PH-0721	09/30/2026
NELAC-NY11706	Newtown -NYSDOH NELAC	11706	04/01/2025
CTDOH-PH-0800	CTDPH Newtown CT	PH-0800	12/31/2025
NJDEP-NY037	NJDEP Certification - Queens	NY037	06/30/2025
NELAC-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2025
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2025
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2025
CTDOH-PH-0723	CTDPH - Stratford	PH-0723	06/30/2025
NELAC-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2025

HOLDING TIME SUMMARY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1716

Client: PVE, LLC. **Project:** 20240302

Sample Name	Date Sampled	Date Received	Preparation Holding Time (Days)	Preparation Date	Preparation Expiration Date	Analysis Holding Time (Days)	Analysis Date	Analysis Expiration Date	Q
AI-8 20250326	03/26/25 11:48	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:48	30.00	04/08/25 16:40	04/25/25 11:48	
AI-9 20250326	03/26/25 11:47	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:47	30.00	04/08/25 17:45	04/25/25 11:47	
AI-10 20250326	03/26/25 11:51	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:51	30.00	04/08/25 18:50	04/25/25 11:51	
AI-11 20250326	03/26/25 11:51	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:51	30.00	04/08/25 19:54	04/25/25 11:51	
AI-12 20250326	03/26/25 11:54	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:54	30.00	04/08/25 20:58	04/25/25 11:54	
AI-13 20250326	03/26/25 11:55	03/27/25 18:30	30.00	04/08/25 08:00	04/25/25 11:55	30.00	04/08/25 22:03	04/25/25 11:55	

Sample and Data Qualifiers Relating to This Work Order

TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1716

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAM AMBROSE	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, N.Y. 12603	Address: SAME	Address: SAME	YOUR Project Name: 20240302	RUSH - Two Day
Phone: 845-454-2544	Phone:	Phone:		RUSH - Three Day
Contact: A.SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240302	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes: AI - Indoor Ambient Air; AO - Outdoor Amb. Air; AE - Vapor Extraction Well/ Process Gas/Effluent; AS - Soil Vapor/Sub-Slab

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): (Summary Report); QA Report; NY ASP A Package; (NY ASP B Package); Other: — CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP — Standard Excel EDD; EQuIS (Standard); (NYSDEC EQuIS); NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-8 20250326	03-26-25 1148	AI	-30"	-8"	48303	20416	VOCs VIA USEPA METHOD TO-15 SIM
AI-9 20250326	1147	AI	-30"	-6"	24058	19384	
AI-10 20250326	1151	AI	-30"	-14"	28314	19396	
AI-11 20250326	1151	AI	-30"	-8"	37794	20232	
AI-12 20250326	1154	AI	-30"	-8"	42997	20458	
AI-13 20250326	1155	AI	-30"	-6"	24163	20436	

Comments:

Detection Limits Required: ≤ 1 ug/m³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___

Sampling Media: 6 Liter Canister; Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	03-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

DATA PACKAGE

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1716

Client: PVE, LLC. Project: 20240302

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1716

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR2

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.7	0.7	ug/m³
1,1,1-Trichloroethane	0.55	0.55	ug/m³
1,1,2,2-Tetrachloroethane	0.7	0.7	ug/m³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.78	0.78	ug/m³
1,1,2-Trichloroethane	0.55	0.55	ug/m³
1,1-Dichloroethane	0.41	0.41	ug/m³
1,1-Dichloroethylene	0.1	0.1	ug/m³
1,2,4-Trichlorobenzene	0.75	0.75	ug/m³
1,2,4-Trimethylbenzene	0.5	0.5	ug/m³
1,2-Dibromoethane	0.78	0.78	ug/m³
1,2-Dichlorobenzene	0.61	0.61	ug/m³
1,2-Dichloroethane	0.41	0.41	ug/m³
1,2-Dichloropropane	0.47	0.47	ug/m³
1,2-Dichlorotetrafluoroethane	0.71	0.71	ug/m³
1,3,5-Trimethylbenzene	0.5	0.5	ug/m³
1,3-Butadiene	0.68	0.68	ug/m³
1,3-Dichlorobenzene	0.61	0.61	ug/m³
1,3-Dichloropropane	0.47	0.47	ug/m³
1,4-Dichlorobenzene	0.61	0.61	ug/m³
1,4-Dioxane	0.73	0.73	ug/m³
2,2,4-Trimethylpentane	0.12	0.24	ug/m³
2-Butanone	0.3	0.3	ug/m³
2-Hexanone	0.83	0.83	ug/m³
3-Chloropropene	1.6	1.6	ug/m³
4-Methyl-2-pentanone	0.42	0.42	ug/m³
Acetone	0.48	1.9	ug/m³
Acrylonitrile	0.22	2.9	ug/m³
Benzene	0.32	0.32	ug/m³
Benzyl chloride	0.53	0.53	ug/m³
Bromodichloromethane	0.68	0.68	ug/m³
Bromoform	1.1	1.1	ug/m³
Bromomethane	0.39	0.39	ug/m³
Carbon disulfide	0.32	0.32	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1716

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR2

Analyte	LOD	LOQ	Units
Carbon tetrachloride	0.16	0.16	ug/m³
Chlorobenzene	0.47	0.47	ug/m³
Chloroethane	0.27	0.27	ug/m³
Chloroform	0.5	0.5	ug/m³
Chloromethane	0.21	0.21	ug/m³
cis-1,2-Dichloroethylene	0.1	0.1	ug/m³
cis-1,3-Dichloropropylene	0.46	0.46	ug/m³
Cyclohexane	0.35	0.35	ug/m³
Dibromochloromethane	0.87	0.87	ug/m³
Dichlorodifluoromethane	0.5	0.5	ug/m³
Ethyl acetate	0.73	0.73	ug/m³
Ethyl Benzene	0.44	0.44	ug/m³
Hexachlorobutadiene	1.1	1.1	ug/m³
Isopropanol	0.5	1.5	ug/m³
Methyl Methacrylate	0.42	0.42	ug/m³
Methyl tert-butyl ether (MTBE)	0.37	0.37	ug/m³
Methylene chloride	0.71	2.1	ug/m³
Naphthalene	1.1	1.1	ug/m³
n-Heptane	0.42	0.42	ug/m³
n-Hexane	0.36	0.36	ug/m³
o-Xylene	0.44	0.44	ug/m³
p- & m- Xylenes	0.88	0.88	ug/m³
p-Ethyltoluene	0.5	0.5	ug/m³
Propylene	0.18	0.18	ug/m³
Styrene	0.43	0.43	ug/m³
Tetrachloroethylene	0.69	0.69	ug/m³
Tetrahydrofuran	0.6	0.6	ug/m³
Toluene	0.38	0.38	ug/m³
trans-1,2-Dichloroethylene	0.4	0.4	ug/m³
trans-1,3-Dichloropropylene	0.46	0.46	ug/m³
Trichloroethylene	0.14	0.14	ug/m³
Trichlorofluoromethane (Freon 11)	0.57	0.57	ug/m³
Vinyl acetate	0.36	0.36	ug/m³
Vinyl bromide	0.44	0.44	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1716

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR2

Analyte	LOD	LOQ	Units
Vinyl Chloride	0.13	0.13	ug/m³

Sample Information

Client Sample ID: **AI-8 20250326** **York Sample ID:** **25C1716-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.57		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.67		ug/m³	0.21	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
78-93-3	**2-Butanone**	2.2		ug/m³	0.26	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
67-64-1	**Acetone**	55		ug/m³	1.7	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-13-1	**Acrylonitrile**	41		ug/m³	2.5	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
71-43-2	**Benzene**	1.2		ug/m³	0.28	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.60	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-25-2	Bromoform	ND		ug/m³	0.92	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
56-23-5	**Carbon tetrachloride**	0.45		ug/m³	0.14	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR

Sample Information

Client Sample ID: **AI-8 20250326** **York Sample ID:** **25C1716-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.3		ug/m³	0.43	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-87-3	**Chloromethane**	1.5		ug/m³	0.18	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.76	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
141-78-6	*** Ethyl acetate**	21		ug/m³	0.64	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-41-4	**Ethyl Benzene**	0.66		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.95	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
67-63-0	**Isopropanol**	170	TO-IPA, E	ug/m³	1.3	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
91-20-3	* Naphthalene	ND		ug/m³	0.93	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
142-82-5	**n-Heptane**	1.3		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
110-54-3	**n-Hexane**	0.60		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-47-6	**o-Xylene**	0.66		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
179601-23-1	**p- & m- Xylenes**	1.7		ug/m³	0.77	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
622-96-8	*** p-Ethyltoluene**	0.44		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-42-5	**Styrene**	0.80		ug/m³	0.38	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.60	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
109-99-9	*** Tetrahydrofuran**	0.58		ug/m³	0.52	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-88-3	**Toluene**	5.0		ug/m³	0.34	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.50	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*95.6 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231948.D
Acq On : 8 Apr 2025 4:40 pm
Operator : YR
Sample : 25C1716-01
Misc : QBTO2040525A .533X
ALS Vial : 8 Sample Multiplier: 0.89

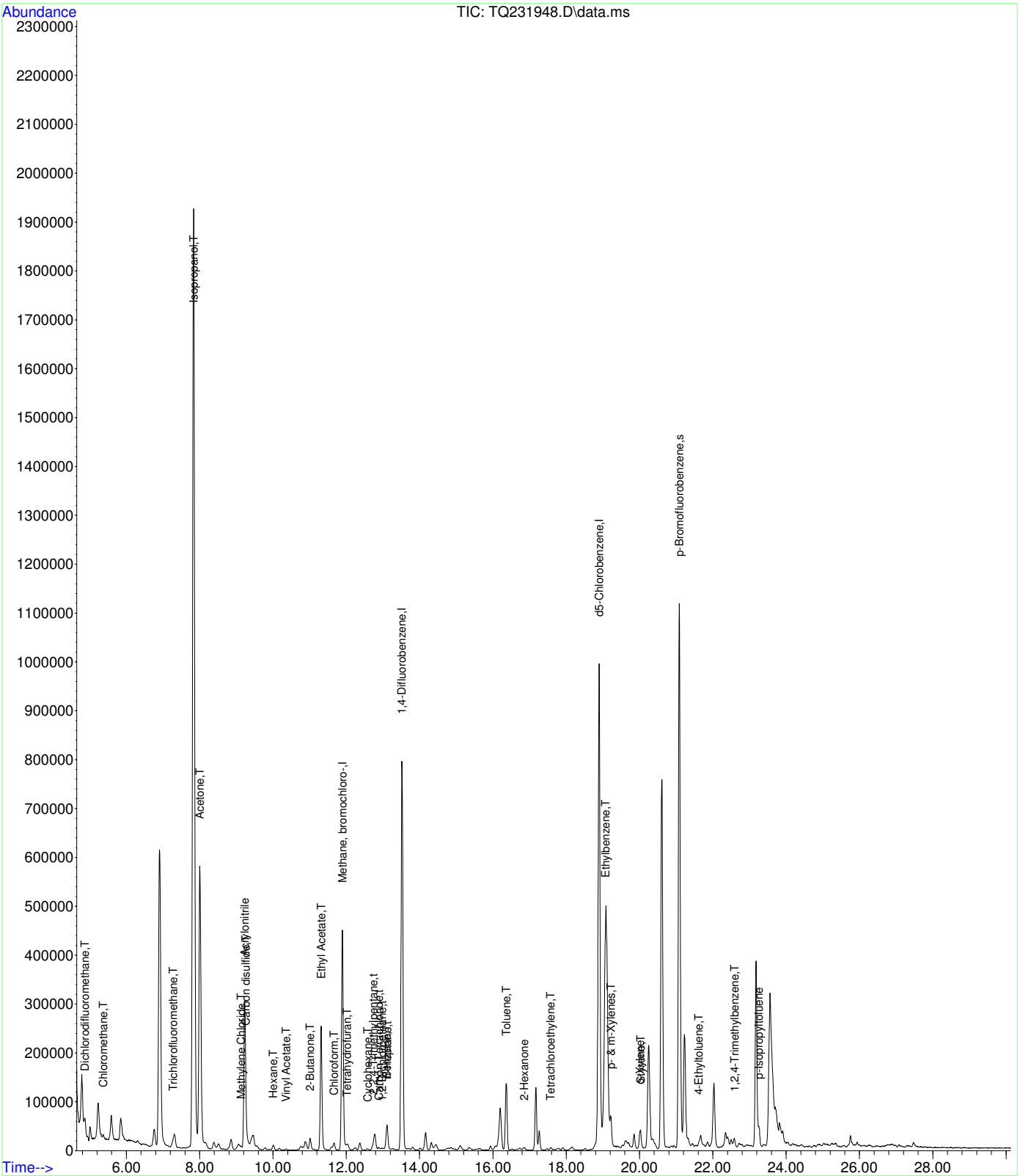
Quant Time: Apr 09 08:46:38 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

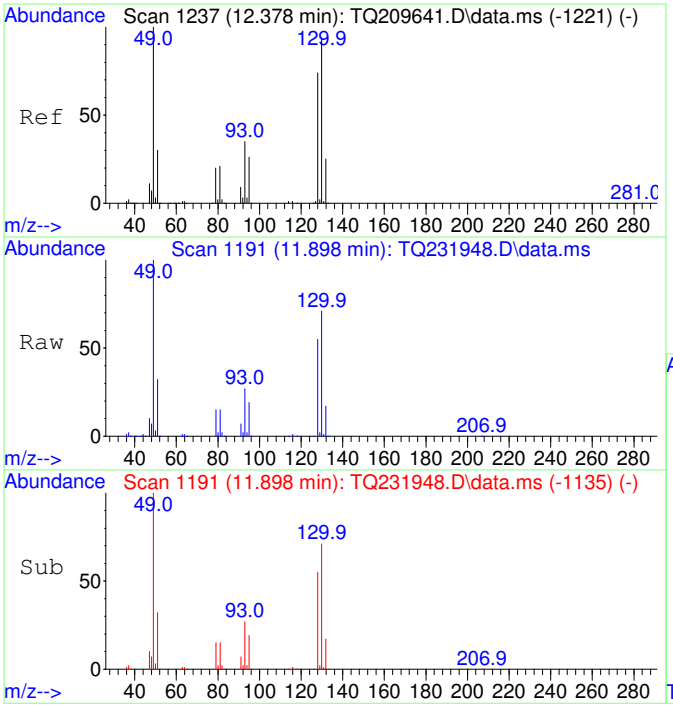
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.898	49	391702	10.00	ppbv		0.01
38) 1,4-Difluorobenzene	13.513	114	1221744	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.896	117	1007664	10.00	ppbv		0.01
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.085	95	756664	9.88	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.868	85	42875	0.57	ppbv		98
5) Chloromethane	5.368	50	19467	0.84	ppbv		81
11) Trichlorofluoromethane	7.276	101	20437	0.26	ppbv		100
12) Isopropanol	7.837	45	4909910	75.97	ppbv		100
14) Acetone	8.002	43	1424070	26.20	ppbv		96
18) Methylene Chloride	9.130	49	7193	0.21	ppbv		96
19) Acrylonitrile	9.227	53	483760	21.24	ppbv	#	59
20) Carbon disulfide	9.258	76	5636	0.06	ppbv	#	49
23) Hexane	10.008	57	8535	0.19	ppbv		87
24) Vinyl Acetate	10.355	43	6874	0.09	ppbv	#	98
26) 2-Butanone	11.014	43	53991	0.85	ppbv		95
27) Ethyl Acetate	11.318	43	500978	6.59	ppbv	#	45
29) Chloroform	11.660	83	19742	0.29	ppbv		100
30) Tetrahydrofuran	12.019	42	8026	0.22	ppbv	#	62
32) Cyclohexane	12.580	56	2631	0.05	ppbv		91
33) 2,2,4-Trimethylpentane	12.739	57	24167	0.16	ppbv	#	1
34) Carbon Tetrachloride	12.891	117	5270	0.08	ppbv	#	58
35) 1,2-Dichloroethane	12.977	62	1980	0.04	ppbv	#	98
36) Benzene	13.105	78	45380	0.42	ppbv		85
37) n-Heptane	13.117	43	20962	0.35	ppbv	#	94
46) Toluene	16.366	91	195899	1.49	ppbv		98
49) 2-Hexanone	16.854	43	8555	0.12	ppbv	#	91
51) Tetrachloroethylene	17.573	166	2968	0.05	ppbv		96
57) Ethylbenzene	19.073	91	27430	0.17	ppbv		100
58) p- & m-Xylenes	19.219	91	53133	0.43	ppbv		98
59) o-Xylene	20.012	91	21851	0.17	ppbv		98
60) Styrene	20.030	104	19455	0.21	ppbv	#	100
66) 4-Ethyltoluene	21.615	105	16136	0.10	ppbv	#	58
69) 1,2,4-Trimethylbenzene	22.591	105	18320	0.13	ppbv	#	92
71) p-Isopropyltoluene	23.255	119	48894	0.31	ppbv	#	88

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231948.D
Acq On : 8 Apr 2025 4:40 pm
Operator : YR
Sample : 25C1716-01
Misc : QBTO2040525A .533X
ALS Vial : 8 Sample Multiplier: 0.89

Quant Time: Apr 09 08:46:38 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

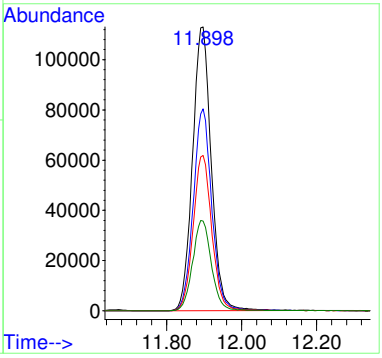


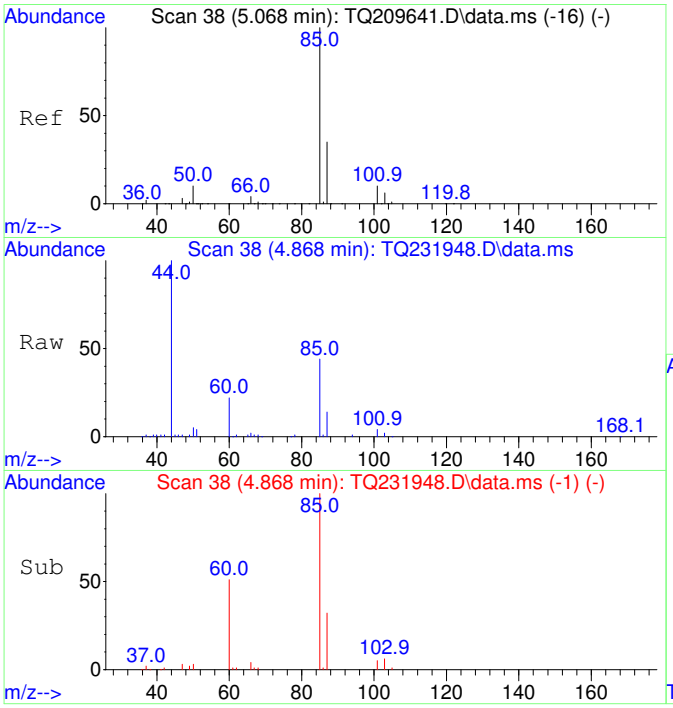


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.898 min Scan# 1191
Delta R.T. 0.013 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 49 Resp: 391702

Ion	Ratio	Lower	Upper
49	100		
130	70.4	48.1	99.9
128	54.9	38.3	79.5
51	32.3	20.3	42.3

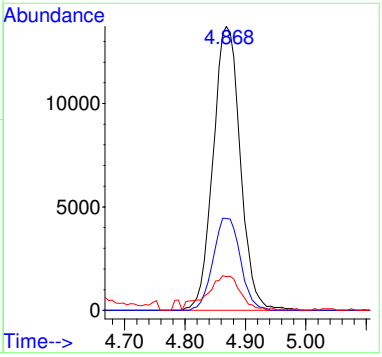


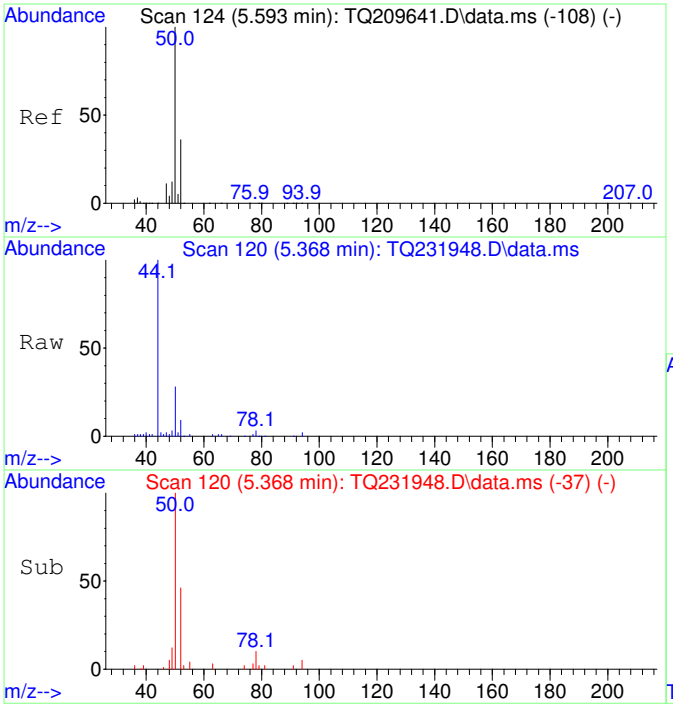


#3
Dichlorodifluoromethane
Concen: 0.57 ppbv
RT: 4.868 min Scan# 38
Delta R.T. -0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 85 Resp: 42875

Ion	Ratio	Lower	Upper
85	100		
87	32.6	20.9	43.5
50	13.9	7.2	15.0

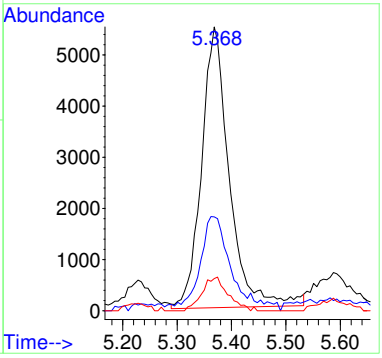


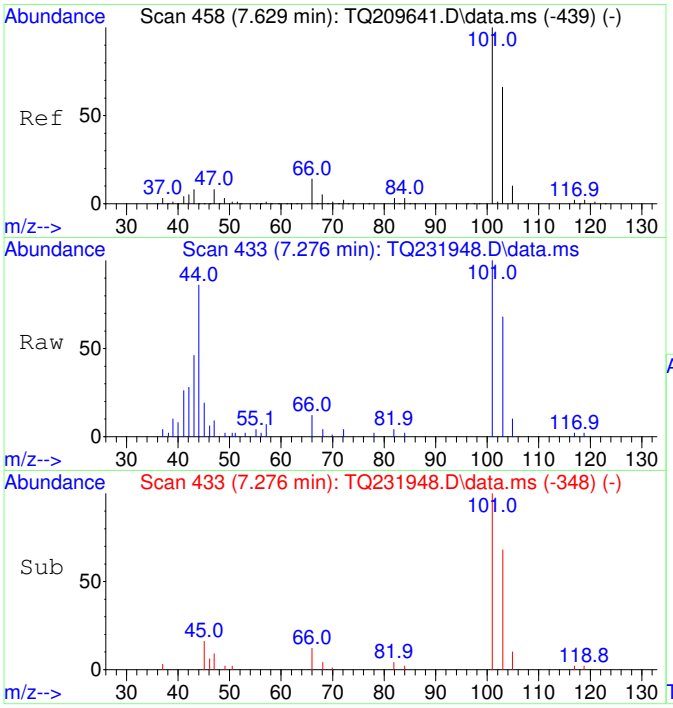


#5
Chloromethane
Concen: 0.84 ppbv
RT: 5.368 min Scan# 120
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 50 Resp: 19467

Ion	Ratio	Lower	Upper
50	100		
52	46.0	0.0	65.2
49	11.3	0.0	19.6

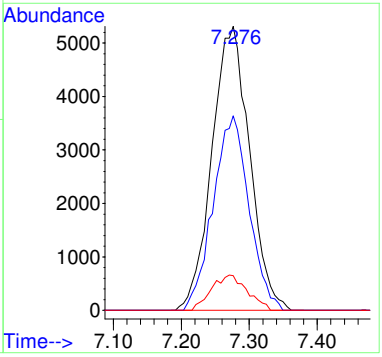


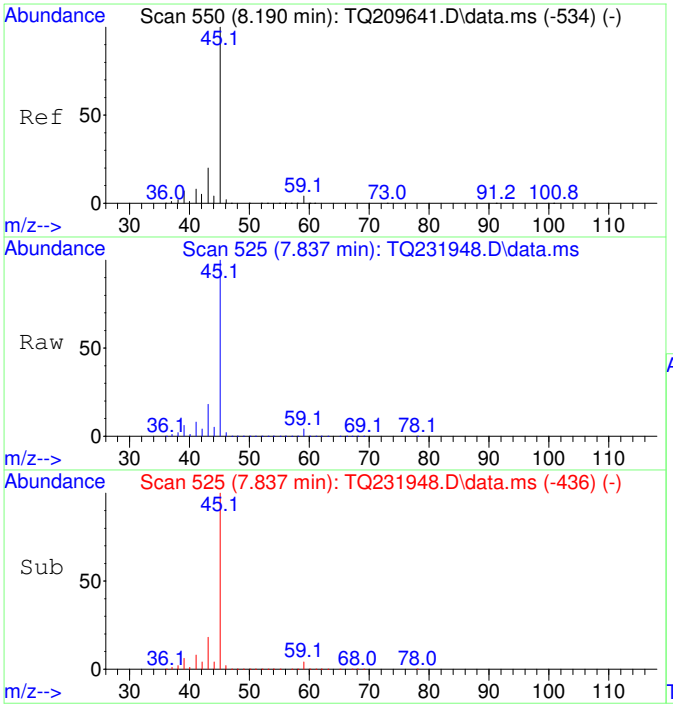


#11
Trichlorofluoromethane
Concen: 0.26 ppbv
RT: 7.276 min Scan# 433
Delta R.T. 0.018 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:101 Resp: 20437

Ion	Ratio	Lower	Upper
101	100		
103	65.2	42.3	87.8
66	11.8	7.8	16.2

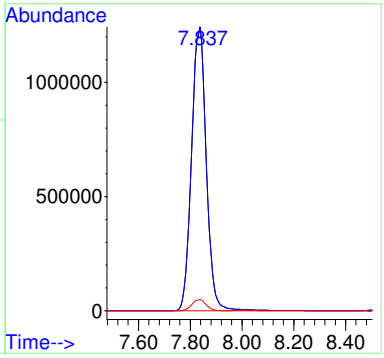


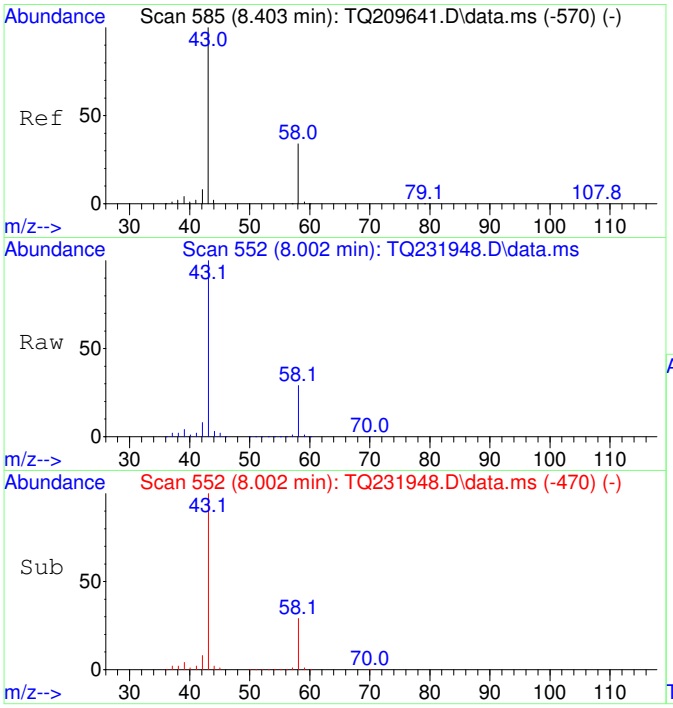


#12
Isopropanol
Concen: 75.97 ppbv
RT: 7.837 min Scan# 525
Delta R.T. 0.042 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 45 Resp: 4909910

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

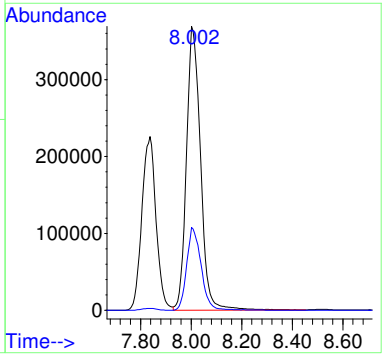


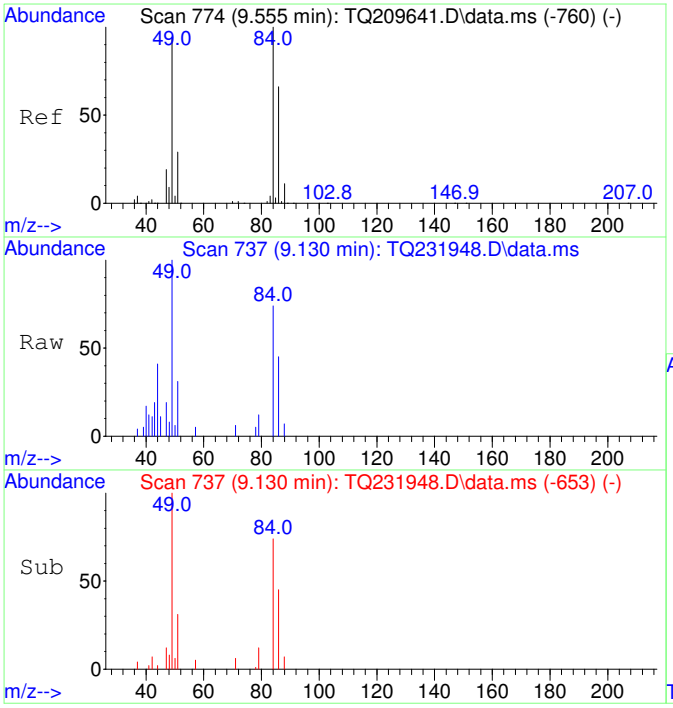


#14
Acetone
Concen: 26.20 ppbv
RT: 8.002 min Scan# 552
Delta R.T. -0.000 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 1424070

Ion	Ratio	Lower	Upper
43	100		
58	30.1	20.9	43.3

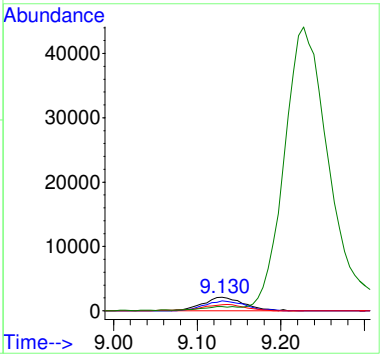


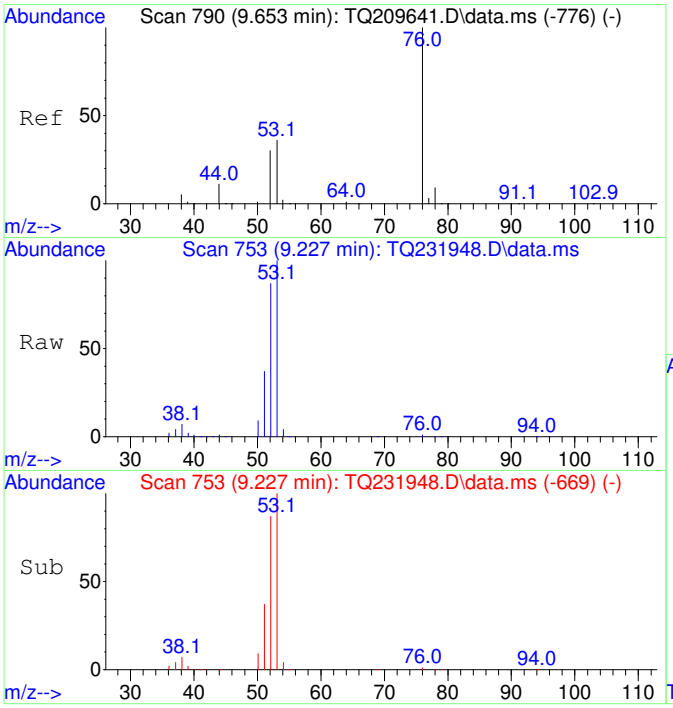


#18
Methylene Chloride
Concen: 0.21 ppbv
RT: 9.130 min Scan# 737
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 49 Resp: 7193

Ion	Ratio	Lower	Upper
49	100		
84	73.5	49.9	103.5
86	49.9	31.8	66.0
51	36.2	20.2	41.9

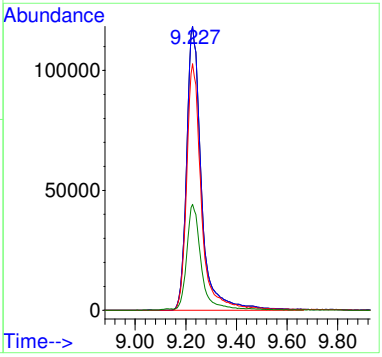


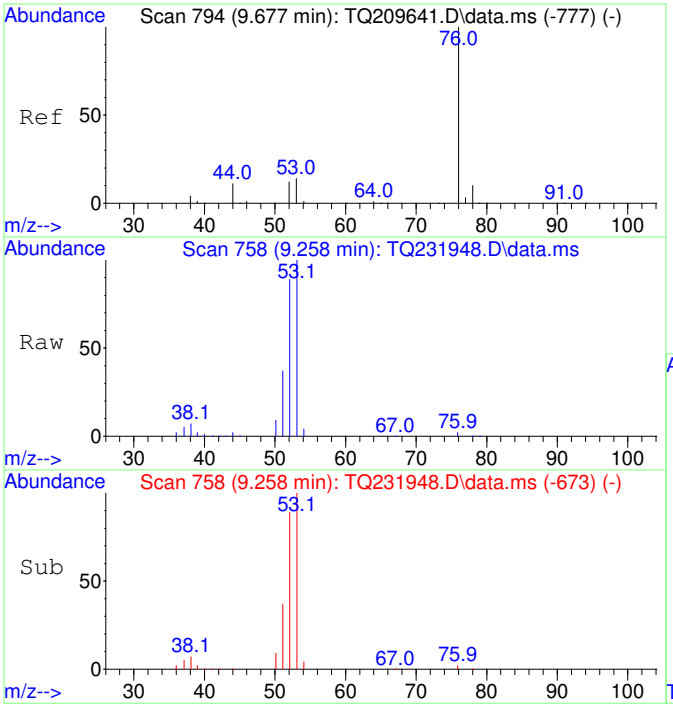


#19
Acrylonitrile
Concen: 21.24 ppbv
RT: 9.227 min Scan# 753
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 53 Resp: 483760

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	48.0	112.0#
51	0.0	15.0	35.0#

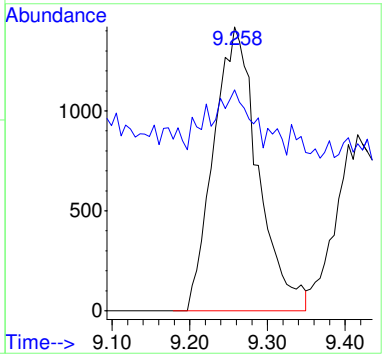


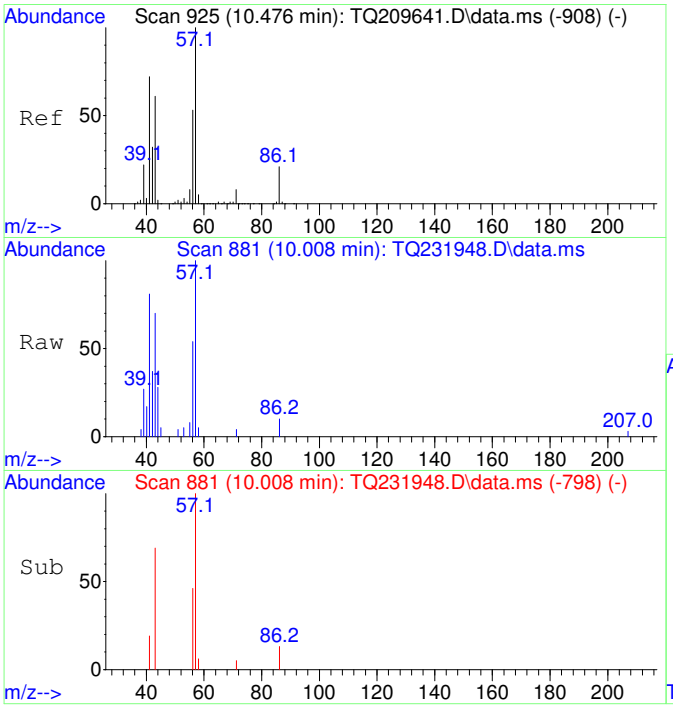


#20
Carbon disulfide
Concen: 0.06 ppbv
RT: 9.258 min Scan# 758
Delta R.T. 0.018 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 76 Resp: 5636

Ion	Ratio	Lower	Upper
76	100		
44	33.0	8.3	17.3#

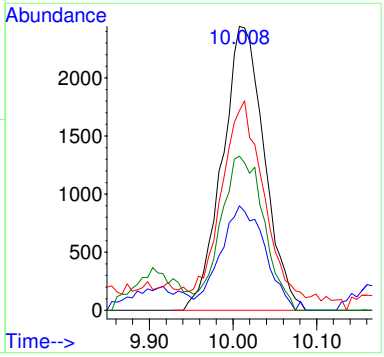


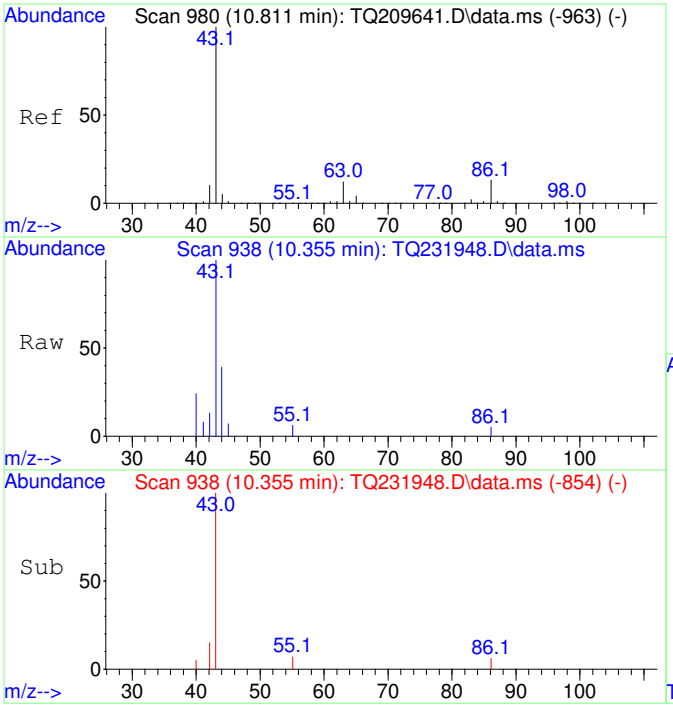


#23
Hexane
Concen: 0.19 ppbv
RT: 10.008 min Scan# 881
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 57 Resp: 8535

Ion	Ratio	Lower	Upper
57	100		
42	39.3	21.6	45.0
43	79.6	42.0	87.2
56	56.2	33.3	69.1

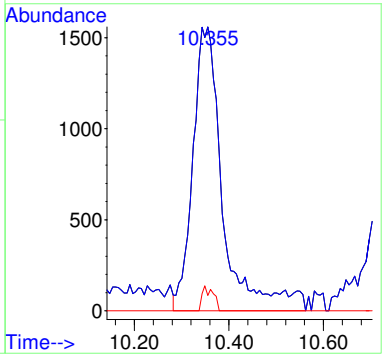


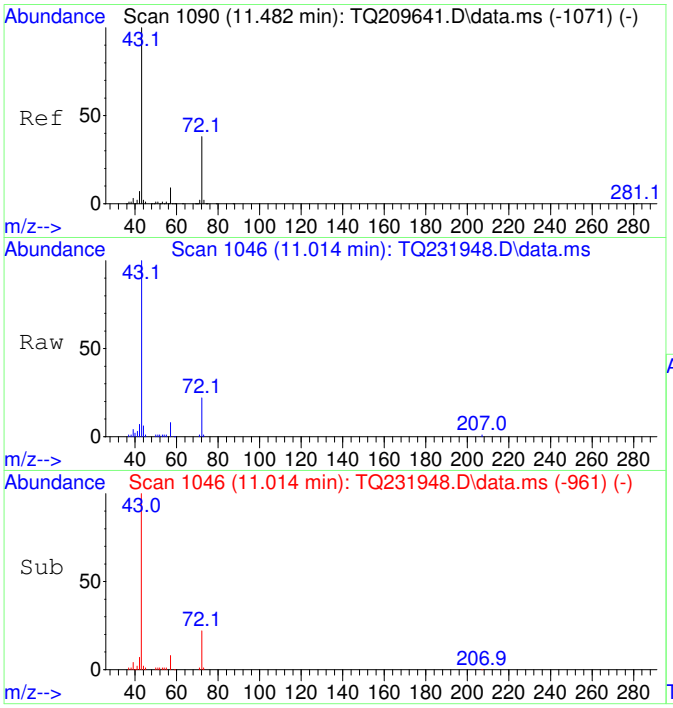


#24
Vinyl Acetate
Concen: 0.09 ppbv
RT: 10.355 min Scan# 938
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 6874

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
86	0.0	7.0	10.6#

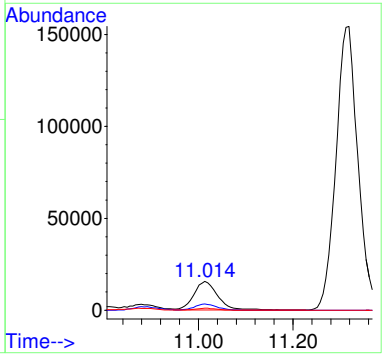


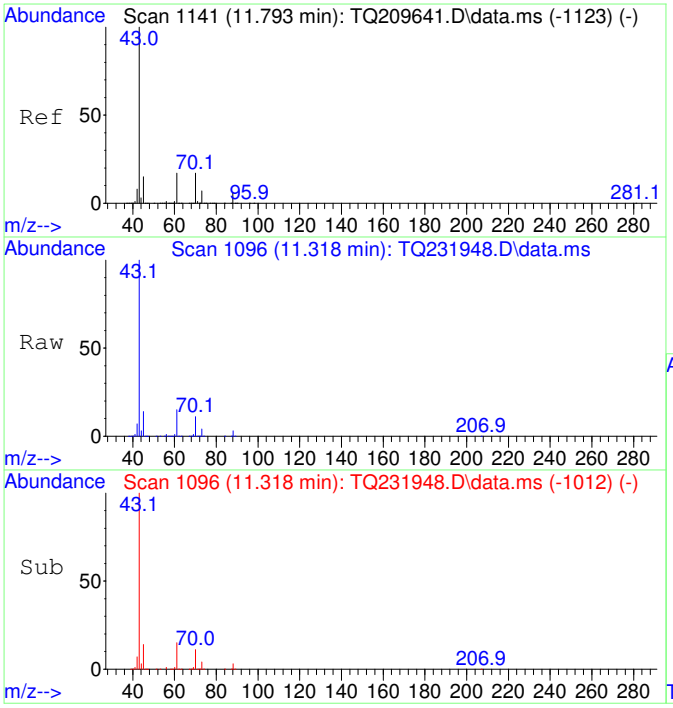


#26
2-Butanone
Concen: 0.85 ppbv
RT: 11.014 min Scan# 1046
Delta R.T. 0.018 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 53991

Ion	Ratio	Lower	Upper
43	100		
72	21.9	16.1	33.5
57	7.2	4.9	10.3

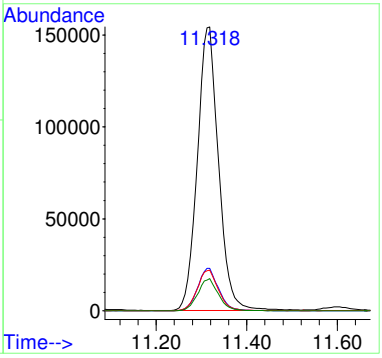


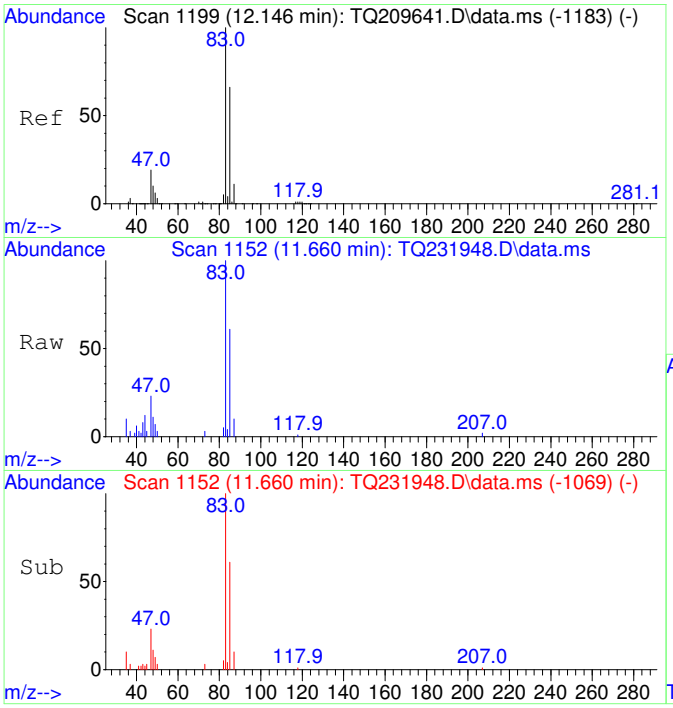


#27
Ethyl Acetate
Concen: 6.59 ppbv
RT: 11.318 min Scan# 1096
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 500978

Ion	Ratio	Lower	Upper
43	100		
61	14.9	51.4	106.8#
45	14.4	9.4	19.6
70	11.1	7.5	15.5

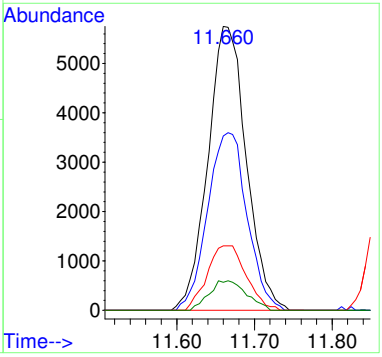


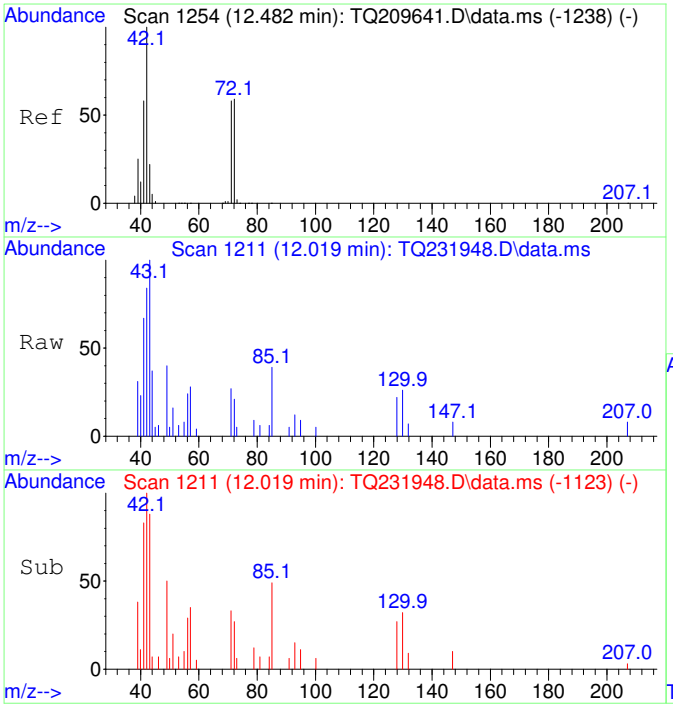


#29
Chloroform
Concen: 0.29 ppbv
RT: 11.660 min Scan# 1152
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 83 Resp: 19742

Ion	Ratio	Lower	Upper
83	100		
85	64.2	41.7	86.7
47	23.0	15.1	31.5
87	10.1	6.7	13.9

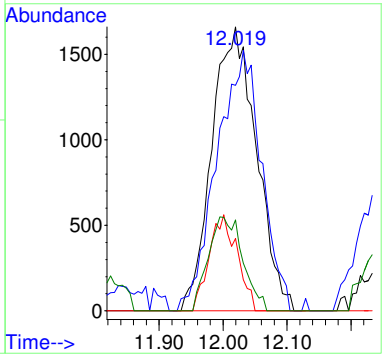


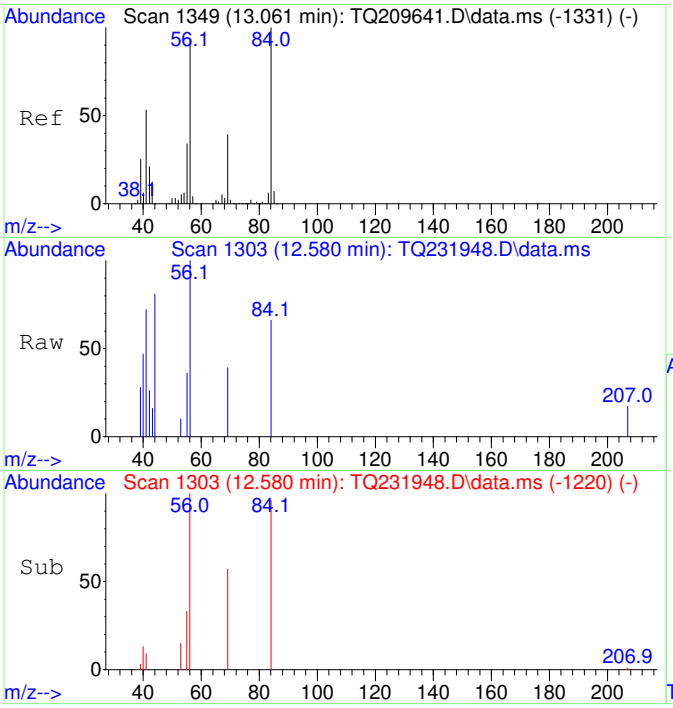


#30
Tetrahydrofuran
Concen: 0.22 ppbv
RT: 12.019 min Scan# 1211
Delta R.T. 0.037 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 42 Resp: 8026

Ion	Ratio	Lower	Upper
42	100		
41	91.8	35.2	73.0#
72	21.2	27.2	56.6#
71	25.6	25.9	53.7#

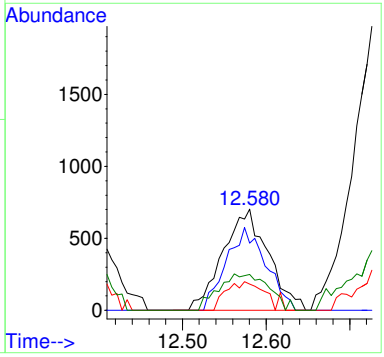


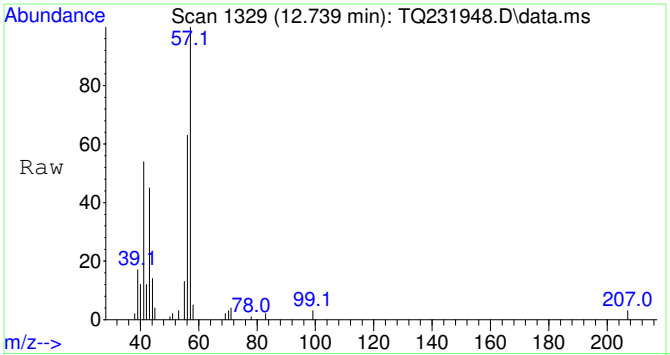


#32
Cyclohexane
Concen: 0.05 ppbv
RT: 12.580 min Scan# 1303
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 56 Resp: 2631

Ion	Ratio	Lower	Upper
56	100		
84	72.0	54.1	112.3
42	24.8	15.3	31.7
55	39.9	23.5	48.7

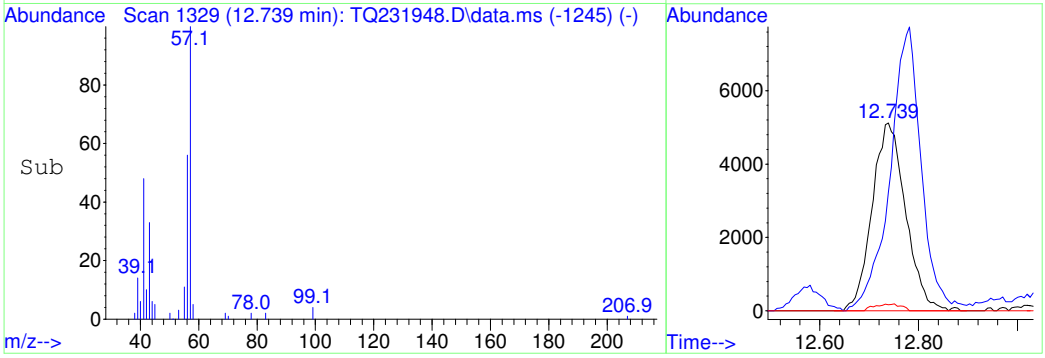


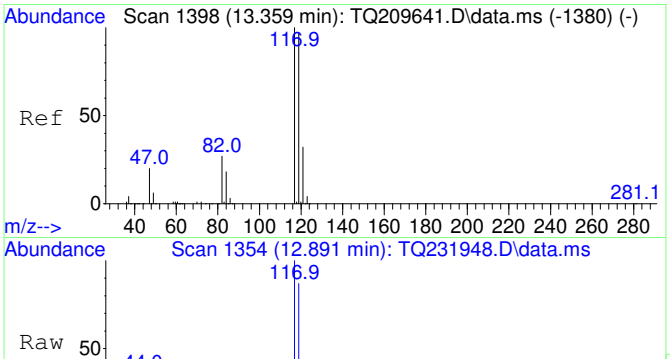


#33
2,2,4-Trimethylpentane
Concen: 0.16 ppbv
RT: 12.739 min Scan# 1329
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 57 Resp: 24167

Ion	Ratio	Lower	Upper
57	100		
56	141.0	24.5	45.5#
99	2.9	3.5	6.5#

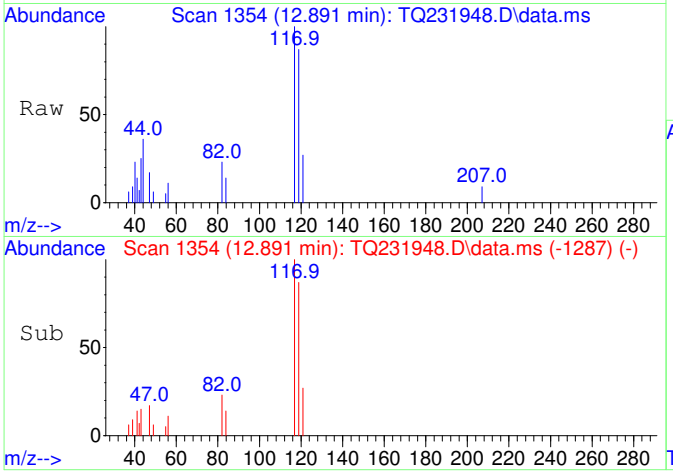


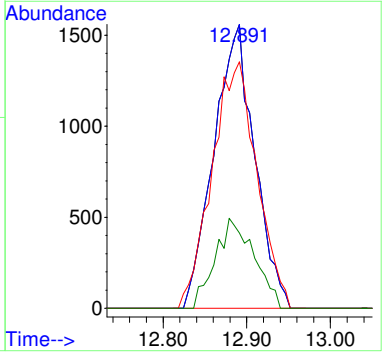


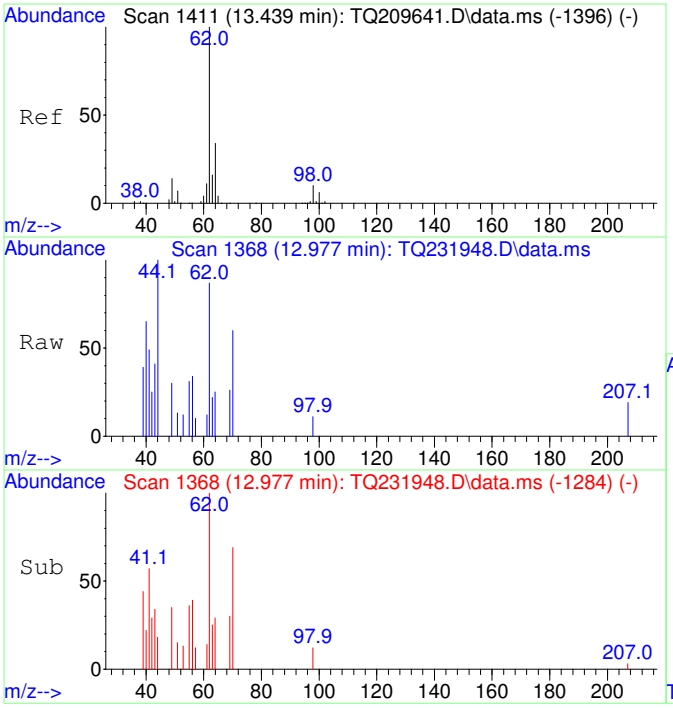
#34
Carbon Tetrachloride
Concen: 0.08 ppbv
RT: 12.891 min Scan# 1354
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:117 Resp: 5270

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.9	115.3#
121	30.1	21.7	40.3



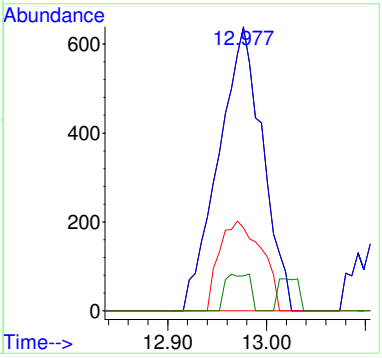


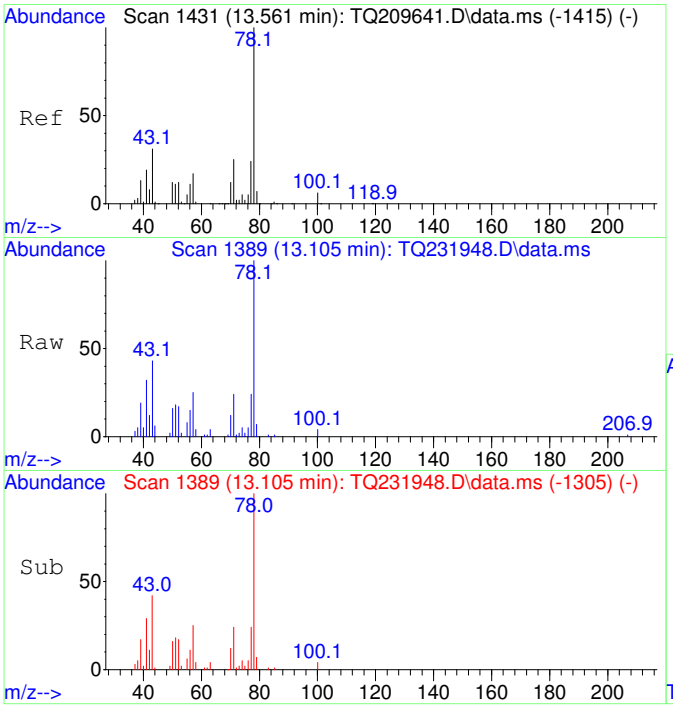


#35
1,2-Dichloroethane
Concen: 0.04 ppbv
RT: 12.977 min Scan# 1368
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 62 Resp: 1980

Ion	Ratio	Lower	Upper
62	100		
62	100.0	80.0	120.0
64	30.3	26.0	39.0
98	0.0	7.1	10.7#

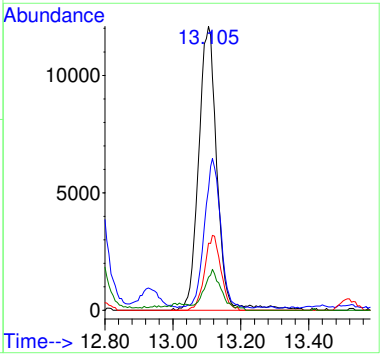


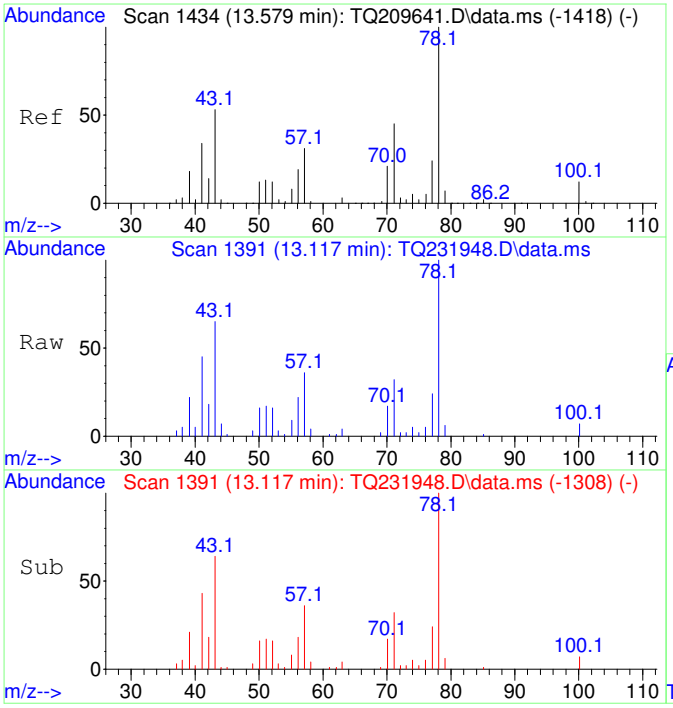


#36
Benzene
Concen: 0.42 ppbv
RT: 13.105 min Scan# 1389
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 78 Resp: 45380

Ion	Ratio	Lower	Upper
78	100		
43	46.1	37.5	77.9
71	23.5	22.0	45.8
42	13.4	8.8	18.4

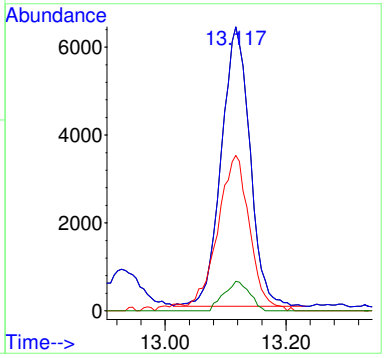


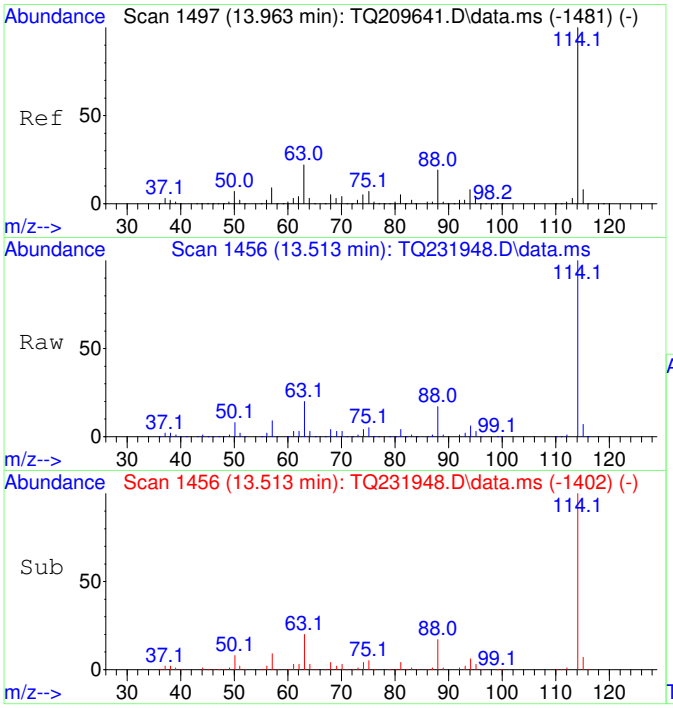


#37
n-Heptane
Concen: 0.35 ppbv
RT: 13.117 min Scan# 1391
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 20962

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	62.2	42.6	64.0
100	9.4	13.3	19.9#

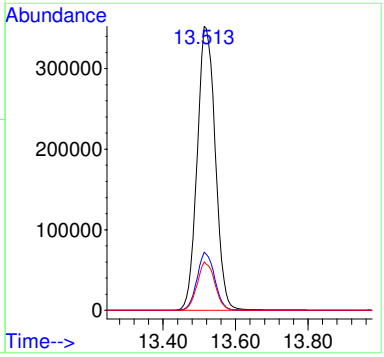


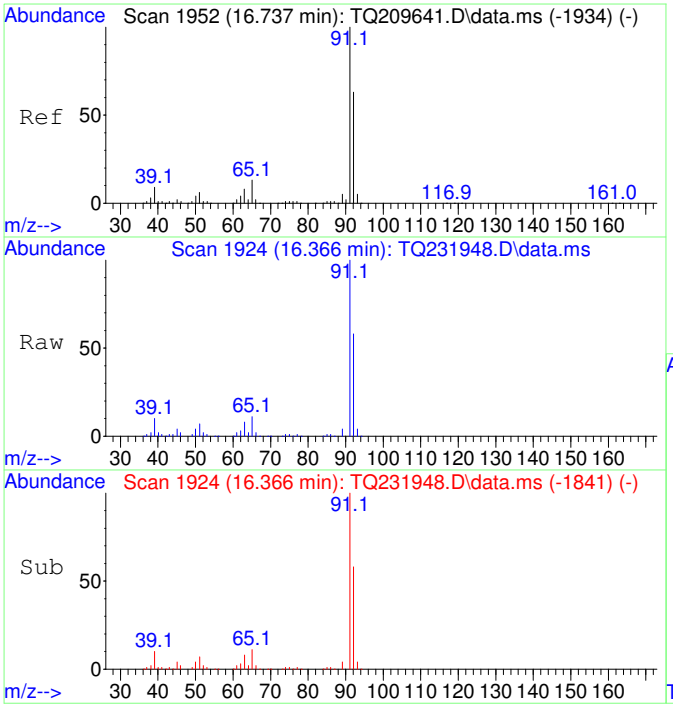


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.513 min Scan# 1456
Delta R.T. 0.000 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:114 Resp: 1221744

Ion	Ratio	Lower	Upper
114	100		
63	19.9	12.9	26.9
88	16.6	10.7	22.3

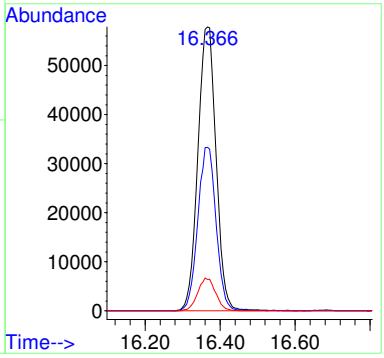


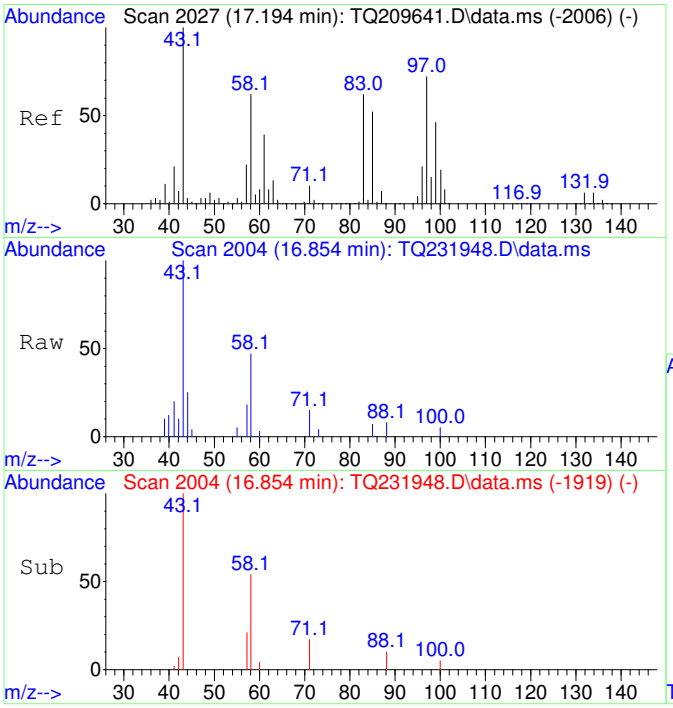


#46
Toluene
Concen: 1.49 ppbv
RT: 16.366 min Scan# 1924
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 91 Resp: 195899

Ion	Ratio	Lower	Upper
91	100		
92	57.8	38.7	80.3
65	11.3	7.5	15.5

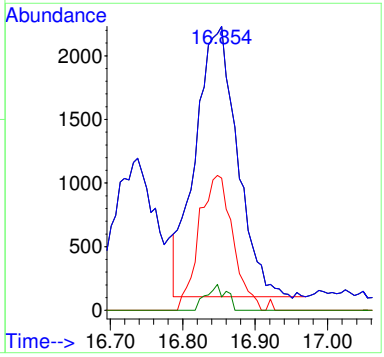


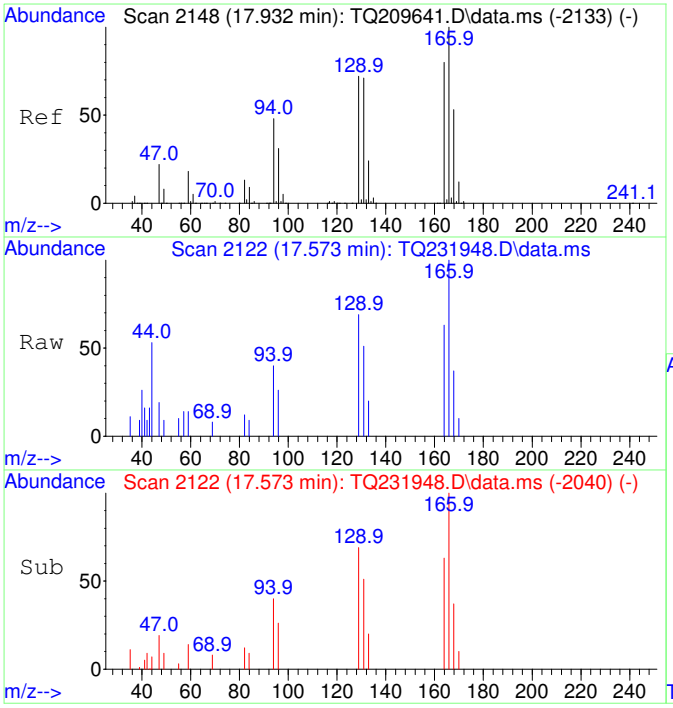


#49
2-Hexanone
Concen: 0.12 ppbv
RT: 16.854 min Scan# 2004
Delta R.T. 0.018 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 43 Resp: 8555

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	40.5	44.2	66.4#
100	0.0	0.0	24.4

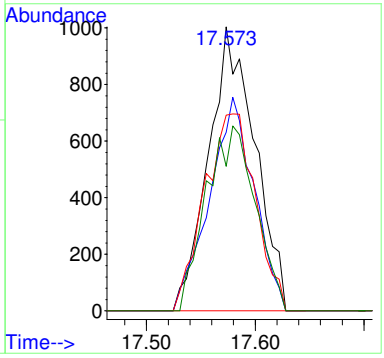


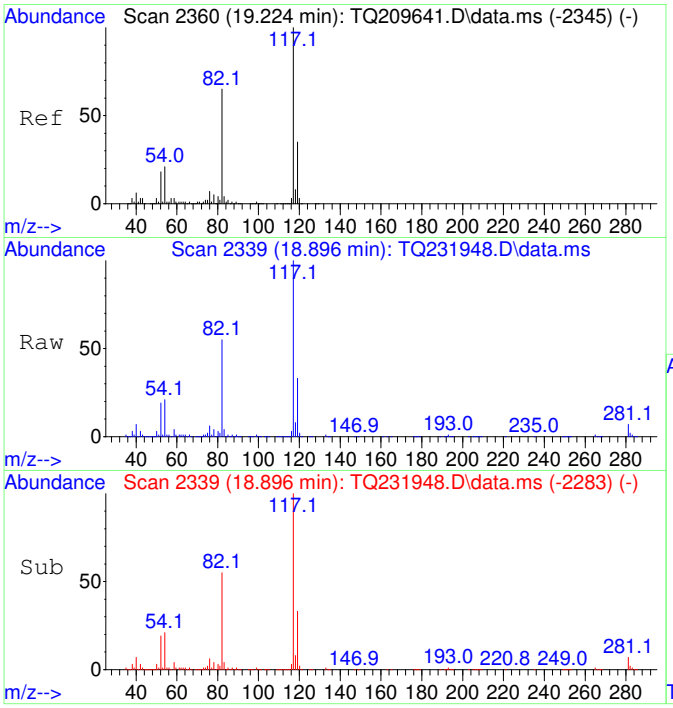


#51
Tetrachloroethylene
Concen: 0.05 ppbv
RT: 17.573 min Scan# 2122
Delta R.T. -0.000 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:166 Resp: 2968

Ion	Ratio	Lower	Upper
166	100		
164	72.6	51.0	106.0
129	76.0	48.1	99.9
131	69.2	46.3	96.3

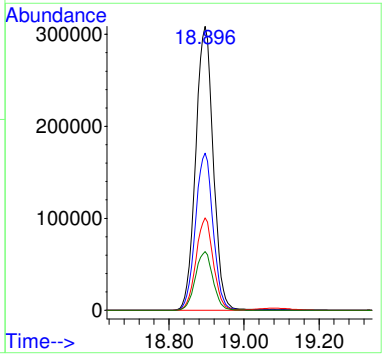


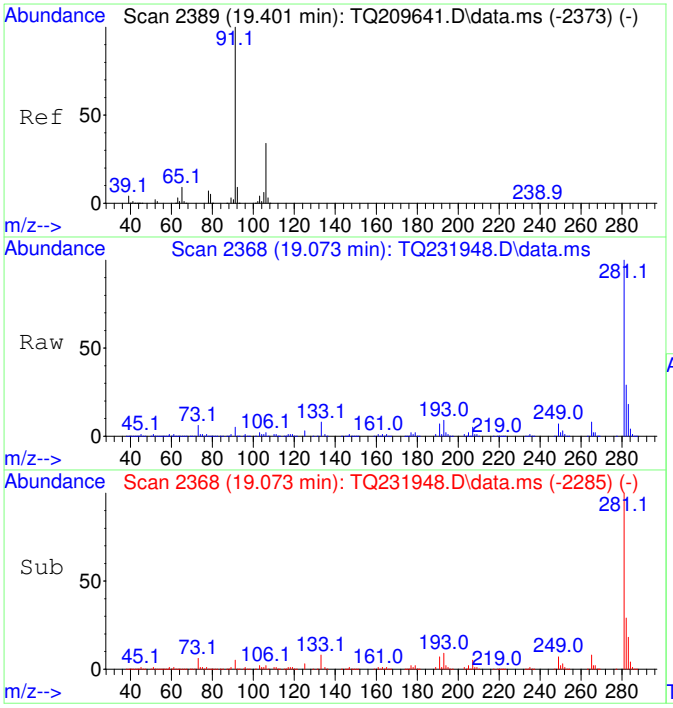


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.896 min Scan# 2339
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:117 Resp: 1007664

Ion	Ratio	Lower	Upper
117	100		
82	55.7	37.1	77.1
119	31.9	22.1	45.9
54	20.8	13.8	28.6

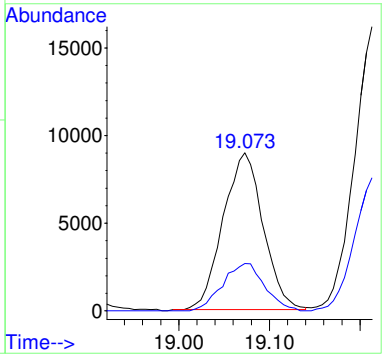


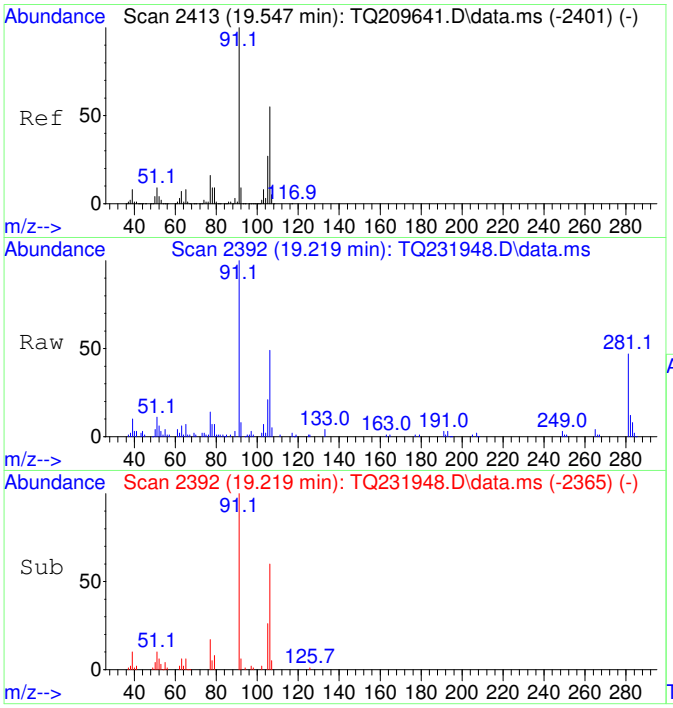


#57
Ethylbenzene
Concen: 0.17 ppbv
RT: 19.073 min Scan# 2368
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 91 Resp: 27430

Ion	Ratio	Lower	Upper
91	100		
106	31.6	20.5	42.7

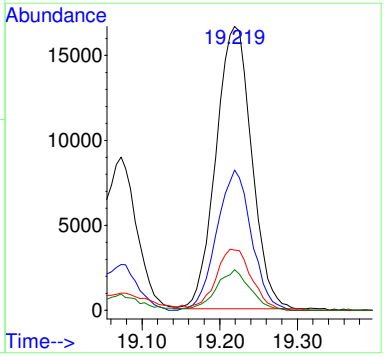


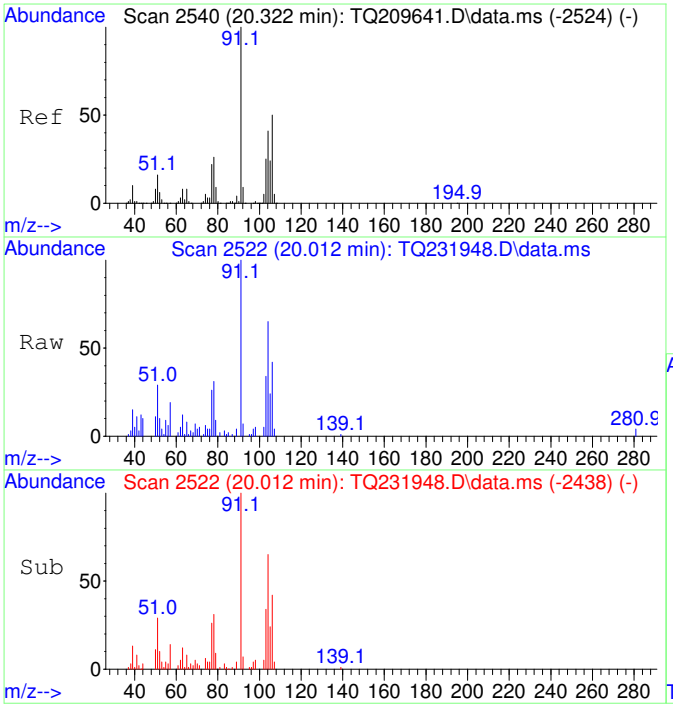


#58
p- & m-Xylenes
Concen: 0.43 ppbv
RT: 19.219 min Scan# 2392
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 91 Resp: 53133

Ion	Ratio	Lower	Upper
91	100		
106	48.3	32.6	67.8
105	21.5	14.5	30.1
77	13.8	8.5	17.7

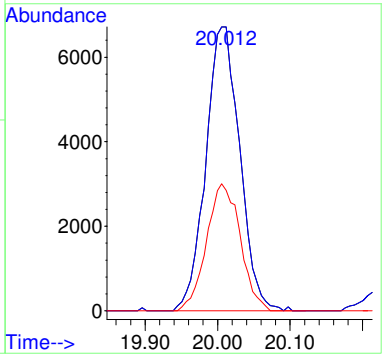


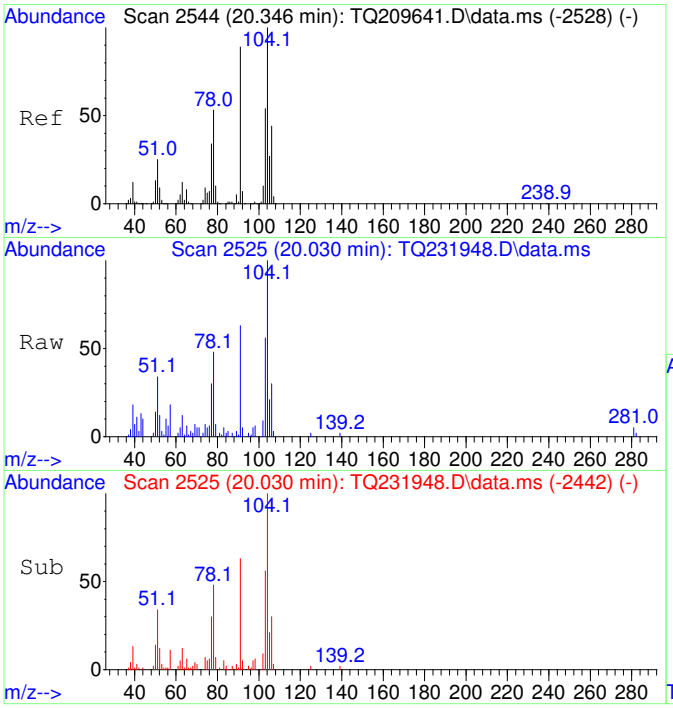


#59
o-Xylene
Concen: 0.17 ppbv
RT: 20.012 min Scan# 2522
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 91 Resp: 21851

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	44.4	38.2	57.2

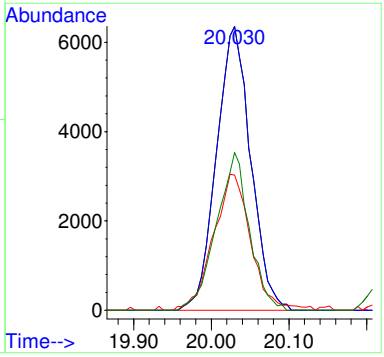


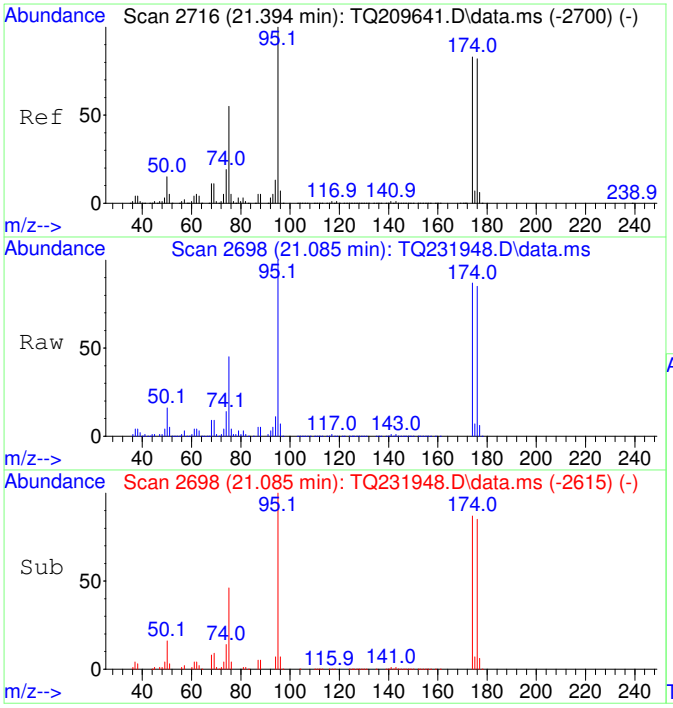


#60
Styrene
Concen: 0.21 ppbv
RT: 20.030 min Scan# 2525
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:104 Resp: 19455

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	52.7	0.0	0.0#
103	53.5	0.0	0.0#

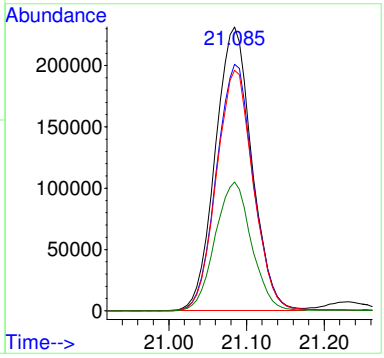


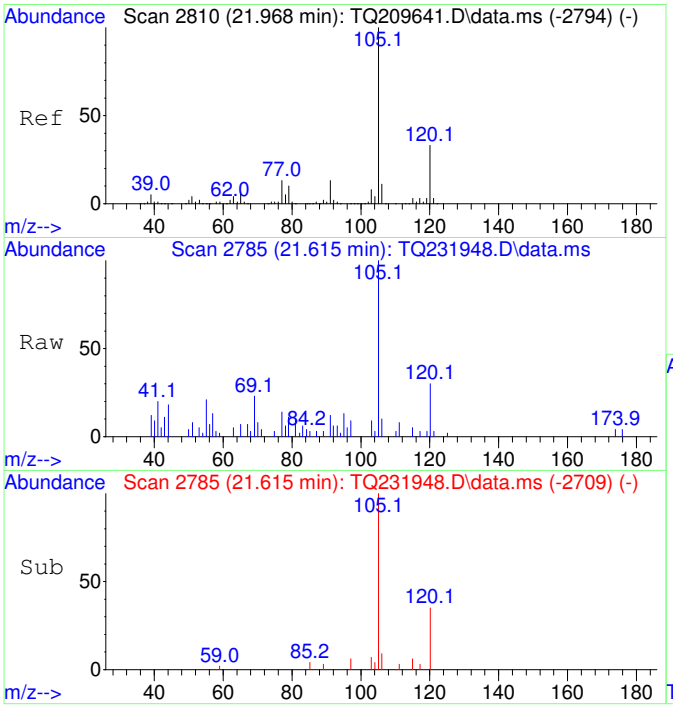


#65
p-Bromofluorobenzene
Concen: 9.88 ppbv
RT: 21.085 min Scan# 2698
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion: 95 Resp: 756664

Ion	Ratio	Lower	Upper
95	100		
174	88.1	53.2	110.6
176	85.7	51.6	107.2
75	45.5	30.7	63.7

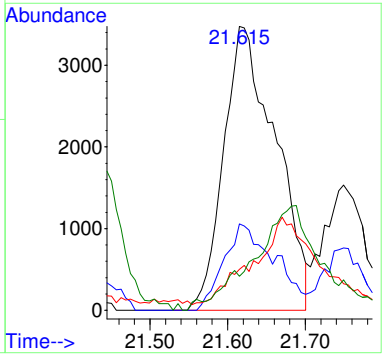


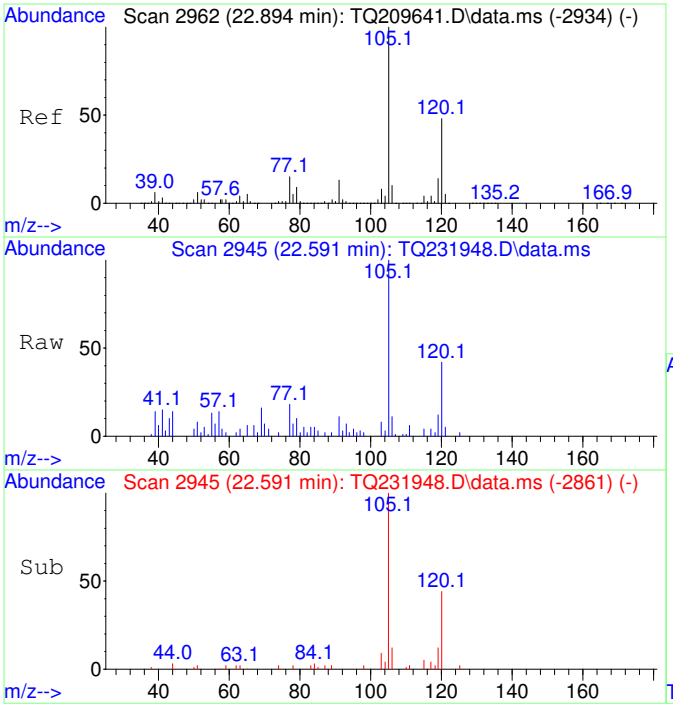


#66
4-Ethyltoluene
Concen: 0.10 ppbv
RT: 21.615 min Scan# 2785
Delta R.T. -0.037 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:105 Resp: 16136

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.6	40.8
77	44.7	7.3	15.3#
91	52.9	7.1	14.7#

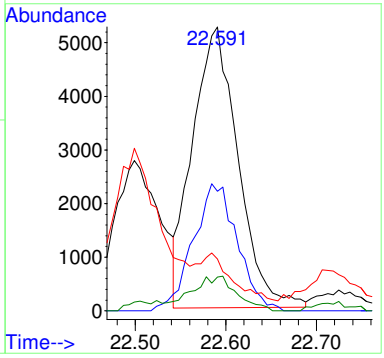


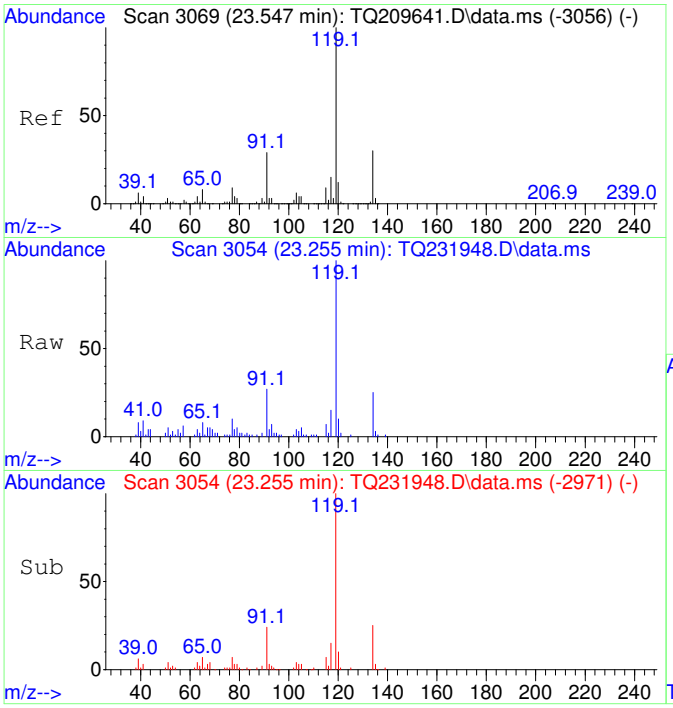


#69
1,2,4-Trimethylbenzene
Concen: 0.13 ppbv
RT: 22.591 min Scan# 2945
Delta R.T. 0.012 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:105 Resp: 18320

Ion	Ratio	Lower	Upper
105	100		
120	43.8	30.2	62.6
77	0.0	8.1	16.9#
119	12.4	7.8	16.2

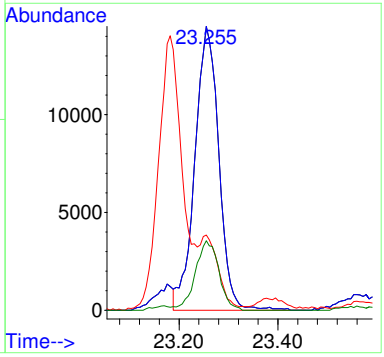




#71
p-Isopropyltoluene
Concen: 0.31 ppbv
RT: 23.255 min Scan# 3054
Delta R.T. 0.006 min
Lab File: TQ231948.D
Acq: 8 Apr 2025 4:40 pm

Tgt Ion:119 Resp: 48894

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	7.5	52.5#
134	24.0	7.5	52.5



Sample Information

Client Sample ID: **AI-9 20250326** **York Sample ID:** **25C1716-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.66	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.64	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.66	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.60	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.57	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.56		ug/m³	0.20	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
78-93-3	**2-Butanone**	1.9		ug/m³	0.25	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
67-64-1	**Acetone**	14		ug/m³	1.6	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.4	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
71-43-2	**Benzene**	0.63		ug/m³	0.28	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-25-2	Bromoform	ND		ug/m³	0.89	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-83-9	Bromomethane	ND		ug/m³	0.33	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
56-23-5	**Carbon tetrachloride**	0.38		ug/m³	0.14	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR

Sample Information

Client Sample ID: **AI-9 20250326** **York Sample ID:** **25C1716-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.18	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.73	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.43	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
141-78-6	*** Ethyl acetate**	9.5		ug/m³	0.62	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-41-4	**Ethyl Benzene**	0.41		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.92	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
67-63-0	**Isopropanol**	5.1		ug/m³	1.3	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
91-20-3	* Naphthalene	ND		ug/m³	0.90	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
142-82-5	**n-Heptane**	2.4		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
110-54-3	**n-Hexane**	0.49		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-47-6	**o-Xylene**	0.37		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.75	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-42-5	Styrene	ND		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.58	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
109-99-9	*** Tetrahydrofuran**	1.2		ug/m³	0.51	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-88-3	**Toluene**	4.2		ug/m³	0.32	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.48	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-97-5	*Internal Standard: Bromochloromethan*	*104 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*94.2 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231949.D
Acq On : 8 Apr 2025 5:45 pm
Operator : YR
Sample : 25C1716-02
Misc : QBTO2040525A .533X
ALS Vial : 9 Sample Multiplier: 0.862

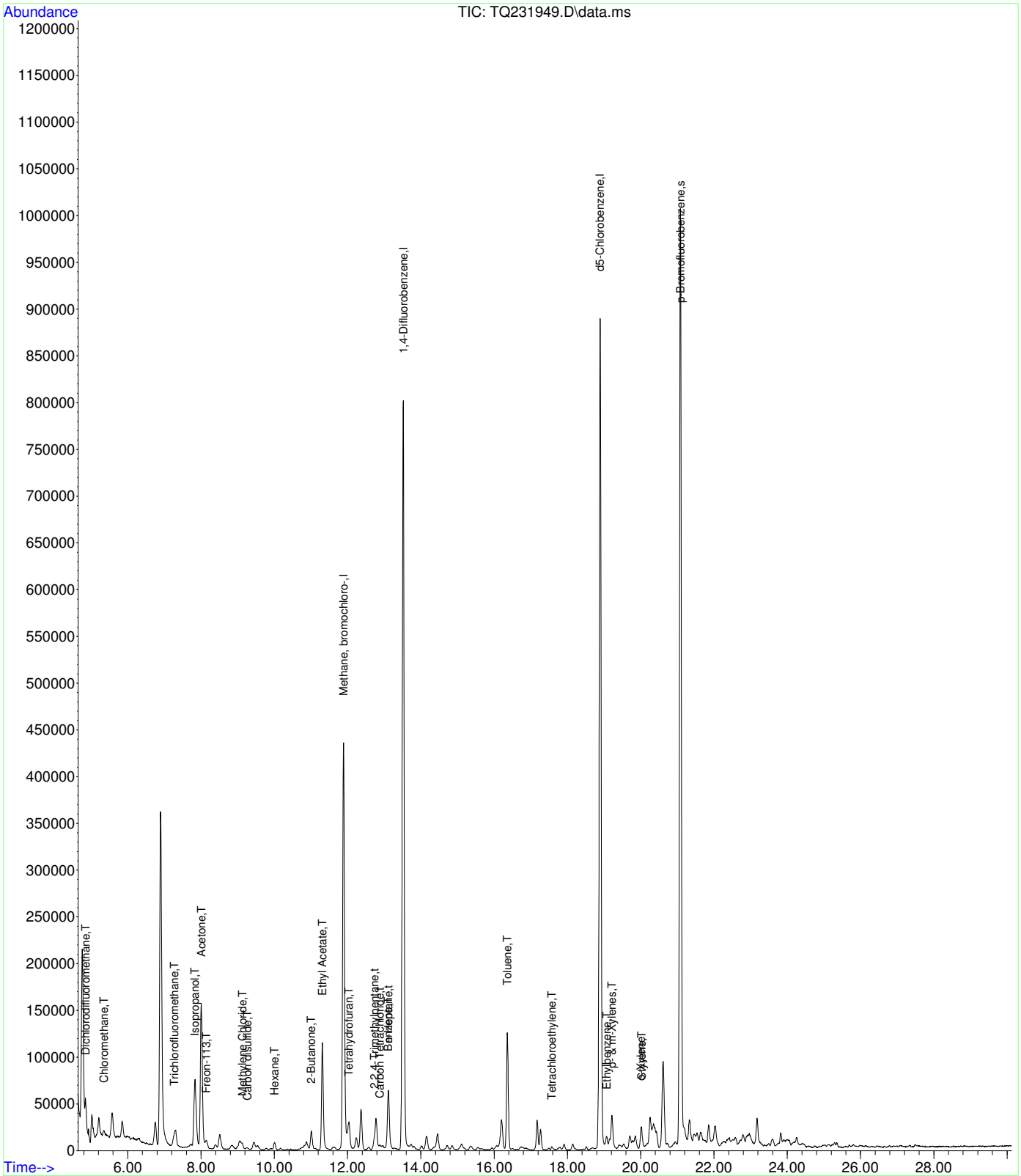
Quant Time: Apr 09 08:46:41 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

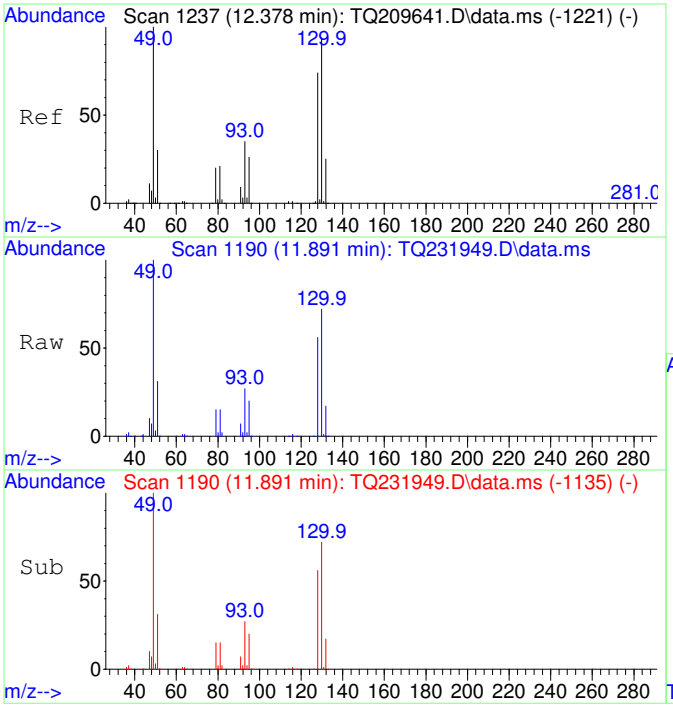
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.891	49	395616	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.519	114	1221060	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	992629	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.085	95	733812	9.73	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.30%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.850	85	42114	0.56	ppbv		98
5) Chloromethane	5.350	50	16842	0.72	ppbv		76
11) Trichlorofluoromethane	7.270	101	19307	0.25	ppbv		100
12) Isopropanol	7.825	45	157414	2.41	ppbv		100
14) Acetone	8.008	43	386592	7.04	ppbv		97
15) Freon-113	8.142	101	5061	0.08	ppbv		99
18) Methylene Chloride	9.124	49	6752m	0.19	ppbv		
20) Carbon disulfide	9.264	76	1830	0.02	ppbv	#	1
23) Hexane	10.008	57	7135	0.16	ppbv		91
26) 2-Butanone	11.007	43	47349	0.74	ppbv		96
27) Ethyl Acetate	11.312	43	235684	3.07	ppbv	#	45
30) Tetrahydrofuran	12.026	42	16997	0.47	ppbv	#	55
33) 2,2,4-Trimethylpentane	12.733	57	21436	0.14	ppbv	#	1
34) Carbon Tetrachloride	12.879	117	4797	0.07	ppbv		99
36) Benzene	13.099	78	25749	0.23	ppbv	#	1
37) n-Heptane	13.111	43	40768	0.67	ppbv	#	98
46) Toluene	16.360	91	169023	1.29	ppbv		98
51) Tetrachloroethylene	17.573	166	1822	0.03	ppbv		97
57) Ethylbenzene	19.073	91	17569	0.11	ppbv		97
58) p- & m-Xylenes	19.213	91	33995	0.28	ppbv		95
59) o-Xylene	20.006	91	12206	0.10	ppbv		99
60) Styrene	20.024	104	3971	0.04	ppbv	#	100

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231949.D
Acq On : 8 Apr 2025 5:45 pm
Operator : YR
Sample : 25C1716-02
Misc : QBTO2040525A .533X
ALS Vial : 9 Sample Multiplier: 0.862

Quant Time: Apr 09 08:46:41 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

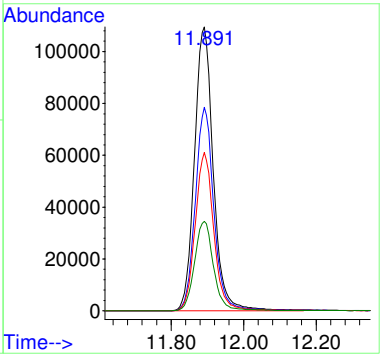


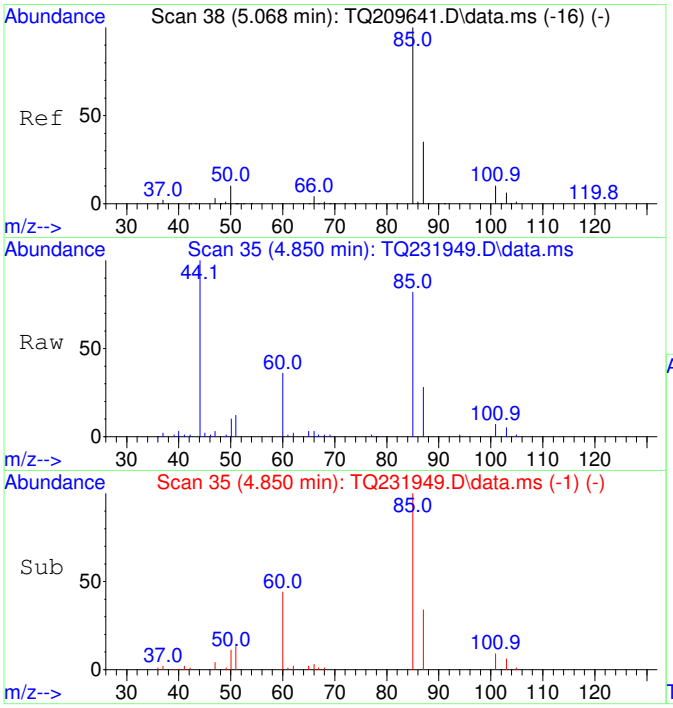


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.891 min Scan# 1190
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 49 Resp: 395616

Ion	Ratio	Lower	Upper
49	100		
130	70.9	48.1	99.9
128	55.4	38.3	79.5
51	32.2	20.3	42.3

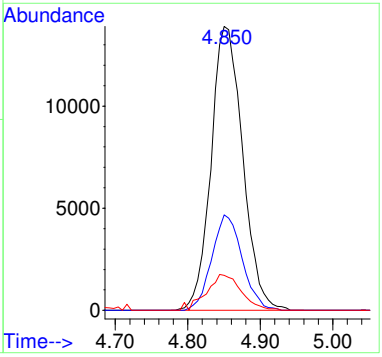


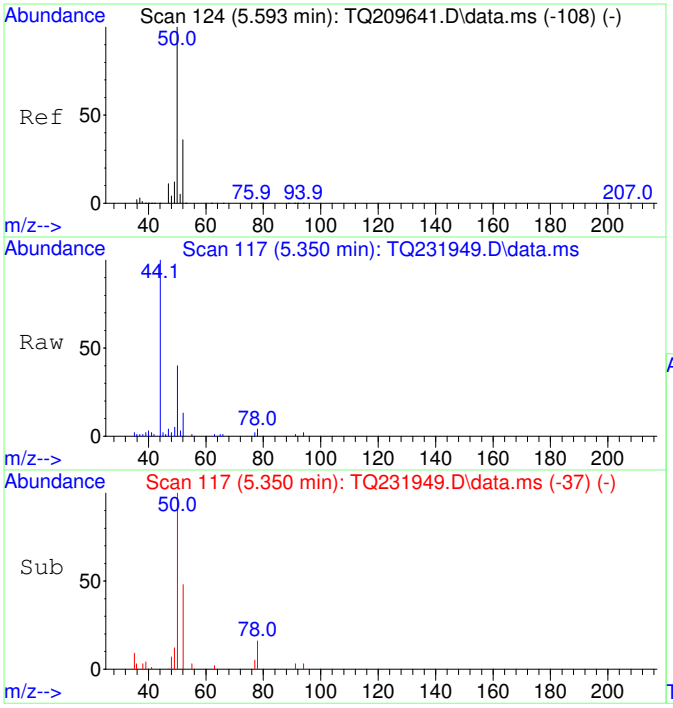


#3
Dichlorodifluoromethane
Concen: 0.56 ppbv
RT: 4.850 min Scan# 35
Delta R.T. -0.024 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 85 Resp: 42114

Ion	Ratio	Lower	Upper
85	100		
87	32.4	20.9	43.5
50	14.0	7.2	15.0

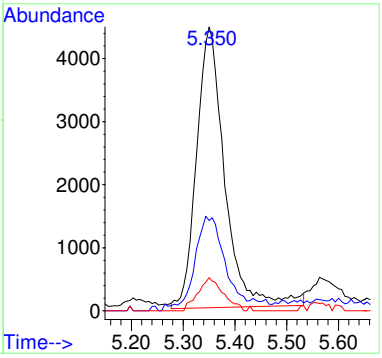


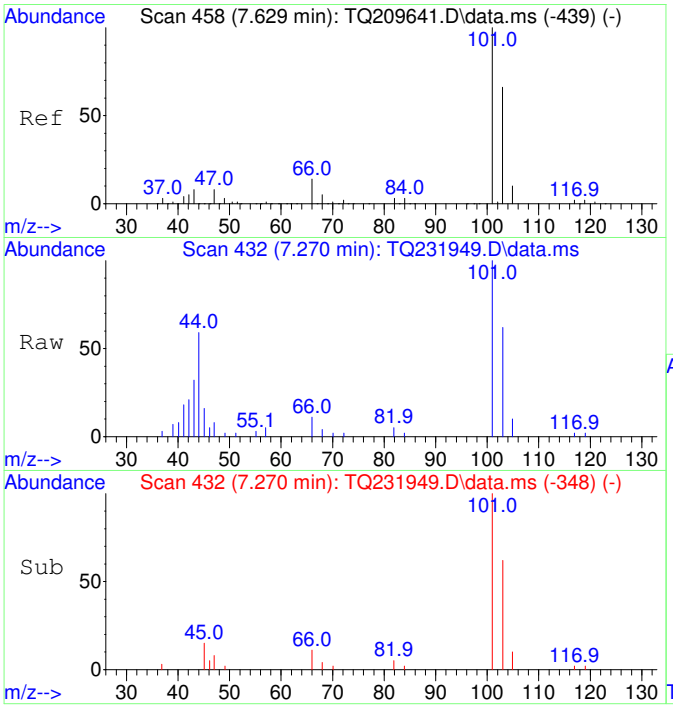


#5
Chloromethane
Concen: 0.72 ppbv
RT: 5.350 min Scan# 117
Delta R.T. -0.012 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 50 Resp: 16842

Ion	Ratio	Lower	Upper
50	100		
52	49.5	0.0	65.2
49	10.8	0.0	19.6

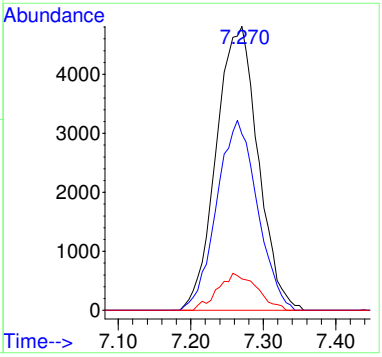


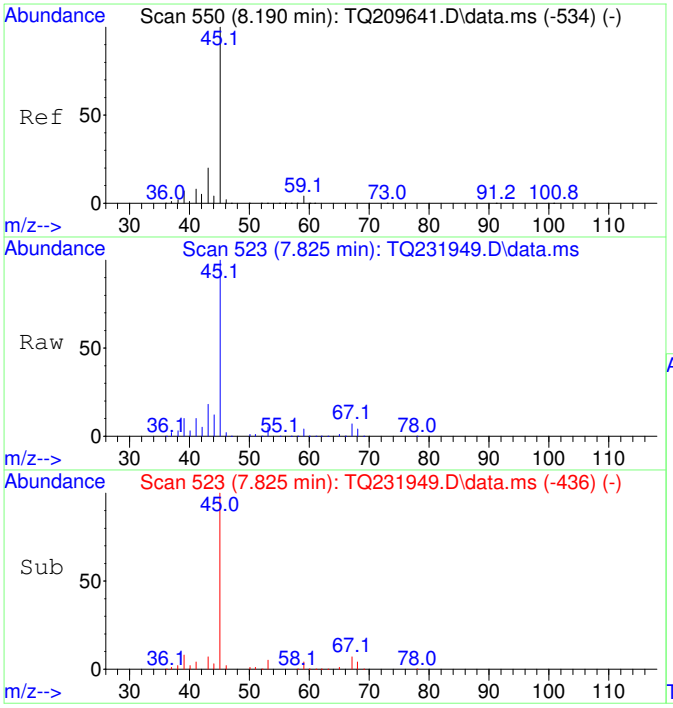


#11
Trichlorofluoromethane
Concen: 0.25 ppbv
RT: 7.270 min Scan# 432
Delta R.T. 0.012 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:101 Resp: 19307

Ion	Ratio	Lower	Upper
101	100		
103	65.2	42.3	87.8
66	12.2	7.8	16.2

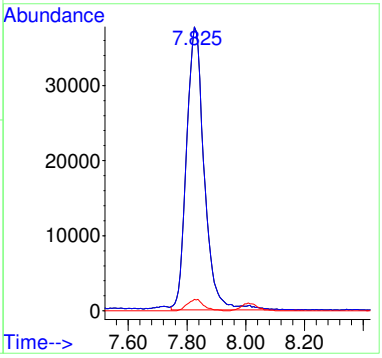


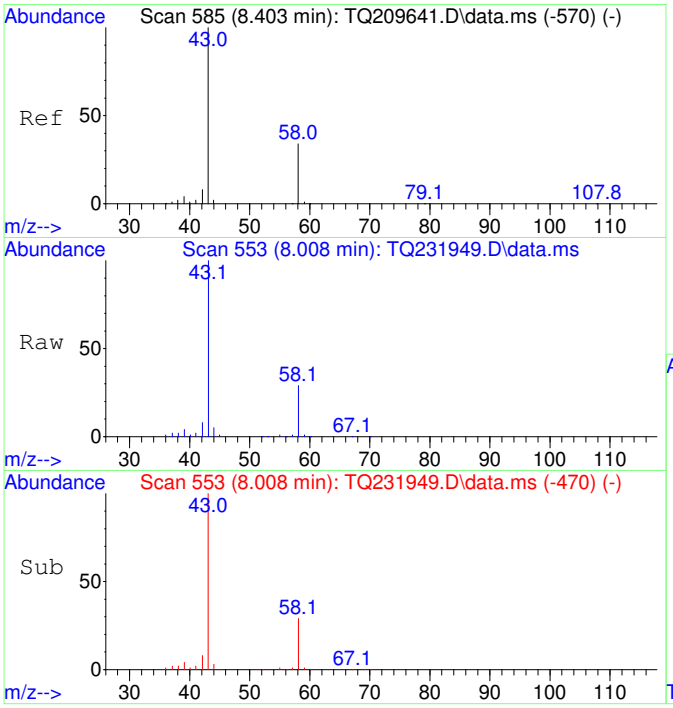


#12
Isopropanol
Concen: 2.41 ppbv
RT: 7.825 min Scan# 523
Delta R.T. 0.030 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 45 Resp: 157414

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.8	0.0	10.0

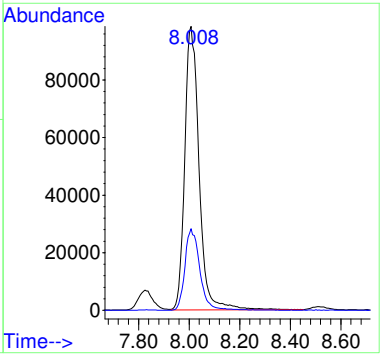


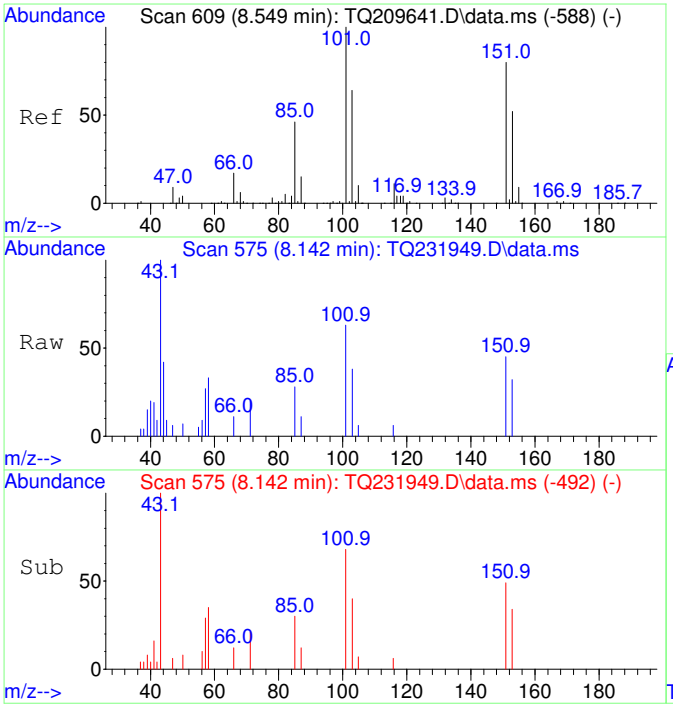


#14
Acetone
Concen: 7.04 ppbv
RT: 8.008 min Scan# 553
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 43 Resp: 386592

Ion	Ratio	Lower	Upper
43	100		
58	30.2	20.9	43.3

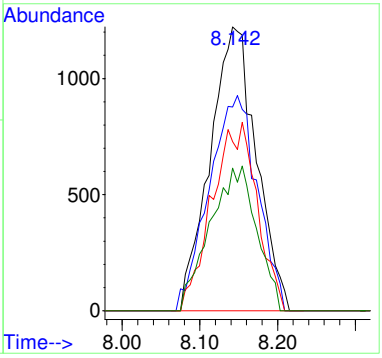


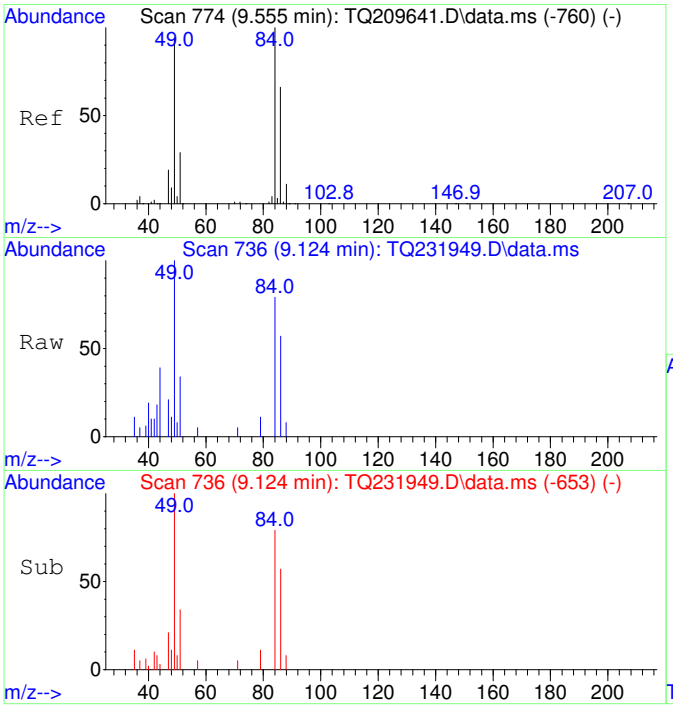


#15
Freon-113
Concen: 0.08 ppbv
RT: 8.142 min Scan# 575
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:101 Resp: 5061

Ion	Ratio	Lower	Upper
101	100		
151	79.1	50.5	104.9
103	64.2	42.0	87.2
153	51.1	32.4	67.4

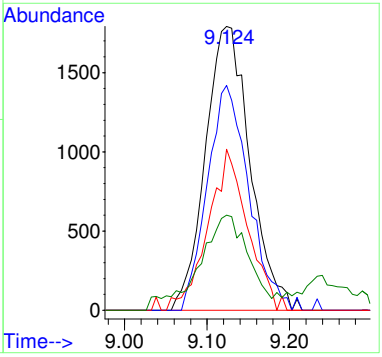


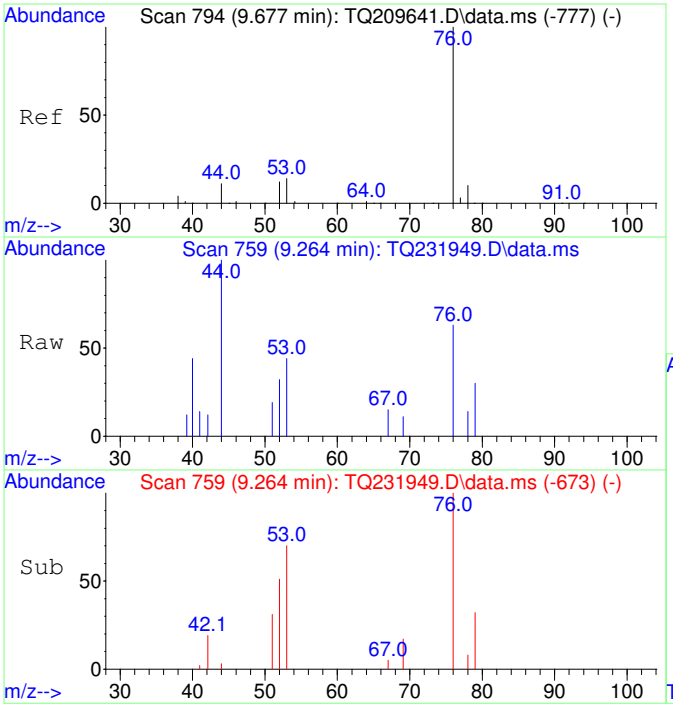


#18
Methylene Chloride
Concen: 0.19 ppbv m
RT: 9.124 min Scan# 736
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 49 Resp: 6752

Ion	Ratio	Lower	Upper
49	100		
84	0.0	49.9	103.5#
86	0.0	31.8	66.0#
51	0.0	20.2	41.9#

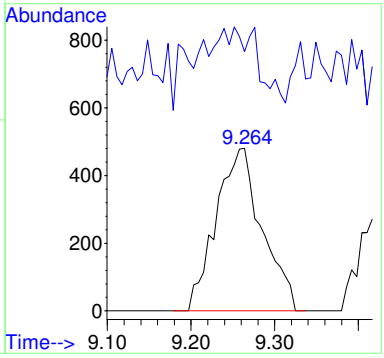


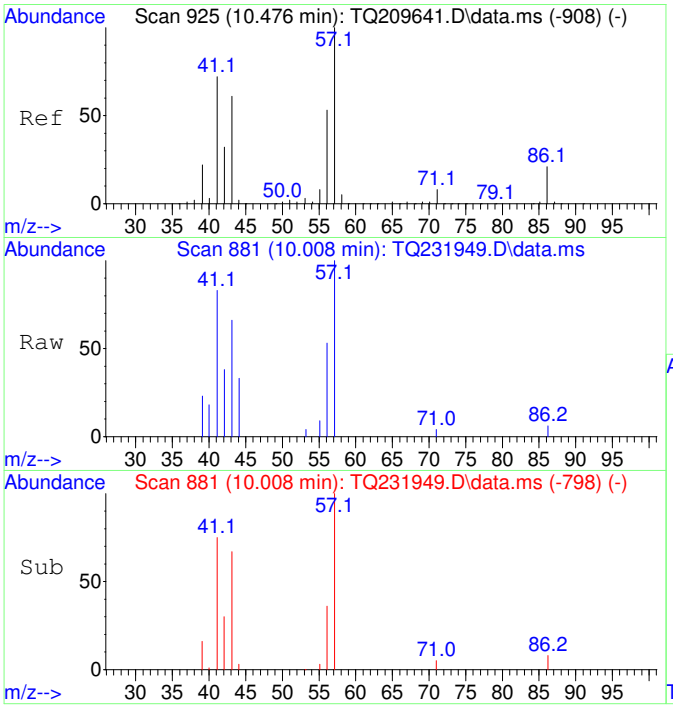


#20
Carbon disulfide
Concen: 0.02 ppbv
RT: 9.264 min Scan# 759
Delta R.T. 0.024 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 76 Resp: 1830

Ion	Ratio	Lower	Upper
76	100		
44	70.2	8.3	17.3#

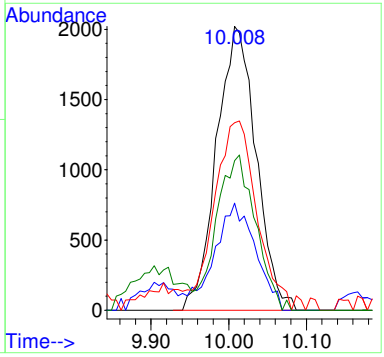


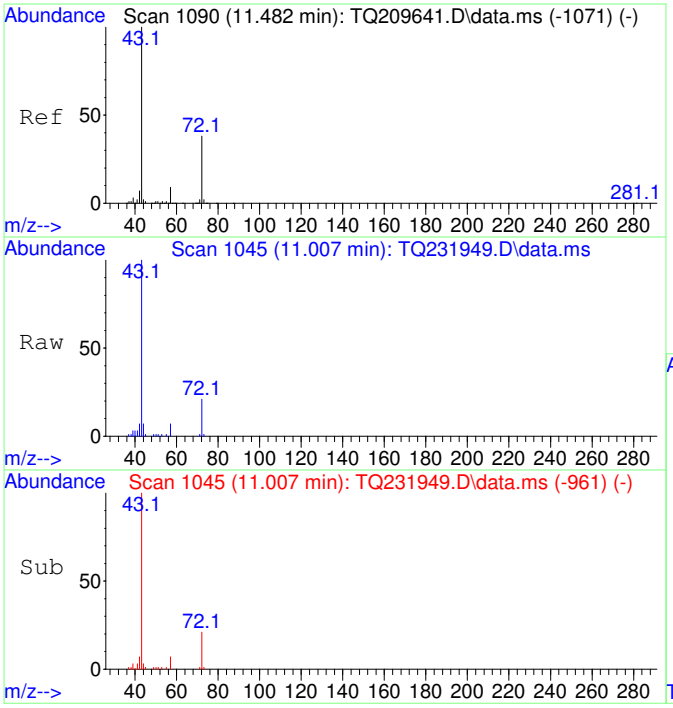


#23
Hexane
Concen: 0.16 ppbv
RT: 10.008 min Scan# 881
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 57 Resp: 7135

Ion	Ratio	Lower	Upper
57	100		
42	39.3	21.6	45.0
43	73.8	42.0	87.2
56	54.1	33.3	69.1

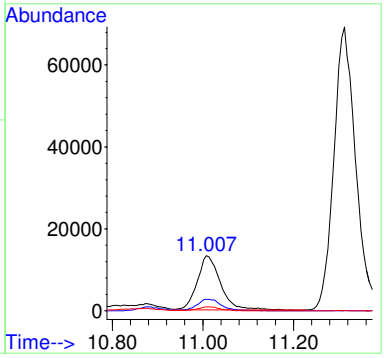


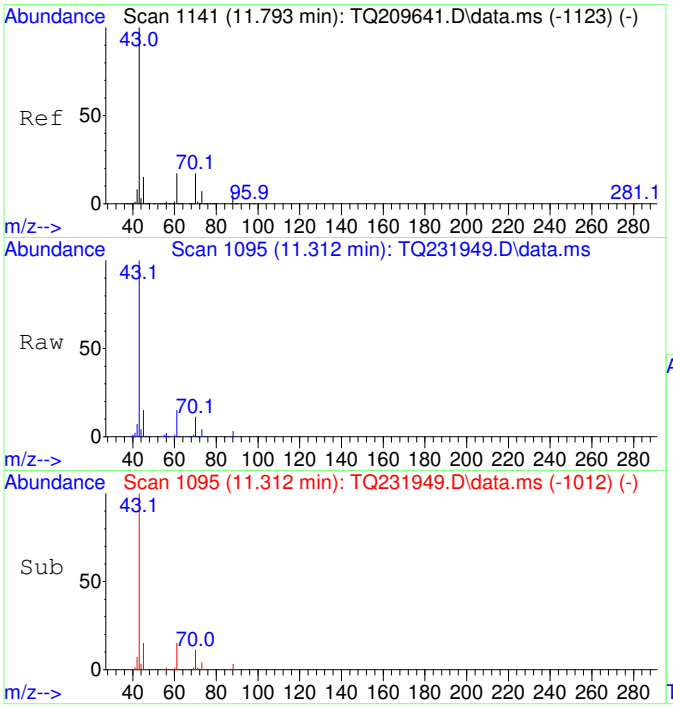


#26
2-Butanone
Concen: 0.74 ppbv
RT: 11.007 min Scan# 1045
Delta R.T. 0.012 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 43 Resp: 47349

Ion	Ratio	Lower	Upper
43	100		
72	22.4	16.1	33.5
57	7.3	4.9	10.3

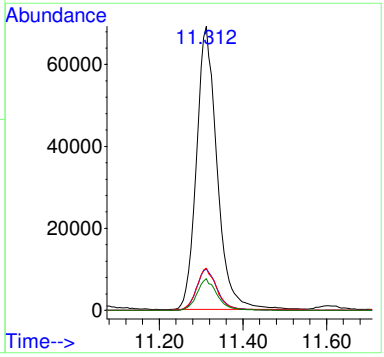


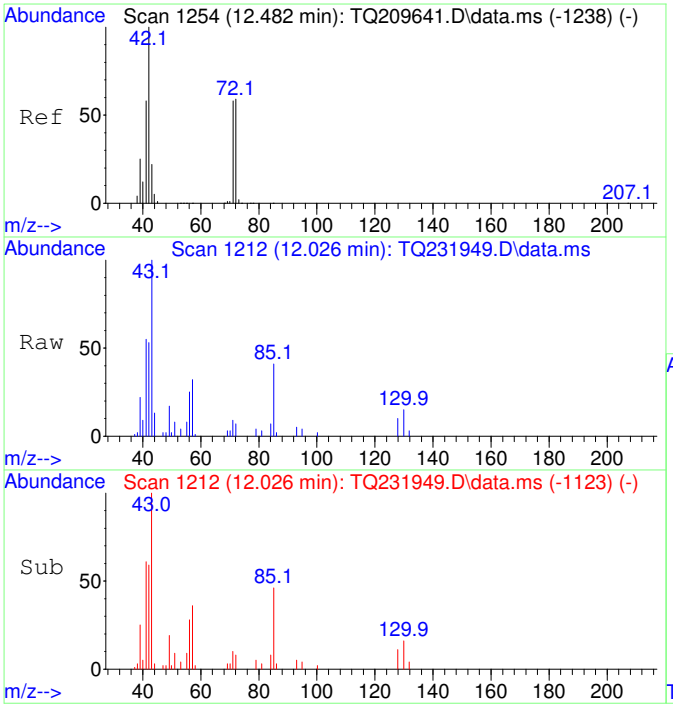


#27
Ethyl Acetate
Concen: 3.07 ppbv
RT: 11.312 min Scan# 1095
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 43 Resp: 235684

Ion	Ratio	Lower	Upper
43	100		
61	14.9	51.4	106.8#
45	14.9	9.4	19.6
70	10.8	7.5	15.5

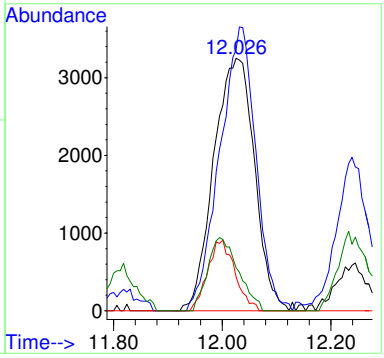


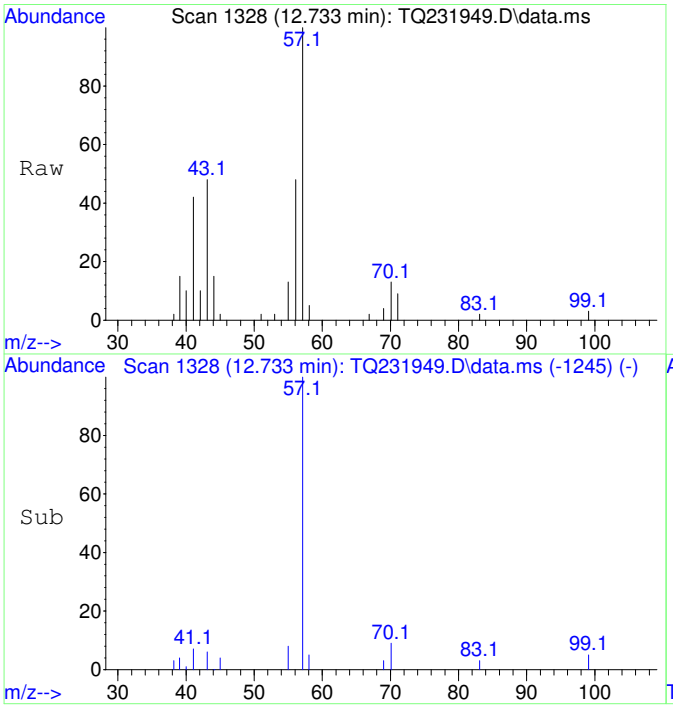


#30
Tetrahydrofuran
Concen: 0.47 ppbv
RT: 12.026 min Scan# 1212
Delta R.T. 0.043 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 42 Resp: 16997

Ion	Ratio	Lower	Upper
42	100		
41	99.1	35.2	73.0#
72	18.7	27.2	56.6#
71	21.8	25.9	53.7#

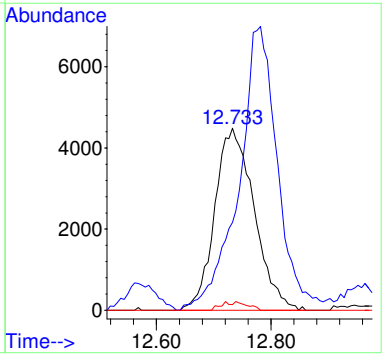


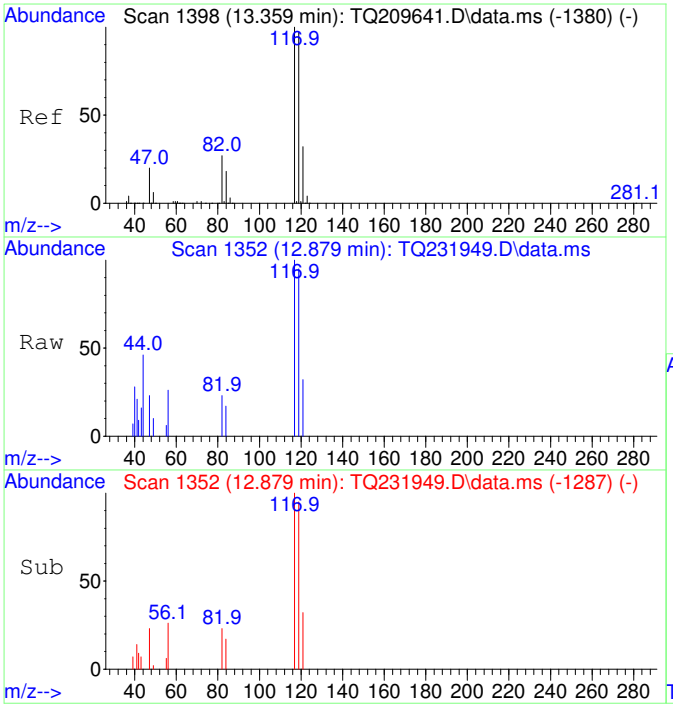


#33
2,2,4-Trimethylpentane
Concen: 0.14 ppbv
RT: 12.733 min Scan# 1328
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 57 Resp: 21436

Ion	Ratio	Lower	Upper
57	100		
56	153.7	24.5	45.5#
99	3.0	3.5	6.5#

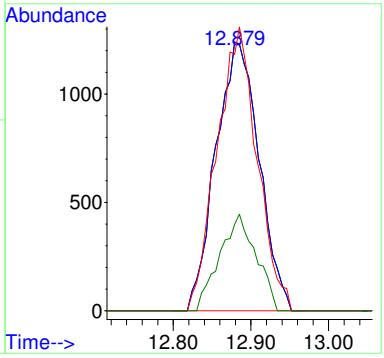


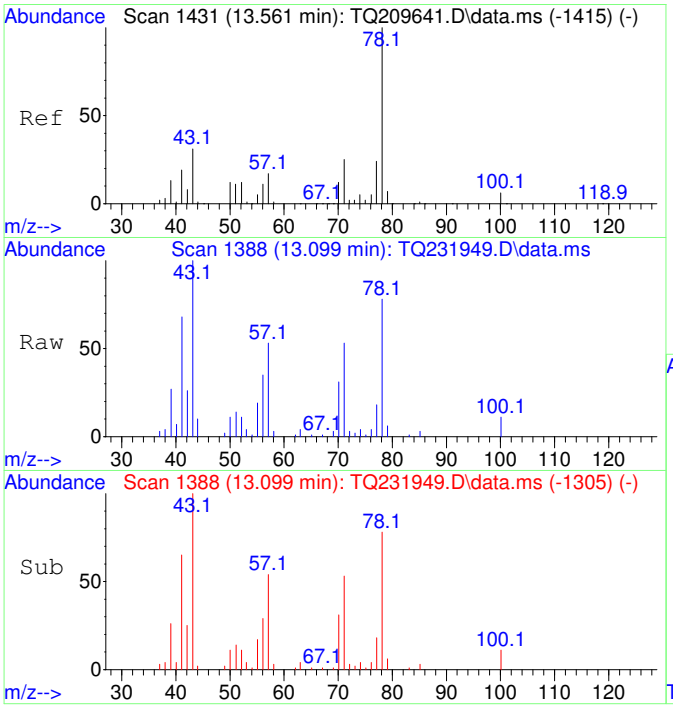


#34
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 12.879 min Scan# 1352
Delta R.T. -0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:117 Resp: 4797

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	98.1	76.9	115.3
121	30.3	21.7	40.3

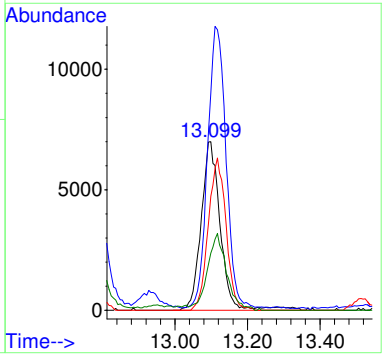


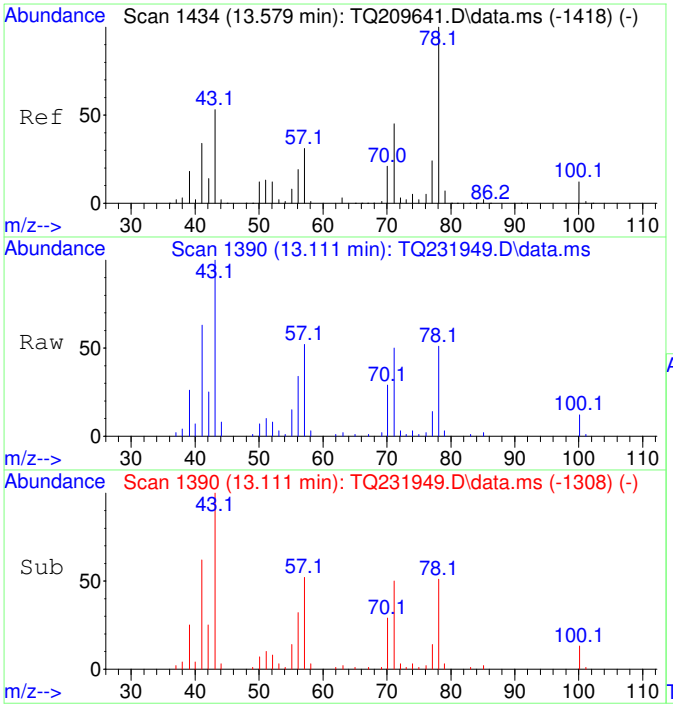


#36
Benzene
Concen: 0.23 ppbv
RT: 13.099 min Scan# 1388
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 78 Resp: 25749

Ion	Ratio	Lower	Upper
78	100		
43	167.7	37.5	77.9#
71	83.6	22.0	45.8#
42	45.3	8.8	18.4#

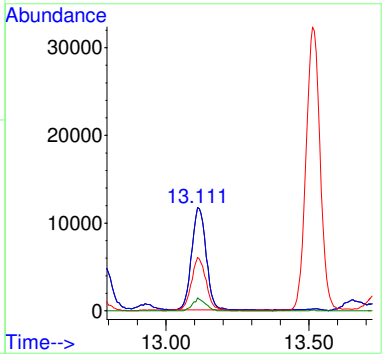


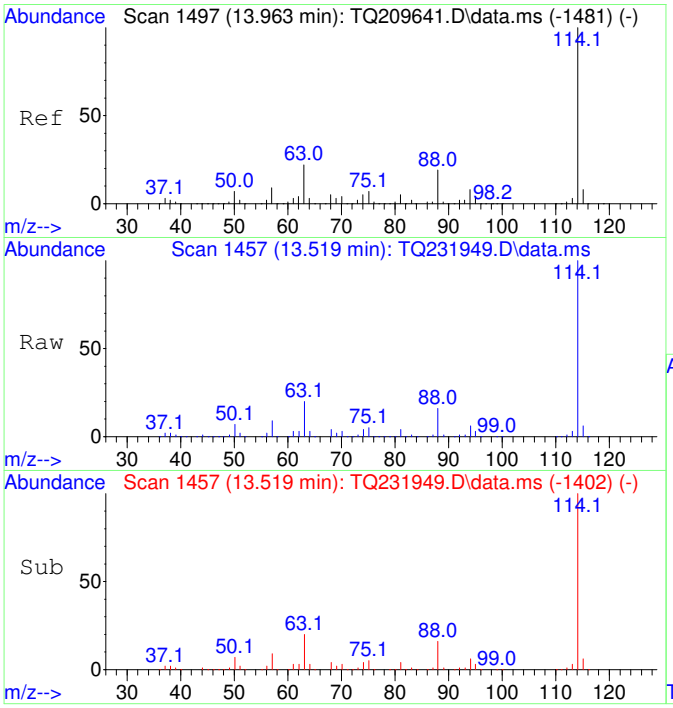


#37
n-Heptane
Concen: 0.67 ppbv
RT: 13.111 min Scan# 1390
Delta R.T. 0.000 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 43 Resp: 40768

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	54.1	42.6	64.0
100	10.9	13.3	19.9#

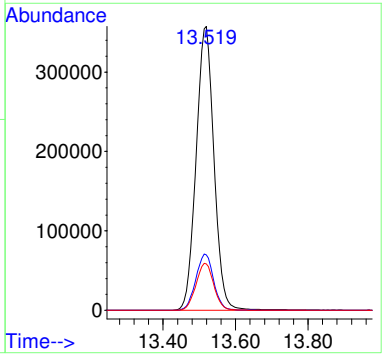


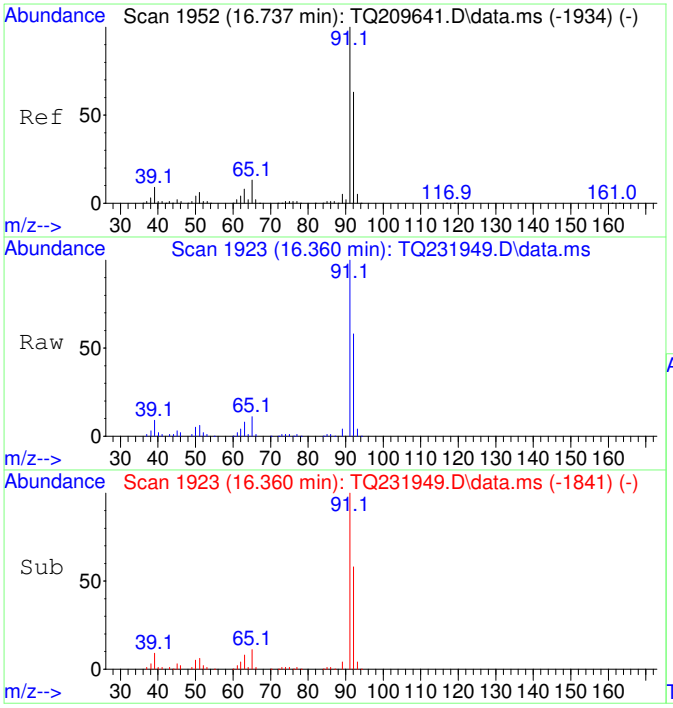


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.519 min Scan# 1457
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:114 Resp: 1221060

Ion	Ratio	Lower	Upper
114	100		
63	19.9	12.9	26.9
88	16.7	10.7	22.3

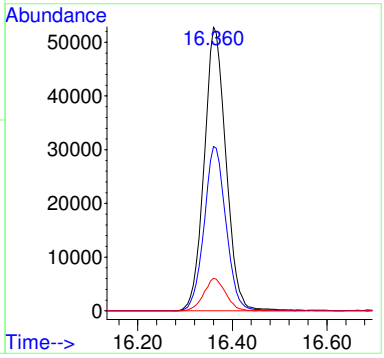


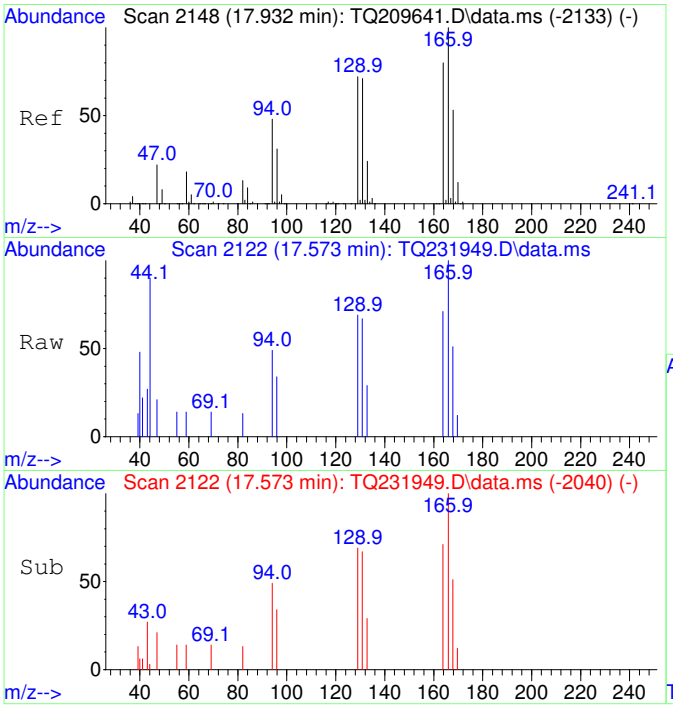


#46
Toluene
Concen: 1.29 ppbv
RT: 16.360 min Scan# 1923
Delta R.T. 0.000 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 91 Resp: 169023

Ion	Ratio	Lower	Upper
91	100		
92	58.2	38.7	80.3
65	11.4	7.5	15.5

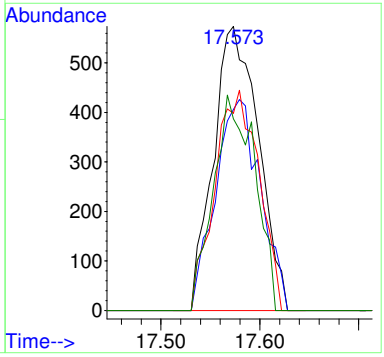


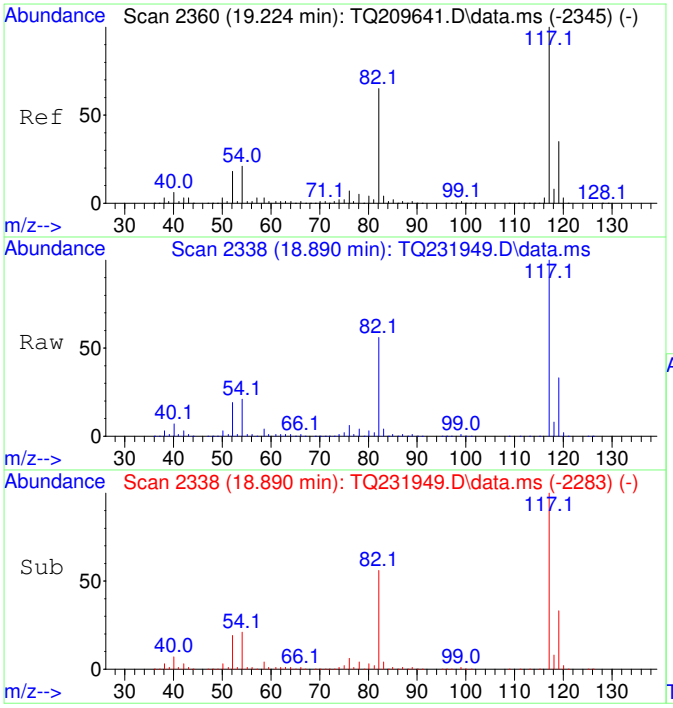


#51
Tetrachloroethylene
Concen: 0.03 ppbv
RT: 17.573 min Scan# 2122
Delta R.T. 0.000 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:166 Resp: 1822

Ion	Ratio	Lower	Upper
166	100		
164	74.1	51.0	106.0
129	75.6	48.1	99.9
131	69.7	46.3	96.3

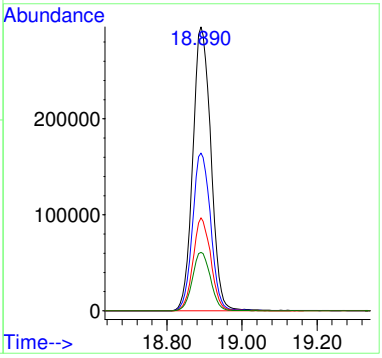


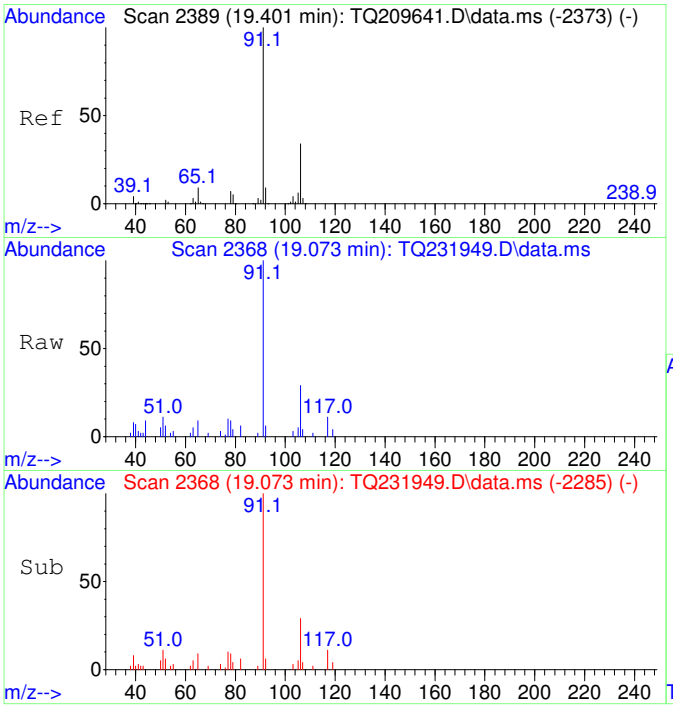


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.890 min Scan# 2338
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:117 Resp: 992629

Ion	Ratio	Lower	Upper
117	100		
82	55.6	37.1	77.1
119	32.3	22.1	45.9
54	20.8	13.8	28.6

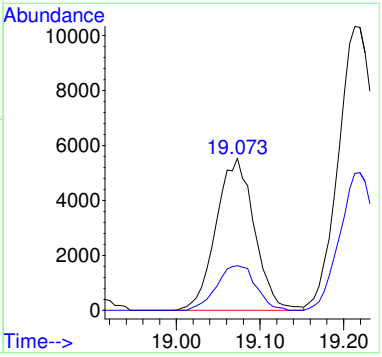


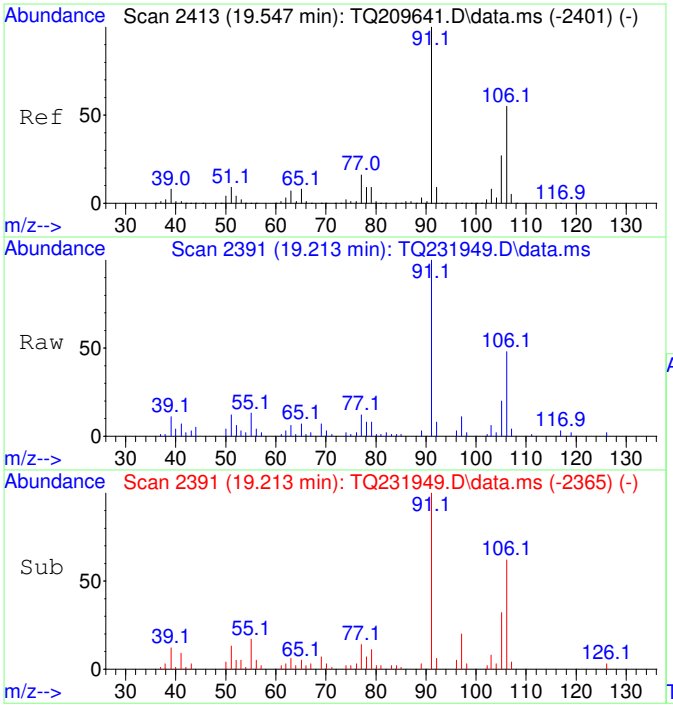


#57
Ethylbenzene
Concen: 0.11 ppbv
RT: 19.073 min Scan# 2368
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 91 Resp: 17569

Ion	Ratio	Lower	Upper
91	100		
106	30.0	20.5	42.7

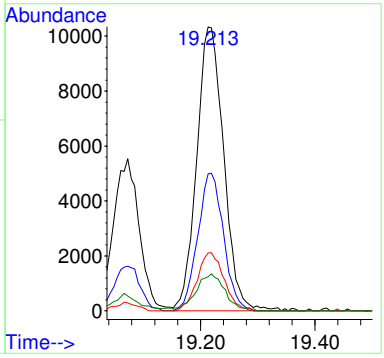


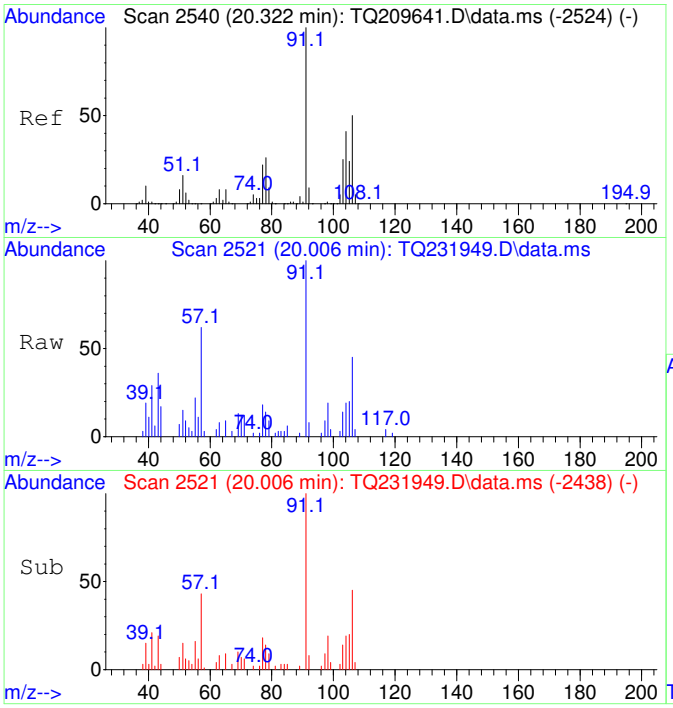


#58
p- & m-Xylenes
Concen: 0.28 ppbv
RT: 19.213 min Scan# 2391
Delta R.T. 0.000 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 91 Resp: 33995

Ion	Ratio	Lower	Upper
91	100		
106	46.2	32.6	67.8
105	20.3	14.5	30.1
77	13.8	8.5	17.7

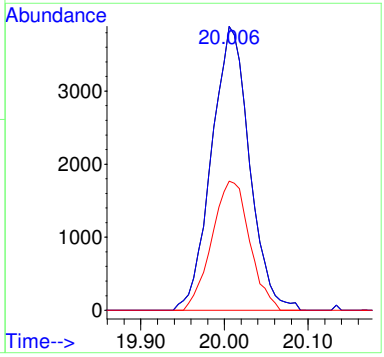


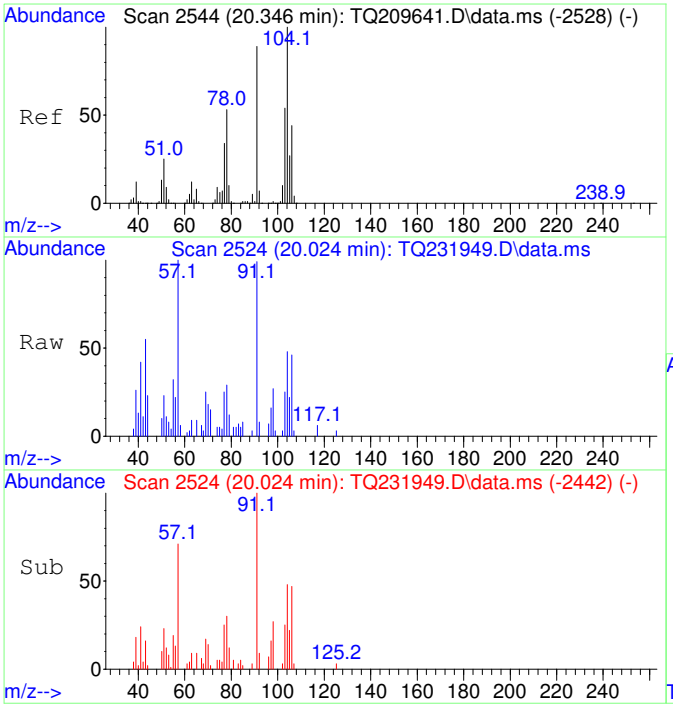


#59
o-Xylene
Concen: 0.10 ppbv
RT: 20.006 min Scan# 2521
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 91 Resp: 12206

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.3	38.2	57.2

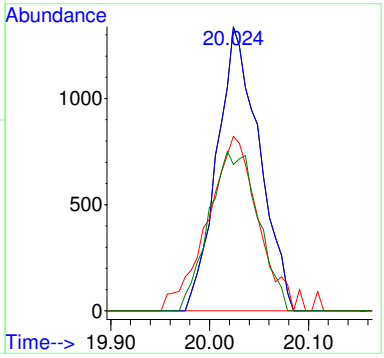


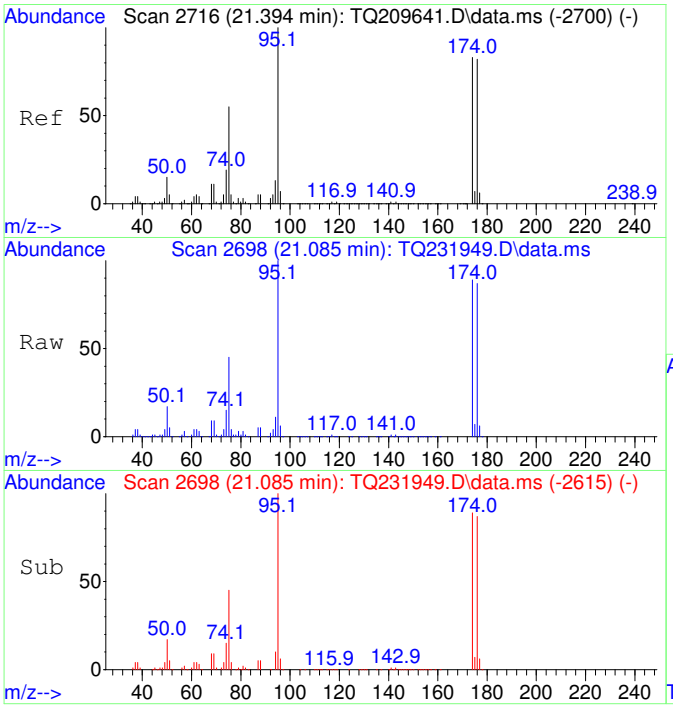


#60
Styrene
Concen: 0.04 ppbv
RT: 20.024 min Scan# 2524
Delta R.T. 0.000 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion:104 Resp: 3971

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	0.0	0.0

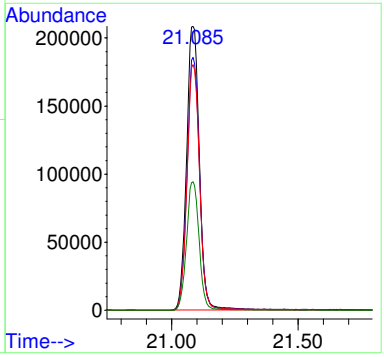




#65
p-Bromofluorobenzene
Concen: 9.73 ppbv
RT: 21.085 min Scan# 2698
Delta R.T. 0.006 min
Lab File: TQ231949.D
Acq: 8 Apr 2025 5:45 pm

Tgt Ion: 95 Resp: 733812

Ion	Ratio	Lower	Upper
95	100		
174	87.6	53.2	110.6
176	85.3	51.6	107.2
75	45.2	30.7	63.7



Sample Information

Client Sample ID: **AI-10 20250326** **York Sample ID:** **25C1716-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.99	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.93	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.88	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.96	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.31	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
78-93-3	**2-Butanone**	1.6		ug/m³	0.39	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
67-64-1	**Acetone**	30		ug/m³	2.5	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.7	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
71-43-2	**Benzene**	0.51		ug/m³	0.42	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.69	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.89	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-83-9	Bromomethane	ND		ug/m³	0.52	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.41	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
56-23-5	**Carbon tetrachloride**	0.50		ug/m³	0.21	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-00-3	Chloroethane	ND		ug/m³	0.35	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR

Sample Information

Client Sample ID: **AI-10 20250326** **York Sample ID:** **25C1716-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.9		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-87-3	**Chloromethane**	1.5		ug/m³	0.27	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
110-82-7	Cyclohexane	ND		ug/m³	0.46	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.66	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
141-78-6	*** Ethyl acetate**	6.4		ug/m³	0.96	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
67-63-0	**Isopropanol**	25		ug/m³	2.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.48	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-09-2	Methylene chloride	ND		ug/m³	2.8	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
91-20-3	* Naphthalene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
142-82-5	**n-Heptane**	0.93		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
110-54-3	n-Hexane	ND		ug/m³	0.47	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-47-6	o-Xylene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.2	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
115-07-1	* Propylene	ND		ug/m³	0.23	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-42-5	Styrene	ND		ug/m³	0.57	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.90	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.78	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-88-3	**Toluene**	2.5		ug/m³	0.50	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.53	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.18	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.75	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.47	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-97-5	*Internal Standard: Bromochloromethan*	*101 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*101 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*97.6 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231950.D
Acq On : 8 Apr 2025 6:50 pm
Operator : YR
Sample : 25C1716-03
Misc : QBTO2040525A .533X
ALS Vial : 10 Sample Multiplier: 1.329

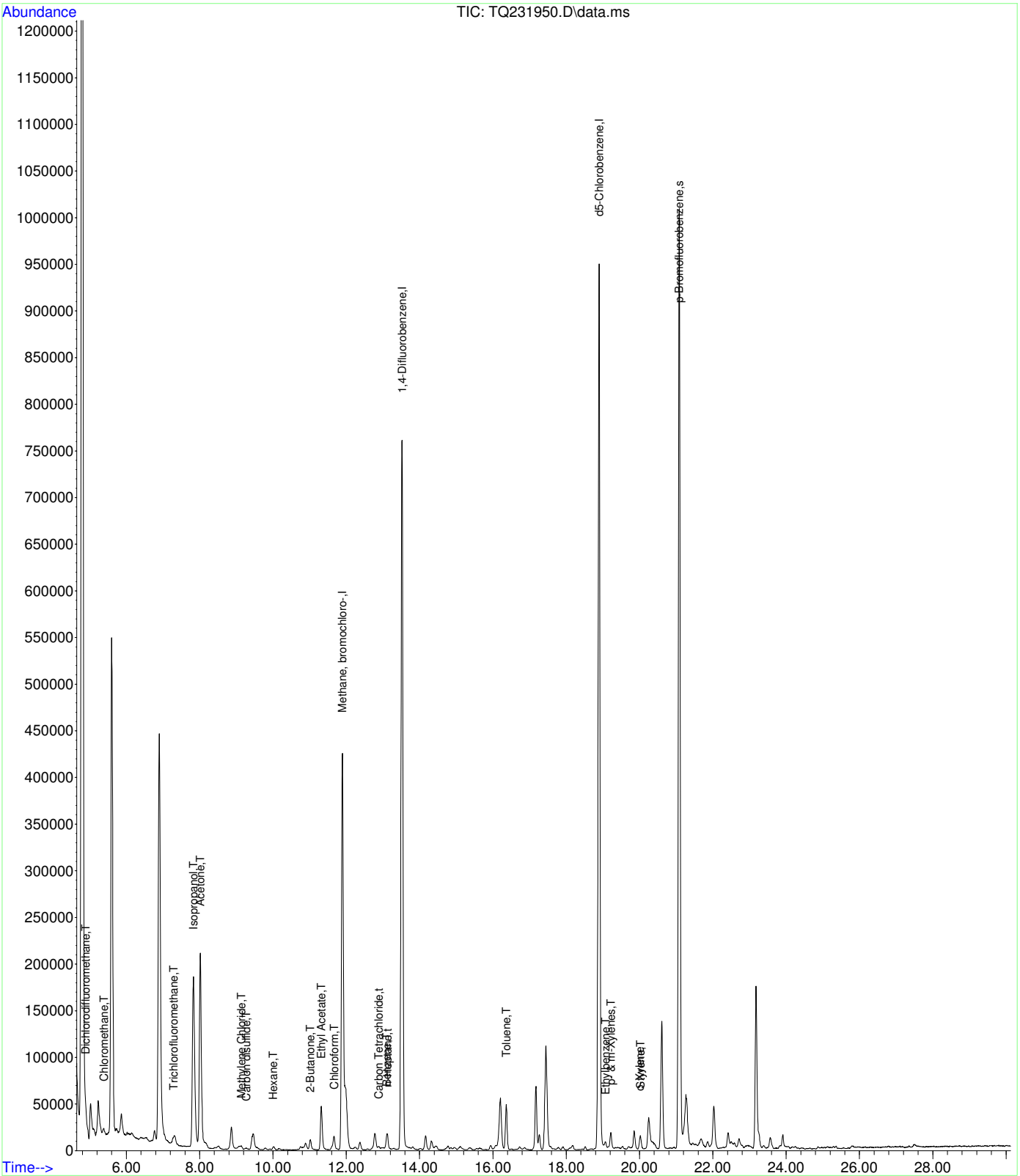
Quant Time: Apr 09 08:46:44 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

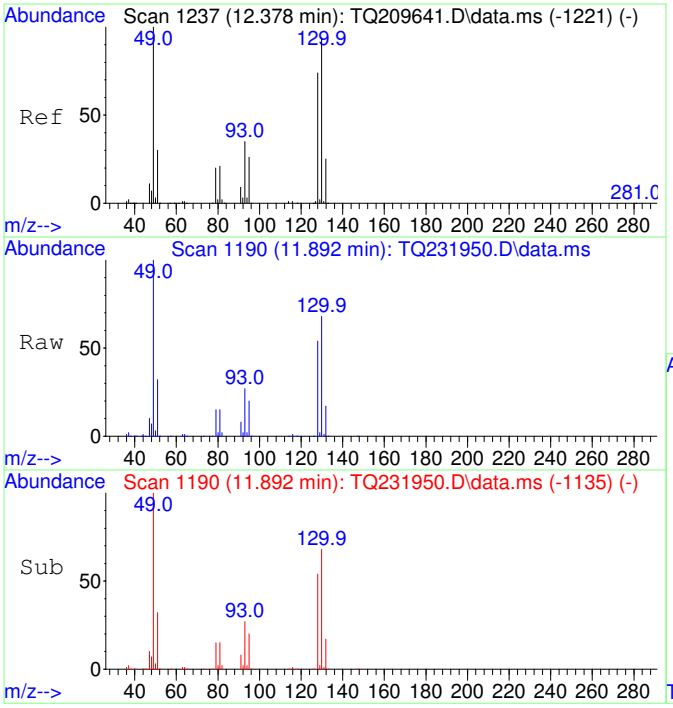
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.892	49	386112	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.519	114	1207771	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.896	117	1029055	10.00	ppbv		0.01
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	719832	9.21	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.10%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.887	85	27461	0.37	ppbv	#	96
5) Chloromethane	5.387	50	12024	0.53	ppbv		92
11) Trichlorofluoromethane	7.289	101	12597	0.16	ppbv		100
12) Isopropanol	7.831	45	484894	7.61	ppbv		100
14) Acetone	8.020	43	512206	9.56	ppbv		97
18) Methylene Chloride	9.136	49	3740	0.11	ppbv		93
20) Carbon disulfide	9.270	76	1791	0.02	ppbv	#	1
23) Hexane	10.008	57	2932	0.07	ppbv	#	81
26) 2-Butanone	11.020	43	26162	0.42	ppbv		95
27) Ethyl Acetate	11.319	43	100503	1.34	ppbv	#	45
29) Chloroform	11.666	83	19718	0.29	ppbv		98
34) Carbon Tetrachloride	12.885	117	3513	0.06	ppbv		99
36) Benzene	13.105	78	12898	0.12	ppbv	#	83
37) n-Heptane	13.123	43	9868	0.17	ppbv	#	75
46) Toluene	16.366	91	64548	0.50	ppbv		98
57) Ethylbenzene	19.073	91	9353	0.06	ppbv		96
58) p- & m-Xylenes	19.219	91	18071	0.14	ppbv		98
59) o-Xylene	20.006	91	6671	0.05	ppbv		99
60) Styrene	20.024	104	8088	0.09	ppbv	#	100

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231950.D
Acq On : 8 Apr 2025 6:50 pm
Operator : YR
Sample : 25C1716-03
Misc : QBTO2040525A .533X
ALS Vial : 10 Sample Multiplier: 1.329

Quant Time: Apr 09 08:46:44 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

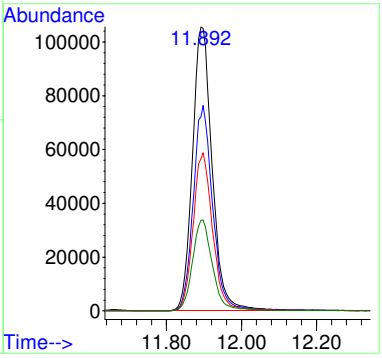


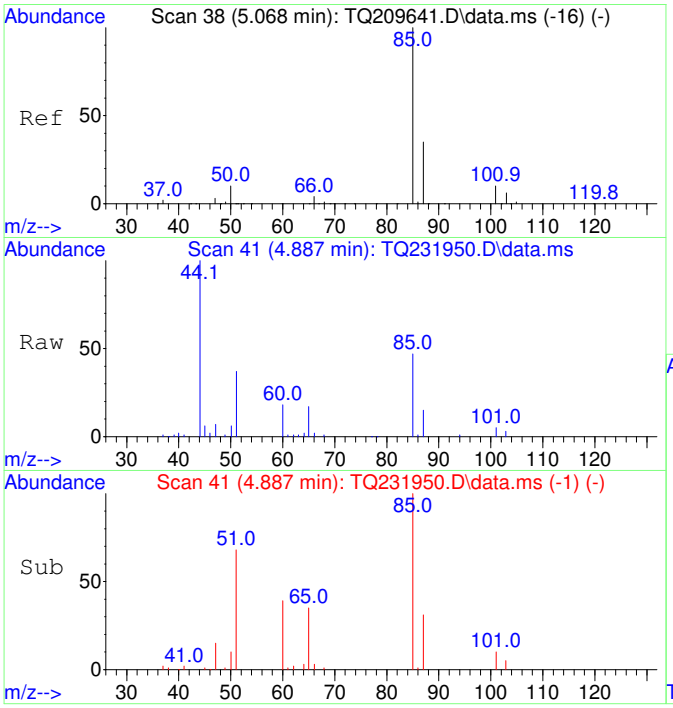


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.892 min Scan# 1190
Delta R.T. 0.007 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 49 Resp: 386112

Ion	Ratio	Lower	Upper
49	100		
130	71.7	48.1	99.9
128	55.4	38.3	79.5
51	32.6	20.3	42.3

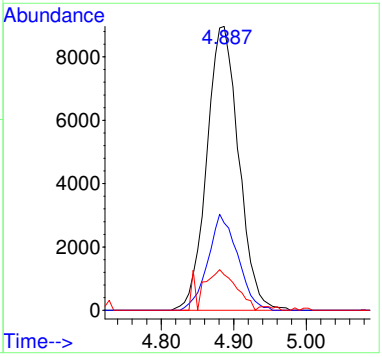


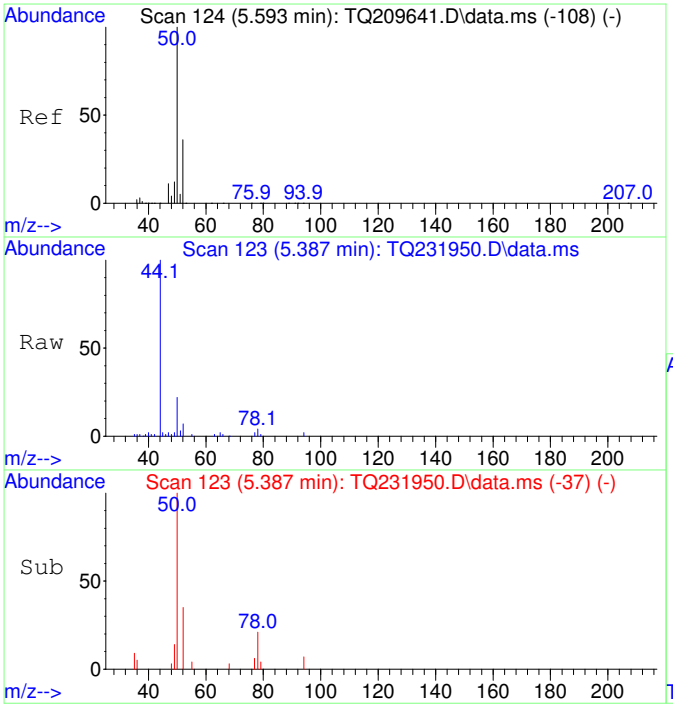


#3
Dichlorodifluoromethane
Concen: 0.37 ppbv
RT: 4.887 min Scan# 41
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 85 Resp: 27461

Ion	Ratio	Lower	Upper
85	100		
87	31.5	20.9	43.5
50	16.2	7.2	15.0#

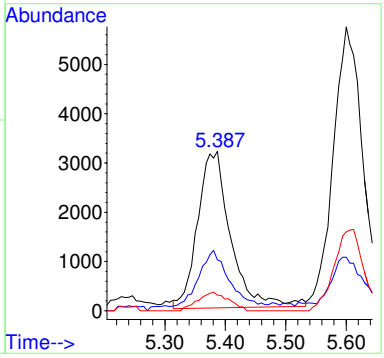


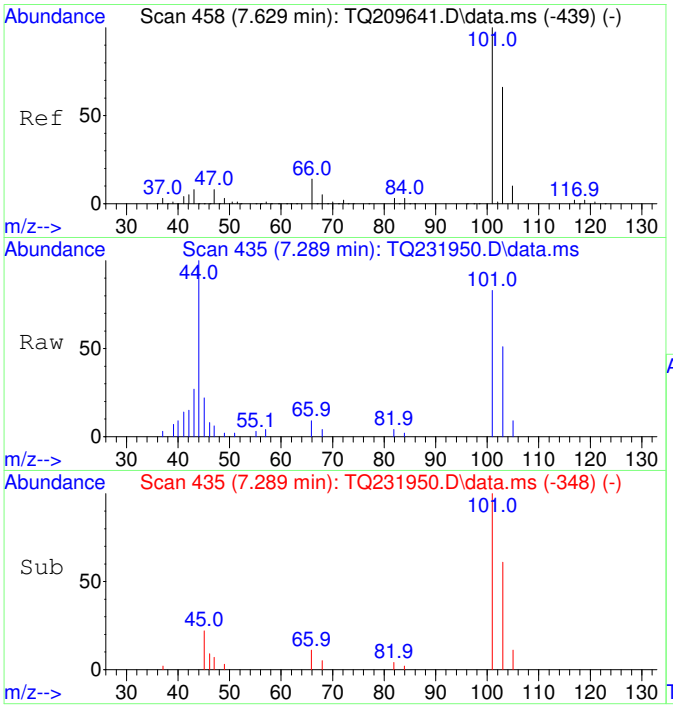


#5
Chloromethane
Concen: 0.53 ppbv
RT: 5.387 min Scan# 123
Delta R.T. 0.025 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 50 Resp: 12024

Ion	Ratio	Lower	Upper
50	100		
52	38.2	0.0	65.2
49	11.1	0.0	19.6

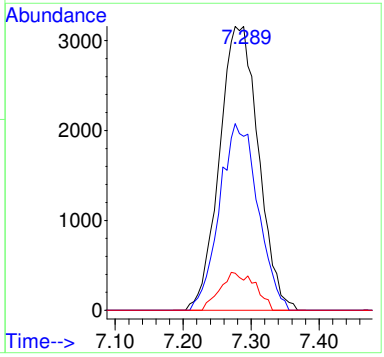


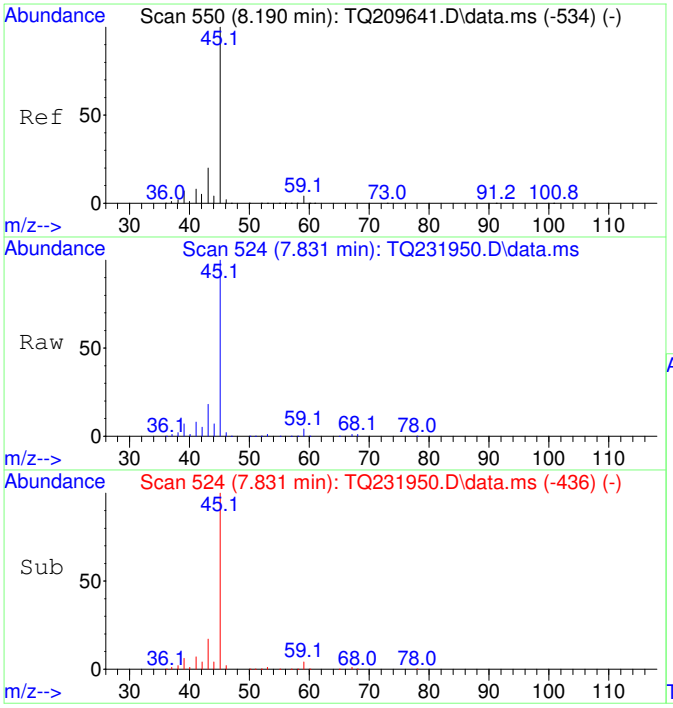


#11
Trichlorofluoromethane
Concen: 0.16 ppbv
RT: 7.289 min Scan# 435
Delta R.T. 0.031 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion:101 Resp: 12597

Ion	Ratio	Lower	Upper
101	100		
103	65.0	42.3	87.8
66	12.0	7.8	16.2

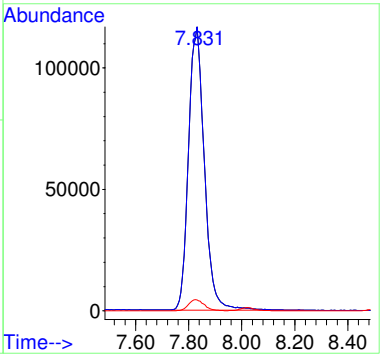


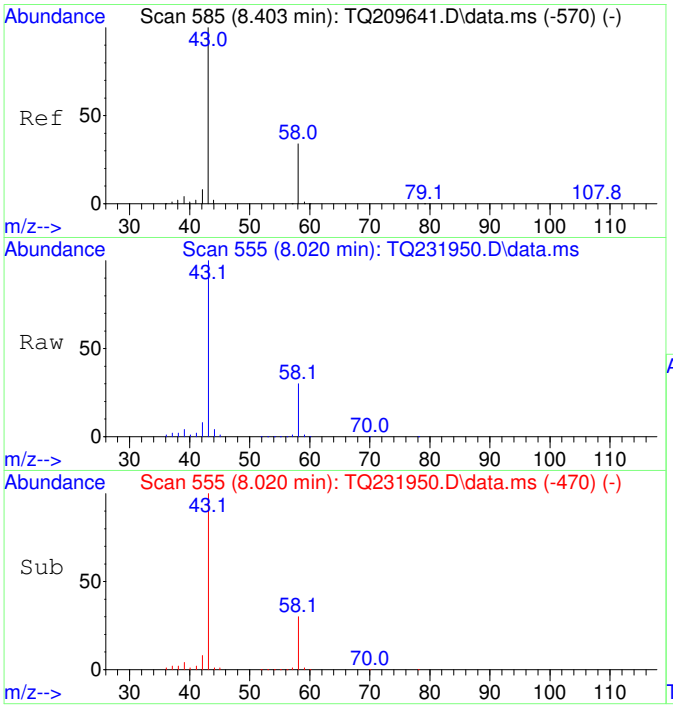


#12
Isopropanol
Concen: 7.61 ppbv
RT: 7.831 min Scan# 524
Delta R.T. 0.036 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 45 Resp: 484894

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

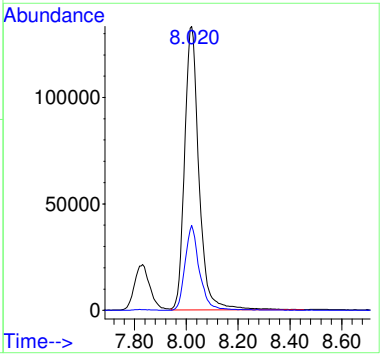


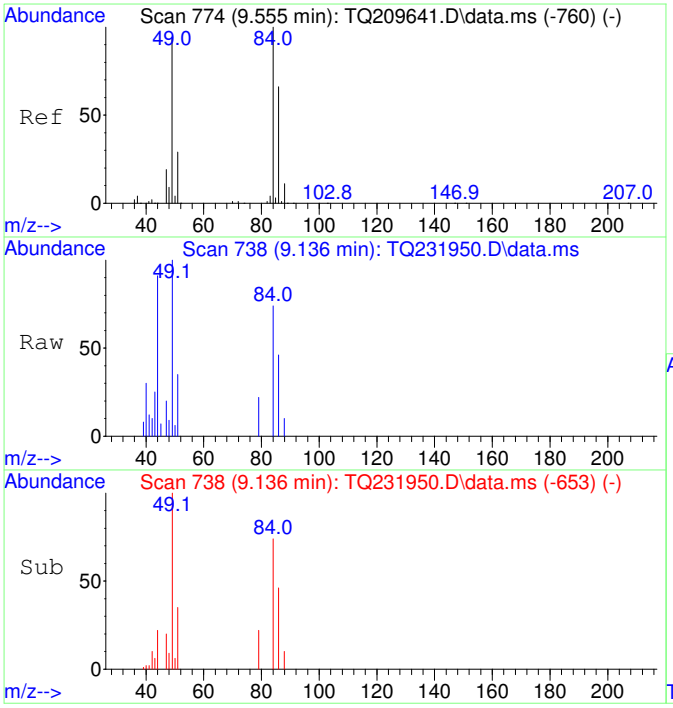


#14
Acetone
Concen: 9.56 ppbv
RT: 8.020 min Scan# 555
Delta R.T. 0.018 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 43 Resp: 512206

Ion	Ratio	Lower	Upper
43	100		
58	30.4	20.9	43.3

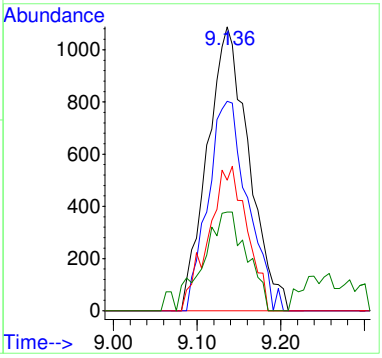


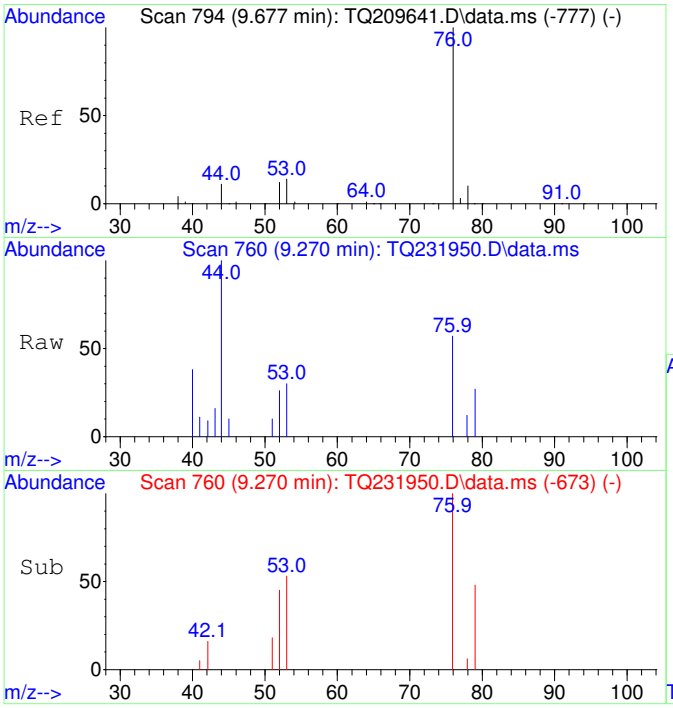


#18
Methylene Chloride
Concen: 0.11 ppbv
RT: 9.136 min Scan# 738
Delta R.T. 0.018 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 49 Resp: 3740

Ion	Ratio	Lower	Upper
49	100		
84	70.5	49.9	103.5
86	47.1	31.8	66.0
51	37.7	20.2	41.9

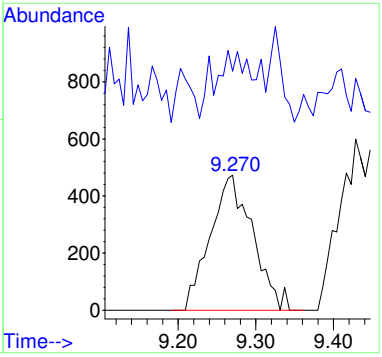


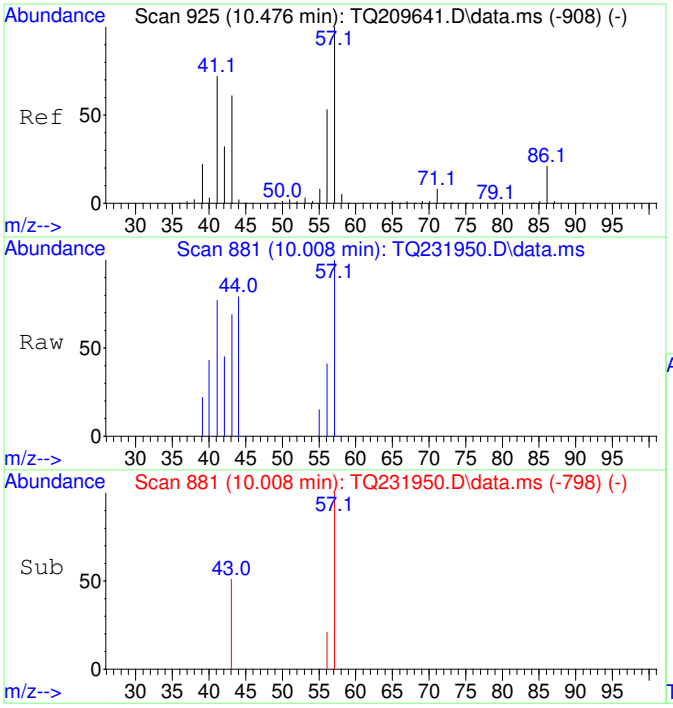


#20
Carbon disulfide
Concen: 0.02 ppbv
RT: 9.270 min Scan# 760
Delta R.T. 0.031 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 76 Resp: 1791

Ion	Ratio	Lower	Upper
76	100		
44	68.5	8.3	17.3#

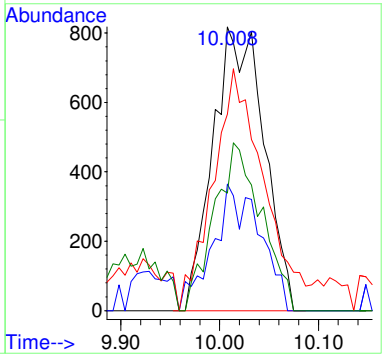


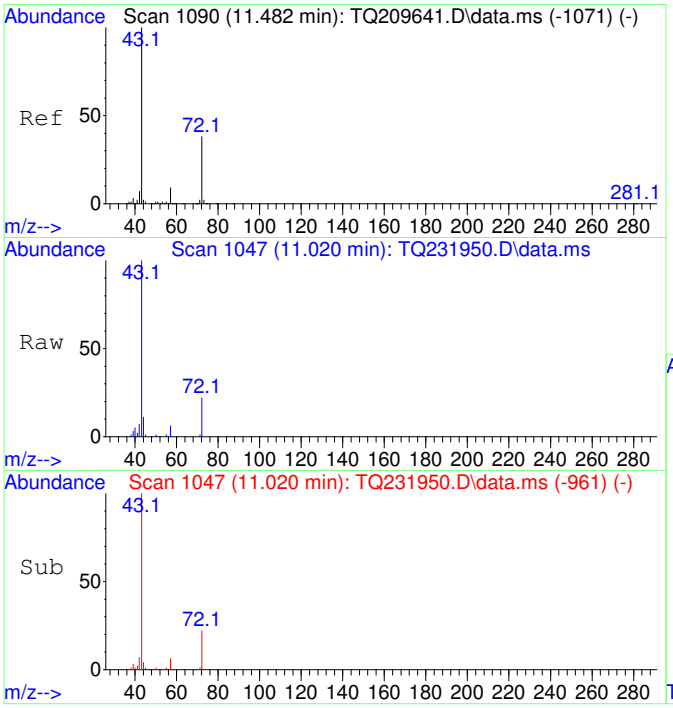


#23
Hexane
Concen: 0.07 ppbv
RT: 10.008 min Scan# 881
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 57 Resp: 2932

Ion	Ratio	Lower	Upper
57	100		
42	40.3	21.6	45.0
43	90.3	42.0	87.2#
56	54.8	33.3	69.1

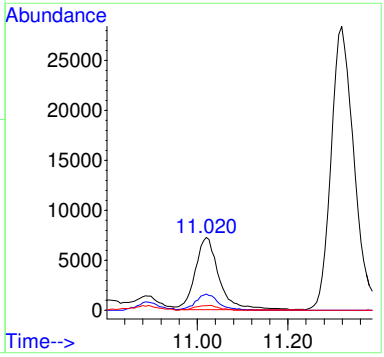


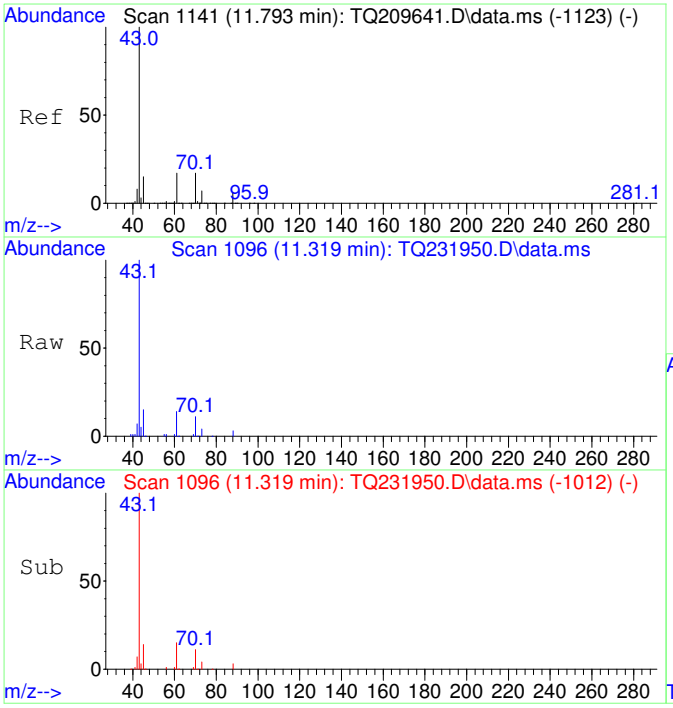


#26
2-Butanone
Concen: 0.42 ppbv
RT: 11.020 min Scan# 1047
Delta R.T. 0.025 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 43 Resp: 26162

Ion	Ratio	Lower	Upper
43	100		
72	21.9	16.1	33.5
57	7.1	4.9	10.3

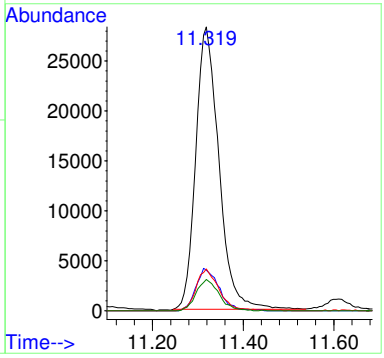


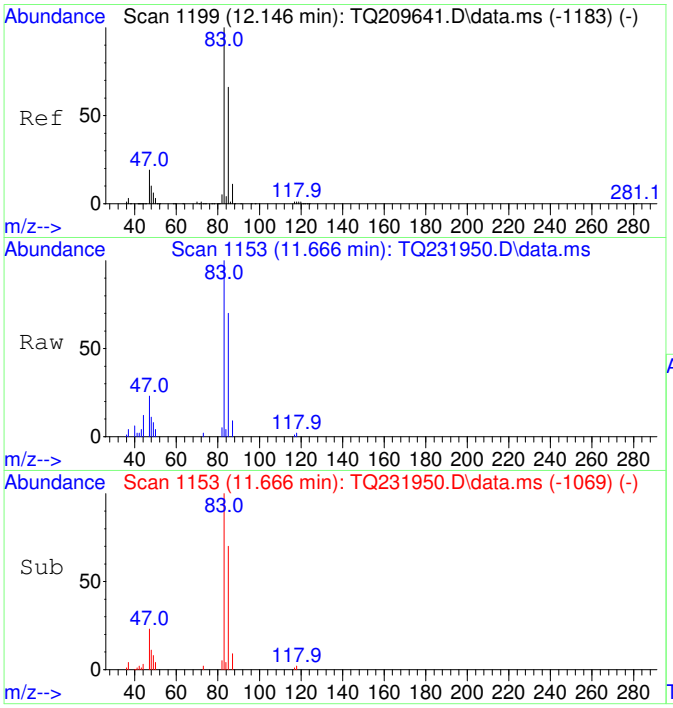


#27
Ethyl Acetate
Concen: 1.34 ppbv
RT: 11.319 min Scan# 1096
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 43 Resp: 100503

Ion	Ratio	Lower	Upper
43	100		
61	15.0	51.4	106.8#
45	15.0	9.4	19.6
70	11.0	7.5	15.5

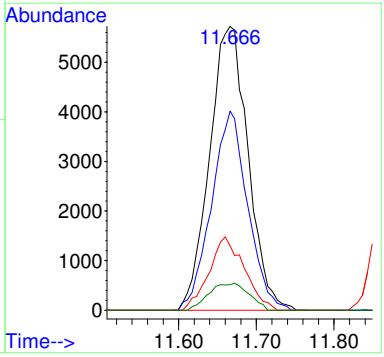


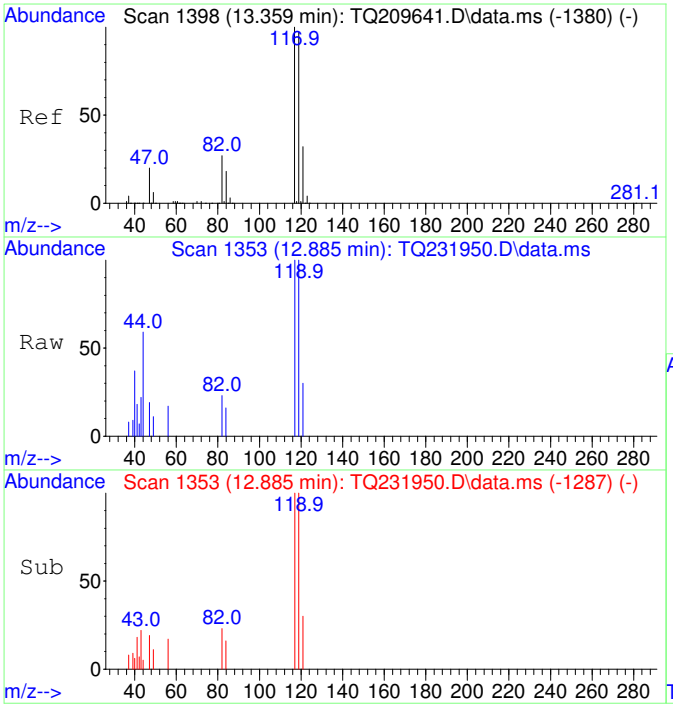


#29
Chloroform
Concen: 0.29 ppbv
RT: 11.666 min Scan# 1153
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 83 Resp: 19718

Ion	Ratio	Lower	Upper
83	100		
85	65.9	41.7	86.7
47	23.7	15.1	31.5
87	9.9	6.7	13.9

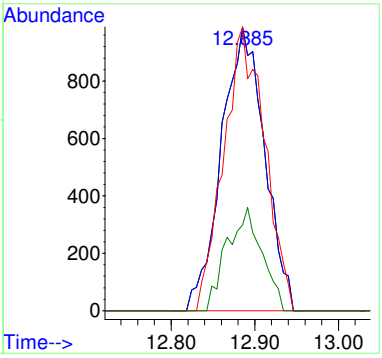


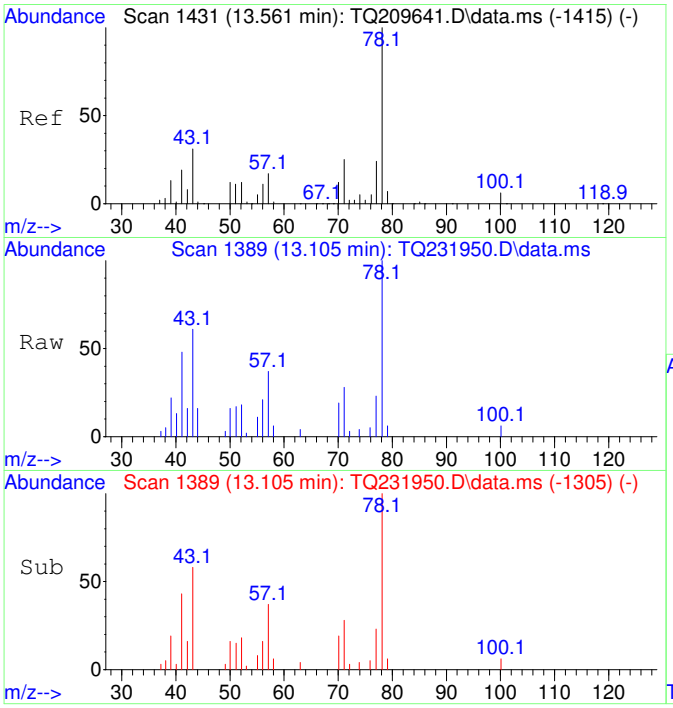


#34
Carbon Tetrachloride
Concen: 0.06 ppbv
RT: 12.885 min Scan# 1353
Delta R.T. 0.000 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion:117 Resp: 3513

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	95.4	76.9	115.3
121	29.4	21.7	40.3

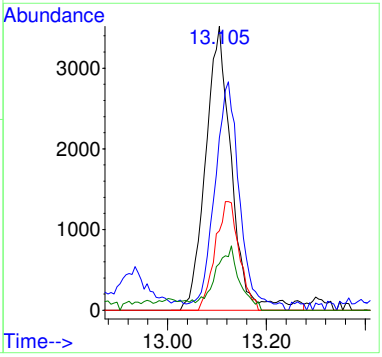


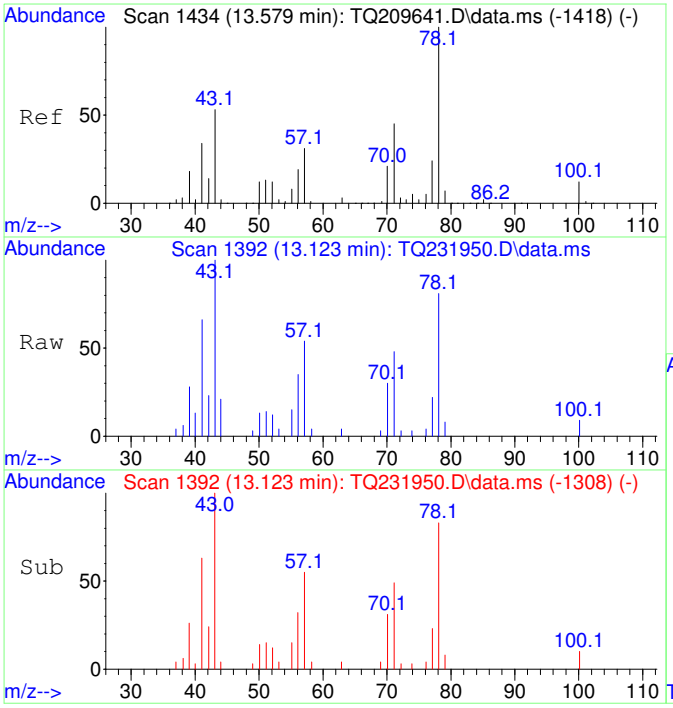


#36
Benzene
Concen: 0.12 ppbv
RT: 13.105 min Scan# 1389
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 78 Resp: 12898

Ion	Ratio	Lower	Upper
78	100		
43	76.8	37.5	77.9
71	35.3	22.0	45.8
42	21.1	8.8	18.4#

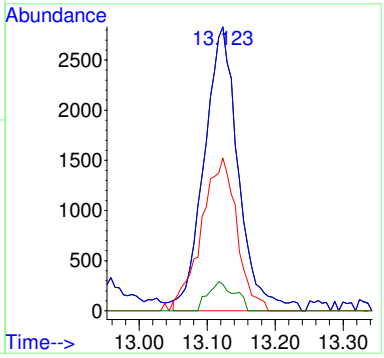


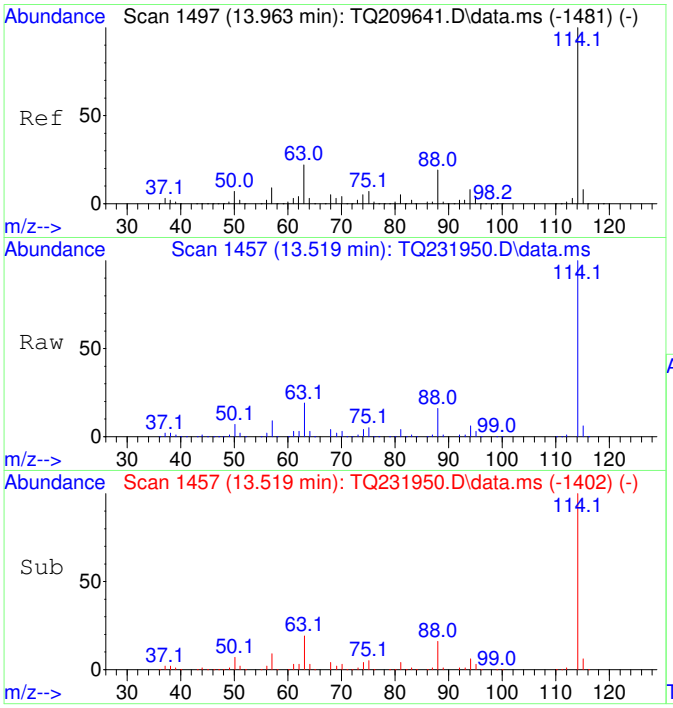


#37
n-Heptane
Concen: 0.17 ppbv
RT: 13.123 min Scan# 1392
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 43 Resp: 9868

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	42.6	64.0#
100	8.0	13.3	19.9#

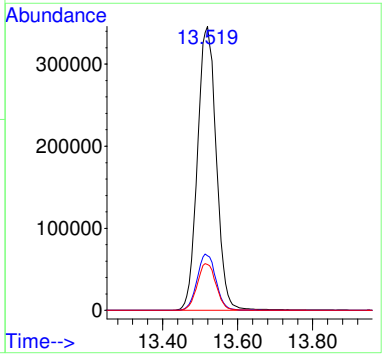


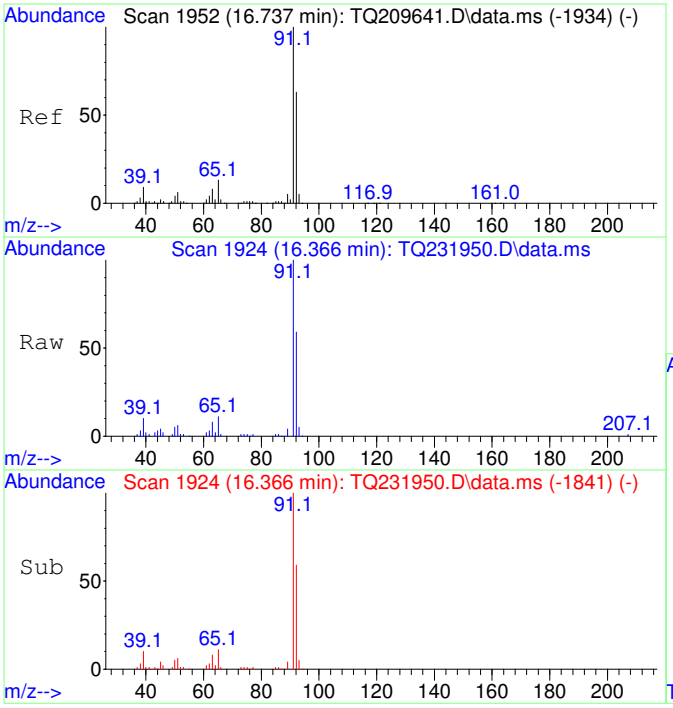


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.519 min Scan# 1457
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion:114 Resp: 1207771

Ion	Ratio	Lower	Upper
114	100		
63	19.8	12.9	26.9
88	16.6	10.7	22.3

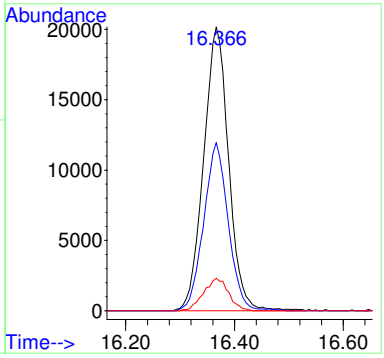


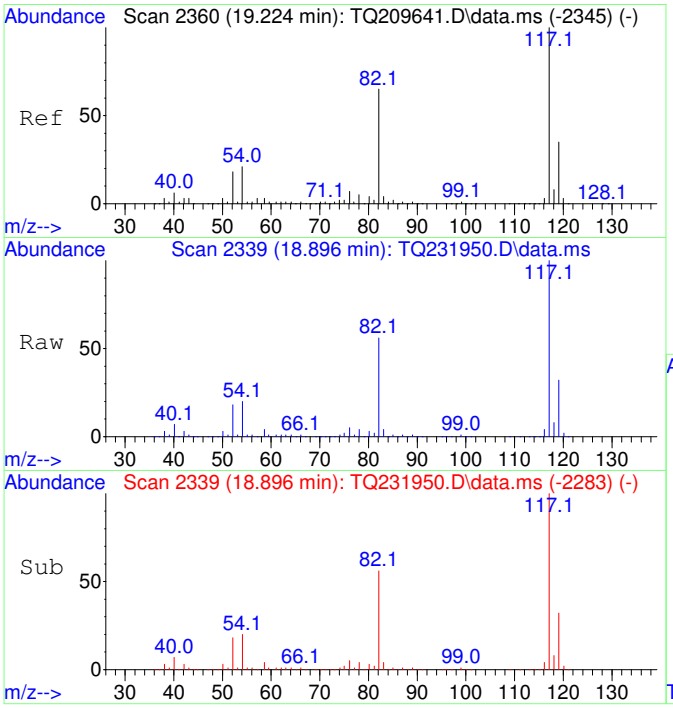


#46
Toluene
Concen: 0.50 ppbv
RT: 16.366 min Scan# 1924
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 91 Resp: 64548

Ion	Ratio	Lower	Upper
91	100		
92	58.1	38.7	80.3
65	11.4	7.5	15.5

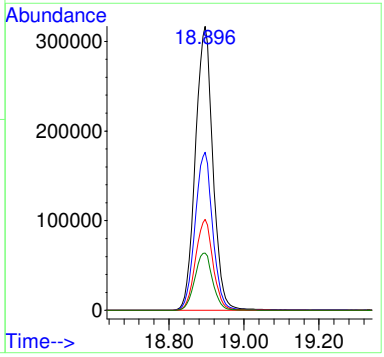


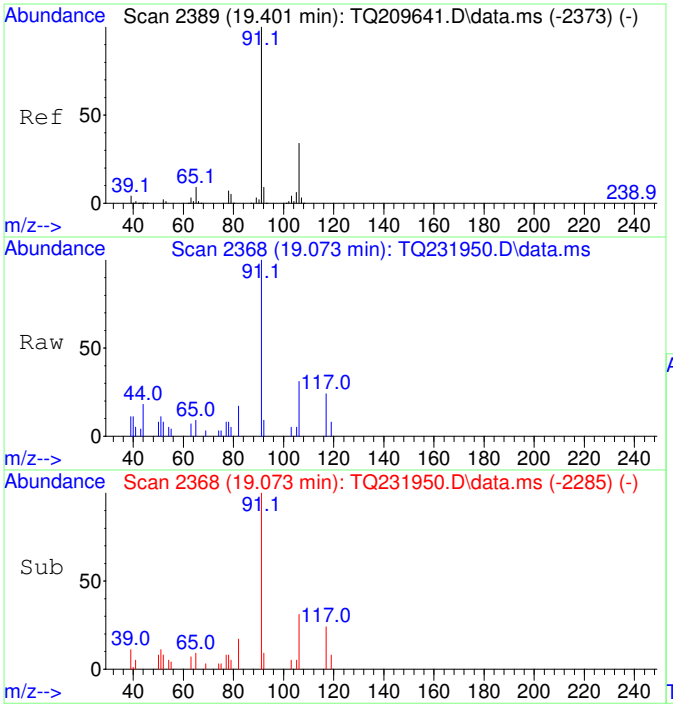


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.896 min Scan# 2339
Delta R.T. 0.012 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion:117 Resp: 1029055

Ion	Ratio	Lower	Upper
117	100		
82	55.9	37.1	77.1
119	32.2	22.1	45.9
54	20.7	13.8	28.6

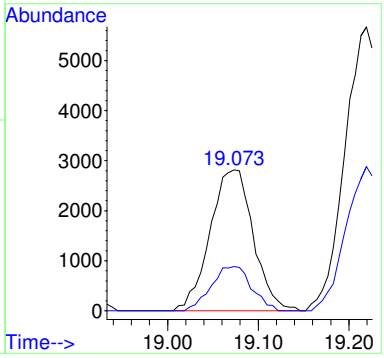


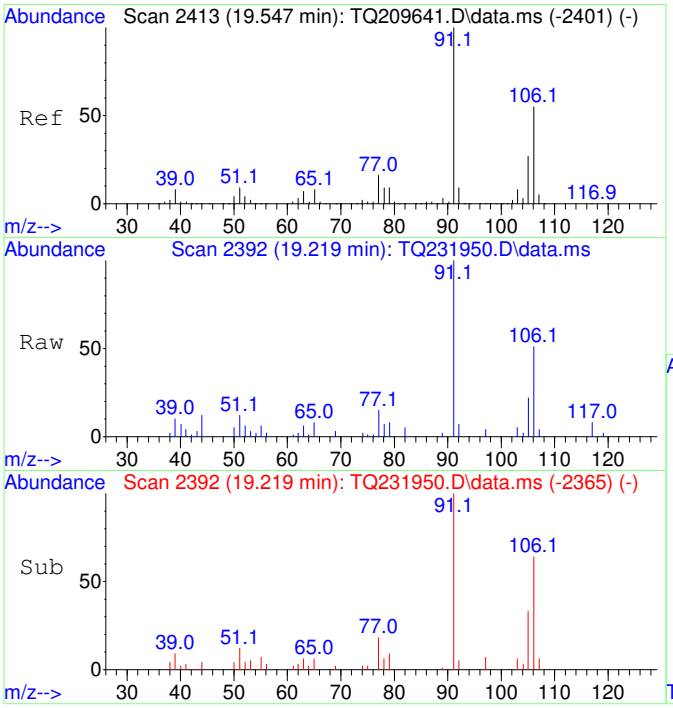


#57
Ethylbenzene
Concen: 0.06 ppbv
RT: 19.073 min Scan# 2368
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 91 Resp: 9353

Ion	Ratio	Lower	Upper
91	100		
106	29.3	20.5	42.7

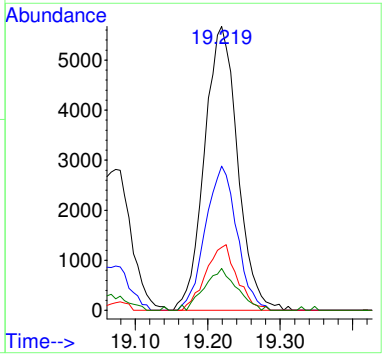


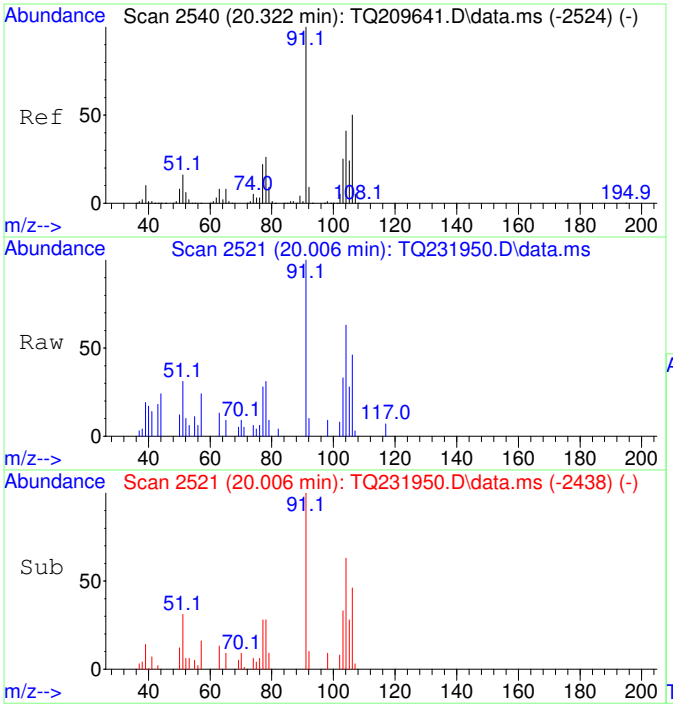


#58
p- & m-Xylenes
Concen: 0.14 ppbv
RT: 19.219 min Scan# 2392
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 91 Resp: 18071

Ion	Ratio	Lower	Upper
91	100		
106	48.3	32.6	67.8
105	21.8	14.5	30.1
77	14.5	8.5	17.7

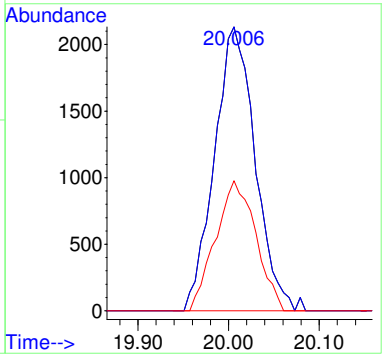


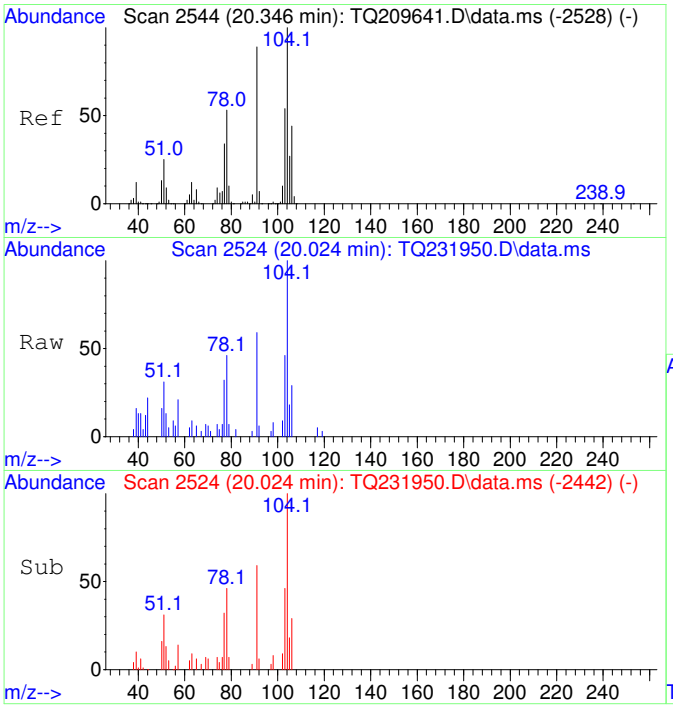


#59
o-Xylene
Concen: 0.05 ppbv
RT: 20.006 min Scan# 2521
Delta R.T. 0.006 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 91 Resp: 6671

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.2	38.2	57.2

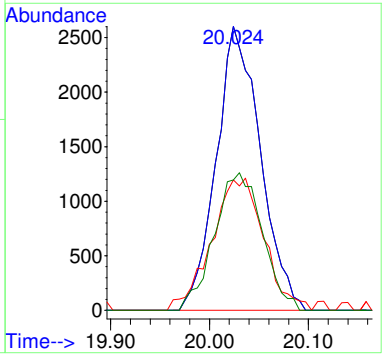


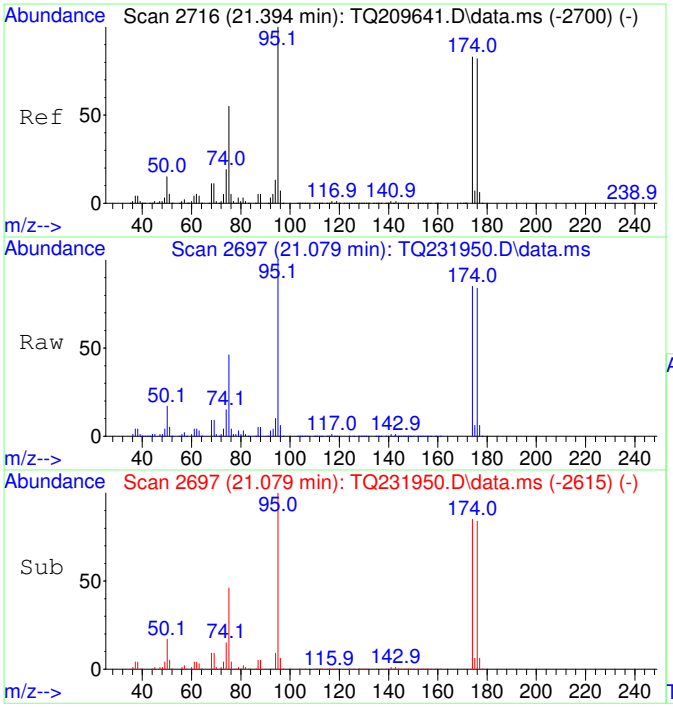


#60
Styrene
Concen: 0.09 ppbv
RT: 20.024 min Scan# 2524
Delta R.T. 0.000 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion:104 Resp: 8088

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	0.0	0.0

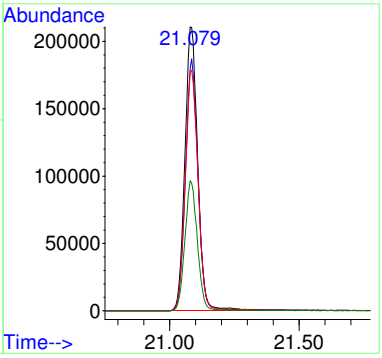




#65
p-Bromofluorobenzene
Concen: 9.21 ppbv
RT: 21.079 min Scan# 2697
Delta R.T. 0.000 min
Lab File: TQ231950.D
Acq: 8 Apr 2025 6:50 pm

Tgt Ion: 95 Resp: 719832

Ion	Ratio	Lower	Upper
95	100		
174	87.4	53.2	110.6
176	85.2	51.6	107.2
75	45.6	30.7	63.7



Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID: 25C1716-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.67	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.45		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.63	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.60	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.65	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.51		ug/m³	0.21	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
78-93-3	**2-Butanone**	1.8		ug/m³	0.27	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.74	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
67-64-1	**Acetone**	28		ug/m³	1.7	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
71-43-2	**Benzene**	0.61		ug/m³	0.29	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.47	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-25-2	Bromoform	ND		ug/m³	0.94	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
56-23-5	**Carbon tetrachloride**	0.40		ug/m³	0.14	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-00-3	Chloroethane	ND		ug/m³	0.24	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR

Sample Information

Client Sample ID: **AI-11 20250326** **York Sample ID:** **25C1716-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.44	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.19	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.77	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
141-78-6	*** Ethyl acetate**	4.8		ug/m³	0.65	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-41-4	**Ethyl Benzene**	0.55		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.97	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
67-63-0	**Isopropanol**	6.8		ug/m³	1.3	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
91-20-3	* Naphthalene	ND		ug/m³	0.95	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
142-82-5	**n-Heptane**	2.4		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
110-54-3	**n-Hexane**	0.51		ug/m³	0.32	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-47-6	**o-Xylene**	0.59		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
179601-23-1	**p- & m- Xylenes**	1.4		ug/m³	0.79	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
115-07-1	* Propylene	ND		ug/m³	0.16	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-42-5	Styrene	ND		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
109-99-9	*** Tetrahydrofuran**	1.2		ug/m³	0.54	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-88-3	**Toluene**	4.2		ug/m³	0.34	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.51	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*105 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231951.D
Acq On : 8 Apr 2025 7:54 pm
Operator : YR
Sample : 25C1716-04
Misc : QBTO2040525A .533X
ALS Vial : 11 Sample Multiplier: 0.908

Quant Time: Apr 09 08:46:47 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

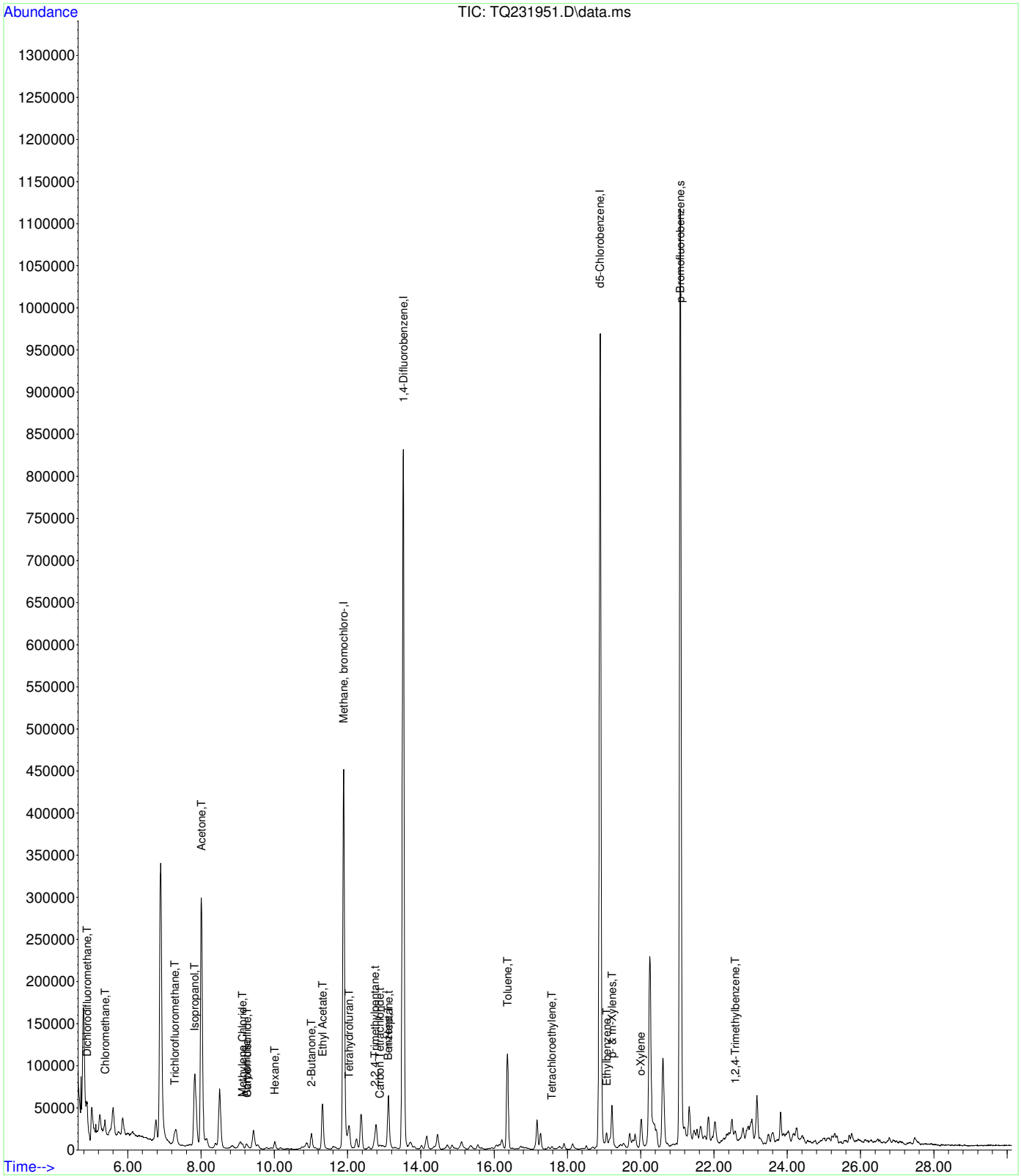
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.892	49	406185	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.519	114	1250282	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1061350	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	780499	9.68	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.887	85	42135	0.54	ppbv	#	97
5) Chloromethane	5.381	50	16782	0.70	ppbv		68
11) Trichlorofluoromethane	7.283	101	19423	0.24	ppbv		99
12) Isopropanol	7.819	45	204093	3.05	ppbv		100
14) Acetone	8.008	43	739392	13.12	ppbv		96
18) Methylene Chloride	9.130	49	5497	0.15	ppbv		97
19) Acrylonitrile	9.234	53	11055	0.47	ppbv	#	61
20) Carbon disulfide	9.258	76	2140	0.02	ppbv	#	60
23) Hexane	10.014	57	7273m	0.16	ppbv		
26) 2-Butanone	11.014	43	44368	0.67	ppbv		96
27) Ethyl Acetate	11.319	43	115170	1.46	ppbv	#	45
30) Tetrahydrofuran	12.032	42	16462	0.44	ppbv	#	56
33) 2,2,4-Trimethylpentane	12.745	57	18706	0.12	ppbv	#	1
34) Carbon Tetrachloride	12.879	117	4645	0.07	ppbv		98
36) Benzene	13.099	78	23475	0.21	ppbv	#	1
37) n-Heptane	13.117	43	40708	0.65	ppbv	#	95
46) Toluene	16.366	91	164624	1.23	ppbv		98
51) Tetrachloroethylene	17.573	166	1709	0.03	ppbv		95
57) Ethylbenzene	19.073	91	23071	0.14	ppbv		98
58) p- & m-Xylenes	19.219	91	46713	0.36	ppbv		97
59) o-Xylene	20.000	91	20081	0.15	ppbv		99
69) 1,2,4-Trimethylbenzene	22.579	105	15377m	0.10	ppbv		

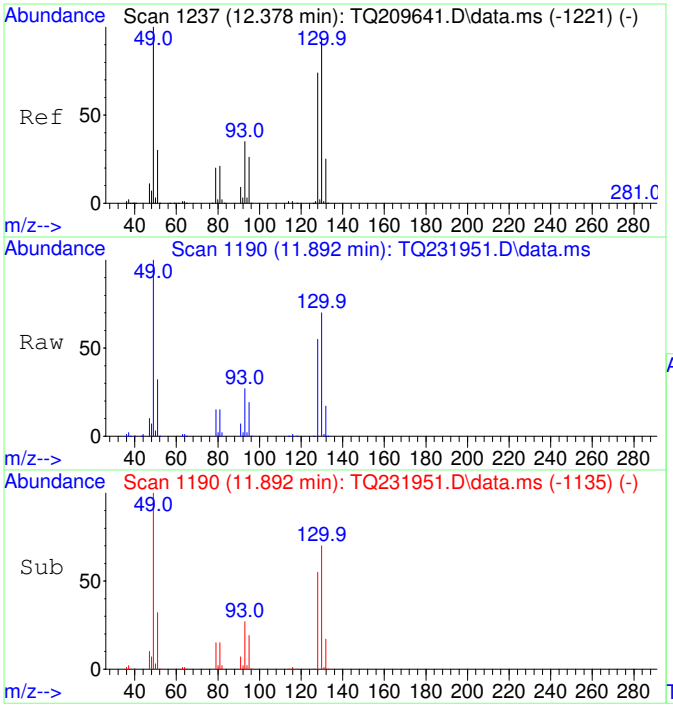
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231951.D
Acq On : 8 Apr 2025 7:54 pm
Operator : YR
Sample : 25C1716-04
Misc : QBTO2040525A .533X
ALS Vial : 11 Sample Multiplier: 0.908

Quant Time: Apr 09 08:46:47 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

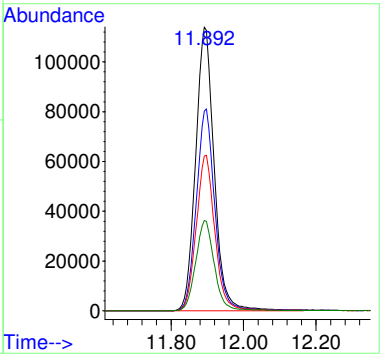


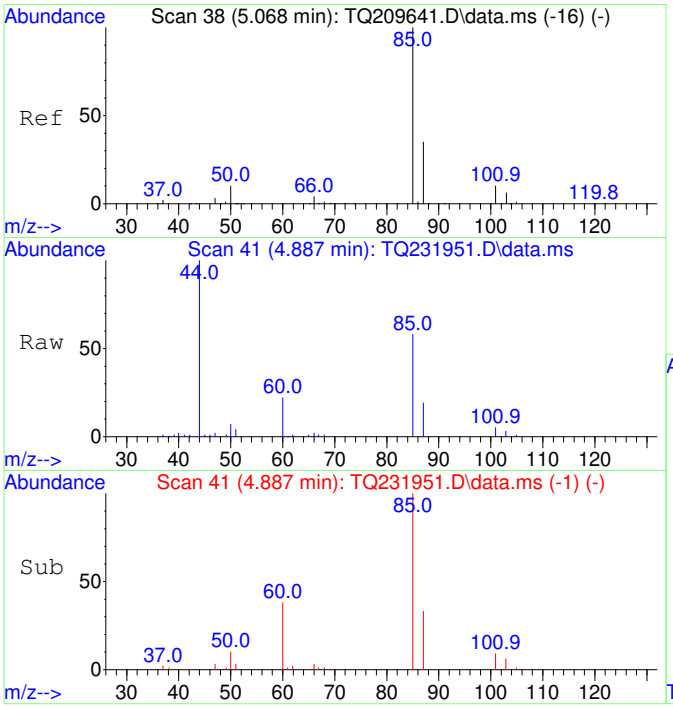


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.892 min Scan# 1190
Delta R.T. 0.007 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 49 Resp: 406185

Ion	Ratio	Lower	Upper
49	100		
130	70.8	48.1	99.9
128	54.5	38.3	79.5
51	32.2	20.3	42.3

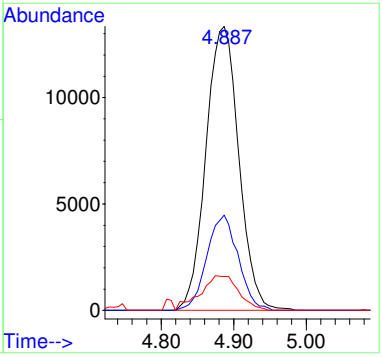


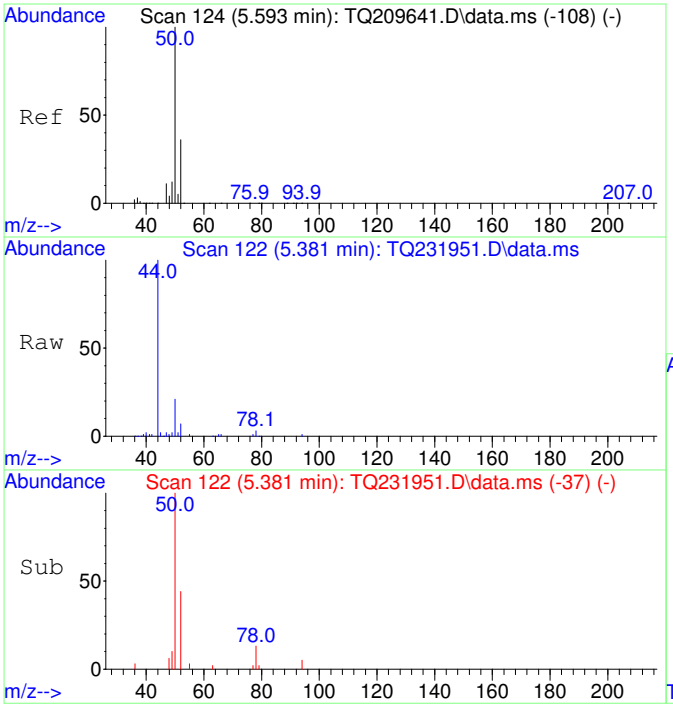


#3
Dichlorodifluoromethane
Concen: 0.54 ppbv
RT: 4.887 min Scan# 41
Delta R.T. 0.012 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 85 Resp: 42135

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.9	43.5
50	15.0	7.2	15.0#

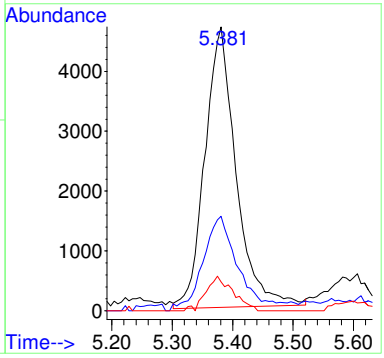


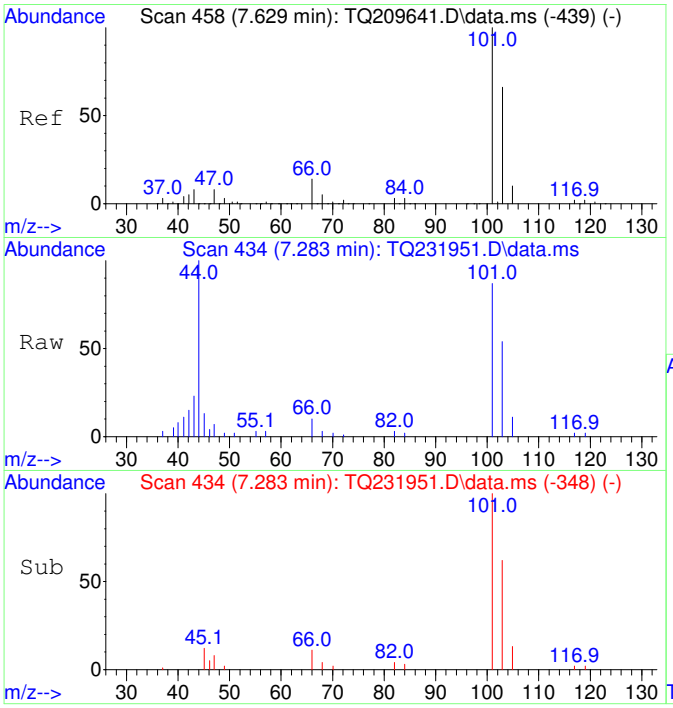


#5
Chloromethane
Concen: 0.70 ppbv
RT: 5.381 min Scan# 122
Delta R.T. 0.018 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 50 Resp: 16782

Ion	Ratio	Lower	Upper
50	100		
52	55.9	0.0	65.2
49	10.8	0.0	19.6

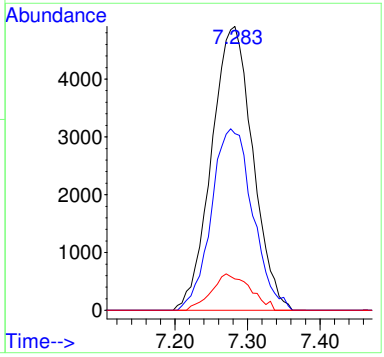


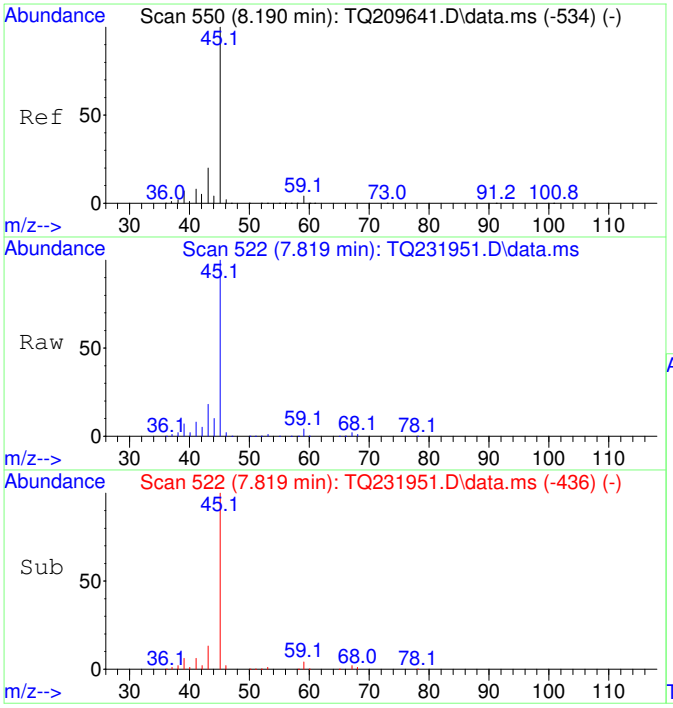


#11
Trichlorofluoromethane
Concen: 0.24 ppbv
RT: 7.283 min Scan# 434
Delta R.T. 0.025 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:101 Resp: 19423

Ion	Ratio	Lower	Upper
101	100		
103	64.3	42.3	87.8
66	12.1	7.8	16.2

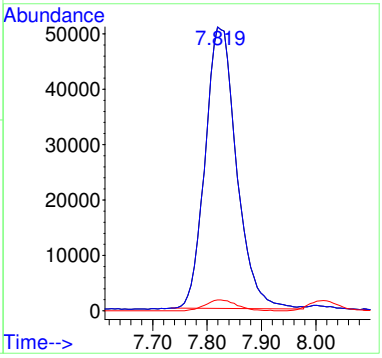


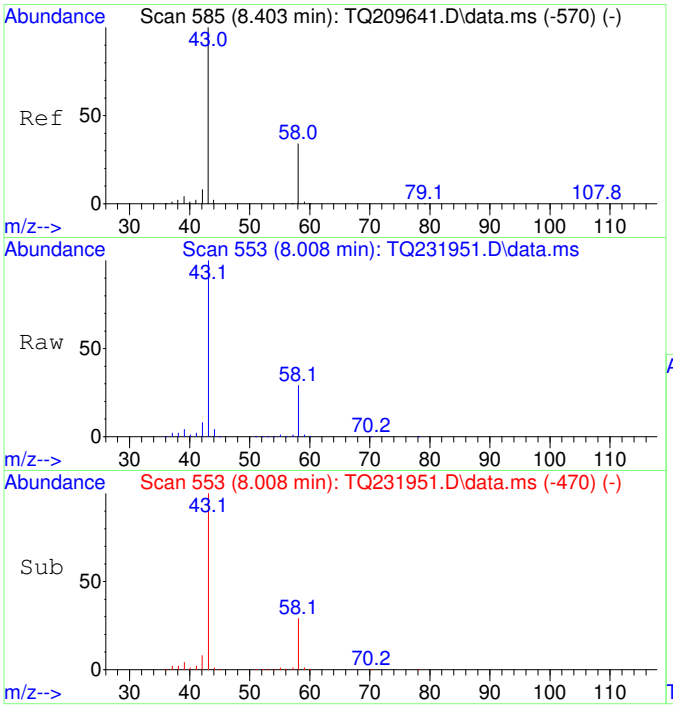


#12
Isopropanol
Concen: 3.05 ppbv
RT: 7.819 min Scan# 522
Delta R.T. 0.024 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 45 Resp: 204093

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

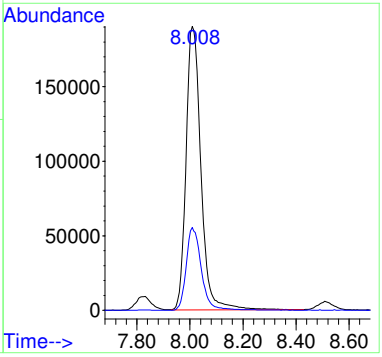


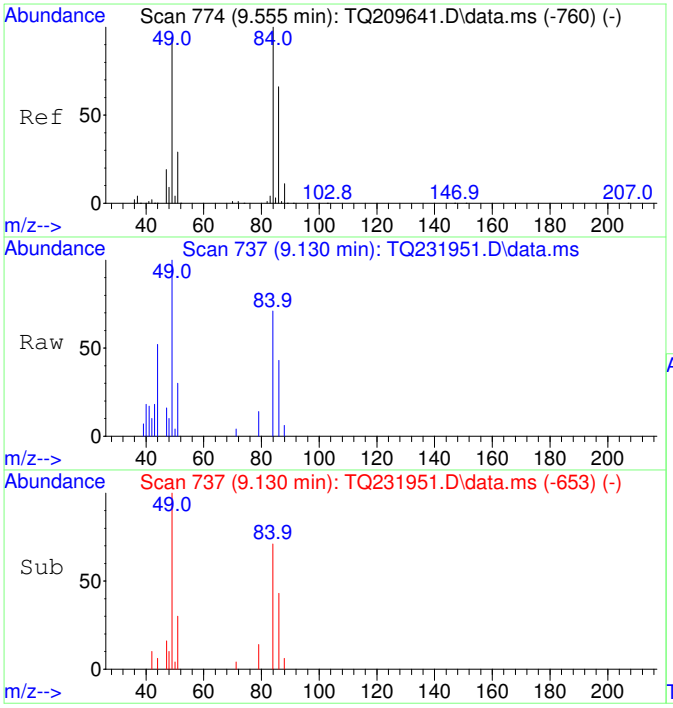


#14
Acetone
Concen: 13.12 ppbv
RT: 8.008 min Scan# 553
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 43 Resp: 739392

Ion	Ratio	Lower	Upper
43	100		
58	30.0	20.9	43.3

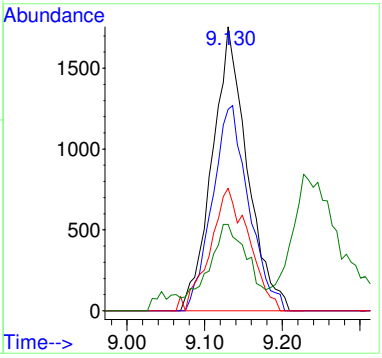


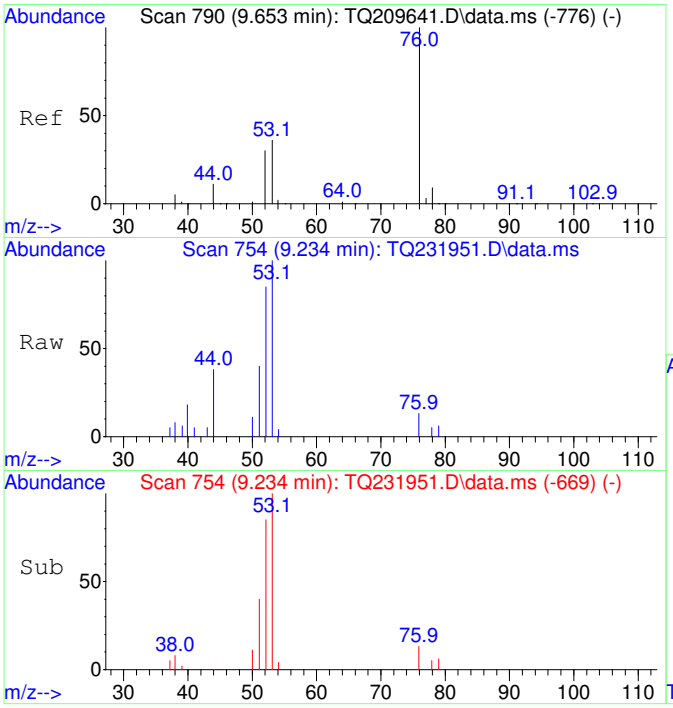


#18
Methylene Chloride
Concen: 0.15 ppbv
RT: 9.130 min Scan# 737
Delta R.T. 0.012 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 49 Resp: 5497

Ion	Ratio	Lower	Upper
49	100		
84	75.4	49.9	103.5
86	48.0	31.8	66.0
51	26.4	20.2	41.9

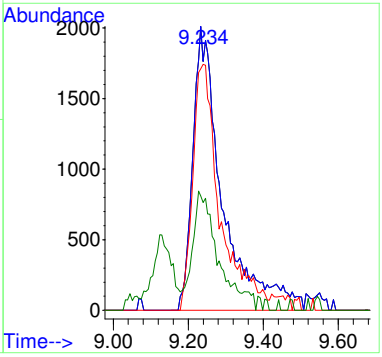


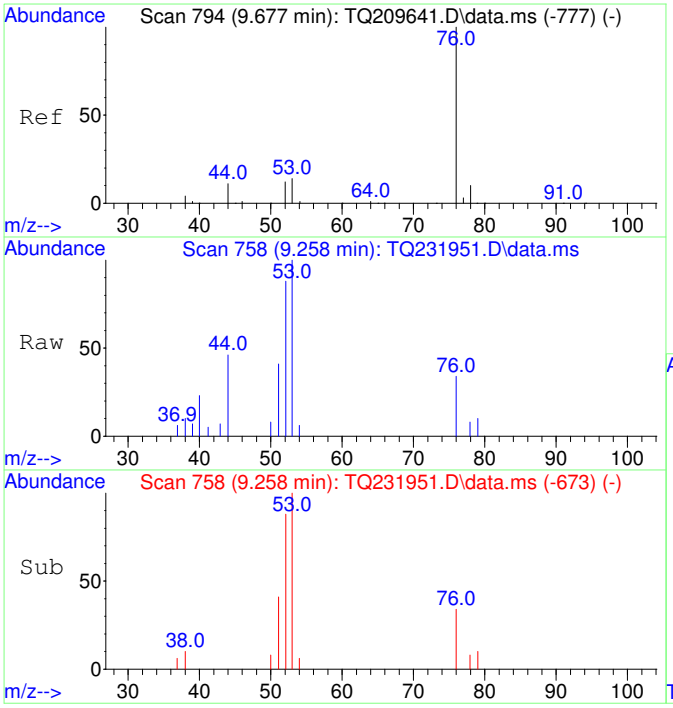


#19
Acrylonitrile
Concen: 0.47 ppbv
RT: 9.234 min Scan# 754
Delta R.T. 0.018 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 53 Resp: 11055

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	48.0	112.0#
51	38.2	15.0	35.0#

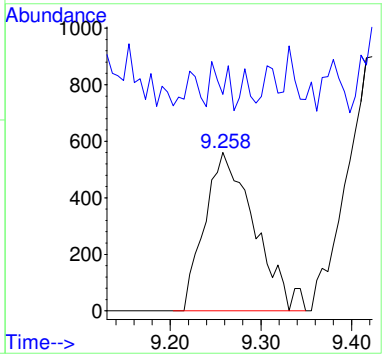


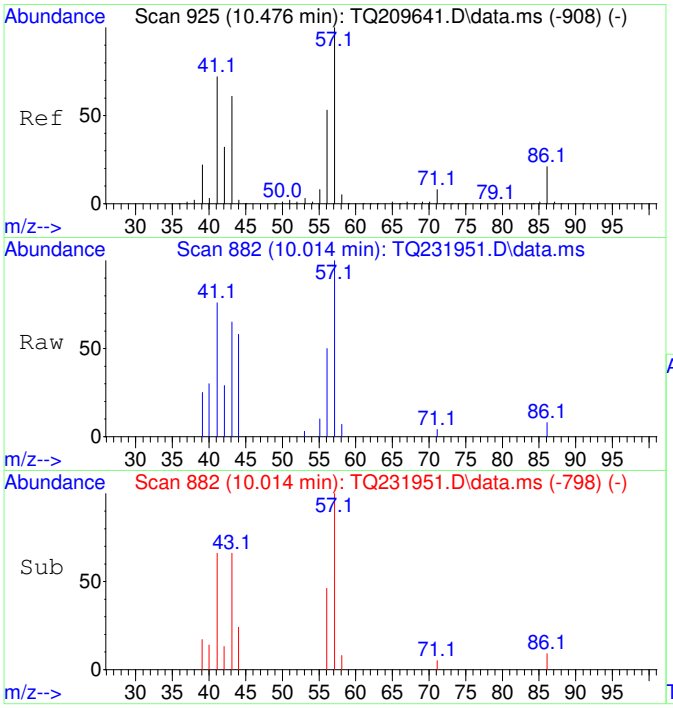


#20
Carbon disulfide
Concen: 0.02 ppbv
RT: 9.258 min Scan# 758
Delta R.T. 0.018 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 76 Resp: 2140

Ion	Ratio	Lower	Upper
76	100		
44	28.5	8.3	17.3#

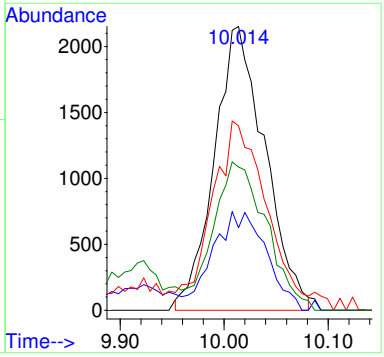


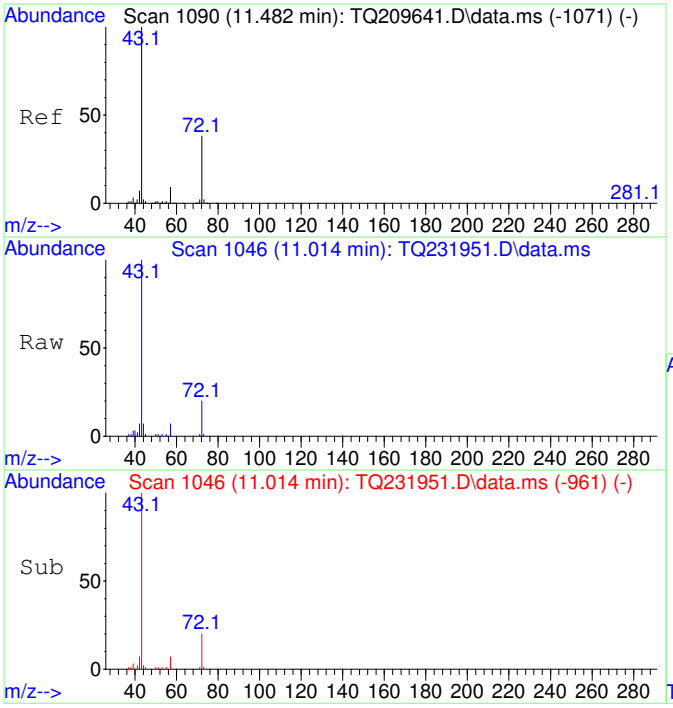


#23
Hexane
Concen: 0.16 ppbv m
RT: 10.014 min Scan# 882
Delta R.T. 0.012 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 57 Resp: 7273

Ion	Ratio	Lower	Upper
57	100		
42	0.0	21.6	45.0#
43	0.0	42.0	87.2#
56	0.0	33.3	69.1#

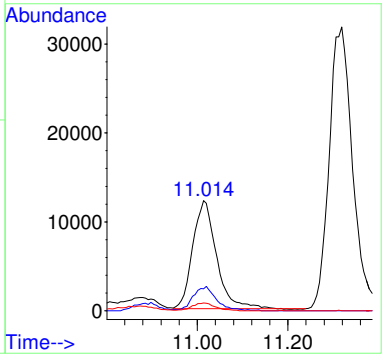


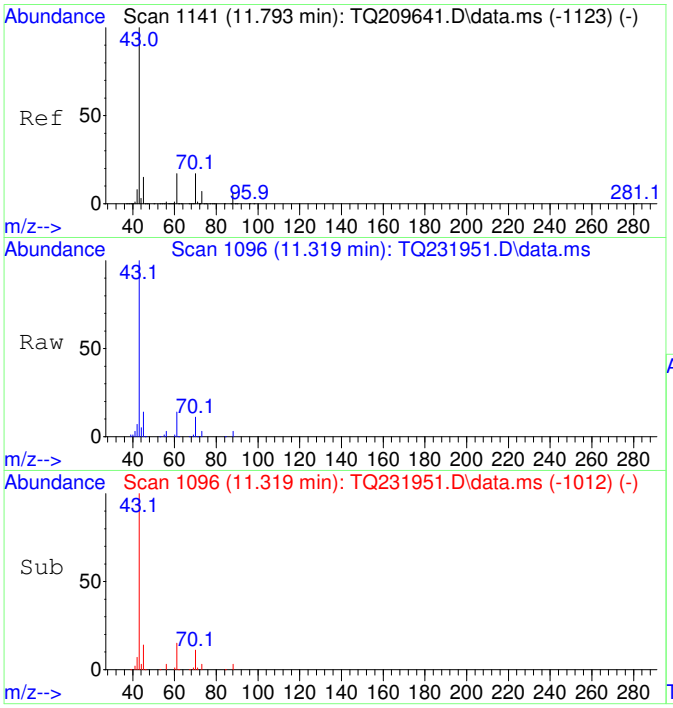


#26
2-Butanone
Concen: 0.67 ppbv
RT: 11.014 min Scan# 1046
Delta R.T. 0.018 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 43 Resp: 44368

Ion	Ratio	Lower	Upper
43	100		
72	22.1	16.1	33.5
57	7.3	4.9	10.3

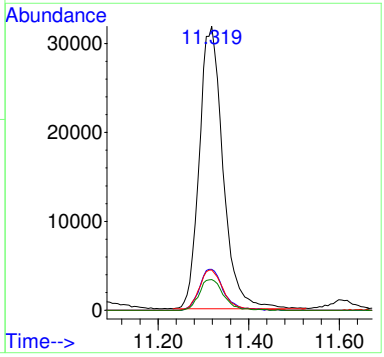


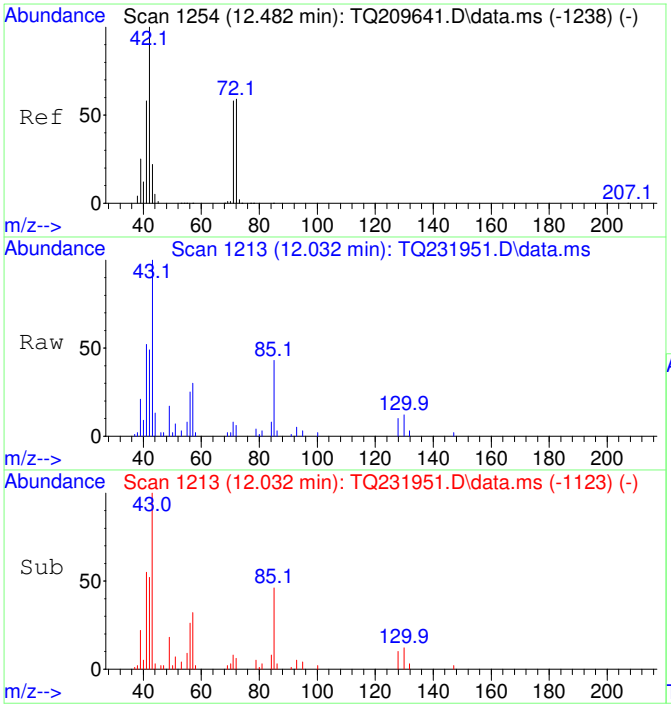


#27
Ethyl Acetate
Concen: 1.46 ppbv
RT: 11.319 min Scan# 1096
Delta R.T. 0.012 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 43 Resp: 115170

Ion	Ratio	Lower	Upper
43	100		
61	14.9	51.4	106.8#
45	14.8	9.4	19.6
70	11.2	7.5	15.5

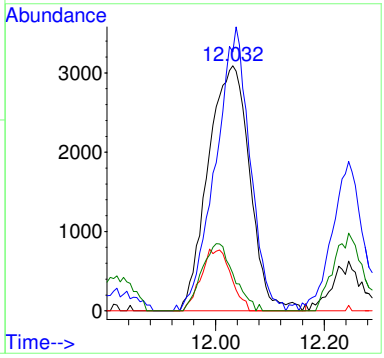


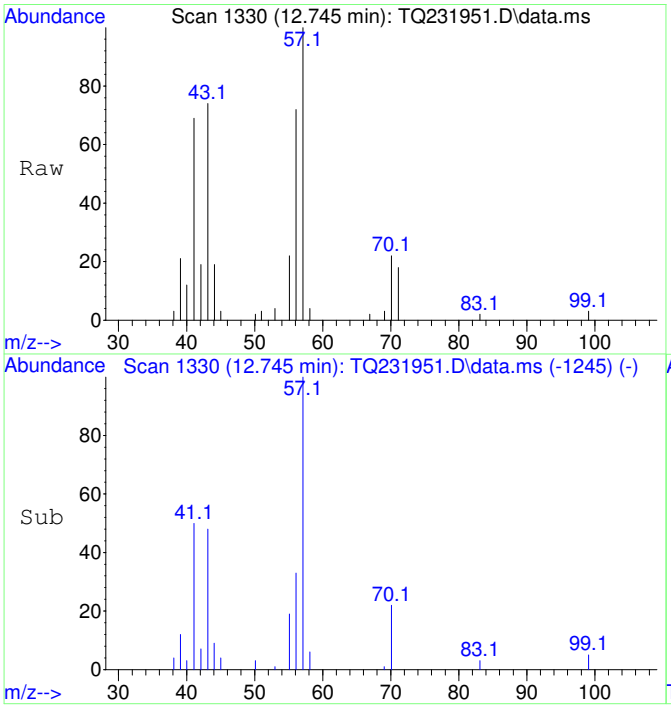


#30
Tetrahydrofuran
Concen: 0.44 ppbv
RT: 12.032 min Scan# 1213
Delta R.T. 0.049 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 42 Resp: 16462

Ion	Ratio	Lower	Upper
42	100		
41	96.2	35.2	73.0#
72	18.0	27.2	56.6#
71	21.1	25.9	53.7#

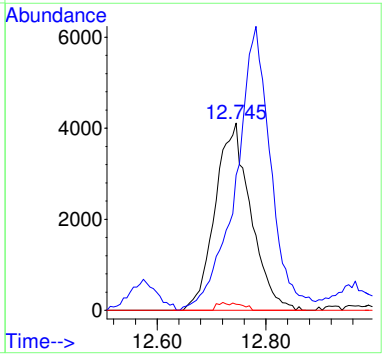


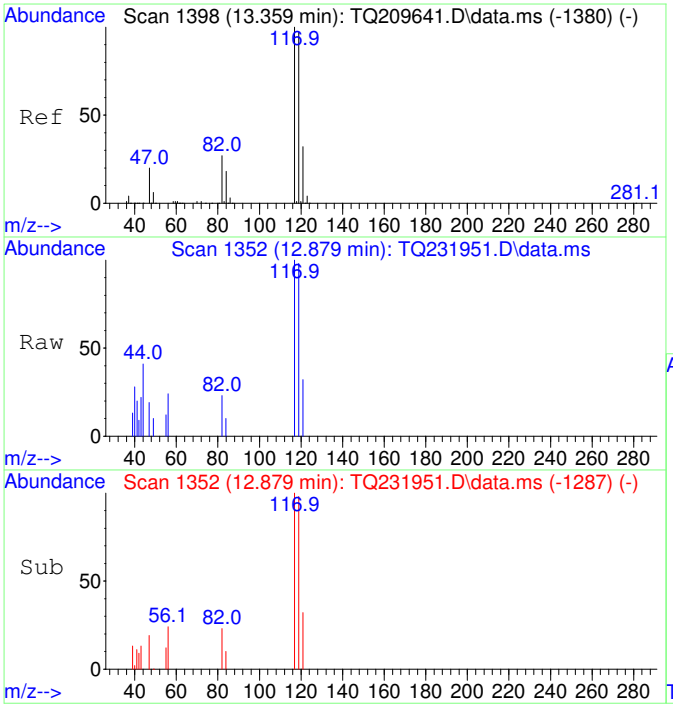


#33
2,2,4-Trimethylpentane
Concen: 0.12 ppbv
RT: 12.745 min Scan# 1330
Delta R.T. 0.018 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 57 Resp: 18706

Ion	Ratio	Lower	Upper
57	100		
56	150.4	24.5	45.5#
99	2.7	3.5	6.5#

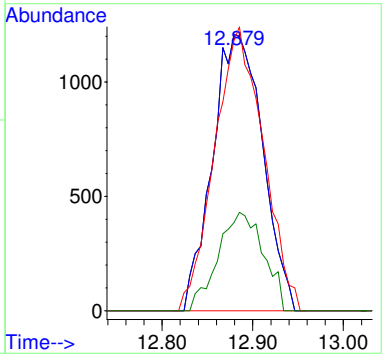


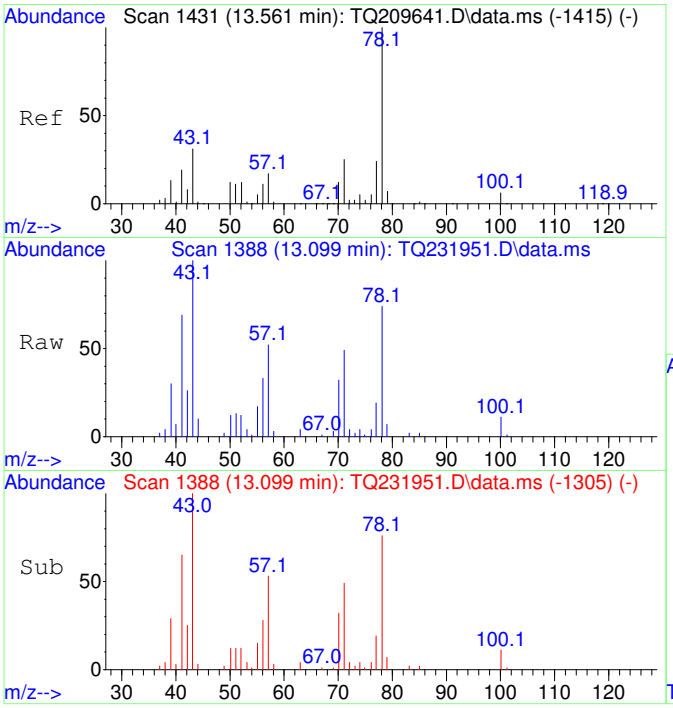


#34
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 12.879 min Scan# 1352
Delta R.T. -0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:117 Resp: 4645

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	99.6	76.9	115.3
121	32.4	21.7	40.3

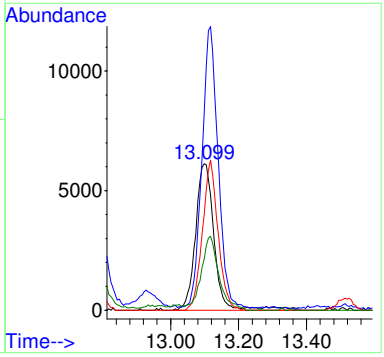


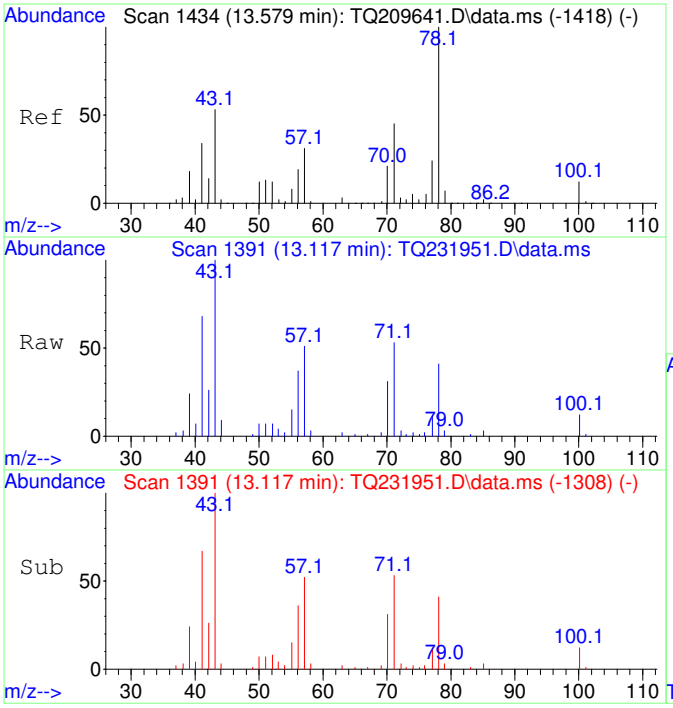


#36
Benzene
Concen: 0.21 ppbv
RT: 13.099 min Scan# 1388
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 78 Resp: 23475

Ion	Ratio	Lower	Upper
78	100		
43	168.7	37.5	77.9#
71	85.1	22.0	45.8#
42	47.4	8.8	18.4#

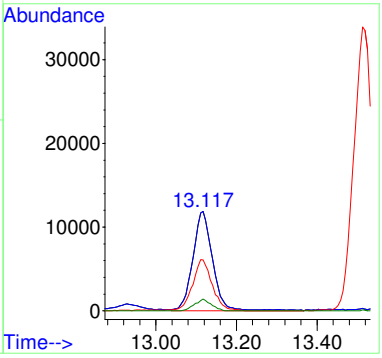


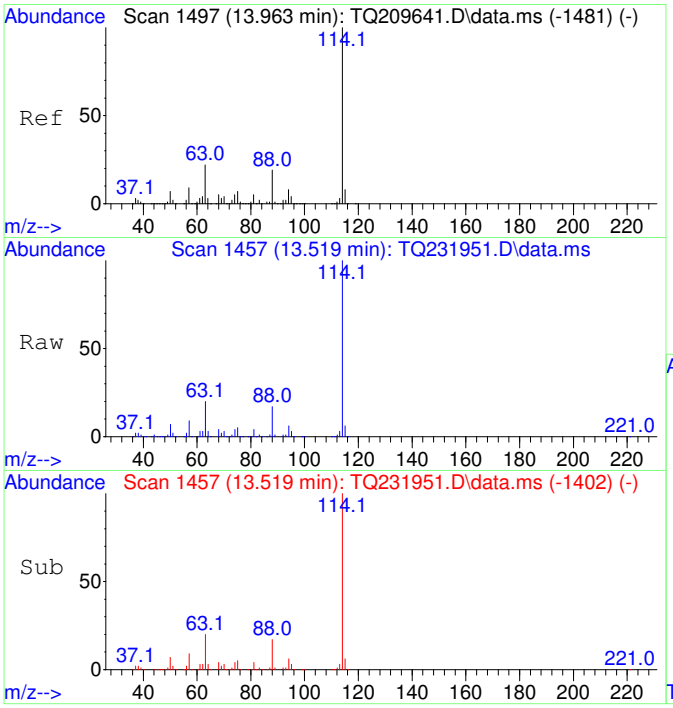


#37
n-Heptane
Concen: 0.65 ppbv
RT: 13.117 min Scan# 1391
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 43 Resp: 40708

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	50.6	42.6	64.0
100	0.0	13.3	19.9#

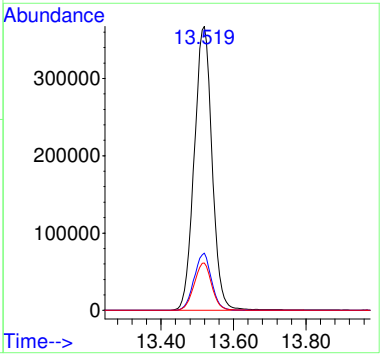


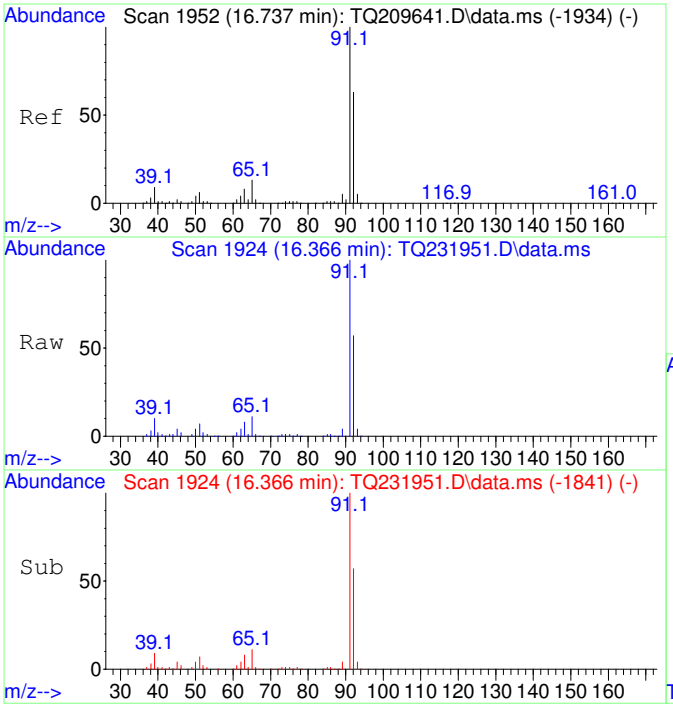


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.519 min Scan# 1457
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:114 Resp: 1250282

Ion	Ratio	Lower	Upper
114	100		
63	19.8	12.9	26.9
88	16.6	10.7	22.3

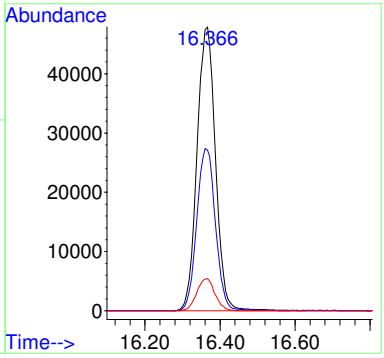


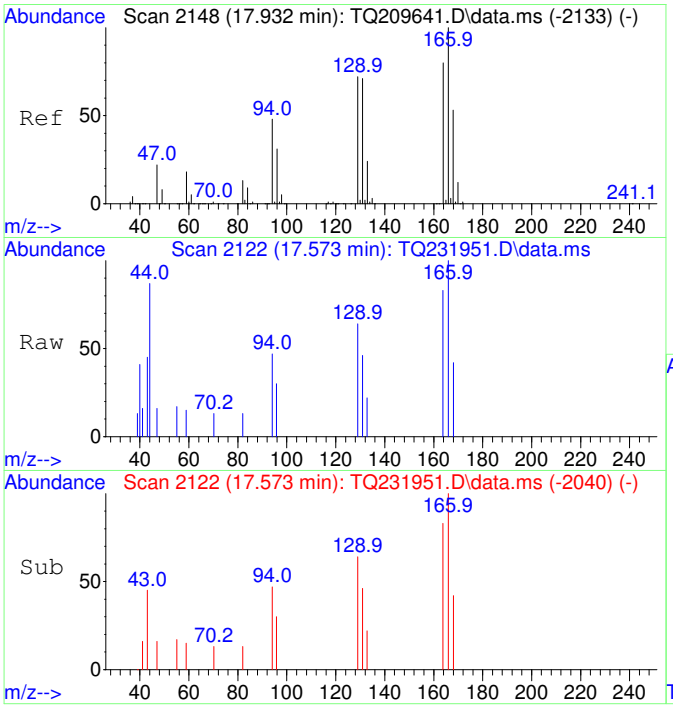


#46
Toluene
Concen: 1.23 ppbv
RT: 16.366 min Scan# 1924
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 91 Resp: 164624

Ion	Ratio	Lower	Upper
91	100		
92	57.8	38.7	80.3
65	11.2	7.5	15.5

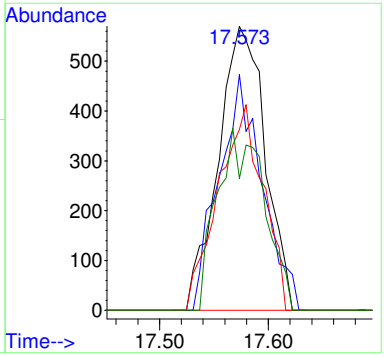


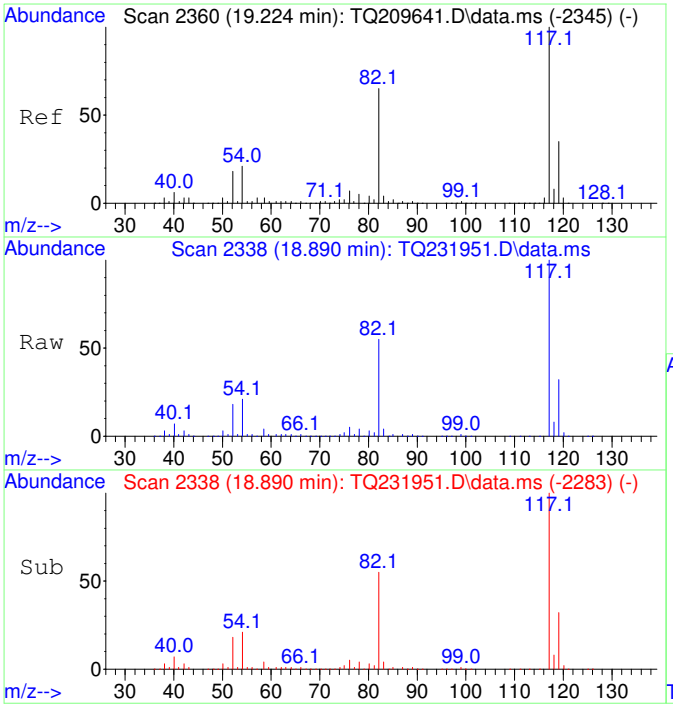


#51
Tetrachloroethylene
Concen: 0.03 ppbv
RT: 17.573 min Scan# 2122
Delta R.T. 0.000 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:166 Resp: 1709

Ion	Ratio	Lower	Upper
166	100		
164	76.7	51.0	106.0
129	69.7	48.1	99.9
131	64.2	46.3	96.3

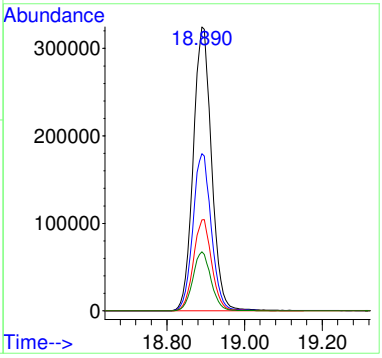


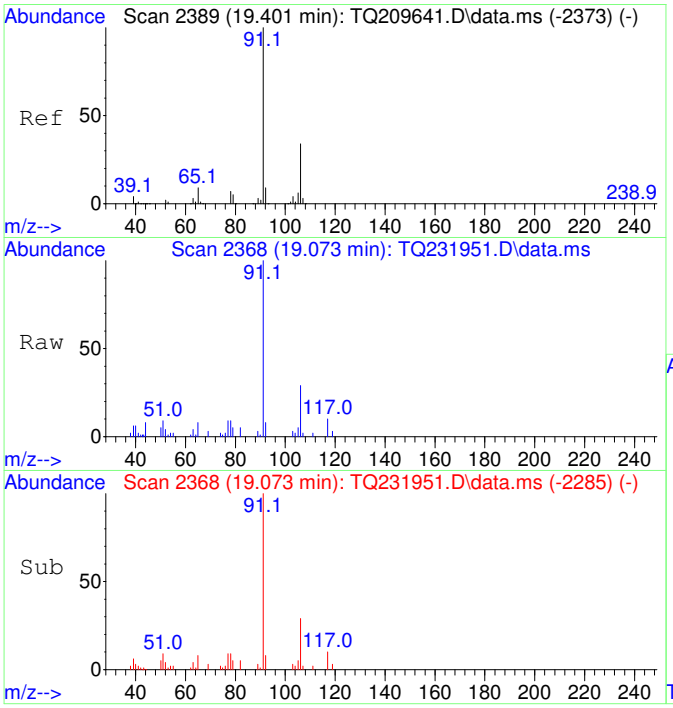


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.890 min Scan# 2338
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:117 Resp: 1061350

Ion	Ratio	Lower	Upper
117	100		
82	55.8	37.1	77.1
119	32.1	22.1	45.9
54	20.6	13.8	28.6

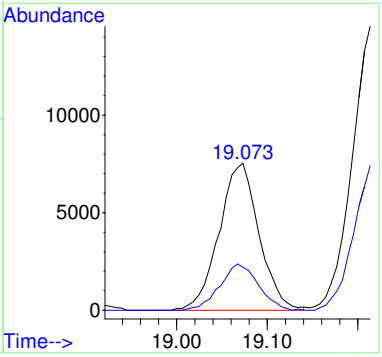


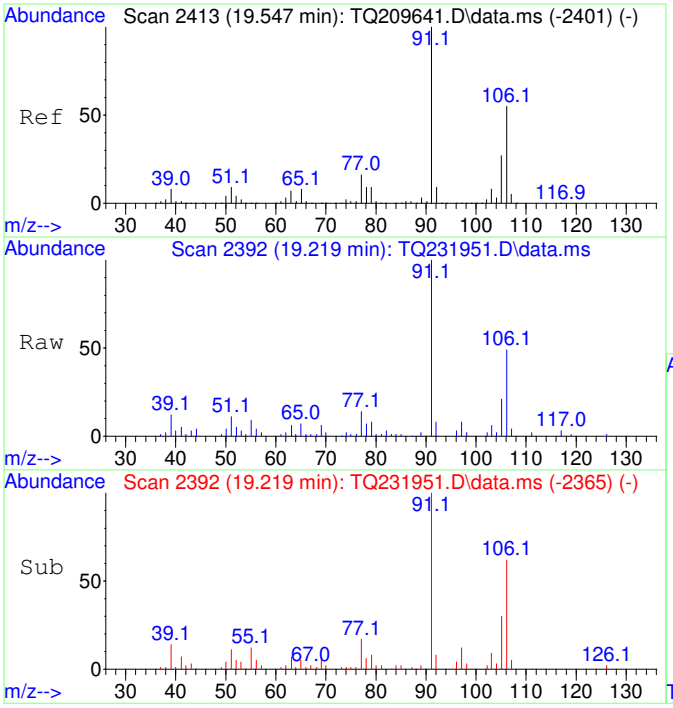


#57
Ethylbenzene
Concen: 0.14 ppbv
RT: 19.073 min Scan# 2368
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 91 Resp: 23071

Ion	Ratio	Lower	Upper
91	100		
106	30.4	20.5	42.7

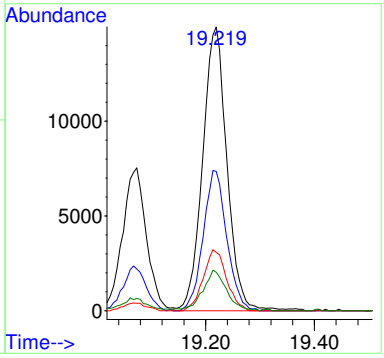


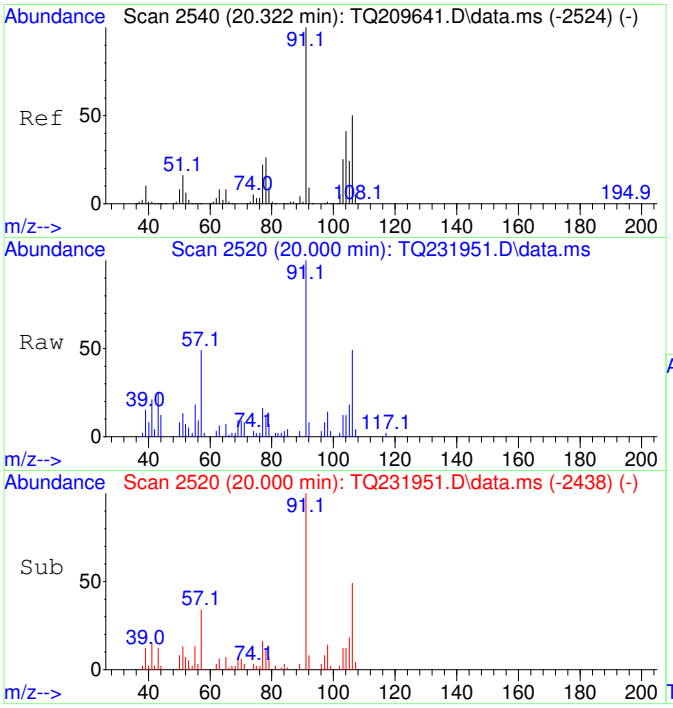


#58
p- & m-Xylenes
Concen: 0.36 ppbv
RT: 19.219 min Scan# 2392
Delta R.T. 0.006 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 91 Resp: 46713

Ion	Ratio	Lower	Upper
91	100		
106	47.9	32.6	67.8
105	20.6	14.5	30.1
77	14.1	8.5	17.7

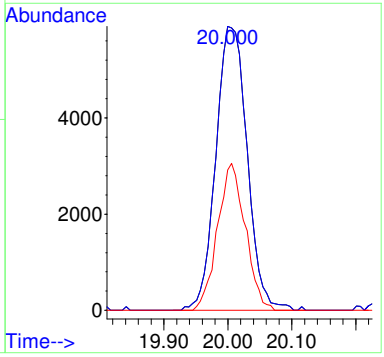


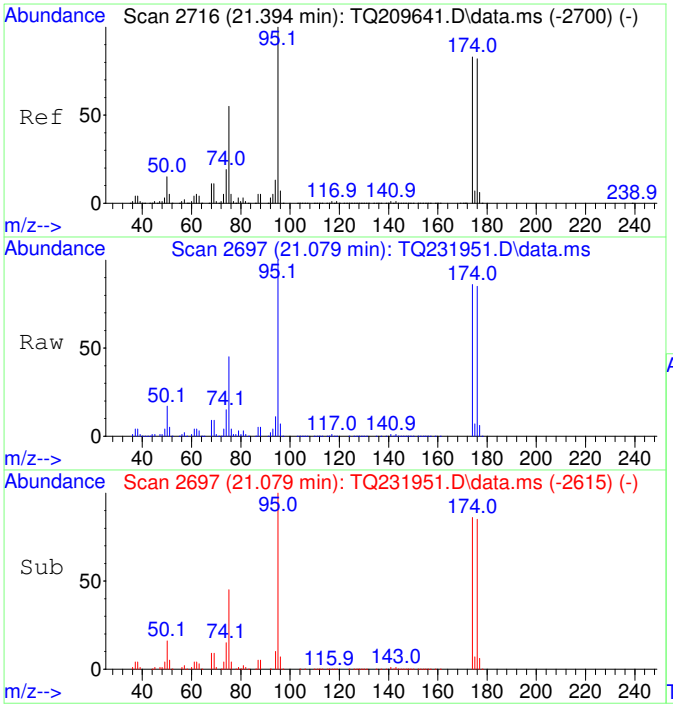


#59
o-Xylene
Concen: 0.15 ppbv
RT: 20.000 min Scan# 2520
Delta R.T. 0.000 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 91 Resp: 20081

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.8	38.2	57.2

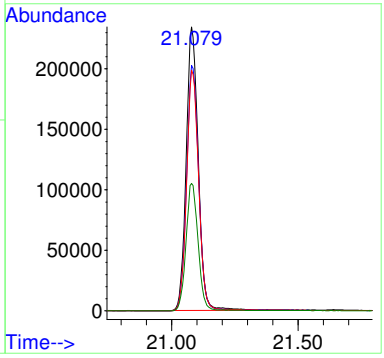


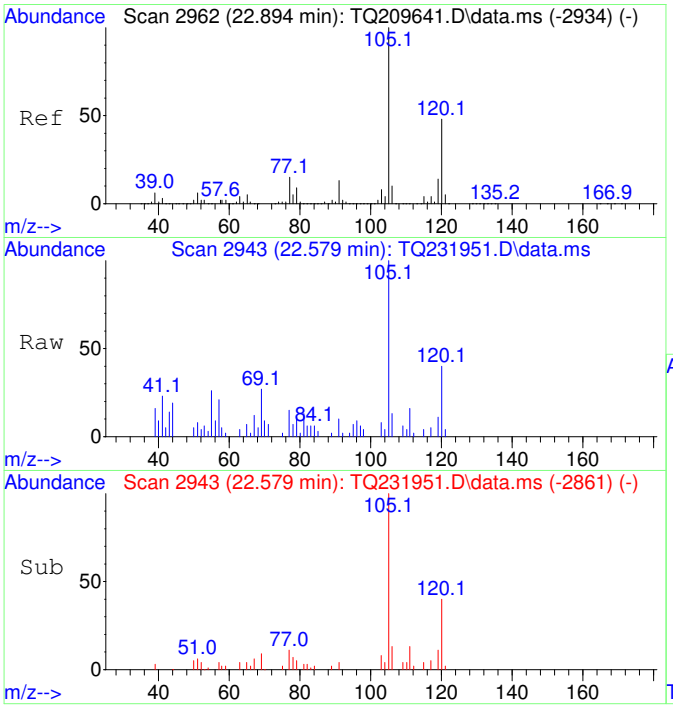


#65
p-Bromofluorobenzene
Concen: 9.68 ppbv
RT: 21.079 min Scan# 2697
Delta R.T. 0.000 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion: 95 Resp: 780499

Ion	Ratio	Lower	Upper
95	100		
174	86.5	53.2	110.6
176	84.2	51.6	107.2
75	45.6	30.7	63.7

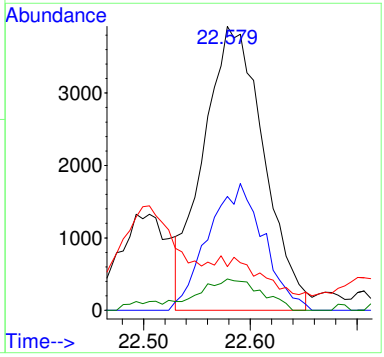




#69
1,2,4-Trimethylbenzene
Concen: 0.10 ppbv m
RT: 22.579 min Scan# 2943
Delta R.T. 0.000 min
Lab File: TQ231951.D
Acq: 8 Apr 2025 7:54 pm

Tgt Ion:105 Resp: 15377

Ion	Ratio	Lower	Upper
105	100		
120	0.0	30.2	62.6#
77	0.0	8.1	16.9#
119	0.0	7.8	16.2#



Sample Information

Client Sample ID: **AI-12 20250326** **York Sample ID:** **25C1716-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.61		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-46-7	**1,4-Dichlorobenzene**	0.81		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.22	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
78-93-3	**2-Butanone**	2.1		ug/m³	0.28	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
67-64-1	**Acetone**	59		ug/m³	1.8	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.7	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
71-43-2	**Benzene**	0.52		ug/m³	0.31	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-25-2	Bromoform	ND		ug/m³	0.99	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-83-9	Bromomethane	ND		ug/m³	0.37	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
56-23-5	**Carbon tetrachloride**	0.42		ug/m³	0.15	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR

Sample Information

Client Sample ID: **AI-12 20250326** **York Sample ID:** **25C1716-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.2		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-87-3	**Chloromethane**	1.4		ug/m³	0.20	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
141-78-6	*** Ethyl acetate**	6.2		ug/m³	0.69	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
67-63-0	**Isopropanol**	52		ug/m³	1.4	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
142-82-5	**n-Heptane**	1.8		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
110-54-3	**n-Hexane**	0.41		ug/m³	0.34	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-47-6	**o-Xylene**	0.46		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.83	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
115-07-1	* Propylene	ND		ug/m³	0.16	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-42-5	**Styrene**	0.86		ug/m³	0.41	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
109-99-9	*** Tetrahydrofuran**	1.0		ug/m³	0.57	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-88-3	**Toluene**	4.5		ug/m³	0.36	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.54	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*99.1 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231952.D
Acq On : 8 Apr 2025 8:58 pm
Operator : YR
Sample : 25C1716-05
Misc : QBTO2040525A .533X
ALS Vial : 12 Sample Multiplier: 0.958

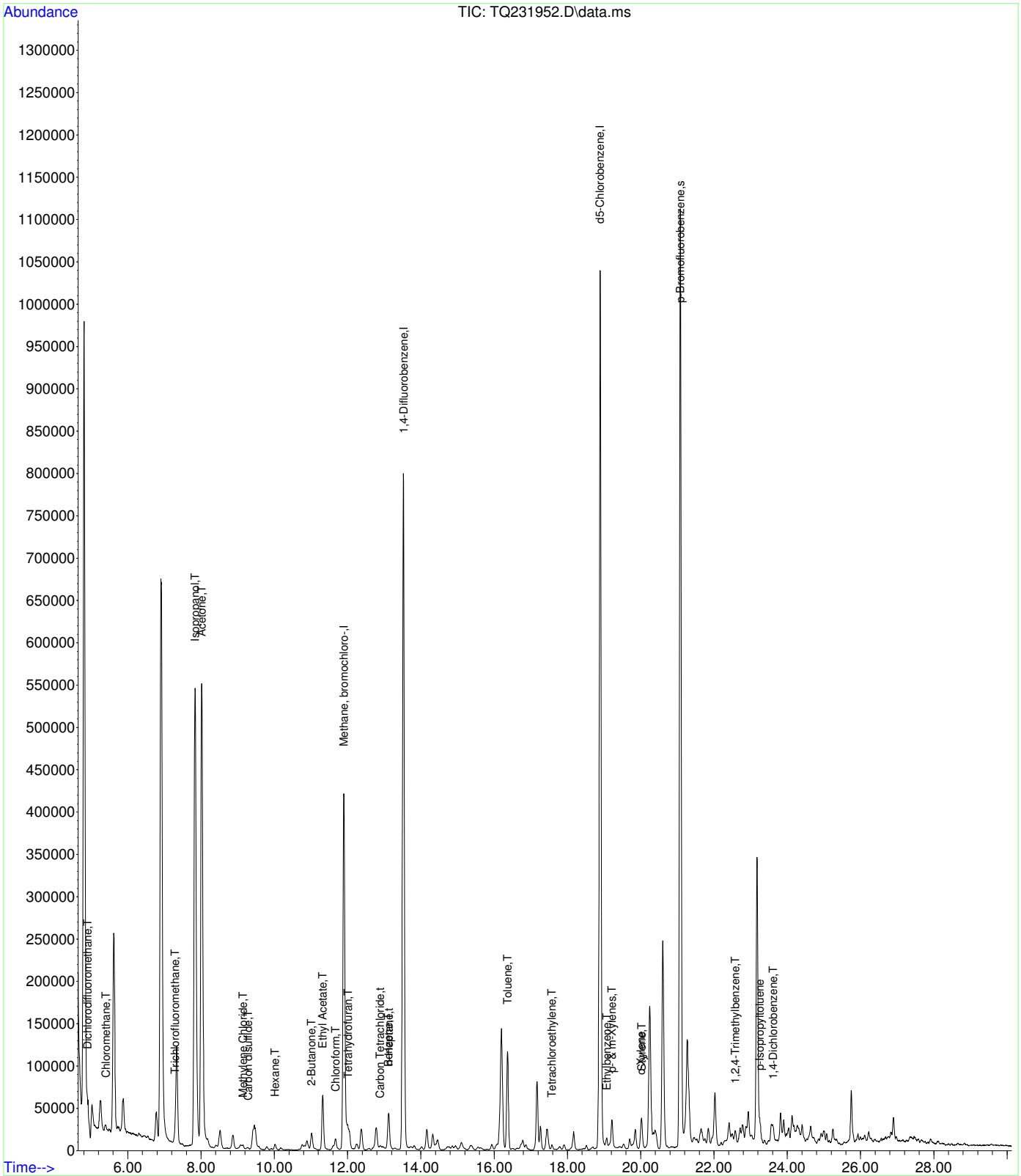
Quant Time: Apr 09 08:46:50 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

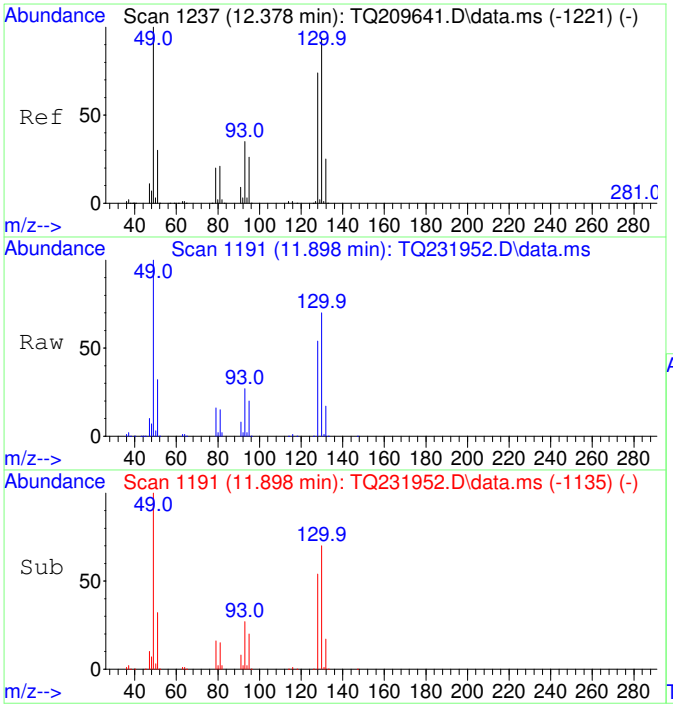
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.898	49	390988	10.00	ppbv		0.01
38) 1,4-Difluorobenzene	13.525	114	1184703	10.00	ppbv		0.01
54) d5-Chlorobenzene	18.890	117	1084325	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	777243	9.43	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.30%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.899	85	37550	0.50	ppbv		97
5) Chloromethane	5.399	50	16869	0.73	ppbv		90
11) Trichlorofluoromethane	7.289	101	18352	0.24	ppbv		97
12) Isopropanol	7.837	45	1424372	22.08	ppbv		100
14) Acetone	8.020	43	1408364	25.96	ppbv		95
18) Methylene Chloride	9.142	49	5092	0.15	ppbv	#	93
20) Carbon disulfide	9.282	76	4024	0.04	ppbv	#	45
23) Hexane	10.020	57	5490	0.12	ppbv		92
26) 2-Butanone	11.014	43	48003	0.76	ppbv		95
27) Ethyl Acetate	11.319	43	136006	1.79	ppbv	#	45
29) Chloroform	11.666	83	17976	0.26	ppbv		99
30) Tetrahydrofuran	12.007	42	13004	0.36	ppbv	#	64
34) Carbon Tetrachloride	12.885	117	4699	0.07	ppbv		99
36) Benzene	13.111	78	18889	0.17	ppbv	#	5
37) n-Heptane	13.123	43	27161	0.45	ppbv	#	75
46) Toluene	16.366	91	160031	1.26	ppbv		98
51) Tetrachloroethylene	17.573	166	3121	0.05	ppbv		98
57) Ethylbenzene	19.073	91	16169	0.09	ppbv		97
58) p- & m-Xylenes	19.213	91	33239	0.25	ppbv		97
59) o-Xylene	20.006	91	14268	0.11	ppbv		99
60) Styrene	20.024	104	20558	0.21	ppbv	#	100
69) 1,2,4-Trimethylbenzene	22.578	105	19006	0.13	ppbv	#	89
71) p-Isopropyltoluene	23.249	119	31969	0.19	ppbv	#	88
73) 1,4-Dichlorobenzene	23.615	146	13783	0.14	ppbv	#	83

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231952.D
Acq On : 8 Apr 2025 8:58 pm
Operator : YR
Sample : 25C1716-05
Misc : QBTO2040525A .533X
ALS Vial : 12 Sample Multiplier: 0.958

Quant Time: Apr 09 08:46:50 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

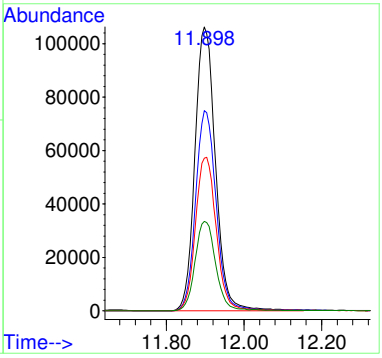


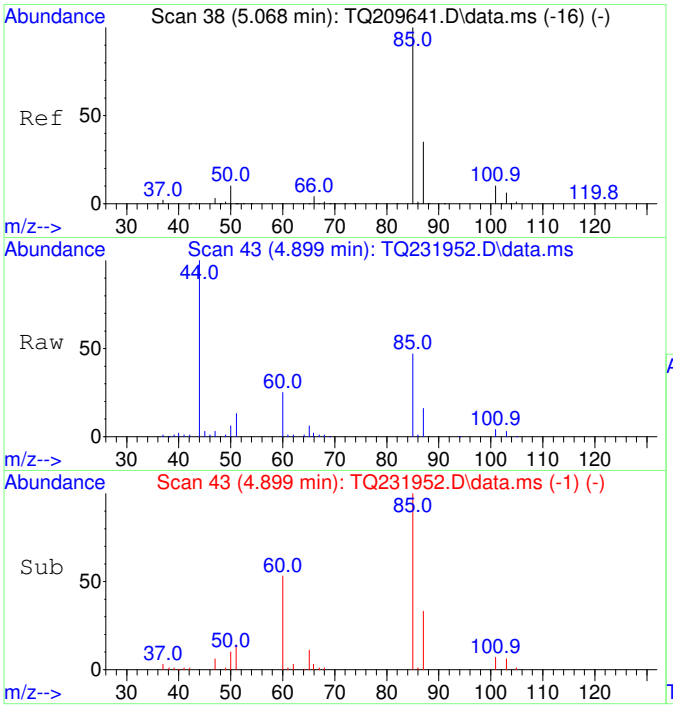


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.898 min Scan# 1191
Delta R.T. 0.013 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 49 Resp: 390988

Ion	Ratio	Lower	Upper
49	100		
130	71.0	48.1	99.9
128	55.0	38.3	79.5
51	31.6	20.3	42.3

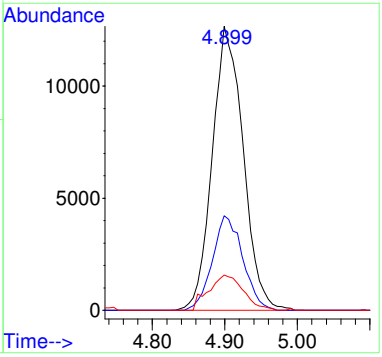


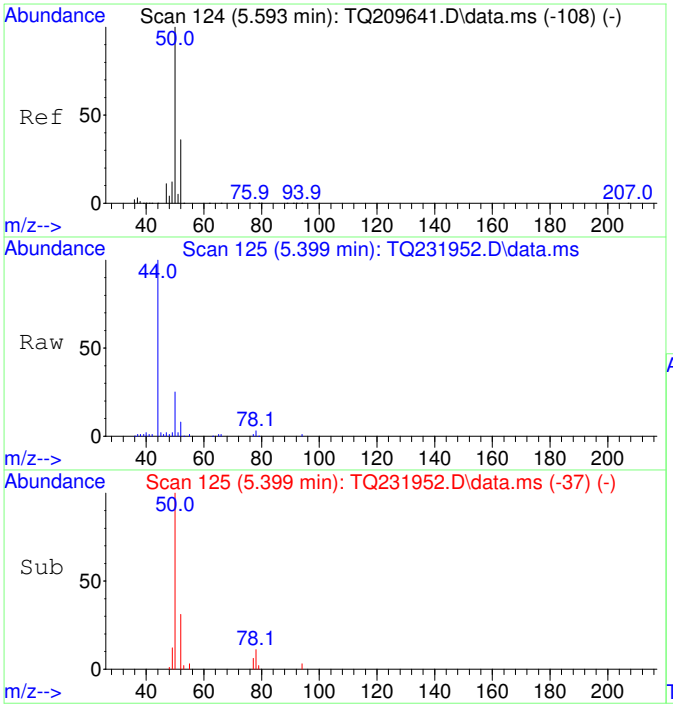


#3
Dichlorodifluoromethane
Concen: 0.50 ppbv
RT: 4.899 min Scan# 43
Delta R.T. 0.025 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 85 Resp: 37550

Ion	Ratio	Lower	Upper
85	100		
87	32.7	20.9	43.5
50	13.9	7.2	15.0

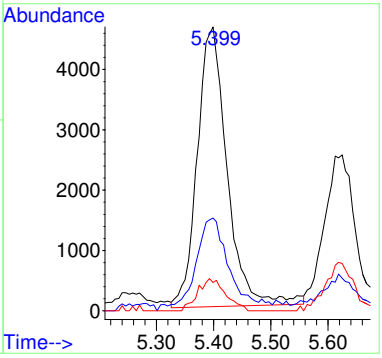


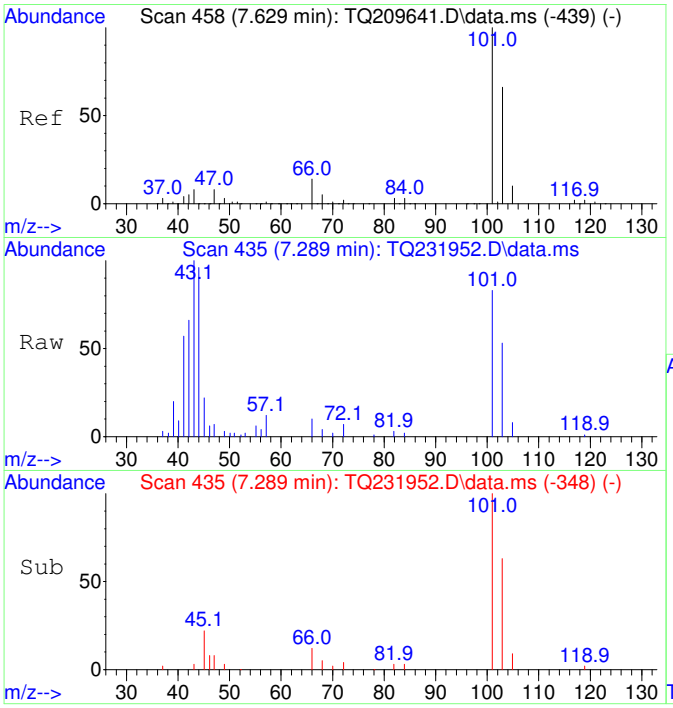


#5
Chloromethane
Concen: 0.73 ppbv
RT: 5.399 min Scan# 125
Delta R.T. 0.037 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 50 Resp: 16869

Ion	Ratio	Lower	Upper
50	100		
52	39.4	0.0	65.2
49	10.7	0.0	19.6

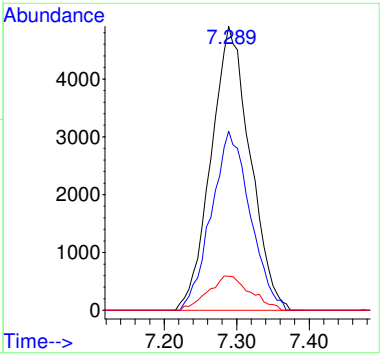


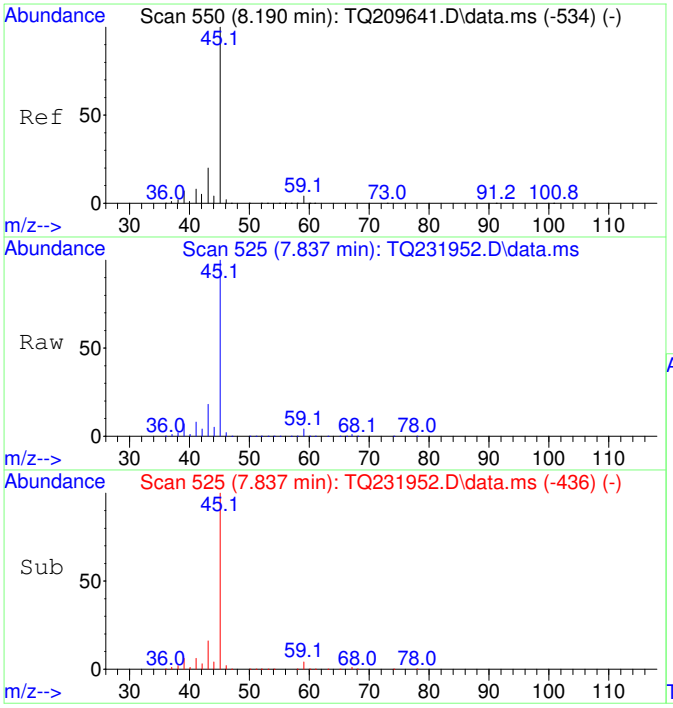


#11
Trichlorofluoromethane
Concen: 0.24 ppbv
RT: 7.289 min Scan# 435
Delta R.T. 0.031 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:101 Resp: 18352

Ion	Ratio	Lower	Upper
101	100		
103	62.8	42.3	87.8
66	13.1	7.8	16.2

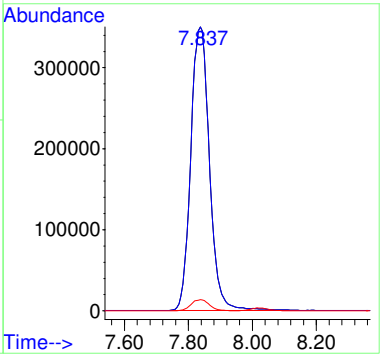


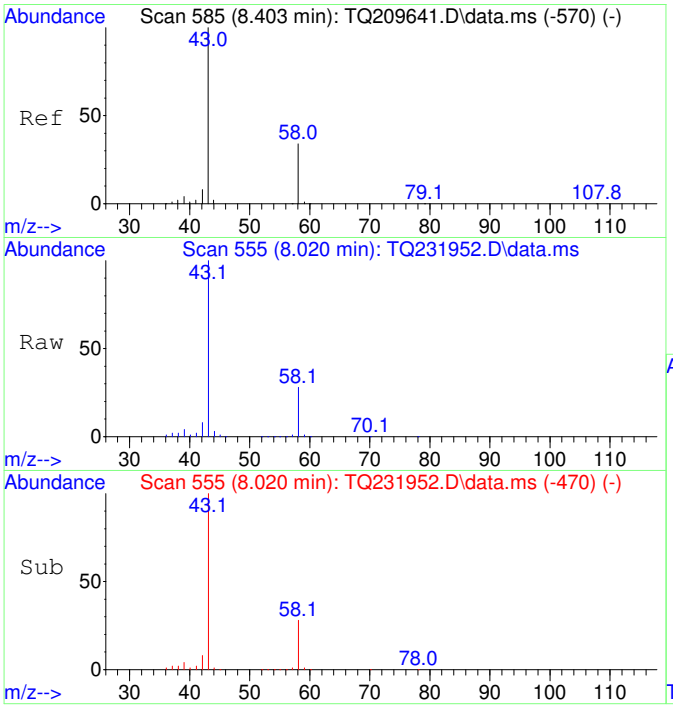


#12
Isopropanol
Concen: 22.08 ppbv
RT: 7.837 min Scan# 525
Delta R.T. 0.042 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 45 Resp: 1424372

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

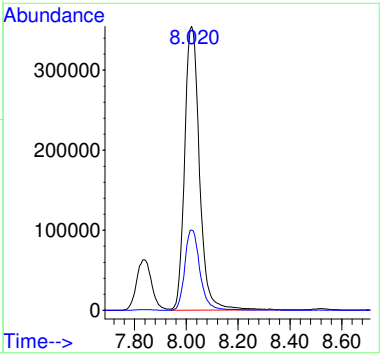


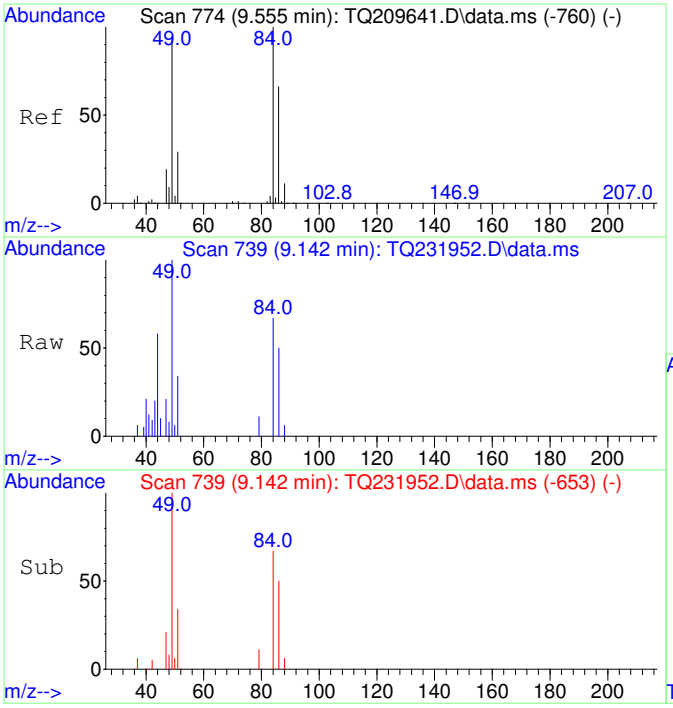


#14
Acetone
Concen: 25.96 ppbv
RT: 8.020 min Scan# 555
Delta R.T. 0.018 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 43 Resp: 1408364

Ion	Ratio	Lower	Upper
43	100		
58	29.1	20.9	43.3

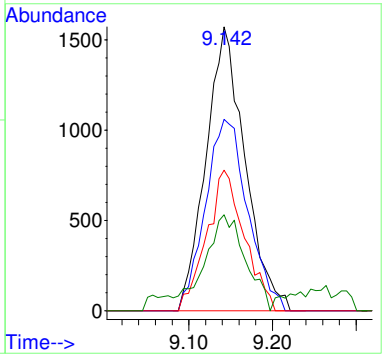


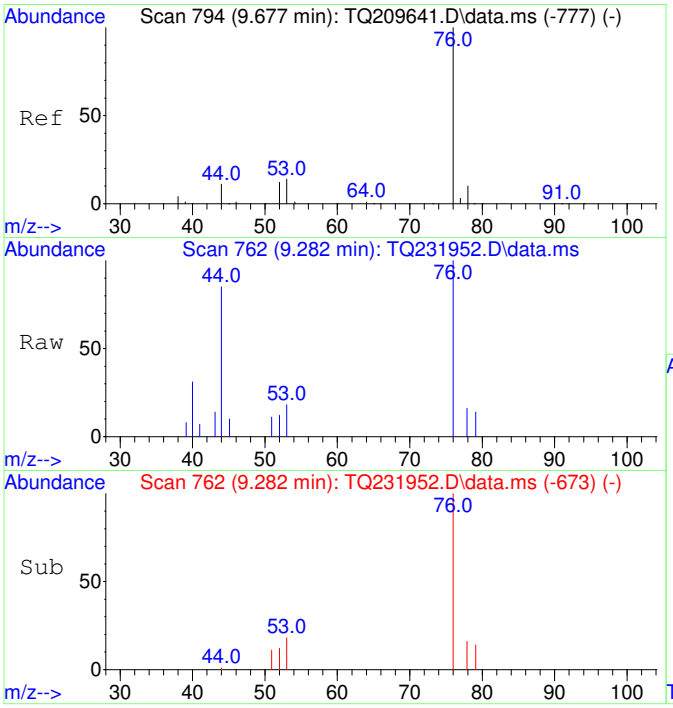


#18
Methylene Chloride
Concen: 0.15 ppbv
RT: 9.142 min Scan# 739
Delta R.T. 0.025 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 49 Resp: 5092

Ion	Ratio	Lower	Upper
49	100		
84	73.1	49.9	103.5
86	47.9	31.8	66.0
51	43.1	20.2	41.9#

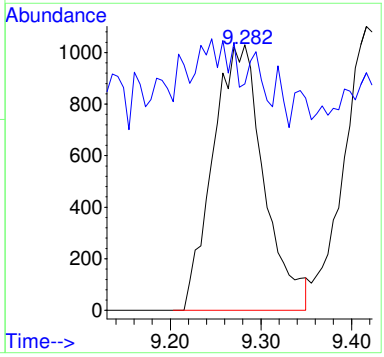


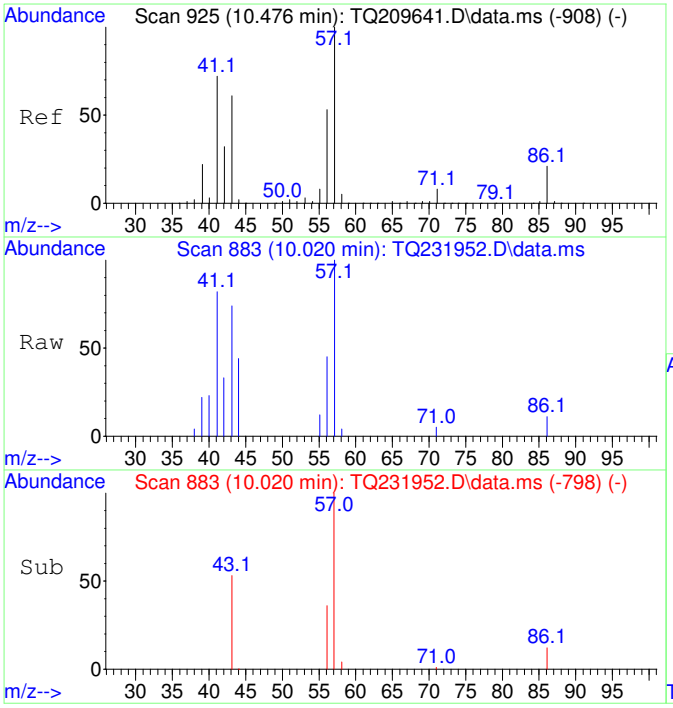


#20
Carbon disulfide
Concen: 0.04 ppbv
RT: 9.282 min Scan# 762
Delta R.T. 0.043 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 76 Resp: 4024

Ion	Ratio	Lower	Upper
76	100		
44	34.7	8.3	17.3#

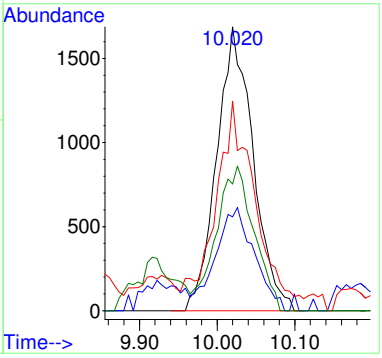


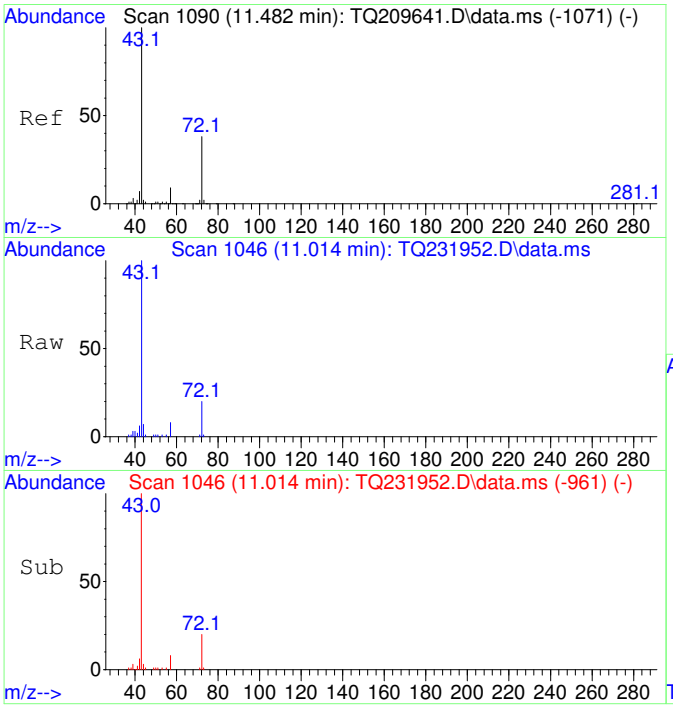


#23
Hexane
Concen: 0.12 ppbv
RT: 10.020 min Scan# 883
Delta R.T. 0.018 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 57 Resp: 5490

Ion	Ratio	Lower	Upper
57	100		
42	38.7	21.6	45.0
43	74.3	42.0	87.2
56	53.0	33.3	69.1

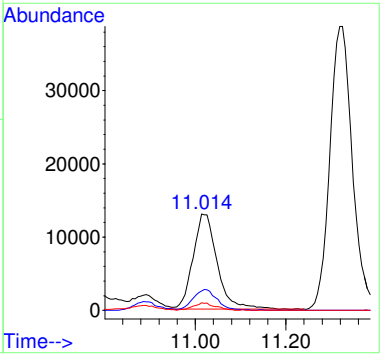


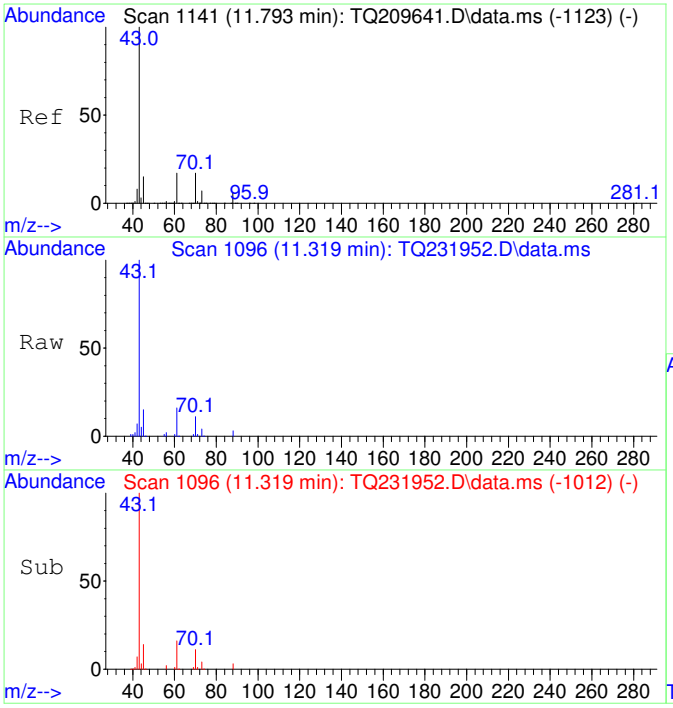


#26
2-Butanone
Concen: 0.76 ppbv
RT: 11.014 min Scan# 1046
Delta R.T. 0.018 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 43 Resp: 48003

Ion	Ratio	Lower	Upper
43	100		
72	21.9	16.1	33.5
57	7.2	4.9	10.3

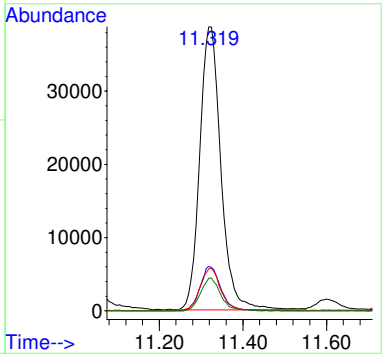


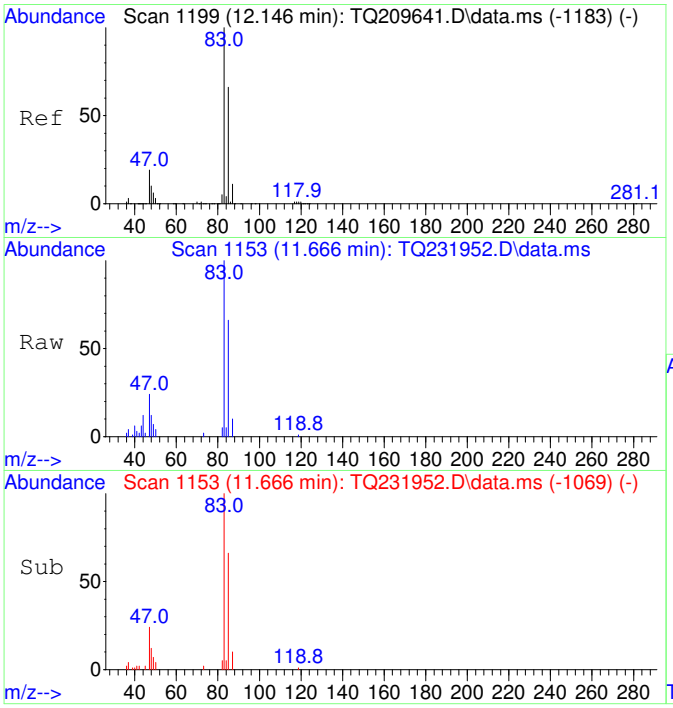


#27
Ethyl Acetate
Concen: 1.79 ppbv
RT: 11.319 min Scan# 1096
Delta R.T. 0.012 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 43 Resp: 136006

Ion	Ratio	Lower	Upper
43	100		
61	15.2	51.4	106.8#
45	15.9	9.4	19.6
70	10.9	7.5	15.5

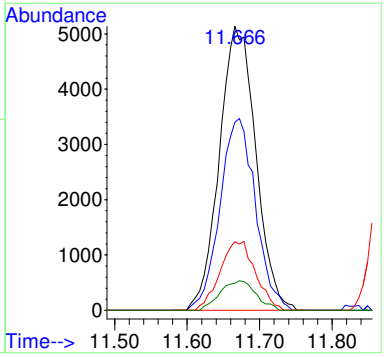


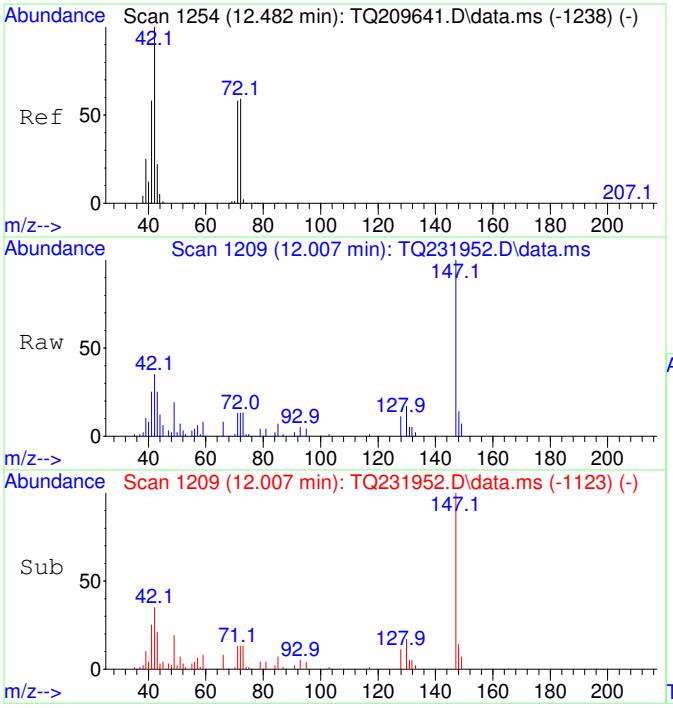


#29
Chloroform
Concen: 0.26 ppbv
RT: 11.666 min Scan# 1153
Delta R.T. 0.012 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 83 Resp: 17976

Ion	Ratio	Lower	Upper
83	100		
85	65.7	41.7	86.7
47	23.6	15.1	31.5
87	10.2	6.7	13.9

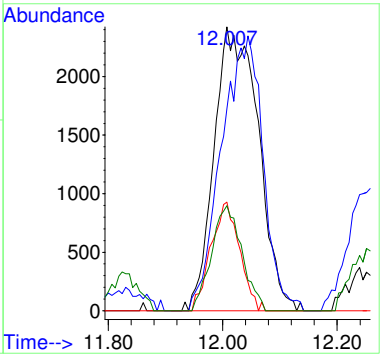


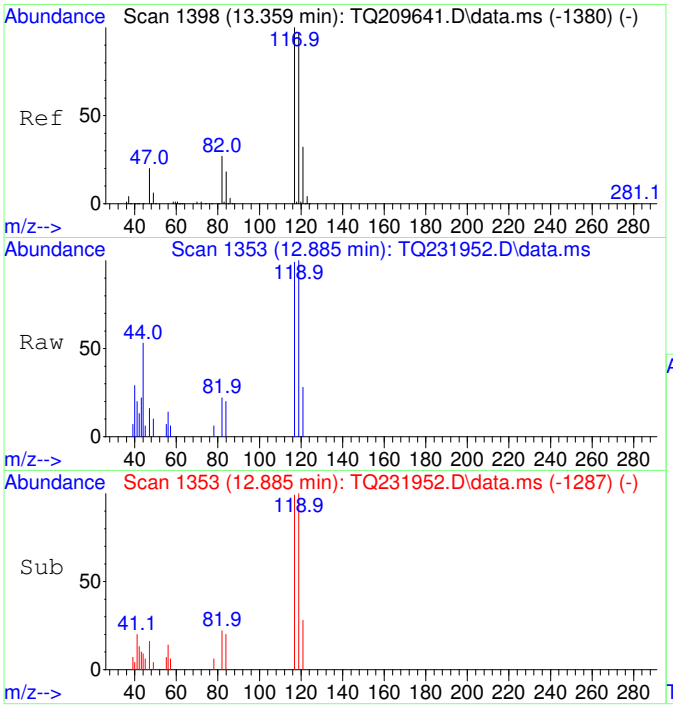


#30
Tetrahydrofuran
Concen: 0.36 ppbv
RT: 12.007 min Scan# 1209
Delta R.T. 0.025 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 42 Resp: 13004

Ion	Ratio	Lower	Upper
42	100		
41	91.1	35.2	73.0#
72	24.8	27.2	56.6#
71	25.6	25.9	53.7#

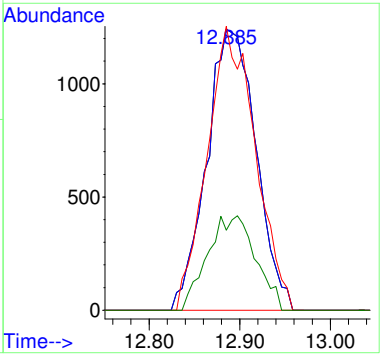


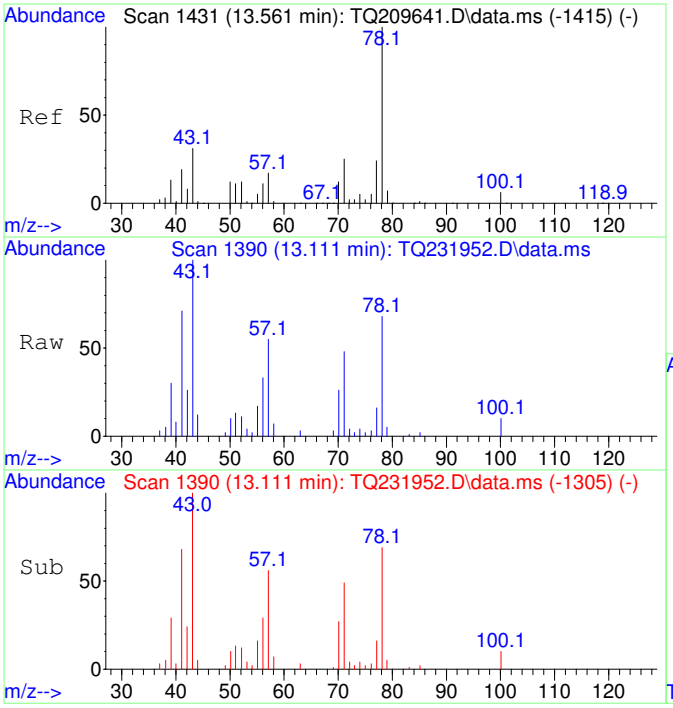


#34
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 12.885 min Scan# 1353
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:117 Resp: 4699

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	98.4	76.9	115.3
121	32.6	21.7	40.3

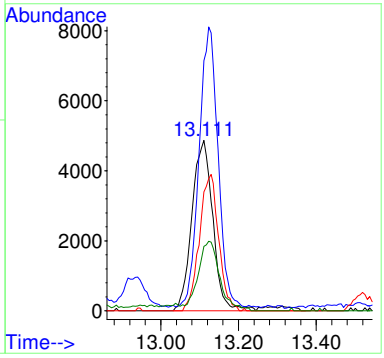


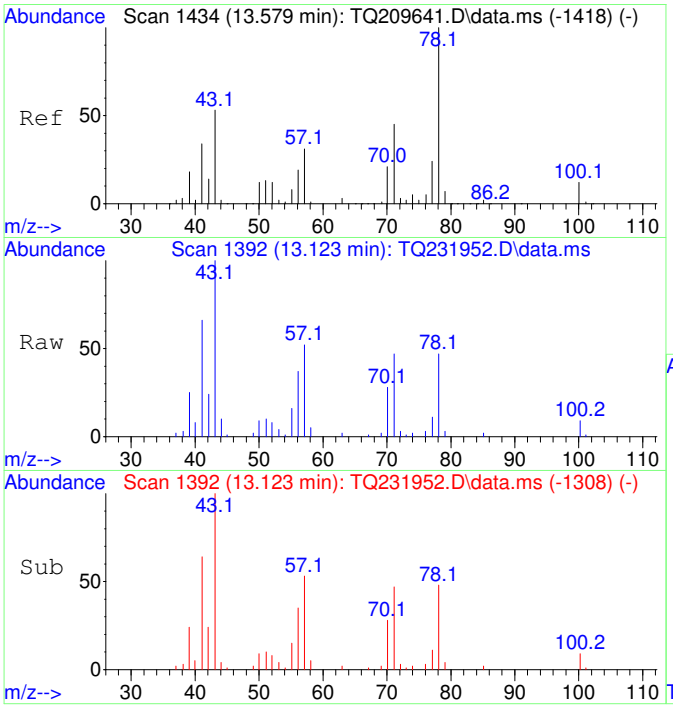


#36
Benzene
Concen: 0.17 ppbv
RT: 13.111 min Scan# 1390
Delta R.T. 0.018 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 78 Resp: 18889

Ion	Ratio	Lower	Upper
78	100		
43	146.5	37.5	77.9#
71	70.9	22.0	45.8#
42	40.7	8.8	18.4#

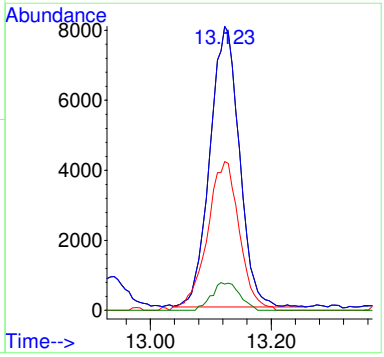


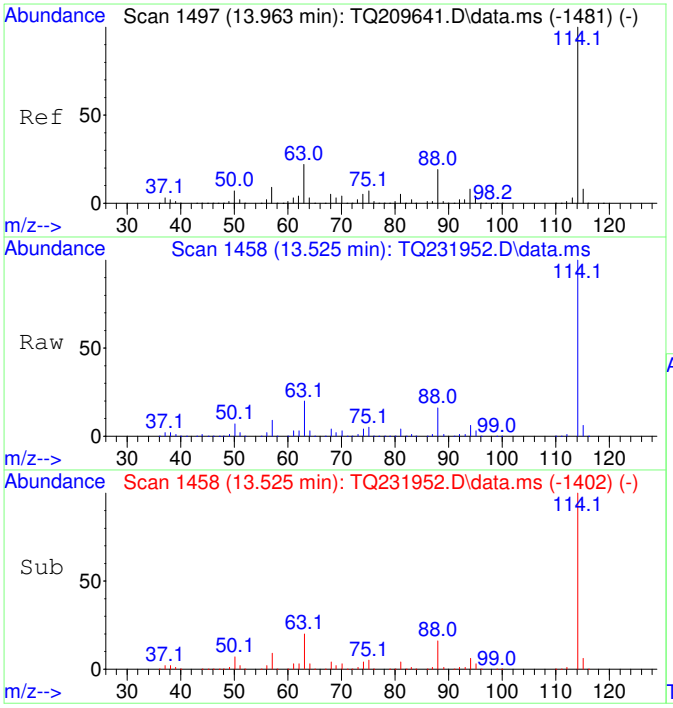


#37
n-Heptane
Concen: 0.45 ppbv
RT: 13.123 min Scan# 1392
Delta R.T. 0.012 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 43 Resp: 27161

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	42.6	64.0#
100	9.4	13.3	19.9#

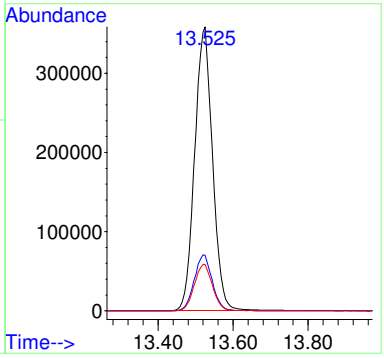


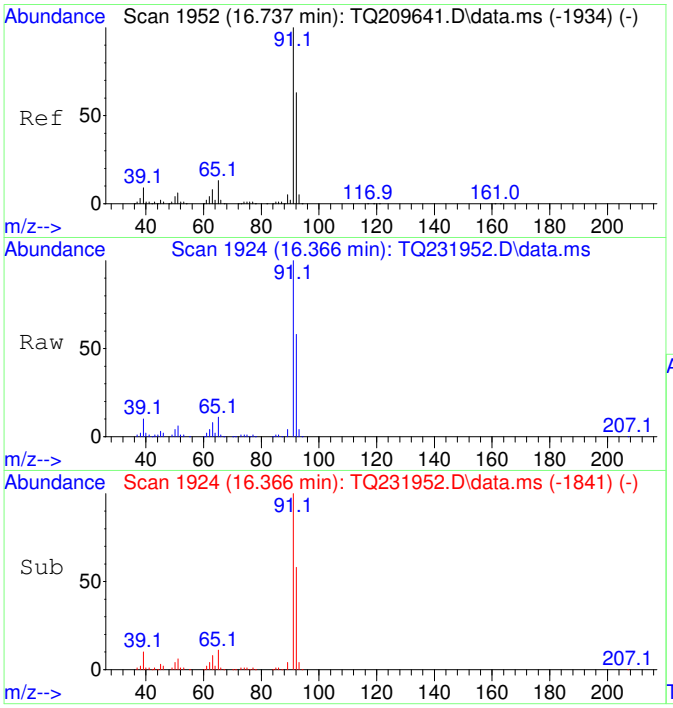


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.525 min Scan# 1458
Delta R.T. 0.012 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:114 Resp: 1184703

Ion	Ratio	Lower	Upper
114	100		
63	19.9	12.9	26.9
88	16.7	10.7	22.3

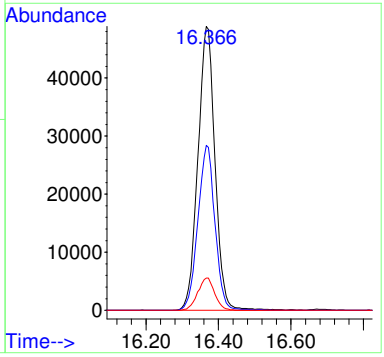


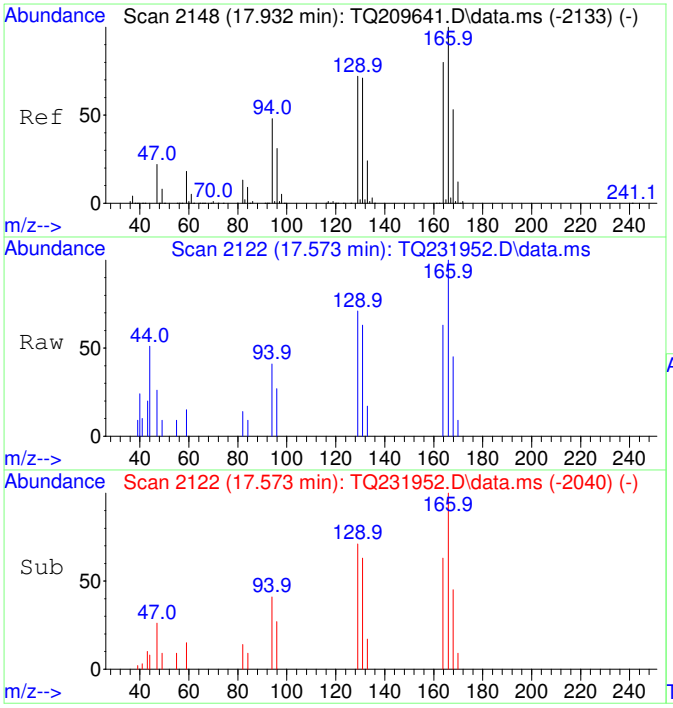


#46
Toluene
Concen: 1.26 ppbv
RT: 16.366 min Scan# 1924
Delta R.T. 0.006 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 91 Resp: 160031

Ion	Ratio	Lower	Upper
91	100		
92	58.0	38.7	80.3
65	11.3	7.5	15.5

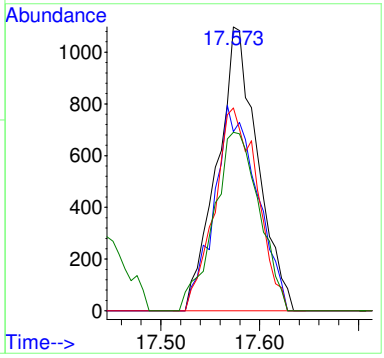


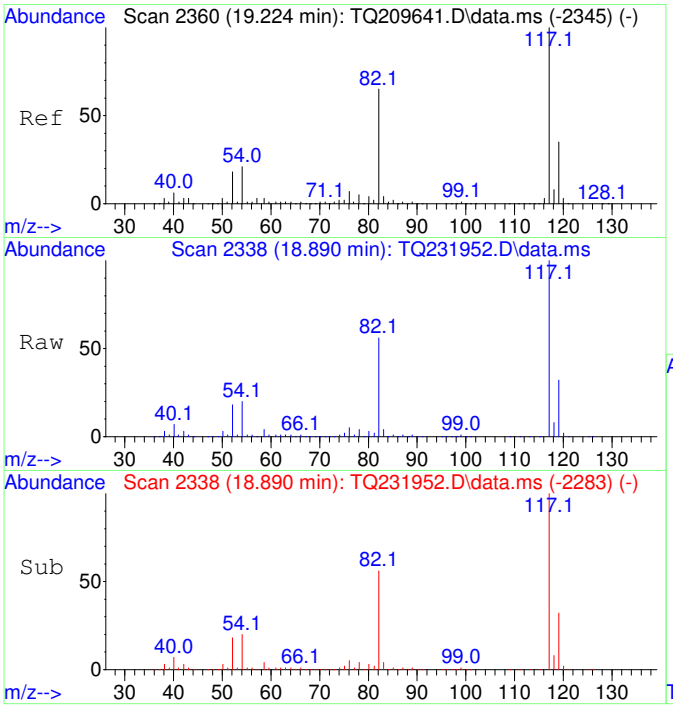


#51
Tetrachloroethylene
Concen: 0.05 ppbv
RT: 17.573 min Scan# 2122
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:166 Resp: 3121

Ion	Ratio	Lower	Upper
166	100		
164	76.6	51.0	106.0
129	75.5	48.1	99.9
131	70.7	46.3	96.3

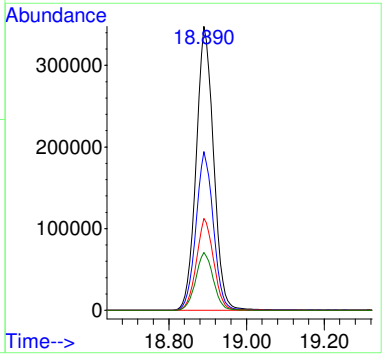


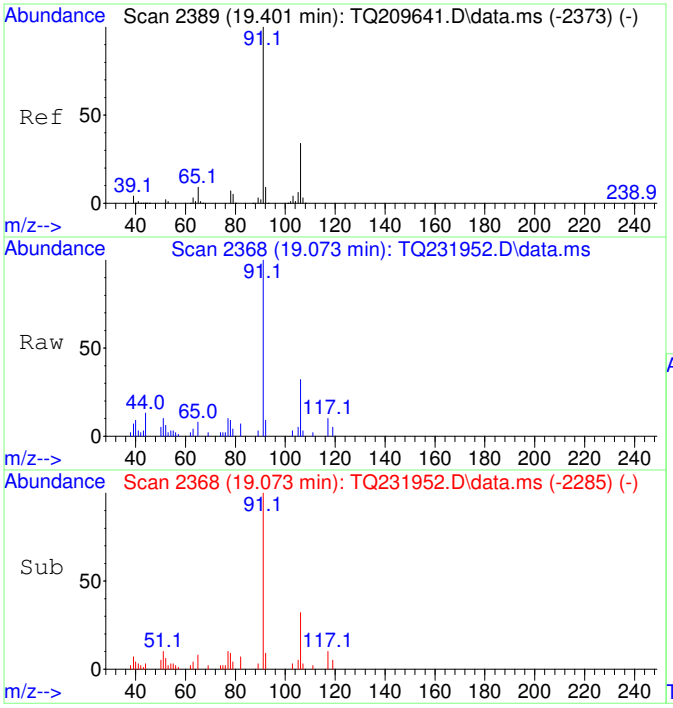


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.890 min Scan# 2338
Delta R.T. 0.006 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:117 Resp: 1084325

Ion	Ratio	Lower	Upper
117	100		
82	55.7	37.1	77.1
119	32.2	22.1	45.9
54	20.6	13.8	28.6

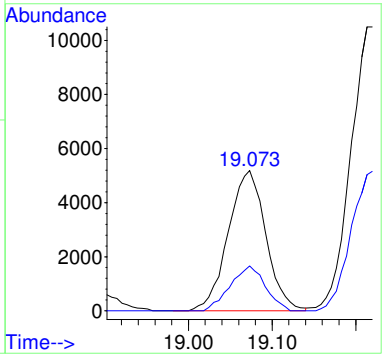


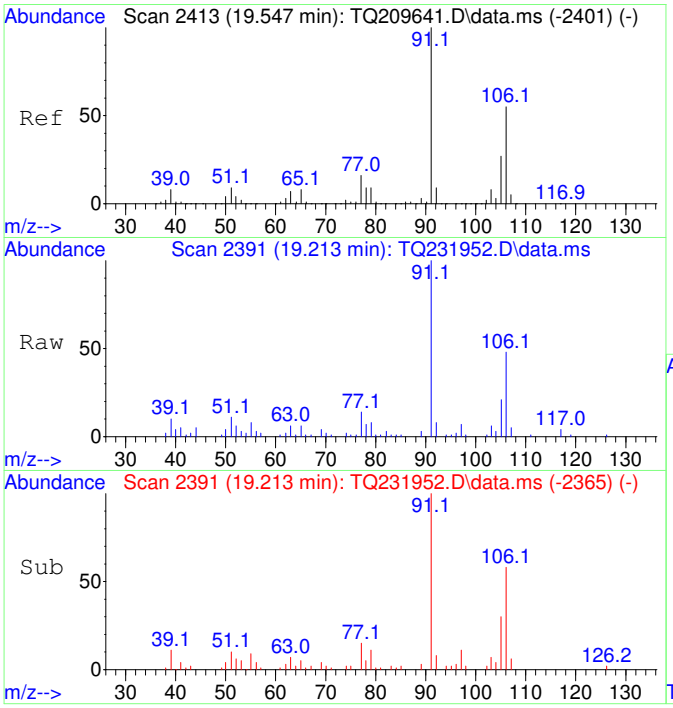


#57
Ethylbenzene
Concen: 0.09 ppbv
RT: 19.073 min Scan# 2368
Delta R.T. 0.006 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 91 Resp: 16169

Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.5	42.7

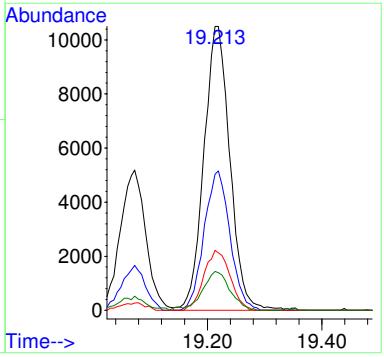


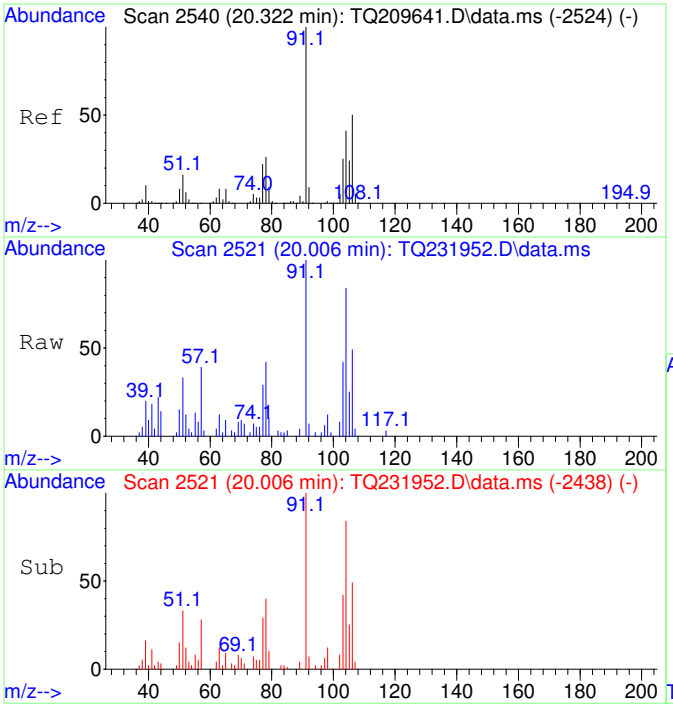


#58
p- & m-Xylenes
Concen: 0.25 ppbv
RT: 19.213 min Scan# 2391
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 91 Resp: 33239

Ion	Ratio	Lower	Upper
91	100		
106	48.6	32.6	67.8
105	21.2	14.5	30.1
77	14.7	8.5	17.7

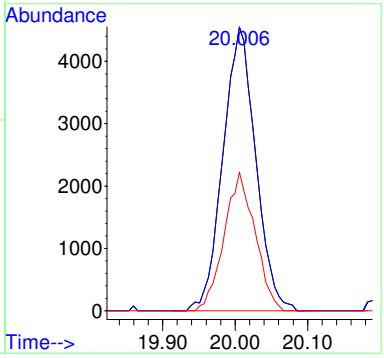


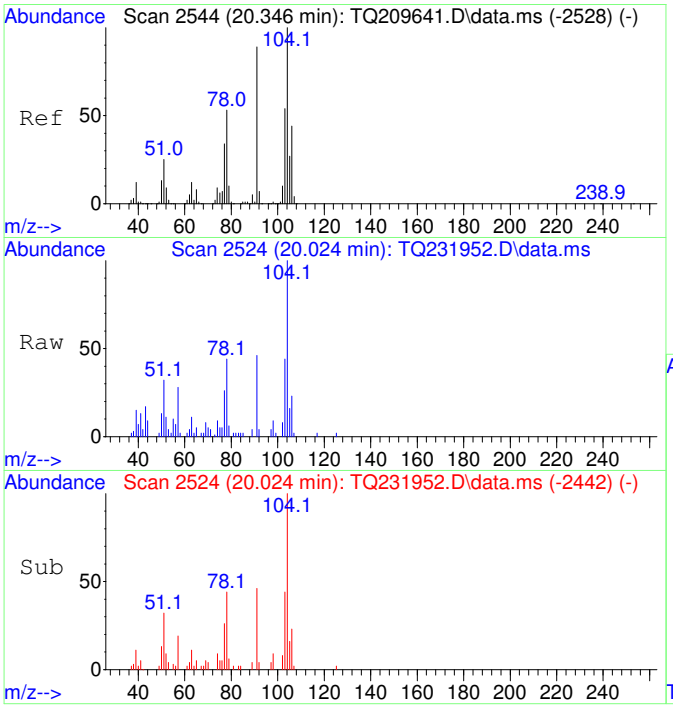


#59
o-Xylene
Concen: 0.11 ppbv
RT: 20.006 min Scan# 2521
Delta R.T. 0.006 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 91 Resp: 14268

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	46.1	38.2	57.2

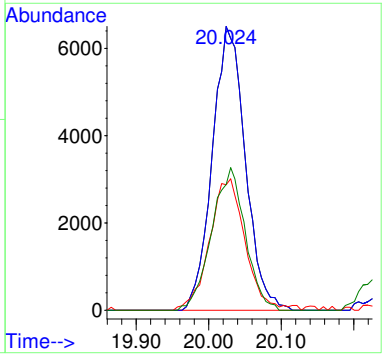


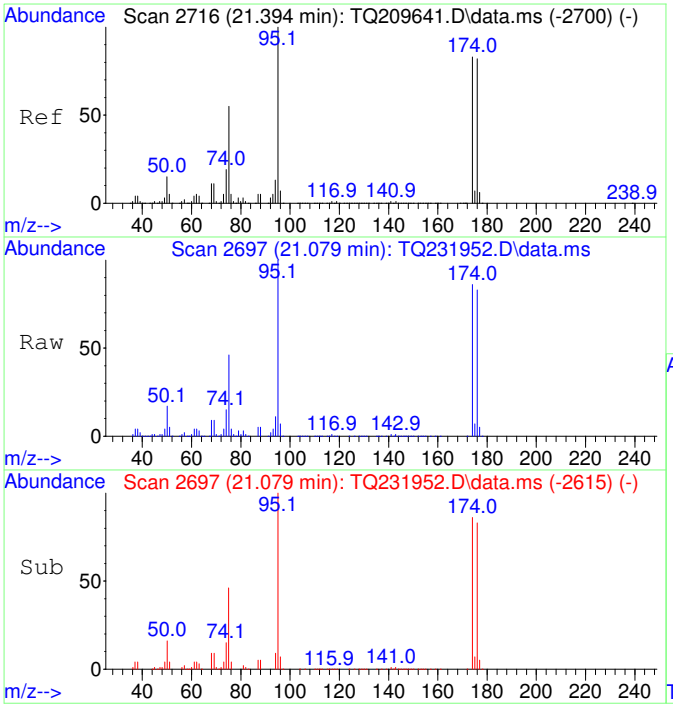


#60
Styrene
Concen: 0.21 ppbv
RT: 20.024 min Scan# 2524
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:104 Resp: 20558

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	0.0	0.0

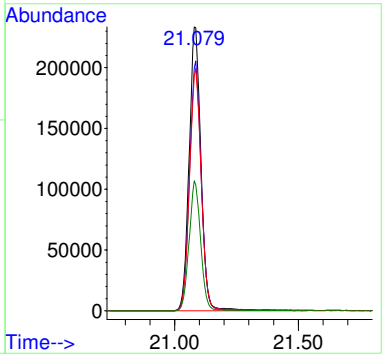


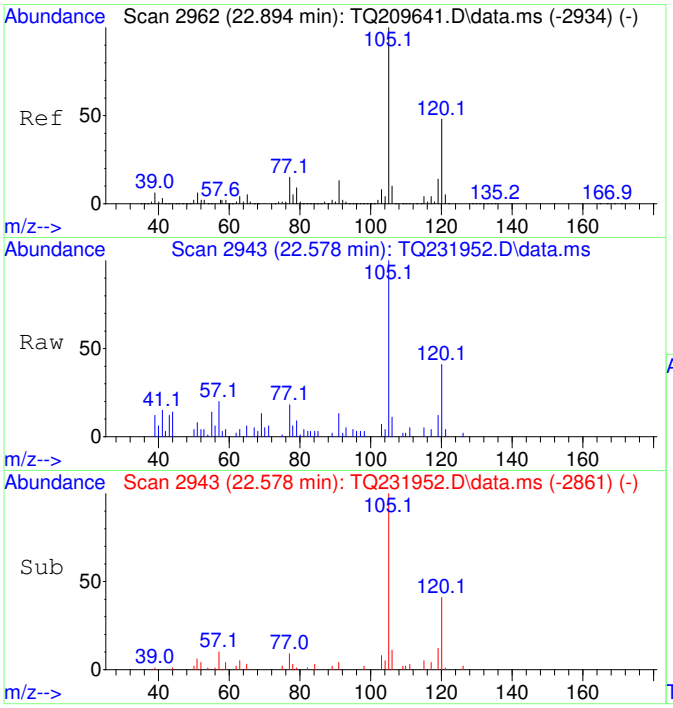


#65
p-Bromofluorobenzene
Concen: 9.43 ppbv
RT: 21.079 min Scan# 2697
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion: 95 Resp: 777243

Ion	Ratio	Lower	Upper
95	100		
174	86.7	53.2	110.6
176	84.3	51.6	107.2
75	45.2	30.7	63.7

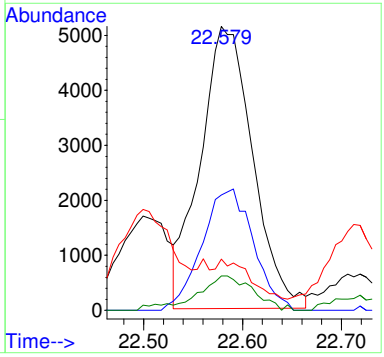


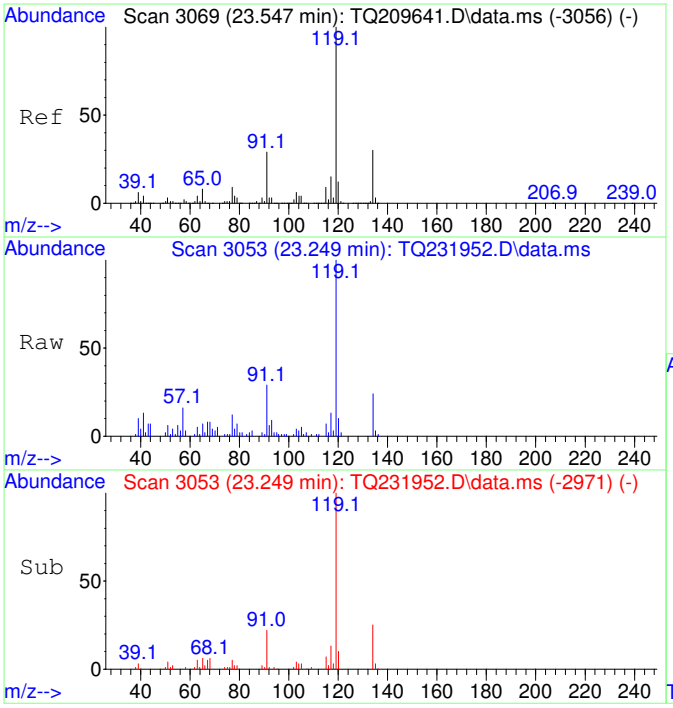


#69
1,2,4-Trimethylbenzene
Concen: 0.13 ppbv
RT: 22.578 min Scan# 2943
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:105 Resp: 19006

Ion	Ratio	Lower	Upper
105	100		
120	41.9	30.2	62.6
77	0.0	8.1	16.9#
119	13.1	7.8	16.2

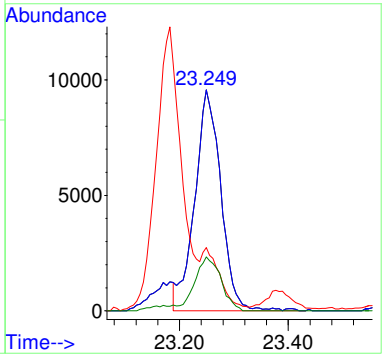


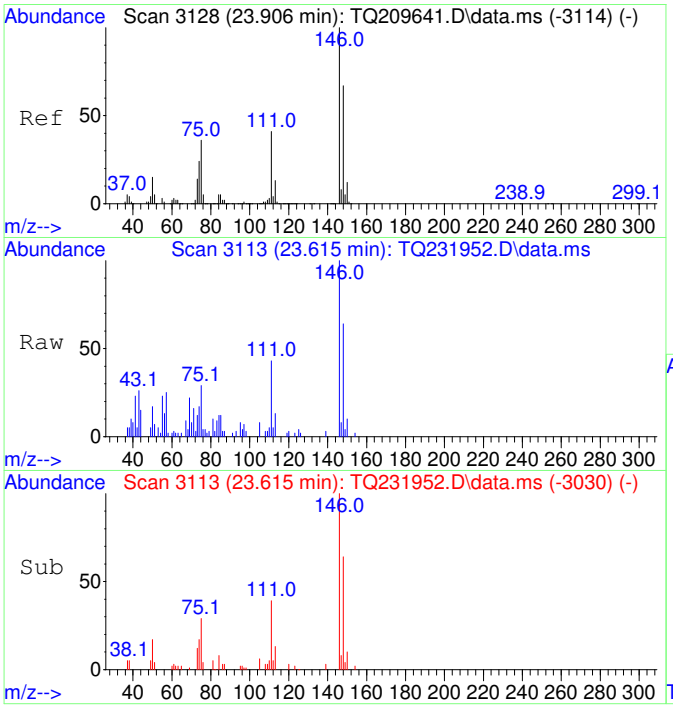


#71
p-Isopropyltoluene
Concen: 0.19 ppbv
RT: 23.249 min Scan# 3053
Delta R.T. 0.000 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:119 Resp: 31969

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	7.5	52.5#
134	24.1	7.5	52.5

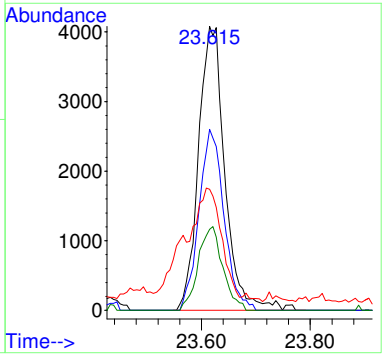




#73
1,4-Dichlorobenzene
Concen: 0.14 ppbv
RT: 23.615 min Scan# 3113
Delta R.T. 0.006 min
Lab File: TQ231952.D
Acq: 8 Apr 2025 8:58 pm

Tgt Ion:146 Resp: 13783

Ion	Ratio	Lower	Upper
146	100		
148	60.4	41.6	86.4
111	68.3	24.8	51.6#
75	27.4	19.0	39.6



Sample Information

Client Sample ID: AI-13 20250326 **York Sample ID: 25C1716-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.67		ug/m³	0.67	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.65	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
95-63-6	**1,2,4-Trimethylbenzene**	8.9		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
108-67-8	**1,3,5-Trimethylbenzene**	3.0		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
106-46-7	**1,4-Dichlorobenzene**	0.58		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.53		ug/m³	0.20	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
78-93-3	**2-Butanone**	1.9		ug/m³	0.26	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
67-64-1	**Acetone**	22		ug/m³	1.7	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.5	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
71-43-2	**Benzene**	1.3		ug/m³	0.28	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-25-2	Bromoform	ND		ug/m³	0.90	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
74-83-9	Bromomethane	ND		ug/m³	0.34	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
56-23-5	**Carbon tetrachloride**	0.55		ug/m³	0.14	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR

Sample Information

Client Sample ID: **AI-13 20250326** **York Sample ID:** **25C1716-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.42	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
74-87-3	**Chloromethane**	1.8		ug/m³	0.18	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-71-8	**Dichlorodifluoromethane**	3.1		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
141-78-6	*** Ethyl acetate**	4.2		ug/m³	0.63	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
100-41-4	**Ethyl Benzene**	0.45		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.93	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
67-63-0	**Isopropanol**	12		ug/m³	1.3	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
91-20-3	* Naphthalene	ND		ug/m³	0.91	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
142-82-5	**n-Heptane**	1.5		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
110-54-3	**n-Hexane**	0.77		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
95-47-6	**o-Xylene**	0.76		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
179601-23-1	**p- & m- Xylenes**	1.6		ug/m³	0.76	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
622-96-8	*** p-Ethyltoluene**	9.3		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
100-42-5	Styrene	ND		ug/m³	0.37	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
127-18-4	**Tetrachloroethylene**	1.1		ug/m³	0.59	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
109-99-9	*** Tetrahydrofuran**	1.3		ug/m³	0.51	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
108-88-3	**Toluene**	5.0		ug/m³	0.33	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.6		ug/m³	0.49	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR
74-97-5	*Internal Standard: Bromochloromethan*	*105 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*97.7 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231953.D
Acq On : 8 Apr 2025 10:03 pm
Operator : YR
Sample : 25C1716-06
Misc : QBTO2040525A .533X
ALS Vial : 13 Sample Multiplier: 0.87

Quant Time: Apr 09 08:46:53 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

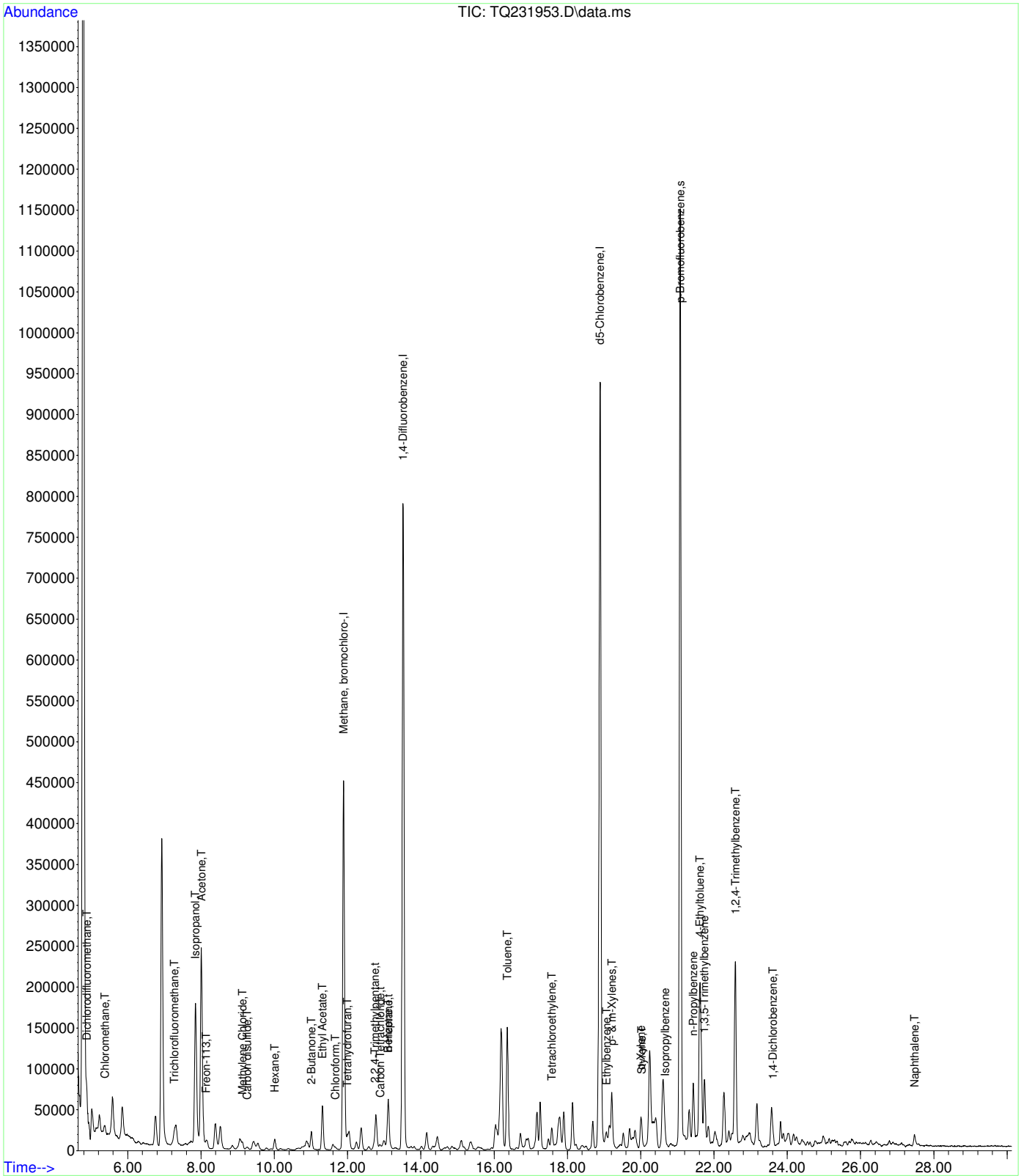
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.892	49	398693	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1225748	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1029759	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	794619	10.15	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.881	85	55187	0.72	ppbv		98
5) Chloromethane	5.375	50	23663	1.01	ppbv		98
11) Trichlorofluoromethane	7.264	101	25447	0.32	ppbv		100
12) Isopropanol	7.844	45	354865	5.39	ppbv		100
14) Acetone	8.008	43	580386	10.49	ppbv		98
15) Freon-113	8.136	101	6688	0.10	ppbv		98
18) Methylene Chloride	9.130	49	8603	0.24	ppbv		97
20) Carbon disulfide	9.258	76	3482	0.04	ppbv	#	47
23) Hexane	10.014	57	11074	0.25	ppbv		92
26) 2-Butanone	11.014	43	48765	0.75	ppbv		98
27) Ethyl Acetate	11.312	43	103864	1.34	ppbv	#	45
29) Chloroform	11.660	83	3901	0.06	ppbv	#	93
30) Tetrahydrofuran	11.995	42	17870	0.49	ppbv	#	69
33) 2,2,4-Trimethylpentane	12.745	57	20136	0.13	ppbv	#	1
34) Carbon Tetrachloride	12.891	117	6649	0.10	ppbv	#	58
36) Benzene	13.105	78	50790	0.46	ppbv		90
37) n-Heptane	13.111	43	26220	0.43	ppbv	#	98
46) Toluene	16.360	91	200452	1.52	ppbv		98
51) Tetrachloroethylene	17.567	166	12313	0.19	ppbv		98
57) Ethylbenzene	19.067	91	20319	0.12	ppbv		99
58) p- & m-Xylenes	19.213	91	53591	0.43	ppbv		96
59) o-Xylene	20.006	91	26003	0.20	ppbv		99
60) Styrene	20.024	104	8375	0.09	ppbv	#	100
62) n-Propylbenzene	21.432	91	111226	0.54	ppbv		99
63) Isopropylbenzene	20.664	105	21454	0.12	ppbv		100
66) 4-Ethyltoluene	21.615	105	366667	2.17	ppbv		98
67) 1,3,5-Trimethylbenzene	21.737	105	98887	0.70	ppbv		97
69) 1,2,4-Trimethylbenzene	22.585	105	296548	2.08	ppbv		98
73) 1,4-Dichlorobenzene	23.609	146	10193	0.11	ppbv	#	82
79) Naphthalene	27.474	128	27590	0.17	ppbv		99

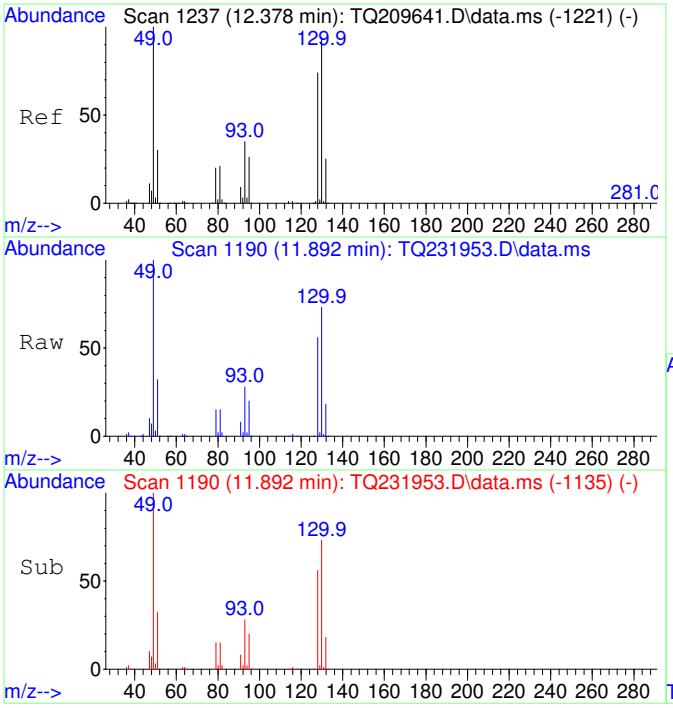
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231953.D
Acq On : 8 Apr 2025 10:03 pm
Operator : YR
Sample : 25C1716-06
Misc : QBTO2040525A .533X
ALS Vial : 13 Sample Multiplier: 0.87

Quant Time: Apr 09 08:46:53 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

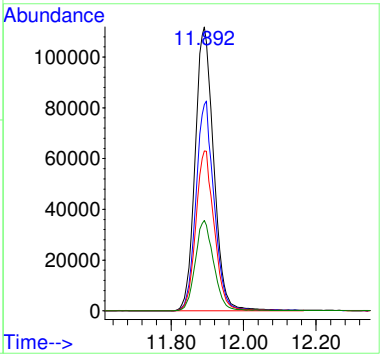


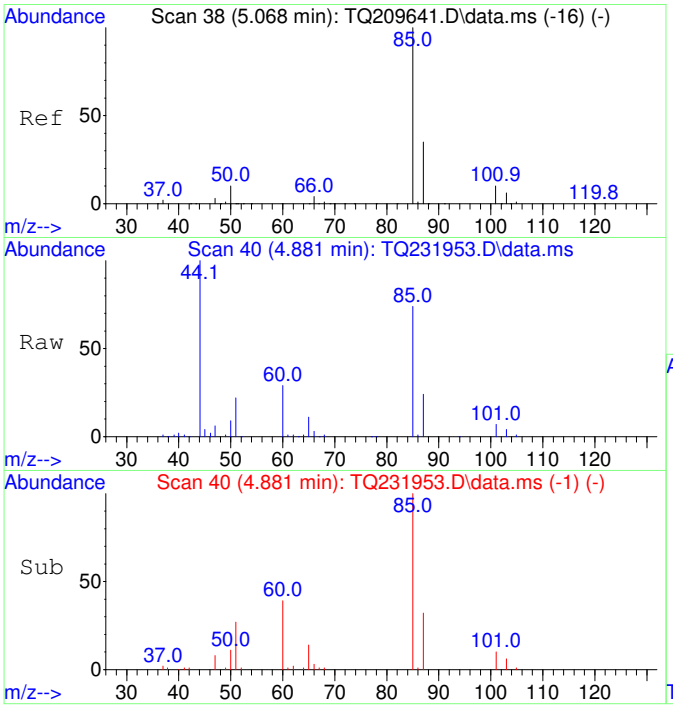


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.892 min Scan# 1190
Delta R.T. 0.007 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 49 Resp: 398693

Ion	Ratio	Lower	Upper
49	100		
130	71.6	48.1	99.9
128	55.7	38.3	79.5
51	31.4	20.3	42.3

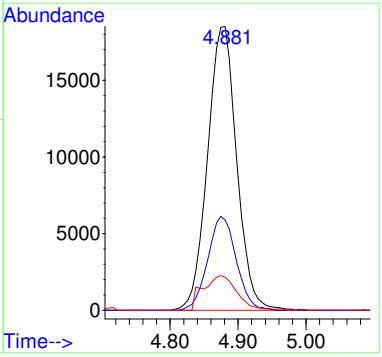


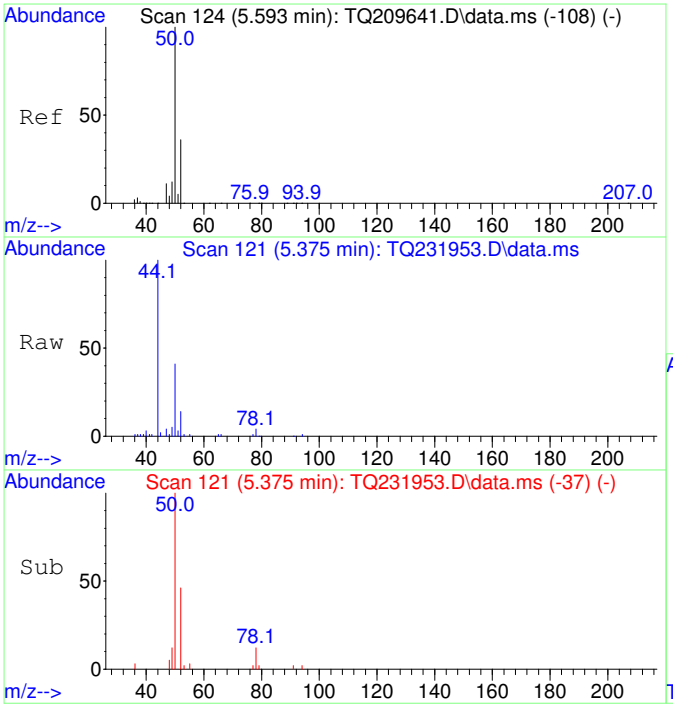


#3
Dichlorodifluoromethane
Concen: 0.72 ppbv
RT: 4.881 min Scan# 40
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 85 Resp: 55187

Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.9	43.5
50	14.3	7.2	15.0

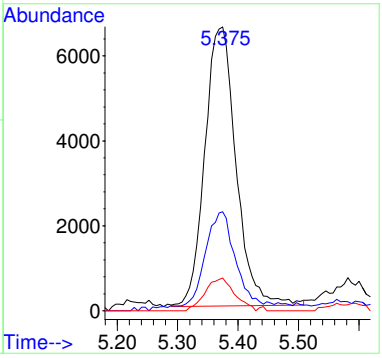


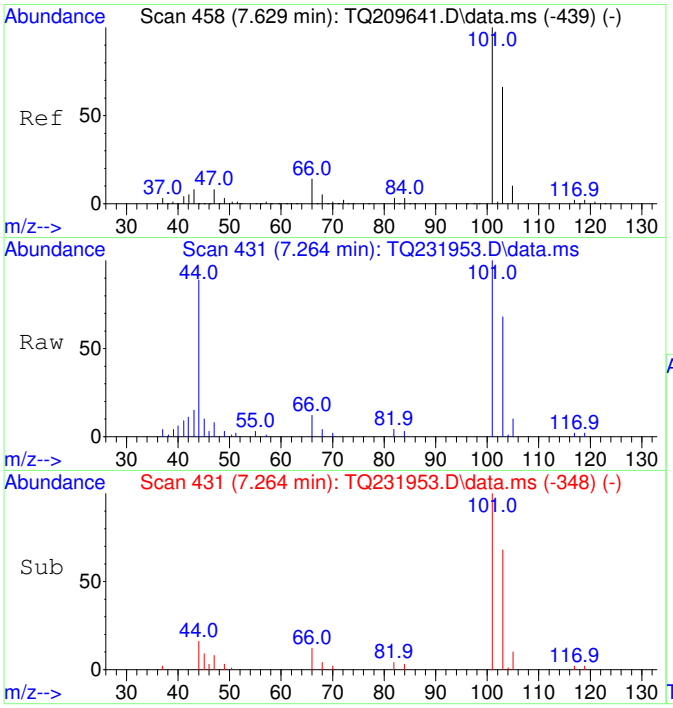


#5
Chloromethane
Concen: 1.01 ppbv
RT: 5.375 min Scan# 121
Delta R.T. 0.012 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 50 Resp: 23663

Ion	Ratio	Lower	Upper
50	100		
52	32.1	0.0	65.2
49	11.3	0.0	19.6

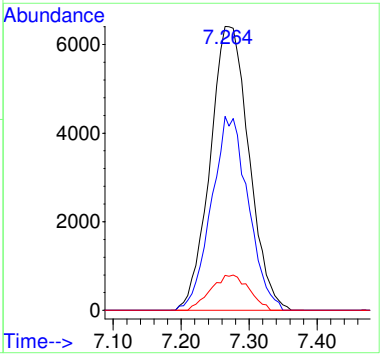


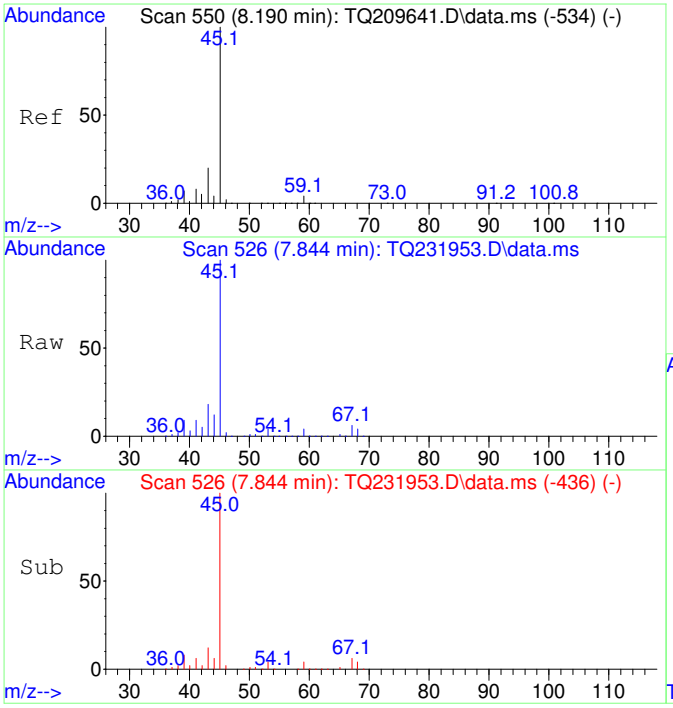


#11
Trichlorofluoromethane
Concen: 0.32 ppbv
RT: 7.264 min Scan# 431
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:101 Resp: 25447

Ion	Ratio	Lower	Upper
101	100		
103	64.9	42.3	87.8
66	12.3	7.8	16.2

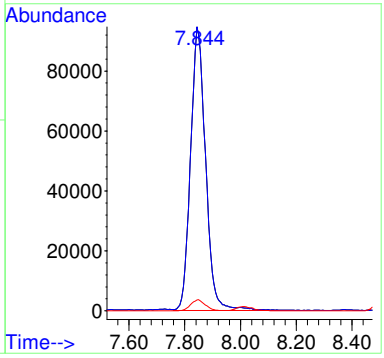


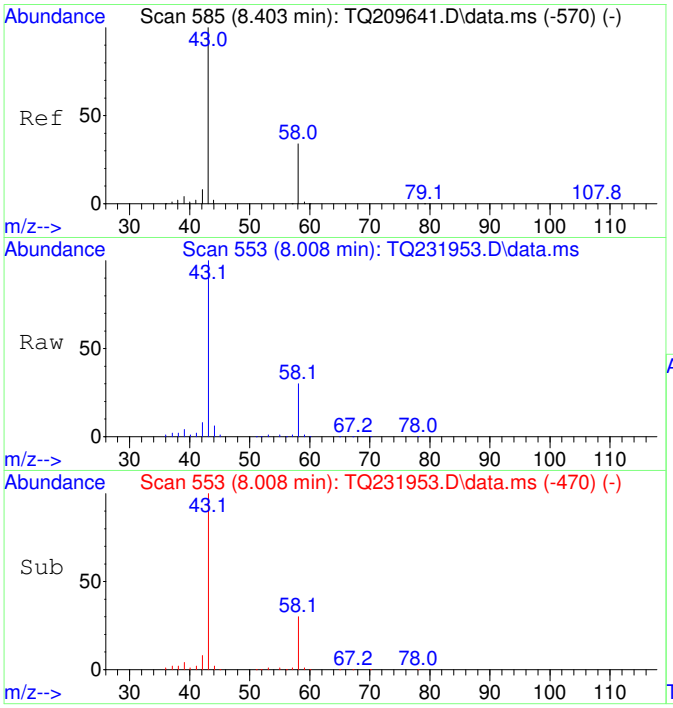


#12
Isopropanol
Concen: 5.39 ppbv
RT: 7.844 min Scan# 526
Delta R.T. 0.049 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 45 Resp: 354865

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

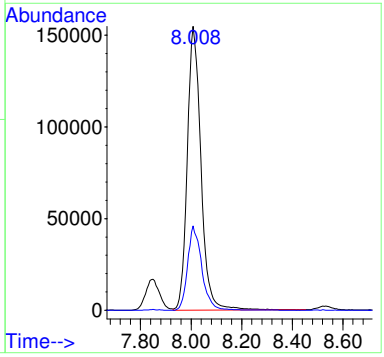


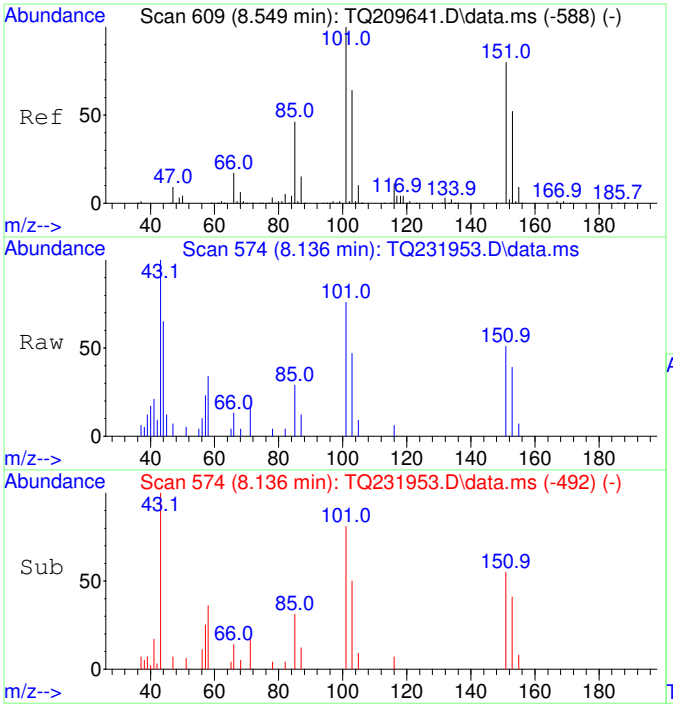


#14
Acetone
Concen: 10.49 ppbv
RT: 8.008 min Scan# 553
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 43 Resp: 580386

Ion	Ratio	Lower	Upper
43	100		
58	30.9	20.9	43.3

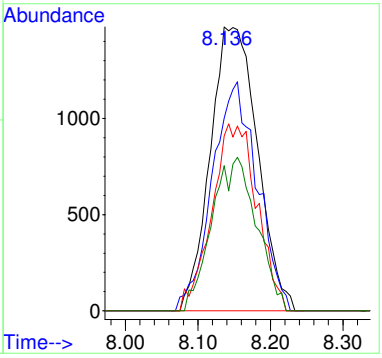


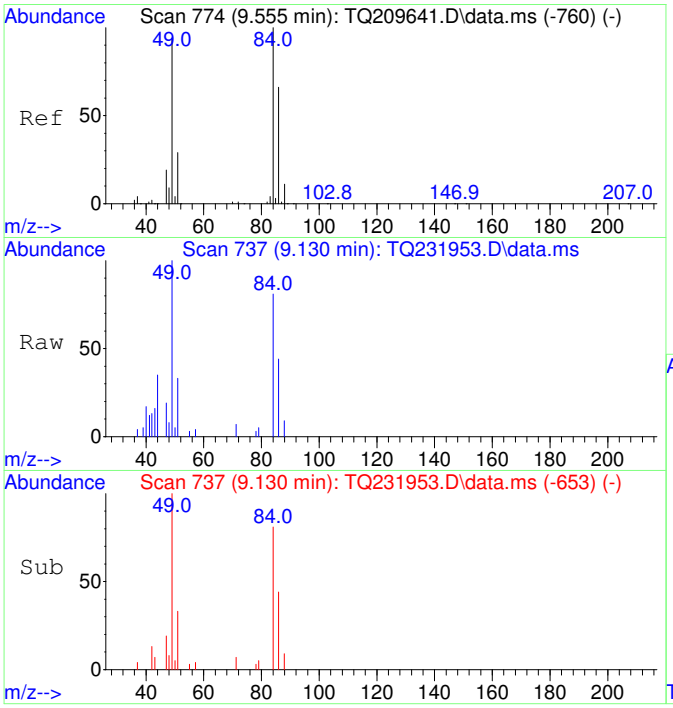


#15
Freon-113
Concen: 0.10 ppbv
RT: 8.136 min Scan# 574
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:101 Resp: 6688

Ion	Ratio	Lower	Upper
101	100		
151	76.6	50.5	104.9
103	62.7	42.0	87.2
153	51.3	32.4	67.4

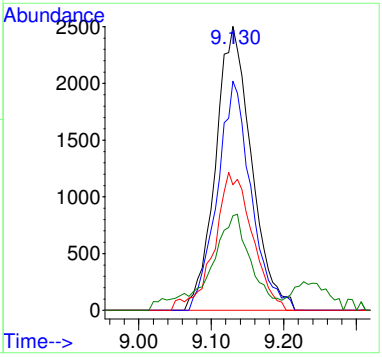


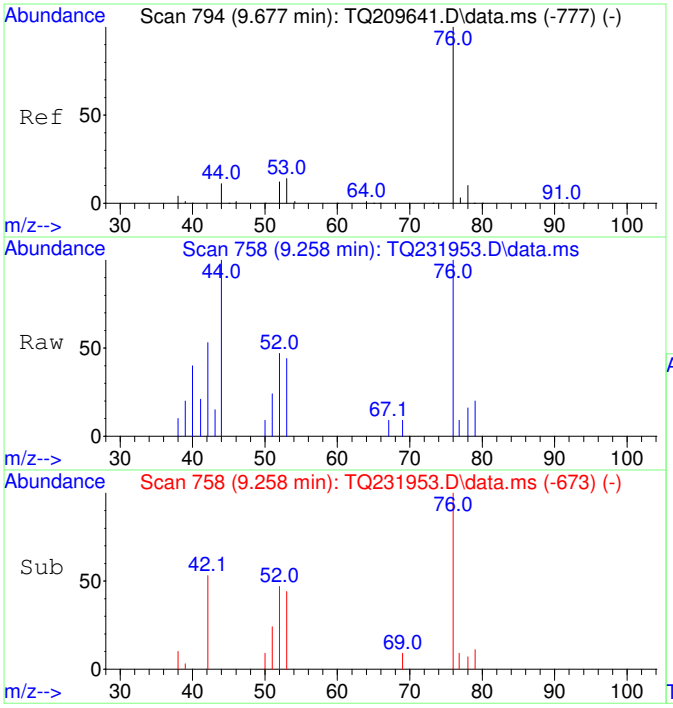


#18
Methylene Chloride
Concen: 0.24 ppbv
RT: 9.130 min Scan# 737
Delta R.T. 0.012 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 49 Resp: 8603

Ion	Ratio	Lower	Upper
49	100		
84	76.3	49.9	103.5
86	51.5	31.8	66.0
51	27.5	20.2	41.9

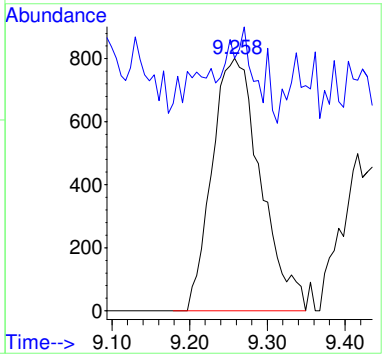


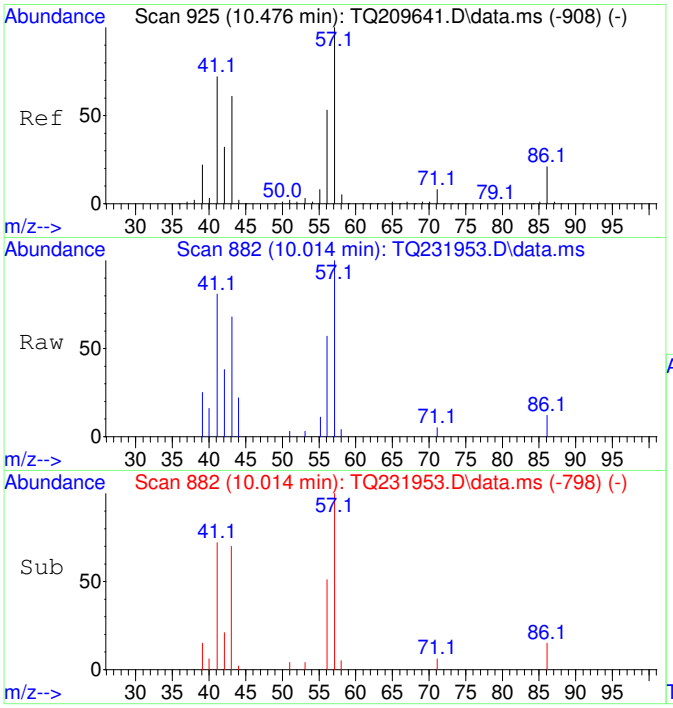


#20
Carbon disulfide
Concen: 0.04 ppbv
RT: 9.258 min Scan# 758
Delta R.T. 0.018 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 76 Resp: 3482

Ion	Ratio	Lower	Upper
76	100		
44	33.7	8.3	17.3#

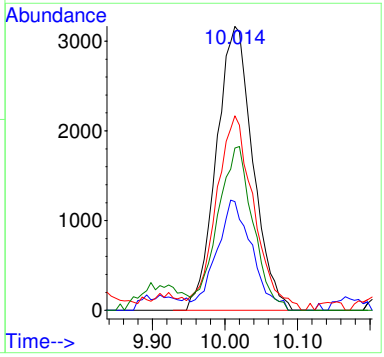


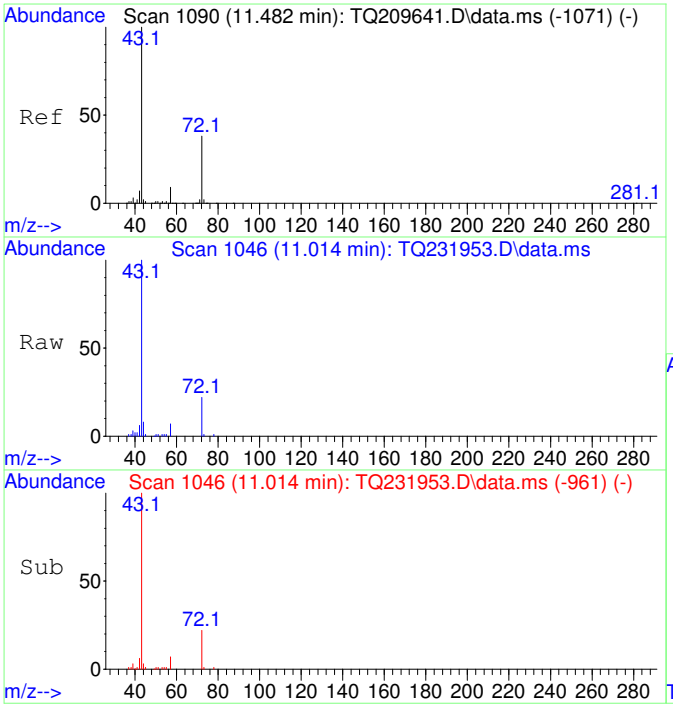


#23
Hexane
Concen: 0.25 ppbv
RT: 10.014 min Scan# 882
Delta R.T. 0.012 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 57 Resp: 11074

Ion	Ratio	Lower	Upper
57	100		
42	37.7	21.6	45.0
43	71.3	42.0	87.2
56	56.2	33.3	69.1

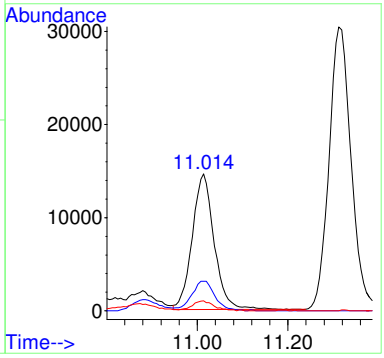


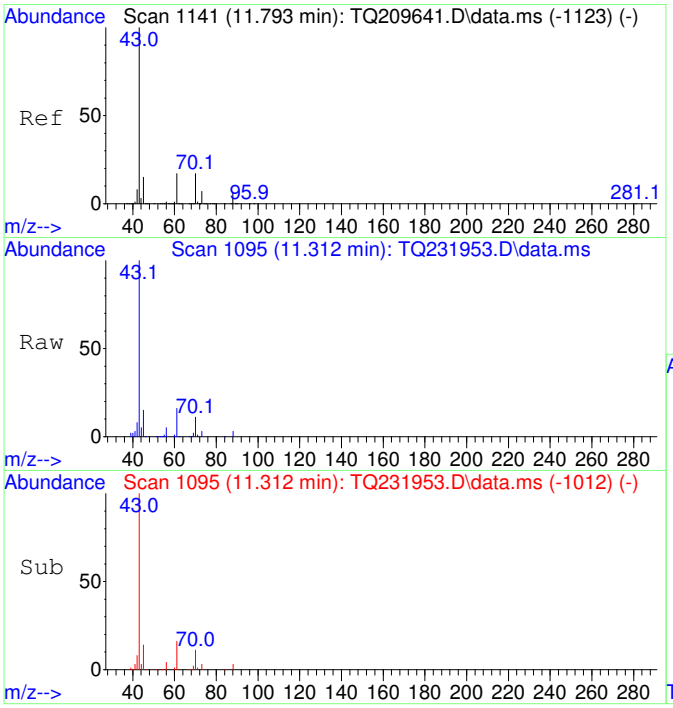


#26
2-Butanone
Concen: 0.75 ppbv
RT: 11.014 min Scan# 1046
Delta R.T. 0.018 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 43 Resp: 48765

Ion	Ratio	Lower	Upper
43	100		
72	23.5	16.1	33.5
57	7.5	4.9	10.3

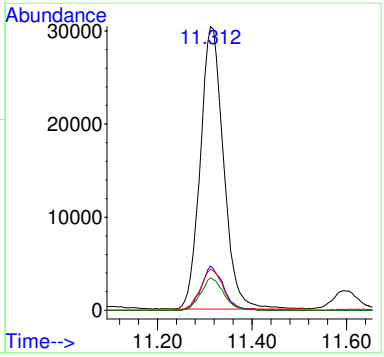


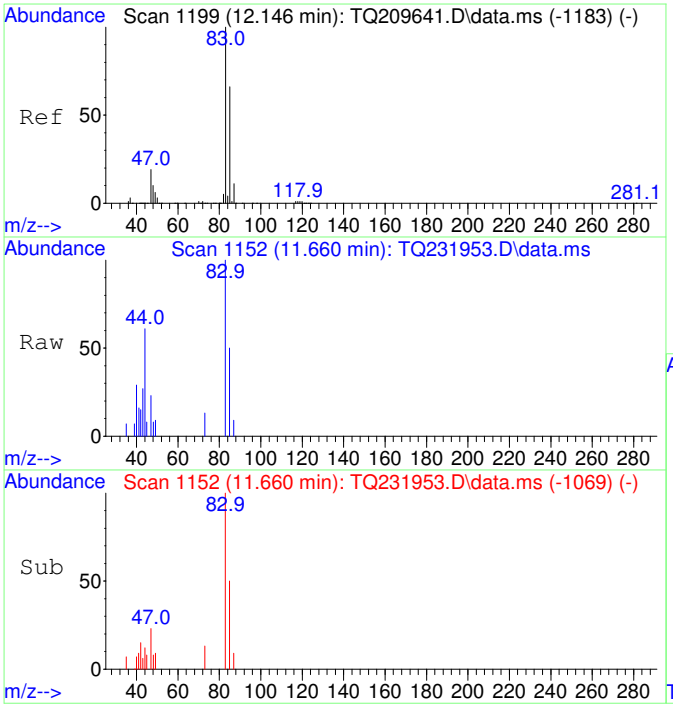


#27
Ethyl Acetate
Concen: 1.34 ppbv
RT: 11.312 min Scan# 1095
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 43 Resp: 103864

Ion	Ratio	Lower	Upper
43	100		
61	15.0	51.4	106.8#
45	14.6	9.4	19.6
70	11.1	7.5	15.5

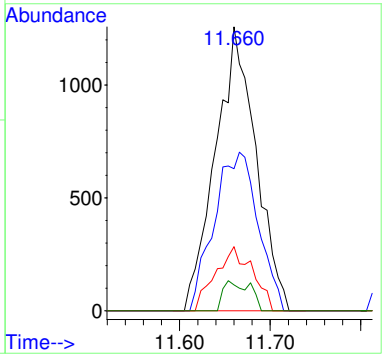


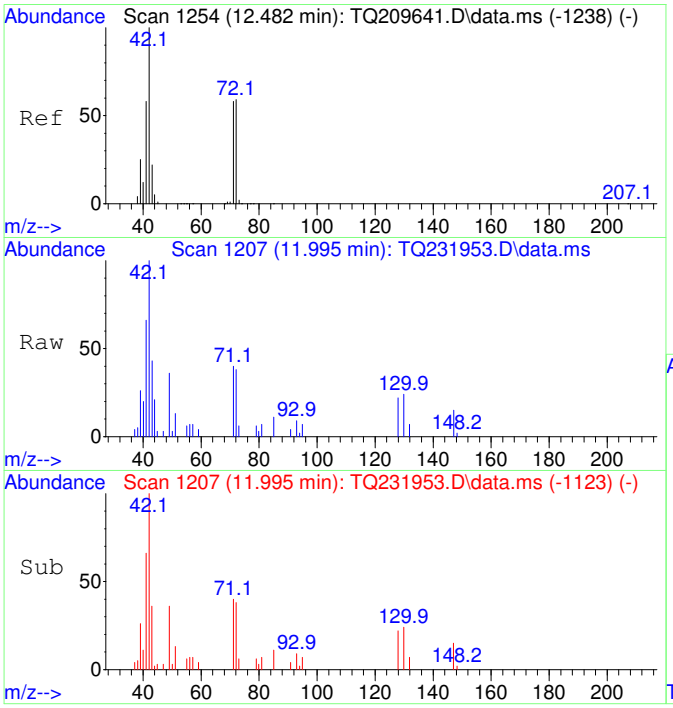


#29
Chloroform
Concen: 0.06 ppbv
RT: 11.660 min Scan# 1152
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 83 Resp: 3901

Ion	Ratio	Lower	Upper
83	100		
85	60.5	41.7	86.7
47	20.6	15.1	31.5
87	0.0	6.7	13.9#

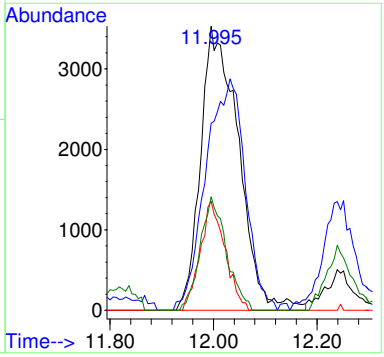


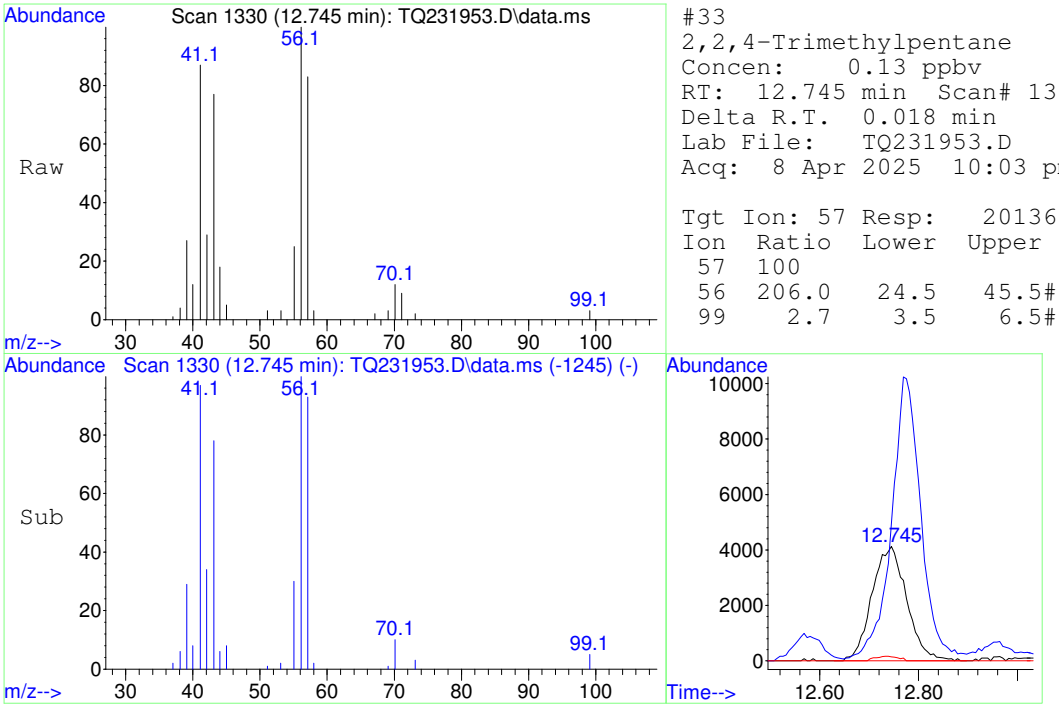


#30
Tetrahydrofuran
Concen: 0.49 ppbv
RT: 11.995 min Scan# 1207
Delta R.T. 0.012 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 42 Resp: 17870

Ion	Ratio	Lower	Upper
42	100		
41	85.7	35.2	73.0#
72	25.3	27.2	56.6#
71	27.7	25.9	53.7

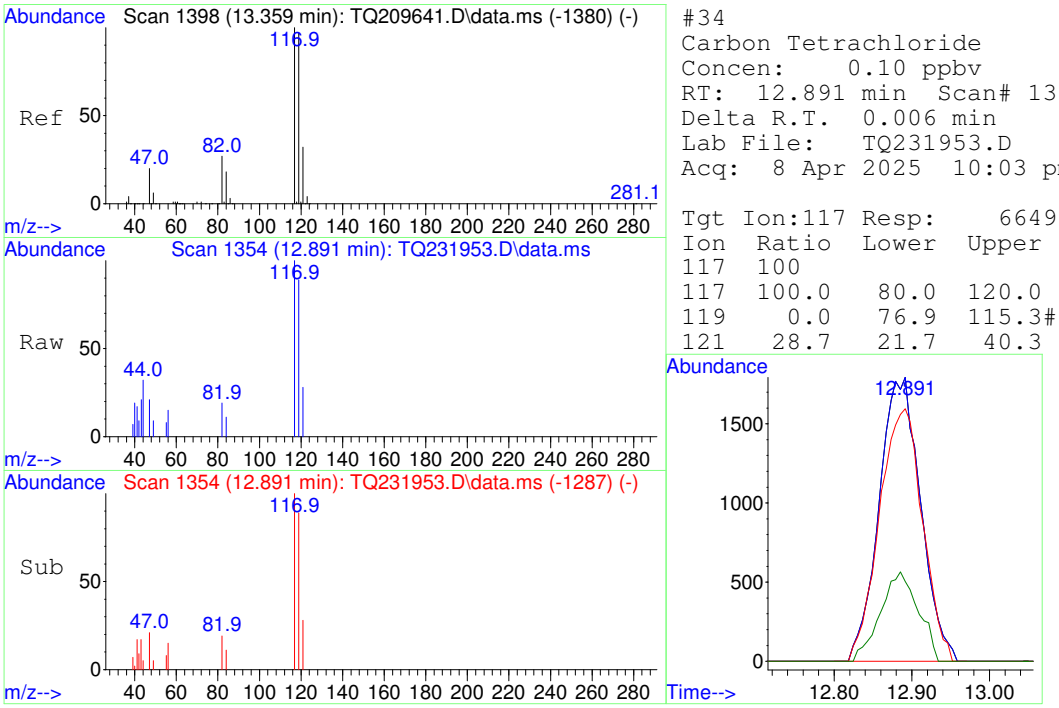




#33
2,2,4-Trimethylpentane
Concen: 0.13 ppbv
RT: 12.745 min Scan# 1330
Delta R.T. 0.018 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 57 Resp: 20136

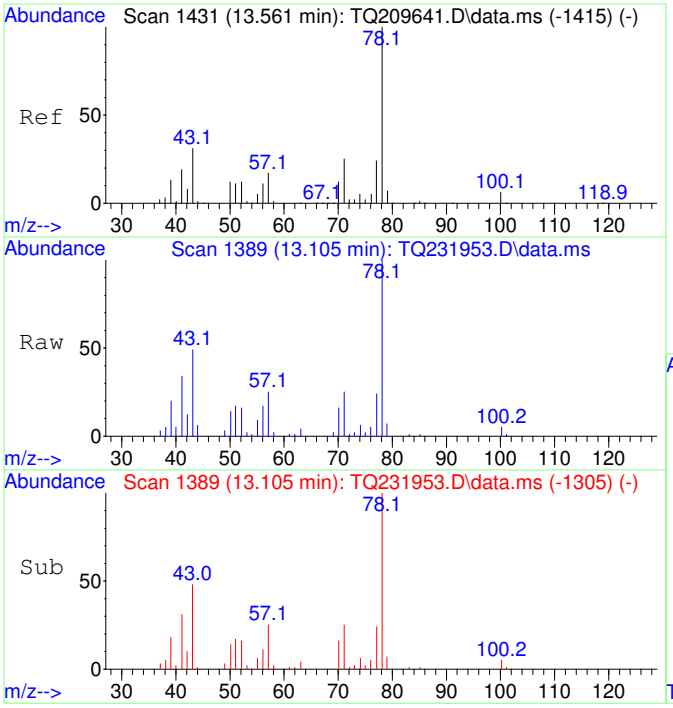
Ion	Ratio	Lower	Upper
57	100		
56	206.0	24.5	45.5#
99	2.7	3.5	6.5#



#34
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 12.891 min Scan# 1354
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:117 Resp: 6649

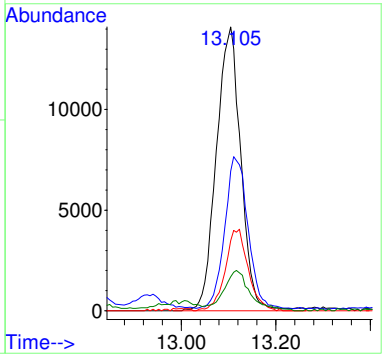
Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.9	115.3#
121	28.7	21.7	40.3

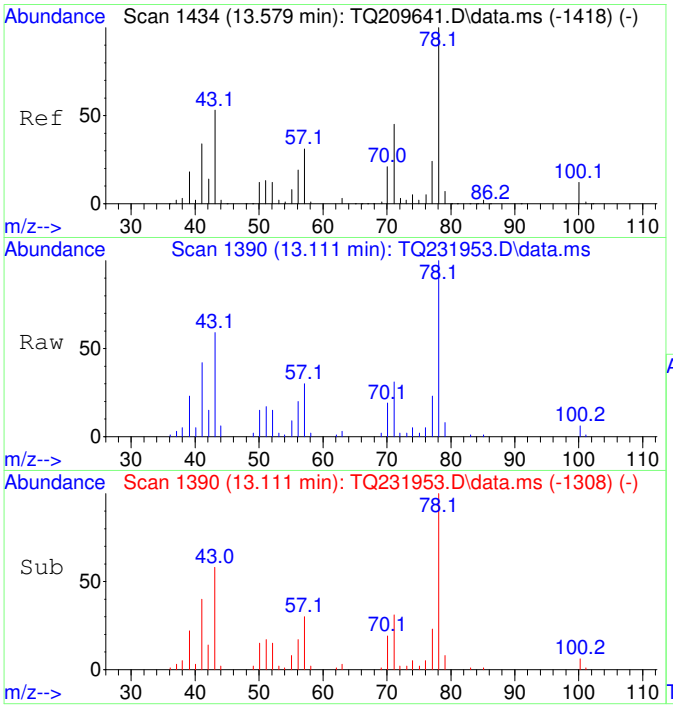


#36
Benzene
Concen: 0.46 ppbv
RT: 13.105 min Scan# 1389
Delta R.T. 0.012 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 78 Resp: 50790

Ion	Ratio	Lower	Upper
78	100		
43	50.7	37.5	77.9
71	27.0	22.0	45.8
42	15.5	8.8	18.4

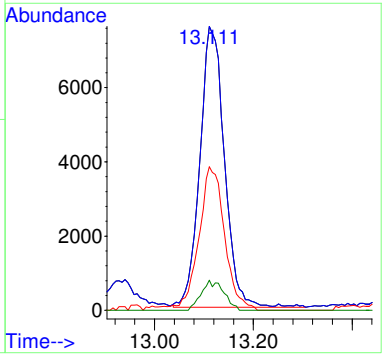


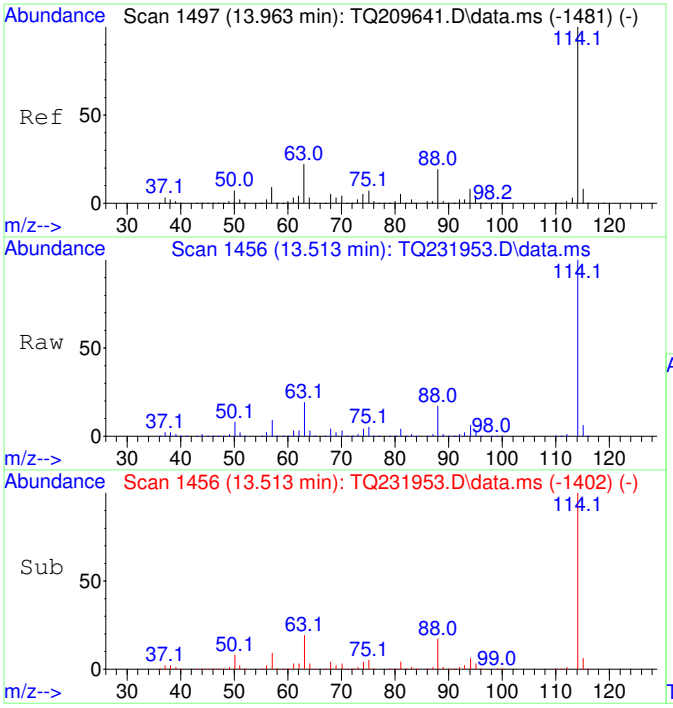


#37
n-Heptane
Concen: 0.43 ppbv
RT: 13.111 min Scan# 1390
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 43 Resp: 26220

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	52.7	42.6	64.0
100	9.7	13.3	19.9#

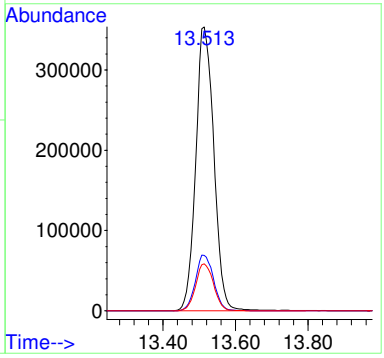


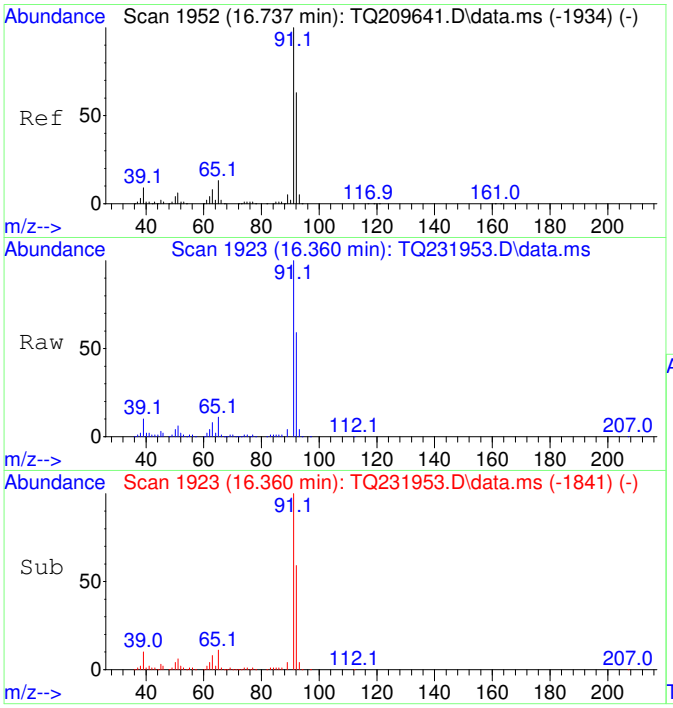


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.513 min Scan# 1456
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:114 Resp: 1225748

Ion	Ratio	Lower	Upper
114	100		
63	19.8	12.9	26.9
88	16.6	10.7	22.3

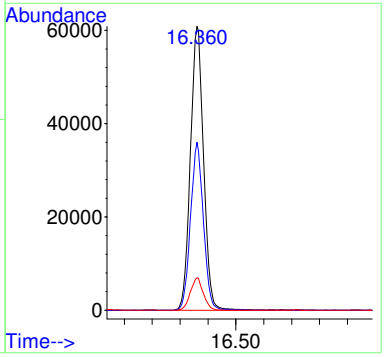


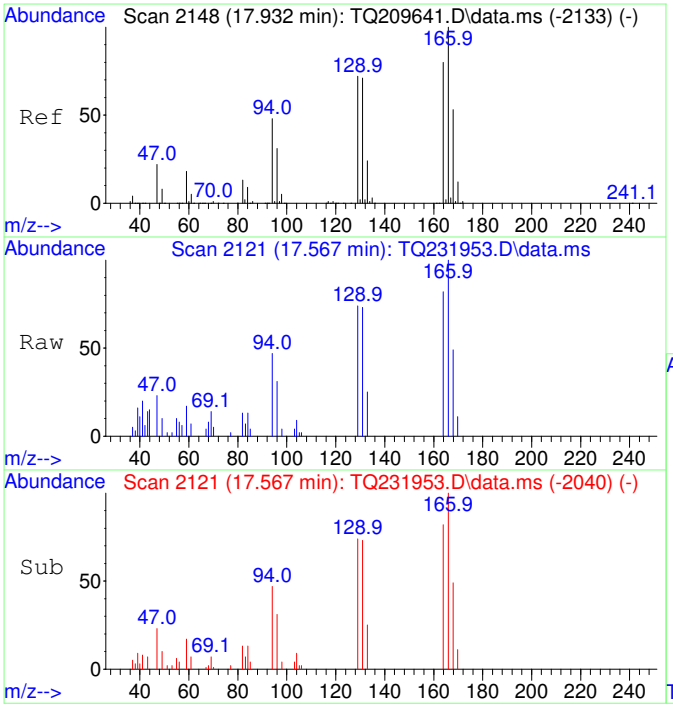


#46
Toluene
Concen: 1.52 ppbv
RT: 16.360 min Scan# 1923
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 91 Resp: 200452

Ion	Ratio	Lower	Upper
91	100		
92	57.7	38.7	80.3
65	11.3	7.5	15.5

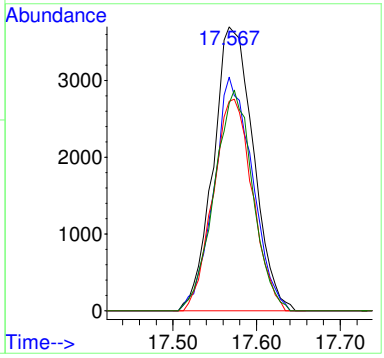


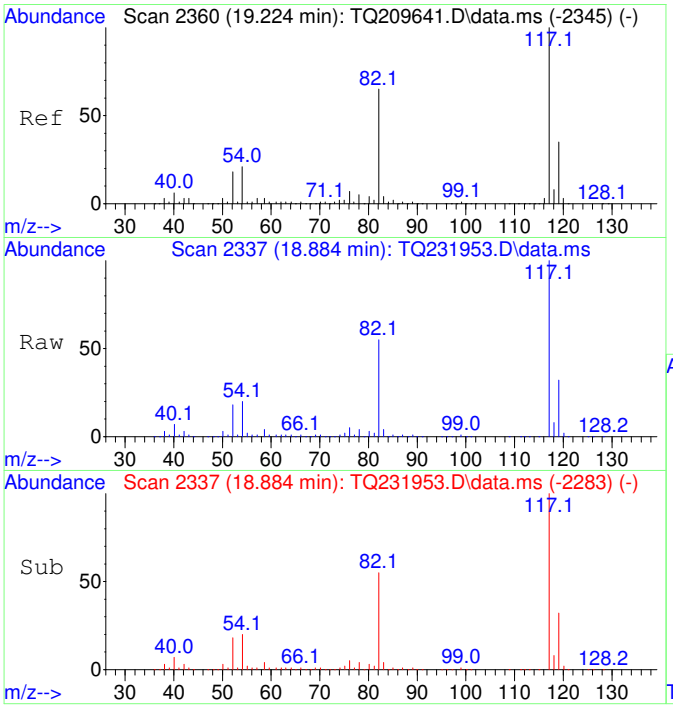


#51
Tetrachloroethylene
Concen: 0.19 ppbv
RT: 17.567 min Scan# 2121
Delta R.T. -0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:166 Resp: 12313

Ion	Ratio	Lower	Upper
166	100		
164	79.1	51.0	106.0
129	73.1	48.1	99.9
131	74.5	46.3	96.3

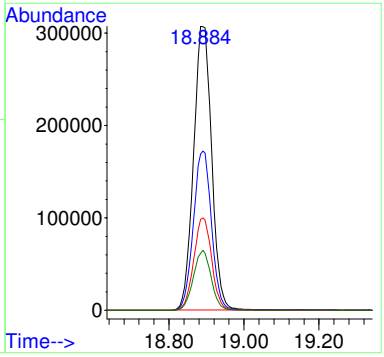


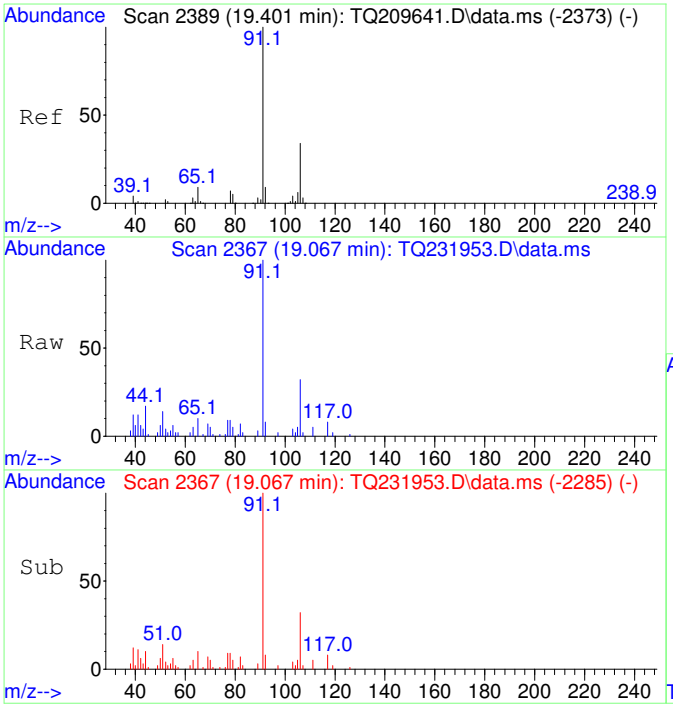


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.884 min Scan# 2337
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:117 Resp: 1029759

Ion	Ratio	Lower	Upper
117	100		
82	56.3	37.1	77.1
119	32.3	22.1	45.9
54	20.9	13.8	28.6

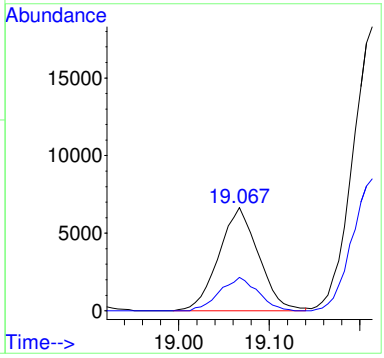


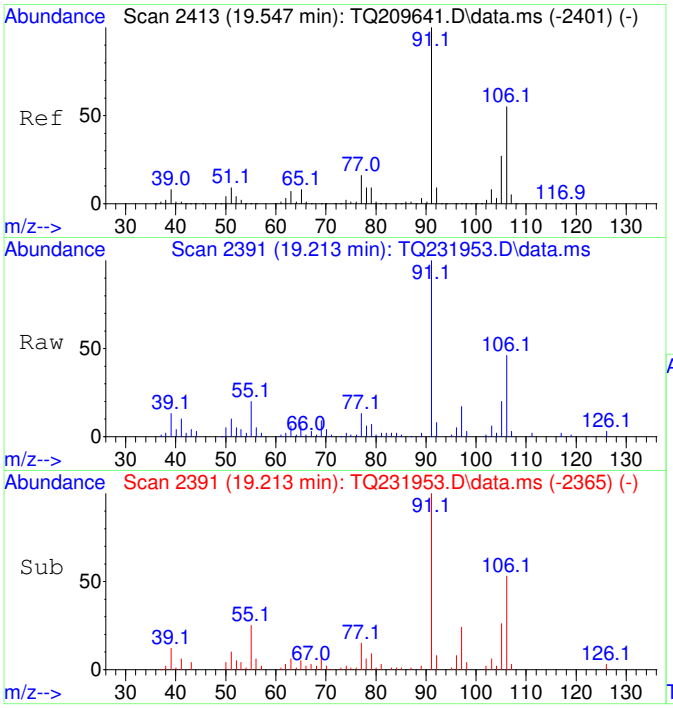


#57
Ethylbenzene
Concen: 0.12 ppbv
RT: 19.067 min Scan# 2367
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 91 Resp: 20319

Ion	Ratio	Lower	Upper
91	100		
106	31.0	20.5	42.7

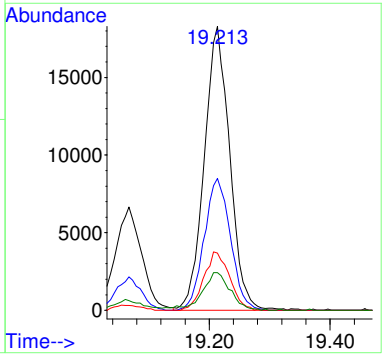


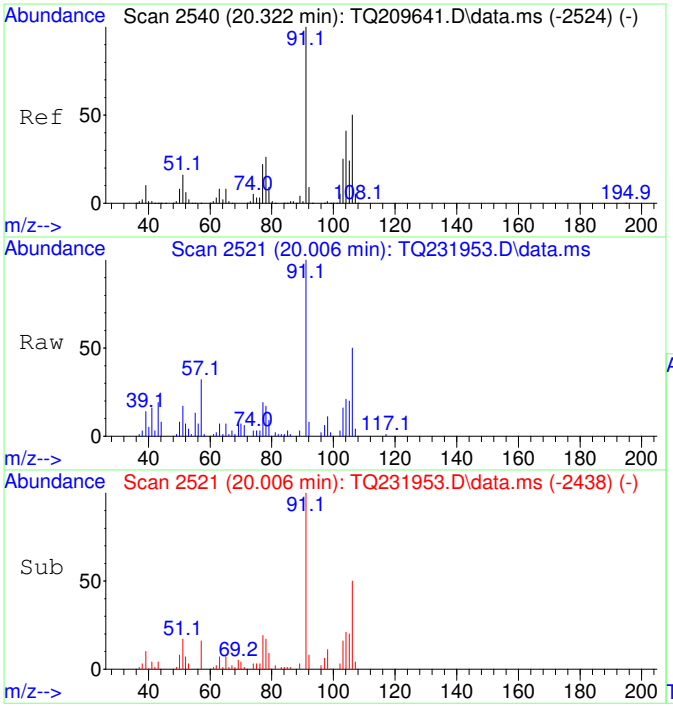


#58
p- & m-Xylenes
Concen: 0.43 ppbv
RT: 19.213 min Scan# 2391
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 91 Resp: 53591

Ion	Ratio	Lower	Upper
91	100		
106	47.9	32.6	67.8
105	20.8	14.5	30.1
77	15.0	8.5	17.7

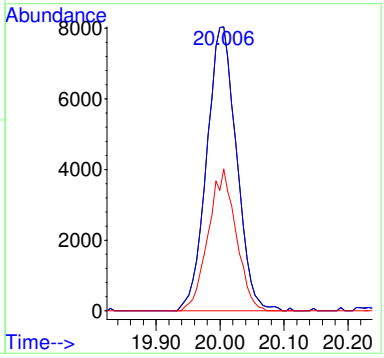


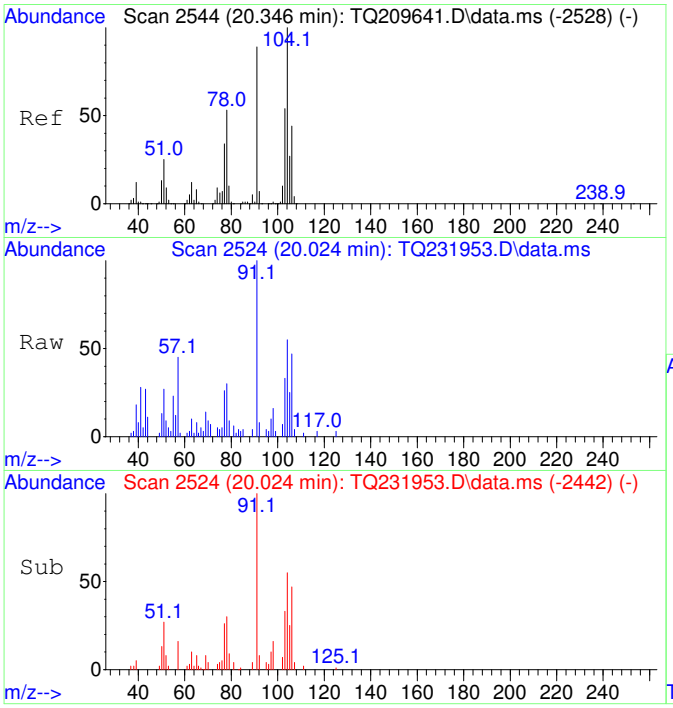


#59
o-Xylene
Concen: 0.20 ppbv
RT: 20.006 min Scan# 2521
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 91 Resp: 26003

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	46.4	38.2	57.2

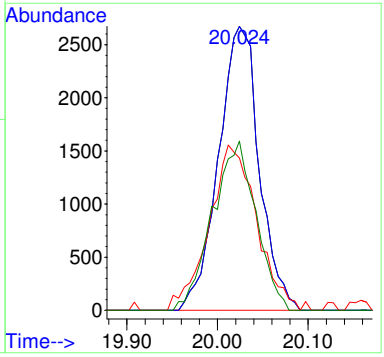


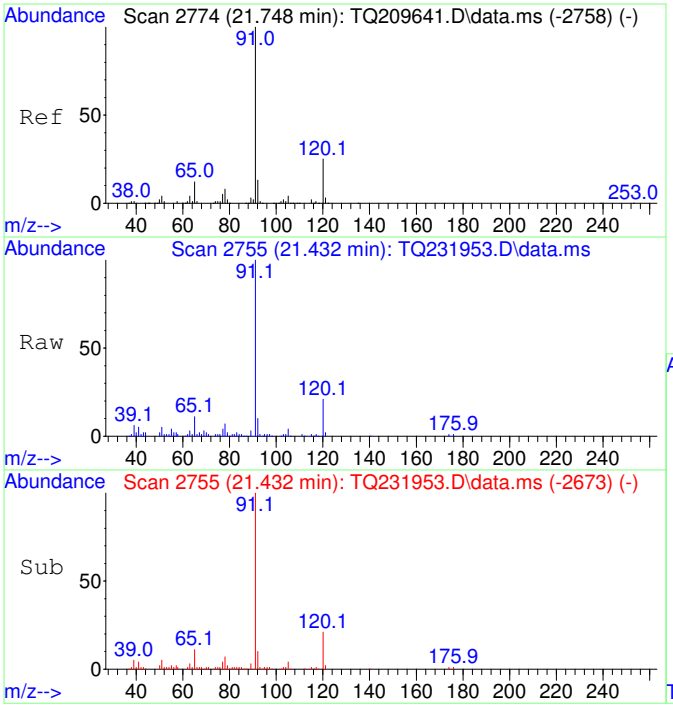


#60
Styrene
Concen: 0.09 ppbv
RT: 20.024 min Scan# 2524
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:104 Resp: 8375

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	0.0	0.0

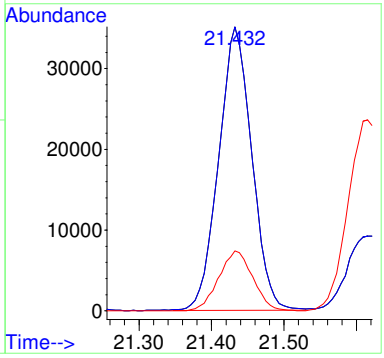


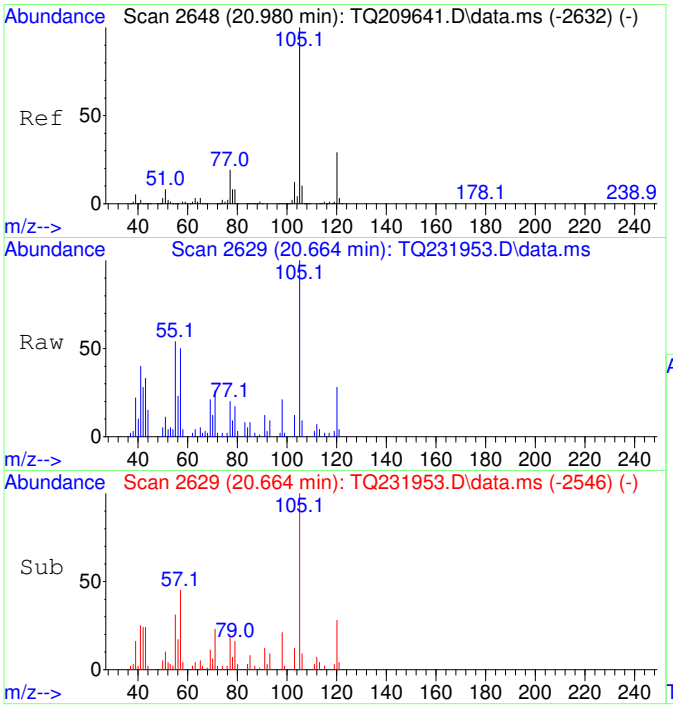


#62
n-Propylbenzene
Concen: 0.54 ppbv
RT: 21.432 min Scan# 2755
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 91 Resp: 111226

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	21.8	10.0	30.0

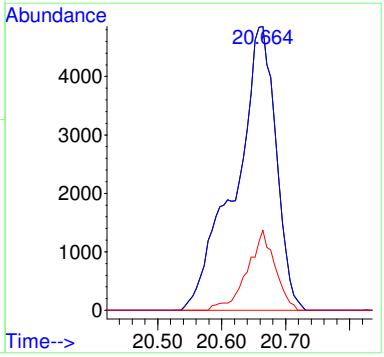


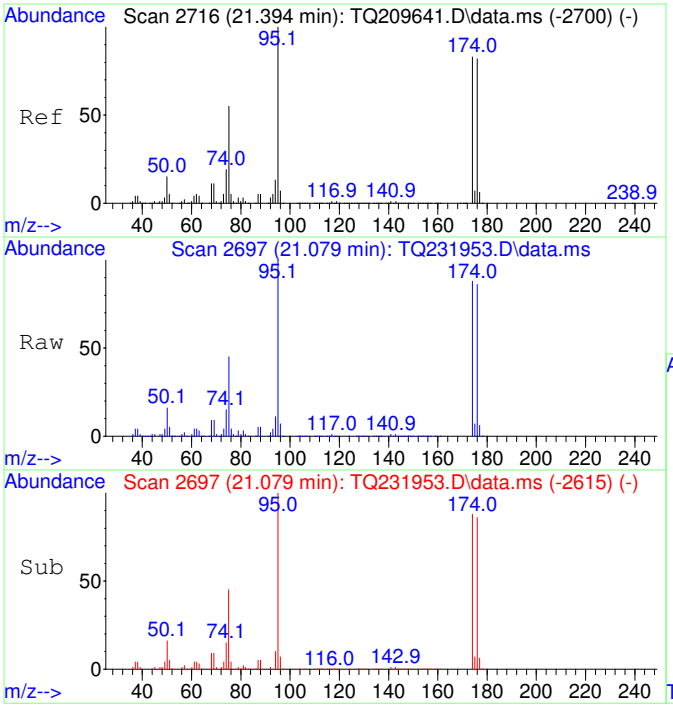


#63
Isopropylbenzene
Concen: 0.12 ppbv
RT: 20.664 min Scan# 2629
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:105 Resp: 21454

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	19.2	10.0	30.0

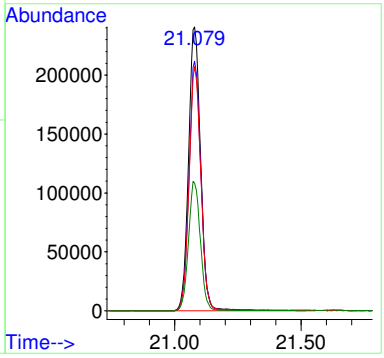


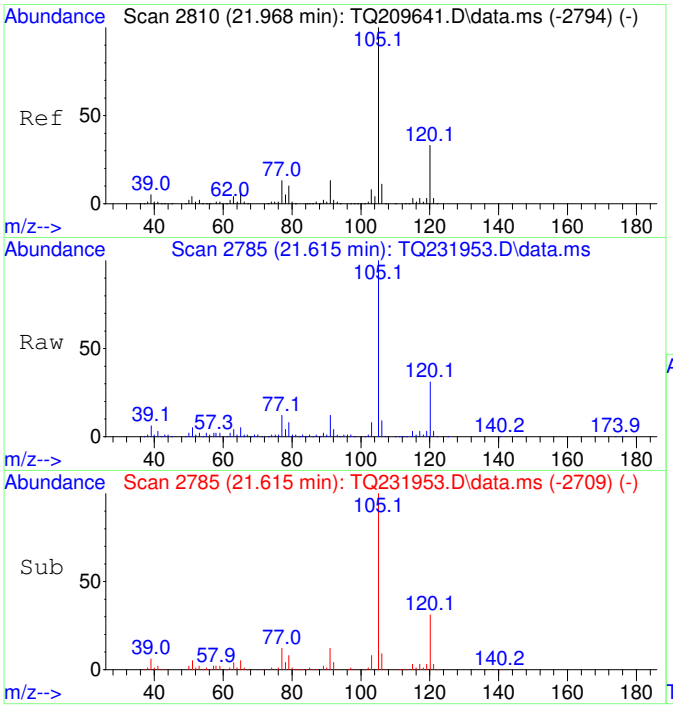


#65
p-Bromofluorobenzene
Concen: 10.15 ppbv
RT: 21.079 min Scan# 2697
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion: 95 Resp: 794619

Ion	Ratio	Lower	Upper
95	100		
174	86.9	53.2	110.6
176	84.9	51.6	107.2
75	45.1	30.7	63.7

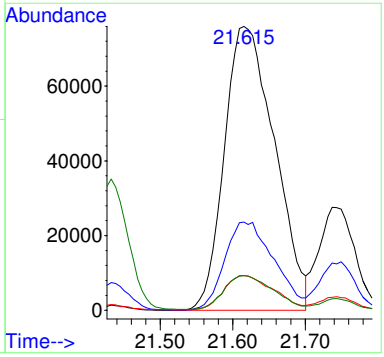


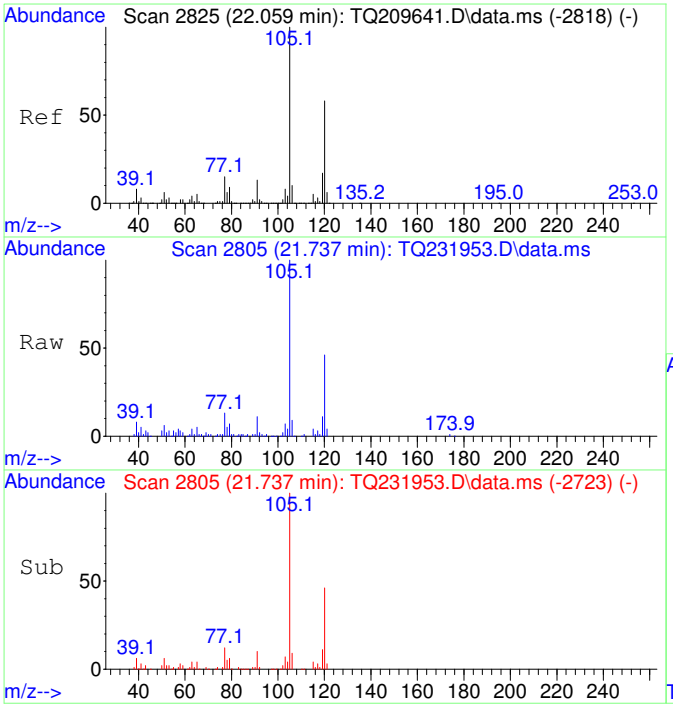


#66
4-Ethyltoluene
Concen: 2.17 ppbv
RT: 21.615 min Scan# 2785
Delta R.T. -0.036 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:105 Resp: 366667

Ion	Ratio	Lower	Upper
105	100		
120	30.7	19.6	40.8
77	12.0	7.3	15.3
91	12.2	7.1	14.7

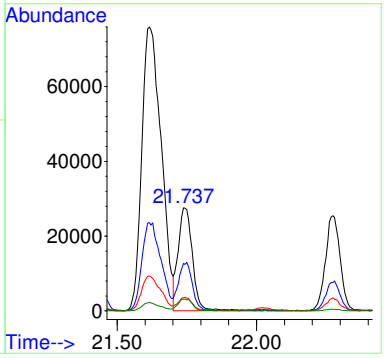


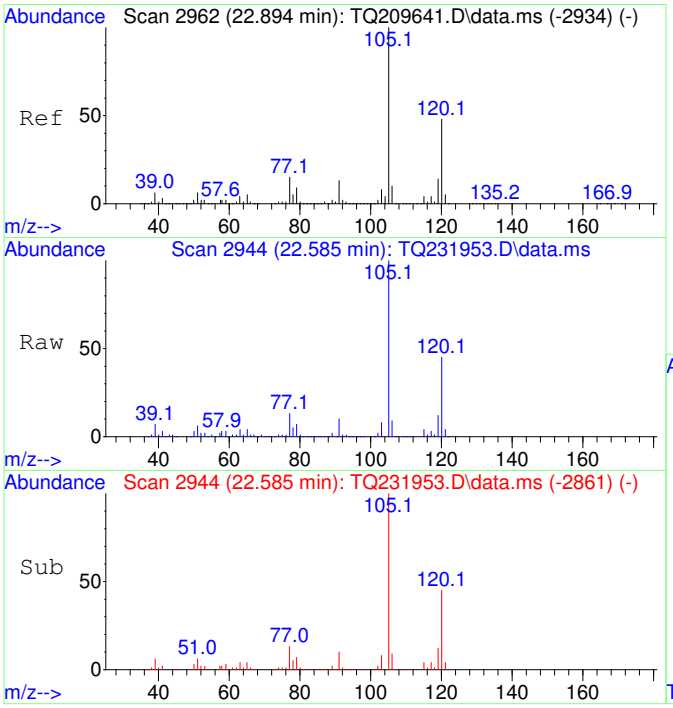


#67
1,3,5-Trimethylbenzene
Concen: 0.70 ppbv
RT: 21.737 min Scan# 2805
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:105 Resp: 98887

Ion	Ratio	Lower	Upper
105	100		
120	46.2	39.2	58.8
77	13.7	10.1	15.1
119	11.8	6.1	18.3

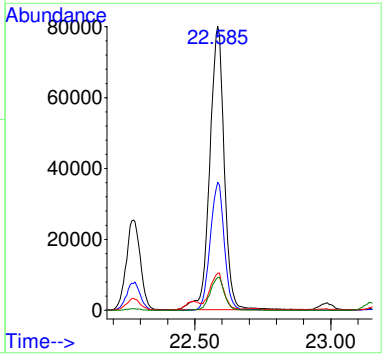


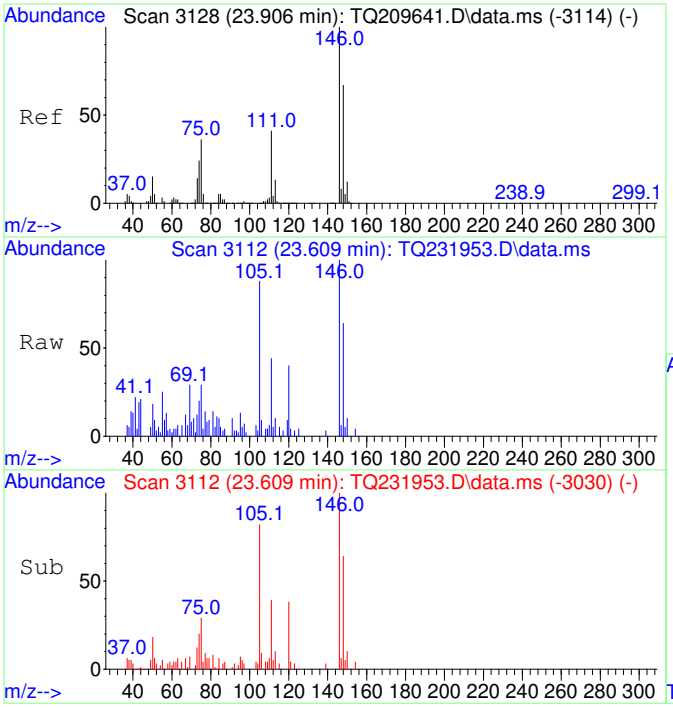


#69
1,2,4-Trimethylbenzene
Concen: 2.08 ppbv
RT: 22.585 min Scan# 2944
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:105 Resp: 296548

Ion	Ratio	Lower	Upper
105	100		
120	44.2	30.2	62.6
77	12.6	8.1	16.9
119	11.5	7.8	16.2

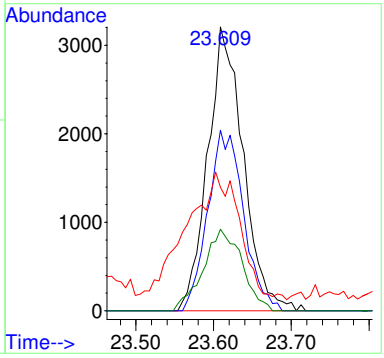


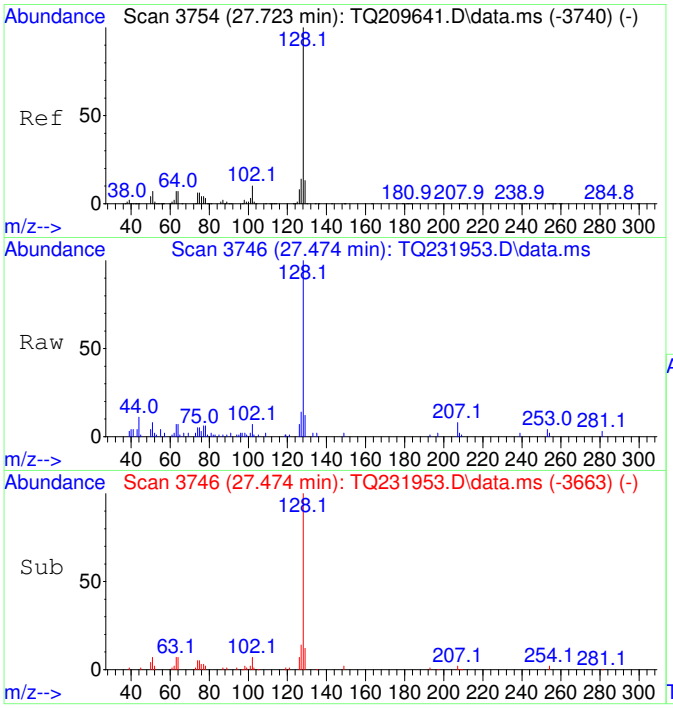


#73
1,4-Dichlorobenzene
Concen: 0.11 ppbv
RT: 23.609 min Scan# 3112
Delta R.T. 0.000 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:146 Resp: 10193

Ion	Ratio	Lower	Upper
146	100		
148	63.9	41.6	86.4
111	74.6	24.8	51.6#
75	31.3	19.0	39.6

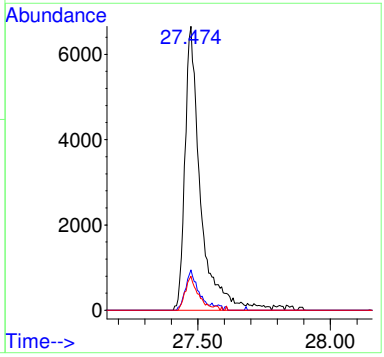




#79
Naphthalene
Concen: 0.17 ppbv
RT: 27.474 min Scan# 3746
Delta R.T. 0.006 min
Lab File: TQ231953.D
Acq: 8 Apr 2025 10:03 pm

Tgt Ion:128 Resp: 27590

Ion	Ratio	Lower	Upper
128	100		
127	12.7	8.1	16.9
129	10.3	7.1	14.7



DUPLICATES

EPA TO-15

AI-13 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Laboratory ID: BD50585-DUP1
Batch: BD50585
Lab Source ID: 25C1716-06
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL
Source Sample Name: AI-13 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
1,1,1,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,1-Trichloroethane	25	ND		ND				EPA TO-15
1,1,2,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	ND		0.73				EPA TO-15
1,1,2-Trichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethylene	25	ND		ND				EPA TO-15
1,2,4-Trichlorobenzene	25	ND		ND				EPA TO-15
1,2,4-Trimethylbenzene	25	8.90		17		63.2	*	EPA TO-15
1,2-Dibromoethane	25	ND		ND				EPA TO-15
1,2-Dichlorobenzene	25	ND		ND				EPA TO-15
1,2-Dichloroethane	25	ND		ND				EPA TO-15
1,2-Dichloropropane	25	ND		ND				EPA TO-15
1,2-Dichlorotetrafluoroethane	25	ND		ND				EPA TO-15
1,3,5-Trimethylbenzene	25	2.99		5.7		62.1	*	EPA TO-15
1,3-Butadiene	25	ND		ND				EPA TO-15
1,3-Dichlorobenzene	25	ND		ND				EPA TO-15
1,3-Dichloropropane	25	ND		ND				EPA TO-15
1,4-Dichlorobenzene	25	0.575		0.58		0.00		EPA TO-15
1,4-Dioxane	25	ND		ND				EPA TO-15
2,2,4-Trimethylpentane	25	0.528		0.57		7.41		EPA TO-15
2-Butanone	25	1.92		2.1		6.45		EPA TO-15
2-Hexanone	25	ND		ND				EPA TO-15
3-Chloropropene	25	ND		ND				EPA TO-15
4-Methyl-2-pentanone	25	ND		ND				EPA TO-15
Acetone	25	21.7		22		0.854		EPA TO-15

DUPLICATES

EPA TO-15

AI-13 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: PVE, LLC.
Matrix: Air
Batch: BD50585
Preparation: EPA TO15 PREP
Source Sample Name: AI-13 20250326

SDG: 25C1716
Project: 20240302
Laboratory ID: BD50585-DUP1
Lab Source ID: 25C1716-06
Initial/Final: 400 mL / 400 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Acrylonitrile	25	ND		ND				EPA TO-15
Benzene	25	1.28		1.2		6.74		EPA TO-15
Benzyl chloride	25	ND		ND				EPA TO-15
Bromochloromethane		10.0		10				EPA TO-15
Bromodichloromethane	25	ND		ND				EPA TO-15
Bromoform	25	ND		ND				EPA TO-15
Bromomethane	25	ND		ND				EPA TO-15
Carbon disulfide	25	ND		ND				EPA TO-15
Carbon tetrachloride	25	0.547		0.55		0.00		EPA TO-15
Chlorobenzene	25	ND		ND				EPA TO-15
Chloroethane	25	ND		ND				EPA TO-15
Chloroform	25	ND		ND				EPA TO-15
Chloromethane	25	1.81		1.9		1.96		EPA TO-15
cis-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
cis-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Cyclohexane	25	ND		ND				EPA TO-15
Dibromochloromethane	25	ND		ND				EPA TO-15
Dichlorodifluoromethane	25	3.10		3.2		4.08		EPA TO-15
Ethyl acetate	25	4.20		4.4		3.66		EPA TO-15
Ethyl Benzene	25	0.453		0.53		15.4		EPA TO-15
Hexachlorobutadiene	25	ND		ND				EPA TO-15
Isopropanol	25	11.5		14		21.2		EPA TO-15
ISTD: 1,4-Difluorobenzene		10.0		10				EPA TO-15
ISTD: d5-Chlorobenzene		10.0		10				EPA TO-15
Methyl Methacrylate	25	ND		ND				EPA TO-15
Methyl tert-butyl ether (MTBE)	25	ND		ND				EPA TO-15

DUPLICATES

EPA TO-15

AI-13 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: PVE, LLC.
Matrix: Air
Batch: BD50585
Preparation: EPA TO15 PREP
Source Sample Name: AI-13 20250326

SDG: 25C1716
Project: 20240302
Laboratory ID: BD50585-DUP1
Lab Source ID: 25C1716-06
Initial/Final: 400 mL / 400 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Methylene chloride	25	ND		ND				EPA TO-15
Naphthalene	25	ND		ND				EPA TO-15
n-Heptane	25	1.53		1.6		4.55		EPA TO-15
n-Hexane	25	0.767		0.83		7.69		EPA TO-15
o-Xylene	25	0.755		0.98		26.1	*	EPA TO-15
p- & m- Xylenes	25	1.62		1.8		11.0		EPA TO-15
p-Ethyltoluene	25	9.28		17		60.5	*	EPA TO-15
Propylene	25	ND		ND				EPA TO-15
Styrene	25	ND		ND				EPA TO-15
Tetrachloroethylene	25	1.12		1.6		34.8	*	EPA TO-15
Tetrahydrofuran	25	1.26		1.4		13.3		EPA TO-15
Toluene	25	4.98		5.5		10.0		EPA TO-15
trans-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
trans-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Trichloroethylene	25	ND		ND				EPA TO-15
Trichlorofluoromethane (Freon 11)	25	1.56		1.6		0.00		EPA TO-15
Vinyl acetate	25	ND		ND				EPA TO-15
Vinyl bromide	25	ND		ND				EPA TO-15
Vinyl Chloride	25	ND		ND				EPA TO-15

* Values outside of QC limits

DUPLICATE RAW DATA

SDG: 25C1716
CLASS: AIR
METHOD: EPA TO-15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231954.D
Acq On : 8 Apr 2025 11:08 pm
Operator : YR
Sample : BD50585-DUP1
Misc : QBTO2040525A .533X
ALS Vial : 14 Sample Multiplier: 0.87

Quant Time: Apr 09 08:46:56 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

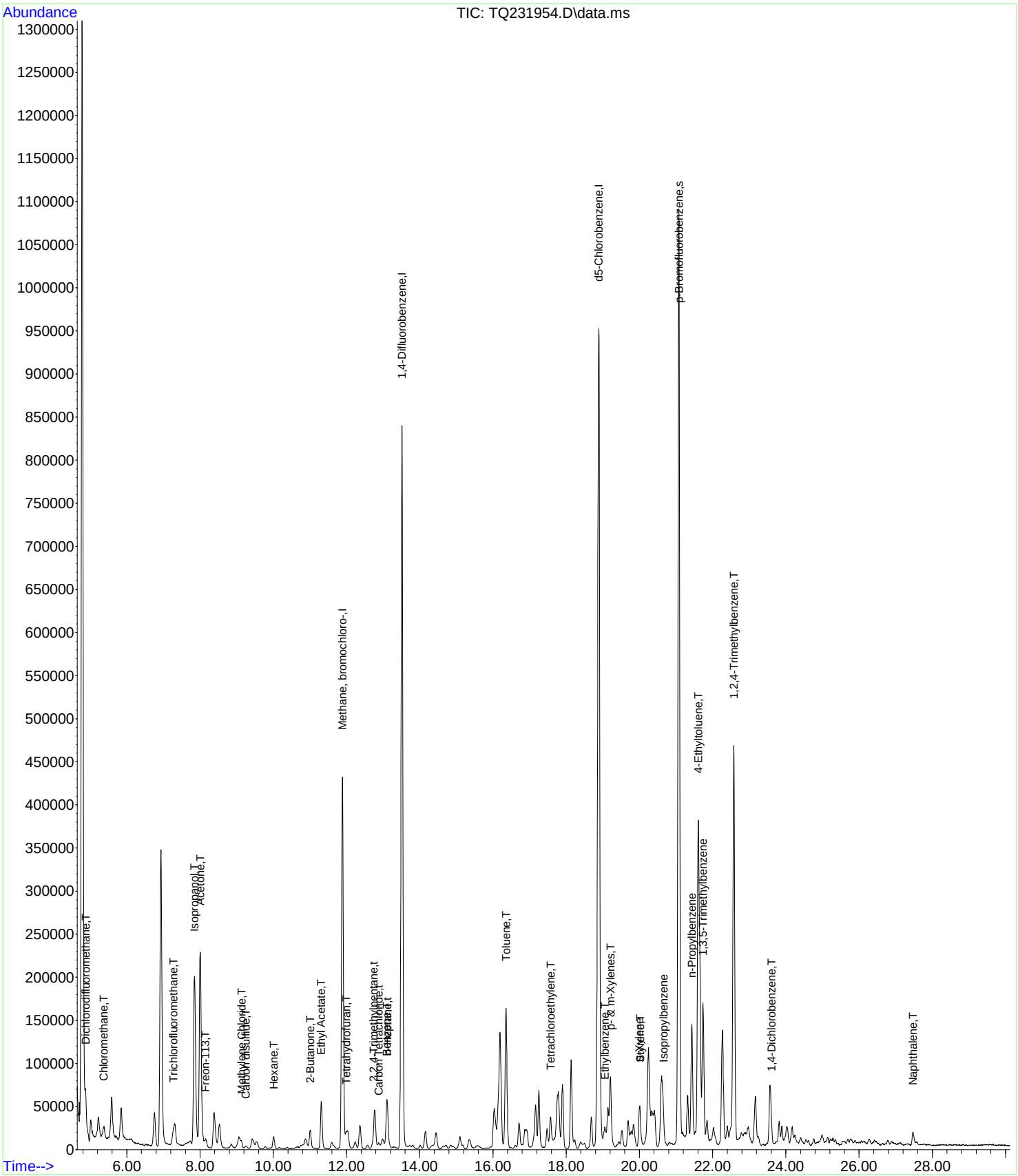
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.892	49	382630	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1222832	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1055298	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	761351	9.49	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.90%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.875	85	54673	0.75	ppbv		99
5) Chloromethane	5.362	50	23212	1.03	ppbv		99
11) Trichlorofluoromethane	7.271	101	24247	0.32	ppbv		99
12) Isopropanol	7.844	45	421086	6.67	ppbv		100
14) Acetone	8.008	43	561893	10.58	ppbv		98
15) Freon-113	8.142	101	6604	0.11	ppbv		97
18) Methylene Chloride	9.130	49	9051	0.26	ppbv		95
20) Carbon disulfide	9.246	76	3630	0.04	ppbv	#	51
23) Hexane	10.014	57	11874	0.27	ppbv		91
26) 2-Butanone	11.014	43	49972	0.80	ppbv		98
27) Ethyl Acetate	11.306	43	103624	1.39	ppbv	#	45
30) Tetrahydrofuran	11.995	42	19708	0.56	ppbv	#	73
33) 2,2,4-Trimethylpentane	12.739	57	20356	0.14	ppbv	#	1
34) Carbon Tetrachloride	12.879	117	6434	0.10	ppbv		99
36) Benzene	13.093	78	46253	0.43	ppbv		96
37) n-Heptane	13.117	43	26509	0.45	ppbv	#	73
46) Toluene	16.360	91	220122	1.68	ppbv		98
51) Tetrachloroethylene	17.573	166	17132	0.27	ppbv		99
57) Ethylbenzene	19.055	91	23062	0.14	ppbv		97
58) p- & m-Xylenes	19.213	91	61077	0.48	ppbv		96
59) o-Xylene	19.994	91	34480	0.26	ppbv		99
60) Styrene	20.018	104	9602	0.10	ppbv	#	100
62) n-Propylbenzene	21.432	91	213228	1.01	ppbv		99
63) Isopropylbenzene	20.658	105	31069	0.17	ppbv		100
66) 4-Ethyltoluene	21.609	105	700118	4.05	ppbv		98
67) 1,3,5-Trimethylbenzene	21.737	105	192388	1.33	ppbv		99
69) 1,2,4-Trimethylbenzene	22.579	105	585104	4.00	ppbv		98
73) 1,4-Dichlorobenzene	23.609	146	10581	0.11	ppbv	#	76
79) Naphthalene	27.474	128	30984	0.19	ppbv		99

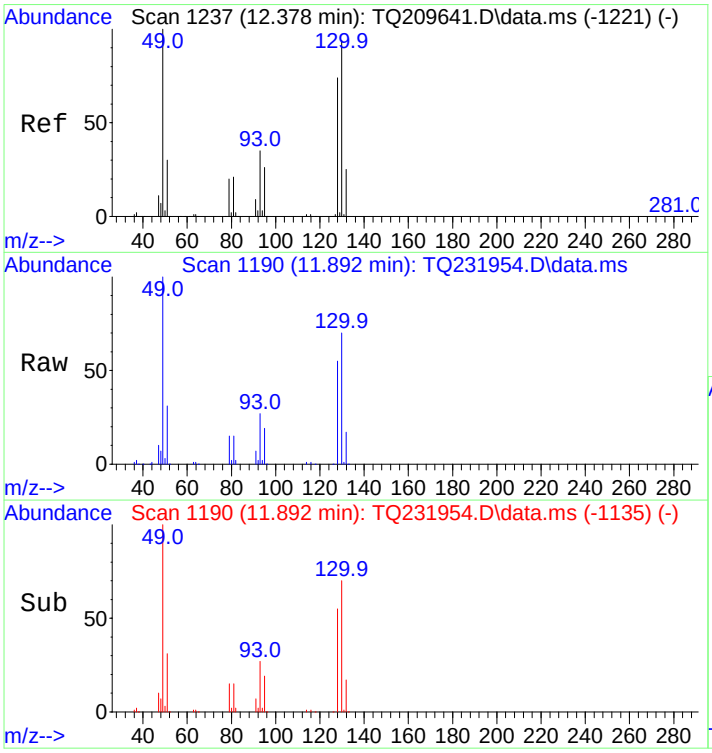
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231954.D
Acq On : 8 Apr 2025 11:08 pm
Operator : YR
Sample : BD50585-DUP1
Misc : QBTO2040525A .533X
ALS Vial : 14 Sample Multiplier: 0.87

Quant Time: Apr 09 08:46:56 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

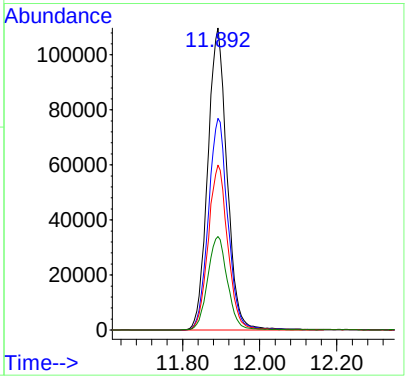


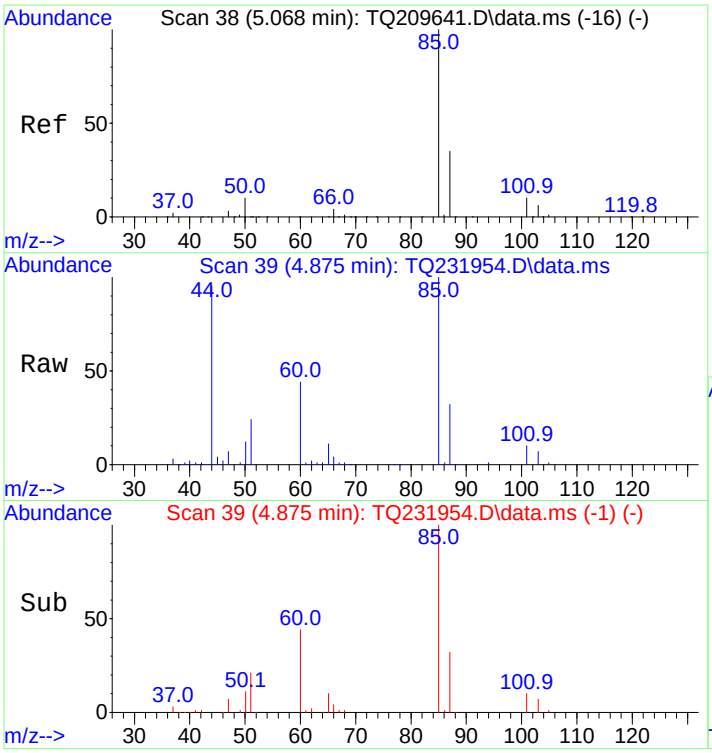


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.892 min Scan# 1190
Delta R.T. 0.007 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 49 Resp: 382630

Ion	Ratio	Lower	Upper
49	100		
130	71.0	48.1	99.9
128	55.3	38.3	79.5
51	31.4	20.3	42.3

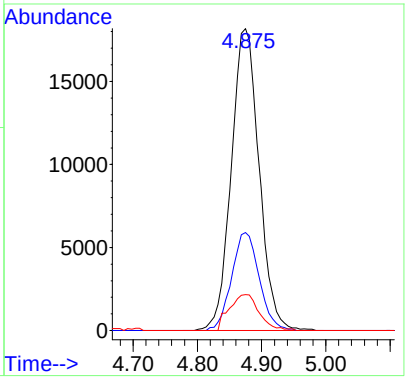


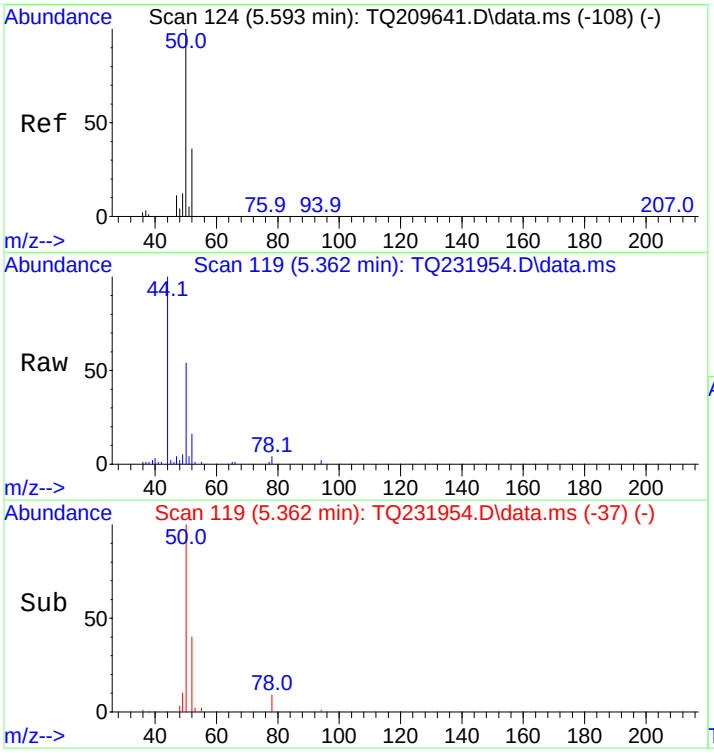


#3
Dichlorodifluoromethane
Concen: 0.75 ppbv
RT: 4.875 min Scan# 39
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 85 Resp: 54673

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.9	43.5
50	12.9	7.2	15.0

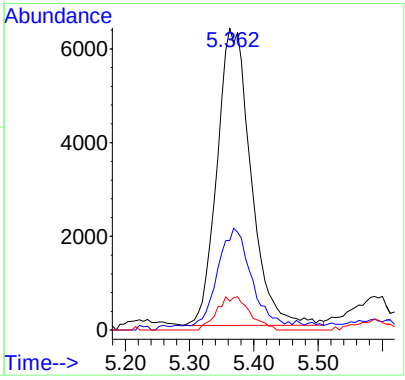


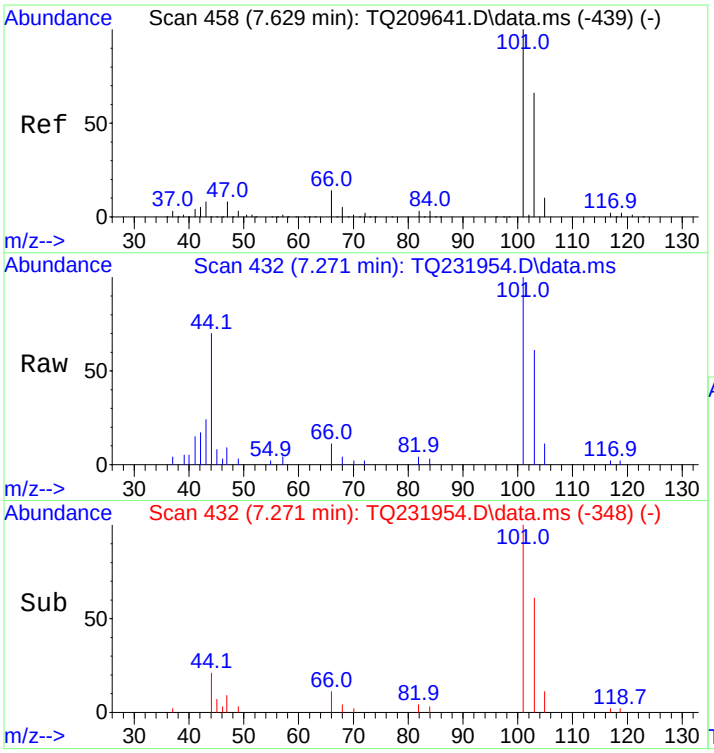


#5
Chloromethane
Concen: 1.03 ppbv
RT: 5.362 min Scan# 119
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 50 Resp: 23212

Ion	Ratio	Lower	Upper
50	100		
52	33.1	0.0	65.2
49	11.0	0.0	19.6

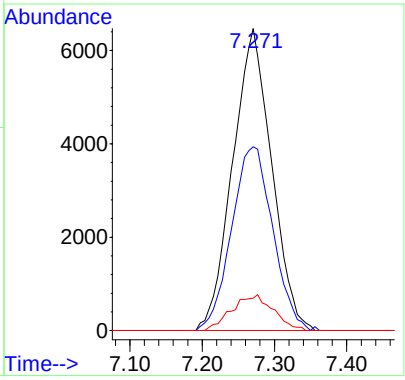


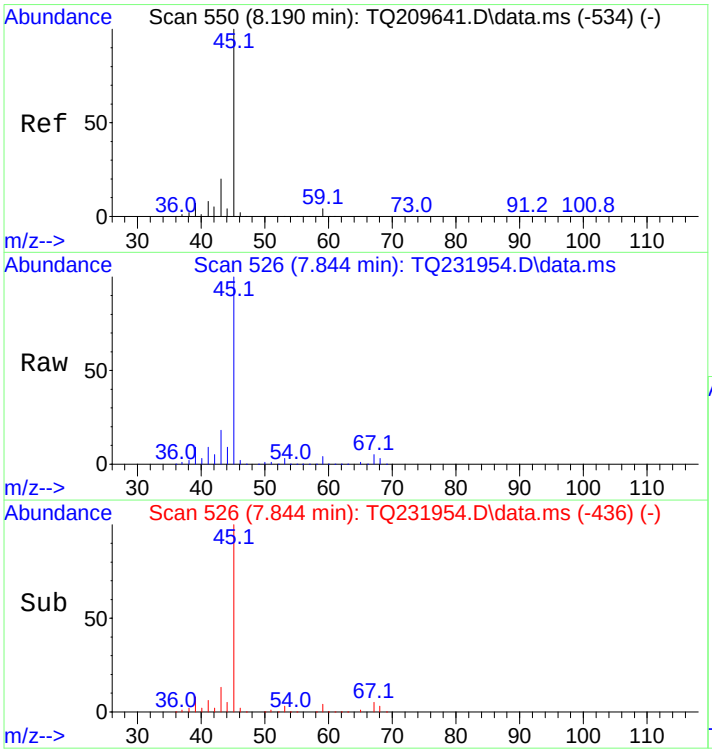


#11
Trichlorofluoromethane
Concen: 0.32 ppbv
RT: 7.271 min Scan# 432
Delta R.T. 0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:101 Resp: 24247

Ion	Ratio	Lower	Upper
101	100		
103	64.2	42.3	87.8
66	12.6	7.8	16.2

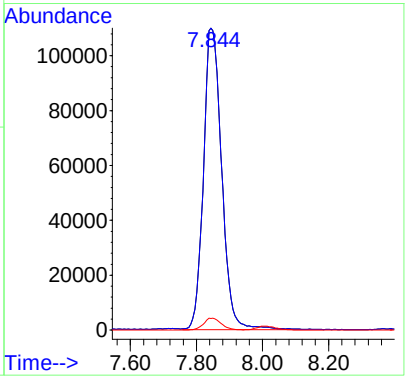


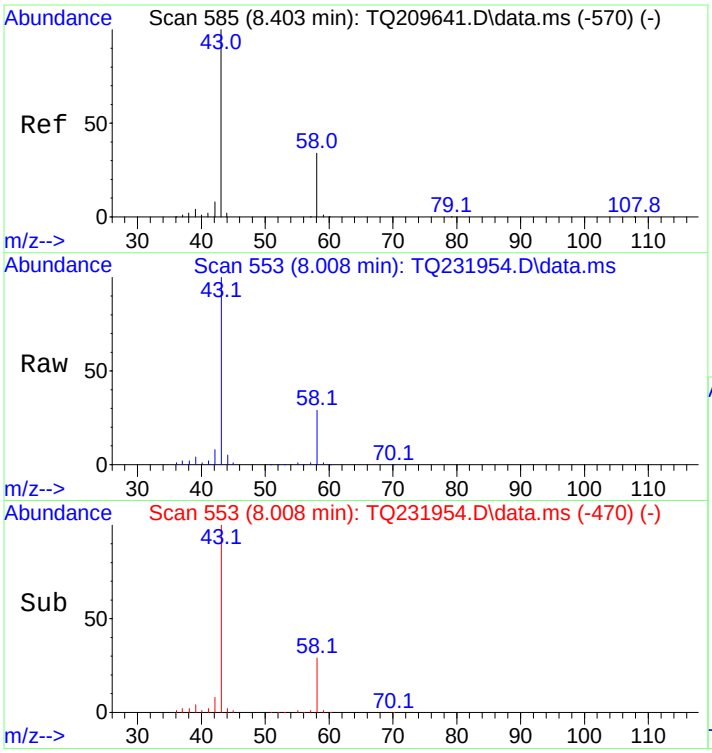


#12
Isopropanol
Concen: 6.67 ppbv
RT: 7.844 min Scan# 526
Delta R.T. 0.049 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 45 Resp: 421086

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	3.9	0.0	10.0

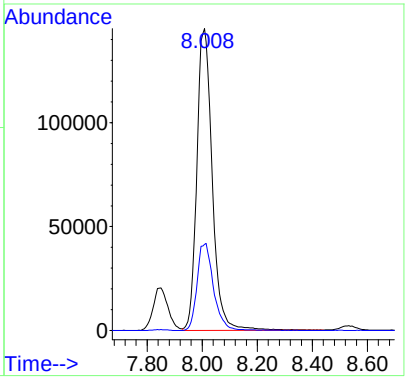


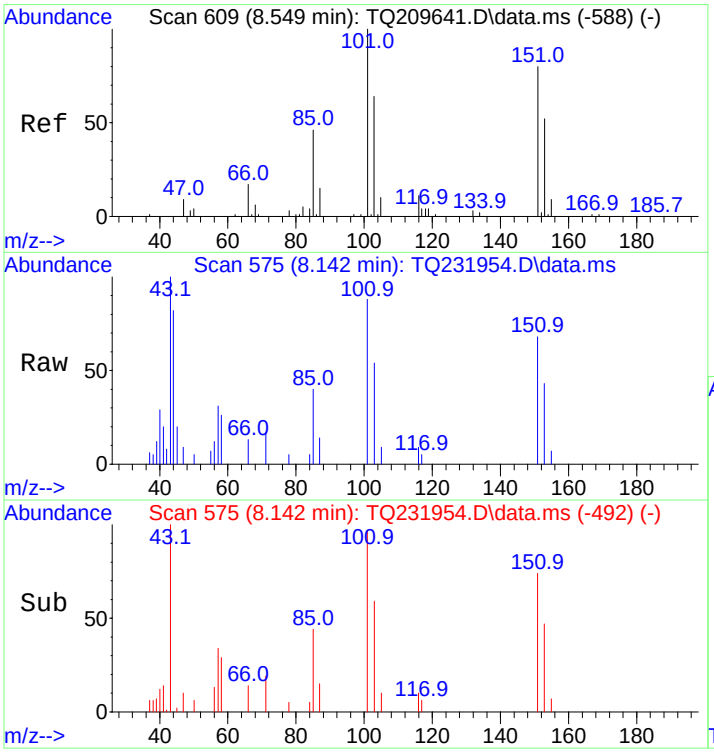


#14
Acetone
Concen: 10.58 ppbv
RT: 8.008 min Scan# 553
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 43 Resp: 561893

Ion	Ratio	Lower	Upper
43	100		
58	31.1	20.9	43.3

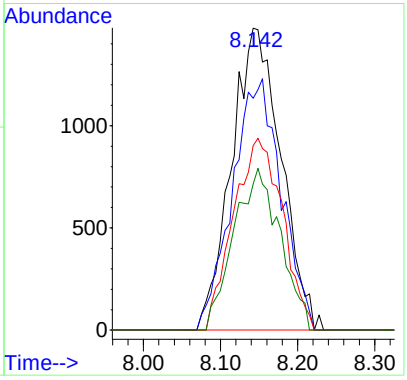


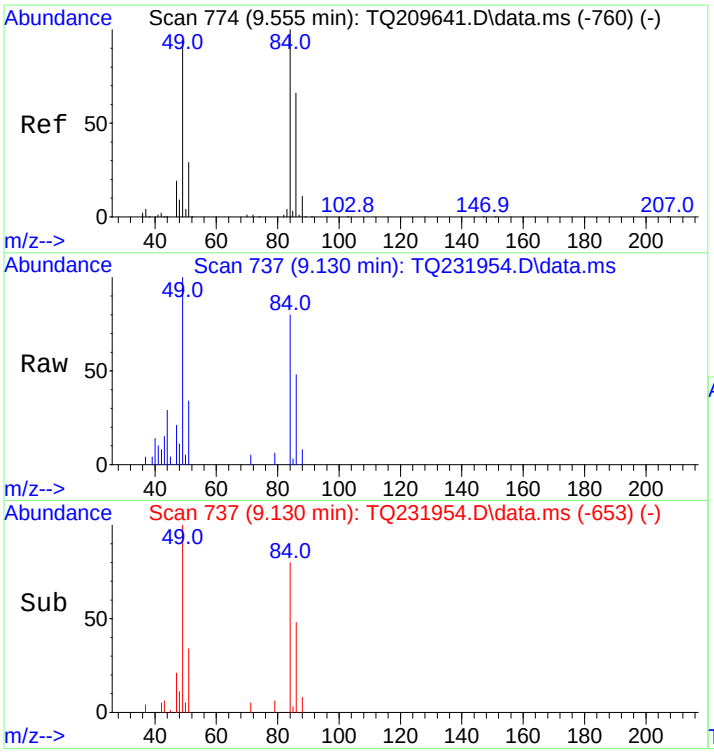


#15
Freon-113
Concen: 0.11 ppbv
RT: 8.142 min Scan# 575
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:101 Resp: 6604

Ion	Ratio	Lower	Upper
101	100		
151	82.1	50.5	104.9
103	62.8	42.0	87.2
153	50.1	32.4	67.4

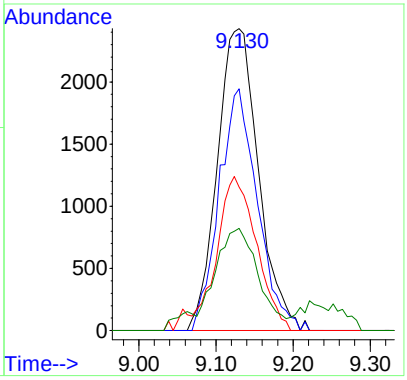


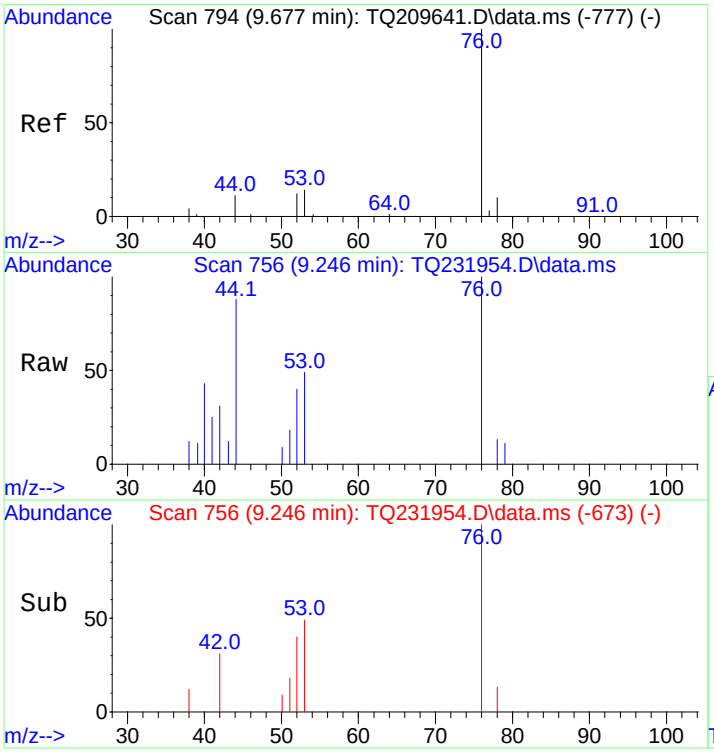


#18
Methylene Chloride
Concen: 0.26 ppbv
RT: 9.130 min Scan# 737
Delta R.T. 0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 49 Resp: 9051

Ion	Ratio	Lower	Upper
49	100		
84	74.8	49.9	103.5
86	50.8	31.8	66.0
51	38.4	20.2	41.9

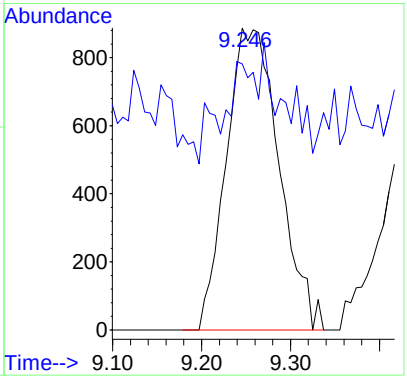


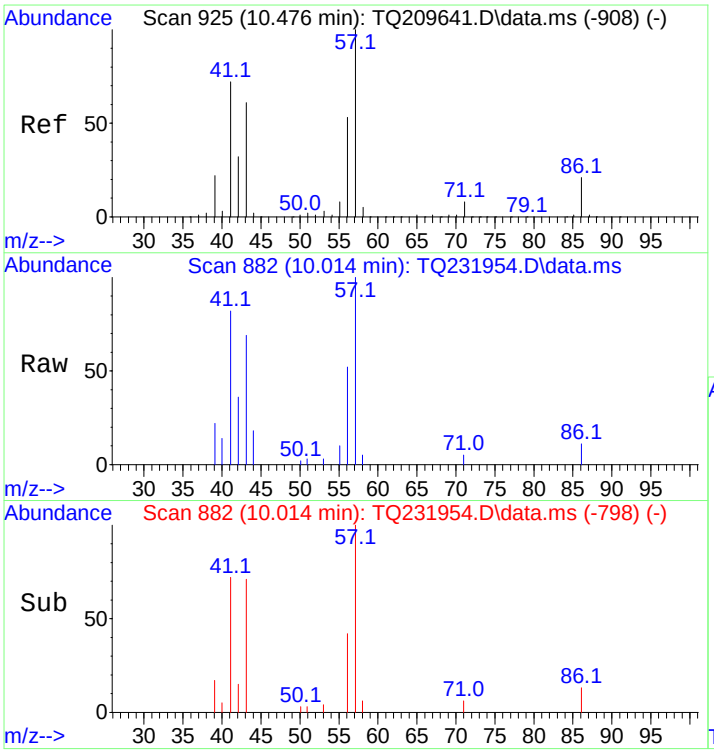


#20
Carbon disulfide
Concen: 0.04 ppbv
RT: 9.246 min Scan# 756
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 76 Resp: 3630

Ion	Ratio	Lower	Upper
76	100		
44	32.3	8.3	17.3#

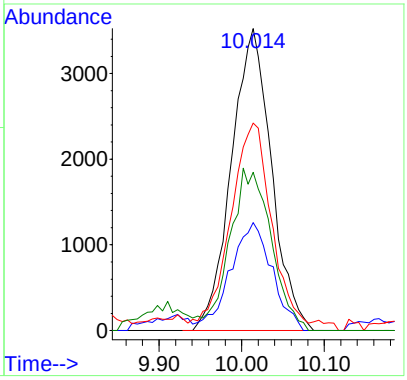


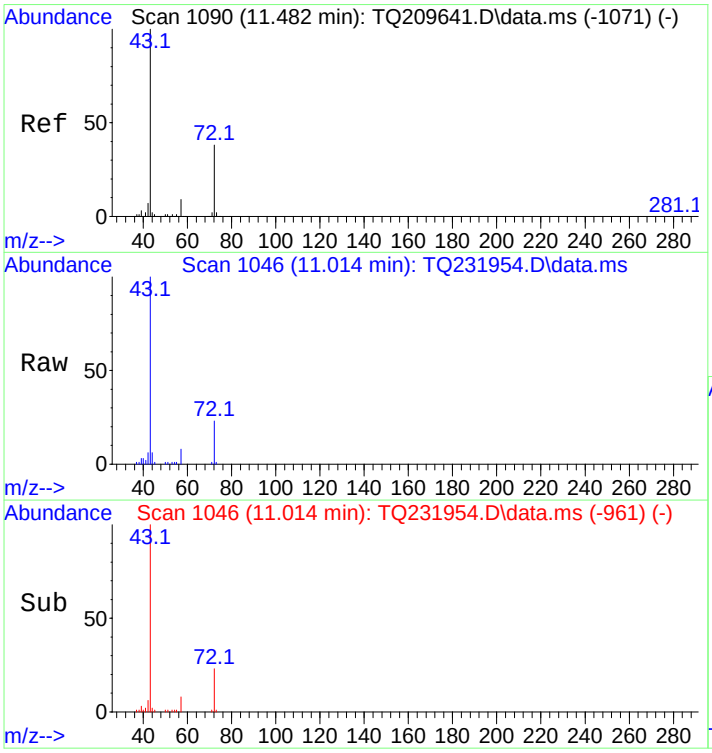


#23
Hexane
Concen: 0.27 ppbv
RT: 10.014 min Scan# 882
Delta R.T. 0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 57 Resp: 11874

Ion	Ratio	Lower	Upper
57	100		
42	37.1	21.6	45.0
43	73.3	42.0	87.2
56	55.9	33.3	69.1

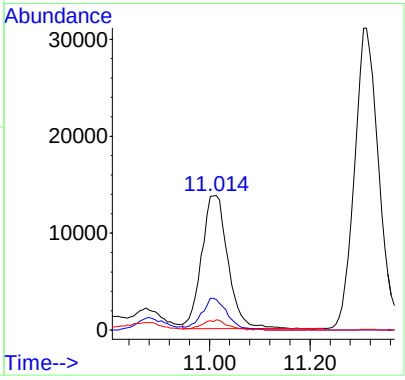


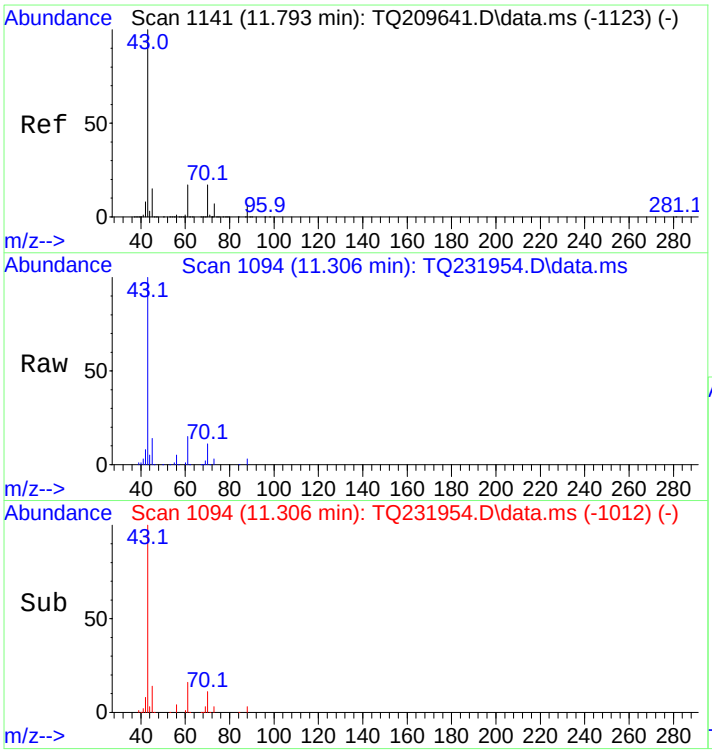


#26
2-Butanone
Concen: 0.80 ppbv
RT: 11.014 min Scan# 1046
Delta R.T. 0.018 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 43 Resp: 49972

Ion	Ratio	Lower	Upper
43	100		
72	23.2	16.1	33.5
57	7.6	4.9	10.3

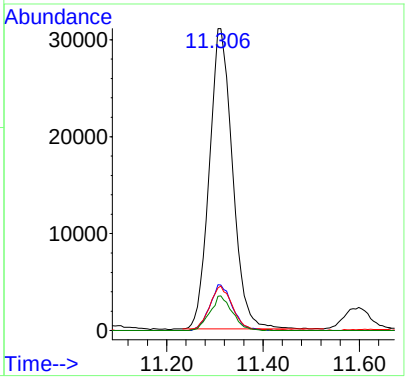


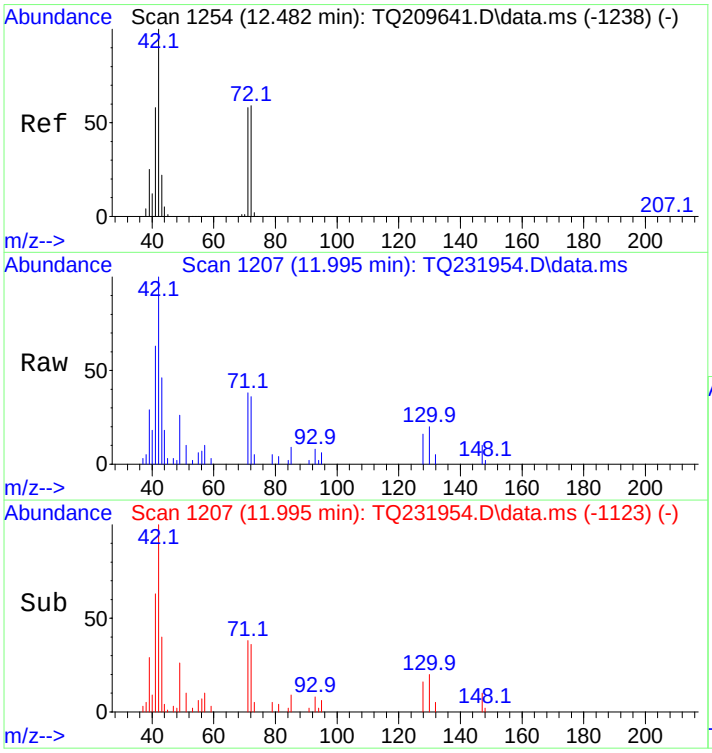


#27
Ethyl Acetate
Concen: 1.39 ppbv
RT: 11.306 min Scan# 1094
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 43 Resp: 103624

Ion	Ratio	Lower	Upper
43	100		
61	15.0	51.4	106.8#
45	15.0	9.4	19.6
70	11.1	7.5	15.5

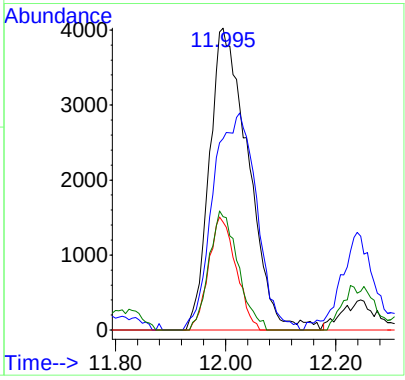


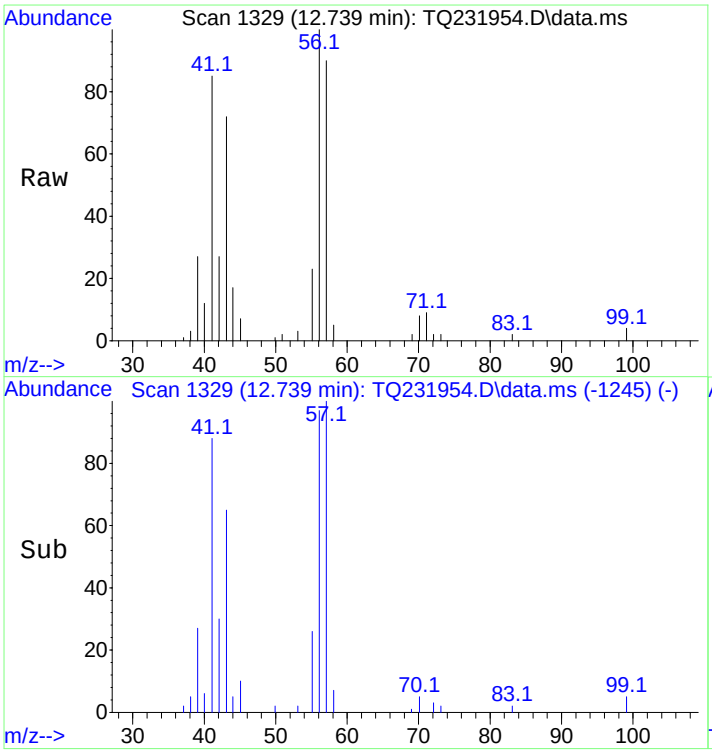


#30
Tetrahydrofuran
Concen: 0.56 ppbv
RT: 11.995 min Scan# 1207
Delta R.T. 0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 42 Resp: 19708

Ion	Ratio	Lower	Upper
42	100		
41	80.6	35.2	73.0#
72	26.4	27.2	56.6#
71	29.4	25.9	53.7

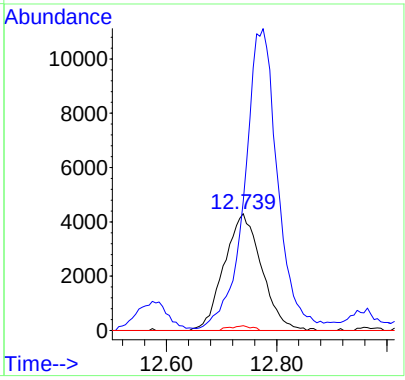


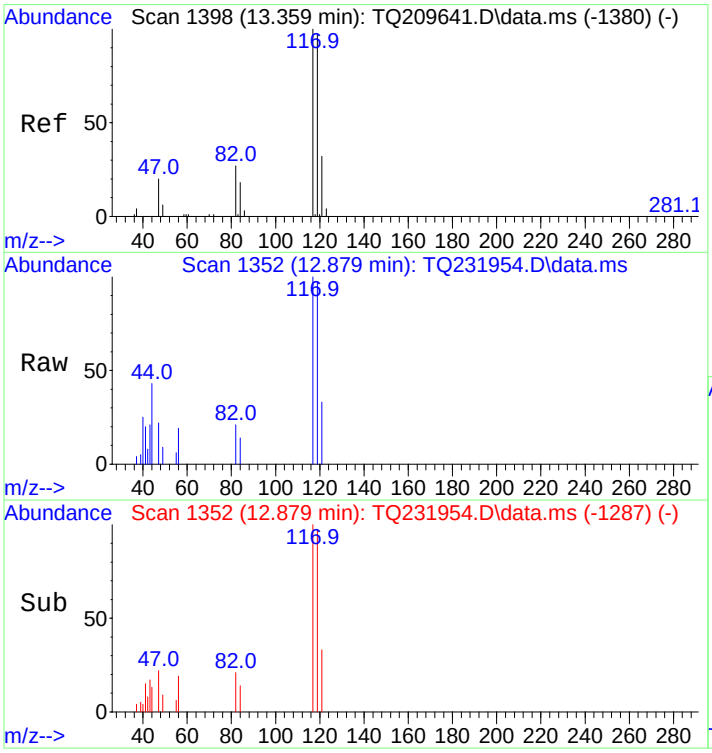


#33
2,2,4-Trimethylpentane
Concen: 0.14 ppbv
RT: 12.739 min Scan# 1329
Delta R.T. 0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 57 Resp: 20356

Ion	Ratio	Lower	Upper
57	100		
56	226.0	24.5	45.5#
99	0.0	3.5	6.5#

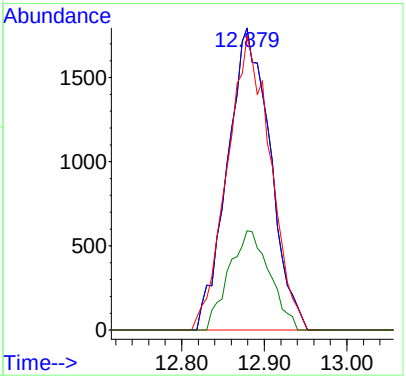


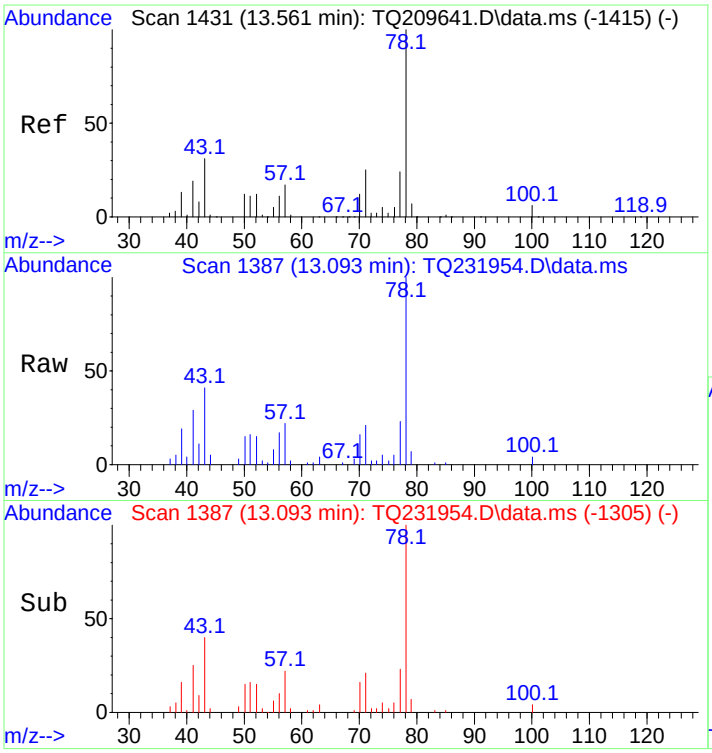


#34
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 12.879 min Scan# 1352
Delta R.T. -0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:117 Resp: 6434

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	98.6	76.9	115.3
121	31.3	21.7	40.3

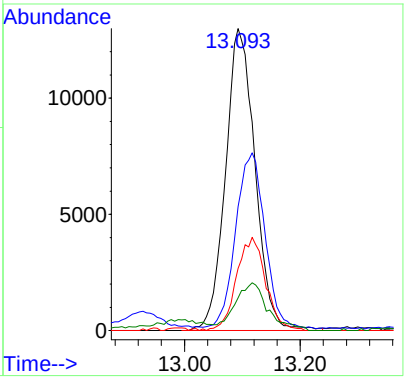


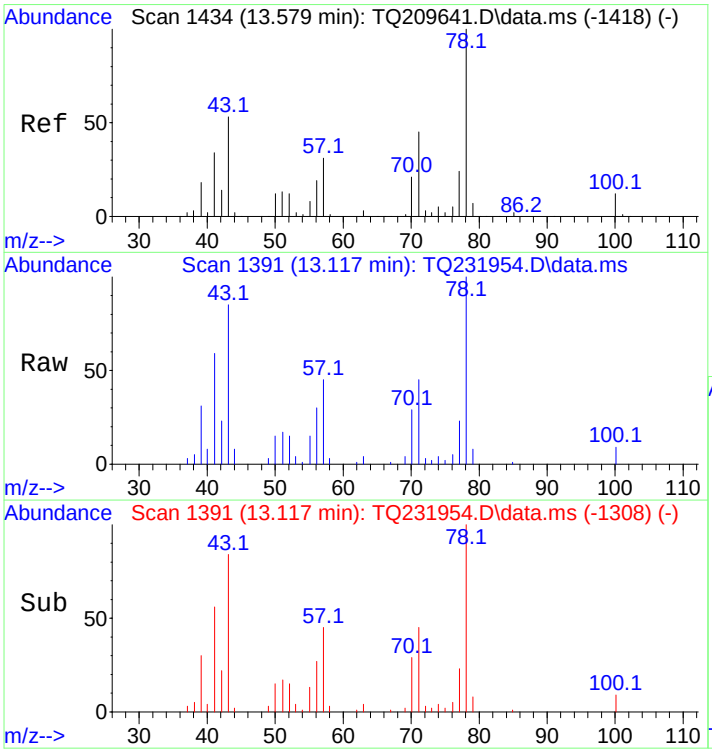


#36
Benzene
Concen: 0.43 ppbv
RT: 13.093 min Scan# 1387
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 78 Resp: 46253

Ion	Ratio	Lower	Upper
78	100		
43	56.8	37.5	77.9
71	30.3	22.0	45.8
42	17.4	8.8	18.4

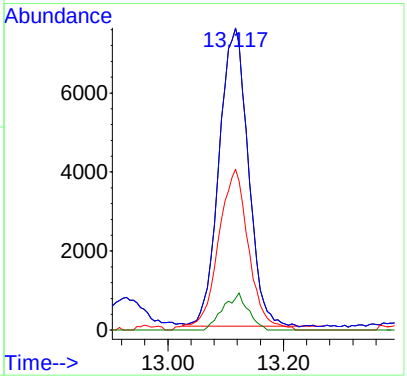


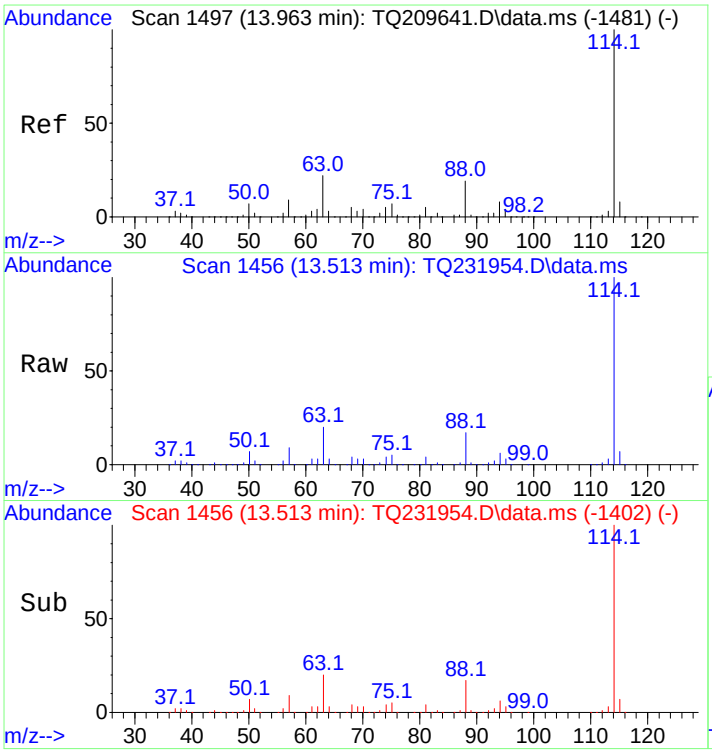


#37
n-Heptane
Concen: 0.45 ppbv
RT: 13.117 min Scan# 1391
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 43 Resp: 26509

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	42.6	64.0#
100	0.0	13.3	19.9#

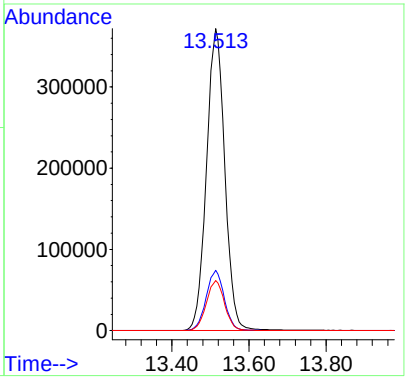


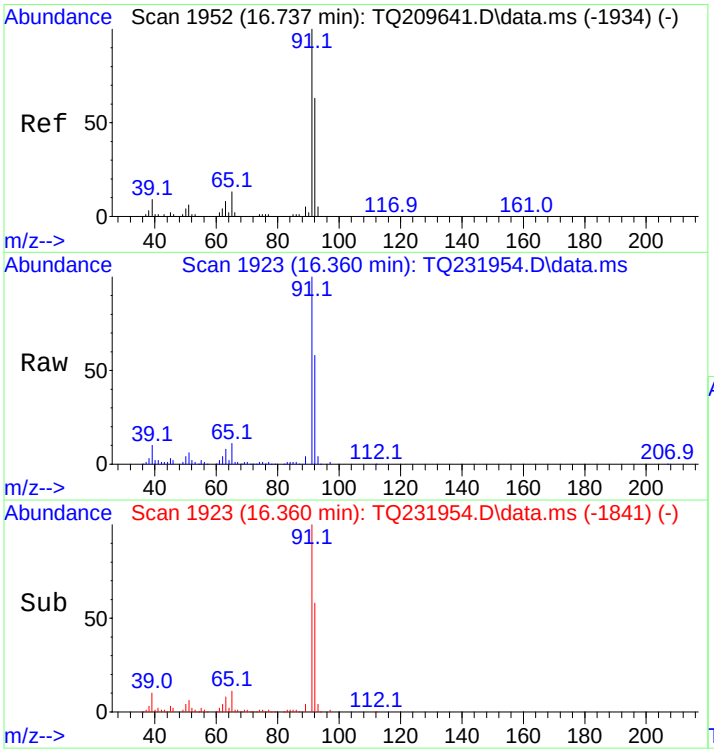


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.513 min Scan# 1456
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:114 Resp: 1222832

Ion	Ratio	Lower	Upper
114	100		
63	19.7	12.9	26.9
88	16.6	10.7	22.3

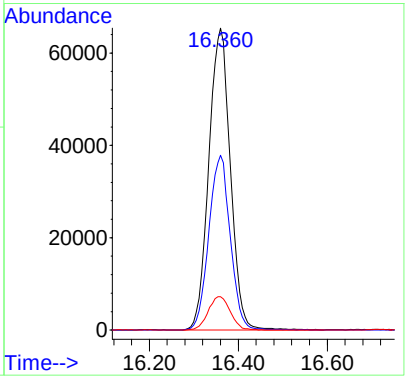


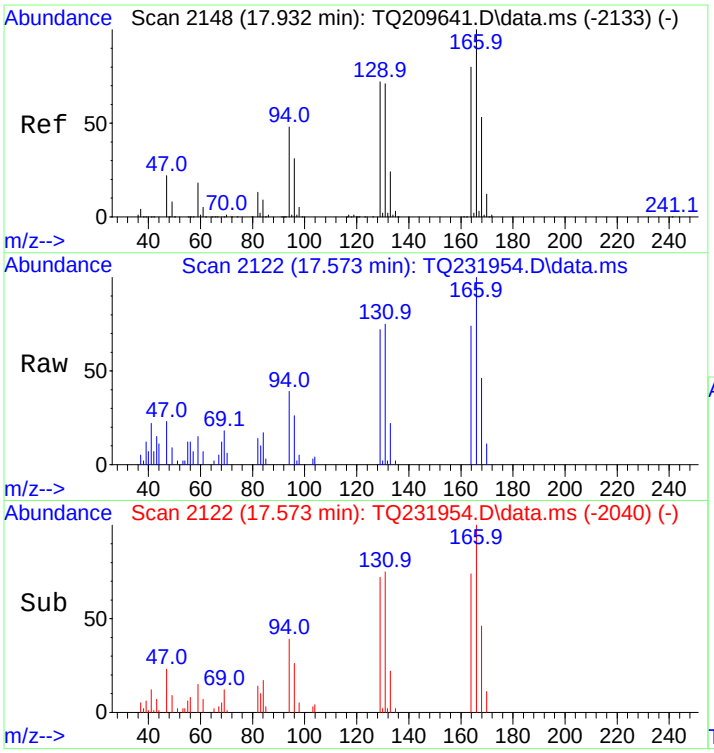


#46
Toluene
Concen: 1.68 ppbv
RT: 16.360 min Scan# 1923
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 91 Resp: 220122

Ion	Ratio	Lower	Upper
91	100		
92	57.5	38.7	80.3
65	11.4	7.5	15.5

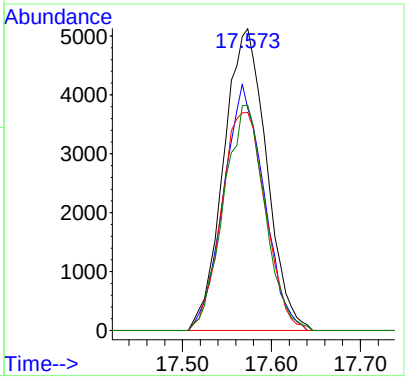


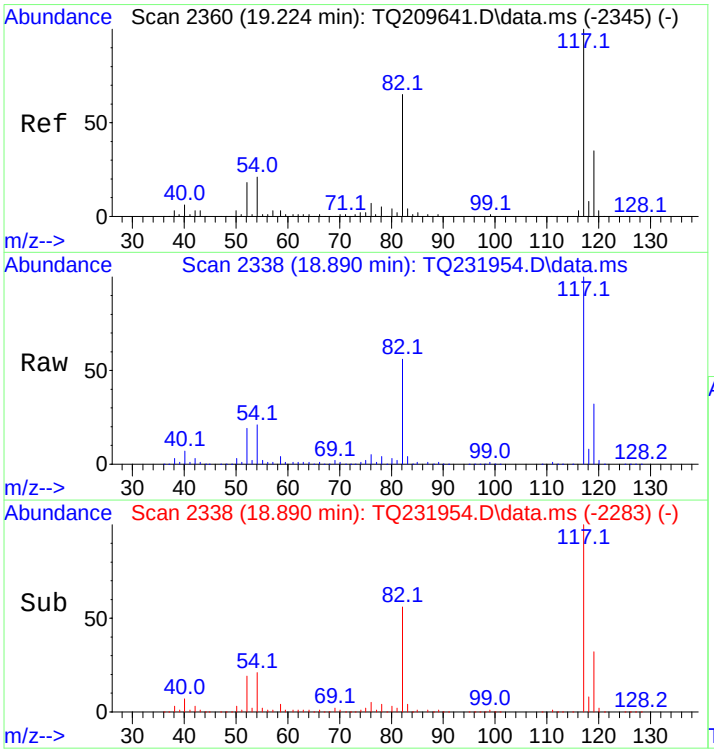


#51
Tetrachloroethylene
Concen: 0.27 ppbv
RT: 17.573 min Scan# 2122
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:166 Resp: 17132

Ion	Ratio	Lower	Upper
166	100		
164	76.7	51.0	106.0
129	73.9	48.1	99.9
131	72.1	46.3	96.3

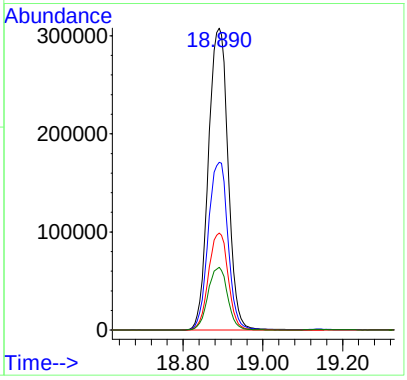


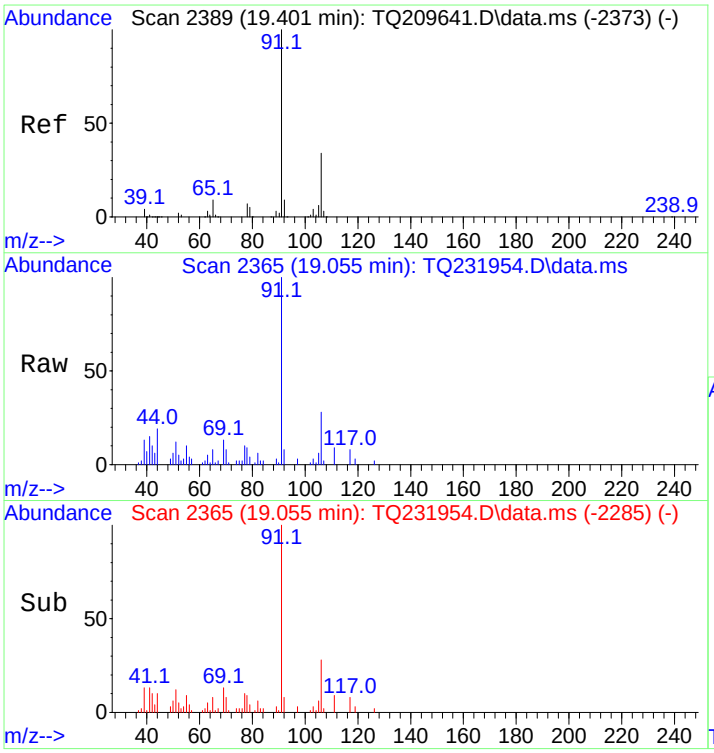


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.890 min Scan# 2338
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:117 Resp: 1055298

Ion	Ratio	Lower	Upper
117	100		
82	56.2	37.1	77.1
119	32.2	22.1	45.9
54	20.7	13.8	28.6

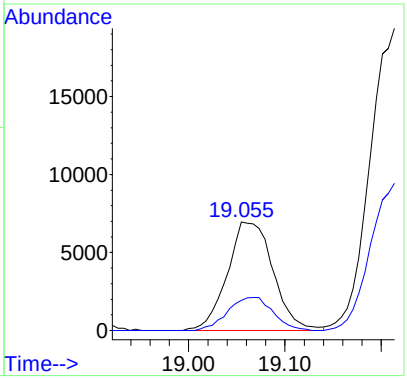


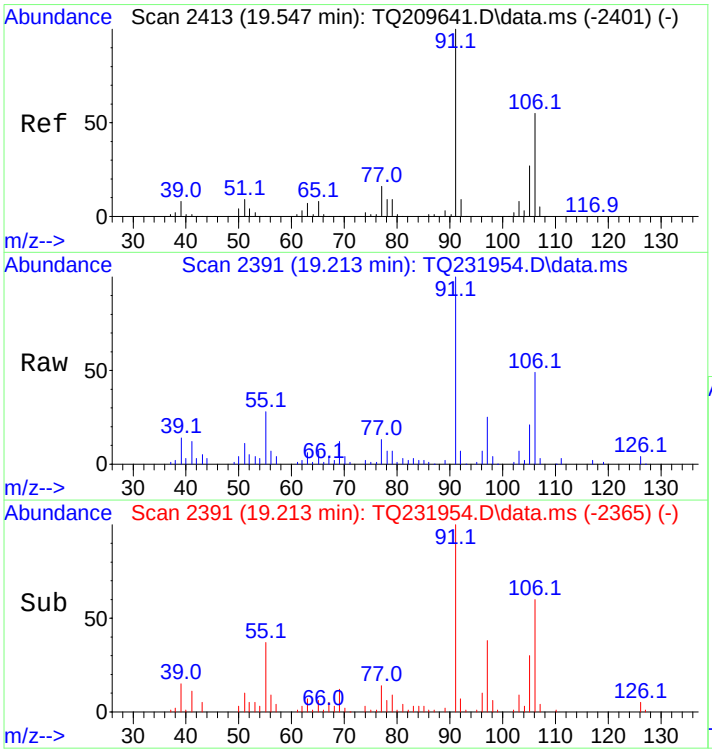


#57
Ethylbenzene
Concen: 0.14 ppbv
RT: 19.055 min Scan# 2365
Delta R.T. -0.012 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 91 Resp: 23062

Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.5	42.7

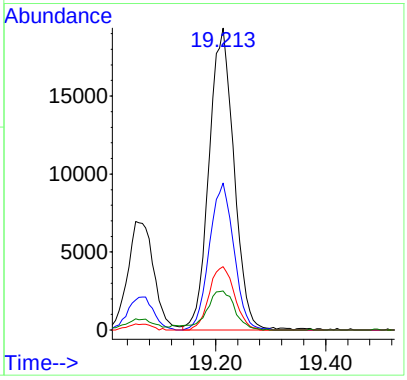


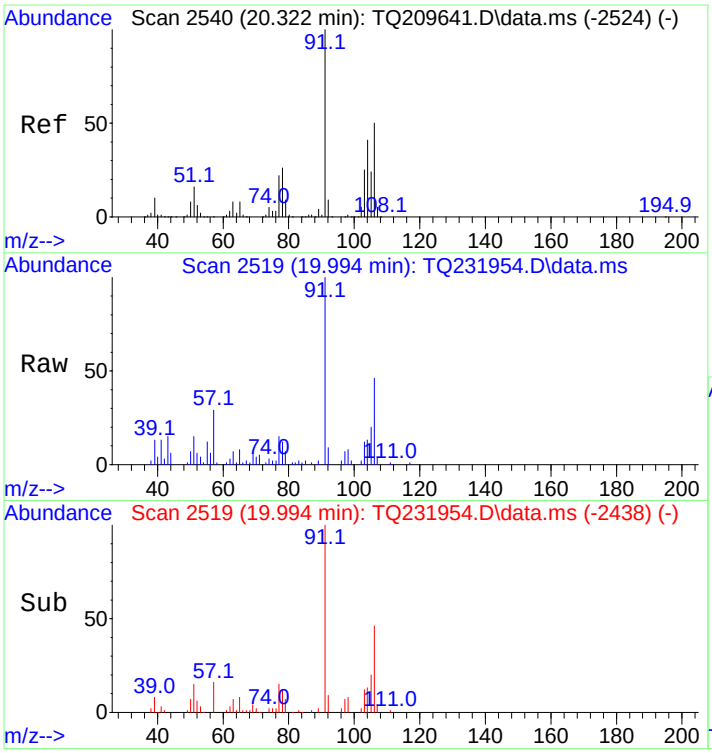


#58
p- & m-Xylenes
Concen: 0.48 ppbv
RT: 19.213 min Scan# 2391
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 91 Resp: 61077

Ion	Ratio	Lower	Upper
91	100		
106	47.7	32.6	67.8
105	21.2	14.5	30.1
77	15.3	8.5	17.7

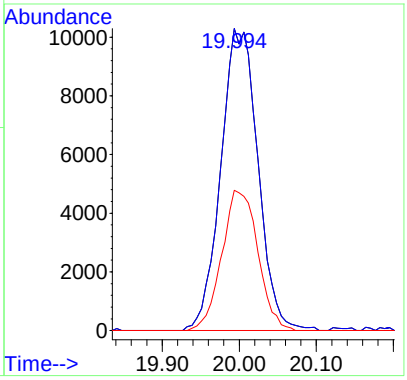


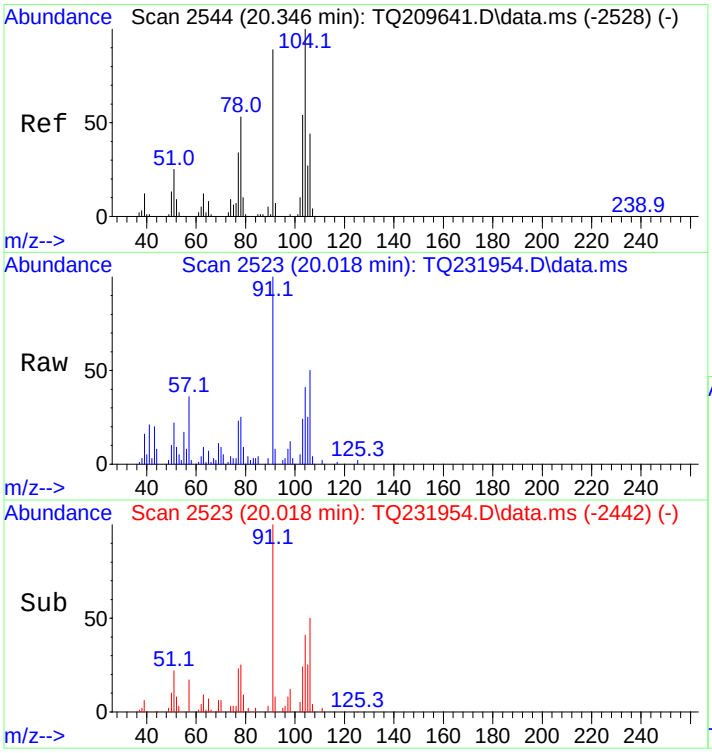


#59
o-Xylene
Concen: 0.26 ppbv
RT: 19.994 min Scan# 2519
Delta R.T. -0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 91 Resp: 34480

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	45.1	38.2	57.2

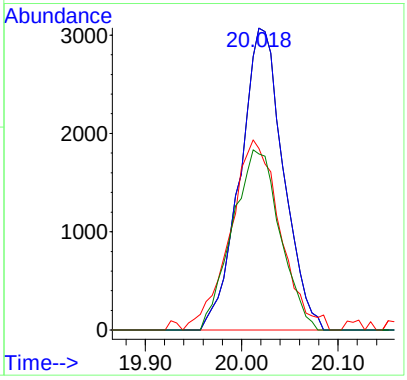


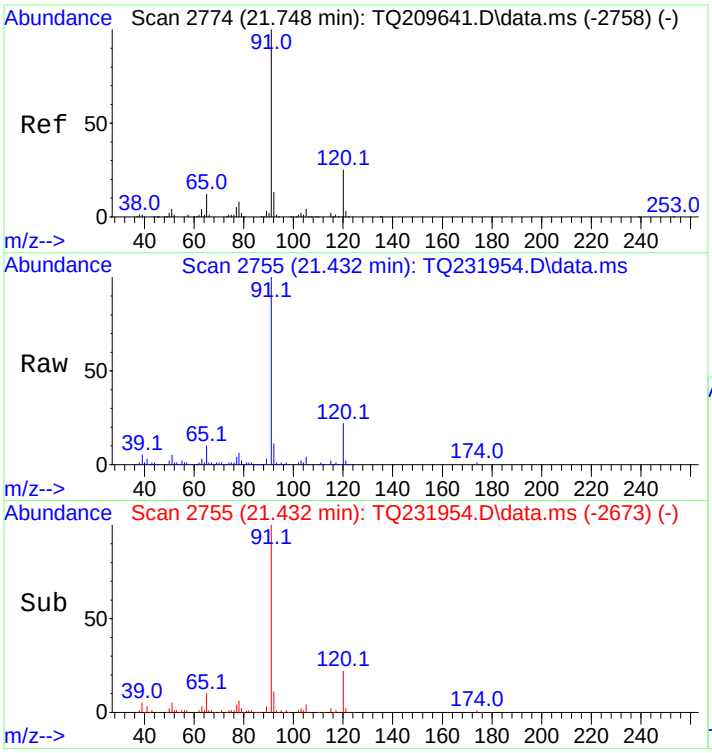


#60
Styrene
Concen: 0.10 ppbv
RT: 20.018 min Scan# 2523
Delta R.T. -0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:104 Resp: 9602

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	0.0	0.0

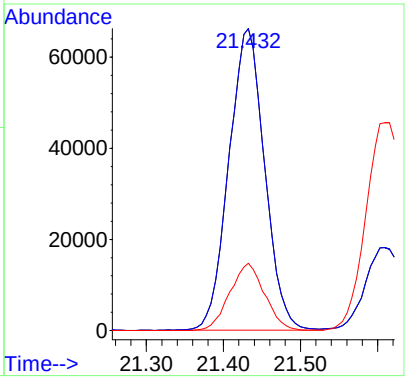


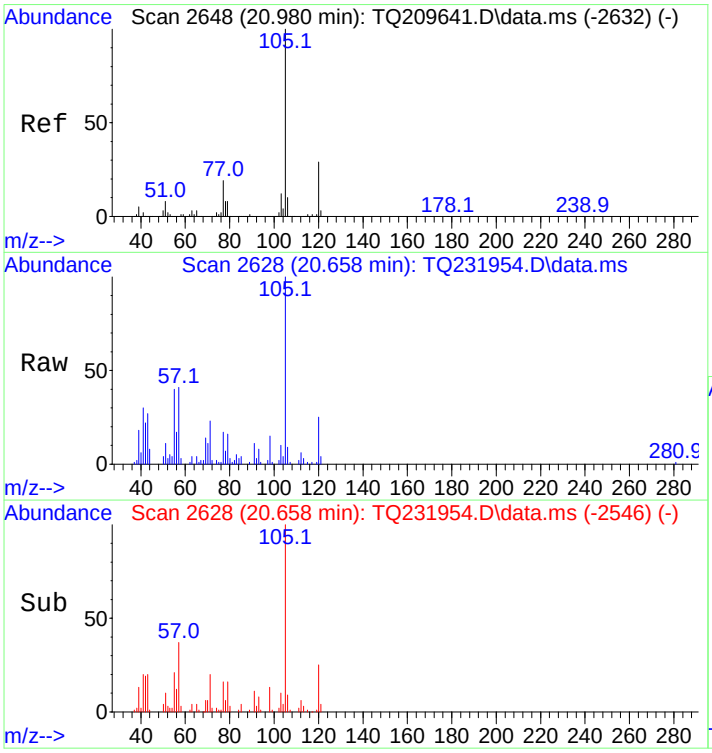


#62
n-Propylbenzene
Concen: 1.01 ppbv
RT: 21.432 min Scan# 2755
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 91 Resp: 213228

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	21.8	10.0	30.0

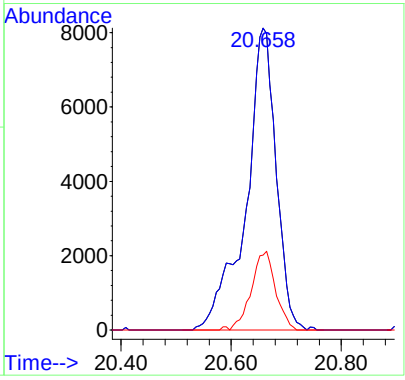


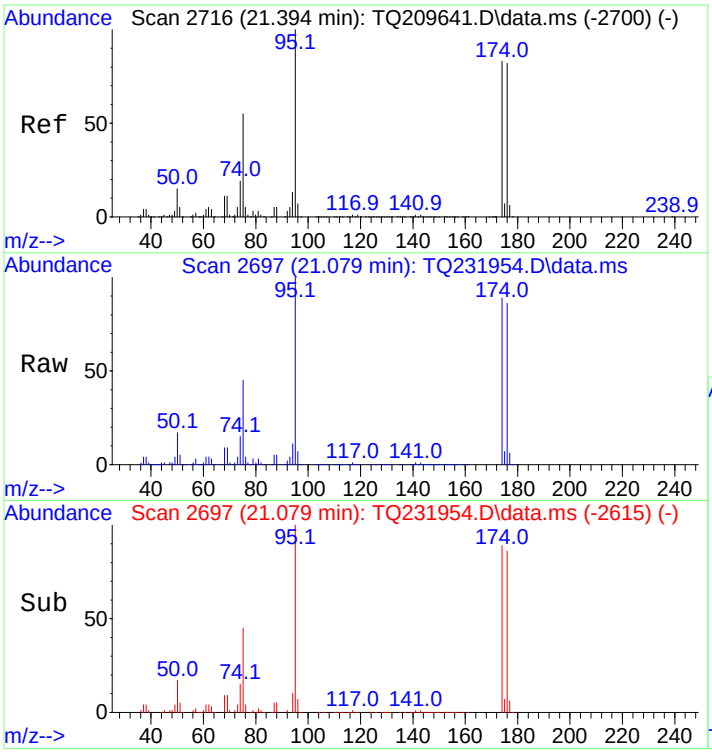


#63
Isopropylbenzene
Concen: 0.17 ppbv
RT: 20.658 min Scan# 2628
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:105 Resp: 31069

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	21.0	10.0	30.0

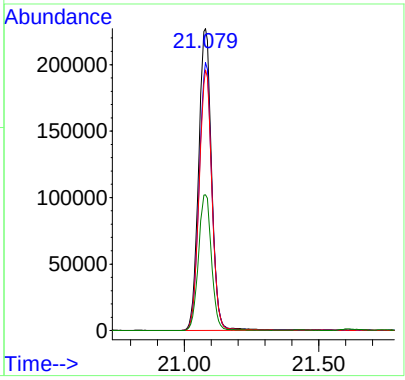


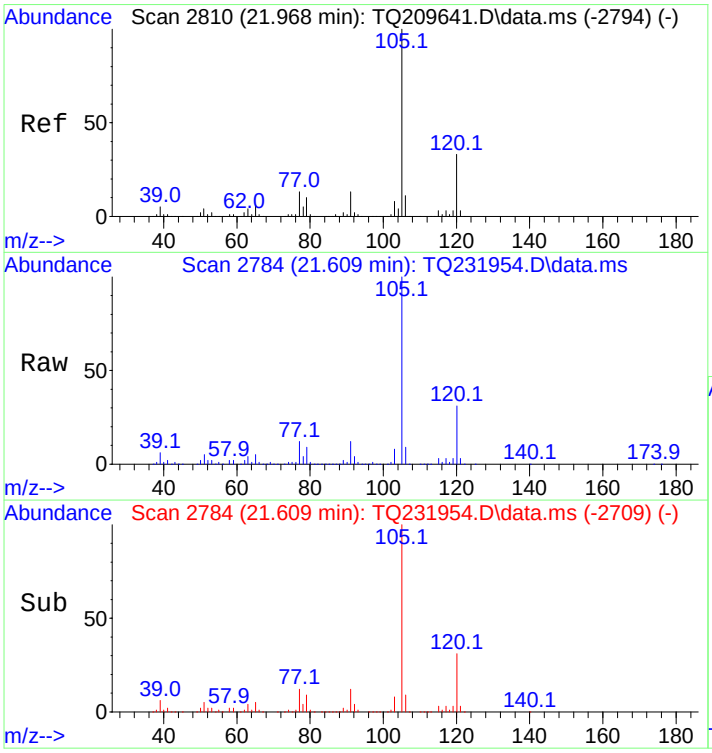


#65
p-Bromofluorobenzene
Concen: 9.49 ppbv
RT: 21.079 min Scan# 2697
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion: 95 Resp: 761351

Ion	Ratio	Lower	Upper
95	100		
174	87.4	53.2	110.6
176	85.2	51.6	107.2
75	45.1	30.7	63.7

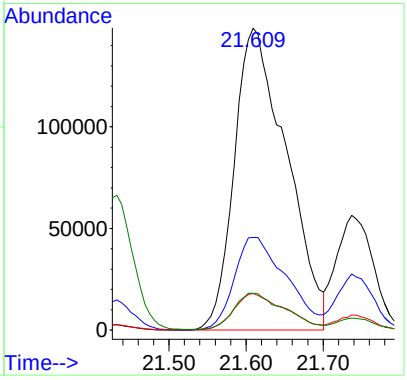


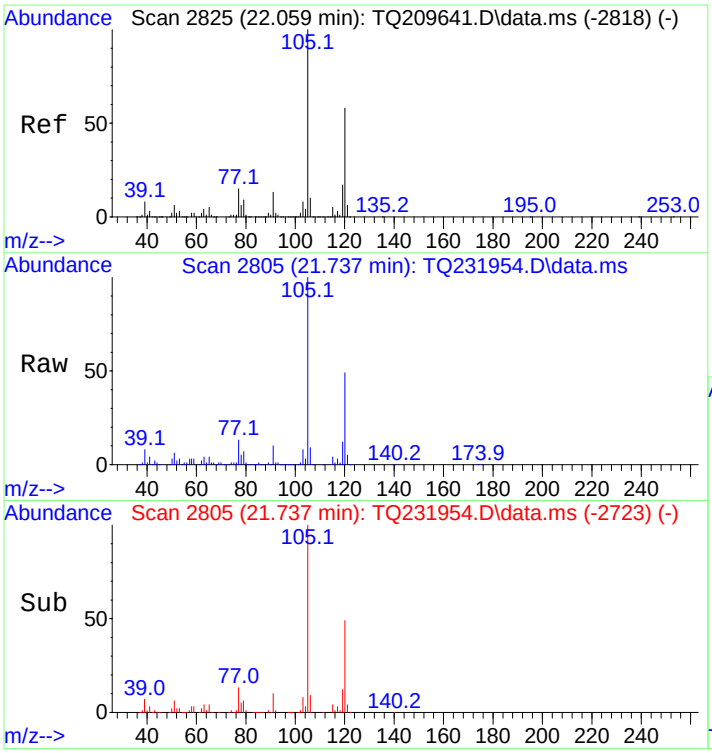


#66
4-Ethyltoluene
Concen: 4.05 ppbv
RT: 21.609 min Scan# 2784
Delta R.T. -0.043 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:105 Resp: 700118

Ion	Ratio	Lower	Upper
105	100		
120	30.9	19.6	40.8
77	11.8	7.3	15.3
91	12.1	7.1	14.7

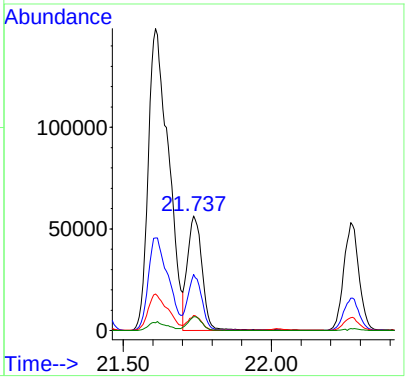


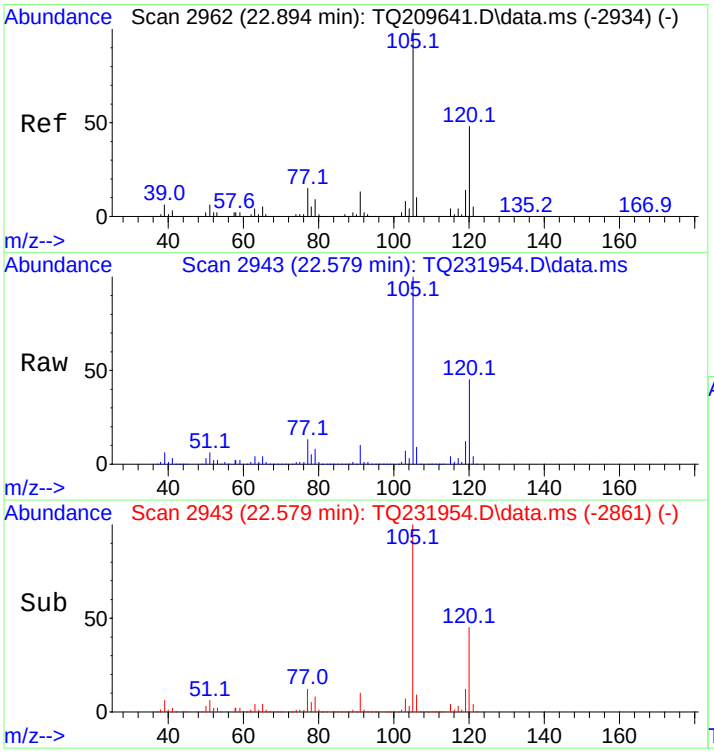


#67
1,3,5-Trimethylbenzene
Concen: 1.33 ppbv
RT: 21.737 min Scan# 2805
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:105 Resp: 192388

Ion	Ratio	Lower	Upper
105	100		
120	47.8	39.2	58.8
77	12.9	10.1	15.1
119	12.0	6.1	18.3

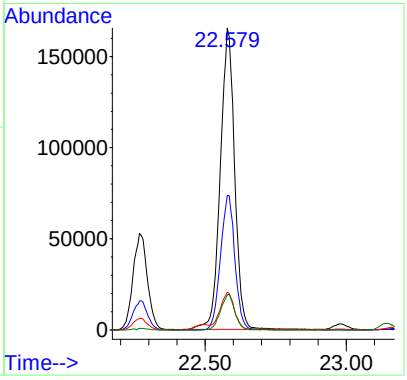


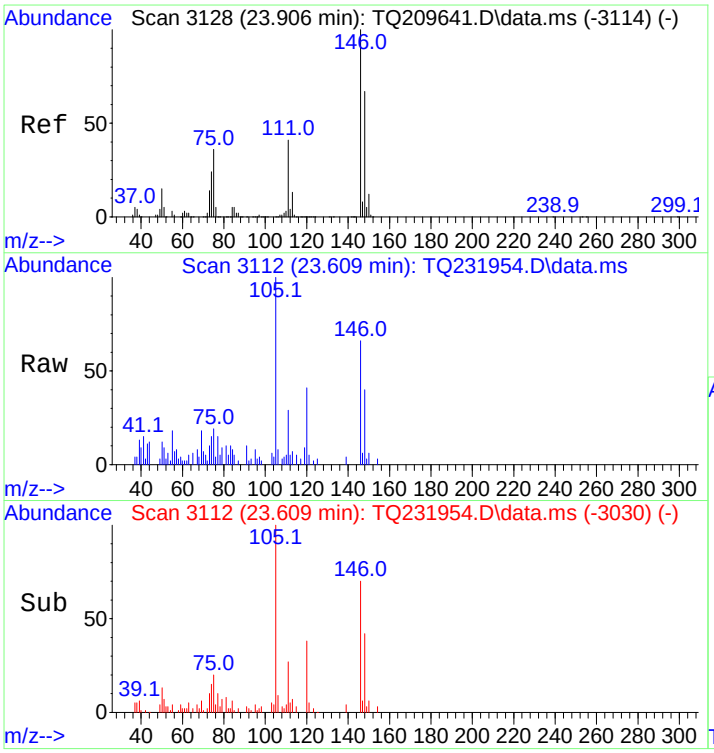


#69
1,2,4-Trimethylbenzene
Concen: 4.00 ppbv
RT: 22.579 min Scan# 2943
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:105 Resp: 585104

Ion	Ratio	Lower	Upper
105	100		
120	44.8	30.2	62.6
77	13.0	8.1	16.9
119	11.8	7.8	16.2

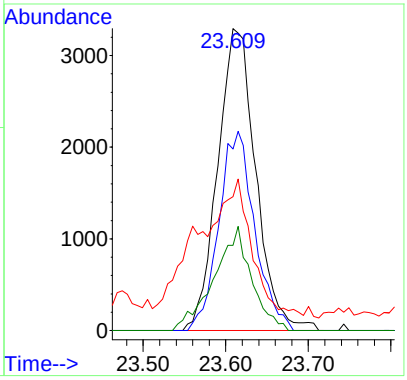


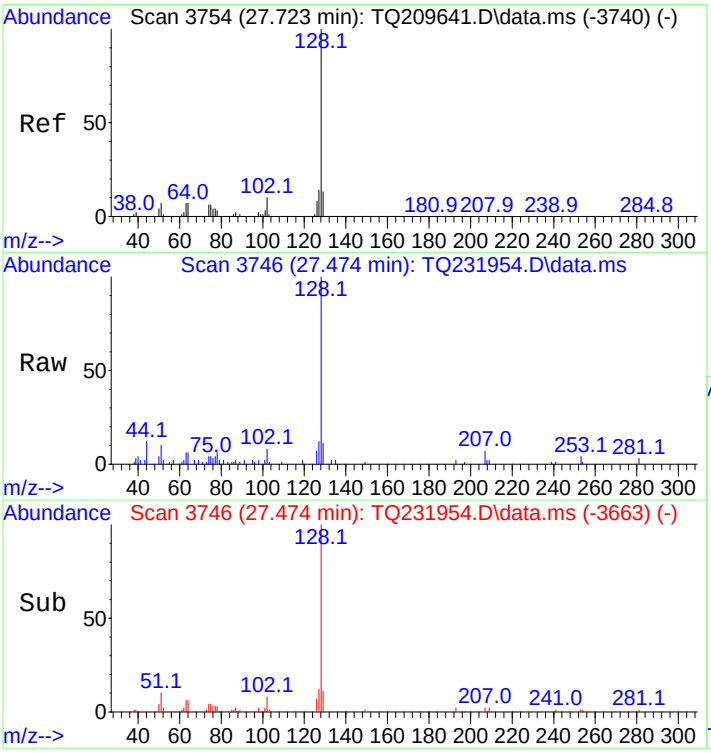


#73
1,4-Dichlorobenzene
Concen: 0.11 ppbv
RT: 23.609 min Scan# 3112
Delta R.T. 0.000 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:146 Resp: 10581

Ion	Ratio	Lower	Upper
146	100		
148	61.9	41.6	86.4
111	82.7	24.8	51.6#
75	33.6	19.0	39.6

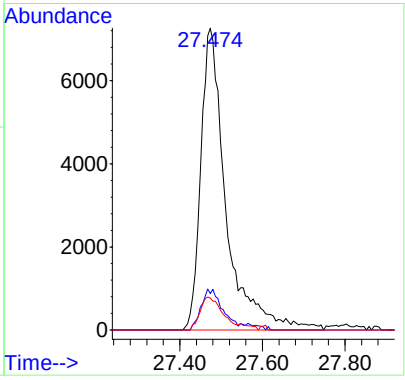




#79
Naphthalene
Concen: 0.19 ppbv
RT: 27.474 min Scan# 3746
Delta R.T. 0.006 min
Lab File: TQ231954.D
Acq: 8 Apr 2025 11:08 pm

Tgt Ion:128 Resp: 30984

Ion	Ratio	Lower	Upper
128	100		
127	12.9	8.1	16.9
129	10.8	7.1	14.7



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Batch: BD50585
Laboratory ID: BD50585-BS1
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.0	100	70 - 130
1,1,1-Trichloroethane	10.0	10.7	107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.94	99.4	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.1	111	70 - 130
1,1,2-Trichloroethane	10.0	11.5	115	70 - 130
1,1-Dichloroethane	10.0	10.2	102	70 - 130
1,1-Dichloroethylene	10.0	10.6	106	70 - 130
1,2,4-Trichlorobenzene	10.0	9.17	91.7	70 - 130
1,2,4-Trimethylbenzene	10.0	10.4	104	70 - 130
1,2-Dibromoethane	10.0	11.4	114	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101	70 - 130
1,2-Dichloroethane	10.0	9.80	98.0	70 - 130
1,2-Dichloropropane	10.0	10.6	106	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	11.1	111	70 - 130
1,3,5-Trimethylbenzene	10.0	9.89	98.9	70 - 130
1,3-Butadiene	10.0	11.8	118	70 - 130
1,3-Dichlorobenzene	10.0	10.5	105	70 - 130
1,3-Dichloropropane	10.0	10.6	106	70 - 130
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130
1,4-Dioxane	10.0	10.6	106	70 - 130
2,2,4-Trimethylpentane	10.0	10.7	107	70 - 130
2-Butanone	10.0	10.1	101	70 - 130
2-Hexanone	10.0	11.0	110	70 - 130
3-Chloropropene	10.0	9.65	96.5	70 - 130
4-Methyl-2-pentanone	10.0	10.7	107	70 - 130
Acetone	10.0	9.37	93.7	70 - 130
Acrylonitrile	10.0	10.1	101	70 - 130
Benzene	10.0	10.0	100	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD50585	Laboratory ID:	BD50585-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	11.0	110	70 - 130
Bromodichloromethane	10.0	11.1	111	70 - 130
Bromoform	10.0	11.6	116	70 - 130
Bromomethane	10.0	10.7	107	70 - 130
Carbon disulfide	10.0	10.2	102	70 - 130
Carbon tetrachloride	10.0	10.2	102	70 - 130
Chlorobenzene	10.0	10.2	102	70 - 130
Chloroethane	10.0	10.4	104	70 - 130
Chloroform	10.0	11.0	110	70 - 130
Chloromethane	10.0	10.6	106	70 - 130
cis-1,2-Dichloroethylene	10.0	9.62	96.2	70 - 130
cis-1,3-Dichloropropylene	10.0	11.2	112	70 - 130
Cyclohexane	10.0	9.74	97.4	70 - 130
Dibromochloromethane	10.0	10.7	107	70 - 130
Dichlorodifluoromethane	10.0	11.2	112	70 - 130
Ethyl acetate	10.0	9.84	98.4	70 - 130
Ethyl Benzene	10.0	10.2	102	70 - 130
Hexachlorobutadiene	10.0	7.66	76.6	70 - 130
Isopropanol	10.0	9.19	91.9	70 - 130
Methyl Methacrylate	10.0	10.2	102	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	10.4	104	70 - 130
Methylene chloride	10.0	10.5	105	70 - 130
Naphthalene	10.0	8.64	86.4	70 - 130
n-Heptane	10.0	9.94	99.4	70 - 130
n-Hexane	10.0	10.2	102	70 - 130
o-Xylene	10.0	9.95	99.5	70 - 130
p- & m- Xylenes	20.0	20.2	101	70 - 130
p-Ethyltoluene	10.0	9.82	98.2	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD50585	Laboratory ID:	BD50585-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Propylene	10.0	9.94	99.4	70 - 130
Styrene	10.0	10.3	103	70 - 130
Tetrachloroethylene	10.0	10.6	106	70 - 130
Tetrahydrofuran	10.0	10.4	104	70 - 130
Toluene	10.0	10.6	106	70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102	70 - 130
trans-1,3-Dichloropropylene	10.0	11.3	113	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
Vinyl acetate	10.0	8.45	84.5	70 - 130
Vinyl bromide	10.0	11.8	118	70 - 130
Vinyl Chloride	10.0	11.6	116	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS RAW DATA

SDG: 25C1716
CLASS: AIR
METHOD: EPA TO-15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231943.D
Acq On : 8 Apr 2025 10:32 am
Operator : YR
Sample : BD50585-BS1
Misc : QBTO2040825A
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 11:05:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.904	49	373015	10.00	ppbv		0.02
38) 1,4-Difluorobenzene	13.519	114	1112044	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.896	117	1027019	10.00	ppbv		0.01
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	782531	10.03	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.30%				
Target Compounds							Qvalue
2) Propylene	4.832	42	144538	9.94	ppbv		97
3) Dichlorodifluoromethane	4.911	85	799711	11.18	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.185	85	811966	11.09	ppbv		95
5) Chloromethane	5.399	50	232864	10.60	ppbv		99
6) Vinyl Chloride	5.661	62	262383	11.63	ppbv		99
7) 1,3-Butadiene	5.740	54	202195	11.79	ppbv		97
8) Bromomethane	6.539	94	306354	10.68	ppbv		99
9) Chloroethane	6.716	64	129019	10.42	ppbv		94
10) Vinyl Bromide	7.167	106	306250	11.75	ppbv		100
11) Trichlorofluoromethane	7.289	101	793464	10.74	ppbv		100
12) Isopropanol	7.819	45	565754	9.19	ppbv		100
13) Acrolein	7.917	56	122471	10.09	ppbv	#	56
14) Acetone	8.026	43	484785	9.37	ppbv		95
15) Freon-113	8.166	101	676223	11.09	ppbv		99
16) 1,1-Dichloroethylene	8.380	61	512087	10.58	ppbv		99
17) 3-Chloropropene	8.983	41	345020	9.65	ppbv		90
18) Methylene Chloride	9.136	49	350995	10.51	ppbv		97
19) Acrylonitrile	9.246	53	219560	10.12	ppbv	#	93
20) Carbon disulfide	9.270	76	883746	10.21	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.544	73	855164	10.41	ppbv		98
22) trans-1,2-Dichloroethy...	9.739	61	446344	10.24	ppbv		97
23) Hexane	10.020	57	430031	10.19	ppbv		97
24) Vinyl Acetate	10.361	43	606998	8.45	ppbv	#	99
25) 1,1-Dichloroethane	10.404	63	544693	10.22	ppbv		80
26) 2-Butanone	11.020	43	612411	10.10	ppbv		96
27) Ethyl Acetate	11.318	43	712502	9.84	ppbv	#	43
28) cis-1,2-Dichloroethylene	11.398	61	446320	9.62	ppbv		88
29) Chloroform	11.672	83	721938	11.03	ppbv		100
30) Tetrahydrofuran	11.995	42	358336	10.40	ppbv		96
31) 1,1,1-Trichlorethane	12.416	97	715750	10.74	ppbv		100
32) Cyclohexane	12.586	56	464204	9.74	ppbv		96
33) 2,2,4-Trimethylpentane	12.739	57	1544293	10.71	ppbv		98
34) Carbon Tetrachloride	12.885	117	625409	10.18	ppbv		100
35) 1,2-Dichloroethane	12.977	62	419897	9.80	ppbv	#	100
36) Benzene	13.111	78	1039758	10.00	ppbv		94
37) n-Heptane	13.123	43	570890	9.94	ppbv	#	75
39) Trichloroethylene	14.171	95	489236	10.93	ppbv		96
40) 1,2-Dichloropropane	14.415	63	368745	10.63	ppbv		98
41) Methyl Methacrylate	14.427	69	333315	10.23	ppbv	#	69
42) 1,4-Dioxane	14.738	88	220594	10.58	ppbv	#	100
43) Bromodichloromethane	14.787	83	749773	11.13	ppbv		99
44) Methyl Isobutyl Ketone	16.141	43	798585	10.72	ppbv	#	55
45) cis-1,3-Dichloropropene	15.702	75	589053	11.19	ppbv		99
46) Toluene	16.366	91	1264242	10.59	ppbv		98
47) trans-1,3-Dichloropropene	16.531	75	524364	11.30	ppbv		99
48) 1,1,2-Trichlorethane	16.829	97	448589	11.49	ppbv		99
49) 2-Hexanone	16.836	43	742430	10.97	ppbv		99
50) 1,3-Dichloropropane	17.268	76	539653	10.55	ppbv		98
51) Tetrachloroethylene	17.579	166	614613	10.59	ppbv		100
52) Dibromchloromethane	17.579	129	452201	10.68	ppbv	#	6
53) 1,2-Dibromoethane	18.152	107	686129	11.43	ppbv		99
55) Chlorobenzene	18.963	112	1004741	10.23	ppbv	#	100

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231943.D
Acq On : 8 Apr 2025 10:32 am
Operator : YR
Sample : BD50585-BS1
Misc : QBTO2040825A
ALS Vial : 3 Sample Multiplier: 1

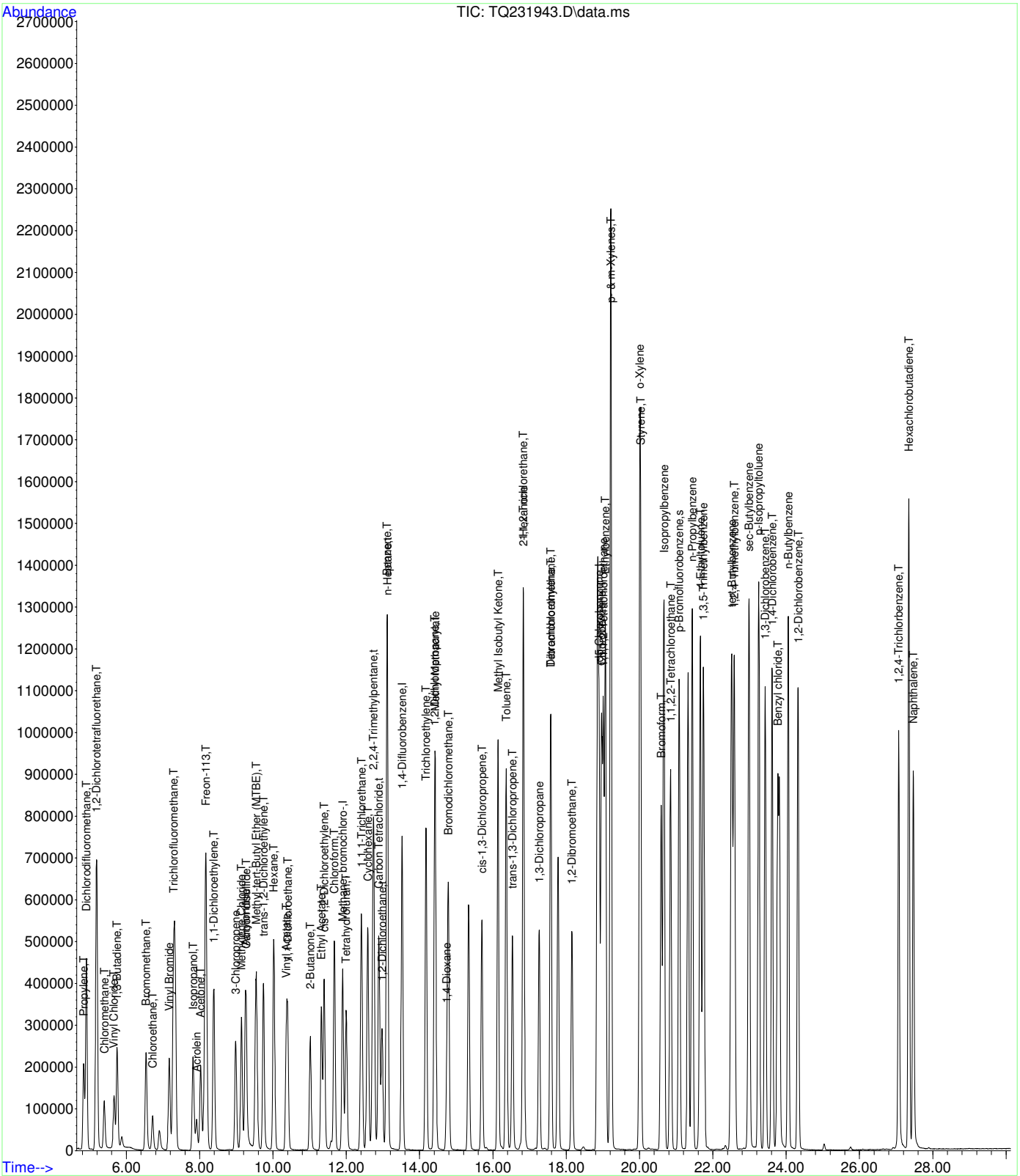
Quant Time: Apr 08 11:05:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	530467	10.03	ppbv		94
57) Ethylbenzene	19.067	91	1679645	10.21	ppbv		98
58) p- & m-Xylenes	19.219	91	2525823	20.20	ppbv		97
59) o-Xylene	20.006	91	1270220	9.95	ppbv		99
60) Styrene	20.030	104	957467	10.29	ppbv	#	100
61) Bromoform	20.591	173	770179	11.57	ppbv		99
62) n-Propylbenzene	21.438	91	2158406	10.50	ppbv		99
63) Isopropylbenzene	20.670	105	1824272	10.35	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.847	83	936124	9.94	ppbv		100
66) 4-Ethyltoluene	21.664	105	1654090	9.82	ppbv		99
67) 1,3,5-Trimethylbenzene	21.743	105	1395408	9.89	ppbv		98
68) tert-Butylbenzene	22.517	119	1513295	10.12	ppbv		88
69) 1,2,4-Trimethylbenzene	22.584	105	1480488	10.40	ppbv	#	94
70) sec-Butylbenzene	22.987	105	2022571	10.00	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	1632678	10.10	ppbv	#	88
72) 1,3-Dichlorobenzene	23.426	146	960253	10.52	ppbv		99
73) 1,4-Dichlorobenzene	23.621	146	951823	10.19	ppbv		99
74) Benzyl chloride	23.773	91	1208430	11.04	ppbv		98
75) n-Butylbenzene	24.060	91	1409646	9.69	ppbv		99
76) 1,2-Dichlorobenzene	24.328	146	921319	10.13	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	585757	9.17	ppbv		98
78) Hexachlorobutadiene	27.346	225	592085	7.66	ppbv		96
79) Naphthalene	27.468	128	1371455	8.64	ppbv		99

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231943.D
Acq On : 8 Apr 2025 10:32 am
Operator : YR
Sample : BD50585-BS1
Misc : QBTO2040825A
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 11:05:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



FORM IV **PREPARATION BATCH SUMMARY**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1716

Client: PVE, LLC. Project: 20240302

Batch: BD50585 Batch Matrix: Air Preparation: EPA TO15 PREP

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
AI-8 20250326	25C1716-01	TQ231948.D	04/08/25 08:00	
AI-9 20250326	25C1716-02	TQ231949.D	04/08/25 08:00	
AI-10 20250326	25C1716-03	TQ231950.D	04/08/25 08:00	
AI-11 20250326	25C1716-04	TQ231951.D	04/08/25 08:00	
AI-12 20250326	25C1716-05	TQ231952.D	04/08/25 08:00	
AI-13 20250326	25C1716-06	TQ231953.D	04/08/25 08:00	
Blank	BD50585-BLK1	TQ231945.D	04/08/25 08:00	
LCS	BD50585-BS1	TQ231943.D	04/08/25 08:00	
AI-13 20250326	BD50585-DUP1	TQ231954.D	04/08/25 08:00	

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1716
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD50585-BLK1	File ID:	TQ231945.D
Prepared:	04/08/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/08/25 12:28	Instrument:	TO15_AIR2		
Batch:	BD50585	Sequence:	S5D0852	Calibration:	SC50042

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
540-84-1	2,2,4-Trimethylpentane	0.23	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	1.9	U
107-13-1	Acrylonitrile	2.8	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1716
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD50585-BLK1	File ID:	TQ231945.D
Prepared:	04/08/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/08/25 12:28	Instrument:	TO15_AIR2		
Batch:	BD50585	Sequence:	S5D0852	Calibration:	SC50042

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	1.5	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	2.1	U
91-20-3	Naphthalene	1.0	U
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1716
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD50585-BLK1	File ID:	TQ231945.D
Prepared:	04/08/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/08/25 12:28	Instrument:	TO15_AIR2		
Batch:	BD50585	Sequence:	S5D0852	Calibration:	SC50042

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U
10061-02-6	trans-1,3-Dichloropropylene	0.45	U
79-01-6	Trichloroethylene	0.13	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.56	U
108-05-4	Vinyl acetate	0.35	U
593-60-2	Vinyl bromide	0.44	U
75-01-4	Vinyl Chloride	0.13	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	359205	11.897	380859	11.898	
ISTD: 1,4-Difluorobenzene	1161011	13.519	1195855	13.519	
ISTD: d5-Chlorobenzene	945097	18.896	1054275	18.89	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231945.D
Acq On : 8 Apr 2025 12:28 pm
Operator : YR
Sample : BD50585-BLK1
Misc : QBTO2040825A
ALS Vial : 5 Sample Multiplier: 1

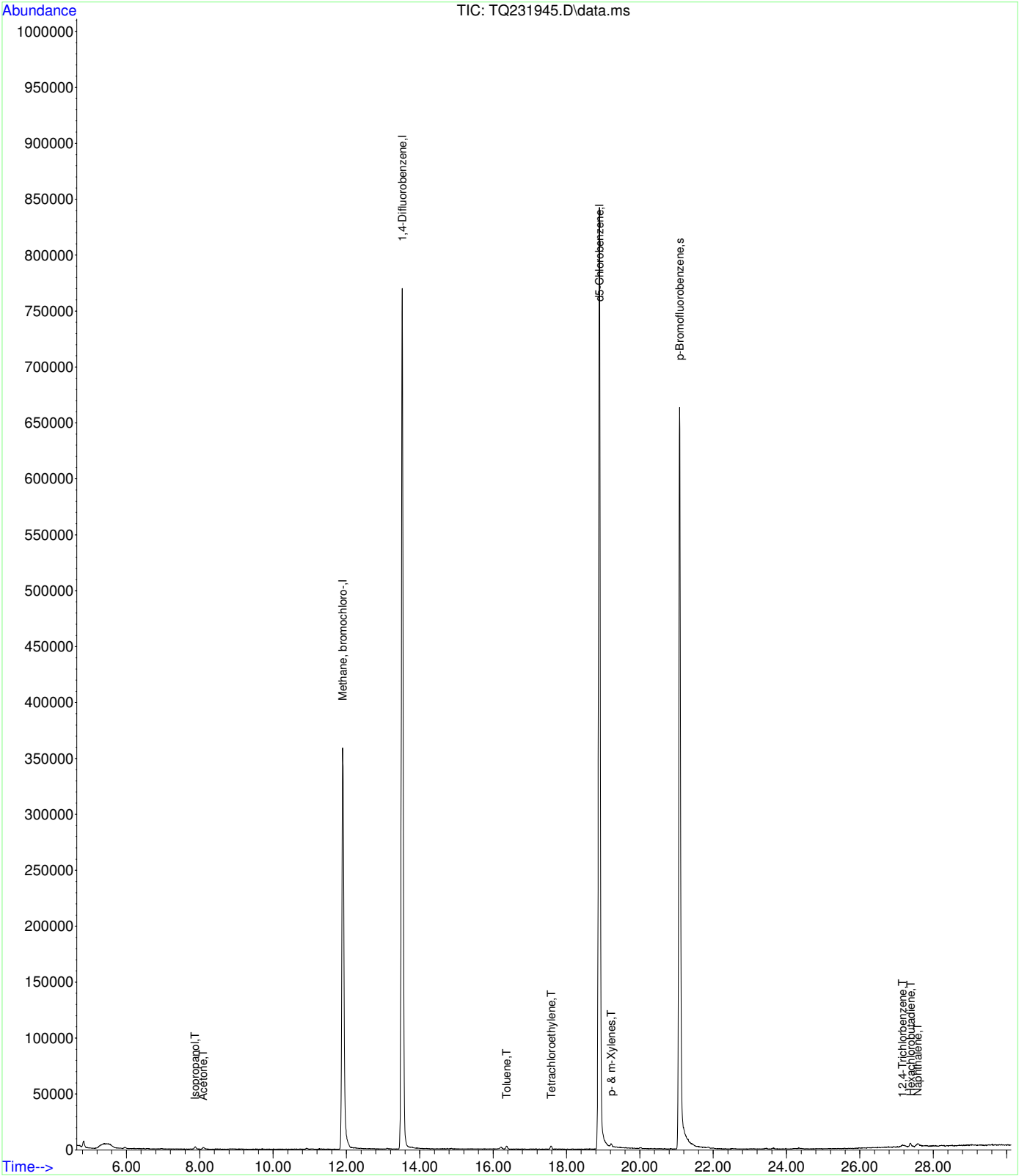
Quant Time: Apr 08 14:10:24 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

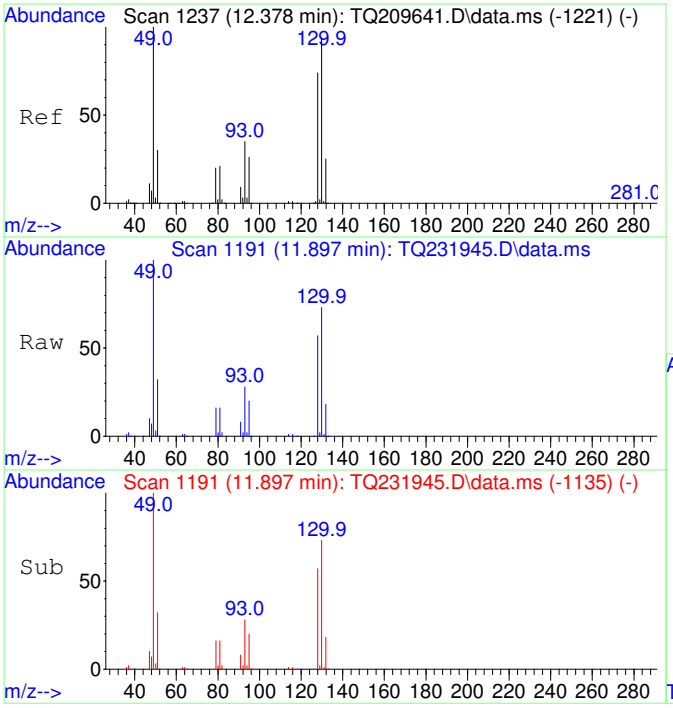
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.897	49	359205	10.00	ppbv		0.01
38) 1,4-Difluorobenzene	13.519	114	1161011	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.896	117	945097	10.00	ppbv		0.01
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.085	95	496205	6.91	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 69.10%#				
Target Compounds							Qvalue
12) Isopropanol	7.868	45	5113	0.09	ppbv	#	99
14) Acetone	8.093	43	3802	0.08	ppbv		90
46) Toluene	16.366	91	4242	0.03	ppbv	#	94
51) Tetrachloroethylene	17.585	166	1679	0.03	ppbv		98
58) p- & m-Xylenes	19.219	91	2652	0.02	ppbv	#	80
77) 1,2,4-Trichlorbenzene	27.163	180	3057	0.05	ppbv	#	67
78) Hexachlorobutadiene	27.388	225	2017	0.03	ppbv	#	91
79) Naphthalene	27.577	128	9650	0.07	ppbv		94

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

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231945.D
Acq On : 8 Apr 2025 12:28 pm
Operator : YR
Sample : BD50585-BLK1
Misc : QBTO2040825A
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 14:10:24 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

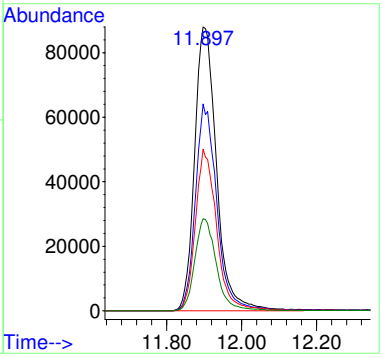


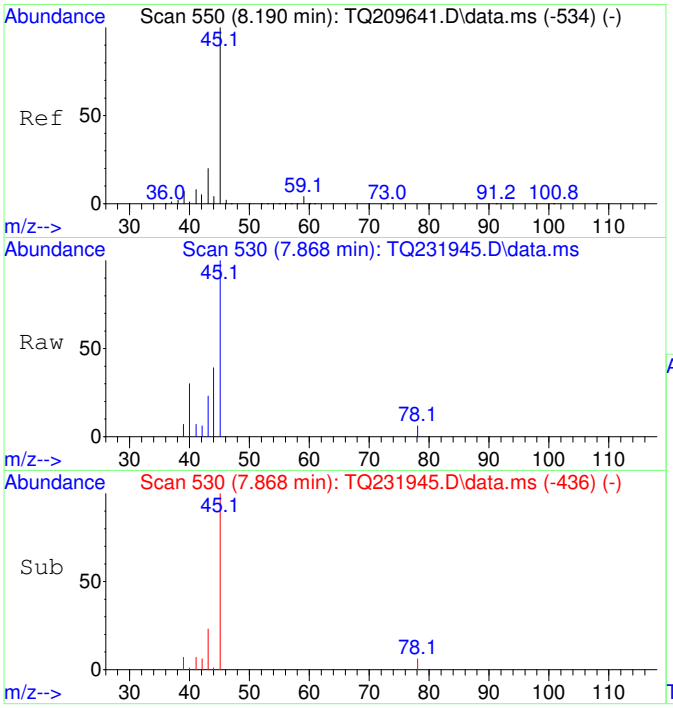


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.897 min Scan# 1191
Delta R.T. 0.012 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 49 Resp: 359205

Ion	Ratio	Lower	Upper
49	100		
130	71.3	48.1	99.9
128	55.1	38.3	79.5
51	32.0	20.3	42.3

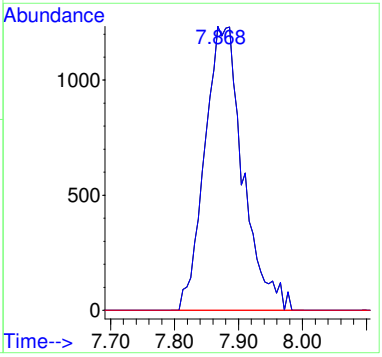


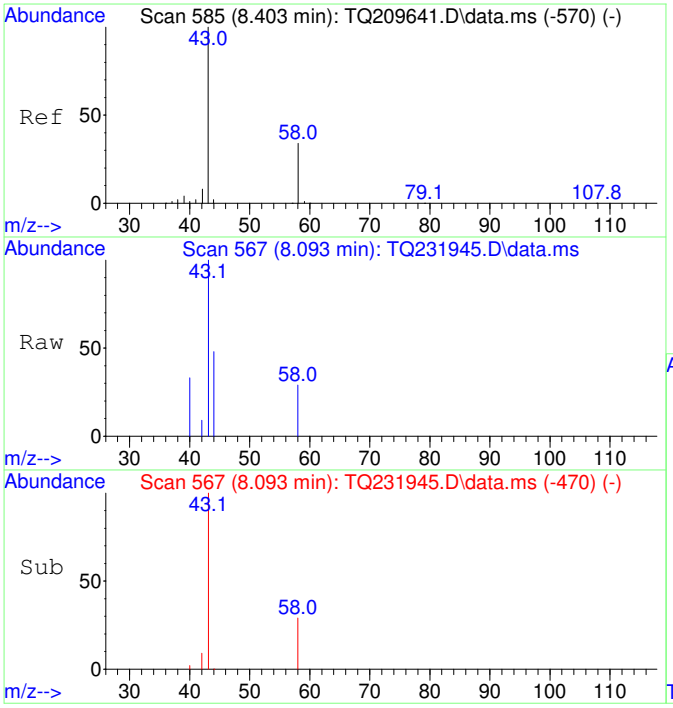


#12
Isopropanol
Concen: 0.09 ppbv
RT: 7.868 min Scan# 530
Delta R.T. 0.073 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 45 Resp: 5113

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	10.0

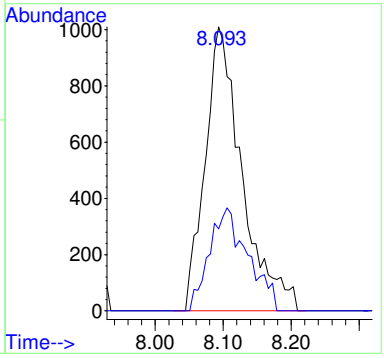


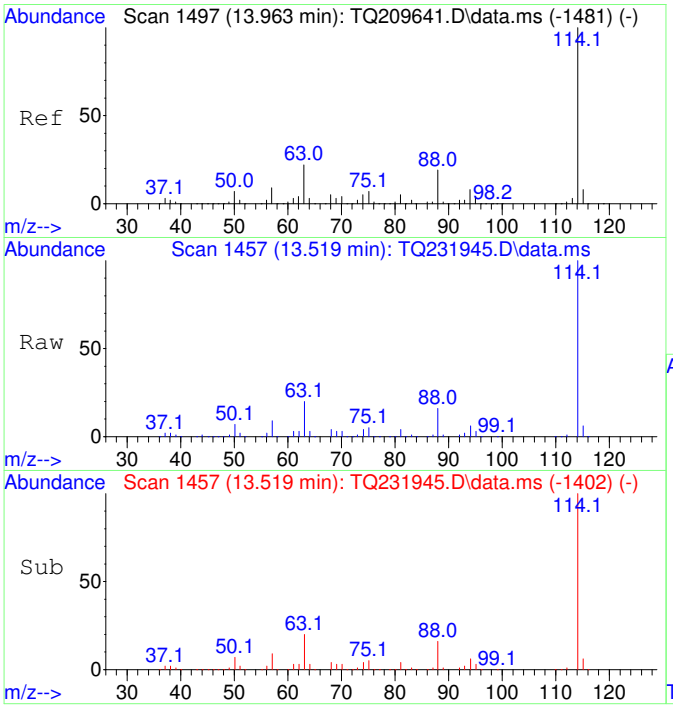


#14
Acetone
Concen: 0.08 ppbv
RT: 8.093 min Scan# 567
Delta R.T. 0.091 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 43 Resp: 3802

Ion	Ratio	Lower	Upper
43	100		
58	37.8	20.9	43.3

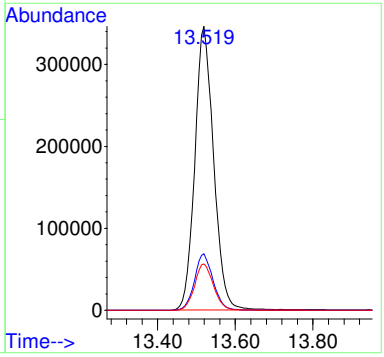


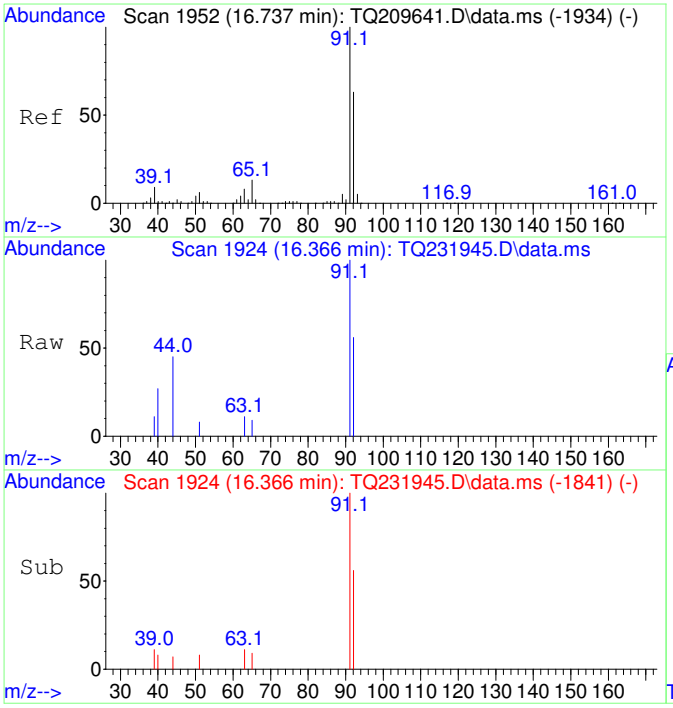


#38
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.519 min Scan# 1457
Delta R.T. 0.006 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:114 Resp: 1161011

Ion	Ratio	Lower	Upper
114	100		
63	19.8	12.9	26.9
88	16.5	10.7	22.3

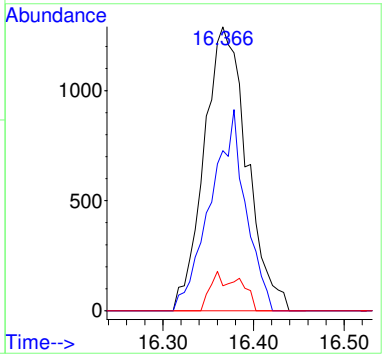


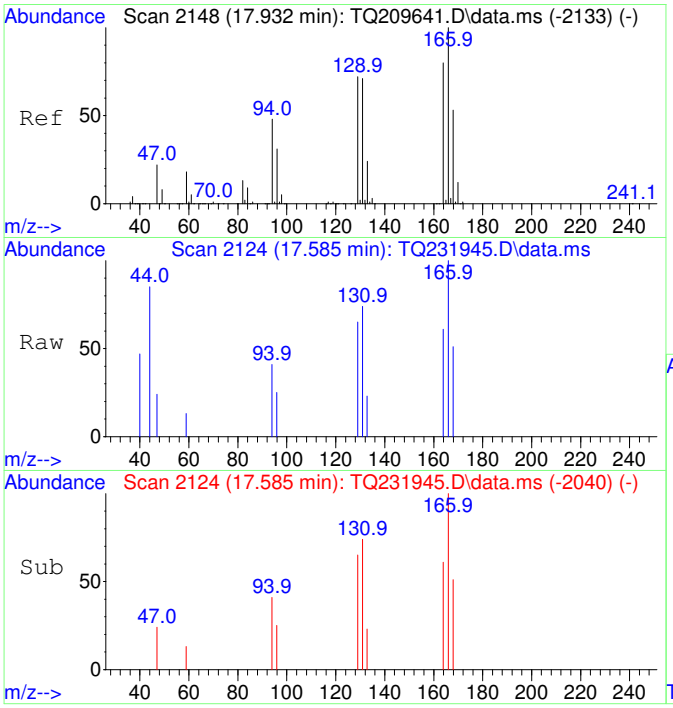


#46
Toluene
Concen: 0.03 ppbv
RT: 16.366 min Scan# 1924
Delta R.T. 0.006 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 91 Resp: 4242

Ion	Ratio	Lower	Upper
91	100		
92	58.1	38.7	80.3
65	0.0	7.5	15.5#

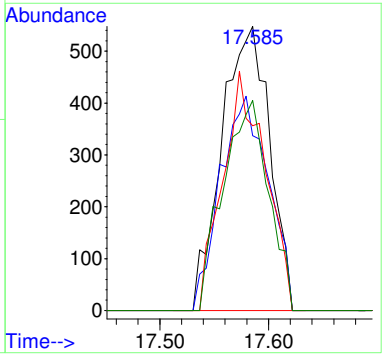


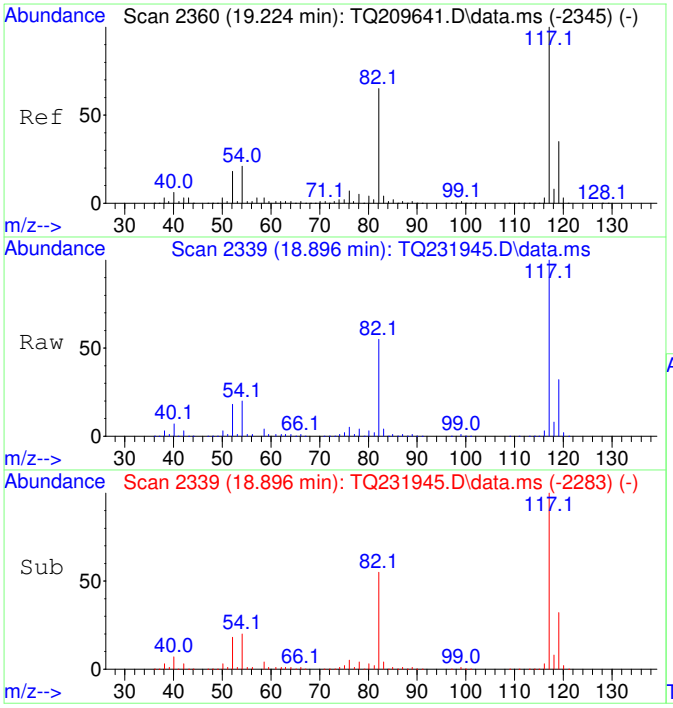


#51
Tetrachloroethylene
Concen: 0.03 ppbv
RT: 17.585 min Scan# 2124
Delta R.T. 0.012 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:166 Resp: 1679

Ion	Ratio	Lower	Upper
166	100		
164	75.7	51.0	106.0
129	74.8	48.1	99.9
131	70.5	46.3	96.3

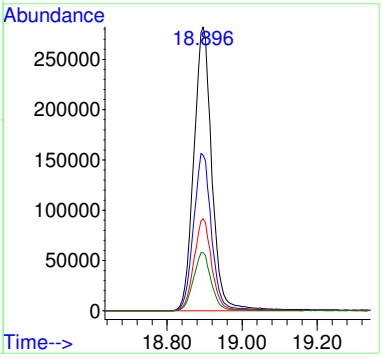


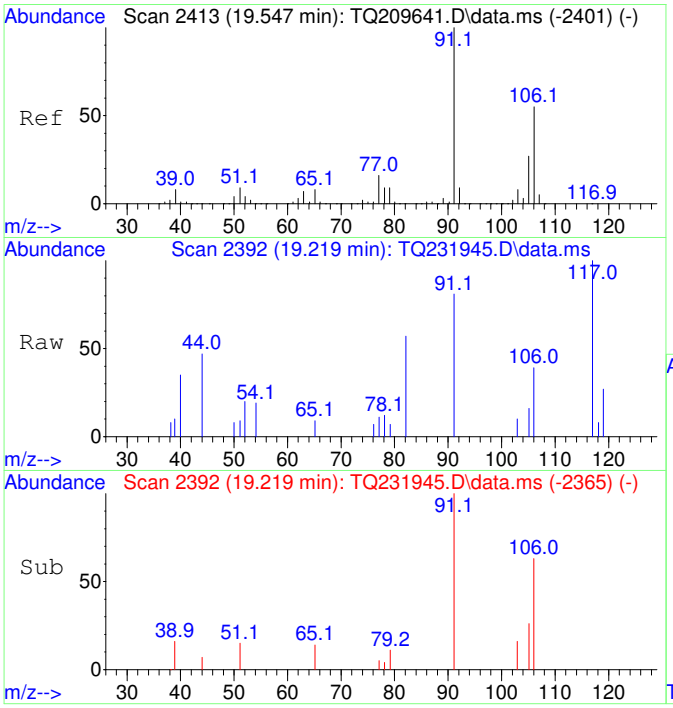


#54
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.896 min Scan# 2339
Delta R.T. 0.012 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:117 Resp: 945097

Ion	Ratio	Lower	Upper
117	100		
82	55.6	37.1	77.1
119	32.3	22.1	45.9
54	20.6	13.8	28.6

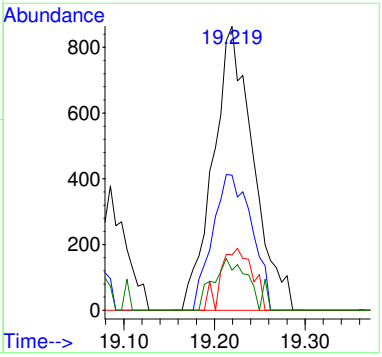


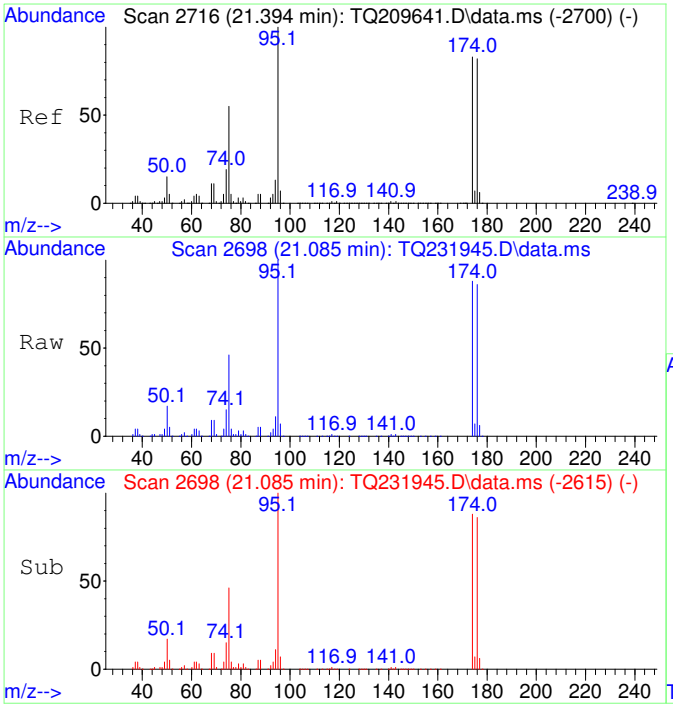


#58
p- & m-Xylenes
Concen: 0.02 ppbv
RT: 19.219 min Scan# 2392
Delta R.T. 0.006 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 91 Resp: 2652

Ion	Ratio	Lower	Upper
91	100		
106	46.9	32.6	67.8
105	0.0	14.5	30.1#
77	0.0	8.5	17.7#

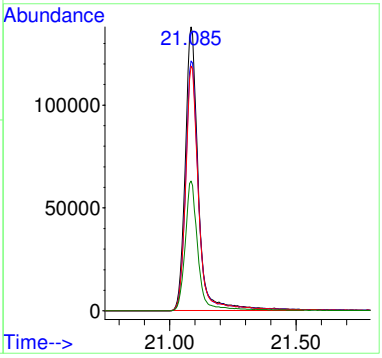


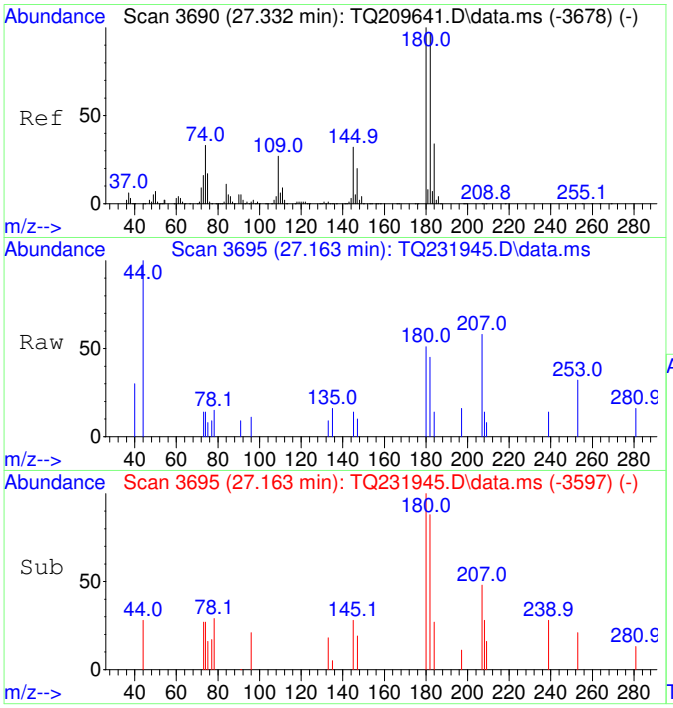


#65
p-Bromofluorobenzene
Concen: 6.91 ppbv
RT: 21.085 min Scan# 2698
Delta R.T. 0.006 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion: 95 Resp: 496205

Ion	Ratio	Lower	Upper
95	100		
174	88.9	53.2	110.6
176	86.3	51.6	107.2
75	45.1	30.7	63.7

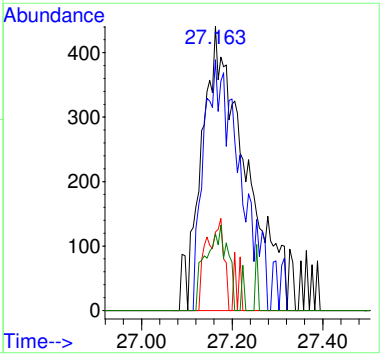


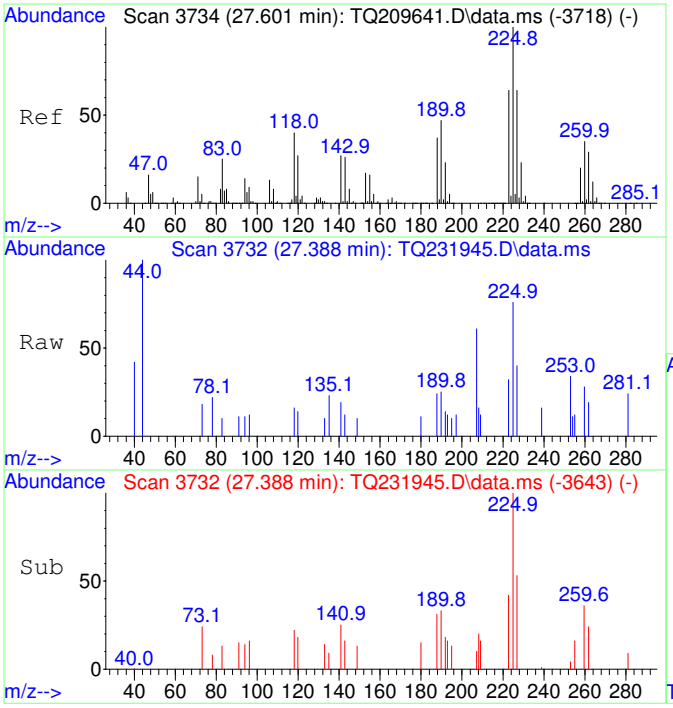


#77
1,2,4-Trichlorbenzene
Concen: 0.05 ppbv
RT: 27.163 min Scan# 3695
Delta R.T. 0.098 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:180 Resp: 3057

Ion	Ratio	Lower	Upper
180	100		
182	75.1	61.7	128.1
145	0.0	19.2	40.0#
74	0.0	18.0	37.4#

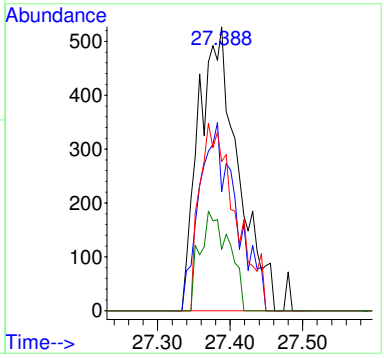


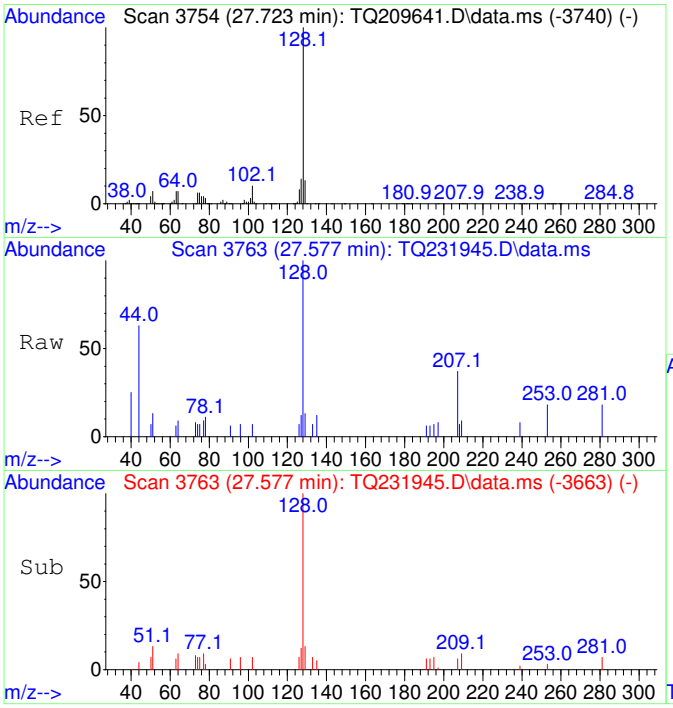


#78
Hexachlorobutadiene
Concen: 0.03 ppbv
RT: 27.388 min Scan# 3732
Delta R.T. 0.043 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:225 Resp: 2017

Ion	Ratio	Lower	Upper
225	100		
223	61.1	40.8	84.8
227	59.1	41.3	85.7
118	25.6	26.7	55.5#

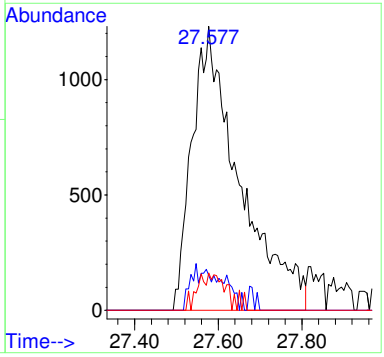




#79
Naphthalene
Concen: 0.07 ppbv
RT: 27.577 min Scan# 3763
Delta R.T. 0.110 min
Lab File: TQ231945.D
Acq: 8 Apr 2025 12:28 pm

Tgt Ion:128 Resp: 9650

Ion	Ratio	Lower	Upper
128	100		
127	10.3	8.1	16.9
129	8.1	7.1	14.7



FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Lab File ID:	TQ231730.D	Injection Date:	03/27/25
Instrument ID:	TO15_AIR2	Injection Time:	13:47
Sequence:	S5C3110	Lab Sample ID:	S5C3110-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	16.9	PASS
75	30 - 66% of 95	45.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.72	PASS
173	Less than 2% of 174	0	PASS
174	50 - 120% of 95	84.4	PASS
175	4 - 9% of 174	8.06	PASS
176	93 - 101% of 174	97.2	PASS
177	5 - 9% of 176	6.66	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Lab File ID:	TQ231941.D	Injection Date:	04/08/25
Instrument ID:	TO15_AIR2	Injection Time:	08:46
Sequence:	S5D0852	Lab Sample ID:	S5D0852-TUN1

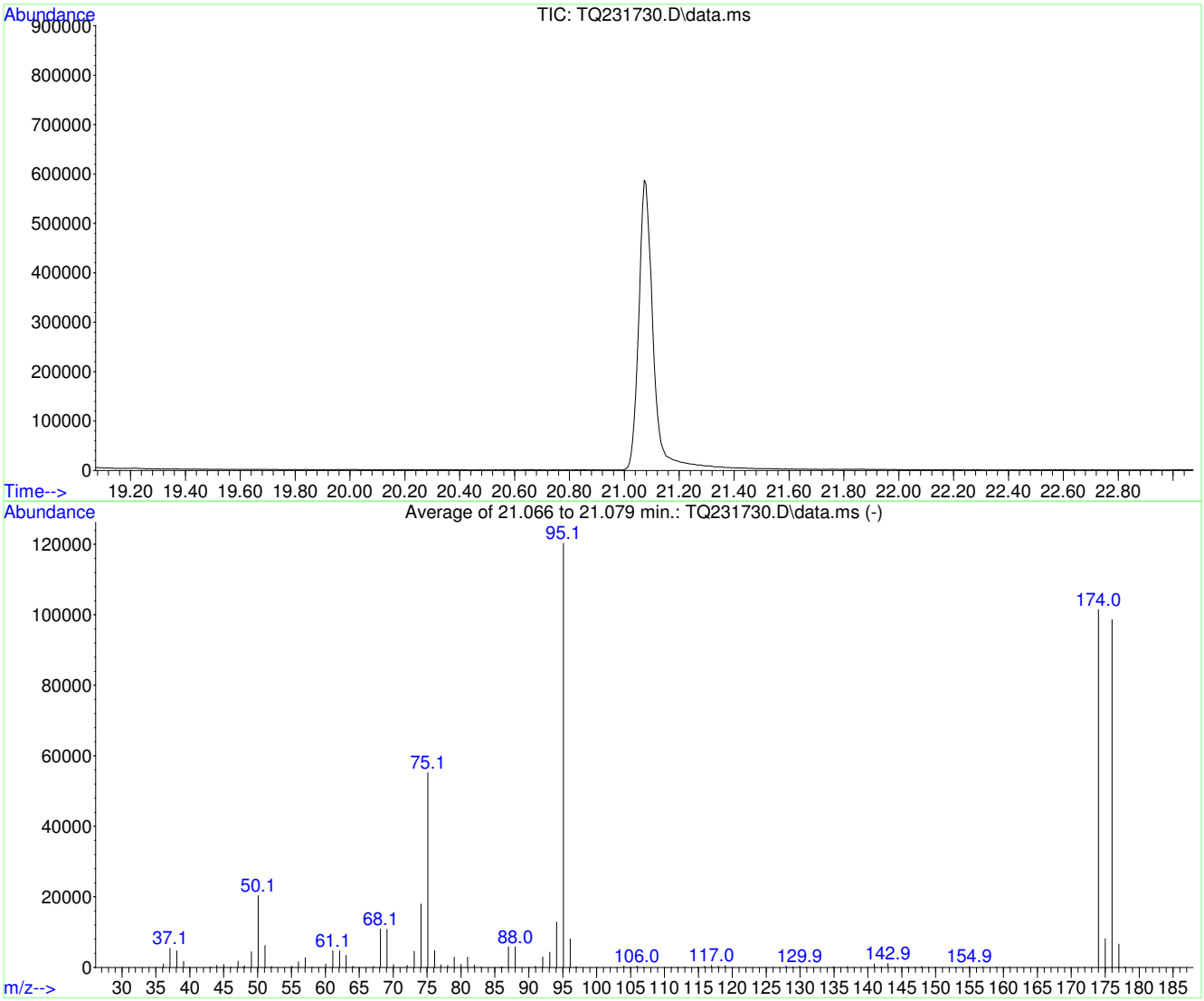
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	17.1	PASS
75	30 - 66% of 95	45.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.71	PASS
173	Less than 2% of 174	0	PASS
174	50 - 120% of 95	88.9	PASS
175	4 - 9% of 174	7.74	PASS
176	93 - 101% of 174	98.1	PASS
177	5 - 9% of 176	6.57	PASS

BFB

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231730.D
Acq On : 27 Mar 2025 1:47 pm
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO2022225A
ALS Vial : 6 Sample Multiplier: 1

Integration File: rteintnew.p

Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Title : TO15 VOC Analysis
Last Update : Fri Mar 28 08:10:20 2025
InstName : TO15_AIR2



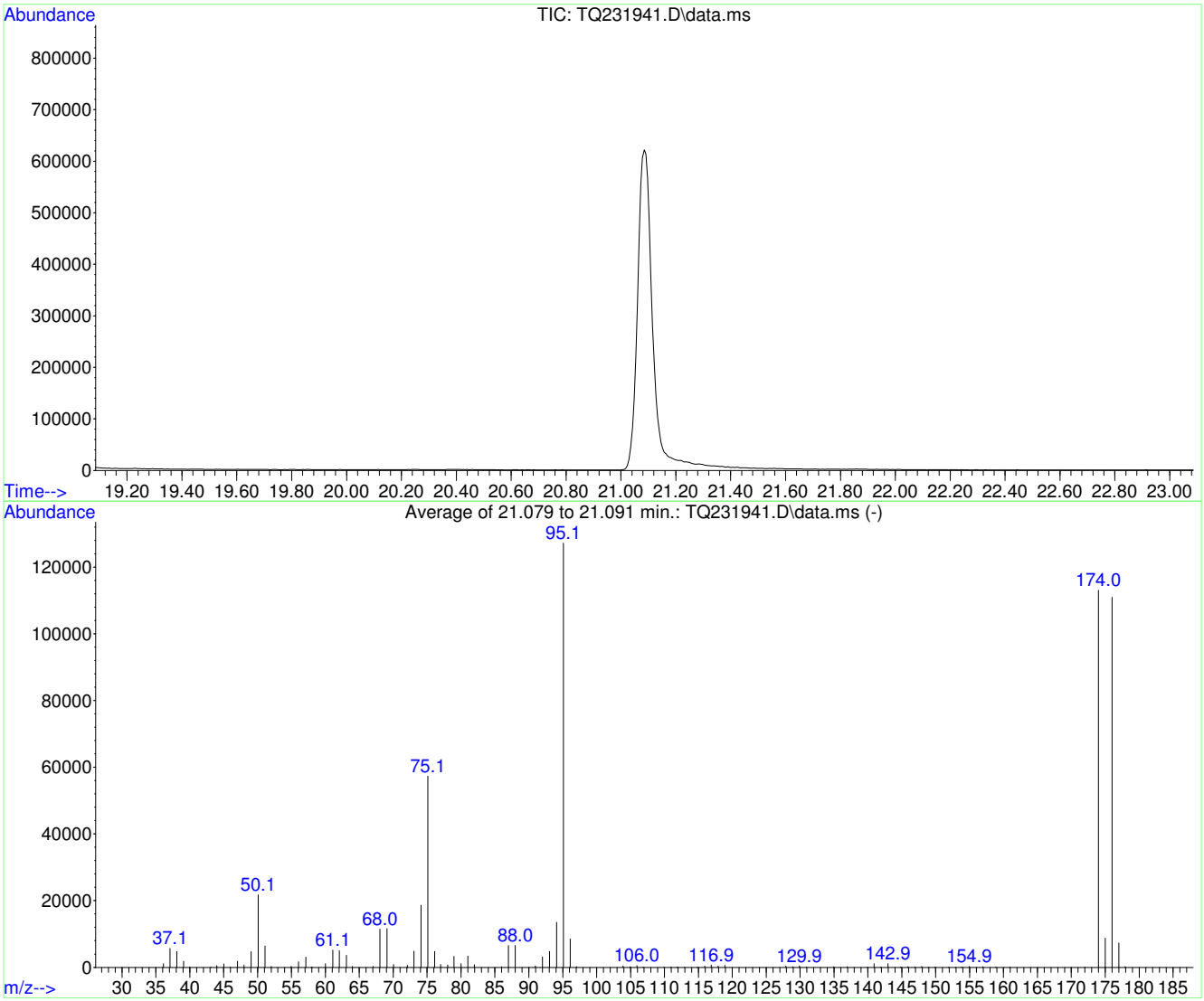
AutoFind: Scans 2695, 2696, 2697; Background Corrected with Scan 2681

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.9	20373	PASS
75	95	30	66	45.9	55264	PASS
95	95	100	100	100.0	120304	PASS
96	95	5	9	6.7	8082	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	84.4	101477	PASS
175	174	4	9	8.1	8177	PASS
176	174	93	101	97.2	98635	PASS
177	176	5	9	6.7	6573	PASS

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231941.D
Acq On : 8 Apr 2025 8:46 am
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO2040525A
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteintnew.p

Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Title : TO15 VOC Analysis
Last Update : Fri Mar 28 08:10:20 2025
InstName : TO15_AIR2



AutoFind: Scans 2697, 2698, 2699; Background Corrected with Scan 2680

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.1	21773	PASS
75	95	30	66	45.1	57347	PASS
95	95	100	100	100.0	127141	PASS
96	95	5	9	6.7	8536	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.9	113032	PASS
175	174	4	9	7.7	8751	PASS
176	174	93	101	98.1	110931	PASS
177	176	5	9	6.6	7289	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Sequence: S5C3110
Instrument: TO15_AIR2
Calibration: SC50042

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5C3110-TUN1	TQ231730.D	03/27/25 13:47
Cal Standard	S5C3110-CAL1	TQ231731.D	03/27/25 14:39
Cal Standard	S5C3110-CAL2	TQ231732.D	03/27/25 15:30
Cal Standard	S5C3110-CAL3	TQ231733.D	03/27/25 16:21
Cal Standard	S5C3110-CAL4	TQ231734.D	03/27/25 17:12
Cal Standard	S5C3110-CAL5	TQ231735.D	03/27/25 18:04
Cal Standard	S5C3110-CAL6	TQ231736.D	03/27/25 18:58
Cal Standard	S5C3110-CAL7	TQ231737.D	03/27/25 19:54
Cal Standard	S5C3110-CAL8	TQ231738.D	03/27/25 20:52
Cal Standard	S5C3110-CAL9	TQ231739.D	03/27/25 21:52
Cal Standard	S5C3110-CALA	TQ231740.D	03/27/25 22:43
Cal Standard	S5C3110-CALB	TQ231741.D	03/27/25 23:35
Cal Standard	S5C3110-CALC	TQ231742.D	03/28/25 00:27
Cal Standard	S5C3110-CALD	TQ231743.D	03/28/25 01:21
Cal Standard	S5C3110-CALE	TQ231744.D	03/28/25 02:17
Cal Standard	S5C3110-CALF	TQ231745.D	03/28/25 03:15
Cal Standard	S5C3110-CALG	TQ231746.D	03/28/25 04:18
Secondary Cal Check	S5C3110-SCV1	TQ231751.D	03/28/25 08:37

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D0852	Instrument:	TO15_AIR2
		Calibration:	SC50042

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5D0852-TUN1	TQ231941.D	04/08/25 08:46
Calibration Check	S5D0852-CCV1	TQ231942.D	04/08/25 09:39
LCS	BD50585-BS1	TQ231943.D	04/08/25 10:32
Blank	BD50585-BLK1	TQ231945.D	04/08/25 12:28
AI-8 20250326	25C1716-01	TQ231948.D	04/08/25 16:40
AI-9 20250326	25C1716-02	TQ231949.D	04/08/25 17:45
AI-10 20250326	25C1716-03	TQ231950.D	04/08/25 18:50
AI-11 20250326	25C1716-04	TQ231951.D	04/08/25 19:54
AI-12 20250326	25C1716-05	TQ231952.D	04/08/25 20:58
AI-13 20250326	25C1716-06	TQ231953.D	04/08/25 22:03
AI-13 20250326	BD50585-DUP1	TQ231954.D	04/08/25 23:08

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Sequence: S5D0852
Instrument: TO15_AIR2
Batch: BD50585
Calibration: SC50042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
AI-8 20250326 (25C1716-01)			Lab File ID: TQ231948.D			Analyzed: 04/08/25 16:40			
Bromochloromethane	391702	11.898	380859	11.898	103	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1221744	13.513	1195855	13.519	102	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1007664	18.896	1054275	18.89	96	60 - 140	0.0060	+/-0.33	
AI-9 20250326 (25C1716-02)			Lab File ID: TQ231949.D			Analyzed: 04/08/25 17:45			
Bromochloromethane	395616	11.891	380859	11.898	104	60 - 140	-0.0070	+/-0.33	
ISTD: 1,4-Difluorobenzene	1221060	13.519	1195855	13.519	102	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	992629	18.89	1054275	18.89	94	60 - 140	0.0000	+/-0.33	
AI-10 20250326 (25C1716-03)			Lab File ID: TQ231950.D			Analyzed: 04/08/25 18:50			
Bromochloromethane	386112	11.892	380859	11.898	101	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1207771	13.519	1195855	13.519	101	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1029055	18.896	1054275	18.89	98	60 - 140	0.0060	+/-0.33	
AI-11 20250326 (25C1716-04)			Lab File ID: TQ231951.D			Analyzed: 04/08/25 19:54			
Bromochloromethane	406185	11.892	380859	11.898	107	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1250282	13.519	1195855	13.519	105	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1061350	18.89	1054275	18.89	101	60 - 140	0.0000	+/-0.33	
AI-12 20250326 (25C1716-05)			Lab File ID: TQ231952.D			Analyzed: 04/08/25 20:58			
Bromochloromethane	390988	11.898	380859	11.898	103	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1184703	13.525	1195855	13.519	99	60 - 140	0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1084325	18.89	1054275	18.89	103	60 - 140	0.0000	+/-0.33	
AI-13 20250326 (25C1716-06)			Lab File ID: TQ231953.D			Analyzed: 04/08/25 22:03			
Bromochloromethane	398693	11.892	380859	11.898	105	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1225748	13.513	1195855	13.519	102	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1029759	18.884	1054275	18.89	98	60 - 140	-0.0060	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5C3110	Instrument:	TO15_AIR2
Batch:	S5C3110	Calibration:	SC50042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5C3110-CAL1)			Lab File ID: TQ231731.D			Analyzed: 03/27/25 14:39			
Bromochloromethane	417038	11.892	408707	11.885	102	60 - 140	0.0070	+/-0.33	
ISTD: 1,4-Difluorobenzene	1311473	13.513	1286475	13.513	102	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1070608	18.89	1106307	18.884	97	60 - 140	0.0060	+/-0.33	
Cal Standard (S5C3110-CAL2)			Lab File ID: TQ231732.D			Analyzed: 03/27/25 15:30			
Bromochloromethane	411994	11.879	408707	11.885	101	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1231087	13.507	1286475	13.513	96	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1054476	18.884	1106307	18.884	95	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CAL3)			Lab File ID: TQ231733.D			Analyzed: 03/27/25 16:21			
Bromochloromethane	403010	11.885	408707	11.885	99	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1295870	13.507	1286475	13.513	101	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1057002	18.884	1106307	18.884	96	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CAL4)			Lab File ID: TQ231734.D			Analyzed: 03/27/25 17:12			
Bromochloromethane	401148	11.885	408707	11.885	98	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1205540	13.507	1286475	13.513	94	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1077573	18.884	1106307	18.884	97	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CAL5)			Lab File ID: TQ231735.D			Analyzed: 03/27/25 18:04			
Bromochloromethane	398865	11.885	408707	11.885	98	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1214296	13.507	1286475	13.513	94	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1092346	18.884	1106307	18.884	99	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CAL6)			Lab File ID: TQ231736.D			Analyzed: 03/27/25 18:58			
Bromochloromethane	410310	11.873	408707	11.885	100	60 - 140	-0.0120	+/-0.33	
ISTD: 1,4-Difluorobenzene	1290724	13.507	1286475	13.513	100	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1056942	18.884	1106307	18.884	96	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CAL7)			Lab File ID: TQ231737.D			Analyzed: 03/27/25 19:54			
Bromochloromethane	417169	11.879	408707	11.885	102	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1279753	13.507	1286475	13.513	99	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1064547	18.89	1106307	18.884	96	60 - 140	0.0060	+/-0.33	
Cal Standard (S5C3110-CAL8)			Lab File ID: TQ231738.D			Analyzed: 03/27/25 20:52			
Bromochloromethane	409006	11.879	408707	11.885	100	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1264786	13.513	1286475	13.513	98	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1086656	18.89	1106307	18.884	98	60 - 140	0.0060	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5C3110	Instrument:	TO15_AIR2
Batch:	S5C3110	Calibration:	SC50042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5C3110-CAL9)			Lab File ID: TQ231739.D			Analyzed: 03/27/25 21:52			
Bromochloromethane	409933	11.873	408707	11.885	100	60 - 140	-0.0120	+/-0.33	
ISTD: 1,4-Difluorobenzene	1264378	13.507	1286475	13.513	98	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1139984	18.884	1106307	18.884	103	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CALA)			Lab File ID: TQ231740.D			Analyzed: 03/27/25 22:43			
Bromochloromethane	406154	11.873	408707	11.885	99	60 - 140	-0.0120	+/-0.33	
ISTD: 1,4-Difluorobenzene	1269928	13.501	1286475	13.513	99	60 - 140	-0.0120	+/-0.33	
ISTD: d5-Chlorobenzene	1065318	18.884	1106307	18.884	96	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CALB)			Lab File ID: TQ231741.D			Analyzed: 03/27/25 23:35			
Bromochloromethane	403223	11.879	408707	11.885	99	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1257368	13.507	1286475	13.513	98	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1086398	18.884	1106307	18.884	98	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CALC)			Lab File ID: TQ231742.D			Analyzed: 03/28/25 00:27			
Bromochloromethane	408707	11.885	408707	11.885	100	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1286475	13.513	1286475	13.513	100	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1106307	18.884	1106307	18.884	100	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CALD)			Lab File ID: TQ231743.D			Analyzed: 03/28/25 01:21			
Bromochloromethane	379196	11.885	408707	11.885	93	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1172002	13.513	1286475	13.513	91	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1048047	18.89	1106307	18.884	95	60 - 140	0.0060	+/-0.33	
Cal Standard (S5C3110-CALE)			Lab File ID: TQ231744.D			Analyzed: 03/28/25 02:17			
Bromochloromethane	401223	11.891	408707	11.885	98	60 - 140	0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1321488	13.519	1286475	13.513	103	60 - 140	0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1055647	18.884	1106307	18.884	95	60 - 140	0.0000	+/-0.33	
Cal Standard (S5C3110-CALF)			Lab File ID: TQ231745.D			Analyzed: 03/28/25 03:15			
Bromochloromethane	397050	11.892	408707	11.885	97	60 - 140	0.0070	+/-0.33	
ISTD: 1,4-Difluorobenzene	1264367	13.513	1286475	13.513	98	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1081862	18.89	1106307	18.884	98	60 - 140	0.0060	+/-0.33	
Cal Standard (S5C3110-CALG)			Lab File ID: TQ231746.D			Analyzed: 03/28/25 04:18			
Bromochloromethane	396692	11.885	408707	11.885	97	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1238539	13.513	1286475	13.513	96	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1084911	18.89	1106307	18.884	98	60 - 140	0.0060	+/-0.33	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5C3110	Instrument:	TO15_AIR2
Batch:	S5C3110	Calibration:	SC50042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Secondary Cal Check (S5C3110-SCV1)			Lab File ID: TQ231751.D			Analyzed: 03/28/25 08:37			
Bromochloromethane	406966	11.885	408707	11.885	100	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1260213	13.507	1286475	13.513	98	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1099814	18.89	1106307	18.884	99	60 - 140	0.0060	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D0852	Instrument:	TO15_AIR2
Batch:	S5D0852	Calibration:	SC50042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5D0852-CCV1)			Lab File ID: TQ231942.D			Analyzed: 04/08/25 09:39			
Bromochloromethane	380859	11.898				60 - 140		+/-0.33	
ISTD: 1,4-Difluorobenzene	1195855	13.519				60 - 140		+/-0.33	
ISTD: d5-Chlorobenzene	1054275	18.89				60 - 140		+/-0.33	
LCS (BD50585-BS1)			Lab File ID: TQ231943.D			Analyzed: 04/08/25 10:32			
Bromochloromethane	373015	11.904	380859	11.898	98	60 - 140	0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1112044	13.519	1195855	13.519	93	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1027019	18.896	1054275	18.89	97	60 - 140	0.0060	+/-0.33	
Blank (BD50585-BLK1)			Lab File ID: TQ231945.D			Analyzed: 04/08/25 12:28			
Bromochloromethane	359205	11.897	380859	11.898	94	60 - 140	-0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1161011	13.519	1195855	13.519	97	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	945097	18.896	1054275	18.89	90	60 - 140	0.0060	+/-0.33	
Duplicate (BD50585-DUP1)			Lab File ID: TQ231954.D			Analyzed: 04/08/25 23:08			
Bromochloromethane	382630	11.892	380859	11.898	100	60 - 140	-0.0060	+/-0.33	
ISTD: 1,4-Difluorobenzene	1222832	13.513	1195855	13.519	102	60 - 140	-0.0060	+/-0.33	
ISTD: d5-Chlorobenzene	1055298	18.89	1054275	18.89	100	60 - 140	0.0000	+/-0.33	

FORM VI INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	0.025		0.05		0.1	0.5188259	0.2	0.5210784	0.5	0.5088864	1	0.5237752
1,1,1-Trichloroethane	0.025		0.05		0.1	1.94288	0.2	1.816537	0.5	1.720632	1	1.708001
1,1,2,2-Tetrachloroethane	0.025		0.05		0.1	0.9526945	0.2	0.9203553	0.5	0.8983784	1	0.9188678
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	0.025		0.05		0.1	1.769931	0.2	1.754839	0.5	1.588959	1	1.522434
1,1,2-Trichloroethane	0.025		0.05		0.1	0.3390772	0.2	0.3837699	0.5	0.3451053	1	0.3566138
1,1-Dichloroethane	0.025		0.05		0.1	1.577628	0.2	1.458813	0.5	1.379214	1	1.372596
1,1-Dichloroethylene	0.025	1.479961	0.05	1.455846	0.1	1.366219	0.2	1.256768	0.5	1.234302	1	1.197655
1,2,4-Trichlorobenzene	0.025		0.05		0.1	0.8927135	0.2	0.670813	0.5	0.4640654	1	0.5087129
1,2,4-Trimethylbenzene	0.025		0.05		0.1	1.40539	0.2	1.357263	0.5	1.317934	1	1.27691
1,2-Dibromoethane	0.025		0.05		0.1	0.4974264	0.2	0.5331221	0.5	0.532539	1	0.5093343
1,2-Dichlorobenzene	0.025		0.05		0.1	0.8641422	0.2	0.8485272	0.5	0.8109702	1	0.8384377
1,2-Dichloroethane	0.025		0.05		0.1	1.207166	0.2	1.15344	0.5	1.109298	1	1.116863
1,2-Dichloropropane	0.025		0.05		0.1	0.3341385	0.2	0.3404698	0.5	0.2999433	1	0.311887
1,2-Dichlorotetrafluoroethane	0.025		0.05		0.1	2.02129	0.2	2.01933	0.5	2.020232	1	1.778021
1,3,5-Trimethylbenzene	0.025		0.05		0.1	1.463006	0.2	1.34673	0.5	1.315078	1	1.311841
1,3-Butadiene	0.025		0.05		0.1	0.5744274	0.2	0.4827395	0.5	0.5070889	1	0.435305
1,3-Dichlorobenzene	0.025		0.05		0.1	0.7848613	0.2	0.7838448	0.5	0.762524	1	0.7909895
1,3-Dichloropropane	0.025		0.05		0.1	0.4555241	0.2	0.4692088	0.5	0.4639561	1	0.4553723
1,4-Dichlorobenzene	0.025		0.05		0.1	0.877198	0.2	0.8049571	0.5	0.7910863	1	0.811
1,4-Dioxane	0.025		0.05		0.1	0.1997886	0.2	0.1884633	0.5	0.1896572	1	0.1804104
2,2,4-Trimethylpentane	0.025	4.290257	0.05	4.251518	0.1	4.179549	0.2	3.796728	0.5	3.521593	1	3.71736
2-Butanone	0.025		0.05		0.1	1.888291	0.2	1.826882	0.5	1.48732	1	1.468987
2-Hexanone	0.025		0.05		0.1	0.622439	0.2	0.6559716	0.5	0.5864303	1	0.5871123
3-Chloropropene	0.025		0.05		0.1	1.156547	0.2	1.014463	0.5	0.9561631	1	0.9211084
4-Methyl-2-pentanone	0.025		0.05		0.1	0.6749905	0.2	0.6271463	0.5	0.6258112	1	0.6728317
Acetone	0.025		0.05		0.1	2.352547	0.2	1.844207	0.5	1.573715	1	1.350686
Acrolein	0.025		0.05		0.1	0.3486266	0.2	0.3325456	0.5	0.3211613	1	0.2922912
Acrylonitrile	0.025		0.05		0.1	0.5267859	0.2	0.5924247	0.5	0.5591867	1	0.5788794
Benzene	0.025		0.05		0.1	3.436143	0.2	2.996525	0.5	2.780339	1	2.742682

FORM VI

INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: PVE, LLC.

Calibration: SC50042

SDG: 25C1716

Project: 20240302

Instrument: TO15_AIR2

Calibration Date: 03/27/25 13:47

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzyl chloride	0.025		0.05		0.1	0.7997147	0.2	0.8998926	0.5	0.9309504	1	0.9720306
Bromodichloromethane	0.025		0.05		0.1	0.5884078	0.2	0.6241601	0.5	0.6048443	1	0.5910869
Bromoform	0.025		0.05		0.1	0.5298003	0.2	0.5404738	0.5	0.5387853	1	0.591234
Bromomethane	0.025		0.05		0.1	1.014367	0.2	0.8900705	0.5	0.8015745	1	0.6904779
Carbon disulfide	0.025		0.05		0.1	2.400189	0.2	2.358232	0.5	2.319181	1	2.209183
Carbon tetrachloride	0.025	1.770582	0.05	1.730608	0.1	1.799459	0.2	1.62546	0.5	1.477041	1	1.538373
Chlorobenzene	0.025		0.05		0.1	1.008797	0.2	0.9932506	0.5	0.9332574	1	0.9489357
Chloroethane	0.025		0.05		0.1	0.3709585	0.2	0.3514912	0.5	0.3099796	1	0.3070118
Chloroform	0.025		0.05		0.1	1.835438	0.2	1.74736	0.5	1.737179	1	1.692062
Chloromethane	0.025		0.05		0.1	1.04985	0.2	0.7453608	0.5	0.6390132	1	0.5147571
cis-1,2-Dichloroethylene	0.025	1.650689	0.05	1.501478	0.1	1.341902	0.2	1.418554	0.5	1.281687	1	1.16897
cis-1,3-Dichloropropylene	0.025		0.05		0.1	0.467871	0.2	0.4648539	0.5	0.4548479	1	0.4696202
Cyclohexane	0.025		0.05		0.1	1.432471	0.2	1.289549	0.5	1.240971	1	1.222198
Dibromochloromethane	0.025		0.05		0.1	0.3991141	0.2	0.4066228	0.5	0.3865944	1	0.38583
Dichlorodifluoromethane	0.025		0.05		0.1	2.083323	0.2	2.018332	0.5	2.018879	1	1.814799
Ethanol	0.025		0.05		0.1		0.2		0.5		1	
Ethyl acetate	0.025		0.05		0.1	2.080345	0.2	2.19844	0.5	1.870307	1	1.882016
Ethyl Benzene	0.025		0.05		0.1	1.593185	0.2	1.547366	0.5	1.537224	1	1.628462
Hexachlorobutadiene	0.025		0.05		0.1	1.076535	0.2	0.9152512	0.5	0.8163714	1	0.7726819
Isopropanol	0.025		0.05		0.1	~~5.21724~~	0.2	~~3.34652~~	0.5	2.235042	1	1.760035
Isopropylbenzene	0.025		0.05		0.1	1.610498	0.2	1.551496	0.5	1.551303	1	1.724134
Methyl Methacrylate	0.025		0.05		0.1	0.3052775	0.2	0.2937688	0.5	0.2711201	1	0.2873039
Methyl tert-butyl ether (MTBE)	0.025		0.05		0.1	2.261234	0.2	2.222496	0.5	2.180287	1	2.039702
Methylene chloride	0.025		0.05		0.1	1.003945	0.2	0.8859573	0.5	0.892332	1	0.8602276
Naphthalene	0.025		0.05		0.1	2.262815	0.2	1.766748	0.5	1.269964	1	1.225469
n-Butylbenzene	0.025		0.05		0.1	1.444179	0.2	1.375127	0.5	1.328938	1	1.303667
n-Heptane	0.025		0.05		0.1	1.814595	0.2	1.567501	0.5	1.496647	1	1.504765
n-Hexane	0.025		0.05		0.1	1.235701	0.2	1.115673	0.5	1.121081	1	1.112354
n-Propylbenzene	0.025		0.05		0.1	1.857896	0.2	1.861498	0.5	1.748622	1	1.852155

FORM VI INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
o-Xylene	0.025		0.05		0.1	1.196686	0.2	1.22117	0.5	1.210825	1	1.299939
p- & m- Xylenes	0.05		0.1		0.2	1.23628	0.4	1.187576	1	1.142138	2	1.252079
p-Ethyltoluene	0.025		0.05		0.1	1.447017	0.2	1.472615	0.5	1.425116	1	1.530207
p-Isopropyltoluene	0.025		0.05		0.1	1.531785	0.2	1.50194	0.5	1.538176	1	1.543216
Propylene	0.025		0.05		0.1	0.5238083	0.2	0.4813685	0.5	0.4171838	1	0.3598011
sec-Butylbenzene	0.025		0.05		0.1	2.025919	0.2	1.944741	0.5	1.849725	1	1.821973
Styrene	0.025		0.05		0.1	0.8207175	0.2	0.8123348	0.5	0.7987579	1	0.9067763
tert-Butylbenzene	0.025		0.05		0.1	1.508796	0.2	1.442686	0.5	1.374034	1	1.442151
Tetrachloroethylene	0.025		0.05		0.1	0.5452707	0.2	0.5665511	0.5	0.5237603	1	0.5194759
Tetrahydrofuran	0.025		0.05		0.1	1.007915	0.2	0.9283357	0.5	0.8894739	1	0.9170627
Toluene	0.025		0.05		0.1	1.140778	0.2	1.083581	0.5	1.072918	1	1.100948
trans-1,2-Dichloroethylene	0.025		0.05		0.1	1.173172	0.2	1.140601	0.5	1.151267	1	1.078697
trans-1,3-Dichloropropylene	0.025		0.05		0.1	0.3737258	0.2	0.4118072	0.5	0.3931496	1	0.411304
Trichloroethylene	0.025	0.5843811	0.05	0.4708034	0.1	0.4086058	0.2	0.3949682	0.5	0.3678181	1	0.380182
Trichlorofluoromethane (Freon 11)	0.025		0.05		0.1	2.118558	0.2	2.060461	0.5	1.935743	1	1.909093
Vinyl acetate	0.025		0.05		0.1	2.186546	0.2	2.05211	0.5	1.98769	1	1.990081
Vinyl bromide	0.025		0.05		0.1	0.7270291	0.2	0.7082174	0.5	0.6660399	1	0.6765129
Vinyl Chloride	0.025	0.7836216	0.05	0.636417	0.1	0.6798839	0.2	0.6258289	0.5	0.6091785	1	0.5375692

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	1.5	0.5294271	2	0.5273564	2.5	0.4914455	3	0.5542915	5.02	0.540523	10	0.5041874
1,1,1-Trichloroethane	1.5	1.755068	2	1.798238	2.5	1.774583	3	1.893723	5.02	1.78456	10	1.77914
1,1,2,2-Tetrachloroethane	1.5	0.8980659	2	0.9180918	2.5	0.8684613	3	0.9235834	5.02	0.9459198	10	0.8931978
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	1.5	1.568541	2	1.61159	2.5	1.648152	3	1.698133	5.02	1.684297	10	1.570548
1,1,2-Trichloroethane	1.5	0.3527764	2	0.3693906	2.5	0.3572856	3	0.372197	5.02	0.3481075	10	0.3418621
1,1-Dichloroethane	1.5	1.412297	2	1.452411	2.5	1.453701	3	1.522616	5.02	1.481272	10	1.430624
1,1-Dichloroethylene	1.5	1.224476	2	1.250495	2.5	1.294075	3	1.336053	5.02	1.310141	10	1.260314
1,2,4-Trichlorobenzene	1.5	0.5259076	2	0.4976092	2.5	0.4887858	3	0.5066875	5.02	0.6373469	10	0.6296869
1,2,4-Trimethylbenzene	1.5	1.340057	2	1.336108	2.5	1.38949	3	1.344919	5.02	1.346747	10	1.433362
1,2-Dibromoethane	1.5	0.5172248	2	0.5486225	2.5	0.5455679	3	0.5746914	5.02	0.5420163	10	0.5500496
1,2-Dichlorobenzene	1.5	0.8590383	2	0.8366677	2.5	0.8329205	3	0.8553659	5.02	0.8823925	10	0.8915545
1,2-Dichloroethane	1.5	1.14951	2	1.139519	2.5	1.11829	3	1.168112	5.02	1.181624	10	1.128402
1,2-Dichloropropane	1.5	0.3097004	2	0.3078505	2.5	0.3181106	3	0.3350636	5.02	0.3124769	10	0.3023922
1,2-Dichlorotetrafluoroethane	1.5	1.953725	2	1.91996	2.5	1.907453	3	2.092047	5.02	2.080942	10	1.990233
1,3,5-Trimethylbenzene	1.5	1.389768	2	1.382208	2.5	1.327205	3	1.361603	5.02	1.394735	10	1.355487
1,3-Butadiene	1.5	0.4526383	2	0.4160697	2.5	0.4584847	3	0.4812132	5.02	0.4579485	10	0.4250478
1,3-Dichlorobenzene	1.5	0.8182134	2	0.8687938	2.5	0.8692683	3	0.8788487	5.02	0.9567583	10	0.9475082
1,3-Dichloropropane	1.5	0.4359279	2	0.4666916	2.5	0.463507	3	0.477195	5.02	0.4550912	10	0.4633118
1,4-Dichlorobenzene	1.5	0.8587252	2	0.8437905	2.5	0.8904651	3	0.8855979	5.02	0.9739154	10	0.9564642
1,4-Dioxane	1.5	0.1858952	2	0.1896645	2.5	0.1914301	3	0.1845905	5.02	0.1894285	10	0.1833211
2,2,4-Trimethylpentane	1.5	3.826475	2	3.929233	2.5	3.827855	3	4.003826	5.02	3.867538	10	3.850891
2-Butanone	1.5	1.547414	2	1.617213	2.5	1.618421	3	1.677369	5.02	1.615084	10	1.598928
2-Hexanone	1.5	0.5794712	2	0.6141197	2.5	0.6001813	3	0.6444066	5.02	0.6060468	10	0.597916
3-Chloropropene	1.5	0.8795636	2	0.9357687	2.5	0.9102366	3	1.011193	5.02	1.000786	10	0.9032167
4-Methyl-2-pentanone	1.5	0.6648991	2	0.6904093	2.5	0.6895153	3	0.7290702	5.02	0.6744009	10	0.6990062
Acetone	1.5	1.357867	2	1.386337	2.5	1.411421	3	1.279014	5.02	1.236679	10	1.146596
Acrolein	1.5	0.3123754	2	0.3186873	2.5	0.3167835	3	0.3394771	5.02	0.3466096	10	0.3262631
Acrylonitrile	1.5	0.5456462	2	0.6204799	2.5	0.5780164	3	0.5895793	5.02	0.6167981	10	0.5703793
Benzene	1.5	2.695007	2	2.716782	2.5	2.771585	3	2.881091	5.02	2.848502	10	2.57218

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzyl chloride	1.5	1.006149	2	0.9580447	2.5	0.9988105	3	1.055106	5.02	1.159074	10	1.177763
Bromodichloromethane	1.5	0.6043041	2	0.6040429	2.5	0.6085775	3	0.6154312	5.02	0.6234946	10	0.6085124
Bromoform	1.5	0.6005935	2	0.6112974	2.5	0.5820082	3	0.7698202	5.02	0.776485	10	0.7376388
Bromomethane	1.5	0.720779	2	0.724696	2.5	0.7496542	3	0.7781859	5.02	0.7609306	10	0.7376189
Carbon disulfide	1.5	2.248985	2	2.355173	2.5	2.328878	3	2.424376	5.02	2.433149	10	2.265833
Carbon tetrachloride	1.5	1.565904	2	1.585026	2.5	1.61722	3	1.675465	5.02	1.65057	10	1.628541
Chlorobenzene	1.5	0.9453223	2	0.9763485	2.5	0.9214796	3	1.009686	5.02	0.9925027	10	0.9397916
Chloroethane	1.5	0.3291712	2	0.2999223	2.5	0.3240822	3	0.3559651	5.02	0.3426919	10	0.3400725
Chloroform	1.5	1.748724	2	1.717273	2.5	1.750345	3	1.846927	5.02	1.844846	10	1.742184
Chloromethane	1.5	0.5319986	2	0.5107138	2.5	0.5346727	3	0.5750528	5.02	0.536489	10	0.5233847
cis-1,2-Dichloroethylene	1.5	1.228311	2	1.162037	2.5	1.154618	3	1.223633	5.02	1.202285	10	1.167587
cis-1,3-Dichloropropylene	1.5	0.4699032	2	0.4683678	2.5	0.4795496	3	0.49817	5.02	0.4668244	10	0.4659026
Cyclohexane	1.5	1.254504	2	1.297585	2.5	1.255415	3	1.389596	5.02	1.297899	10	1.247444
Dibromochloromethane	1.5	0.3561573	2	0.396154	2.5	0.3777415	3	0.3976918	5.02	0.3822837	10	0.3646165
Dichlorodifluoromethane	1.5	1.876138	2	1.842015	2.5	1.91845	3	2.051693	5.02	1.992654	10	1.90387
Ethanol	1.5		2		2.5		3		5.02		10	
Ethyl acetate	1.5	1.847644	2	1.898334	2.5	1.909707	3	1.987563	5.02	1.97934	10	1.882512
Ethyl Benzene	1.5	1.550456	2	1.586583	2.5	1.563664	3	1.725516	5.02	1.612803	10	1.640964
Hexachlorobutadiene	1.5	0.7489195	2	0.7267111	2.5	0.6735252	3	0.7347634	5.02	0.7103301	10	0.6321799
Isopropanol	1.5	1.734005	2	1.678093	2.5	1.659071	3	1.689056	5.02	1.637913	10	1.530789
Isopropylbenzene	1.5	1.723431	2	1.685731	2.5	1.70588	3	1.838985	5.02	1.853253	10	1.793661
Methyl Methacrylate	1.5	0.2846278	2	0.2873648	2.5	0.305744	3	0.3100123	5.02	0.3000719	10	0.2930706
Methyl tert-butyl ether (MTBE)	1.5	2.159892	2	2.279685	2.5	2.155738	3	2.314541	5.02	2.295656	10	2.154727
Methylene chloride	1.5	0.8538666	2	0.9278592	2.5	0.8513489	3	0.9624428	5.02	0.9158328	10	0.8820304
Naphthalene	1.5	1.286832	2	1.259341	2.5	1.234466	3	1.223841	5.02	1.555753	10	1.5612
n-Butylbenzene	1.5	1.384132	2	1.265456	2.5	1.300829	3	1.380549	5.02	1.404374	10	1.404481
n-Heptane	1.5	1.491306	2	1.501139	2.5	1.520297	3	1.610908	5.02	1.590857	10	1.438133
n-Hexane	1.5	1.120186	2	1.135729	2.5	1.125081	3	1.19302	5.02	1.214102	10	1.106365
n-Propylbenzene	1.5	2.008216	2	1.955895	2.5	1.959964	3	2.106488	5.02	2.150032	10	2.130112

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
o-Xylene	1.5	1.24612	2	1.242072	2.5	1.250611	3	1.323961	5.02	1.311967	10	1.277407
p- & m- Xylenes	3	1.235637	4	1.265893	5	1.226075	6	1.360938	10	1.316911	20	1.239905
p-Ethyltoluene	1.5	1.615329	2	1.697308	2.5	1.661683	3	1.73474	5.02	1.734635	10	1.720341
p-Isopropyltoluene	1.5	1.549567	2	1.572204	2.5	1.500274	3	1.626015	5.02	1.585821	10	1.500459
Propylene	1.5	0.3836175	2	0.3520608	2.5	0.3817502	3	0.3910504	5.02	0.3907559	10	0.3713125
sec-Butylbenzene	1.5	1.886524	2	1.962484	2.5	1.929181	3	1.991405	5.02	2.009801	10	1.955065
Styrene	1.5	0.8955233	2	0.9226011	2.5	0.9265358	3	0.9568567	5.02	0.978747	10	0.9616833
tert-Butylbenzene	1.5	1.387376	2	1.468468	2.5	1.417708	3	1.46641	5.02	1.429678	10	1.437105
Tetrachloroethylene	1.5	0.4875993	2	0.5444478	2.5	0.5185728	3	0.5458367	5.02	0.5239285	10	0.5016429
Tetrahydrofuran	1.5	0.8946974	2	0.9140819	2.5	0.9108708	3	0.9887218	5.02	0.925911	10	0.8966203
Toluene	1.5	1.115002	2	1.118031	2.5	1.104784	3	1.115635	5.02	1.037104	10	1.042473
trans-1,2-Dichloroethylene	1.5	1.138068	2	1.163223	2.5	1.183345	3	1.266966	5.02	1.221819	10	1.174957
trans-1,3-Dichloropropylene	1.5	0.4182422	2	0.4293572	2.5	0.430191	3	0.4379225	5.02	0.4220192	10	0.4147613
Trichloroethylene	1.5	0.379443	2	0.3871999	2.5	0.396701	3	0.4074562	5.02	0.390137	10	0.3880254
Trichlorofluoromethane (Freon 11)	1.5	1.926861	2	1.937514	2.5	1.986198	3	2.095757	5.02	2.04225	10	1.968802
Vinyl acetate	1.5	1.961619	2	2.057879	2.5	1.935175	3	2.087681	5.02	1.991187	10	1.82151
Vinyl bromide	1.5	0.6658532	2	0.696249	2.5	0.698602	3	0.7362232	5.02	0.7265067	10	0.7123171
Vinyl Chloride	1.5	0.5672841	2	0.5570945	2.5	0.5777432	3	0.6392485	5.02	0.5959946	10	0.5755615

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5149838	4.437123	19.00771	2.478016E-02			30	
1,1,1-Trichloroethane	1.786816	3.618762	12.39743	5.226779E-02			30	
1,1,2,2-Tetrachloroethane	0.9173197	2.962615	20.83929	1.330897E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.63458	4.542305	8.127857	0.0976484			30	
1,1,2-Trichloroethane	0.3509358	4.620654	16.823	2.763483E-02			30	
1,1-Dichloroethane	1.428878	4.681849	10.3745	0.0609103			30	
1,1-Dichloroethylene	1.297637	6.168648	8.354375	9.426611E-02			30	
1,2,4-Trichlorobenzene	0.621838	20.48054	27.07186	1.813984E-02			30	
1,2,4-Trimethylbenzene	1.386089	4.92667	22.5795	2.028917E-02			30	
1,2-Dibromoethane	0.5397686	4.939222	18.14921	1.775699E-02			30	
1,2-Dichlorobenzene	0.8853911	6.673954	24.31729	2.118499E-02			30	
1,2-Dichloroethane	1.147912	2.573506	12.96164	5.276473E-02			30	
1,2-Dichloropropane	0.3118304	4.936961	14.40086	3.006039E-02			30	
1,2-Dichlorotetrafluoroethane	1.962638	4.518784	5.144714	0.1740802			30	
1,3,5-Trimethylbenzene	1.37337	3.369562	21.74	0.0209188			30	
1,3-Butadiene	0.4598385	9.037701	5.710429	0.1628826			30	
1,3-Dichlorobenzene	0.8892767	10.41217	23.42257	1.984027E-02			30	
1,3-Dichloropropane	0.4598857	2.322422	17.25557	2.627839E-02			30	
1,4-Dichlorobenzene	0.9097573	9.300865	23.612	1.207891E-02			30	
1,4-Dioxane	0.1874181	2.735663	14.74029	4.622005E-02			30	
2,2,4-Trimethylpentane	3.863553	5.881055	12.72663	3.192262E-02			30	
2-Butanone	1.625399	6.953918	11.00607	0.1067827			30	
2-Hexanone	0.6086018	3.711093	16.83593	3.512429E-02			30	
3-Chloropropene	0.9580096	7.308859	8.957714	8.327901E-02			30	
4-Methyl-2-pentanone	0.6698743	4.579254	16.13107	1.837957E-02			30	
Acetone	1.387287	24.94063	8.009929	0.2292621			30	
Acrolein	0.326007	4.552825	7.896072	0.2711945			30	
Acrylonitrile	0.5813337	4.32022	9.231928	0.274149			30	
Benzene	2.786953	8.069237	13.09293	4.272691E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	1.065557	14.61429	23.76271	1.264177E-02			30	
Bromodichloromethane	0.605758	2.418594	14.77371	4.129941E-02			30	
Bromoform	0.6477512	13.6728	20.58543	1.368335E-02			30	
Bromomethane	0.768971	11.22469	6.500286	0.0977899			30	
Carbon disulfide	2.318697	3.026402	9.235286	6.239538E-02			30	
Carbon tetrachloride	1.647024	5.198868	12.8775	3.362442E-02			30	
Chlorobenzene	0.9567194	3.858996	18.957	2.361311E-02			30	
Chloroethane	0.3319307	5.876631	6.674714	0.1192421			30	
Chloroform	1.754143	3.258784	11.65143	6.017903E-02			30	
Chloromethane	0.5889332	25.05437	5.359929	0.1920853			30	
cis-1,2-Dichloroethylene	1.243282	12.96764	11.37606	5.237222E-02			30	
cis-1,3-Dichloropropylene	0.4735583	2.940322	15.69114	2.459855E-02			30	
Cyclohexane	1.277157	4.925367	12.56843	4.287782E-02			30	
Dibromochloromethane	0.3806586	4.52902	17.56829	0.01433			30	
Dichlorodifluoromethane	1.916998	5.48719	4.871714	0.1576322			30	
Ethanol							30	
Ethyl acetate	1.941329	4.964479	11.31	9.004345E-02			30	
Ethyl Benzene	1.601814	4.527187	19.06443	1.832643E-02			30	
Hexachlorobutadiene	0.7522773	15.65314	27.343	1.034186E-02			30	
Isopropanol	1.649423	13.13049	7.797	0.115735			30	
Isopropylbenzene	1.715938	6.142682	20.65843	4.391568E-03			30	
Methyl Methacrylate	0.2927754	3.638926	14.42571	3.438105E-02			30	
Methyl tert-butyl ether (MTBE)	2.2009	3.26069	9.5235	0.1294531			30	
Methylene chloride	0.8944791	4.963124	9.11	5.584327E-02			30	
Naphthalene	1.545268	20.11297	27.47057	1.968912E-02			30	
n-Butylbenzene	1.41621	7.436848	24.05357	1.731406E-02			30	
n-Heptane	1.53862	6.155347	13.10843	0.0241297			30	
n-Hexane	1.131148	4.453026	9.998429	4.088152E-02			30	
n-Propylbenzene	2.00054	7.467428	21.43029	1.366368E-02			30	
o-Xylene	1.243391	4.526981	19.99957	7.331033E-03			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Instrument: TO15_AIR2
Calibration Date: 03/27/25 13:47

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.217691	6.736141	19.20957	1.438226E-02			30	
p-Ethyltoluene	1.639736	7.799978	21.65329	0.0153861			30	
p-Isopropyltoluene	1.574191	4.378347	23.24943	2.362375E-02			30	
Propylene	0.3899389	13.53694	4.800286	0.2285375			30	
sec-Butylbenzene	1.969977	4.827676	22.98057	1.448963E-02			30	
Styrene	0.9061753	6.846674	20.02271	8.761146E-03			30	
tert-Butylbenzene	1.455948	3.749959	22.50414	1.727722E-02			30	
Tetrachloroethylene	0.5216672	4.742572	17.56871	2.519487E-03			30	
Tetrahydrofuran	0.9232628	3.817888	11.99121	0.0950512			30	
Toluene	1.073595	4.48483	16.35614	2.061924E-02			30	
trans-1,2-Dichloroethylene	1.168221	3.722053	9.712857	0.0600511			30	
trans-1,3-Dichloropropylene	0.4173443	4.263269	16.52629	2.370371E-02			30	
Trichloroethylene	0.402485	13.6642	14.1625	3.646688E-02			30	
Trichlorofluoromethane (Freon 11)	1.980303	3.734723	7.250286	0.109221			30	
Vinyl acetate	1.924486	8.422768	10.343	0.1120765			30	
Vinyl bromide	0.6984373	3.817189	7.133929	9.909006E-02			30	
Vinyl Chloride	0.6050697	9.941306	5.628188	0.2128113			30	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231731.D
Acq On : 27 Mar 2025 2:39 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO2022225A
ALS Vial : 7 Sample Multiplier: 1

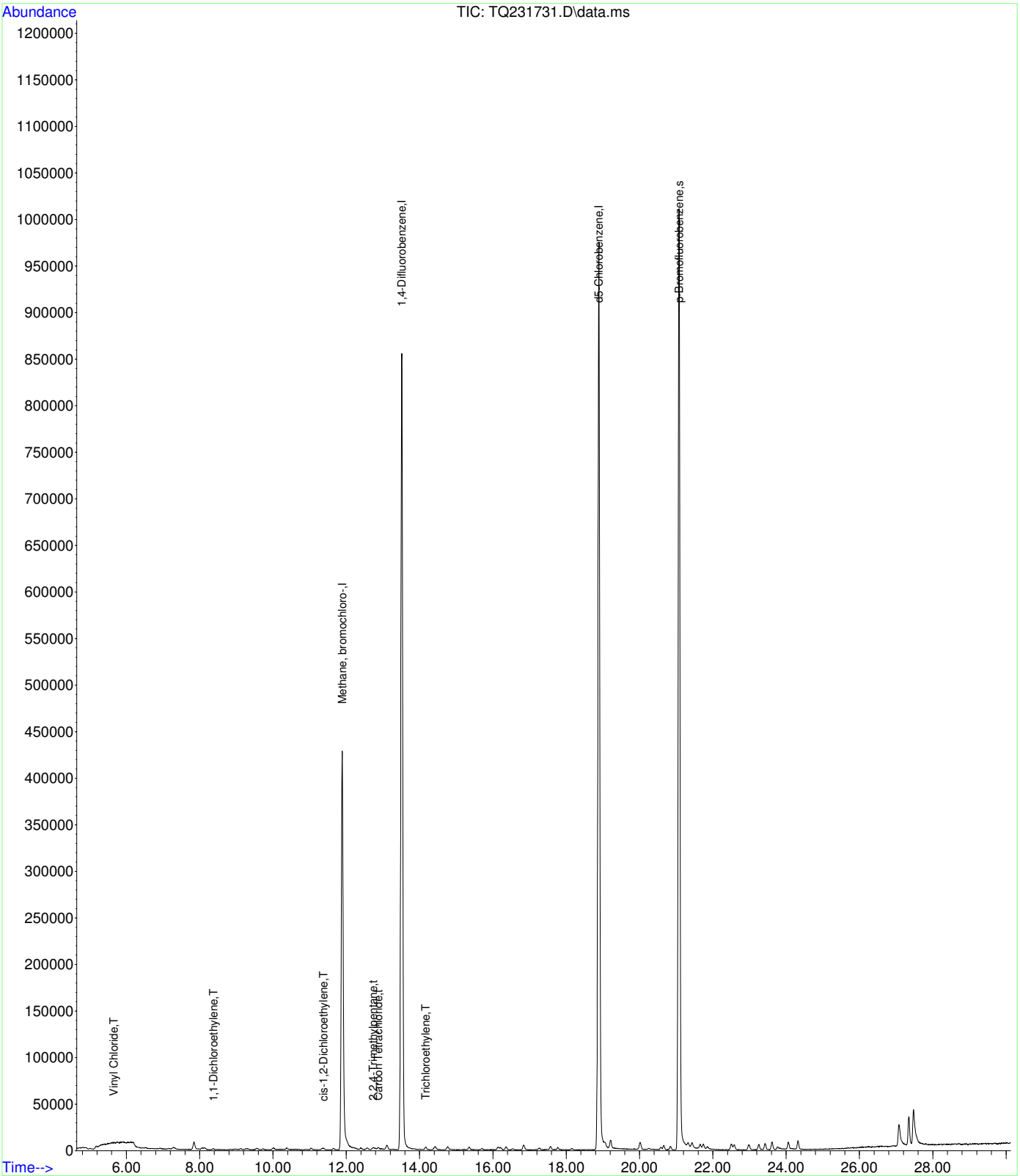
Quant Time: Mar 28 08:57:06 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	11.892	49	417038	10.00	ppbv	0.00
38) 1,4-Difluorobenzene	13.513	114	1311473	10.00	ppbv	0.00
54) d5-Chlorobenzene	18.890	117	1070608	10.00	ppbv	0.00
System Monitoring Compounds						
65) p-Bromofluorobenzene	21.079	95	737936	9.07	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.70%			
Target Compounds						Qvalue
6) Vinyl Chloride	5.655	62	817	0.03	ppbv	# 23
16) 1,1-Dichloroethylene	8.374	61	1543	0.03	ppbv	# 66
28) cis-1,2-Dichloroethylene	11.379	61	1721	0.03	ppbv	# 64
33) 2,2,4-Trimethylpentane	12.733	57	4473	0.03	ppbv	# 53
34) Carbon Tetrachloride	12.873	117	1846	0.03	ppbv	# 91
39) Trichloroethylene	14.165	95	1916	0.04	ppbv	96

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

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231731.D
Acq On : 27 Mar 2025 2:39 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO2022225A
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 28 08:57:06 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231732.D
Acq On : 27 Mar 2025 3:30 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO2022225A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 08:57:09 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

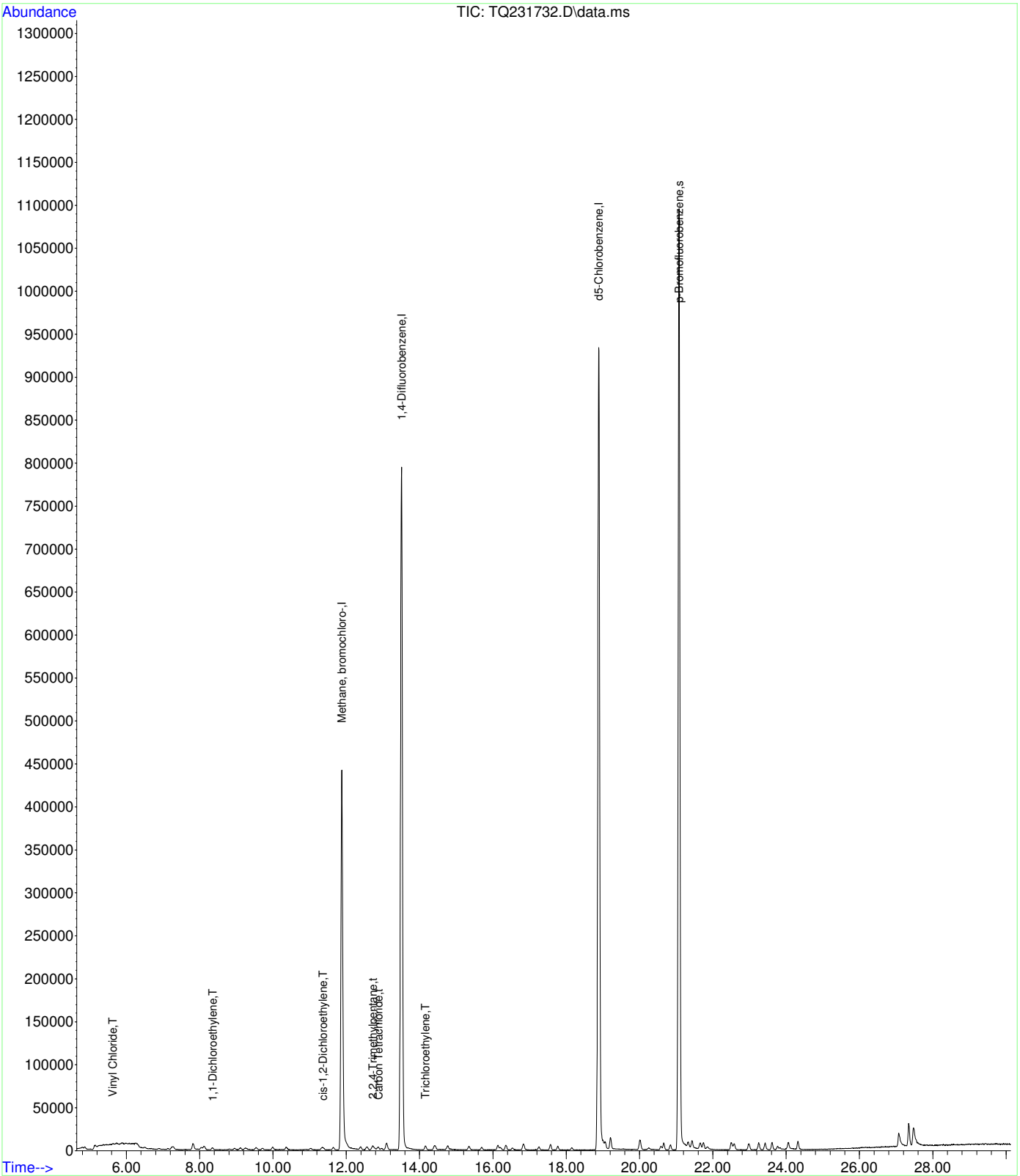
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	11.879	49	411994	10.00	ppbv	0.00
38) 1,4-Difluorobenzene	13.507	114	1231087	10.00	ppbv	0.00
54) d5-Chlorobenzene	18.884	117	1054476	10.00	ppbv	0.00
System Monitoring Compounds						
65) p-Bromofluorobenzene	21.079	95	771351	9.63	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.30%			
Target Compounds						Qvalue
6) Vinyl Chloride	5.631	62	1311	0.05	ppbv #	58
16) 1,1-Dichloroethylene	8.356	61	2999	0.06	ppbv	96
28) cis-1,2-Dichloroethylene	11.367	61	3093	0.06	ppbv	94
33) 2,2,4-Trimethylpentane	12.721	57	8758	0.06	ppbv #	77
34) Carbon Tetrachloride	12.879	117	3565	0.05	ppbv	98
39) Trichloroethylene	14.159	95	2898	0.06	ppbv	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231732.D
Acq On : 27 Mar 2025 3:30 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO2022225A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 08:57:09 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231733.D
Acq On : 27 Mar 2025 4:21 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO2022225A
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 28 08:57:12 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	403010	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1295870	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1057002	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	675937	8.42	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.20%				
Target Compounds							Qvalue
2) Propylene	4.820	42	2111	0.13	ppbv		89
3) Dichlorodifluoromethane	4.875	85	8396	0.11	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.149	85	8146	0.10	ppbv		93
5) Chloromethane	5.368	50	4231	0.18	ppbv	#	83
6) Vinyl Chloride	5.643	62	2740	0.11	ppbv		89
7) 1,3-Butadiene	5.722	54	2315	0.12	ppbv	#	58
8) Bromomethane	6.508	94	4088	0.13	ppbv		84
9) Chloroethane	6.673	64	1495	0.11	ppbv	#	49
10) Vinyl Bromide	7.130	106	2930	0.10	ppbv		99
11) Trichlorofluoromethane	7.246	101	8538	0.11	ppbv		99
12) Isopropanol	7.825	45	21026	0.32	ppbv		100
13) Acrolein	7.941	56	1405	0.11	ppbv	#	56
14) Acetone	8.039	43	9481	0.17	ppbv		88
15) Freon-113	8.124	101	7133	0.11	ppbv		98
16) 1,1-Dichloroethylene	8.350	61	5506	0.11	ppbv		96
17) 3-Chloropropene	8.971	41	4661	0.12	ppbv		87
18) Methylene Chloride	9.106	49	4046	0.11	ppbv		96
19) Acrylonitrile	9.282	53	2123	0.09	ppbv	#	90
20) Carbon disulfide	9.240	76	9673	0.10	ppbv	#	69
21) Methyl-tert-Butyl Ethe...	9.551	73	9113	0.10	ppbv	#	92
22) trans-1,2-Dichloroethy...	9.709	61	4728	0.10	ppbv		93
23) Hexane	9.989	57	4980	0.11	ppbv		94
24) Vinyl Acetate	10.367	43	8812	0.11	ppbv	#	98
25) 1,1-Dichloroethane	10.374	63	6358	0.11	ppbv		96
26) 2-Butanone	11.026	43	7610	0.12	ppbv	#	85
27) Ethyl Acetate	11.331	43	8384	0.11	ppbv		90
28) cis-1,2-Dichloroethylene	11.379	61	5408	0.11	ppbv		96
29) Chloroform	11.642	83	7397	0.10	ppbv		98
30) Tetrahydrofuran	12.014	42	4062	0.11	ppbv		91
31) 1,1,1-Trichlorethane	12.398	97	7830	0.11	ppbv		99
32) Cyclohexane	12.568	56	5773	0.11	ppbv		93
33) 2,2,4-Trimethylpentane	12.727	57	16844	0.11	ppbv	#	92
34) Carbon Tetrachloride	12.879	117	7252	0.11	ppbv		100
35) 1,2-Dichloroethane	12.971	62	4865	0.11	ppbv	#	98
36) Benzene	13.093	78	13848	0.12	ppbv		91
37) n-Heptane	13.111	43	7313	0.12	ppbv	#	75
39) Trichloroethylene	14.159	95	5295	0.10	ppbv		97
40) 1,2-Dichloropropane	14.403	63	4330	0.11	ppbv	#	96
41) Methyl Methacrylate	14.434	69	3956	0.10	ppbv	#	64
42) 1,4-Dioxane	14.751	88	2589	0.11	ppbv	#	100
43) Bromodichloromethane	14.775	83	7625	0.10	ppbv		96
44) Methyl Isobutyl Ketone	16.135	43	8747	0.10	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	6063	0.10	ppbv		95
46) Toluene	16.360	91	14783	0.11	ppbv		97
47) trans-1,3-Dichloropropene	16.531	75	4843	0.09	ppbv		95
48) 1,1,2-Trichlorethane	16.824	97	4394	0.10	ppbv		98
49) 2-Hexanone	16.848	43	8066	0.10	ppbv	#	95
50) 1,3-Dichloropropane	17.250	76	5903	0.10	ppbv		91
51) Tetrachloroethylene	17.567	166	7066	0.10	ppbv		99
52) Dibromchloromethane	17.567	129	5172	0.10	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	6446	0.09	ppbv		98
55) Chlorobenzene	18.957	112	10663	0.11	ppbv	#	86

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231733.D
Acq On : 27 Mar 2025 4:21 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO2022225A
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 28 08:57:12 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

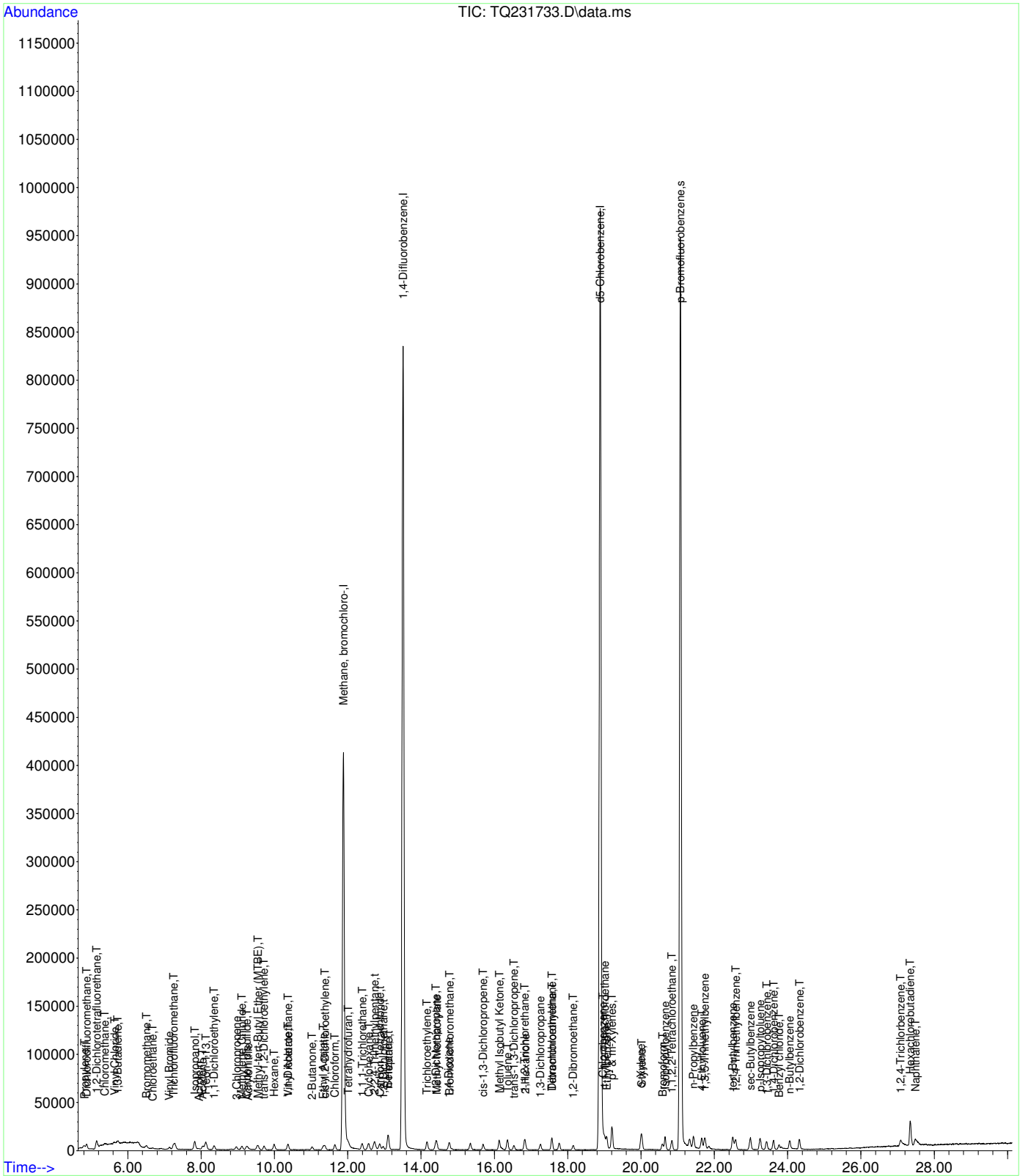
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	5484	0.10	ppbv	#	44
57) Ethylbenzene	19.067	91	16840	0.10	ppbv		96
58) p- & m-Xylenes	19.207	91	26135	0.20	ppbv		96
59) o-Xylene	20.000	91	12649	0.10	ppbv		99
60) Styrene	20.018	104	8675	0.09	ppbv	#	100
61) Bromoform	20.591	173	5600	0.08	ppbv		98
62) n-Propylbenzene	21.426	91	19638	0.09	ppbv		100
63) Isopropylbenzene	20.658	105	17023	0.09	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	10070	0.10	ppbv		99
66) 4-Ethyltoluene	21.658	105	15295	0.09	ppbv	#	97
67) 1,3,5-Trimethylbenzene	21.743	105	15464	0.11	ppbv		95
68) tert-Butylbenzene	22.499	119	15948	0.10	ppbv	#	87
69) 1,2,4-Trimethylbenzene	22.585	105	14855	0.10	ppbv	#	84
70) sec-Butylbenzene	22.987	105	21414	0.10	ppbv	#	96
71) p-Isopropyltoluene	23.255	119	16191	0.10	ppbv	#	88
72) 1,3-Dichlorobenzene	23.432	146	8296	0.09	ppbv		100
73) 1,4-Dichlorobenzene	23.621	146	9272	0.10	ppbv		97
74) Benzyl chloride	23.761	91	8453	0.08	ppbv		94
75) n-Butylbenzene	24.054	91	15265	0.10	ppbv		95
76) 1,2-Dichlorobenzene	24.322	146	9134	0.10	ppbv		98
77) 1,2,4-Trichlorbenzene	27.084	180	9436	0.14	ppbv		83
78) Hexachlorobutadiene	27.340	225	11379	0.14	ppbv		94
79) Naphthalene	27.486	128	23918	0.15	ppbv		97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231733.D
Acq On : 27 Mar 2025 4:21 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO2022225A
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 28 08:57:12 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231734.D
Acq On : 27 Mar 2025 5:12 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO2022225A
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 08:57:15 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	401148	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1205540	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1077573	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	747463	9.13	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.30%				
Target Compounds							Qvalue
2) Propylene	4.814	42	3862	0.25	ppbv		94
3) Dichlorodifluoromethane	4.881	85	16193	0.21	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.161	85	16201	0.21	ppbv		95
5) Chloromethane	5.381	50	5980	0.25	ppbv		99
6) Vinyl Chloride	5.643	62	5021	0.21	ppbv		89
7) 1,3-Butadiene	5.728	54	3873	0.21	ppbv	#	76
8) Bromomethane	6.508	94	7141	0.23	ppbv		89
9) Chloroethane	6.685	64	2820	0.21	ppbv	#	91
10) Vinyl Bromide	7.149	106	5682	0.20	ppbv		100
11) Trichlorofluoromethane	7.264	101	16531	0.21	ppbv		98
12) Isopropanol	7.825	45	26849	0.41	ppbv		100
13) Acrolein	7.935	56	2668	0.20	ppbv	#	56
14) Acetone	8.045	43	14796	0.27	ppbv		89
15) Freon-113	8.130	101	14079	0.21	ppbv		99
16) 1,1-Dichloroethylene	8.356	61	10083	0.19	ppbv		98
17) 3-Chloropropene	8.965	41	8139	0.21	ppbv		91
18) Methylene Chloride	9.112	49	7108	0.20	ppbv		95
19) Acrylonitrile	9.282	53	4753	0.20	ppbv	#	59
20) Carbon disulfide	9.246	76	18920	0.20	ppbv		91
21) Methyl-tert-Butyl Ethe...	9.544	73	17831	0.20	ppbv		95
22) trans-1,2-Dichloroethy...	9.721	61	9151	0.20	ppbv		97
23) Hexane	10.002	57	8951	0.20	ppbv		92
24) Vinyl Acetate	10.367	43	16464	0.21	ppbv	#	99
25) 1,1-Dichloroethane	10.374	63	11704	0.20	ppbv		97
26) 2-Butanone	11.032	43	14657	0.22	ppbv		91
27) Ethyl Acetate	11.331	43	17638	0.23	ppbv		89
28) cis-1,2-Dichloroethylene	11.379	61	11381	0.23	ppbv		97
29) Chloroform	11.648	83	14019	0.20	ppbv		100
30) Tetrahydrofuran	12.013	42	7448	0.20	ppbv		90
31) 1,1,1-Trichlorethane	12.391	97	14574	0.20	ppbv		98
32) Cyclohexane	12.568	56	10346	0.20	ppbv		93
33) 2,2,4-Trimethylpentane	12.727	57	30461	0.20	ppbv		96
34) Carbon Tetrachloride	12.873	117	13041	0.20	ppbv		99
35) 1,2-Dichloroethane	12.958	62	9254	0.20	ppbv	#	99
36) Benzene	13.099	78	24041	0.21	ppbv		90
37) n-Heptane	13.111	43	12576	0.20	ppbv	#	73
39) Trichloroethylene	14.159	95	9523	0.20	ppbv		94
40) 1,2-Dichloropropane	14.403	63	8209	0.22	ppbv		98
41) Methyl Methacrylate	14.428	69	7083	0.20	ppbv		72
42) 1,4-Dioxane	14.751	88	4544	0.20	ppbv	#	100
43) Bromodichloromethane	14.769	83	15049	0.21	ppbv		99
44) Methyl Isobutyl Ketone	16.135	43	15121	0.19	ppbv	#	56
45) cis-1,3-Dichloropropene	15.696	75	11208	0.20	ppbv		95
46) Toluene	16.354	91	26126	0.20	ppbv		98
47) trans-1,3-Dichloropropene	16.531	75	9929	0.20	ppbv		95
48) 1,1,2-Trichlorethane	16.817	97	9253	0.22	ppbv		98
49) 2-Hexanone	16.842	43	15816	0.22	ppbv	#	74
50) 1,3-Dichloropropane	17.250	76	11313	0.20	ppbv		94
51) Tetrachloroethylene	17.567	166	13660	0.22	ppbv		98
52) Dibromchloromethane	17.567	129	9804	0.21	ppbv	#	5
53) 1,2-Dibromoethane	18.152	107	12854	0.20	ppbv		98
55) Chlorobenzene	18.957	112	21406	0.21	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231734.D
Acq On : 27 Mar 2025 5:12 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO2022225A
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 08:57:15 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

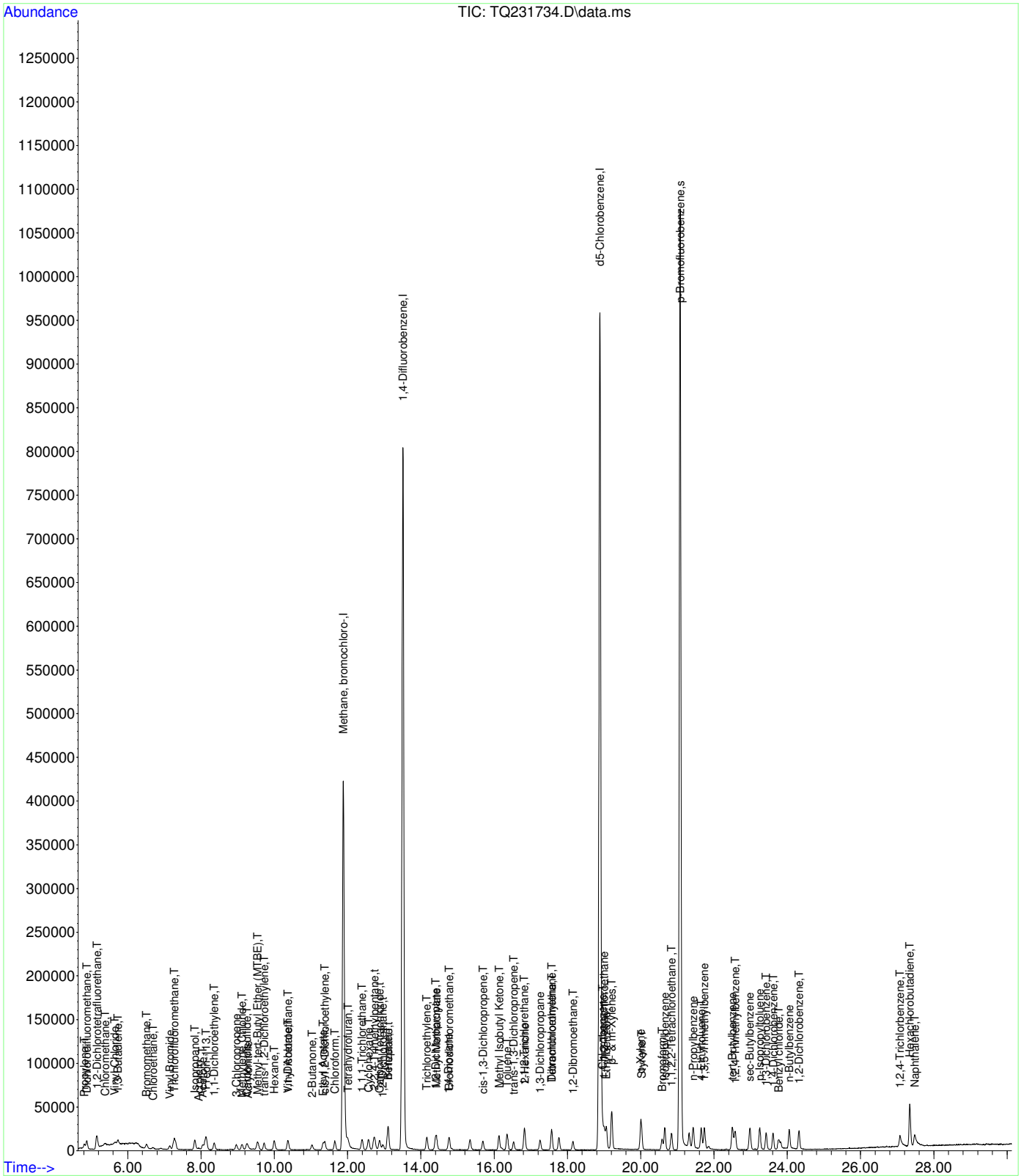
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.000	131	11230	0.20	ppbv	#	62
57) Ethylbenzene	19.061	91	33348	0.19	ppbv		98
58) p- & m-Xylenes	19.207	91	51188	0.39	ppbv		96
59) o-Xylene	20.000	91	26318	0.20	ppbv		98
60) Styrene	20.024	104	17507	0.18	ppbv	#	100
61) Bromoform	20.585	173	11648	0.17	ppbv		100
62) n-Propylbenzene	21.432	91	40118	0.19	ppbv		100
63) Isopropylbenzene	20.658	105	33437	0.18	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	19835	0.20	ppbv		98
66) 4-Ethyltoluene	21.652	105	31737	0.18	ppbv		96
67) 1,3,5-Trimethylbenzene	21.737	105	29024	0.20	ppbv		98
68) tert-Butylbenzene	22.499	119	31092	0.20	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	29251	0.20	ppbv	#	92
70) sec-Butylbenzene	22.975	105	41912	0.20	ppbv		99
71) p-Isopropyltoluene	23.249	119	32369	0.19	ppbv	#	87
72) 1,3-Dichlorobenzene	23.420	146	16893	0.18	ppbv		98
73) 1,4-Dichlorobenzene	23.621	146	17348	0.18	ppbv		96
74) Benzyl chloride	23.761	91	19394	0.17	ppbv		95
75) n-Butylbenzene	24.054	91	29636	0.19	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	18287	0.19	ppbv		99
77) 1,2,4-Trichlorbenzene	27.078	180	14457	0.22	ppbv		87
78) Hexachlorobutadiene	27.340	225	19725	0.24	ppbv		96
79) Naphthalene	27.480	128	38076	0.23	ppbv		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231734.D
Acq On : 27 Mar 2025 5:12 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO2022225A
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 08:57:15 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231735.D
Acq On : 27 Mar 2025 6:04 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO2022225A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 08:57:18 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	398865	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1214296	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1092346	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	773861	9.32	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.20%				
Target Compounds							Qvalue
2) Propylene	4.807	42	8320	0.54	ppbv		97
3) Dichlorodifluoromethane	4.875	85	40263	0.53	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.149	85	40290	0.51	ppbv		94
5) Chloromethane	5.362	50	12744	0.54	ppbv		96
6) Vinyl Chloride	5.630	62	12149	0.50	ppbv		98
7) 1,3-Butadiene	5.710	54	10113	0.55	ppbv		89
8) Bromomethane	6.508	94	15986	0.52	ppbv		94
9) Chloroethane	6.673	64	6182	0.47	ppbv	#	94
10) Vinyl Bromide	7.142	106	13283	0.48	ppbv		98
11) Trichlorofluoromethane	7.252	101	38605	0.49	ppbv		99
12) Isopropanol	7.813	45	44574	0.68	ppbv		100
13) Acrolein	7.923	56	6405	0.49	ppbv	#	56
14) Acetone	8.039	43	31385	0.57	ppbv		91
15) Freon-113	8.130	101	31689	0.49	ppbv		99
16) 1,1-Dichloroethylene	8.349	61	24616	0.48	ppbv		98
17) 3-Chloropropene	8.959	41	19069	0.50	ppbv		92
18) Methylene Chloride	9.111	49	17796	0.50	ppbv		95
19) Acrylonitrile	9.264	53	11152	0.48	ppbv	#	93
20) Carbon disulfide	9.240	76	46252	0.50	ppbv		95
21) Methyl-tert-Butyl Ethe...	9.532	73	43482	0.50	ppbv		96
22) trans-1,2-Dichloroethy...	9.709	61	22960	0.49	ppbv		96
23) Hexane	9.995	57	22358	0.50	ppbv		96
24) Vinyl Acetate	10.349	43	39641	0.52	ppbv	#	99
25) 1,1-Dichloroethane	10.373	63	27506	0.48	ppbv		99
26) 2-Butanone	11.020	43	29662	0.46	ppbv		94
27) Ethyl Acetate	11.318	43	37300	0.48	ppbv		95
28) cis-1,2-Dichloroethylene	11.373	61	25561	0.52	ppbv		99
29) Chloroform	11.648	83	34645	0.50	ppbv		99
30) Tetrahydrofuran	12.007	42	17739	0.48	ppbv		96
31) 1,1,1-Trichlorethane	12.397	97	34315	0.48	ppbv		98
32) Cyclohexane	12.568	56	24749	0.49	ppbv		94
33) 2,2,4-Trimethylpentane	12.727	57	70232	0.46	ppbv		99
34) Carbon Tetrachloride	12.879	117	29457	0.45	ppbv		100
35) 1,2-Dichloroethane	12.958	62	22123	0.48	ppbv	#	85
36) Benzene	13.092	78	55449	0.50	ppbv		93
37) n-Heptane	13.111	43	29848	0.49	ppbv	#	75
39) Trichloroethylene	14.159	95	22332	0.46	ppbv		96
40) 1,2-Dichloropropane	14.403	63	18211	0.48	ppbv		97
41) Methyl Methacrylate	14.434	69	16461	0.46	ppbv		75
42) 1,4-Dioxane	14.745	88	11515	0.51	ppbv	#	100
43) Bromodichloromethane	14.769	83	36723	0.50	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	37996	0.47	ppbv	#	57
45) cis-1,3-Dichloropropene	15.689	75	27616	0.48	ppbv		97
46) Toluene	16.354	91	65142	0.50	ppbv		98
47) trans-1,3-Dichloropropene	16.531	75	23870	0.47	ppbv		98
48) 1,1,2-Trichlorethane	16.817	97	20953	0.49	ppbv		99
49) 2-Hexanone	16.842	43	35605	0.48	ppbv	#	97
50) 1,3-Dichloropropane	17.256	76	28169	0.50	ppbv	#	72
51) Tetrachloroethylene	17.567	166	31800	0.50	ppbv		99
52) Dibromchloromethane	17.561	129	23472	0.51	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	32333	0.49	ppbv		98
55) Chlorobenzene	18.957	112	50972	0.49	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231735.D
Acq On : 27 Mar 2025 6:04 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO2022225A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 08:57:18 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

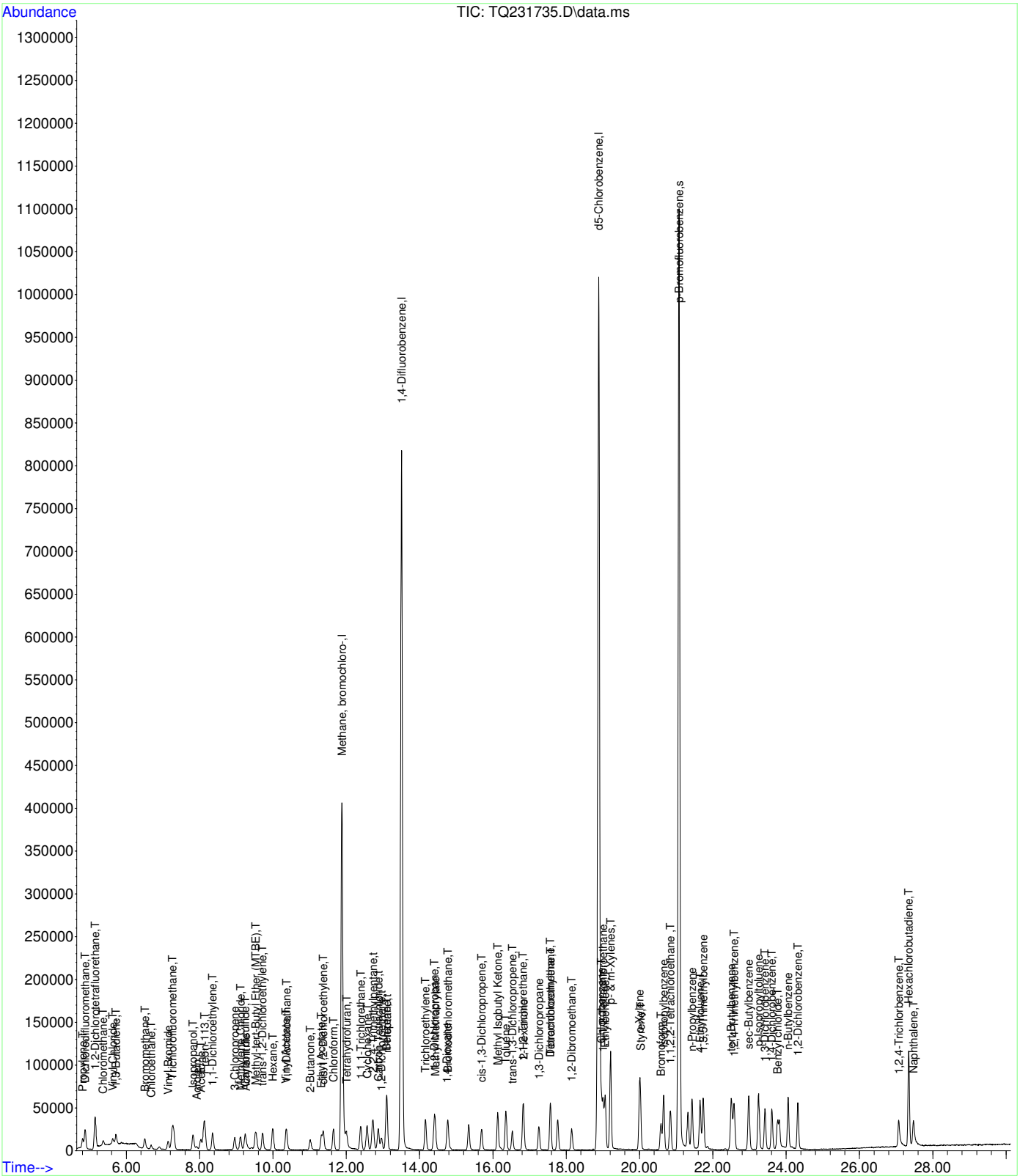
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.006	131	27794	0.49	ppbv	#	88
57) Ethylbenzene	19.061	91	83959	0.48	ppbv		97
58) p- & m-Xylenes	19.213	91	124761	0.94	ppbv		98
59) o-Xylene	20.000	91	66132	0.49	ppbv		99
60) Styrene	20.030	104	43626	0.44	ppbv	#	100
61) Bromoform	20.585	173	29427	0.42	ppbv		100
62) n-Propylbenzene	21.432	91	95505	0.44	ppbv		99
63) Isopropylbenzene	20.658	105	84728	0.45	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	49067	0.49	ppbv		99
66) 4-Ethyltoluene	21.652	105	77836	0.43	ppbv		96
67) 1,3,5-Trimethylbenzene	21.743	105	71826	0.48	ppbv		99
68) tert-Butylbenzene	22.499	119	75046	0.47	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	71982	0.48	ppbv	#	94
70) sec-Butylbenzene	22.981	105	101027	0.47	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	84011	0.49	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	41647	0.43	ppbv		99
73) 1,4-Dichlorobenzene	23.609	146	43207	0.43	ppbv		99
74) Benzyl chloride	23.761	91	50846	0.44	ppbv		98
75) n-Butylbenzene	24.054	91	72583	0.47	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	44293	0.46	ppbv		99
77) 1,2,4-Trichlorbenzene	27.078	180	25346	0.37	ppbv		96
78) Hexachlorobutadiene	27.340	225	44588	0.54	ppbv		96
79) Naphthalene	27.474	128	69362	0.41	ppbv		100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231735.D
Acq On : 27 Mar 2025 6:04 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO2022225A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 08:57:18 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231736.D
Acq On : 27 Mar 2025 6:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO2022225A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 28 08:57:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.873	49	410310	10.00	ppbv		-0.01
38) 1,4-Difluorobenzene	13.507	114	1290724	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1056942	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	824388	10.26	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.60%				
Target Compounds							Qvalue
2) Propylene	4.801	42	14763	0.92	ppbv		97
3) Dichlorodifluoromethane	4.869	85	74463	0.95	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.137	85	72954	0.91	ppbv		95
5) Chloromethane	5.356	50	21121	0.87	ppbv		98
6) Vinyl Chloride	5.618	62	22057	0.89	ppbv		95
7) 1,3-Butadiene	5.710	54	17861	0.95	ppbv		93
8) Bromomethane	6.496	94	28331	0.90	ppbv		100
9) Chloroethane	6.673	64	12597	0.92	ppbv	#	93
10) Vinyl Bromide	7.136	106	27758	0.97	ppbv		100
11) Trichlorofluoromethane	7.246	101	78332	0.96	ppbv		100
12) Isopropanol	7.807	45	72216	1.07	ppbv		100
13) Acrolein	7.898	56	11993	0.90	ppbv	#	56
14) Acetone	8.008	43	55420	0.97	ppbv		93
15) Freon-113	8.118	101	62467	0.93	ppbv		100
16) 1,1-Dichloroethylene	8.350	61	49141	0.92	ppbv		98
17) 3-Chloropropene	8.953	41	37794	0.96	ppbv		86
18) Methylene Chloride	9.112	49	35296	0.96	ppbv		95
19) Acrylonitrile	9.233	53	23752	1.00	ppbv	#	96
20) Carbon disulfide	9.233	76	90645	0.95	ppbv		97
21) Methyl-tert-Butyl Ethe...	9.526	73	83691	0.93	ppbv		97
22) trans-1,2-Dichloroethy...	9.703	61	44260	0.92	ppbv		96
23) Hexane	9.996	57	45641	0.98	ppbv		96
24) Vinyl Acetate	10.343	43	81655	1.03	ppbv	#	98
25) 1,1-Dichloroethane	10.367	63	56319	0.96	ppbv		99
26) 2-Butanone	11.008	43	60274	0.90	ppbv		95
27) Ethyl Acetate	11.306	43	77221	0.97	ppbv		92
28) cis-1,2-Dichloroethylene	11.367	61	47964	0.94	ppbv		97
29) Chloroform	11.648	83	69427	0.96	ppbv		99
30) Tetrahydrofuran	11.989	42	37628	0.99	ppbv		95
31) 1,1,1-Trichlorethane	12.391	97	70081	0.96	ppbv		100
32) Cyclohexane	12.562	56	50148	0.96	ppbv		94
33) 2,2,4-Trimethylpentane	12.721	57	152527	0.96	ppbv		99
34) Carbon Tetrachloride	12.873	117	63121	0.93	ppbv	#	92
35) 1,2-Dichloroethane	12.958	62	45826	0.97	ppbv		99
36) Benzene	13.086	78	112535	0.98	ppbv		95
37) n-Heptane	13.099	43	61742	0.98	ppbv	#	97
39) Trichloroethylene	14.159	95	49071	0.94	ppbv		95
40) 1,2-Dichloropropane	14.397	63	40256	1.00	ppbv		97
41) Methyl Methacrylate	14.428	69	37083	0.98	ppbv		76
42) 1,4-Dioxane	14.745	88	23286	0.96	ppbv	#	100
43) Bromodichloromethane	14.769	83	76293	0.98	ppbv		100
44) Methyl Isobutyl Ketone	16.128	43	86844	1.00	ppbv	#	54
45) cis-1,3-Dichloropropene	15.690	75	60615	0.99	ppbv		98
46) Toluene	16.348	91	142102	1.03	ppbv		98
47) trans-1,3-Dichloropropene	16.525	75	53088	0.99	ppbv		98
48) 1,1,2-Trichlorethane	16.823	97	46029	1.02	ppbv		100
49) 2-Hexanone	16.836	43	75780	0.96	ppbv		100
50) 1,3-Dichloropropane	17.250	76	58776	0.99	ppbv	#	72
51) Tetrachloroethylene	17.567	166	67050	1.00	ppbv		100
52) Dibromchloromethane	17.567	129	49800	1.01	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	65741	0.94	ppbv		99
55) Chlorobenzene	18.957	112	100297	0.99	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231736.D
Acq On : 27 Mar 2025 6:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO2022225A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 28 08:57:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

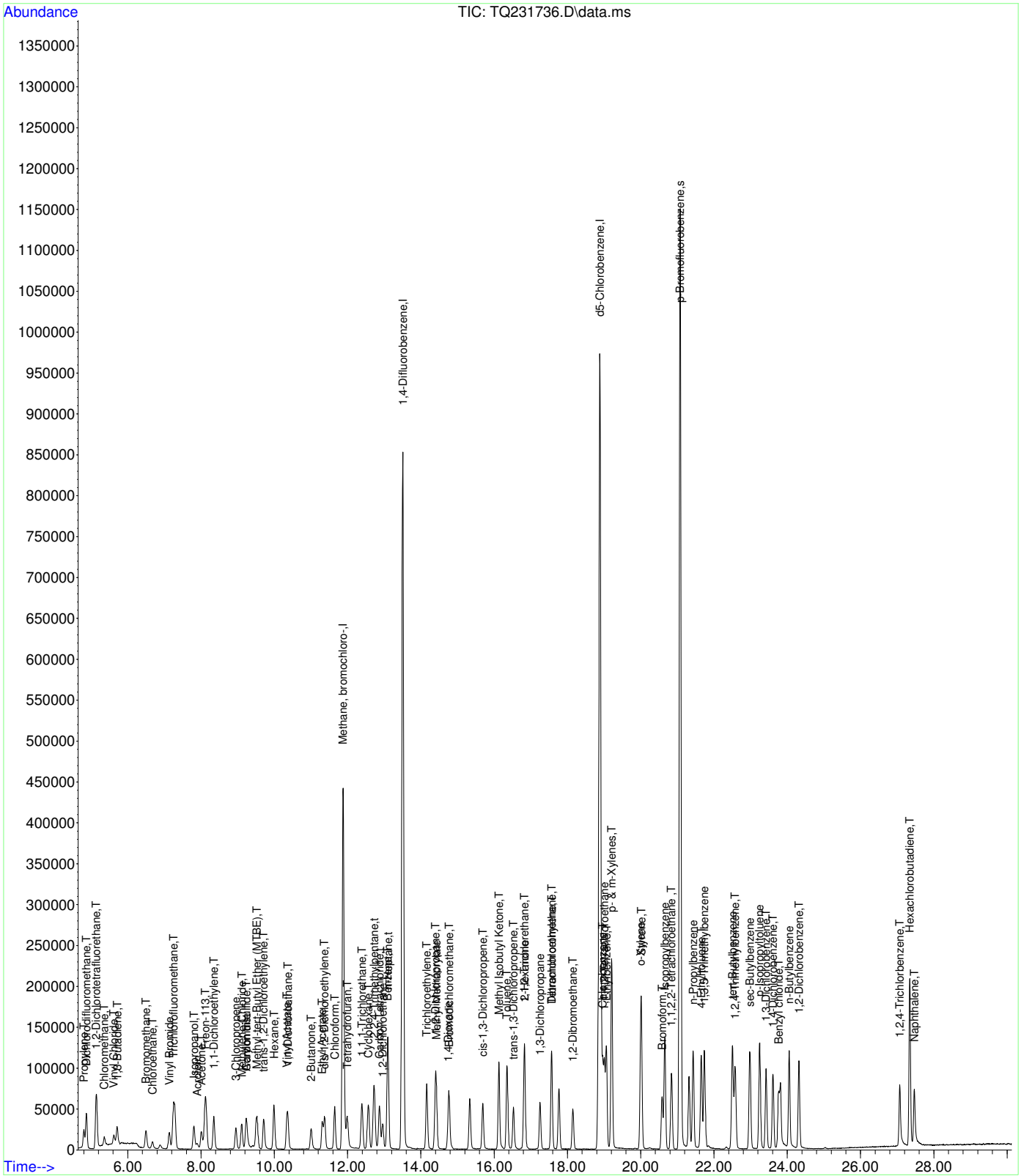
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.006	131	55360	1.02	ppbv		98
57) Ethylbenzene	19.067	91	172119	1.02	ppbv		98
58) p- & m-Xylenes	19.207	91	264675	2.06	ppbv		98
59) o-Xylene	20.000	91	137396	1.05	ppbv		99
60) Styrene	20.018	104	95841	1.00	ppbv	#	100
61) Bromoform	20.585	173	62490	0.91	ppbv		100
62) n-Propylbenzene	21.432	91	195762	0.93	ppbv		99
63) Isopropylbenzene	20.658	105	182231	1.00	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.835	83	97119	1.00	ppbv		100
66) 4-Ethyltoluene	21.652	105	161734	0.93	ppbv		99
67) 1,3,5-Trimethylbenzene	21.737	105	138654	0.95	ppbv		98
68) tert-Butylbenzene	22.505	119	152427	0.99	ppbv	#	78
69) 1,2,4-Trimethylbenzene	22.572	105	134962	0.92	ppbv	#	94
70) sec-Butylbenzene	22.981	105	192572	0.92	ppbv		99
71) p-Isopropyltoluene	23.243	119	163109	0.98	ppbv		96
72) 1,3-Dichlorobenzene	23.420	146	83603	0.89	ppbv		100
73) 1,4-Dichlorobenzene	23.609	146	85718	0.89	ppbv		99
74) Benzyl chloride	23.761	91	102738	0.91	ppbv		99
75) n-Butylbenzene	24.054	91	137790	0.92	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	88618	0.95	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	53768	0.82	ppbv		98
78) Hexachlorobutadiene	27.340	225	81668	1.03	ppbv		96
79) Naphthalene	27.468	128	129525	0.79	ppbv		100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231736.D
Acq On : 27 Mar 2025 6:58 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO2022225A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 28 08:57:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231737.D
Acq On : 27 Mar 2025 7:54 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO2022225A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 08:57:24 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.879	49	417169	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1279753	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1064547	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	834431	10.31	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.10%				
Target Compounds							Qvalue
2) Propylene	4.801	42	24005	1.48	ppbv		97
3) Dichlorodifluoromethane	4.875	85	117400	1.47	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.143	85	122255	1.49	ppbv		95
5) Chloromethane	5.368	50	33290	1.35	ppbv		99
6) Vinyl Chloride	5.631	62	35498	1.41	ppbv		99
7) 1,3-Butadiene	5.704	54	28324	1.48	ppbv		93
8) Bromomethane	6.502	94	45103	1.41	ppbv		98
9) Chloroethane	6.673	64	20598	1.49	ppbv		94
10) Vinyl Bromide	7.130	106	41666	1.43	ppbv		100
11) Trichlorofluoromethane	7.246	101	120574	1.46	ppbv		100
12) Isopropanol	7.807	45	108506	1.58	ppbv		100
13) Acrolein	7.892	56	19547	1.44	ppbv	#	56
14) Acetone	8.014	43	84969	1.47	ppbv		95
15) Freon-113	8.130	101	98152	1.44	ppbv		99
16) 1,1-Dichloroethylene	8.350	61	76622	1.42	ppbv		99
17) 3-Chloropropene	8.959	41	55039	1.38	ppbv		92
18) Methylene Chloride	9.112	49	53431	1.43	ppbv		97
19) Acrylonitrile	9.233	53	34144	1.41	ppbv	#	59
20) Carbon disulfide	9.233	76	140731	1.45	ppbv		98
21) Methyl-tert-Butyl Ethe...	9.514	73	135156	1.47	ppbv		97
22) trans-1,2-Dichloroethy...	9.709	61	71215	1.46	ppbv		97
23) Hexane	9.996	57	70096	1.49	ppbv		96
24) Vinyl Acetate	10.343	43	122749	1.53	ppbv	#	98
25) 1,1-Dichloroethane	10.367	63	88375	1.48	ppbv		97
26) 2-Butanone	11.001	43	96830	1.43	ppbv		96
27) Ethyl Acetate	11.306	43	115617	1.43	ppbv		96
28) cis-1,2-Dichloroethylene	11.373	61	76862	1.48	ppbv		96
29) Chloroform	11.648	83	109427	1.49	ppbv		100
30) Tetrahydrofuran	11.989	42	55986	1.45	ppbv		96
31) 1,1,1-Trichlorethane	12.391	97	109824	1.47	ppbv		100
32) Cyclohexane	12.562	56	78501	1.47	ppbv		96
33) 2,2,4-Trimethylpentane	12.721	57	239443	1.49	ppbv		99
34) Carbon Tetrachloride	12.879	117	97987	1.43	ppbv		100
35) 1,2-Dichloroethane	12.952	62	71931	1.50	ppbv		100
36) Benzene	13.092	78	168641	1.45	ppbv		94
37) n-Heptane	13.105	43	93319	1.45	ppbv	#	97
39) Trichloroethylene	14.159	95	72839	1.41	ppbv		95
40) 1,2-Dichloropropane	14.397	63	59451	1.49	ppbv		97
41) Methyl Methacrylate	14.428	69	54638	1.46	ppbv	#	70
42) 1,4-Dioxane	14.745	88	35685	1.49	ppbv	#	100
43) Bromodichloromethane	14.769	83	116004	1.50	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	127636	1.49	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	90204	1.49	ppbv		98
46) Toluene	16.354	91	214039	1.56	ppbv		98
47) trans-1,3-Dichloropropene	16.525	75	80287	1.50	ppbv		99
48) 1,1,2-Trichlorethane	16.823	97	67720	1.51	ppbv		99
49) 2-Hexanone	16.842	43	111237	1.43	ppbv		100
50) 1,3-Dichloropropane	17.256	76	83682	1.42	ppbv	#	72
51) Tetrachloroethylene	17.567	166	93601	1.40	ppbv		99
52) Dibromchloromethane	17.567	129	68369	1.40	ppbv	#	5
53) 1,2-Dibromoethane	18.152	107	99288	1.44	ppbv		99
55) Chlorobenzene	18.957	112	150951	1.48	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231737.D
Acq On : 27 Mar 2025 7:54 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO2022225A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 08:57:24 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

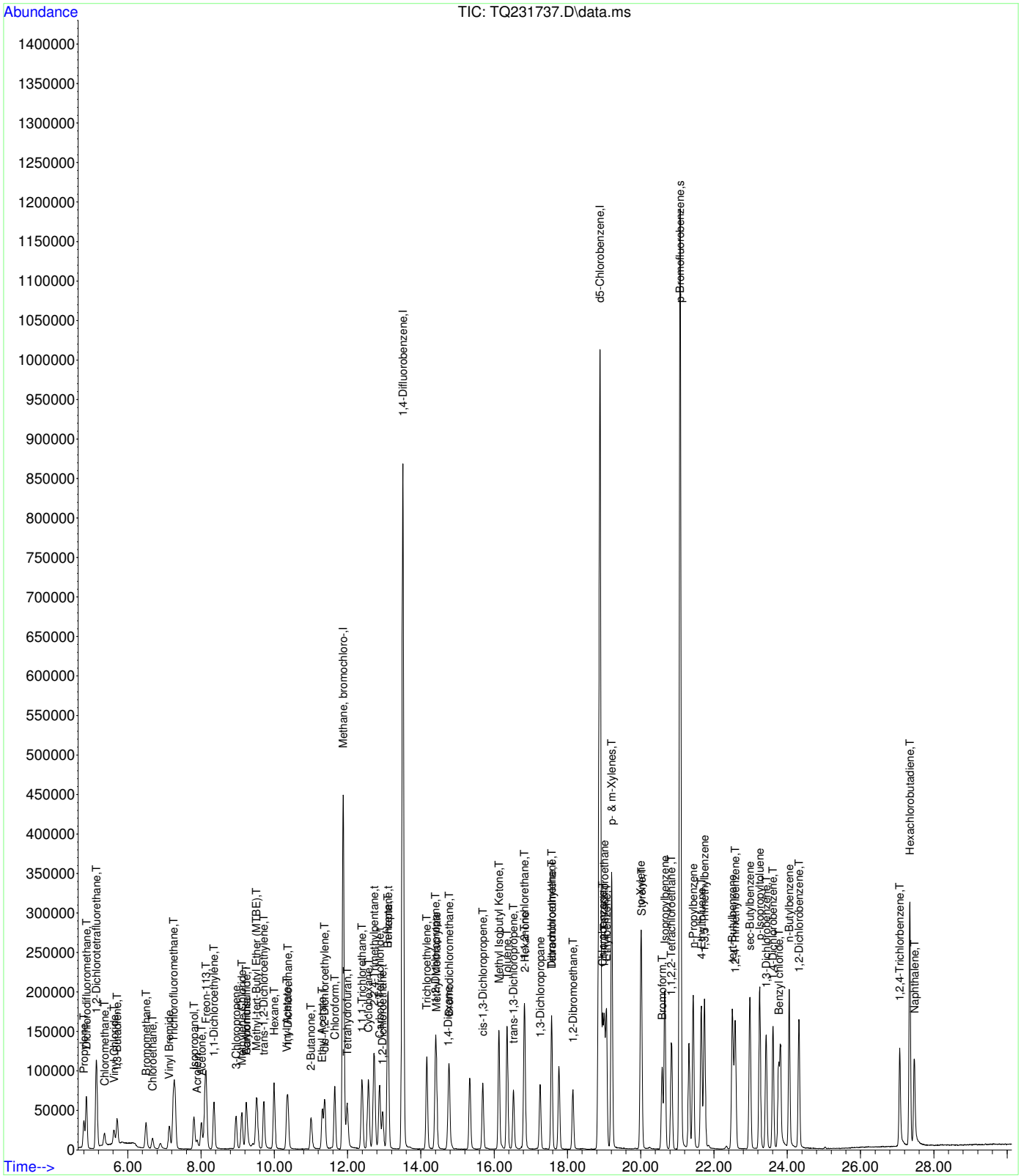
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.006	131	84540	1.54	ppbv		97
57) Ethylbenzene	19.067	91	247580	1.45	ppbv		98
58) p- & m-Xylenes	19.207	91	394618	3.04	ppbv		98
59) o-Xylene	20.000	91	198983	1.50	ppbv		99
60) Styrene	20.024	104	142999	1.48	ppbv	#	100
61) Bromoform	20.585	173	95904	1.39	ppbv		99
62) n-Propylbenzene	21.432	91	320676	1.51	ppbv		99
63) Isopropylbenzene	20.658	105	275201	1.51	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.835	83	143405	1.47	ppbv		100
66) 4-Ethyltoluene	21.658	105	257939	1.48	ppbv		100
67) 1,3,5-Trimethylbenzene	21.743	105	221921	1.52	ppbv		98
68) tert-Butylbenzene	22.499	119	221539	1.43	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	213983	1.45	ppbv	#	94
70) sec-Butylbenzene	22.981	105	301244	1.44	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	247438	1.48	ppbv	#	88
72) 1,3-Dichlorobenzene	23.426	146	130654	1.38	ppbv		100
73) 1,4-Dichlorobenzene	23.609	146	137123	1.42	ppbv		99
74) Benzyl chloride	23.767	91	160664	1.42	ppbv		99
75) n-Butylbenzene	24.054	91	221021	1.47	ppbv		100
76) 1,2-Dichlorobenzene	24.316	146	137173	1.46	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	83978	1.27	ppbv		97
78) Hexachlorobutadiene	27.346	225	119589	1.49	ppbv		96
79) Naphthalene	27.474	128	205484	1.25	ppbv		100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231737.D
Acq On : 27 Mar 2025 7:54 pm
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO2022225A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 08:57:24 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231738.D
Acq On : 27 Mar 2025 8:52 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO2022225A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 28 08:57:27 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.879	49	409006	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1264786	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1086656	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	854402	10.35	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.50%				
Target Compounds							Qvalue
2) Propylene	4.801	42	28799	1.81	ppbv		97
3) Dichlorodifluoromethane	4.881	85	150679	1.92	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.149	85	157055	1.96	ppbv		95
5) Chloromethane	5.362	50	41777	1.73	ppbv		97
6) Vinyl Chloride	5.624	62	45571	1.84	ppbv		98
7) 1,3-Butadiene	5.716	54	34035	1.81	ppbv		96
8) Bromomethane	6.502	94	59281	1.88	ppbv		98
9) Chloroethane	6.685	64	24534	1.81	ppbv		93
10) Vinyl Bromide	7.136	106	56954	1.99	ppbv		99
11) Trichlorofluoromethane	7.252	101	158491	1.96	ppbv		100
12) Isopropanol	7.801	45	137270	2.03	ppbv		100
13) Acrolein	7.892	56	26069	1.96	ppbv	#	89
14) Acetone	8.008	43	113404	2.00	ppbv		96
15) Freon-113	8.136	101	131830	1.97	ppbv		99
16) 1,1-Dichloroethylene	8.356	61	102292	1.93	ppbv		98
17) 3-Chloropropene	8.959	41	76547	1.95	ppbv		91
18) Methylene Chloride	9.112	49	75900	2.07	ppbv		97
19) Acrylonitrile	9.227	53	50756	2.13	ppbv	#	96
20) Carbon disulfide	9.240	76	192656	2.03	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.526	73	186481	2.07	ppbv		97
22) trans-1,2-Dichloroethy...	9.709	61	95153	1.99	ppbv		97
23) Hexane	10.002	57	92904	2.01	ppbv		96
24) Vinyl Acetate	10.337	43	168337	2.14	ppbv	#	99
25) 1,1-Dichloroethane	10.374	63	118809	2.03	ppbv		98
26) 2-Butanone	11.001	43	132290	1.99	ppbv		97
27) Ethyl Acetate	11.312	43	155286	1.96	ppbv		95
28) cis-1,2-Dichloroethylene	11.373	61	95056	1.87	ppbv		93
29) Chloroform	11.654	83	140475	1.96	ppbv		99
30) Tetrahydrofuran	11.989	42	74773	1.98	ppbv		96
31) 1,1,1-Trichlorethane	12.391	97	147098	2.01	ppbv		100
32) Cyclohexane	12.574	56	106144	2.03	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	321416	2.03	ppbv		98
34) Carbon Tetrachloride	12.873	117	129657	1.92	ppbv		100
35) 1,2-Dichloroethane	12.958	62	93214	1.98	ppbv		99
36) Benzene	13.093	78	222236	1.95	ppbv		95
37) n-Heptane	13.111	43	122795	1.95	ppbv	#	95
39) Trichloroethylene	14.159	95	97945	1.92	ppbv		96
40) 1,2-Dichloropropane	14.397	63	77873	1.97	ppbv		96
41) Methyl Methacrylate	14.422	69	72691	1.96	ppbv	#	70
42) 1,4-Dioxane	14.739	88	47977	2.02	ppbv	#	100
43) Bromodichloromethane	14.775	83	152797	1.99	ppbv		99
44) Methyl Isobutyl Ketone	16.135	43	174644	2.06	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	118477	1.98	ppbv		98
46) Toluene	16.354	91	282814	2.08	ppbv		98
47) trans-1,3-Dichloropropene	16.525	75	108609	2.06	ppbv		99
48) 1,1,2-Trichlorethane	16.824	97	93440	2.10	ppbv		99
49) 2-Hexanone	16.836	43	155346	2.02	ppbv		100
50) 1,3-Dichloropropane	17.256	76	118053	2.03	ppbv	#	72
51) Tetrachloroethylene	17.567	166	137722	2.09	ppbv		99
52) Dibromchloromethane	17.567	129	100210	2.08	ppbv	#	6
53) 1,2-Dibromoethane	18.153	107	138778	2.03	ppbv		99
55) Chlorobenzene	18.951	112	212191	2.04	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231738.D
Acq On : 27 Mar 2025 8:52 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO2022225A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 28 08:57:27 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

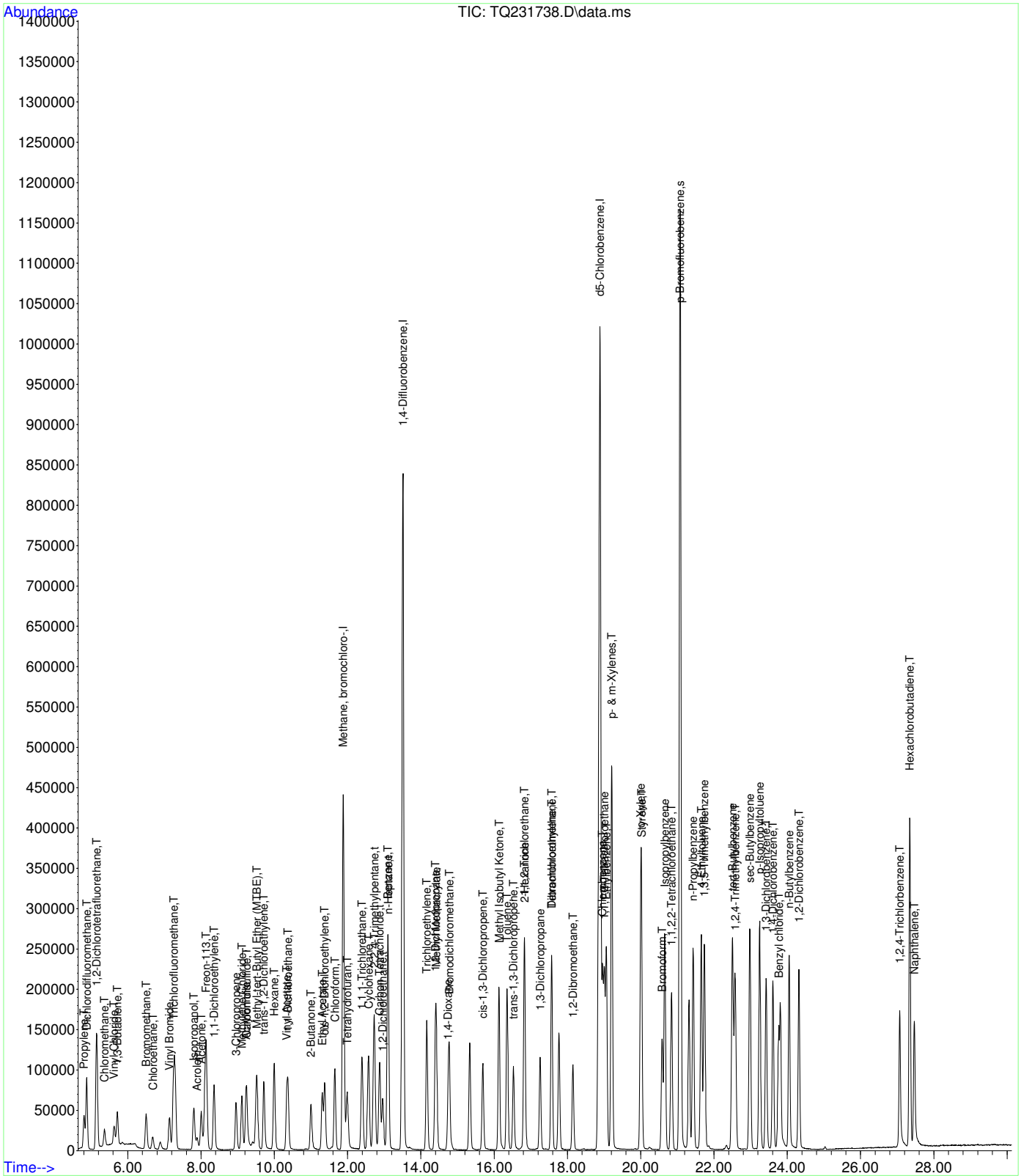
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.006	131	114611	2.05	ppbv		96
57) Ethylbenzene	19.061	91	344814	1.98	ppbv		98
58) p- & m-Xylenes	19.207	91	550236	4.16	ppbv		98
59) o-Xylene	20.000	91	269941	2.00	ppbv		99
60) Styrene	20.024	104	200510	2.04	ppbv	#	100
61) Bromoform	20.585	173	132854	1.89	ppbv		99
62) n-Propylbenzene	21.426	91	425077	1.96	ppbv		99
63) Isopropylbenzene	20.658	105	366362	1.96	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	199530	2.00	ppbv		100
66) 4-Ethyltoluene	21.658	105	368878	2.07	ppbv		99
67) 1,3,5-Trimethylbenzene	21.737	105	300397	2.01	ppbv		99
68) tert-Butylbenzene	22.505	119	319144	2.02	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	290378	1.93	ppbv	#	94
70) sec-Butylbenzene	22.981	105	426509	1.99	ppbv		99
71) p-Isopropyltoluene	23.249	119	341689	2.00	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	188816	1.95	ppbv		100
73) 1,4-Dichlorobenzene	23.609	146	183382	1.85	ppbv		99
74) Benzyl chloride	23.767	91	208213	1.80	ppbv		98
75) n-Butylbenzene	24.054	91	275023	1.79	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	181834	1.89	ppbv		99
77) 1,2,4-Trichlorbenzene	27.072	180	108146	1.60	ppbv		98
78) Hexachlorobutadiene	27.340	225	157937	1.93	ppbv		96
79) Naphthalene	27.468	128	273694	1.63	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231738.D
Acq On : 27 Mar 2025 8:52 pm
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO2022225A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 28 08:57:27 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231739.D
Acq On : 27 Mar 2025 9:52 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO2022225A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 08:57:30 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.873	49	409933	10.00	ppbv		-0.01
38) 1,4-Difluorobenzene	13.507	114	1264378	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1139984	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	843794	9.74	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.40%				
Target Compounds							Qvalue
2) Propylene	4.795	42	39123	2.45	ppbv		97
3) Dichlorodifluoromethane	4.869	85	196609	2.50	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.137	85	195482	2.43	ppbv		95
5) Chloromethane	5.350	50	54795	2.27	ppbv		99
6) Vinyl Chloride	5.618	62	59209	2.39	ppbv		100
7) 1,3-Butadiene	5.704	54	46987	2.49	ppbv		98
8) Bromomethane	6.496	94	76827	2.44	ppbv		98
9) Chloroethane	6.667	64	33213	2.44	ppbv		95
10) Vinyl Bromide	7.130	106	71595	2.50	ppbv		99
11) Trichlorofluoromethane	7.246	101	203552	2.51	ppbv		100
12) Isopropanol	7.789	45	170027	2.51	ppbv		100
13) Acrolein	7.886	56	32465	2.43	ppbv	#	56
14) Acetone	8.002	43	144647	2.54	ppbv		96
15) Freon-113	8.124	101	168908	2.52	ppbv		99
16) 1,1-Dichloroethylene	8.350	61	132621	2.49	ppbv		99
17) 3-Chloropropene	8.947	41	93284	2.37	ppbv		90
18) Methylene Chloride	9.106	49	87249	2.38	ppbv		97
19) Acrylonitrile	9.221	53	59237	2.49	ppbv	#	59
20) Carbon disulfide	9.227	76	238671	2.51	ppbv		100
21) Methyl-tert-Butyl Ethe...	9.514	73	220927	2.45	ppbv		98
22) trans-1,2-Dichloroethy...	9.709	61	121273	2.53	ppbv		96
23) Hexane	9.996	57	115302	2.49	ppbv		97
24) Vinyl Acetate	10.331	43	198323	2.51	ppbv	#	99
25) 1,1-Dichloroethane	10.367	63	148980	2.54	ppbv		93
26) 2-Butanone	11.001	43	165861	2.49	ppbv		97
27) Ethyl Acetate	11.300	43	195713	2.46	ppbv	#	42
28) cis-1,2-Dichloroethylene	11.373	61	118329	2.32	ppbv		90
29) Chloroform	11.648	83	179381	2.49	ppbv		99
30) Tetrahydrofuran	11.989	42	93349	2.46	ppbv		96
31) 1,1,1-Trichlorethane	12.398	97	181865	2.48	ppbv		100
32) Cyclohexane	12.562	56	128659	2.46	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	392291	2.48	ppbv		98
34) Carbon Tetrachloride	12.873	117	165738	2.45	ppbv		100
35) 1,2-Dichloroethane	12.958	62	114606	2.43	ppbv		100
36) Benzene	13.086	78	284041	2.49	ppbv		94
37) n-Heptane	13.105	43	155805	2.47	ppbv	#	98
39) Trichloroethylene	14.159	95	125395	2.46	ppbv		95
40) 1,2-Dichloropropane	14.397	63	100553	2.55	ppbv		95
41) Methyl Methacrylate	14.422	69	96644	2.61	ppbv		79
42) 1,4-Dioxane	14.732	88	60510	2.55	ppbv	#	100
43) Bromodichloromethane	14.769	83	192368	2.51	ppbv		99
44) Methyl Isobutyl Ketone	16.129	43	217952	2.57	ppbv	#	55
45) cis-1,3-Dichloropropene	15.684	75	151583	2.53	ppbv		98
46) Toluene	16.354	91	349216	2.57	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	135981	2.58	ppbv		99
48) 1,1,2-Trichlorethane	16.824	97	112936	2.54	ppbv		99
49) 2-Hexanone	16.830	43	189714	2.47	ppbv		99
50) 1,3-Dichloropropane	17.256	76	146512	2.52	ppbv		97
51) Tetrachloroethylene	17.567	166	163918	2.48	ppbv		99
52) Dibromchloromethane	17.567	129	119402	2.48	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	172451	2.53	ppbv		99
55) Chlorobenzene	18.951	112	262618	2.41	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231739.D
Acq On : 27 Mar 2025 9:52 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO2022225A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 08:57:30 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

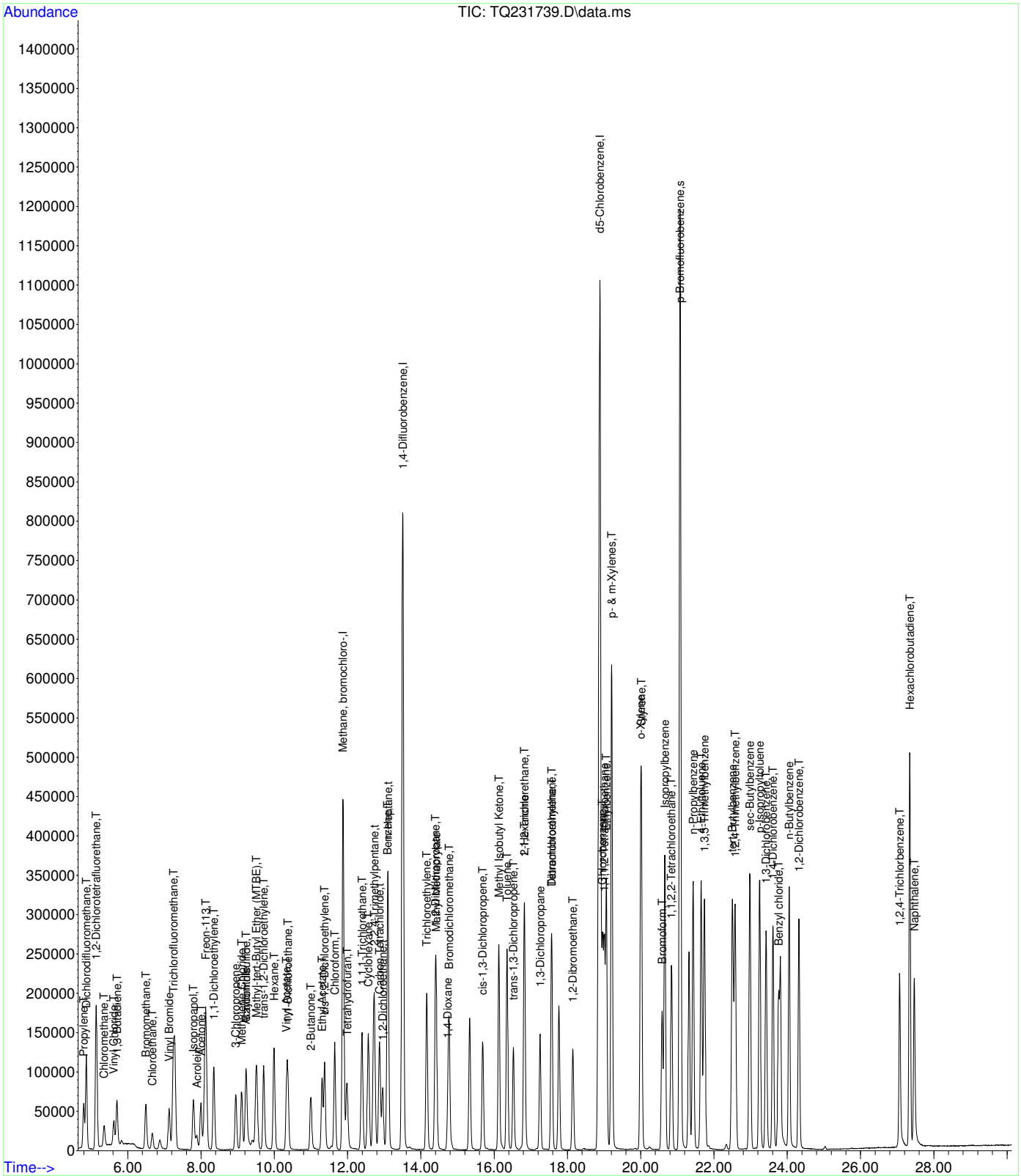
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.006	131	140060	2.39	ppbv		95
57) Ethylbenzene	19.061	91	445638	2.44	ppbv		98
58) p- & m-Xylenes	19.207	91	698853	5.04	ppbv		98
59) o-Xylene	20.000	91	356419	2.51	ppbv		99
60) Styrene	20.018	104	264059	2.56	ppbv	#	100
61) Bromoform	20.585	173	165870	2.25	ppbv		99
62) n-Propylbenzene	21.432	91	558582	2.45	ppbv		99
63) Isopropylbenzene	20.658	105	486169	2.48	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.835	83	247508	2.37	ppbv		100
66) 4-Ethyltoluene	21.652	105	473573	2.53	ppbv		97
67) 1,3,5-Trimethylbenzene	21.743	105	378248	2.42	ppbv		98
68) tert-Butylbenzene	22.499	119	404041	2.43	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	395999	2.51	ppbv	#	87
70) sec-Butylbenzene	22.981	105	549809	2.45	ppbv	#	96
71) p-Isopropyltoluene	23.249	119	427572	2.38	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	247738	2.44	ppbv		99
73) 1,4-Dichlorobenzene	23.609	146	253779	2.45	ppbv		99
74) Benzyl chloride	23.761	91	284657	2.34	ppbv		99
75) n-Butylbenzene	24.054	91	370731	2.30	ppbv		100
76) 1,2-Dichlorobenzene	24.316	146	237379	2.35	ppbv		99
77) 1,2,4-Trichlorbenzene	27.065	180	139302	1.97	ppbv		98
78) Hexachlorobutadiene	27.346	225	191952	2.24	ppbv		96
79) Naphthalene	27.468	128	351818	2.00	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231739.D
Acq On : 27 Mar 2025 9:52 pm
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO2022225A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 08:57:30 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231740.D
Acq On : 27 Mar 2025 10:43 pm
Operator : YR
Sample : SEQ-CALA
Misc : QBTO2022225A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 28 08:57:33 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.873	49	406154	10.00	ppbv		-0.01
38) 1,4-Difluorobenzene	13.501	114	1269928	10.00	ppbv		-0.01
54) d5-Chlorobenzene	18.884	117	1065318	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	803845	9.93	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.30%				
Target Compounds							Qvalue
2) Propylene	4.789	42	47648	3.01	ppbv		98
3) Dichlorodifluoromethane	4.862	85	249991	3.21	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.131	85	254908	3.20	ppbv		95
5) Chloromethane	5.350	50	70068	2.93	ppbv		98
6) Vinyl Chloride	5.618	62	77890	3.17	ppbv		99
7) 1,3-Butadiene	5.704	54	58634	3.14	ppbv		98
8) Bromomethane	6.496	94	94819	3.04	ppbv		98
9) Chloroethane	6.661	64	43373	3.22	ppbv		94
10) Vinyl Bromide	7.124	106	89706	3.16	ppbv		100
11) Trichlorofluoromethane	7.240	101	255360	3.17	ppbv		99
12) Isopropanol	7.789	45	205805	3.07	ppbv		100
13) Acrolein	7.874	56	41364	3.13	ppbv	#	88
14) Acetone	7.996	43	155843	2.77	ppbv		95
15) Freon-113	8.118	101	206911	3.12	ppbv		99
16) 1,1-Dichloroethylene	8.343	61	162793	3.09	ppbv		99
17) 3-Chloropropene	8.947	41	123210	3.17	ppbv		90
18) Methylene Chloride	9.099	49	117270	3.23	ppbv		97
19) Acrylonitrile	9.215	53	71838	3.04	ppbv	#	89
20) Carbon disulfide	9.227	76	295401	3.14	ppbv		98
21) Methyl-tert-Butyl Ethe...	9.508	73	282018	3.15	ppbv		98
22) trans-1,2-Dichloroethy...	9.709	61	154375	3.25	ppbv		96
23) Hexane	9.996	57	145365	3.16	ppbv		97
24) Vinyl Acetate	10.331	43	254376	3.25	ppbv	#	98
25) 1,1-Dichloroethane	10.367	63	185525	3.20	ppbv		96
26) 2-Butanone	10.995	43	204381	3.10	ppbv		97
27) Ethyl Acetate	11.300	43	242177	3.07	ppbv	#	42
28) cis-1,2-Dichloroethylene	11.373	61	149095	2.95	ppbv		90
29) Chloroform	11.642	83	225041	3.16	ppbv		100
30) Tetrahydrofuran	11.983	42	120472	3.21	ppbv		95
31) 1,1,1-Trichlorethane	12.391	97	230743	3.18	ppbv		100
32) Cyclohexane	12.568	56	169317	3.26	ppbv		96
33) 2,2,4-Trimethylpentane	12.721	57	487851	3.11	ppbv		98
34) Carbon Tetrachloride	12.873	117	204149	3.05	ppbv		100
35) 1,2-Dichloroethane	12.952	62	142330	3.05	ppbv		100
36) Benzene	13.086	78	351050	3.10	ppbv		96
37) n-Heptane	13.105	43	196283	3.14	ppbv	#	73
39) Trichloroethylene	14.159	95	155232	3.04	ppbv		95
40) 1,2-Dichloropropane	14.397	63	127652	3.22	ppbv		97
41) Methyl Methacrylate	14.415	69	118108	3.18	ppbv	#	41
42) 1,4-Dioxane	14.732	88	70325	2.95	ppbv	#	100
43) Bromodichloromethane	14.769	83	234466	3.05	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	277760	3.26	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	189792	3.16	ppbv		99
46) Toluene	16.354	91	425033	3.12	ppbv		98
47) trans-1,3-Dichloropropene	16.519	75	166839	3.15	ppbv		99
48) 1,1,2-Trichlorethane	16.817	97	141799	3.18	ppbv		100
49) 2-Hexanone	16.830	43	245505	3.18	ppbv		99
50) 1,3-Dichloropropane	17.256	76	181801	3.11	ppbv	#	72
51) Tetrachloroethylene	17.567	166	207952	3.14	ppbv		99
52) Dibromchloromethane	17.567	129	151512	3.13	ppbv	#	5
53) 1,2-Dibromoethane	18.146	107	218945	3.19	ppbv		100
55) Chlorobenzene	18.957	112	322691	3.17	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231740.D
Acq On : 27 Mar 2025 10:43 pm
Operator : YR
Sample : SEQ-CALA
Misc : QBTO2022225A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 28 08:57:33 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

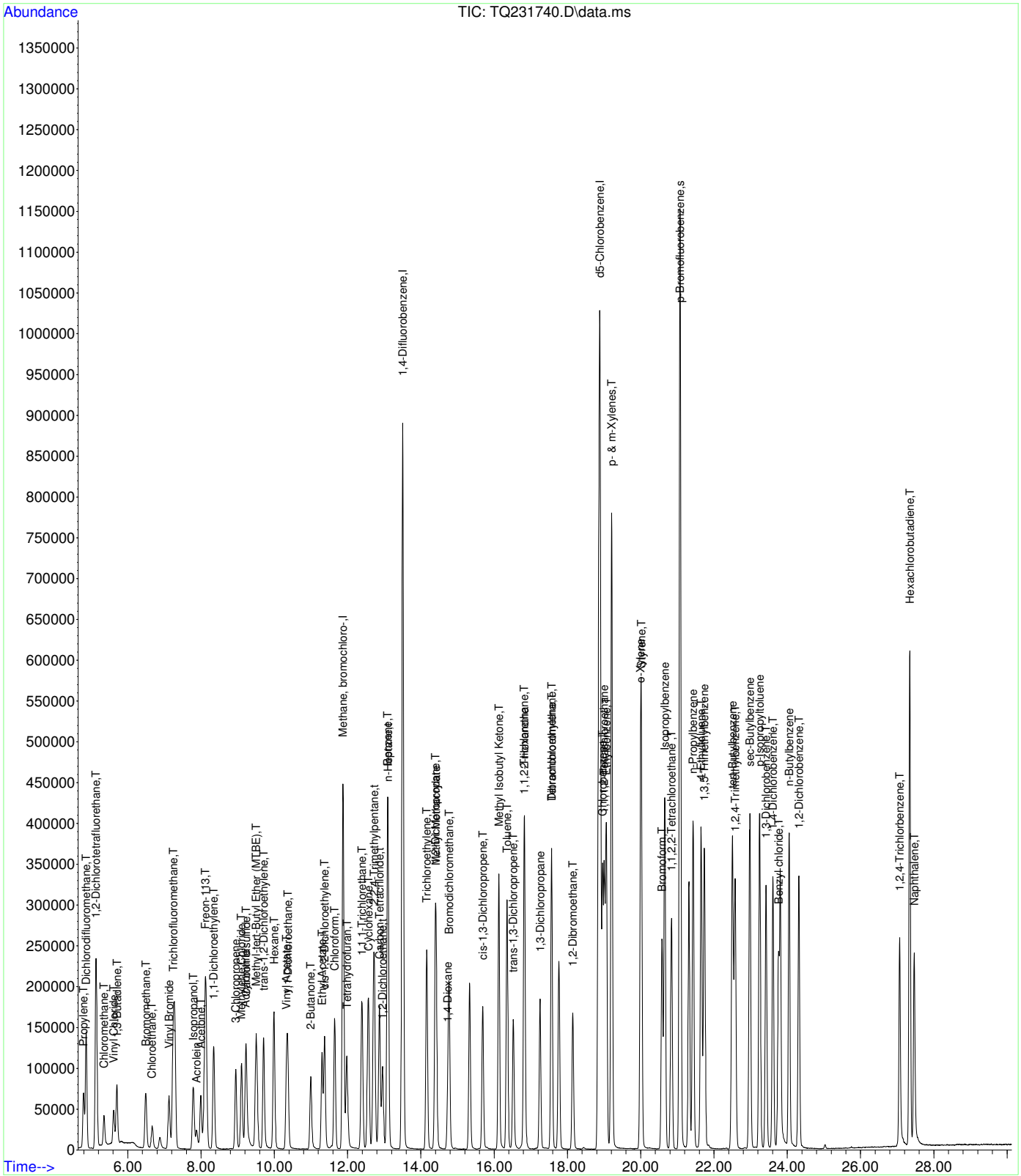
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.000	131	177149	3.23	ppbv		95
57) Ethylbenzene	19.061	91	551467	3.23	ppbv		98
58) p- & m-Xylenes	19.207	91	869899	6.71	ppbv		98
59) o-Xylene	19.994	91	423132	3.19	ppbv		99
60) Styrene	20.018	104	305807	3.17	ppbv	#	100
61) Bromoform	20.579	173	246031	3.56	ppbv		98
62) n-Propylbenzene	21.426	91	673224	3.16	ppbv		99
63) Isopropylbenzene	20.658	105	587731	3.21	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	295173	3.02	ppbv		100
66) 4-Ethyltoluene	21.646	105	554415	3.17	ppbv		97
67) 1,3,5-Trimethylbenzene	21.737	105	435162	2.97	ppbv		99
68) tert-Butylbenzene	22.505	119	468658	3.02	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	429830	2.91	ppbv	#	87
70) sec-Butylbenzene	22.981	105	636444	3.03	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	519667	3.10	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	280876	2.97	ppbv		99
73) 1,4-Dichlorobenzene	23.609	146	283033	2.92	ppbv		99
74) Benzyl chloride	23.761	91	337207	2.97	ppbv		99
75) n-Butylbenzene	24.054	91	441217	2.92	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	273371	2.90	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	161935	2.44	ppbv		98
78) Hexachlorobutadiene	27.346	225	234827	2.93	ppbv		96
79) Naphthalene	27.468	128	391134	2.38	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231740.D
Acq On : 27 Mar 2025 10:43 pm
Operator : YR
Sample : SEQ-CALA
Misc : QBTO2022225A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 28 08:57:33 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231741.D
Acq On : 27 Mar 2025 11:35 pm
Operator : YR
Sample : SEQ-CALB
Misc : QBTO2022225A
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 28 08:57:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.879	49	403223	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1257368	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1086398	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	857090	10.38	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.80%				
Target Compounds							Qvalue
2) Propylene	4.801	42	79096	5.03	ppbv		98
3) Dichlorodifluoromethane	4.875	85	403349	5.22	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.149	85	421220	5.32	ppbv		95
5) Chloromethane	5.362	50	108595	4.57	ppbv		99
6) Vinyl Chloride	5.624	62	120640	4.94	ppbv		99
7) 1,3-Butadiene	5.704	54	92697	5.00	ppbv		97
8) Bromomethane	6.496	94	154026	4.97	ppbv		100
9) Chloroethane	6.673	64	69367	5.18	ppbv		95
10) Vinyl Bromide	7.130	106	147058	5.22	ppbv		100
11) Trichlorofluoromethane	7.246	101	413388	5.18	ppbv		100
12) Isopropanol	7.789	45	331543	4.98	ppbv		100
13) Acrolein	7.886	56	70160	5.35	ppbv	#	56
14) Acetone	7.996	43	250326	4.47	ppbv		96
15) Freon-113	8.118	101	340932	5.17	ppbv		99
16) 1,1-Dichloroethylene	8.350	61	265196	5.07	ppbv		99
17) 3-Chloropropene	8.959	41	202577	5.24	ppbv		90
18) Methylene Chloride	9.112	49	185381	5.14	ppbv		98
19) Acrylonitrile	9.215	53	124851	5.32	ppbv	#	59
20) Carbon disulfide	9.234	76	492513	5.27	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.520	73	464682	5.23	ppbv		98
22) trans-1,2-Dichloroethy...	9.715	61	247318	5.25	ppbv		97
23) Hexane	9.996	57	245756	5.39	ppbv		98
24) Vinyl Acetate	10.337	43	403052	5.19	ppbv	#	99
25) 1,1-Dichloroethane	10.374	63	299836	5.20	ppbv		94
26) 2-Butanone	11.001	43	326922	4.99	ppbv		96
27) Ethyl Acetate	11.306	43	400654	5.12	ppbv	#	44
28) cis-1,2-Dichloroethylene	11.373	61	243364	4.85	ppbv		89
29) Chloroform	11.648	83	373430	5.28	ppbv		100
30) Tetrahydrofuran	11.983	42	187421	5.03	ppbv		95
31) 1,1,1-Trichlorethane	12.398	97	361227	5.01	ppbv		100
32) Cyclohexane	12.562	56	262718	5.10	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	782859	5.02	ppbv		97
34) Carbon Tetrachloride	12.873	117	334105	5.03	ppbv		100
35) 1,2-Dichloroethane	12.958	62	239182	5.17	ppbv		100
36) Benzene	13.093	78	576588	5.13	ppbv		96
37) n-Heptane	13.111	43	322018	5.19	ppbv	#	95
39) Trichloroethylene	14.159	95	246254	4.87	ppbv		96
40) 1,2-Dichloropropane	14.403	63	197235	5.03	ppbv		95
41) Methyl Methacrylate	14.422	69	189405	5.14	ppbv	#	41
42) 1,4-Dioxane	14.732	88	119567	5.07	ppbv	#	100
43) Bromodichloromethane	14.769	83	393549	5.17	ppbv		99
44) Methyl Isobutyl Ketone	16.129	43	425681	5.05	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	294659	4.95	ppbv		99
46) Toluene	16.360	91	654619	4.85	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	266378	5.08	ppbv		99
48) 1,1,2-Trichlorethane	16.824	97	219725	4.98	ppbv		99
49) 2-Hexanone	16.830	43	382536	5.00	ppbv		99
50) 1,3-Dichloropropane	17.256	76	287253	4.97	ppbv	#	72
51) Tetrachloroethylene	17.567	166	330703	5.04	ppbv		99
52) Dibromchloromethane	17.567	129	241297	5.04	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	342120	5.04	ppbv		99
55) Chlorobenzene	18.957	112	541283	5.21	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231741.D
Acq On : 27 Mar 2025 11:35 pm
Operator : YR
Sample : SEQ-CALB
Misc : QBTO2022225A
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 28 08:57:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

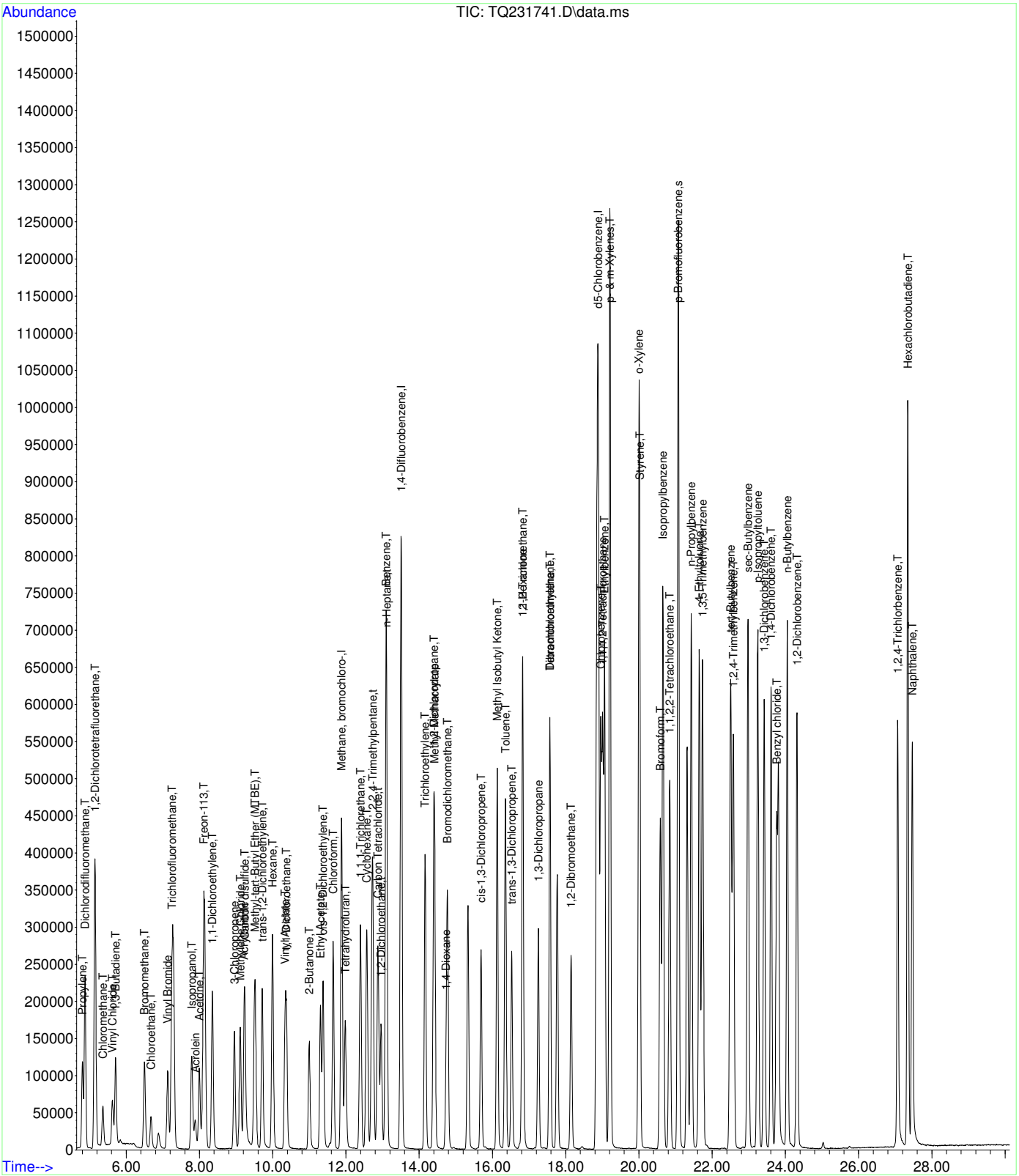
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,1,1,2-Tetrachloroethane	19.006	131	294786	5.27	ppbv		94
57)	Ethylbenzene	19.061	91	879577	5.05	ppbv		98
58)	p- & m-Xylenes	19.207	91	1430689	10.82	ppbv		98
59)	o-Xylene	20.000	91	715510	5.30	ppbv		99
60)	Styrene	20.024	104	533781	5.42	ppbv	#	100
61)	Bromoform	20.585	173	423473	6.02	ppbv		99
62)	n-Propylbenzene	21.426	91	1172567	5.39	ppbv		99
63)	Isopropylbenzene	20.652	105	1010712	5.42	ppbv		98
64)	1,1,2,2-Tetrachloroeth...	20.841	83	515878	5.18	ppbv		100
66)	4-Ethyltoluene	21.646	105	946021	5.31	ppbv		97
67)	1,3,5-Trimethylbenzene	21.743	105	760649	5.10	ppbv		98
68)	tert-Butylbenzene	22.505	119	779706	4.93	ppbv	#	77
69)	1,2,4-Trimethylbenzene	22.578	105	734478	4.88	ppbv	#	87
70)	sec-Butylbenzene	22.981	105	1096089	5.12	ppbv	#	96
71)	p-Isopropyltoluene	23.249	119	864862	5.06	ppbv	#	88
72)	1,3-Dichlorobenzene	23.420	146	521789	5.40	ppbv		99
73)	1,4-Dichlorobenzene	23.609	146	531146	5.37	ppbv		99
74)	Benzyl chloride	23.761	91	632126	5.46	ppbv		99
75)	n-Butylbenzene	24.054	91	765906	4.98	ppbv		99
76)	1,2-Dichlorobenzene	24.316	146	481232	5.00	ppbv		99
77)	1,2,4-Trichlorbenzene	27.065	180	347591	5.15	ppbv		98
78)	Hexachlorobutadiene	27.346	225	387394	4.74	ppbv		96
79)	Naphthalene	27.468	128	848464	5.05	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231741.D
Acq On : 27 Mar 2025 11:35 pm
Operator : YR
Sample : SEQ-CALB
Misc : QBTO2022225A
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 28 08:57:36 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231742.D
Acq On : 28 Mar 2025 12:27 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO2022225A
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 28 08:57:39 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	408707	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1286475	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1106307	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	879512	10.46	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.60%				
Target Compounds							Qvalue
2) Propylene	4.807	42	151758	9.53	ppbv		99
3) Dichlorodifluoromethane	4.874	85	778125	9.93	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.149	85	813422	10.14	ppbv		95
5) Chloromethane	5.362	50	213911	8.89	ppbv		99
6) Vinyl Chloride	5.624	62	235236	9.51	ppbv		100
7) 1,3-Butadiene	5.716	54	173720	9.24	ppbv		95
8) Bromomethane	6.502	94	301470	9.59	ppbv		100
9) Chloroethane	6.685	64	138990	10.24	ppbv		96
10) Vinyl Bromide	7.136	106	291129	10.19	ppbv		99
11) Trichlorofluoromethane	7.258	101	804663	9.94	ppbv		100
12) Isopropanol	7.795	45	625644	9.28	ppbv		100
13) Acrolein	7.886	56	133346	10.02	ppbv	#	56
14) Acetone	8.002	43	468622	8.26	ppbv		95
15) Freon-113	8.136	101	641894	9.60	ppbv		99
16) 1,1-Dichloroethylene	8.362	61	515099	9.71	ppbv		99
17) 3-Chloropropene	8.953	41	369151	9.43	ppbv		90
18) Methylene Chloride	9.118	49	360492	9.86	ppbv		98
19) Acrylonitrile	9.215	53	233118	9.81	ppbv	#	59
20) Carbon disulfide	9.239	76	926062	9.77	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.520	73	880652	9.79	ppbv		98
22) trans-1,2-Dichloroethy...	9.721	61	480213	10.05	ppbv		97
23) Hexane	10.002	57	452179	9.78	ppbv		97
24) Vinyl Acetate	10.343	43	744464	9.46	ppbv	#	99
25) 1,1-Dichloroethane	10.380	63	584706	10.01	ppbv		89
26) 2-Butanone	10.995	43	653493	9.83	ppbv		97
27) Ethyl Acetate	11.306	43	769396	9.69	ppbv	#	44
28) cis-1,2-Dichloroethylene	11.385	61	477201	9.39	ppbv		90
29) Chloroform	11.654	83	712043	9.93	ppbv		99
30) Tetrahydrofuran	11.983	42	366455	9.71	ppbv		96
31) 1,1,1-Trichlorethane	12.403	97	727147	9.95	ppbv		100
32) Cyclohexane	12.574	56	509839	9.76	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	1573886	9.97	ppbv		97
34) Carbon Tetrachloride	12.885	117	665596	9.89	ppbv		100
35) 1,2-Dichloroethane	12.964	62	461186	9.83	ppbv	#	86
36) Benzene	13.092	78	1051268	9.23	ppbv		95
37) n-Heptane	13.111	43	587775	9.34	ppbv	#	73
39) Trichloroethylene	14.165	95	499185	9.64	ppbv		96
40) 1,2-Dichloropropane	14.403	63	389020	9.70	ppbv		94
41) Methyl Methacrylate	14.421	69	377028	10.01	ppbv	#	41
42) 1,4-Dioxane	14.738	88	235838	9.78	ppbv	#	100
43) Bromodichloromethane	14.775	83	782836	10.04	ppbv		99
44) Methyl Isobutyl Ketone	16.134	43	899254	10.43	ppbv	#	55
45) cis-1,3-Dichloropropene	15.689	75	599372	9.84	ppbv		99
46) Toluene	16.360	91	1341116	9.71	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	533580	9.94	ppbv		99
48) 1,1,2-Trichlorethane	16.823	97	439797	9.74	ppbv		99
49) 2-Hexanone	16.836	43	769204	9.82	ppbv		100
50) 1,3-Dichloropropane	17.256	76	596039	10.07	ppbv	#	72
51) Tetrachloroethylene	17.573	166	645351	9.61	ppbv		99
52) Dibromchloromethane	17.573	129	469070	9.58	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	707625	10.19	ppbv		99
55) Chlorobenzene	18.963	112	1039698	9.82	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231742.D
Acq On : 28 Mar 2025 12:27 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO2022225A
ALS Vial : 18 Sample Multiplier: 1

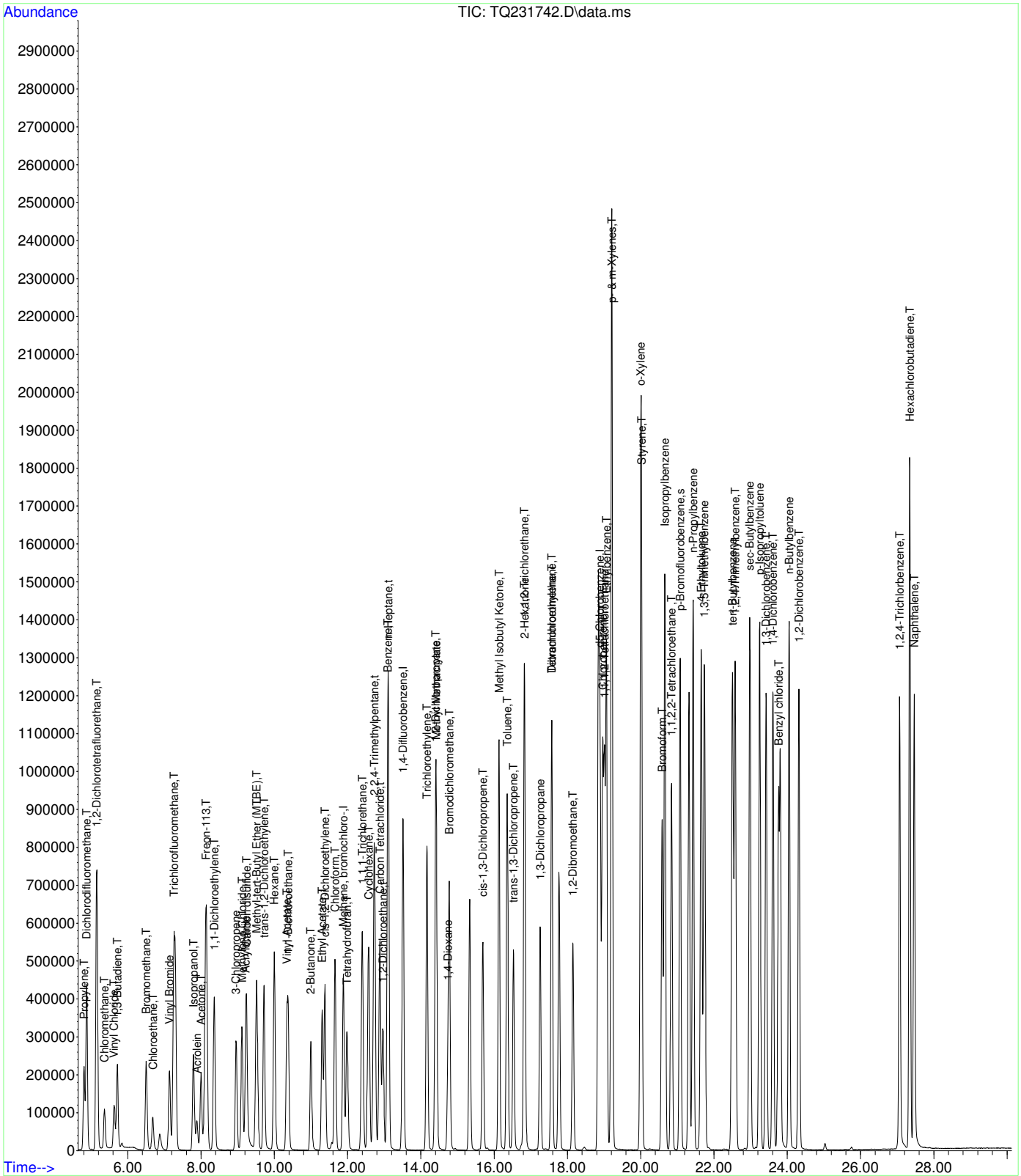
Quant Time: Mar 28 08:57:39 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,1,1,2-Tetrachloroethane	19.012	131	557786	9.79	ppbv		93
57)	Ethylbenzene	19.067	91	1815410	10.24	ppbv		99
58)	p- & m-Xylenes	19.213	91	2743431	20.37	ppbv		98
59)	o-Xylene	20.000	91	1413204	10.27	ppbv		99
60)	Styrene	20.024	104	1063917	10.61	ppbv	#	100
61)	Bromoform	20.585	173	816055	11.38	ppbv		99
62)	n-Propylbenzene	21.432	91	2356558	10.65	ppbv		99
63)	Isopropylbenzene	20.658	105	1984340	10.45	ppbv		98
64)	1,1,2,2-Tetrachloroeth...	20.841	83	988151	9.74	ppbv		99
66)	4-Ethyltoluene	21.652	105	1903225	10.49	ppbv		97
67)	1,3,5-Trimethylbenzene	21.737	105	1499585	9.87	ppbv		99
68)	tert-Butylbenzene	22.505	119	1589879	9.87	ppbv	#	77
69)	1,2,4-Trimethylbenzene	22.578	105	1585738	10.34	ppbv	#	88
70)	sec-Butylbenzene	22.975	105	2162902	9.92	ppbv	#	95
71)	p-Isopropyltoluene	23.249	119	1659968	9.53	ppbv	#	88
72)	1,3-Dichlorobenzene	23.420	146	1048235	10.66	ppbv		99
73)	1,4-Dichlorobenzene	23.609	146	1058143	10.51	ppbv		99
74)	Benzyl chloride	23.761	91	1302968	11.05	ppbv		98
75)	n-Butylbenzene	24.054	91	1553787	9.92	ppbv		99
76)	1,2-Dichlorobenzene	24.316	146	986333	10.07	ppbv		99
77)	1,2,4-Trichlorbenzene	27.065	180	696627	10.13	ppbv		98
78)	Hexachlorobutadiene	27.346	225	699385	8.40	ppbv		96
79)	Naphthalene	27.468	128	1727166	10.10	ppbv		99

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

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231742.D
Acq On : 28 Mar 2025 12:27 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO2022225A
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 28 08:57:39 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231743.D
Acq On : 28 Mar 2025 1:21 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO2022225A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 28 08:57:42 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	379196	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1172002	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1048047	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	866412	10.88	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.80%				
Target Compounds							Qvalue
2) Propylene	4.789	42	206260	13.96	ppbv		97
3) Dichlorodifluoromethane	4.862	85	1079158	14.84	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.137	85	1124913	15.11	ppbv		95
5) Chloromethane	5.344	50	299541	13.41	ppbv		99
6) Vinyl Chloride	5.612	62	324680	14.15	ppbv		100
7) 1,3-Butadiene	5.698	54	250521	14.36	ppbv		96
8) Bromomethane	6.490	94	424981	14.57	ppbv		100
9) Chloroethane	6.667	64	184763	14.68	ppbv		94
10) Vinyl Bromide	7.130	106	414595	15.65	ppbv		99
11) Trichlorofluoromethane	7.240	101	1131860	15.07	ppbv		100
12) Isopropanol	7.783	45	848728	13.57	ppbv		100
13) Acrolein	7.874	56	192666	15.61	ppbv	#	56
14) Acetone	7.984	43	653044	12.41	ppbv		94
15) Freon-113	8.118	101	947960	15.29	ppbv		99
16) 1,1-Dichloroethylene	8.350	61	750841	15.26	ppbv		99
17) 3-Chloropropene	8.947	41	531263	14.62	ppbv		89
18) Methylene Chloride	9.105	49	504125	14.86	ppbv		97
19) Acrylonitrile	9.209	53	333032	15.10	ppbv	#	59
20) Carbon disulfide	9.227	76	1323961	15.05	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.508	73	1262339	15.12	ppbv		98
22) trans-1,2-Dichloroethy...	9.709	61	682162	15.39	ppbv		97
23) Hexane	10.002	57	617755	14.40	ppbv		97
24) Vinyl Acetate	10.331	43	926912	12.70	ppbv	#	99
25) 1,1-Dichloroethane	10.374	63	780131	14.39	ppbv		84
26) 2-Butanone	10.995	43	910150	14.76	ppbv		96
27) Ethyl Acetate	11.300	43	1118565	15.19	ppbv	#	45
28) cis-1,2-Dichloroethylene	11.373	61	638682	13.55	ppbv		90
29) Chloroform	11.654	83	1010365	15.19	ppbv		99
30) Tetrahydrofuran	11.983	42	524928	14.98	ppbv		96
31) 1,1,1-Trichlorethane	12.397	97	985046	14.53	ppbv		100
32) Cyclohexane	12.568	56	690719	14.26	ppbv		95
33) 2,2,4-Trimethylpentane	12.727	57	2174396	14.84	ppbv		97
34) Carbon Tetrachloride	12.879	117	971016	15.55	ppbv		100
35) 1,2-Dichloroethane	12.964	62	671713	15.43	ppbv		100
36) Benzene	13.092	78	1572122	14.87	ppbv		96
37) n-Heptane	13.105	43	889363	15.24	ppbv	#	97
39) Trichloroethylene	14.165	95	691027	14.65	ppbv		95
40) 1,2-Dichloropropane	14.397	63	545465	14.92	ppbv		94
41) Methyl Methacrylate	14.428	69	529163	15.42	ppbv	#	71
42) 1,4-Dioxane	14.732	88	335618	15.28	ppbv	#	100
43) Bromodichloromethane	14.775	83	1115412	15.71	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	1229911	15.66	ppbv	#	55
45) cis-1,3-Dichloropropene	15.690	75	889939	16.04	ppbv		99
46) Toluene	16.354	91	1918833	15.25	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	769805	15.74	ppbv		99
48) 1,1,2-Trichlorethane	16.823	97	619247	15.05	ppbv		99
49) 2-Hexanone	16.823	43	1099687	15.41	ppbv		99
50) 1,3-Dichloropropane	17.256	76	833272	15.46	ppbv	#	72
51) Tetrachloroethylene	17.567	166	954455	15.61	ppbv		99
52) Dibromchloromethane	17.567	129	693034	15.53	ppbv	#	6
53) 1,2-Dibromoethane	18.152	107	1058854	16.74	ppbv		99
55) Chlorobenzene	18.957	112	1522968	15.19	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231743.D
Acq On : 28 Mar 2025 1:21 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO2022225A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 28 08:57:42 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

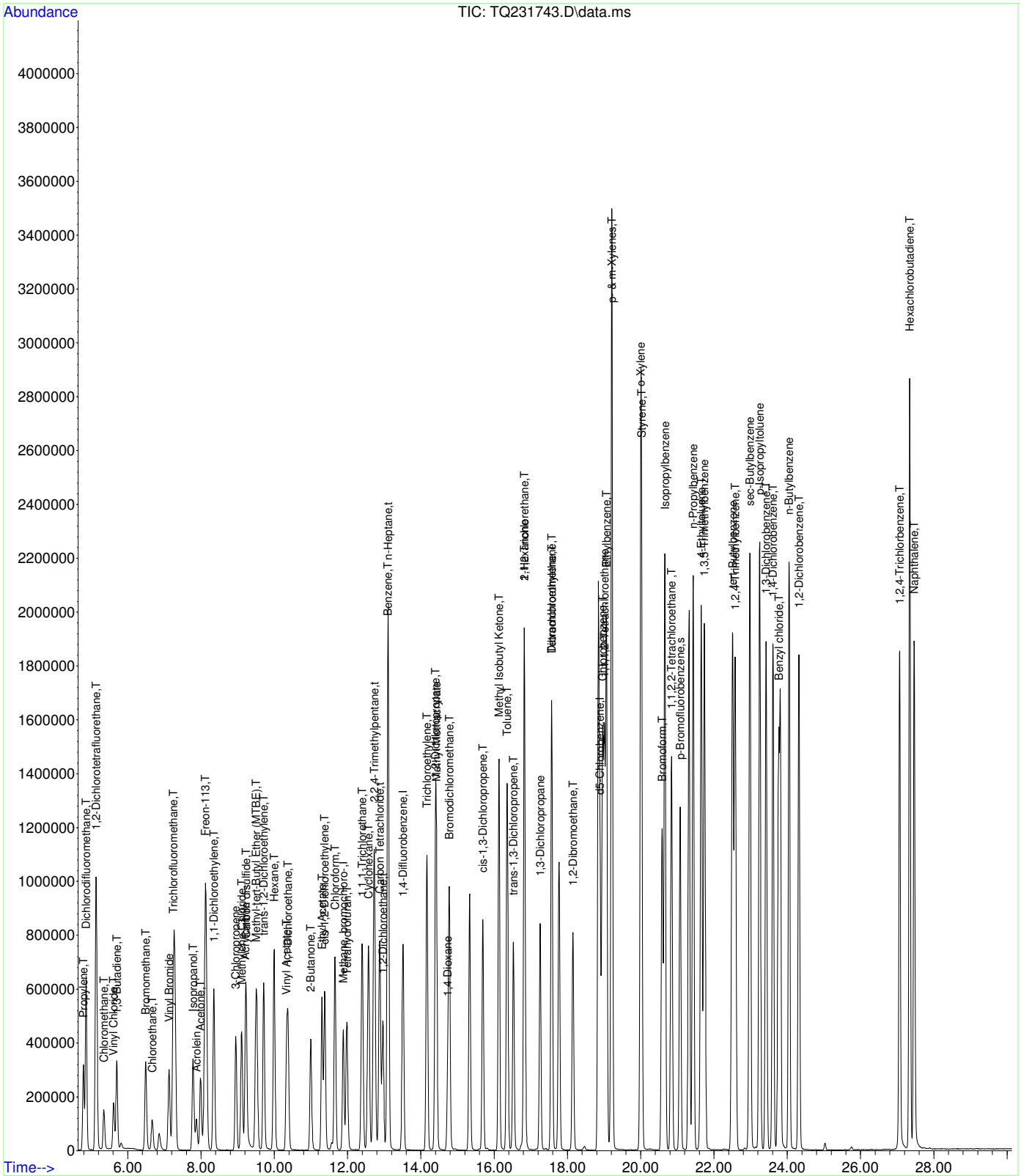
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	826270	15.31	ppbv		93
57) Ethylbenzene	19.067	91	2705651	16.11	ppbv		99
58) p- & m-Xylenes	19.213	91	3841218	30.10	ppbv		98
59) o-Xylene	20.000	91	2025512	15.54	ppbv		99
60) Styrene	20.024	104	1533559	16.15	ppbv	#	100
61) Bromoform	20.585	173	1151199	16.95	ppbv		99
62) n-Propylbenzene	21.432	91	3488068	16.63	ppbv		99
63) Isopropylbenzene	20.664	105	2863686	15.92	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	1506236	15.67	ppbv		100
66) 4-Ethyltoluene	21.652	105	2836839	16.51	ppbv		99
67) 1,3,5-Trimethylbenzene	21.737	105	2222275	15.43	ppbv		98
68) tert-Butylbenzene	22.511	119	2420723	15.86	ppbv	#	83
69) 1,2,4-Trimethylbenzene	22.578	105	2373303	16.34	ppbv	#	88
70) sec-Butylbenzene	22.981	105	3349501	16.22	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	2740359	16.61	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	1624580	17.43	ppbv		100
73) 1,4-Dichlorobenzene	23.609	146	1616854	16.96	ppbv		99
74) Benzyl chloride	23.767	91	2103101	18.83	ppbv		99
75) n-Butylbenzene	24.048	91	2468921	16.63	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	1517884	16.36	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	1099287	16.87	ppbv		98
78) Hexachlorobutadiene	27.340	225	1064562	13.50	ppbv		96
79) Naphthalene	27.462	128	2750213	16.98	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231743.D
Acq On : 28 Mar 2025 1:21 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO2022225A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 28 08:57:42 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231744.D
Acq On : 28 Mar 2025 2:17 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO2022225A
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 28 08:57:45 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.891	49	401223	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.519	114	1321488	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.884	117	1055647	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	881251	10.99	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.90%				
Target Compounds							Qvalue
2) Propylene	4.807	42	291656	18.65	ppbv		97
3) Dichlorodifluoromethane	4.881	85	1520478	19.76	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.155	85	1590679	20.20	ppbv		95
5) Chloromethane	5.368	50	419948	17.77	ppbv		99
6) Vinyl Chloride	5.637	62	473020	19.48	ppbv		100
7) 1,3-Butadiene	5.722	54	355031	19.24	ppbv		96
8) Bromomethane	6.508	94	583524	18.91	ppbv		100
9) Chloroethane	6.685	64	264906	19.89	ppbv		95
10) Vinyl Bromide	7.142	106	562199	20.05	ppbv		100
11) Trichlorofluoromethane	7.258	101	1573240	19.80	ppbv		100
12) Isopropanol	7.795	45	1159151	17.51	ppbv		100
13) Acrolein	7.892	56	261962	20.06	ppbv	#	56
14) Acetone	8.008	43	907750	16.31	ppbv		95
15) Freon-113	8.142	101	1317811	20.09	ppbv		98
16) 1,1-Dichloroethylene	8.368	61	1037409	19.92	ppbv		99
17) 3-Chloropropene	8.965	41	743899	19.35	ppbv		89
18) Methylene Chloride	9.118	49	703263	19.59	ppbv		98
19) Acrylonitrile	9.221	53	473493	20.29	ppbv	#	59
20) Carbon disulfide	9.240	76	1826638	19.63	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.526	73	1755837	19.88	ppbv		98
22) trans-1,2-Dichloroethy...	9.721	61	933931	19.91	ppbv		97
23) Hexane	10.002	57	897949	19.78	ppbv		97
24) Vinyl Acetate	10.343	43	1354057	17.53	ppbv	#	99
25) 1,1-Dichloroethane	10.386	63	1095044	19.10	ppbv		87
26) 2-Butanone	11.001	43	1304189	19.99	ppbv		97
27) Ethyl Acetate	11.312	43	1525763	19.58	ppbv	#	43
28) cis-1,2-Dichloroethylene	11.385	61	900784	18.06	ppbv		88
29) Chloroform	11.666	83	1409363	20.02	ppbv		99
30) Tetrahydrofuran	11.989	42	747421	20.16	ppbv		96
31) 1,1,1-Trichlorethane	12.410	97	1443391	20.13	ppbv		100
32) Cyclohexane	12.580	56	998855	19.49	ppbv		95
33) 2,2,4-Trimethylpentane	12.733	57	3021858	19.49	ppbv		97
34) Carbon Tetrachloride	12.885	117	1381320	20.90	ppbv		100
35) 1,2-Dichloroethane	12.970	62	930069	20.19	ppbv		100
36) Benzene	13.105	78	2164640	19.35	ppbv		96
37) n-Heptane	13.111	43	1226873	19.87	ppbv	#	97
39) Trichloroethylene	14.171	95	951788	17.89	ppbv		95
40) 1,2-Dichloropropane	14.403	63	770663	18.70	ppbv		94
41) Methyl Methacrylate	14.428	69	749146	19.36	ppbv	#	71
42) 1,4-Dioxane	14.738	88	481207	19.43	ppbv	#	100
43) Bromodichloromethane	14.781	83	1574684	19.67	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	1666515	18.82	ppbv	#	55
45) cis-1,3-Dichloropropene	15.696	75	1219408	19.49	ppbv		99
46) Toluene	16.360	91	2604232	18.35	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	1113568	20.19	ppbv		99
48) 1,1,2-Trichlorethane	16.829	97	863474	18.62	ppbv		100
49) 2-Hexanone	16.836	43	1544283	19.20	ppbv		99
50) 1,3-Dichloropropane	17.262	76	1188648	19.55	ppbv	#	72
51) Tetrachloroethylene	17.573	166	1305994	18.94	ppbv		99
52) Dibromchloromethane	17.573	129	953630	18.95	ppbv	#	6
53) 1,2-Dibromoethane	18.152	107	1366063	19.15	ppbv		99
55) Chlorobenzene	18.957	112	1981594	19.62	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231744.D
Acq On : 28 Mar 2025 2:17 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO2022225A
ALS Vial : 20 Sample Multiplier: 1

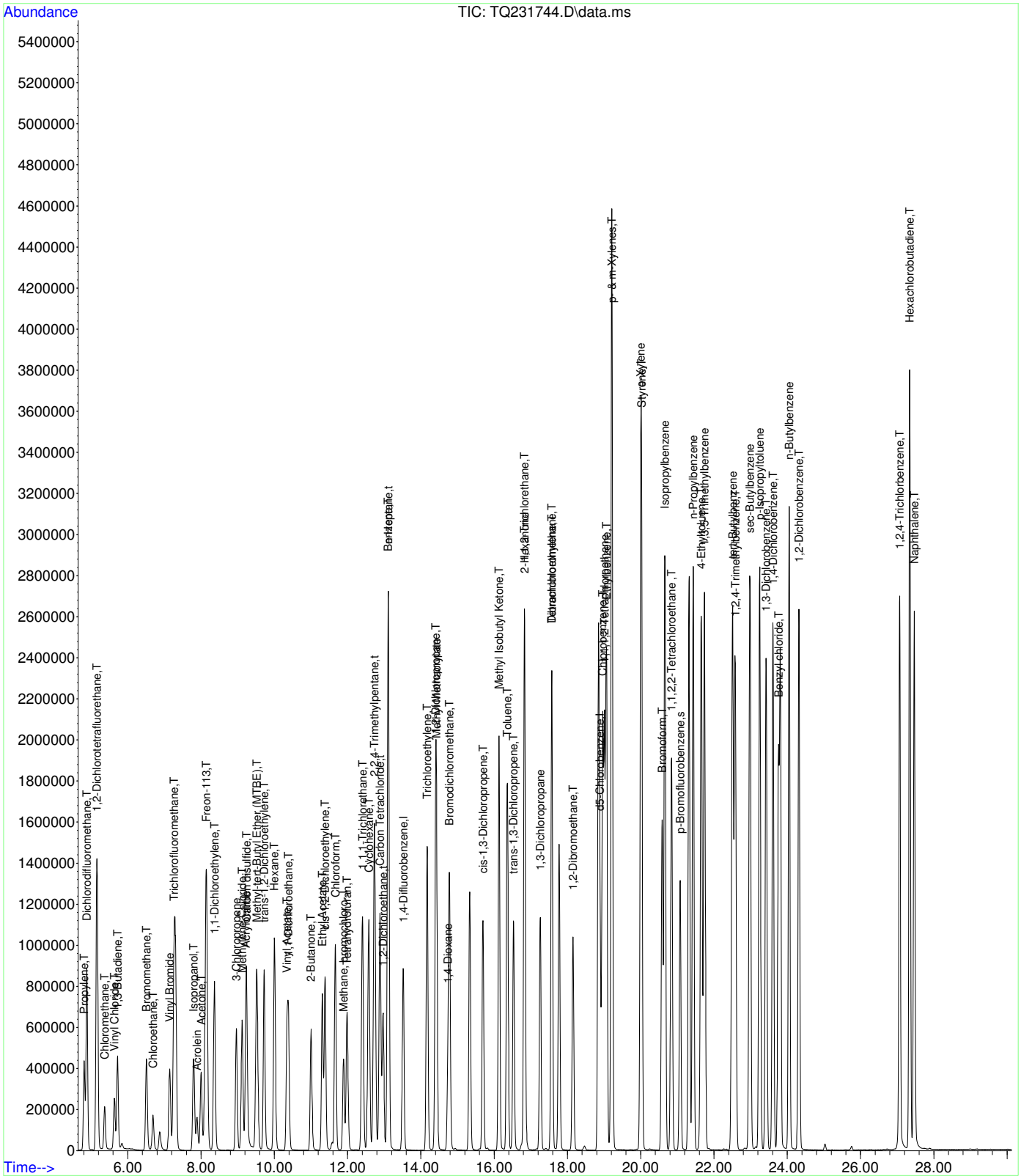
Quant Time: Mar 28 08:57:45 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	1083580	19.93	ppbv		93
57) Ethylbenzene	19.067	91	3455936	20.43	ppbv		98
58) p- & m-Xylenes	19.213	91	5052786	39.31	ppbv		97
59) o-Xylene	20.000	91	2633755	20.06	ppbv		99
60) Styrene	20.024	104	2044220	21.37	ppbv	#	100
61) Bromoform	20.585	173	1533937	22.43	ppbv		99
62) n-Propylbenzene	21.432	91	4710116	22.30	ppbv		99
63) Isopropylbenzene	20.658	105	3909878	21.58	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	2011590	20.77	ppbv		100
66) 4-Ethyltoluene	21.652	105	3808480	22.00	ppbv		100
67) 1,3,5-Trimethylbenzene	21.743	105	3048389	21.02	ppbv		98
68) tert-Butylbenzene	22.511	119	3301931	21.48	ppbv	#	83
69) 1,2,4-Trimethylbenzene	22.584	105	3187585	21.78	ppbv	#	87
70) sec-Butylbenzene	22.981	105	4511213	21.69	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	3464719	20.85	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	2145756	22.86	ppbv		100
73) 1,4-Dichlorobenzene	23.615	146	2182404	22.72	ppbv		100
74) Benzyl chloride	23.761	91	2724234	24.22	ppbv		99
75) n-Butylbenzene	24.054	91	3345312	22.37	ppbv		100
76) 1,2-Dichlorobenzene	24.316	146	2099490	22.46	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	1564579	23.84	ppbv		99
78) Hexachlorobutadiene	27.340	225	1465854	18.46	ppbv		96
79) Naphthalene	27.468	128	3763700	23.06	ppbv		99

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

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231744.D
Acq On : 28 Mar 2025 2:17 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO2022225A
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 28 08:57:45 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231745.D
Acq On : 28 Mar 2025 3:15 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO2022225A
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 28 08:57:48 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.892	49	397050	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1264367	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1081862	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	871394	10.60	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.00%				
Target Compounds							Qvalue
2) Propylene	4.795	42	404432	26.14	ppbv		97
3) Dichlorodifluoromethane	4.869	85	2161510	28.39	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.149	85	2268112	29.10	ppbv		96
5) Chloromethane	5.362	50	613393	26.23	ppbv		99
6) Vinyl Chloride	5.631	62	677398	28.20	ppbv		100
7) 1,3-Butadiene	5.710	54	522428	28.61	ppbv		96
8) Bromomethane	6.502	94	856520	28.05	ppbv		100
9) Chloroethane	6.679	64	397793	30.17	ppbv		95
10) Vinyl Bromide	7.136	106	813562	29.32	ppbv		99
11) Trichlorofluoromethane	7.264	101	2295278	29.18	ppbv		100
12) Isopropanol	7.801	45	1793128	27.37	ppbv		100
13) Acrolein	7.886	56	387857	30.01	ppbv	#	56
14) Acetone	8.002	43	1322222	24.00	ppbv		95
15) Freon-113	8.136	101	1910620	29.43	ppbv		98
16) 1,1-Dichloroethylene	8.356	61	1475081	28.63	ppbv		99
17) 3-Chloropropene	8.965	41	1097580	28.85	ppbv		89
18) Methylene Chloride	9.112	49	1032245	29.05	ppbv		98
19) Acrylonitrile	9.221	53	704973	30.53	ppbv	#	59
20) Carbon disulfide	9.234	76	2716013	29.49	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.520	73	2575402	29.46	ppbv		98
22) trans-1,2-Dichloroethy...	9.721	61	1368904	29.49	ppbv		97
23) Hexane	10.002	57	1248217	27.78	ppbv		97
24) Vinyl Acetate	10.343	43	2093503	27.39	ppbv	#	99
25) 1,1-Dichloroethane	10.386	63	1644238	28.97	ppbv		89
26) 2-Butanone	11.001	43	1910743	29.60	ppbv		96
27) Ethyl Acetate	11.306	43	2246373	29.13	ppbv	#	43
28) cis-1,2-Dichloroethylene	11.386	61	1282625	25.98	ppbv		88
29) Chloroform	11.660	83	2042868	29.32	ppbv		99
30) Tetrahydrofuran	11.983	42	1088824	29.68	ppbv		96
31) 1,1,1-Trichlorethane	12.404	97	2112729	29.77	ppbv		100
32) Cyclohexane	12.574	56	1506191	29.69	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	4218379	27.49	ppbv		98
34) Carbon Tetrachloride	12.885	117	1913257	29.26	ppbv		100
35) 1,2-Dichloroethane	12.971	62	1365142	29.94	ppbv		100
36) Benzene	13.099	78	3098796	27.99	ppbv		96
37) n-Heptane	13.111	43	1748986	28.62	ppbv	#	73
39) Trichloroethylene	14.172	95	1393304	27.38	ppbv		95
40) 1,2-Dichloropropane	14.409	63	1131055	28.68	ppbv		94
41) Methyl Methacrylate	14.422	69	1098634	29.67	ppbv	#	71
42) 1,4-Dioxane	14.745	88	686799	28.98	ppbv	#	100
43) Bromodichloromethane	14.787	83	2228820	29.10	ppbv		99
44) Methyl Isobutyl Ketone	16.135	43	2471156	29.17	ppbv	#	55
45) cis-1,3-Dichloropropene	15.696	75	1808770	30.21	ppbv		99
46) Toluene	16.360	91	3804315	28.02	ppbv		99
47) trans-1,3-Dichloropropene	16.531	75	1545799	29.29	ppbv		99
48) 1,1,2-Trichlorethane	16.830	97	1284429	28.94	ppbv		100
49) 2-Hexanone	16.836	43	2316641	30.10	ppbv		100
50) 1,3-Dichloropropane	17.256	76	1732738	29.79	ppbv	#	90
51) Tetrachloroethylene	17.573	166	1863510	28.25	ppbv		99
52) Dibromchloromethane	17.573	129	1358409	28.22	ppbv	#	6
53) 1,2-Dibromoethane	18.153	107	2070326	30.33	ppbv		100
55) Chlorobenzene	18.957	112	3047736	29.44	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231745.D
Acq On : 28 Mar 2025 3:15 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO2022225A
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 28 08:57:48 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

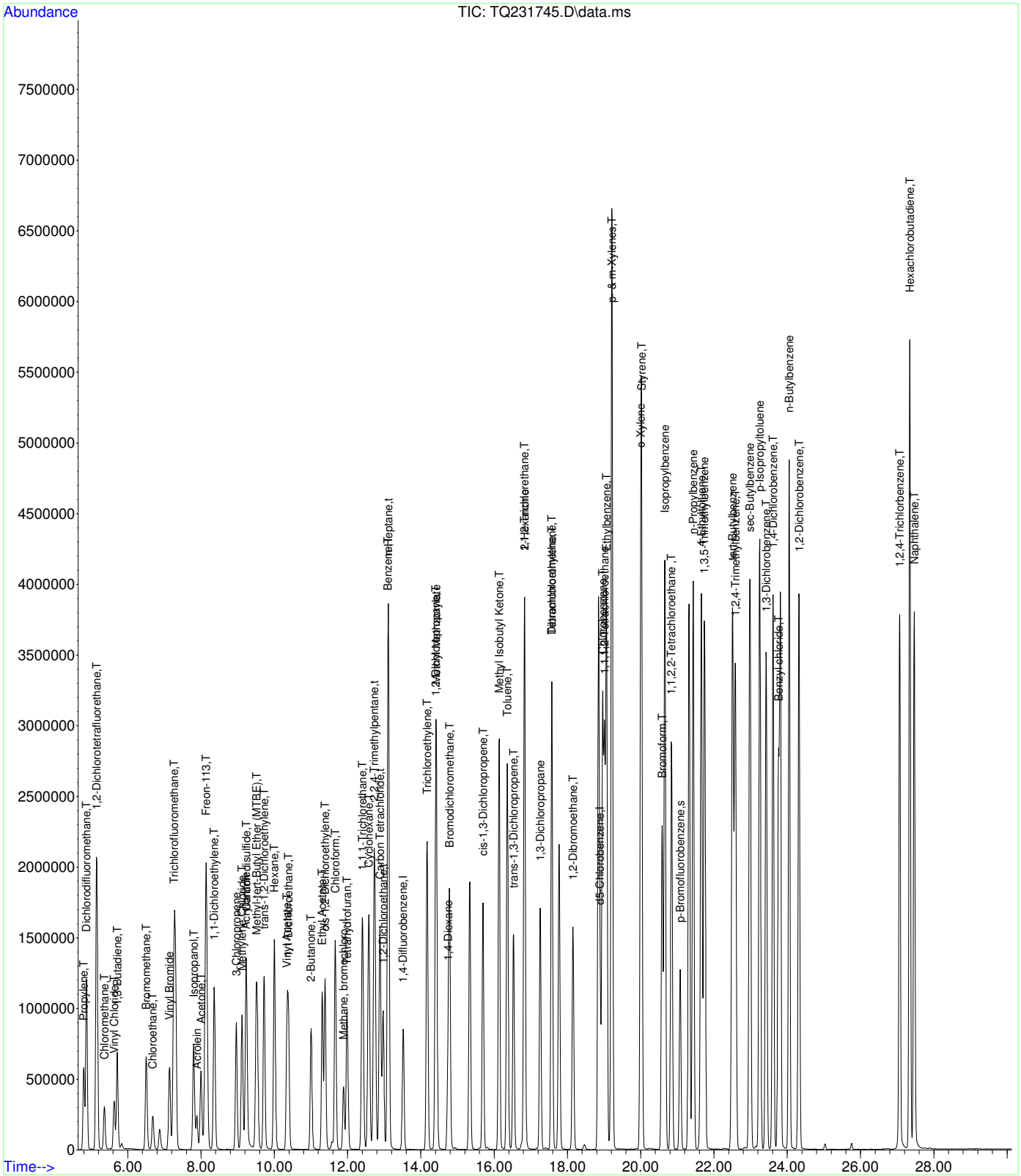
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	1573481	28.24	ppbv		93
57) Ethylbenzene	19.067	91	5292427	30.53	ppbv		99
58) p- & m-Xylenes	19.213	91	7464836	56.67	ppbv		98
59) o-Xylene	20.000	91	3773566	28.05	ppbv		99
60) Styrene	20.024	104	2923084	29.82	ppbv	#	100
61) Bromoform	20.585	173	2177241	31.06	ppbv		99
62) n-Propylbenzene	21.432	91	6570909	30.36	ppbv		99
63) Isopropylbenzene	20.658	105	5448787	29.35	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.835	83	2924356	29.46	ppbv		100
66) 4-Ethyltoluene	21.658	105	5548679	31.28	ppbv		99
67) 1,3,5-Trimethylbenzene	21.737	105	4509977	30.34	ppbv		99
68) tert-Butylbenzene	22.505	119	4833275	30.68	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.585	105	4618634	30.80	ppbv	#	87
70) sec-Butylbenzene	22.981	105	6647005	31.19	ppbv	#	95
71) p-Isopropyltoluene	23.249	119	5337409	31.34	ppbv	#	88
72) 1,3-Dichlorobenzene	23.426	146	3125837	32.49	ppbv		100
73) 1,4-Dichlorobenzene	23.615	146	3264240	33.16	ppbv		100
74) Benzyl chloride	23.761	91	3937536	34.15	ppbv		99
75) n-Butylbenzene	24.054	91	4992402	32.58	ppbv		100
76) 1,2-Dichlorobenzene	24.322	146	3147362	32.86	ppbv		100
77) 1,2,4-Trichlorbenzene	27.072	180	2255892	33.54	ppbv		98
78) Hexachlorobutadiene	27.346	225	2162471	26.57	ppbv		96
79) Naphthalene	27.468	128	5561230	33.25	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231745.D
Acq On : 28 Mar 2025 3:15 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO2022225A
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 28 08:57:48 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231746.D
Acq On : 28 Mar 2025 4:18 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO2022225A
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 28 08:57:51 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	396692	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.513	114	1238539	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1084911	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	866952	10.52	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.20%				
Target Compounds							Qvalue
2) Propylene	4.777	42	676002	43.72	ppbv		97
3) Dichlorodifluoromethane	4.856	85	3393899	44.62	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.131	85	3628858	46.60	ppbv		97
5) Chloromethane	5.344	50	1029126	44.04	ppbv		99
6) Vinyl Chloride	5.612	62	1124033	46.83	ppbv		100
7) 1,3-Butadiene	5.698	54	843577	46.23	ppbv		96
8) Bromomethane	6.490	94	1396011	45.75	ppbv		99
9) Chloroethane	6.667	64	648135	49.21	ppbv		96
10) Vinyl Bromide	7.124	106	1293330	46.65	ppbv		100
11) Trichlorofluoromethane	7.246	101	3700306	47.09	ppbv		100
12) Isopropanol	7.795	45	2830435	43.24	ppbv		100
13) Acrolein	7.880	56	631692	48.93	ppbv	#	56
14) Acetone	7.996	43	2169040	39.41	ppbv		95
15) Freon-113	8.130	101	3081948	47.51	ppbv		98
16) 1,1-Dichloroethylene	8.350	61	2468733	47.96	ppbv		99
17) 3-Chloropropene	8.959	41	1865616	49.08	ppbv		90
18) Methylene Chloride	9.105	49	1700947	47.91	ppbv		98
19) Acrylonitrile	9.209	53	1176363	51.00	ppbv	#	59
20) Carbon disulfide	9.234	76	4431885	48.16	ppbv		100
21) Methyl-tert-Butyl Ethe...	9.520	73	4322151	49.49	ppbv		98
22) trans-1,2-Dichloroethy...	9.715	61	2282120	49.21	ppbv		97
23) Hexane	10.002	57	2189312	48.78	ppbv		97
24) Vinyl Acetate	10.337	43	3563806	46.67	ppbv	#	99
25) 1,1-Dichloroethane	10.380	63	2670840	47.11	ppbv		93
26) 2-Butanone	11.008	43	3134161	48.60	ppbv		96
27) Ethyl Acetate	11.306	43	3745894	48.63	ppbv	#	44
28) cis-1,2-Dichloroethylene	11.379	61	2119408	42.97	ppbv		87
29) Chloroform	11.660	83	3268660	46.96	ppbv		99
30) Tetrahydrofuran	11.983	42	1752558	47.82	ppbv		96
31) 1,1,1-Trichlorethane	12.404	97	3446897	48.62	ppbv		100
32) Cyclohexane	12.568	56	2437604	48.10	ppbv		96
33) 2,2,4-Trimethylpentane	12.733	57	7187971	46.89	ppbv		97
34) Carbon Tetrachloride	12.879	117	3279389	50.20	ppbv		100
35) 1,2-Dichloroethane	12.971	62	2206585	48.44	ppbv		100
36) Benzene	13.093	78	4985398	45.08	ppbv		97
37) n-Heptane	13.111	43	2863541	46.90	ppbv	#	73
39) Trichloroethylene	14.172	95	2251156	45.15	ppbv		95
40) 1,2-Dichloropropane	14.403	63	1817805	47.06	ppbv		94
41) Methyl Methacrylate	14.428	69	1773610	48.89	ppbv	#	71
42) 1,4-Dioxane	14.739	88	1159022	49.92	ppbv	#	100
43) Bromodichloromethane	14.781	83	3652919	48.68	ppbv		99
44) Methyl Isobutyl Ketone	16.135	43	4016087	48.40	ppbv	#	55
45) cis-1,3-Dichloropropene	15.696	75	2969084	50.63	ppbv		99
46) Toluene	16.360	91	6312201	47.46	ppbv		99
47) trans-1,3-Dichloropropene	16.525	75	2685112	51.94	ppbv		99
48) 1,1,2-Trichlorethane	16.824	97	2039527	46.92	ppbv		100
49) 2-Hexanone	16.836	43	3751227	49.76	ppbv		100
50) 1,3-Dichloropropane	17.262	76	2799558	49.14	ppbv	#	72
51) Tetrachloroethylene	17.573	166	3083391	47.72	ppbv		99
52) Dibromchloromethane	17.573	129	2249529	47.71	ppbv	#	6
53) 1,2-Dibromoethane	18.153	107	3351375	50.13	ppbv		100
55) Chlorobenzene	18.963	112	4764523	45.90	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231746.D
Acq On : 28 Mar 2025 4:18 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO2022225A
ALS Vial : 22 Sample Multiplier: 1

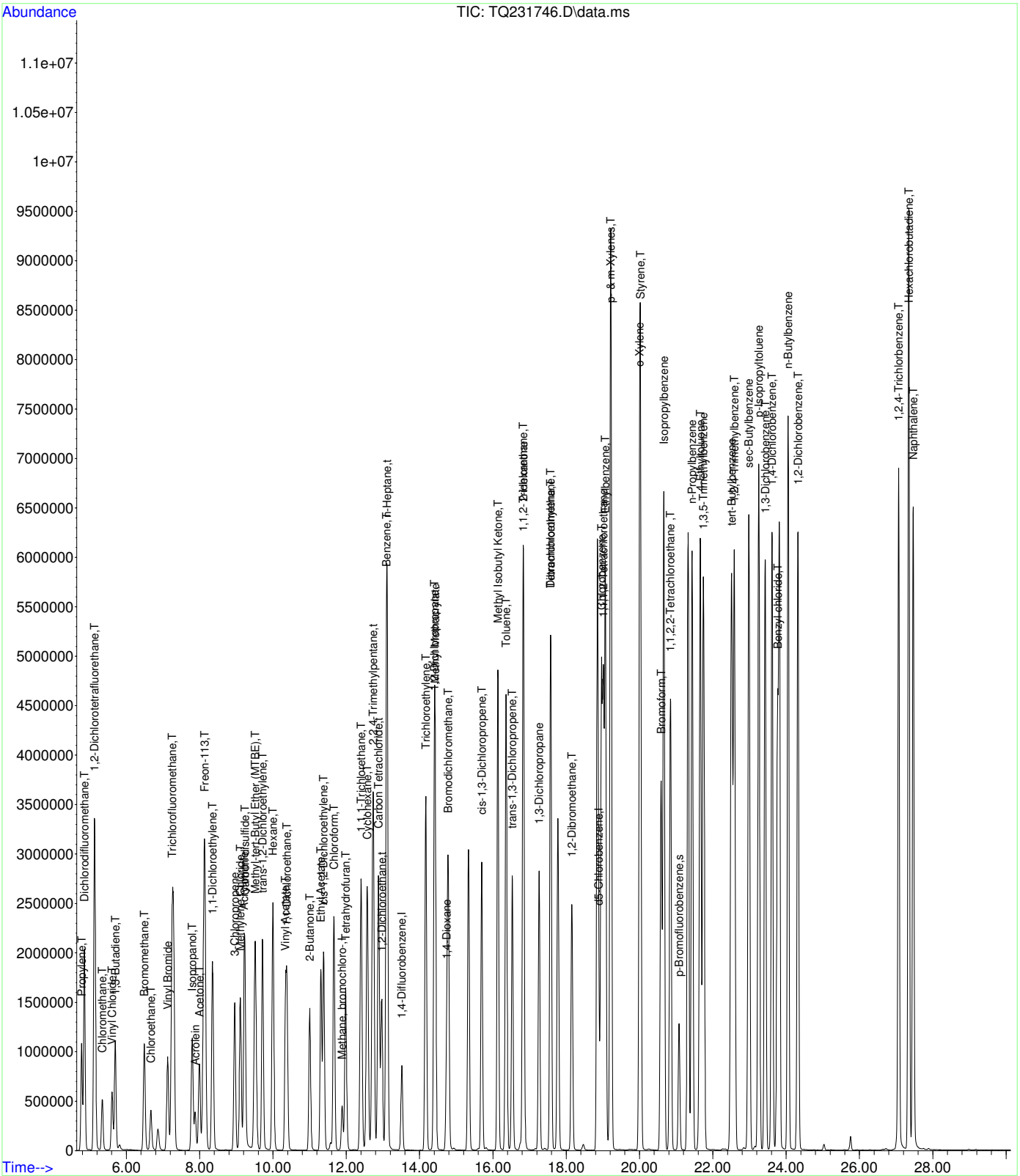
Quant Time: Mar 28 08:57:51 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	2529724	45.27	ppbv		92
57) Ethylbenzene	19.067	91	7868651	45.27	ppbv		99
58) p- & m-Xylenes	19.213	91	11021967	83.44	ppbv		98
59) o-Xylene	20.000	91	6119680	45.36	ppbv		99
60) Styrene	20.024	104	4673546	47.54	ppbv	#	100
61) Bromoform	20.591	173	3584157	50.99	ppbv		100
62) n-Propylbenzene	21.432	91	10319856	47.54	ppbv		99
63) Isopropylbenzene	20.664	105	8855305	47.56	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	4843779	48.67	ppbv		100
66) 4-Ethyltoluene	21.658	105	8675631	48.76	ppbv		99
67) 1,3,5-Trimethylbenzene	21.743	105	7228218	48.50	ppbv		99
68) tert-Butylbenzene	22.511	119	7680639	48.62	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.585	105	7673391	51.02	ppbv	#	87
70) sec-Butylbenzene	22.981	105	10238911	47.91	ppbv	#	95
71) p-Isopropyltoluene	23.255	119	8465044	49.56	ppbv	#	88
72) 1,3-Dichlorobenzene	23.432	146	5291307	54.85	ppbv		100
73) 1,4-Dichlorobenzene	23.615	146	5291586	53.61	ppbv		99
74) Benzyl chloride	23.767	91	6069847	52.50	ppbv		98
75) n-Butylbenzene	24.054	91	8364814	54.43	ppbv		100
76) 1,2-Dichlorobenzene	24.322	146	5130444	53.41	ppbv		100
77) 1,2,4-Trichlorbenzene	27.072	180	4057706	60.15	ppbv		99
78) Hexachlorobutadiene	27.346	225	3725958	45.65	ppbv		95
79) Naphthalene	27.468	128	9448383	56.34	ppbv		99

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

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231746.D
Acq On : 28 Mar 2025 4:18 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO2022225A
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 28 08:57:51 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Laboratory ID: S5C3110-SCV1
Sequence: S5C3110
Standard ID: S25C412

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.0	0.0	30.00
1,1,1-Trichloroethane	10.0	10.3	3.1	30.00
1,1,2,2-Tetrachloroethane	10.0	9.40	-6.0	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	4.0	30.00
1,1,2-Trichloroethane	10.0	10.0	0.5	30.00
1,1-Dichloroethane	10.0	10.1	1.4	30.00
1,1-Dichloroethylene	10.0	10.1	0.9	30.00
1,2,4-Trichlorobenzene	10.0	8.59	-14.1	30.00
1,2,4-Trimethylbenzene	10.0	10.3	2.8	30.00
1,2-Dibromoethane	10.0	10.6	6.5	30.00
1,2-Dichlorobenzene	10.0	9.77	-2.3	30.00
1,2-Dichloroethane	10.0	10.0	0.2	30.00
1,2-Dichloropropane	10.0	10.5	4.6	30.00
1,2-Dichlorotetrafluoroethane	10.0	10.4	4.5	30.00
1,3,5-Trimethylbenzene	10.0	10.3	3.3	30.00
1,3-Butadiene	10.0	10.4	4.4	30.00
1,3-Dichlorobenzene	10.0	10.7	7.2	30.00
1,3-Dichloropropane	10.0	10.0	0.5	30.00
1,4-Dichlorobenzene	10.0	10.2	2.3	30.00
1,4-Dioxane	10.0	10.8	7.6	30.00
2,2,4-Trimethylpentane	10.0	10.7	7.0	30.00
2-Butanone	10.0	10.2	2.0	30.00
2-Hexanone	10.0	9.90	-1.0	30.00
3-Chloropropene	10.0	10.0	0.3	30.00
4-Methyl-2-pentanone	10.0	10.2	2.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Laboratory ID: S5C3110-SCV1
Sequence: S5C3110
Standard ID: S25C412

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Acetone	10.0	9.01	-9.9	30.00
Acrylonitrile	10.0	10.3	3.4	30.00
Benzene	10.0	10.1	1.0	30.00
Benzyl chloride	10.0	11.1	10.7	30.00
Bromodichloromethane	10.0	10.9	8.6	30.00
Bromoform	10.0	11.4	14.3	30.00
Bromomethane	10.0	9.73	-2.7	30.00
Carbon disulfide	10.0	10.0	0.0	30.00
Carbon tetrachloride	10.0	10.8	7.5	30.00
Chlorobenzene	10.0	9.86	-1.4	30.00
Chloroethane	10.0	10.2	2.3	30.00
Chloroform	10.0	10.5	5.2	30.00
Chloromethane	10.0	9.57	-4.3	30.00
cis-1,2-Dichloroethylene	10.0	8.90	-11.0	30.00
cis-1,3-Dichloropropylene	10.0	10.5	5.0	30.00
Cyclohexane	10.0	10.3	3.1	30.00
Dibromochloromethane	10.0	9.83	-1.7	30.00
Dichlorodifluoromethane	10.0	10.3	2.9	30.00
Ethyl acetate	10.0	9.80	-2.0	30.00
Ethyl Benzene	10.0	10.3	2.8	30.00
Hexachlorobutadiene	10.0	7.88	-21.2	30.00
Isopropanol	10.0	9.52	-4.8	30.00
Methyl Methacrylate	10.0	10.4	4.4	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.6	5.9	30.00
Methylene chloride	10.0	10.2	2.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1716
Client: PVE, LLC.
Project: 20240302
Calibration: SC50042
Laboratory ID: S5C3110-SCV1
Sequence: S5C3110
Standard ID: S25C412

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Naphthalene	10.0	7.88	-21.2	30.00
n-Heptane	10.0	10.2	2.2	30.00
n-Hexane	10.0	10.2	2.4	30.00
o-Xylene	10.0	9.78	-2.2	30.00
p- & m- Xylenes	20.0	20.5	2.4	30.00
p-Ethyltoluene	10.0	10.6	6.5	30.00
Propylene	10.0	9.86	-1.4	30.00
Styrene	10.0	9.99	-0.1	30.00
Tetrachloroethylene	10.0	9.85	-1.5	30.00
Tetrahydrofuran	10.0	9.83	-1.7	30.00
Toluene	10.0	9.80	-2.0	30.00
trans-1,2-Dichloroethylene	10.0	10.1	0.7	30.00
trans-1,3-Dichloropropylene	10.0	11.0	9.7	30.00
Trichloroethylene	10.0	10.1	0.6	30.00
Trichlorofluoromethane (Freon 11)	10.0	10.5	4.7	30.00
Vinyl acetate	10.0	9.95	-0.5	30.00
Vinyl bromide	10.0	10.8	7.8	30.00
Vinyl Chloride	10.0	10.3	3.4	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231751.D
Acq On : 28 Mar 2025 8:37 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO2022225A
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 28 09:07:55 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.885	49	406966	10.00	ppbv		0.00
38) 1,4-Difluorobenzene	13.507	114	1260213	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1099814	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.073	95	893643	10.69	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.90%				
Target Compounds							Qvalue
2) Propylene	4.783	42	156466	9.86	ppbv		98
3) Dichlorodifluoromethane	4.856	85	802700	10.29	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.137	85	834592	10.45	ppbv		96
5) Chloromethane	5.344	50	229376	9.57	ppbv		99
6) Vinyl Chloride	5.606	62	254722	10.34	ppbv		99
7) 1,3-Butadiene	5.691	54	195347	10.44	ppbv		96
8) Bromomethane	6.484	94	304541	9.73	ppbv		99
9) Chloroethane	6.661	64	138194	10.23	ppbv		95
10) Vinyl Bromide	7.124	106	306602	10.78	ppbv		100
11) Trichlorofluoromethane	7.246	101	843884	10.47	ppbv		100
12) Isopropanol	7.789	45	639524	9.52	ppbv		100
13) Acrolein	7.886	56	138708	10.47	ppbv	#	56
14) Acetone	7.990	43	508814	9.01	ppbv		96
15) Freon-113	8.130	101	692217	10.40	ppbv		99
16) 1,1-Dichloroethylene	8.349	61	533023	10.09	ppbv		99
17) 3-Chloropropene	8.953	41	391175	10.03	ppbv		90
18) Methylene Chloride	9.105	49	371436	10.20	ppbv		98
19) Acrylonitrile	9.215	53	244599	10.34	ppbv	#	59
20) Carbon disulfide	9.227	76	943853	10.00	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.514	73	948703	10.59	ppbv		98
22) trans-1,2-Dichloroethy...	9.709	61	479269	10.07	ppbv		97
23) Hexane	9.995	57	471384	10.24	ppbv		97
24) Vinyl Acetate	10.337	43	779568	9.95	ppbv	#	99
25) 1,1-Dichloroethane	10.380	63	589874	10.14	ppbv		92
26) 2-Butanone	10.995	43	675058	10.20	ppbv		97
27) Ethyl Acetate	11.300	43	774186	9.80	ppbv	#	42
28) cis-1,2-Dichloroethylene	11.379	61	450128	8.90	ppbv		90
29) Chloroform	11.654	83	751027	10.52	ppbv		100
30) Tetrahydrofuran	11.977	42	369680	9.83	ppbv		96
31) 1,1,1-Trichlorethane	12.404	97	749824	10.31	ppbv		100
32) Cyclohexane	12.568	56	536279	10.31	ppbv		96
33) 2,2,4-Trimethylpentane	12.727	57	1683106	10.70	ppbv		97
34) Carbon Tetrachloride	12.879	117	720398	10.75	ppbv		100
35) 1,2-Dichloroethane	12.964	62	468067	10.02	ppbv		100
36) Benzene	13.092	78	1146430	10.10	ppbv		96
37) n-Heptane	13.105	43	640047	10.22	ppbv	#	97
39) Trichloroethylene	14.165	95	510434	10.06	ppbv		95
40) 1,2-Dichloropropane	14.403	63	410992	10.46	ppbv		96
41) Methyl Methacrylate	14.421	69	385478	10.44	ppbv	#	41
42) 1,4-Dioxane	14.732	88	254214	10.76	ppbv	#	100
43) Bromodichloromethane	14.775	83	829478	10.86	ppbv		99
44) Methyl Isobutyl Ketone	16.128	43	865000	10.25	ppbv	#	55
45) cis-1,3-Dichloropropene	15.689	75	626786	10.50	ppbv		99
46) Toluene	16.354	91	1325821	9.80	ppbv		98
47) trans-1,3-Dichloropropene	16.525	75	576932	10.97	ppbv		99
48) 1,1,2-Trichlorethane	16.823	97	444557	10.05	ppbv		100
49) 2-Hexanone	16.829	43	759440	9.90	ppbv		99
50) 1,3-Dichloropropane	17.256	76	582451	10.05	ppbv	#	72
51) Tetrachloroethylene	17.573	166	647599	9.85	ppbv		99
52) Dibromchloromethane	17.573	129	471731	9.83	ppbv	#	6
53) 1,2-Dibromoethane	18.146	107	724759	10.65	ppbv		99
55) Chlorobenzene	18.957	112	1037674	9.86	ppbv	#	100

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231751.D
Acq On : 28 Mar 2025 8:37 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO2022225A
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 28 09:07:55 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

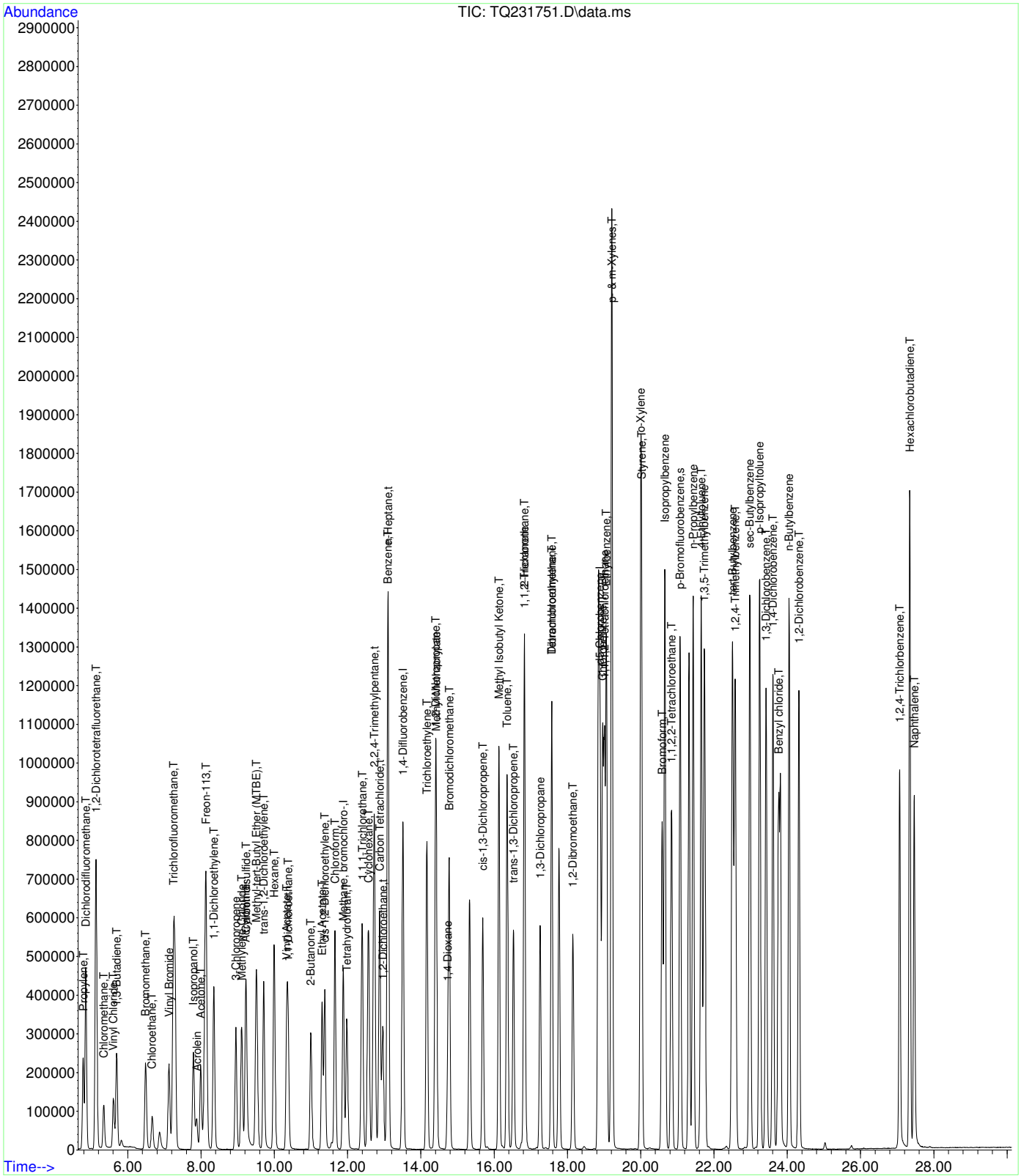
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	566190	10.00	ppbv		93
57) Ethylbenzene	19.061	91	1810552	10.28	ppbv		99
58) p- & m-Xylenes	19.213	91	2743090	20.49	ppbv		98
59) o-Xylene	20.000	91	1338074	9.78	ppbv		99
60) Styrene	20.024	104	995376	9.99	ppbv	#	100
61) Bromoform	20.585	173	814559	11.43	ppbv		99
62) n-Propylbenzene	21.432	91	2299679	10.45	ppbv		99
63) Isopropylbenzene	20.658	105	1949596	10.33	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	948442	9.40	ppbv		100
66) 4-Ethyltoluene	21.652	105	1921206	10.65	ppbv		100
67) 1,3,5-Trimethylbenzene	21.737	105	1560608	10.33	ppbv		99
68) tert-Butylbenzene	22.505	119	1627869	10.17	ppbv	#	77
69) 1,2,4-Trimethylbenzene	22.578	105	1566886	10.28	ppbv	#	94
70) sec-Butylbenzene	22.975	105	2180976	10.07	ppbv	#	95
71) p-Isopropyltoluene	23.243	119	1781477	10.29	ppbv	#	88
72) 1,3-Dichlorobenzene	23.420	146	1048102	10.72	ppbv		99
73) 1,4-Dichlorobenzene	23.609	146	1023804	10.23	ppbv		99
74) Benzyl chloride	23.761	91	1297797	11.07	ppbv		98
75) n-Butylbenzene	24.048	91	1555863	9.99	ppbv		99
76) 1,2-Dichlorobenzene	24.316	146	951451	9.77	ppbv		99
77) 1,2,4-Trichlorbenzene	27.071	180	587116	8.59	ppbv		99
78) Hexachlorobutadiene	27.346	225	652018	7.88	ppbv		96
79) Naphthalene	27.468	128	1339264	7.88	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\032725-ICAL\
Data File : TQ231751.D
Acq On : 28 Mar 2025 8:37 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO2022225A
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 28 09:07:55 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR2	Calibration:	SC50042
Lab File ID:	TQ231942.D	Calibration Date:	03/27/25 13:47
Sequence:	S5D0852	Injection Date:	04/08/25
Lab Sample ID:	S5D0852-CCV1	Injection Time:	09:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	9.51	0.5149838	0.4896085		-4.9	30	
1,1,1-Trichloroethane	A	10.0	9.81	1.786816	1.753276		-1.9	30	
1,1,2,2-Tetrachloroethane	A	10.0	9.53	0.9173197	0.8746513		-4.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.3	1.63458	1.68993		3.4	30	
1,1,2-Trichloroethane	A	10.0	9.74	0.3509358	0.3416877		-2.6	30	
1,1-Dichloroethane	A	10.0	9.61	1.428878	1.373569		-3.9	30	
1,1-Dichloroethylene	A	10.0	9.90	1.297637	1.28472		-1.0	30	
1,2,4-Trichlorobenzene	A	10.0	8.81	0.621838	0.5477537		-11.9	30	
1,2,4-Trimethylbenzene	A	10.0	9.48	1.386089	1.313762		-5.2	30	
1,2-Dibromoethane	A	10.0	10.3	0.5397686	0.5541918		2.7	30	
1,2-Dichlorobenzene	A	10.0	9.75	0.8853911	0.86351		-2.5	30	
1,2-Dichloroethane	A	10.0	9.68	1.147912	1.111676		-3.2	30	
1,2-Dichloropropane	A	10.0	9.53	0.3118304	0.2972727		-4.7	30	
1,2-Dichlorotetrafluoroethane	A	10.0	10.5	1.962638	2.069706		5.5	30	
1,3,5-Trimethylbenzene	A	10.0	9.78	1.37337	1.343147		-2.2	30	
1,3-Butadiene	A	10.0	10.6	0.4598385	0.4850273		5.5	30	
1,3-Dichlorobenzene	A	10.0	10.1	0.8892767	0.8945825		0.6	30	
1,3-Dichloropropane	A	10.0	9.82	0.4598857	0.4514778		-1.8	30	
1,4-Dichlorobenzene	A	10.0	10.0	0.9097573	0.9107244		0.1	30	
1,4-Dioxane	A	10.0	9.73	0.1874181	0.1823532		-2.7	30	
2,2,4-Trimethylpentane	A	10.0	9.33	3.863553	3.604358		-6.7	30	
2-Butanone	A	10.0	9.68	1.625399	1.573406		-3.2	30	
2-Hexanone	A	10.0	9.54	0.6086018	0.5805252		-4.6	30	
3-Chloropropene	A	10.0	9.47	0.9580096	0.9075668		-5.3	30	
4-Methyl-2-pentanone	A	10.0	9.56	0.6698743	0.6407324		-4.4	30	
Acetone	A	10.0	8.10	1.387287	1.12387		-19.0	30	
Acrylonitrile	A	10.0	9.55	0.5813337	0.5554313		-4.5	30	
Benzene	A	10.0	9.10	2.786953	2.536957		-9.0	30	
Benzyl chloride	A	10.0	10.4	1.065557	1.107376		3.9	30	
Bromodichloromethane	A	10.0	9.99	0.605758	0.6049989		-0.1	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR2	Calibration:	SC50042
Lab File ID:	TQ231942.D	Calibration Date:	03/27/25 13:47
Sequence:	S5D0852	Injection Date:	04/08/25
Lab Sample ID:	S5D0852-CCV1	Injection Time:	09:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	10.4	0.6477512	0.6724318		3.8	30	
Bromomethane	A	10.0	9.93	0.768971	0.7637945		-0.7	30	
Carbon disulfide	A	10.0	9.86	2.318697	2.287392		-1.4	30	
Carbon tetrachloride	A	10.0	9.48	1.647024	1.561491		-5.2	30	
Chlorobenzene	A	10.0	9.53	0.9567194	0.9117887		-4.7	30	
Chloroethane	A	10.0	9.63	0.3319307	0.3196616		-3.7	30	
Chloroform	A	10.0	9.91	1.754143	1.739289		-0.8	30	
Chloromethane	A	10.0	9.60	0.5889332	0.5656319		-4.0	30	
cis-1,2-Dichloroethylene	A	10.0	9.12	1.243282	1.133427		-8.8	30	
cis-1,3-Dichloropropylene	A	10.0	9.51	0.4735583	0.4503748		-4.9	30	
Cyclohexane	A	10.0	9.21	1.277157	1.176892		-7.9	30	
Dibromochloromethane	A	10.0	9.61	0.3806586	0.3660561		-3.8	30	
Dichlorodifluoromethane	A	10.0	10.3	1.916998	1.967437		2.6	30	
Ethyl acetate	A	10.0	9.54	1.941329	1.85256		-4.6	30	
Ethyl Benzene	A	10.0	9.57	1.601814	1.53336		-4.3	30	
Hexachlorobutadiene	A	10.0	8.10	0.7522773	0.609046		-19.0	30	
Isopropanol	A	10.0	9.05	1.649423	1.493949		-9.4	30	
Methyl Methacrylate	A	10.0	9.42	0.2927754	0.275995		-5.7	30	
Methyl tert-butyl ether (MTBE)	A	10.0	9.67	2.2009	2.128951		-3.3	30	
Methylene chloride	A	10.0	9.98	0.8944791	0.8932335		-0.1	30	
Naphthalene	A	10.0	8.43	1.545268	1.303587		-15.6	30	
n-Heptane	A	10.0	8.91	1.53862	1.371644		-10.9	30	
n-Hexane	A	10.0	9.13	1.131148	1.032526		-8.7	30	
o-Xylene	A	10.0	9.09	1.243391	1.130768		-9.1	30	
p- & m- Xylenes	A	20.0	19.4	1.217691	1.183808		-2.8	30	
p-Ethyltoluene	A	10.0	9.98	1.639736	1.636258		-0.2	30	
Propylene	A	10.0	9.25	0.3899389	0.3606243		-7.5	30	
Styrene	A	10.0	9.51	0.9061753	0.8621593		-4.9	30	
Tetrachloroethylene	A	10.0	9.56	0.5216672	0.4986926		-4.4	30	
Tetrahydrofuran	A	10.0	9.71	0.9232628	0.8971063		-2.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1716
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR2	Calibration:	SC50042
Lab File ID:	TQ231942.D	Calibration Date:	03/27/25 13:47
Sequence:	S5D0852	Injection Date:	04/08/25
Lab Sample ID:	S5D0852-CCV1	Injection Time:	09:39

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toluene	A	10.0	9.62	1.073595	1.033037		-3.8	30	
trans-1,2-Dichloroethylene	A	10.0	9.77	1.168221	1.141667		-2.3	30	
trans-1,3-Dichloropropylene	A	10.0	9.41	0.4173443	0.3928654		-5.9	30	
Trichloroethylene	A	10.0	9.78	0.402485	0.3935561		-2.2	30	
Trichlorofluoromethane (Freon 11)	A	10.0	10.3	1.980303	2.045017		3.3	30	
Vinyl acetate	A	10.0	7.46	1.924486	1.435649		-25.4	30	
Vinyl bromide	A	10.0	10.4	0.6984373	0.7241709		3.7	30	
Vinyl Chloride	A	10.0	11.0	0.6050697	0.6660444		10.1	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.898	49	380859	10.00	ppbv		0.01
38) 1,4-Difluorobenzene	13.519	114	1195855	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1054275	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	824271	10.29	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.90%				
Target Compounds							Qvalue
2) Propylene	4.826	42	137347	9.25	ppbv		97
3) Dichlorodifluoromethane	4.899	85	749316	10.26	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.173	85	788266	10.54	ppbv		95
5) Chloromethane	5.381	50	215426	9.60	ppbv		99
6) Vinyl Chloride	5.655	62	253669	11.01	ppbv		100
7) 1,3-Butadiene	5.740	54	184727	10.55	ppbv		96
8) Bromomethane	6.527	94	290898	9.93	ppbv		100
9) Chloroethane	6.710	64	121746	9.63	ppbv		95
10) Vinyl Bromide	7.155	106	275807	10.36	ppbv		100
11) Trichlorofluoromethane	7.283	101	778863	10.32	ppbv		100
12) Isopropanol	7.807	45	568984	9.05	ppbv		100
13) Acrolein	7.904	56	120605	9.73	ppbv	#	56
14) Acetone	8.020	43	428036	8.10	ppbv		95
15) Freon-113	8.154	101	643625	10.33	ppbv		100
16) 1,1-Dichloroethylene	8.374	61	489297	9.90	ppbv		99
17) 3-Chloropropene	8.977	41	345655	9.47	ppbv		90
18) Methylene Chloride	9.130	49	340196	9.98	ppbv		99
19) Acrylonitrile	9.233	53	211541	9.55	ppbv	#	94
20) Carbon disulfide	9.252	76	871174	9.86	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.532	73	810830	9.67	ppbv		98
22) trans-1,2-Dichloroethy...	9.727	61	434814	9.77	ppbv		98
23) Hexane	10.020	57	393247	9.13	ppbv		97
24) Vinyl Acetate	10.355	43	546780	7.46	ppbv	#	99
25) 1,1-Dichloroethane	10.398	63	523136	9.61	ppbv		75
26) 2-Butanone	11.014	43	599246	9.68	ppbv		96
27) Ethyl Acetate	11.318	43	705564	9.54	ppbv	#	44
28) cis-1,2-Dichloroethylene	11.392	61	431676	9.12	ppbv		90
29) Chloroform	11.666	83	662424	9.91	ppbv		99
30) Tetrahydrofuran	11.995	42	341671	9.71	ppbv		95
31) 1,1,1-Trichlorethane	12.410	97	667751	9.81	ppbv		100
32) Cyclohexane	12.580	56	448230	9.21	ppbv		96
33) 2,2,4-Trimethylpentane	12.739	57	1372752	9.33	ppbv		98
34) Carbon Tetrachloride	12.891	117	594708	9.48	ppbv		100
35) 1,2-Dichloroethane	12.970	62	423392	9.68	ppbv	#	85
36) Benzene	13.105	78	966223	9.10	ppbv		93
37) n-Heptane	13.117	43	522403	8.91	ppbv	#	75
39) Trichloroethylene	14.171	95	470636	9.78	ppbv		97
40) 1,2-Dichloropropane	14.409	63	355495	9.53	ppbv		97
41) Methyl Methacrylate	14.428	69	330050	9.42	ppbv	#	70
42) 1,4-Dioxane	14.745	88	218068	9.73	ppbv	#	100
43) Bromodichloromethane	14.787	83	723491	9.99	ppbv		99
44) Methyl Isobutyl Ketone	16.141	43	766223	9.56	ppbv	#	55
45) cis-1,3-Dichloropropene	15.696	75	538583	9.51	ppbv		99
46) Toluene	16.372	91	1235362	9.62	ppbv		99
47) trans-1,3-Dichloropropene	16.531	75	469810	9.41	ppbv		99
48) 1,1,2-Trichlorethane	16.836	97	408609	9.74	ppbv		99
49) 2-Hexanone	16.836	43	694224	9.54	ppbv		99
50) 1,3-Dichloropropane	17.262	76	539902	9.82	ppbv	#	72
51) Tetrachloroethylene	17.579	166	596364	9.56	ppbv		99
52) Dibromchloromethane	17.573	129	437750m	9.61	ppbv		
53) 1,2-Dibromoethane	18.159	107	662733	10.27	ppbv		99
55) Chlorobenzene	18.963	112	961276	9.53	ppbv	#	100

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

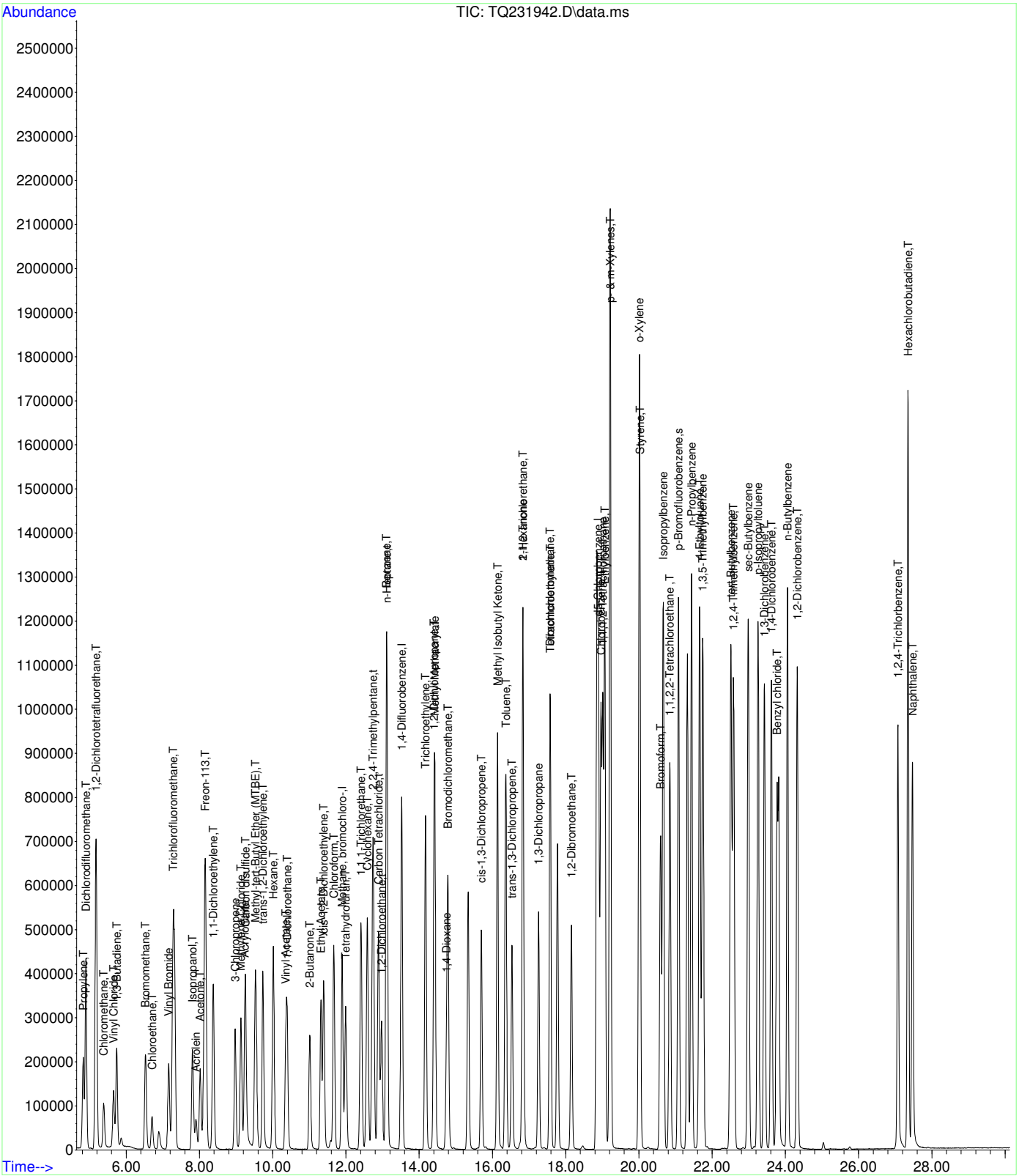
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	516182	9.51	ppbv		93
57) Ethylbenzene	19.073	91	1616583	9.57	ppbv		98
58) p- & m-Xylenes	19.219	91	2496118	19.45	ppbv		98
59) o-Xylene	20.012	91	1192140	9.09	ppbv		99
60) Styrene	20.030	104	908953	9.51	ppbv	#	100
61) Bromoform	20.591	173	708928	10.38	ppbv		99
62) n-Propylbenzene	21.438	91	2147741	10.18	ppbv		99
63) Isopropylbenzene	20.664	105	1688862	9.33	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	922123	9.53	ppbv		100
66) 4-Ethyltoluene	21.658	105	1725066	9.98	ppbv		99
67) 1,3,5-Trimethylbenzene	21.743	105	1416046	9.78	ppbv		98
68) tert-Butylbenzene	22.511	119	1414979	9.22	ppbv	#	83
69) 1,2,4-Trimethylbenzene	22.578	105	1385066	9.48	ppbv	#	93
70) sec-Butylbenzene	22.987	105	1892038	9.11	ppbv		99
71) p-Isopropyltoluene	23.255	119	1511522	9.11	ppbv	#	88
72) 1,3-Dichlorobenzene	23.426	146	943136	10.06	ppbv		99
73) 1,4-Dichlorobenzene	23.621	146	960154	10.01	ppbv		99
74) Benzyl chloride	23.773	91	1167479	10.39	ppbv		99
75) n-Butylbenzene	24.060	91	1434283	9.60	ppbv		99
76) 1,2-Dichlorobenzene	24.322	146	910377	9.75	ppbv		99
77) 1,2,4-Trichlorbenzene	27.078	180	577483	8.81	ppbv		98
78) Hexachlorobutadiene	27.352	225	642102	8.10	ppbv		96
79) Naphthalene	27.474	128	1374339	8.43	ppbv		100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	11.898	49	380859	10.00	ppbv		0.01
38) 1,4-Difluorobenzene	13.519	114	1195855	10.00	ppbv		0.00
54) d5-Chlorobenzene	18.890	117	1054275	10.00	ppbv		0.00
System Monitoring Compounds							
65) p-Bromofluorobenzene	21.079	95	824271	10.29	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.90%				
Target Compounds							Qvalue
2) Propylene	4.826	42	137347	9.25	ppbv		97
3) Dichlorodifluoromethane	4.899	85	749316	10.26	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.173	85	788266	10.54	ppbv		95
5) Chloromethane	5.381	50	215426	9.60	ppbv		99
6) Vinyl Chloride	5.655	62	253669	11.01	ppbv		100
7) 1,3-Butadiene	5.740	54	184727	10.55	ppbv		96
8) Bromomethane	6.527	94	290898	9.93	ppbv		100
9) Chloroethane	6.710	64	121746	9.63	ppbv		95
10) Vinyl Bromide	7.155	106	275807	10.36	ppbv		100
11) Trichlorofluoromethane	7.283	101	778863	10.32	ppbv		100
12) Isopropanol	7.807	45	568984	9.05	ppbv		100
13) Acrolein	7.904	56	120605	9.73	ppbv	#	56
14) Acetone	8.020	43	428036	8.10	ppbv		95
15) Freon-113	8.154	101	643625	10.33	ppbv		100
16) 1,1-Dichloroethylene	8.374	61	489297	9.90	ppbv		99
17) 3-Chloropropene	8.977	41	345655	9.47	ppbv		90
18) Methylene Chloride	9.130	49	340196	9.98	ppbv		99
19) Acrylonitrile	9.233	53	211541	9.55	ppbv	#	94
20) Carbon disulfide	9.252	76	871174	9.86	ppbv		99
21) Methyl-tert-Butyl Ethe...	9.532	73	810830	9.67	ppbv		98
22) trans-1,2-Dichloroethy...	9.727	61	434814	9.77	ppbv		98
23) Hexane	10.020	57	393247	9.13	ppbv		97
24) Vinyl Acetate	10.355	43	546780	7.46	ppbv	#	99
25) 1,1-Dichloroethane	10.398	63	523136	9.61	ppbv		75
26) 2-Butanone	11.014	43	599246	9.68	ppbv		96
27) Ethyl Acetate	11.318	43	705564	9.54	ppbv	#	44
28) cis-1,2-Dichloroethylene	11.392	61	431676	9.12	ppbv		90
29) Chloroform	11.666	83	662424	9.91	ppbv		99
30) Tetrahydrofuran	11.995	42	341671	9.71	ppbv		95
31) 1,1,1-Trichlorethane	12.410	97	667751	9.81	ppbv		100
32) Cyclohexane	12.580	56	448230	9.21	ppbv		96
33) 2,2,4-Trimethylpentane	12.739	57	1372752	9.33	ppbv		98
34) Carbon Tetrachloride	12.891	117	594708	9.48	ppbv		100
35) 1,2-Dichloroethane	12.970	62	423392	9.68	ppbv	#	85
36) Benzene	13.105	78	966223	9.10	ppbv		93
37) n-Heptane	13.117	43	522403	8.91	ppbv	#	75
39) Trichloroethylene	14.171	95	470636	9.78	ppbv		97
40) 1,2-Dichloropropane	14.409	63	355495	9.53	ppbv		97
41) Methyl Methacrylate	14.428	69	330050	9.42	ppbv	#	70
42) 1,4-Dioxane	14.745	88	218068	9.73	ppbv	#	100
43) Bromodichloromethane	14.787	83	723491	9.99	ppbv		99
44) Methyl Isobutyl Ketone	16.141	43	766223	9.56	ppbv	#	55
45) cis-1,3-Dichloropropene	15.696	75	538583	9.51	ppbv		99
46) Toluene	16.372	91	1235362	9.62	ppbv		99
47) trans-1,3-Dichloropropene	16.531	75	469810	9.41	ppbv		99
48) 1,1,2-Trichlorethane	16.836	97	408609	9.74	ppbv		99
49) 2-Hexanone	16.836	43	694224	9.54	ppbv		99
50) 1,3-Dichloropropane	17.262	76	539902	9.82	ppbv	#	72
51) Tetrachloroethylene	17.579	166	596364	9.56	ppbv		99
52) Dibromchloromethane	17.573	129	437750m	9.61	ppbv		
53) 1,2-Dibromoethane	18.159	107	662733	10.27	ppbv		99
55) Chlorobenzene	18.963	112	961276	9.53	ppbv	#	100

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2

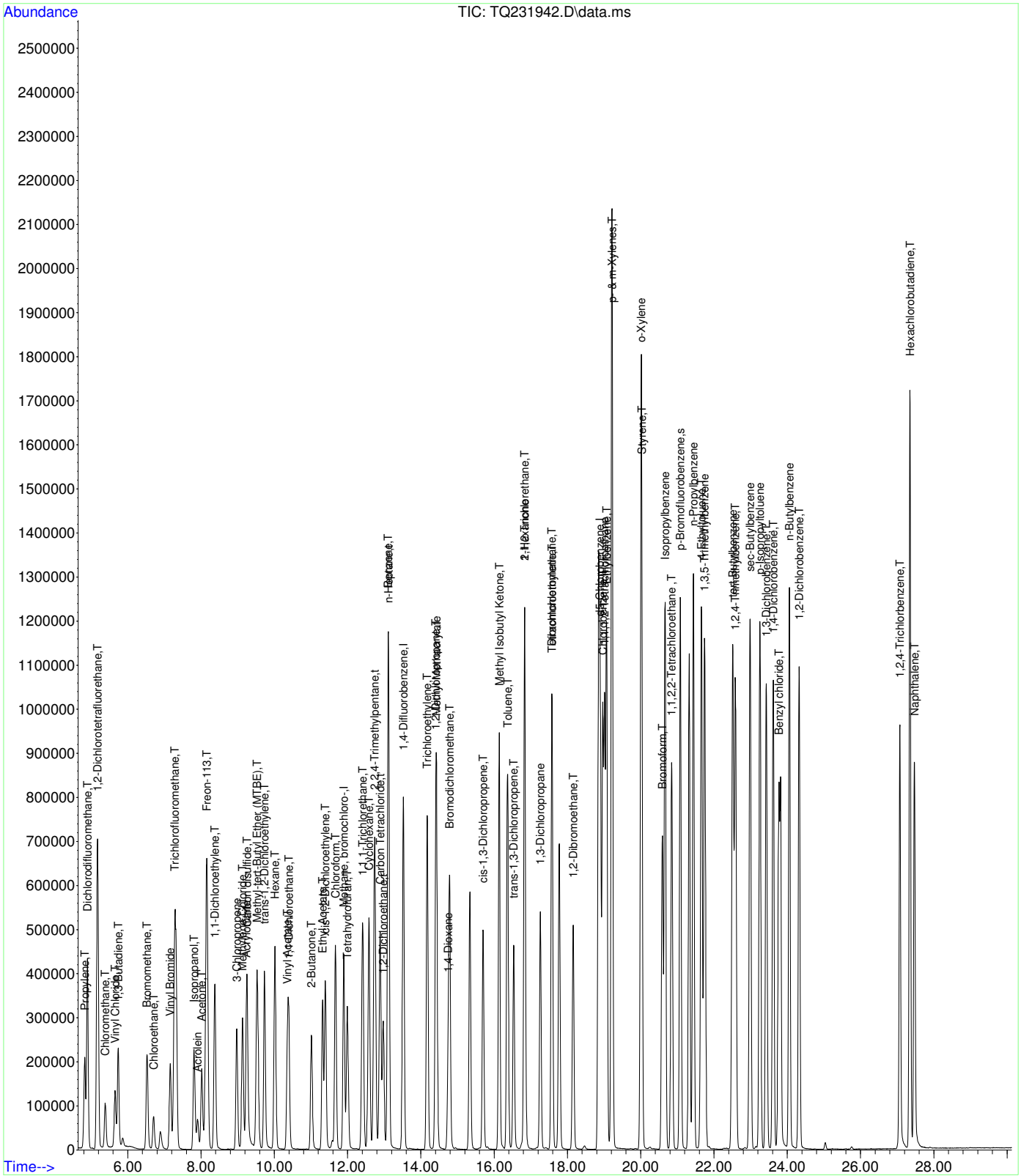
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	19.012	131	516182	9.51	ppbv		93
57) Ethylbenzene	19.073	91	1616583	9.57	ppbv		98
58) p- & m-Xylenes	19.219	91	2496118	19.45	ppbv		98
59) o-Xylene	20.012	91	1192140	9.09	ppbv		99
60) Styrene	20.030	104	908953	9.51	ppbv	#	100
61) Bromoform	20.591	173	708928	10.38	ppbv		99
62) n-Propylbenzene	21.438	91	2147741	10.18	ppbv		99
63) Isopropylbenzene	20.664	105	1688862	9.33	ppbv		98
64) 1,1,2,2-Tetrachloroeth...	20.841	83	922123	9.53	ppbv		100
66) 4-Ethyltoluene	21.658	105	1725066	9.98	ppbv		99
67) 1,3,5-Trimethylbenzene	21.743	105	1416046	9.78	ppbv		98
68) tert-Butylbenzene	22.511	119	1414979	9.22	ppbv	#	83
69) 1,2,4-Trimethylbenzene	22.578	105	1385066	9.48	ppbv	#	93
70) sec-Butylbenzene	22.987	105	1892038	9.11	ppbv		99
71) p-Isopropyltoluene	23.255	119	1511522	9.11	ppbv	#	88
72) 1,3-Dichlorobenzene	23.426	146	943136	10.06	ppbv		99
73) 1,4-Dichlorobenzene	23.621	146	960154	10.01	ppbv		99
74) Benzyl chloride	23.773	91	1167479	10.39	ppbv		99
75) n-Butylbenzene	24.060	91	1434283	9.60	ppbv		99
76) 1,2-Dichlorobenzene	24.322	146	910377	9.75	ppbv		99
77) 1,2,4-Trichlorbenzene	27.078	180	577483	8.81	ppbv		98
78) Hexachlorobutadiene	27.352	225	642102	8.10	ppbv		96
79) Naphthalene	27.474	128	1374339	8.43	ppbv		100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\040825\
Data File : TQ231942.D
Acq On : 8 Apr 2025 9:39 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO2040525A
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:30:21 2025
Quant Method : C:\msdchem\1\methods\AIR-2-0090_032825.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Mar 28 08:10:20 2025
Response via : Initial Calibration
InstName : TO15_AIR2



BENCHSHEETS

SDG: 25C1716

CLASS: AIR

METHOD: EPA TO-15

PREPARATION BENCH SHEET : BD50585

Preparation Date: 04/08/2025 08:00

York Analytical Laboratories, Inc. - Stratford

Matrix: Air

Samples And QC:

Lab Number	Analysis	Canister Vacuum (in. Hg) upon receipt	Final Canister Press. (psig) Analysis	Q	Spike	Source ID	Comments
25C1716-01 A	Volatile Organics, EPA TO15 Full List	-5.88	+5.04				
25C1716-02 A	Volatile Organics, EPA TO15 Full List	-6.11	+4.23				
25C1716-03 A	Volatile Organics, EPA TO15 Full List	-13.4	+5.53				
25C1716-04 A	Volatile Organics, EPA TO15 Full List	-6.96	+4.53				
25C1716-05 A	Volatile Organics, EPA TO15 Full List	-7.43	+5.17				
25C1716-06 A	Volatile Organics, EPA TO15 Full List	-5.55	+4.86				
BD50585-BLK1	Volatile Organics, EPA TO15 Full List	NA	NA				
BD50585-BS1	Volatile Organics, EPA TO15 Full List	NA	NA		S25C412		
BD50585-DUP1	Volatile Organics, EPA TO15 Full List	-5.55	+4.86			25C1716-06	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25C412	TO15 AIR LCS/ICV @ 10 ppbv STATIC with ISO	032725_Can#50987	400

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S24I167	TO15 AIR SURR @10 PPBV STATIC	117484684_1594624_FF-4922	100

Preparations Performed by Yamilex Ramos **Date:** **09/16/2024 16:34**

Air Sampling Media Request Form

Canister Order No.: 9716

132-02 89th Avenue
Richmond Hill, NY 11418
TEL: 203-325-1371

Alt Ord No.: 1155873
Order Date: 02/25/2025
Requested By: nlovari

Client **PVE**
Address 48 Springside Avenue
Poughkeepsie,NY 12603
Phone 845-454-2544

Client Contact: Sam Ambrose
Hardware Needed: 03/24/2025
Expected Return Date: 03/27/2025 18:30
Ship Date:

Delivery Method **Drop of Address** **Special Instructons:**
York Courier

Type of Sample

Type	Size	Technique	Flow Rate	Sample Time(hr)	Quantity	IndivCert	Digital Gauge
Canister	6	RestrictedSampling		24	6	NO	NO

Hardware Details

Lab Number	Type	Serial #	Description	Cert Batch No.	Flow Rate (ml/min)
25C1716-01	**6**	**48303**	**Canister**	**11069**	
25C1716-01	**CS1200E**	**20416**	**FlowController**		**3.6**
25C1716-02	**6**	**24058**	**Canister**	**11062**	
25C1716-02	**CS1200ES4**	**19384**	**FlowController**		**3.6**
25C1716-03	**6**	**28314**	**Canister**	**11062**	
25C1716-03	**CS1200ES4**	**19396**	**FlowController**		**3.6**
25C1716-04	**6**	**37794**	**Canister**	**11062**	
25C1716-04	**CS1200E**	**20232**	**FlowController**		**3.6**
25C1716-05	**6**	**42997**	**Canister**	**11068**	
25C1716-05	**CS1200E**	**20458**	**FlowController**		**3.6**
25C1716-06	**6**	**24163**	**Canister**	**11055**	
25C1716-06	**CS1200E**	**20436**	**FlowController**		**3.6**
25C1721-01	6	37000	Canister	11068	
25C1721-01	CS1200E	20451	FlowController		10.8
25C1721-02	6	24254	Canister	11069	
25C1721-02	CS1200E	20438	FlowController		10.8
25C1721-03	6	50376	Canister	11068	
25C1721-03	CS1200ES	13571	FlowController		10.8
25C1721-04	6	18299	Canister	11069	
25C1721-04	CS1200E	20439	FlowController		10.8
25C1721-05	6	34497	Canister	11055	
25C1721-05	CS1200ES4	19428	FlowController		10.8
25C1721-06	6	34496	Canister	11069	
25C1721-06	CS1200E	20233	FlowController		10.8
25C1721-07	6	50378	Canister	11069	
25C1721-07	CS1200ES2	16421	FlowController		10.8
25C1721-08	6	52073	Canister	11069	
25C1721-08	CS1200E2	7087	FlowController		10.8
25C1721-09	6	49981	Canister	11055	
25C1721-09	CS1200E	17895	FlowController		10.8
25C1721-10	6	50305	Canister	11068	
25C1721-10	CS1200ES3	16419	FlowController		10.8
25C1721-11	6	23800	Canister	11069	
25C1721-11	CS1200E	20452	FlowController		10.8
25C1721-12	6	49576	Canister	11068	
25C1721-12	CS1200ES2	16423	FlowController		10.8
25C1721-13	6	50306	Canister	11068	
25C1721-13	CS1200E	20442	FlowController		10.8
	6		Canister		

Air Laboratory Bench Sheet

Batch BD50585 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1716-01	48303	-8.00	-8.00	-5.88 InHg	5.04	1.67	750	0.53	0.89	11069
9716	25C1716-02	24058	-6.00	-6.00	-6.11 InHg	4.23	1.62	750	0.53	0.86	11062
9716	25C1716-03	28314	-14.00	-14.00	-13.41 InHg	5.53	2.49	750	0.53	1.33	11062
9716	25C1716-04	37794	-8.00	-8.00	-6.96 InHg	4.53	1.70	750	0.53	0.91	11062
9716	25C1716-05	42997	-8.00	-9.00	-7.43 InHg	5.17	1.80	750	0.53	0.96	11068
9716	25C1716-06	24163	-6.00	-5.00	-5.55 InHg	4.86	1.63	750	0.53	0.87	11055

Air Laboratory Batch Certfication Report
Canister Order No.(s): 9716

Cleaning Batch: 11055

Cert Run Analysis Date:	03/15/25 17:24	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/18/25	**Cert Run File:**	TV029716.D	**Heating Unit:**	3
Prep Date:	03/14/25 15:03	**Method Blank SN:**	50984	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1716-06	24163	6	-30.00	03/15/25 09:58	-30.00	03/18/25 14:42	NO	YES
QBS	49577	6	-30.00	03/15/25 09:58	-30.00	03/18/25 14:42	YES	YES

Cleaning Batch: 11062

Cert Run Analysis Date:	03/17/25 22:55	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/19/25	**Cert Run File:**	TV029781.D	**Heating Unit:**	3
Prep Date:	03/15/25 15:32	**Method Blank SN:**	50986	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1716-02	24058	6	-30.00	03/17/25 09:40	-30.00	03/19/25 16:05	NO	YES
25C1716-03	28314	6	-30.00	03/17/25 09:40	-30.00	03/19/25 16:05	NO	YES
25C1716-04	37794	6	-30.00	03/17/25 09:40	-30.00	03/19/25 16:05	NO	YES
QBS	50204	6	-30.00	03/17/25 09:40	-30.00	03/19/25 16:05	YES	YES

Cleaning Batch: 11068

Cert Run Analysis Date:	03/19/25 17:42	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/20/25	**Cert Run File:**	TV029831.D	**Heating Unit:**	2
Prep Date:	03/18/25 13:55	**Method Blank SN:**	50986	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1716-05	42997	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:45	NO	YES
QBS	50293	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	YES	YES

Cleaning Batch: 11069

Cert Run Analysis Date:	03/19/25 16:56	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/20/25	**Cert Run File:**	TV029830.D	**Heating Unit:**	4
Prep Date:	03/18/25 14:15	**Method Blank SN:**	50986	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1716-01	48303	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
QBS	37793	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	YES	YES

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.:	11055	**Can Serial No.:**	49577
Lims Batch ID:	BC50169	**Analyst:**	YR
Instrument:	TO15_AIR3	**Analysis Date:**	03/15/25 17:24
File Id:	BC50169-BLKQ	**File Id:**	TV029716.D
Analysis:	VOA, TO15 MASTER		

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11055
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKQ
Analysis: VOA, TO15 MASTER

Can Serial No.: 49577
Analyst: YR
Analysis Date: 03/15/25 17:24
File Id: TV029716.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11055
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKQ
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 49577
Analyst: YR
Analysis Date: 03/15/25 17:24
File Id: TV029716.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031525\
Data File : TV029716.D
Acq On : 15 Mar 2025 05:24 pm
Operator : YR
Sample : BC50169-BLKQ
Misc : QBTO3070324A QBS11055
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

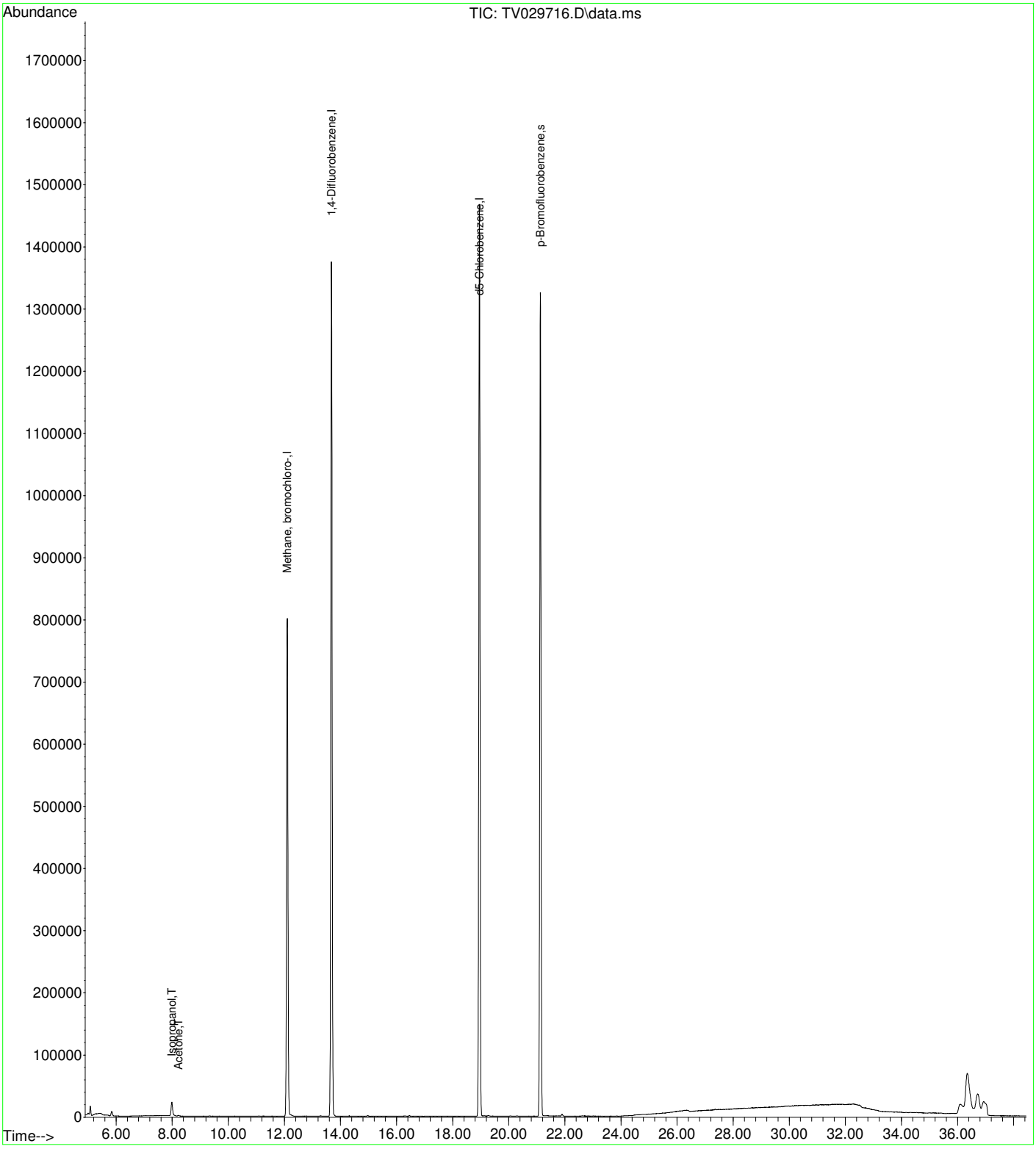
Quant Time: Mar 16 10:26:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

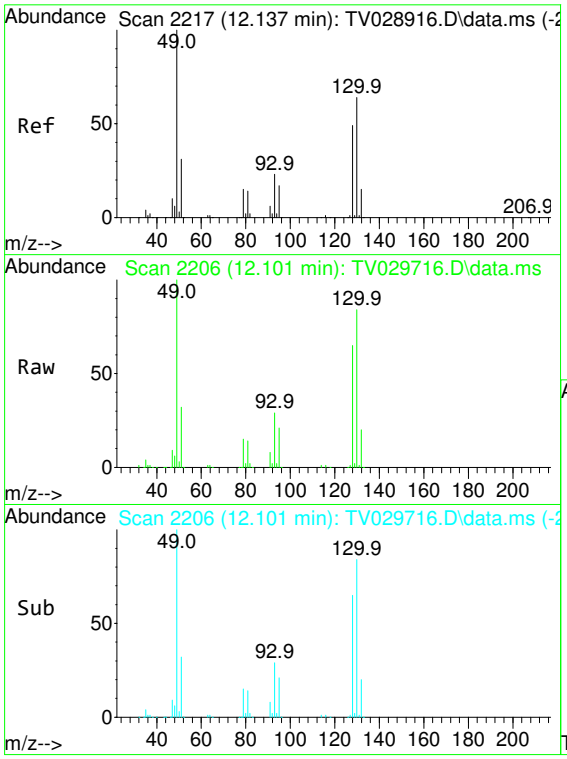
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	617033	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1965816	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.952	117	1570125	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.125	95	907768	0.32	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.20%#		
Target Compounds						Qvalue
13) Isopropanol	7.982	45	49686	0.45	ppbv	100
15) Acetone	8.221	43	2832	0.04	ppbv	85

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

Data Path : C:\MassHunter\GCMS\1\data\031525\
Data File : TV029716.D
Acq On : 15 Mar 2025 05:24 pm
Operator : YR
Sample : BC50169-BLKQ
Misc : QBTO3070324A QBS11055
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 16 10:26:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

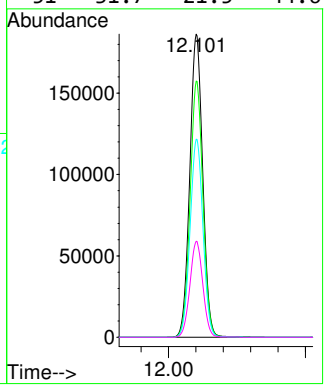


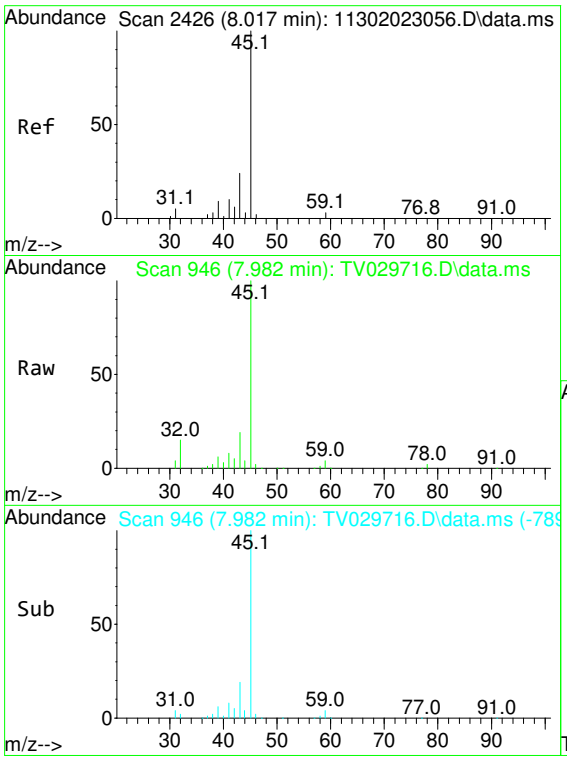


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 49 Resp: 617033

Ion	Ratio	Lower	Upper
49	100		
130	84.0	44.5	92.3
128	65.6	34.7	72.1
51	31.7	21.5	44.6

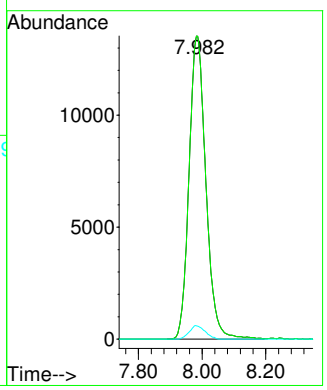


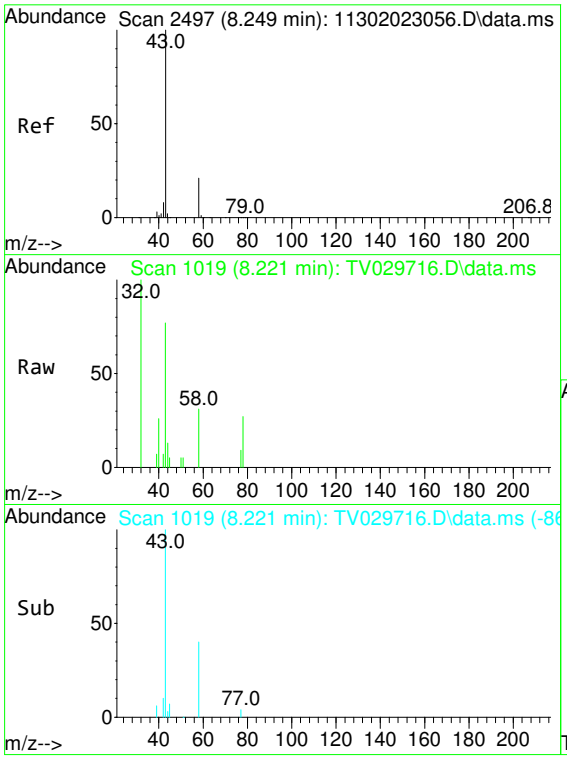


#13
Isopropanol
Concen: 0.45 ppbv
RT: 7.982 min Scan# 946
Delta R.T. 0.013 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 45 Resp: 49686

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.2	0.0	8.4

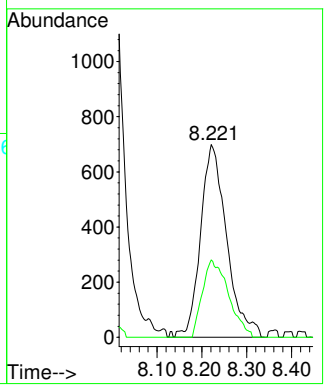


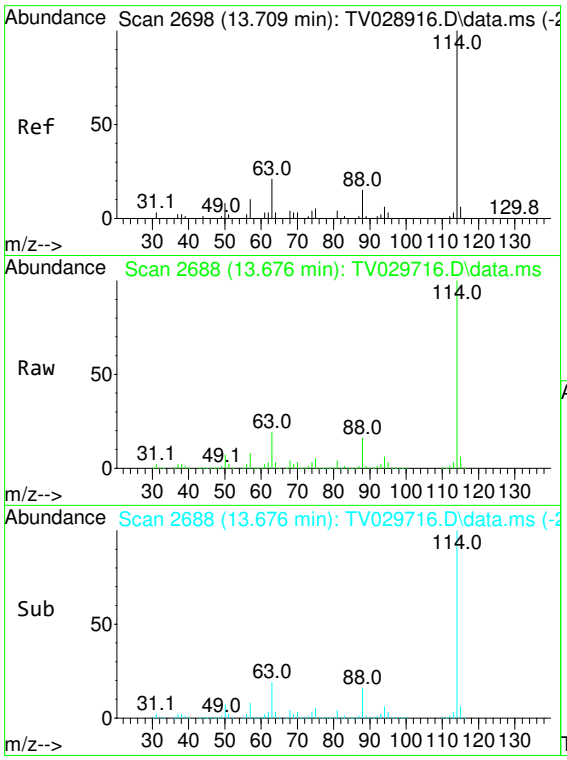


#15
Acetone
Concen: 0.04 ppbv
RT: 8.221 min Scan# 1019
Delta R.T. 0.020 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 43 Resp: 2832

Ion	Ratio	Lower	Upper
43	100		
58	40.0	20.7	42.9

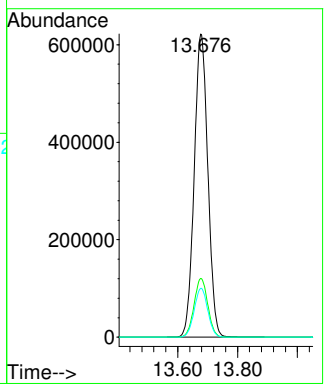


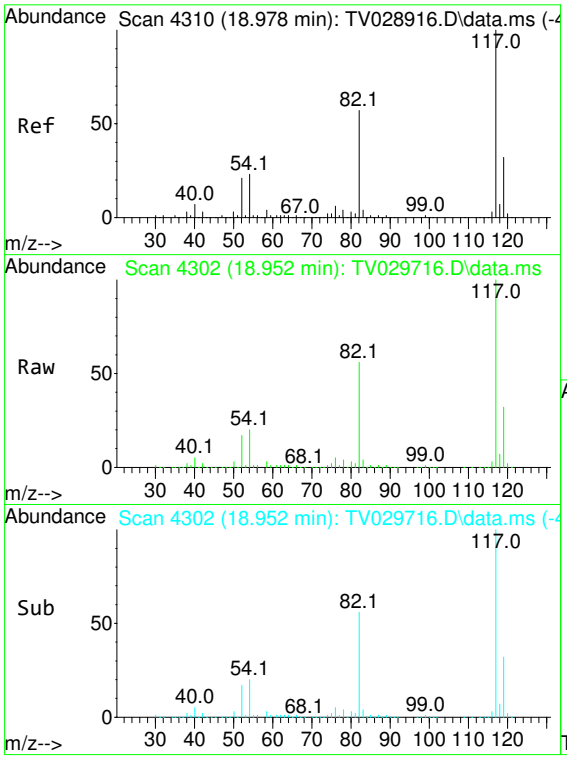


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion:114 Resp: 1965816

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.0	29.2
88	16.1	11.2	23.2

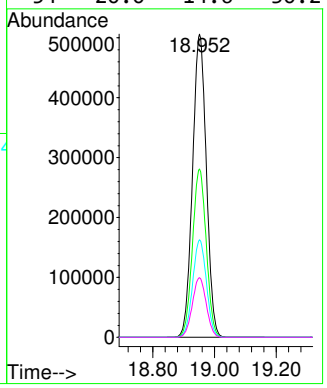


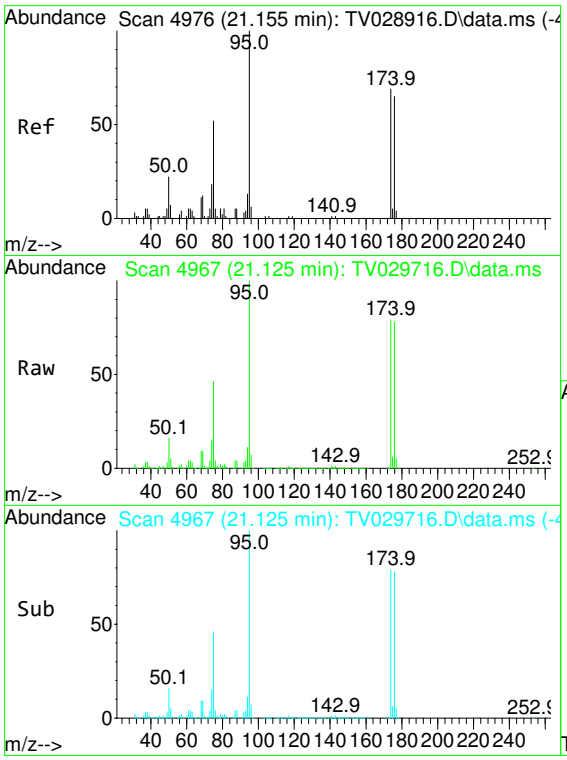


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.952 min Scan# 4302
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion:117 Resp: 1570125

Ion	Ratio	Lower	Upper
117	100		
82	55.5	38.7	80.5
119	32.3	20.3	42.3
54	20.0	14.6	30.2

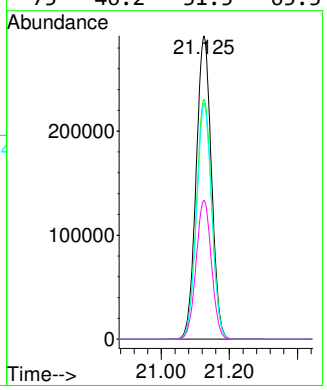




#66
p-Bromofluorobenzene
Concen: 0.32 ppbv
RT: 21.125 min Scan# 4967
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 95 Resp: 907768

Ion	Ratio	Lower	Upper
95	100		
174	79.6	50.0	103.8
176	77.3	48.2	100.2
75	46.2	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11062
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKR
Analysis: VOA, TO15 MASTER

Can Serial No.: 50204
Analyst: YR
Analysis Date: 03/17/25 22:55
File Id: TV029781.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11062
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKR
Analysis: VOA, TO15 MASTER

Can Serial No.: 50204
Analyst: YR
Analysis Date: 03/17/25 22:55
File Id: TV029781.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11062
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKR
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 50204
Analyst: YR
Analysis Date: 03/17/25 22:55
File Id: TV029781.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT/LSC Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031725\
Data File : TV029781.D
Acq On : 17 Mar 2025 10:55 pm
Operator : YR
Sample : BC50169-BLKR
Misc : QBTO3070324A .533X QBS 11062
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

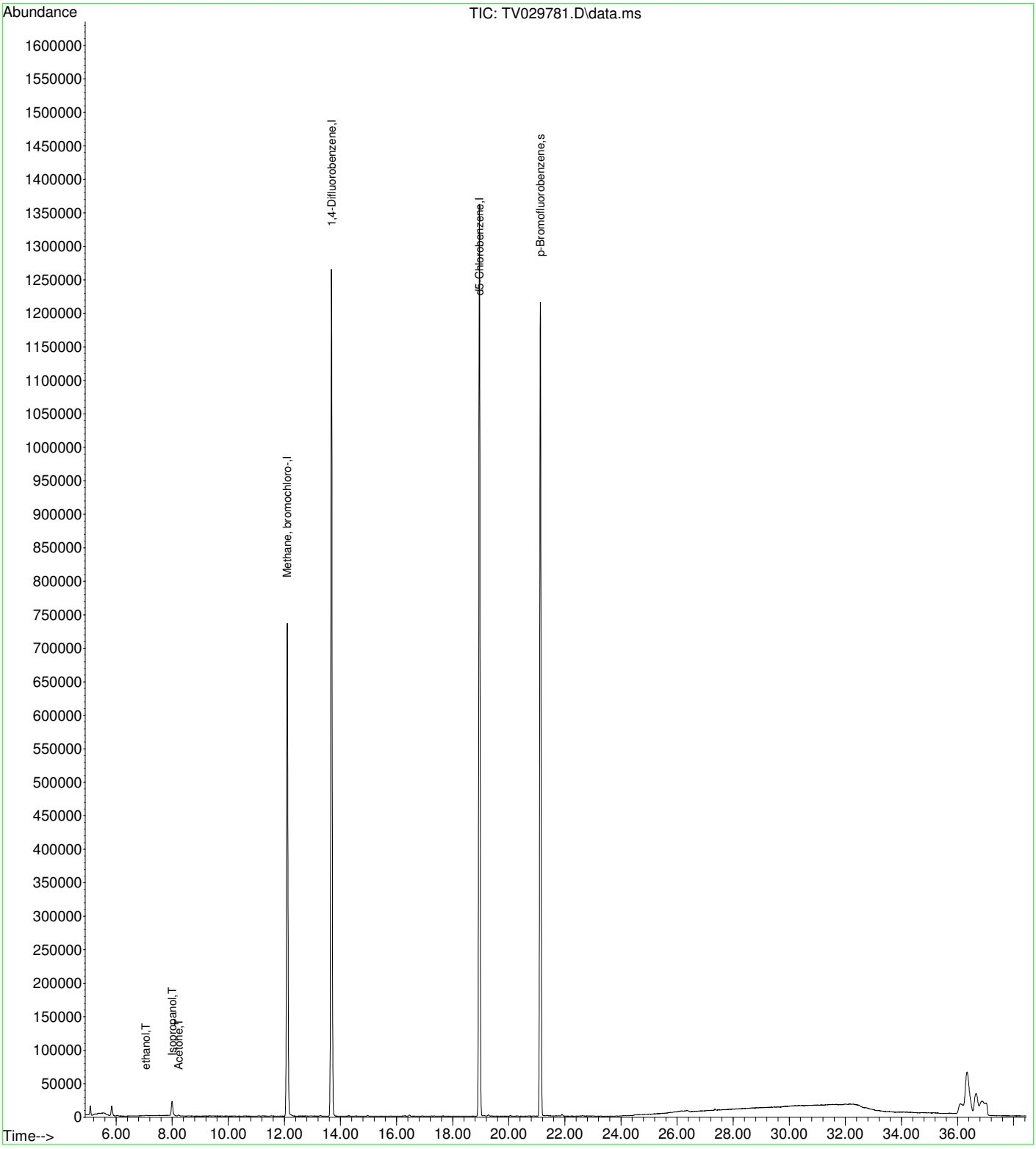
Quant Time: Mar 18 08:43:26 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

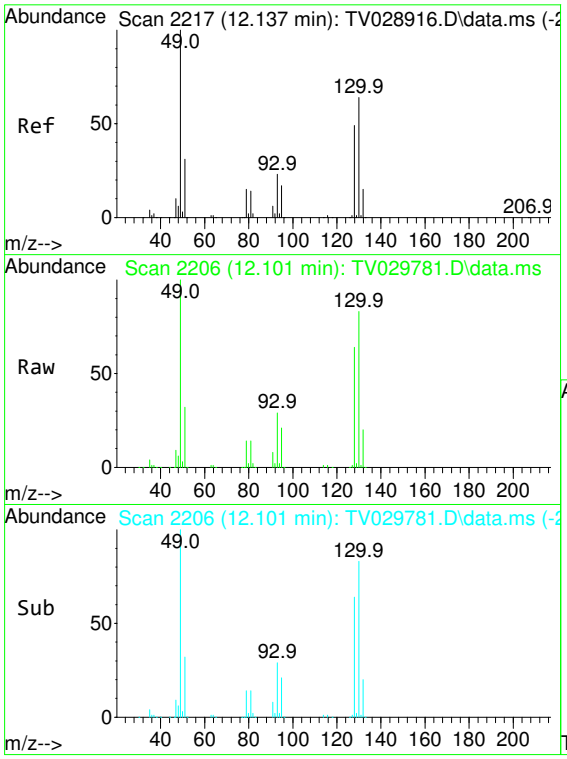
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	578931	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.679	114	1792208	10.00	ppbv	0.00
55) d5-Chlorobenzene	18.952	117	1446124	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.125	95	839497	0.32	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.20%#		
Target Compounds						Qvalue
10) ethanol	7.060	45	648	0.03	ppbv	# 27
13) Isopropanol	7.992	45	49430	0.48	ppbv	100
15) Acetone	8.224	43	3473	0.05	ppbv	# 75

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

Data Path : C:\MassHunter\GCMS\1\data\031725\
Data File : TV029781.D
Acq On : 17 Mar 2025 10:55 pm
Operator : YR
Sample : BC50169-BLKR
Misc : QBTO3070324A .533X QBS 11062
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 18 08:43:26 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

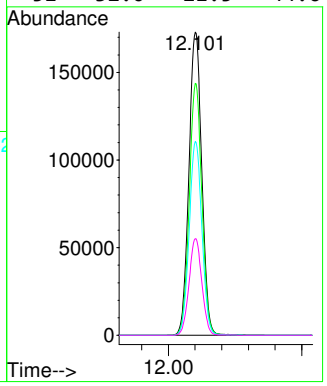


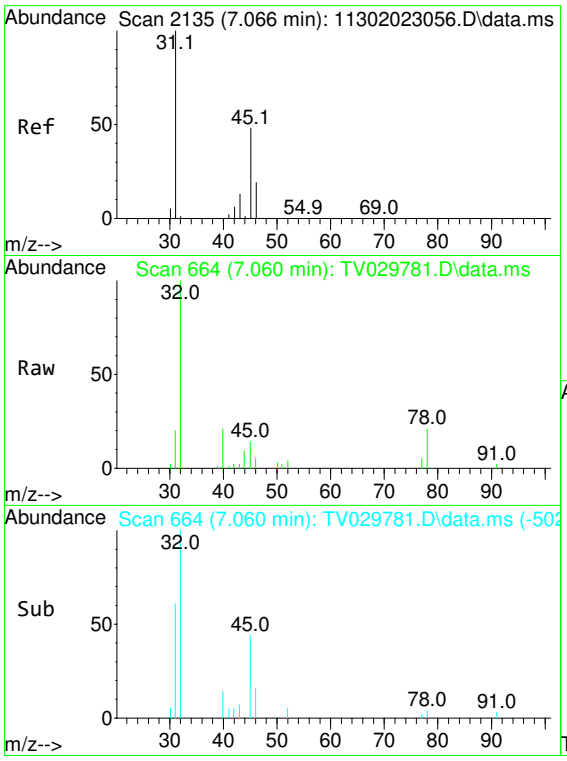


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion: 49 Resp: 578931

Ion	Ratio	Lower	Upper
49	100		
130	81.6	44.5	92.3
128	63.3	34.7	72.1
51	32.0	21.5	44.6

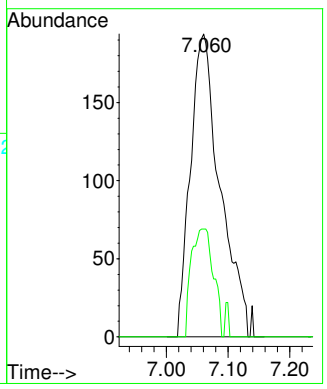


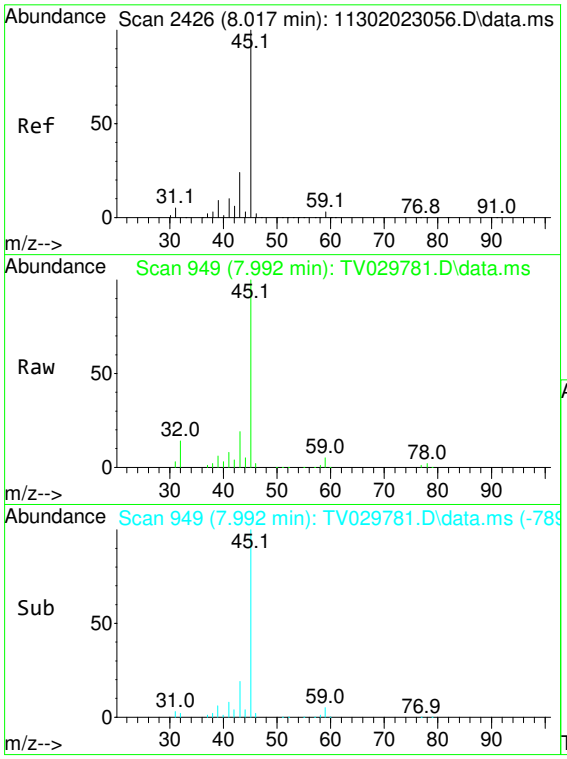


#10
ethanol
Concen: 0.03 ppbv
RT: 7.060 min Scan# 664
Delta R.T. 0.029 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion: 45 Resp: 648

Ion	Ratio	Lower	Upper
45	100		
46	0.0	40.0	60.0#

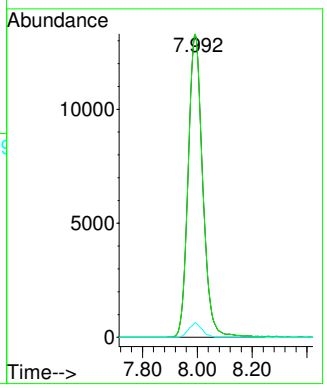


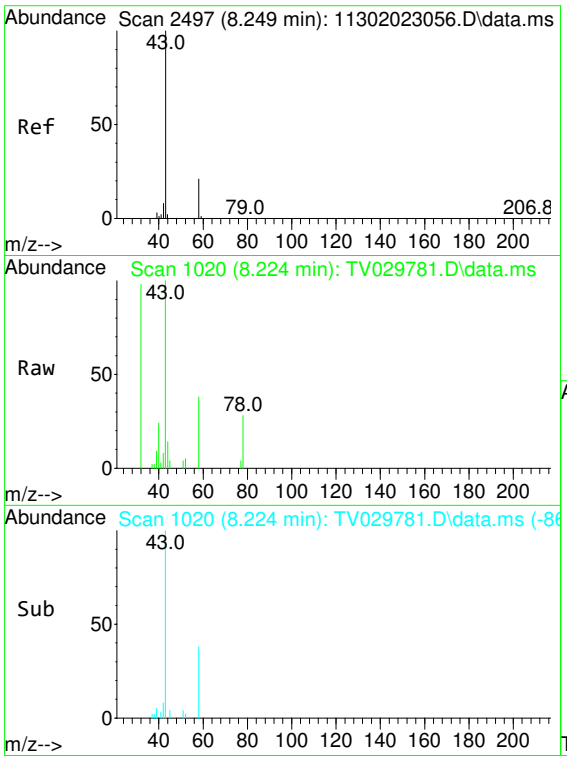


#13
Isopropanol
Concen: 0.48 ppbv
RT: 7.992 min Scan# 949
Delta R.T. 0.023 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion: 45 Resp: 49430

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.4	0.0	8.4

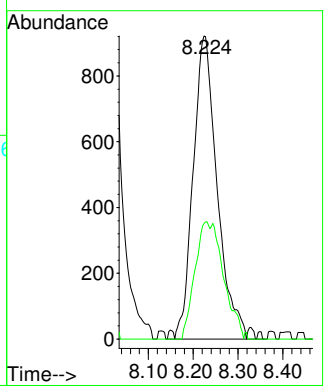


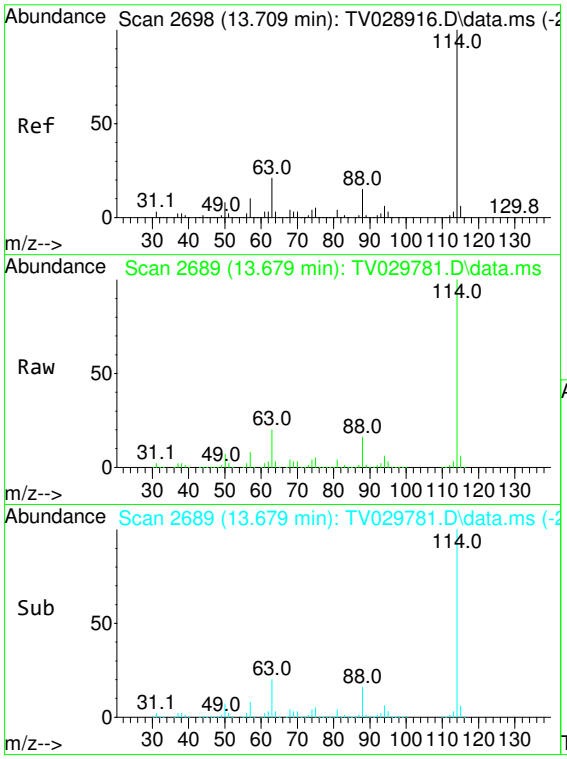


#15
Acetone
Concen: 0.05 ppbv
RT: 8.224 min Scan# 1020
Delta R.T. 0.023 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion: 43 Resp: 3473

Ion	Ratio	Lower	Upper
43	100		
58	45.4	20.7	42.9#

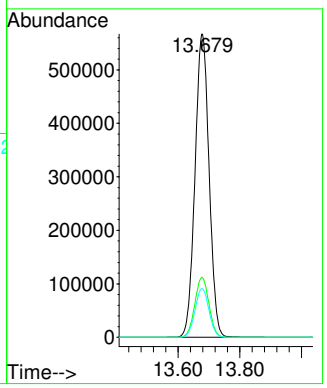


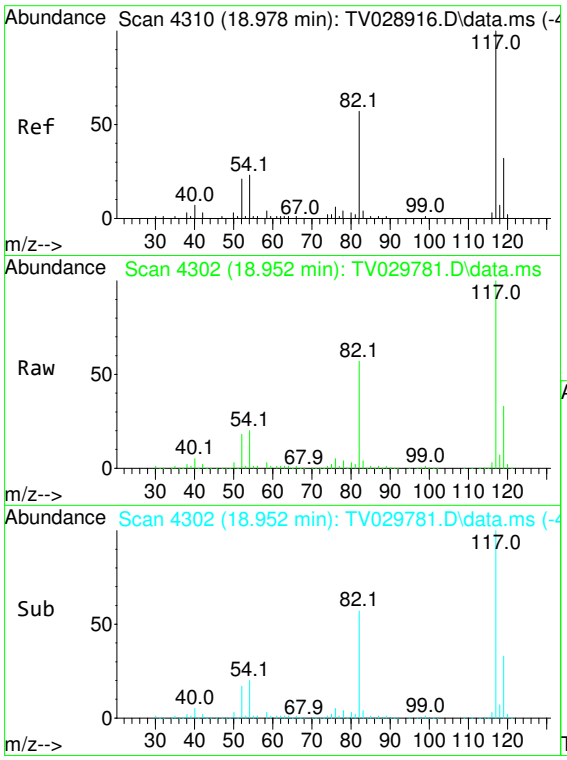


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.679 min Scan# 2689
Delta R.T. -0.010 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion:114 Resp: 1792208

Ion	Ratio	Lower	Upper
114	100		
63	19.9	14.0	29.2
88	16.1	11.2	23.2

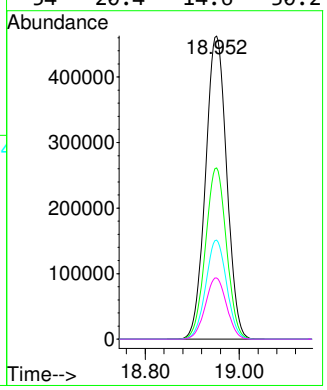


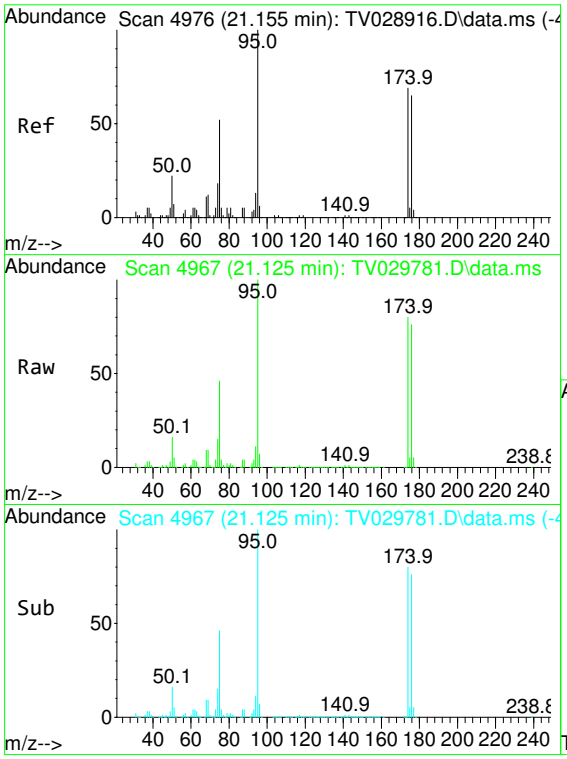


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.952 min Scan# 4302
Delta R.T. -0.010 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion:117 Resp: 1446124

Ion	Ratio	Lower	Upper
117	100		
82	56.0	38.7	80.5
119	32.3	20.3	42.3
54	20.4	14.6	30.2

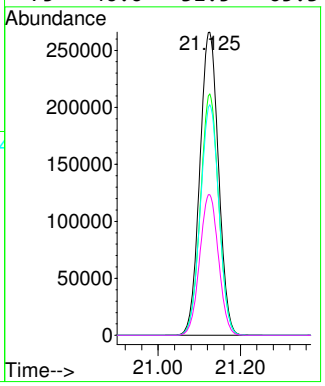




#66
p-Bromofluorobenzene
Concen: 0.32 ppbv
RT: 21.125 min Scan# 4967
Delta R.T. -0.010 min
Lab File: TV029781.D
Acq: 17 Mar 2025 10:55 pm

Tgt Ion: 95 Resp: 839497

Ion	Ratio	Lower	Upper
95	100		
174	77.9	50.0	103.8
176	75.5	48.2	100.2
75	46.6	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.:	11068	**Can Serial No.:**	50293
Lims Batch ID:	BC50169	**Analyst:**	YR
Instrument:	TO15_AIR3	**Analysis Date:**	03/19/25 17:42
File Id:	BC50169-BLKT	**File Id:**	TV029831.D
Analysis:	VOA, TO15 MASTER		

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11068
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKT
Analysis: VOA, TO15 MASTER

Can Serial No.: 50293
Analyst: YR
Analysis Date: 03/19/25 17:42
File Id: TV029831.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11068
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKT
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 50293
Analyst: YR
Analysis Date: 03/19/25 17:42
File Id: TV029831.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029831.D
Acq On : 19 Mar 2025 05:42 pm
Operator : YR
Sample : BC50169-BLKT
Misc : QBTO3070324A QBS 11068
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

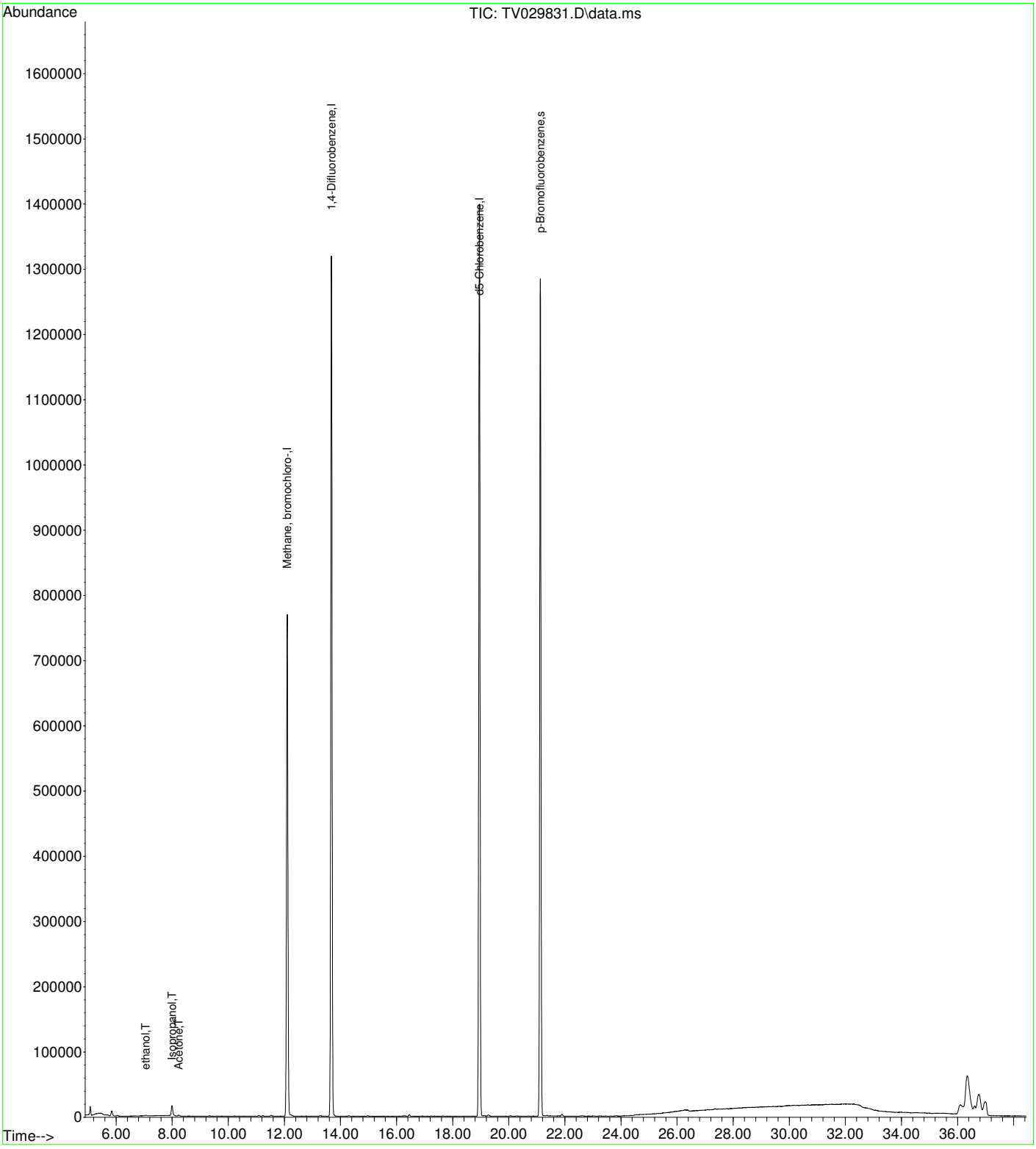
Quant Time: Mar 19 18:34:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

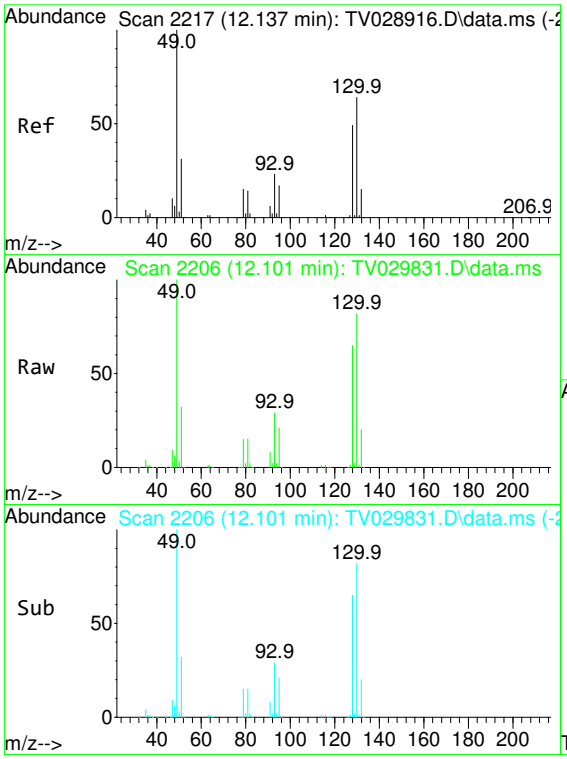
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	600414	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1865281	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.952	117	1479181	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.122	95	882629	0.33	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.048	45	860	0.03	ppbv #	27
13) Isopropanol	7.989	45	34627	0.32	ppbv	100
15) Acetone	8.224	43	3263	0.05	ppbv #	59

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

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029831.D
Acq On : 19 Mar 2025 05:42 pm
Operator : YR
Sample : BC50169-BLKT
Misc : QBTO3070324A QBS 11068
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 19 18:34:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

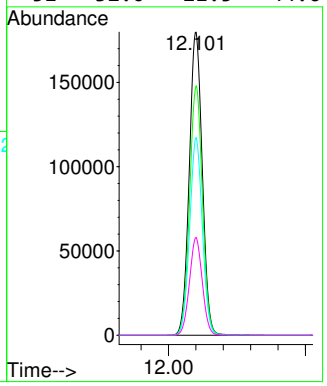


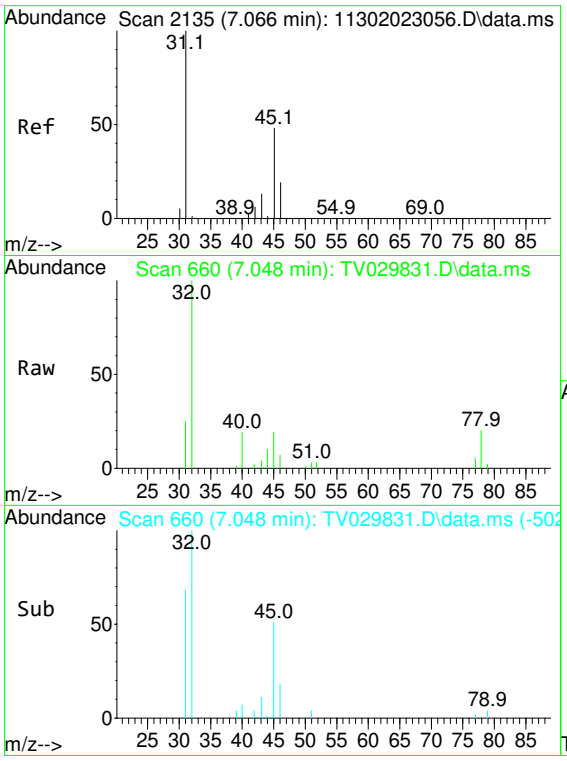


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 49 Resp: 600414

Ion	Ratio	Lower	Upper
49	100		
130	81.6	44.5	92.3
128	63.9	34.7	72.1
51	32.0	21.5	44.6

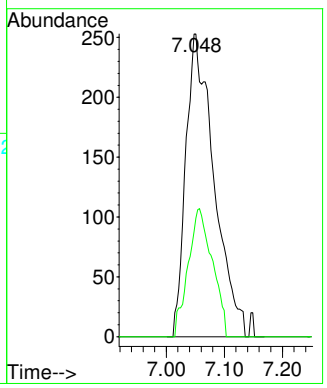


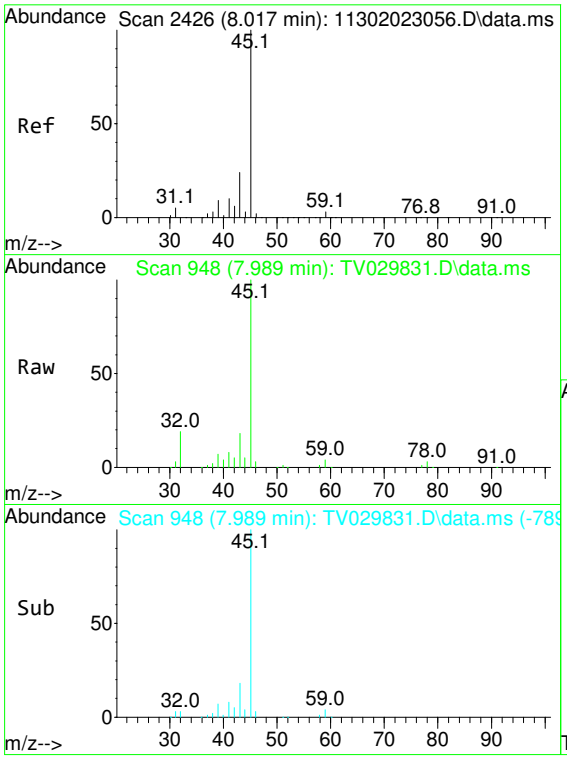


#10
ethanol
Concen: 0.03 ppbv
RT: 7.048 min Scan# 660
Delta R.T. 0.016 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 45 Resp: 860

Ion	Ratio	Lower	Upper
45	100		
46	0.0	40.0	60.0#

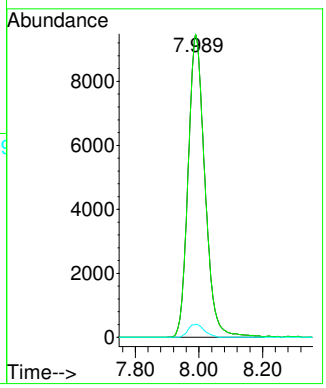


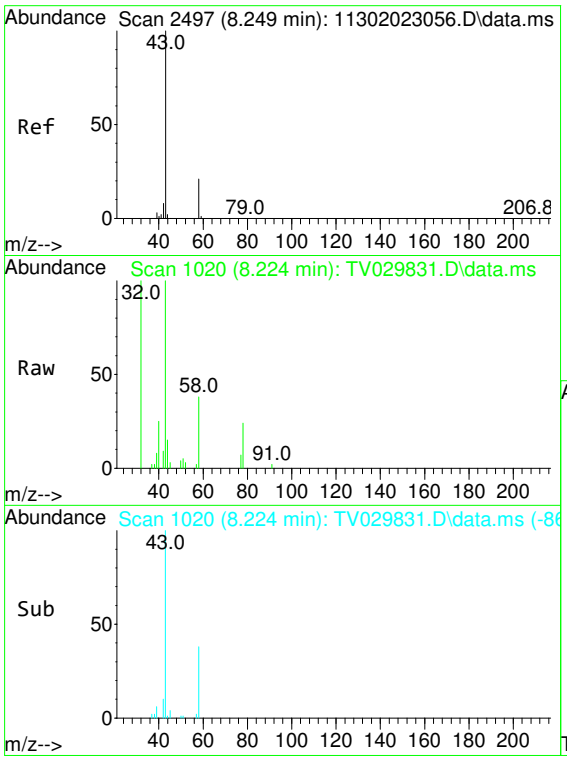


#13
Isopropanol
Concen: 0.32 ppbv
RT: 7.989 min Scan# 948
Delta R.T. 0.020 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 45 Resp: 34627

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.2	0.0	8.4

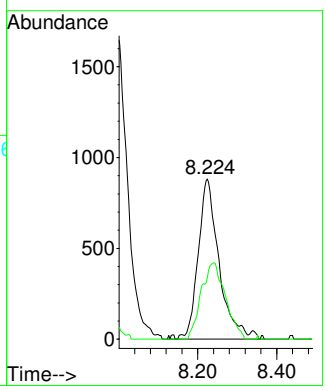


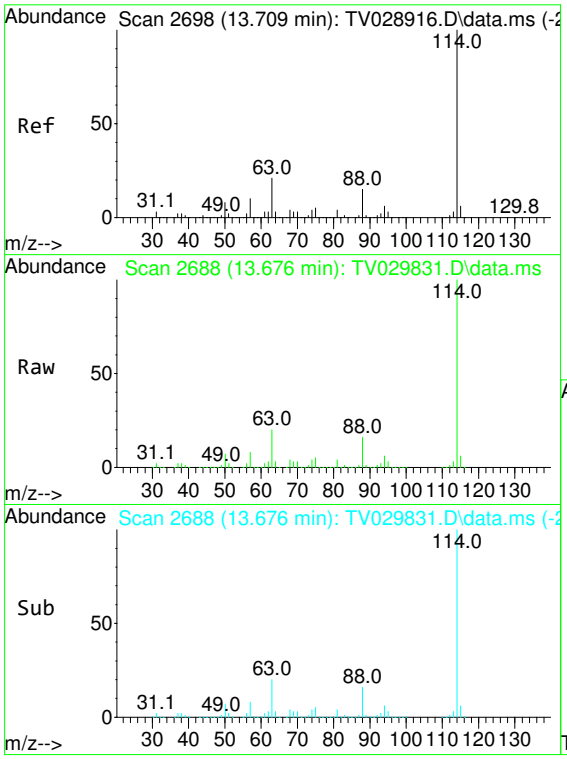


#15
Acetone
Concen: 0.05 ppbv
RT: 8.224 min Scan# 1020
Delta R.T. 0.023 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 43 Resp: 3263

Ion	Ratio	Lower	Upper
43	100		
58	54.8	20.7	42.9#

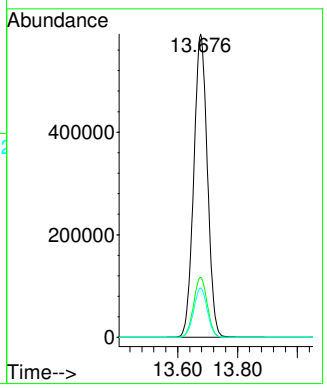


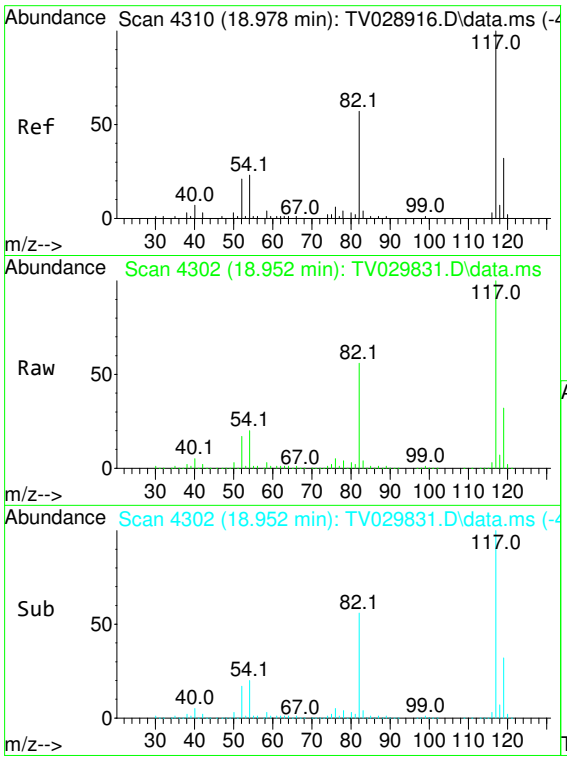


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion:114 Resp: 1865281

Ion	Ratio	Lower	Upper
114	100		
63	19.9	14.0	29.2
88	16.2	11.2	23.2

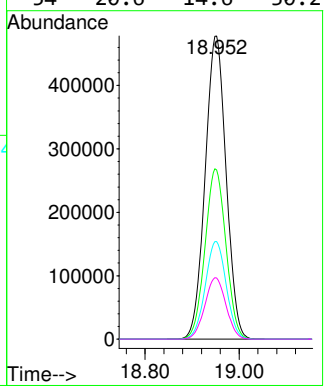


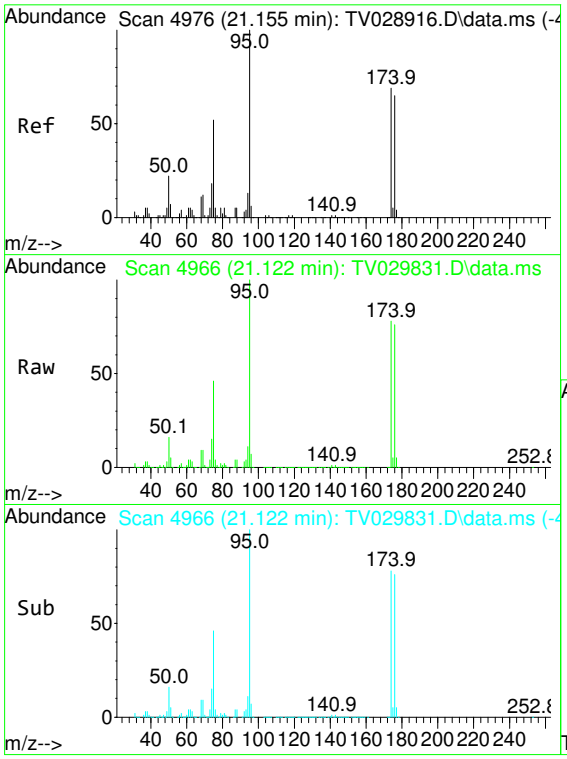


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.952 min Scan# 4302
Delta R.T. -0.010 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion:117 Resp: 1479181

Ion	Ratio	Lower	Upper
117	100		
82	56.1	38.7	80.5
119	32.3	20.3	42.3
54	20.6	14.6	30.2

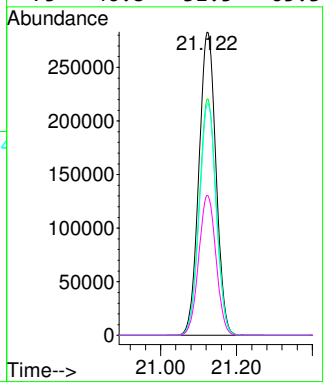




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.122 min Scan# 4966
Delta R.T. -0.013 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 95 Resp: 882629

Ion	Ratio	Lower	Upper
95	100		
174	77.7	50.0	103.8
176	75.7	48.2	100.2
75	46.8	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: VOA, TO15 MASTER

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: VOA, TO15 MASTER

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029830.D
Acq On : 19 Mar 2025 04:56 pm
Operator : YR
Sample : BC50169-BLKS
Misc : QBTO3070324A QBS 11069
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 19 18:33:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	616263	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1888873	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1554844	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.122	95	948291	0.33	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.041	45	11747	0.45	ppbv	89
13) Isopropanol	7.989	45	37820	0.34	ppbv	100
15) Acetone	8.217	43	4505	0.06	ppbv	89

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

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029830.D
Acq On : 19 Mar 2025 04:56 pm
Operator : YR
Sample : BC50169-BLKS
Misc : QBTO3070324A QBS 11069
ALS Vial : 1 Sample Multiplier: 1
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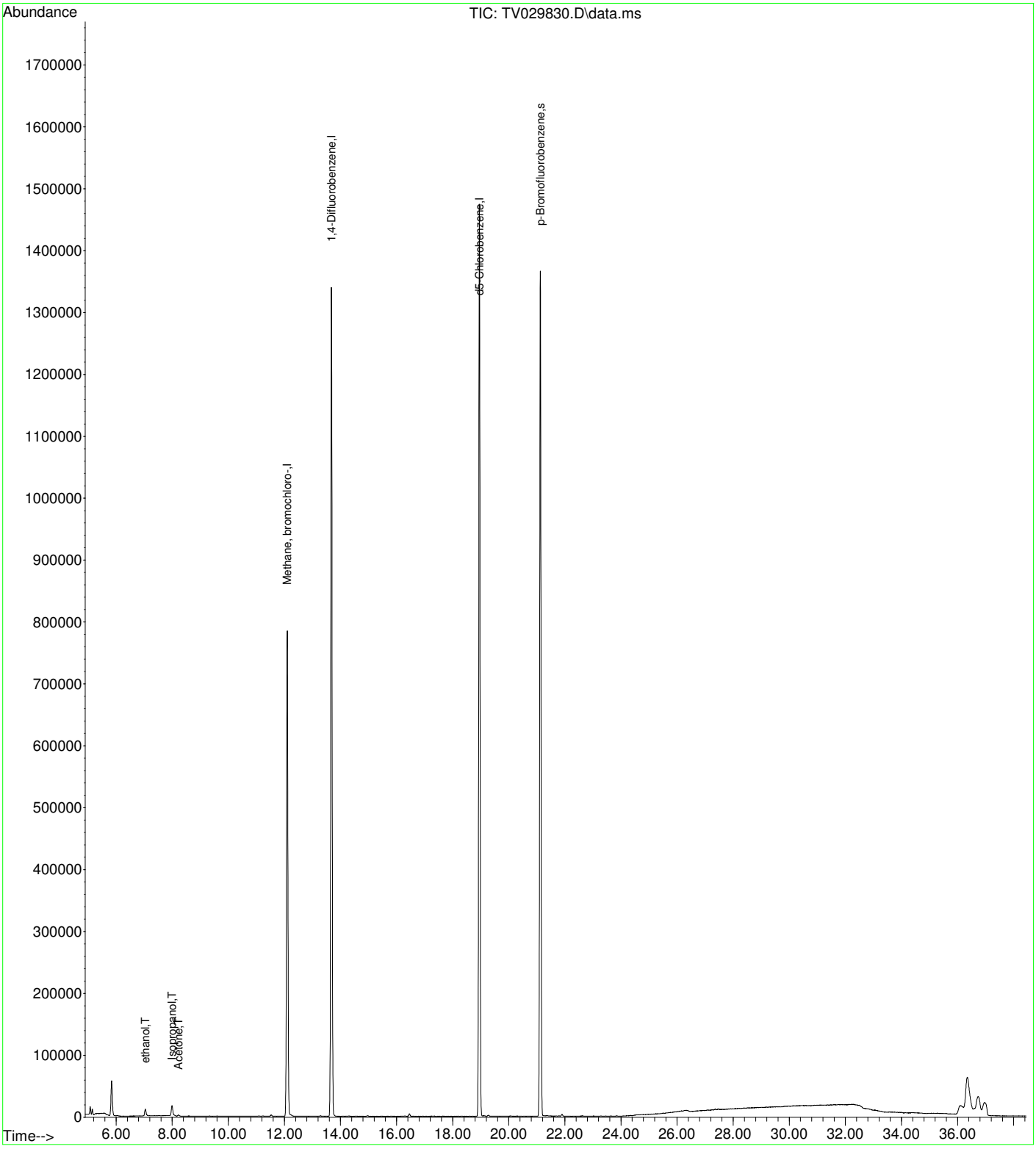
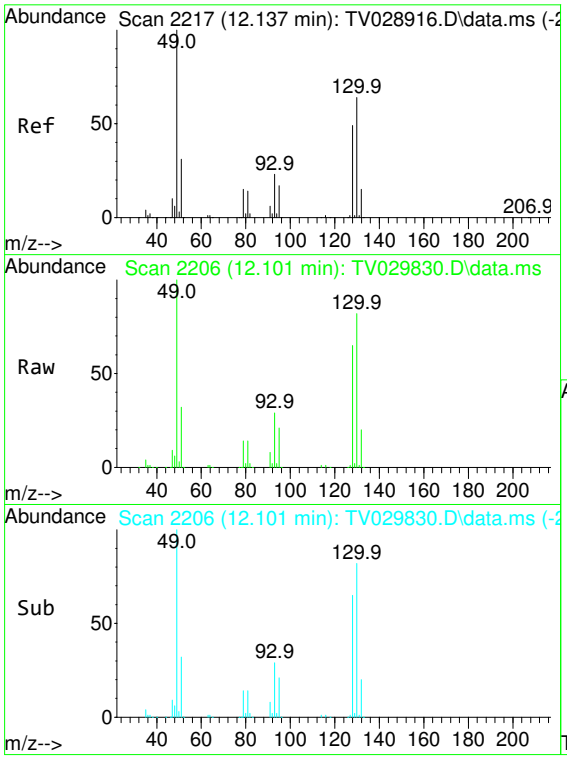
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

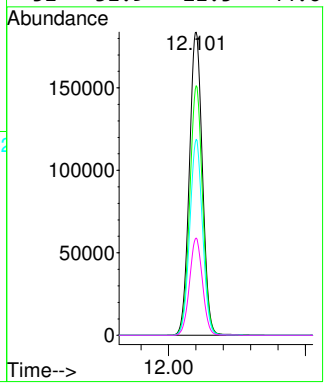


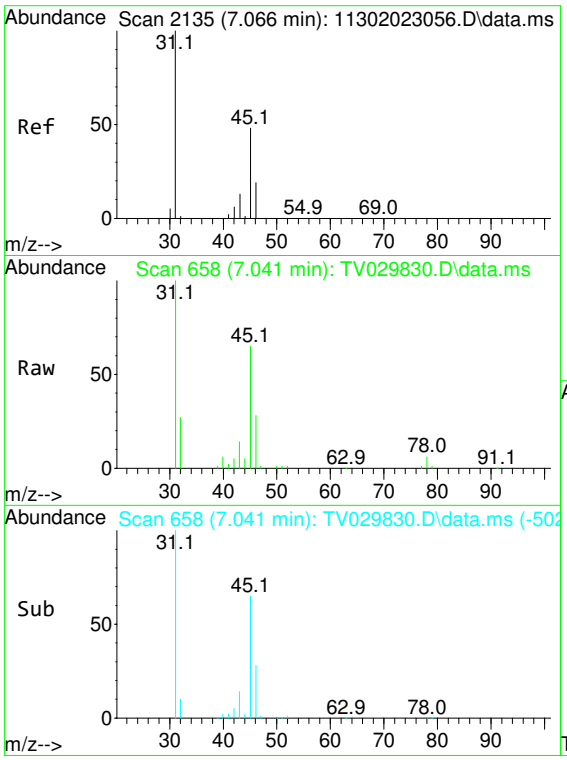


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 49 Resp: 616263

Ion	Ratio	Lower	Upper
49	100		
130	81.1	44.5	92.3
128	63.3	34.7	72.1
51	31.9	21.5	44.6

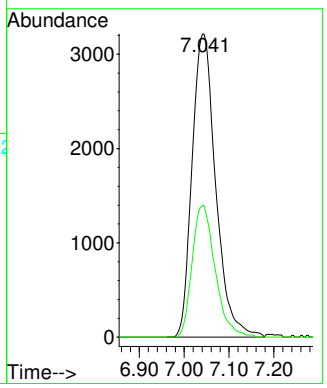


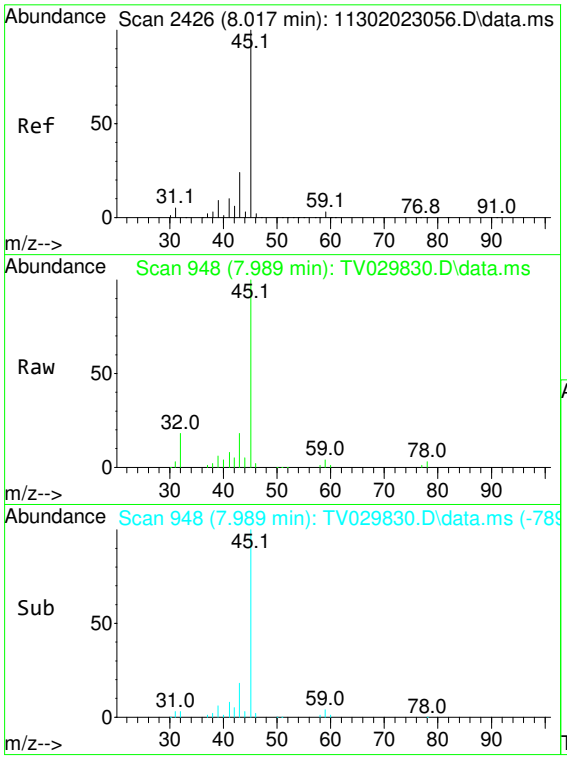


#10
ethanol
Concen: 0.45 ppbv
RT: 7.041 min Scan# 658
Delta R.T. 0.010 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 45 Resp: 11747

Ion	Ratio	Lower	Upper
45	100		
46	42.3	40.0	60.0

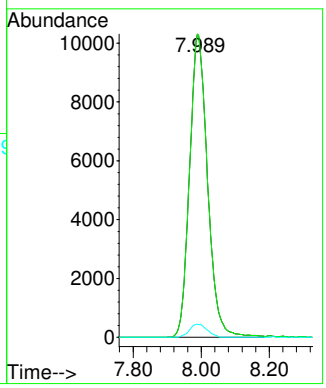


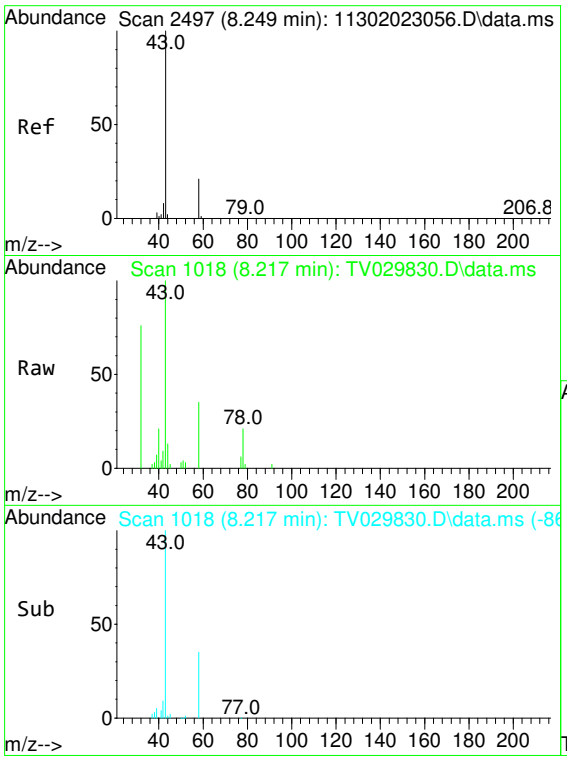


#13
Isopropanol
Concen: 0.34 ppbv
RT: 7.989 min Scan# 948
Delta R.T. 0.019 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 45 Resp: 37820

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.3	0.0	8.4

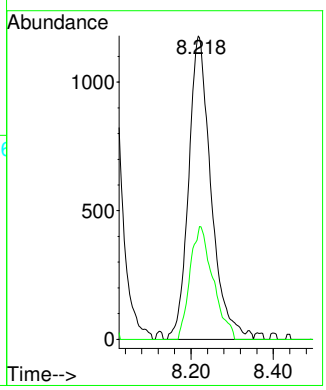


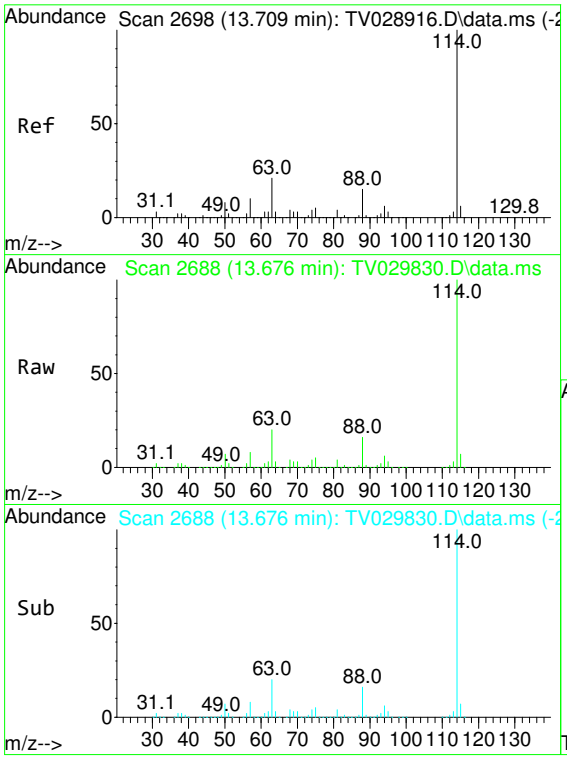


#15
Acetone
Concen: 0.06 ppbv
RT: 8.217 min Scan# 1018
Delta R.T. 0.016 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 43 Resp: 4505

Ion	Ratio	Lower	Upper
43	100		
58	37.7	20.7	42.9

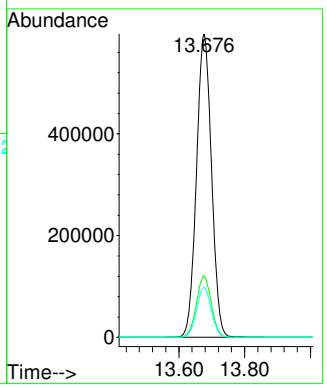


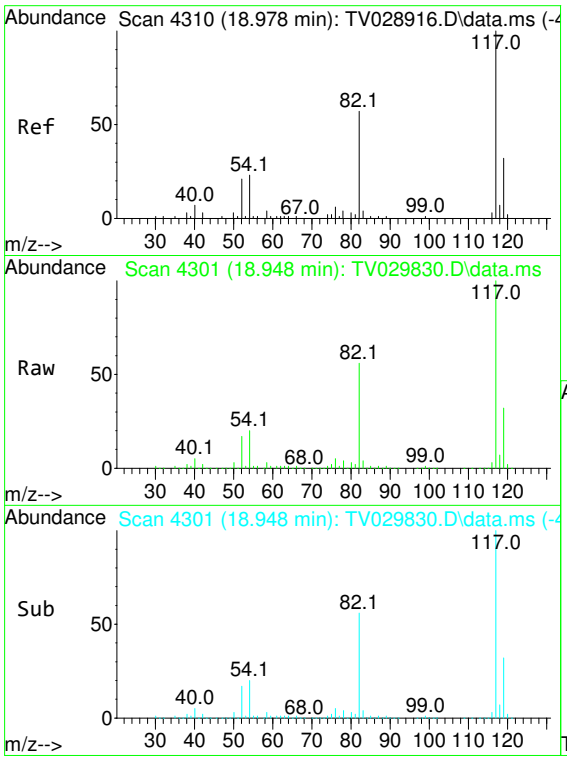


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion:114 Resp: 1888873

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.0	29.2
88	16.2	11.2	23.2

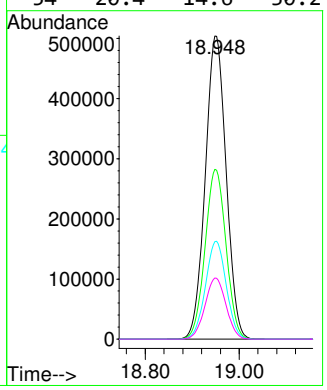


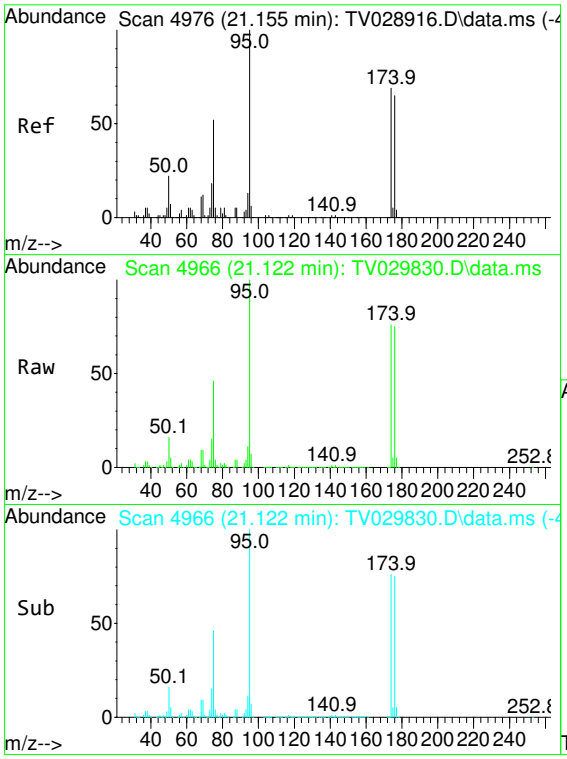


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion:117 Resp: 1554844

Ion	Ratio	Lower	Upper
117	100		
82	56.2	38.7	80.5
119	32.2	20.3	42.3
54	20.4	14.6	30.2

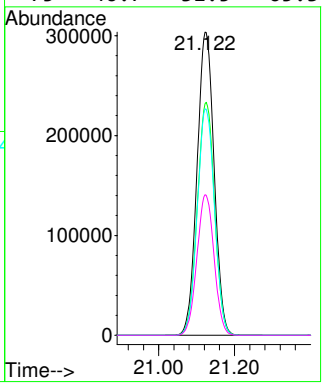




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.122 min Scan# 4966
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 95 Resp: 948291

Ion	Ratio	Lower	Upper
95	100		
174	77.5	50.0	103.8
176	75.3	48.2	100.2
75	46.7	31.5	65.3



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Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1721

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1721

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 27, 2025 and listed below. The project was identified as your project: **20240302**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C1721-01	SSV-1 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-02	AI-1 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-03	SSV-2 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-04	AI-2 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-05	SSV-3 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-06	AI-3 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-07	SSV-4 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-08	AI-4 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-09	SSV-5 20250326	Soil Vapor	03/26/2025	03/27/2025
25C1721-10	AI-5 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-11	AI-6 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-12	AI-7 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1721-13	AO-1 20250326	Outdoor Ambient Air	03/26/2025	03/27/2025

General Notes for York Project (SDG) No.: 25C1721

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/30/2025

CERTIFICATE OF ANALYSIS

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302

Volatile Organic Compounds in Air by GC/MS

Client Sample Id:	Lab Sample Id:	Matrix:
SSV-1 20250326	25C1721-01	Soil Vapor
AI-1 20250326	25C1721-02	Indoor Ambient Air
SSV-2 20250326	25C1721-03	Soil Vapor
AI-2 20250326	25C1721-04	Indoor Ambient Air
SSV-3 20250326	25C1721-05	Soil Vapor
AI-3 20250326	25C1721-06	Indoor Ambient Air
SSV-4 20250326	25C1721-07	Soil Vapor
AI-4 20250326	25C1721-08	Indoor Ambient Air
SSV-5 20250326	25C1721-09	Soil Vapor
AI-5 20250326	25C1721-10	Indoor Ambient Air
AI-6 20250326	25C1721-11	Indoor Ambient Air
AI-7 20250326	25C1721-12	Indoor Ambient Air
AO-1 20250326	25C1721-13	Outdoor Ambient Air

Analyzed by: York Analytical Laboratories, Inc. - Stratford

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:27
Reference Method:	EPA TO-15	**Client ID**	SSV-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-01	1,1,1,2-Tetrachloroethane	ND		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1,1-Trichloroethane	ND		0.90		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1,2,2-Tetrachloroethane	ND		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.3		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1,2-Trichloroethane	ND		0.90		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1-Dichloroethane	ND		0.67		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,1-Dichloroethylene	ND		0.16		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, ICVE	1.2		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2,4-Trimethylbenzene	**2.0**		0.81		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2-Dibromoethane	ND		1.3		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2-Dichlorobenzene	ND		0.99		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2-Dichloroethane	ND		0.67		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2-Dichloropropane	ND		0.76		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,2-Dichlorotetrafluoroethane	ND		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,3,5-Trimethylbenzene	ND		0.81		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,3-Butadiene	ND		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,3-Dichlorobenzene	ND		0.99		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,3-Dichloropropane	ND		0.76		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,4-Dichlorobenzene	ND		0.99		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	1,4-Dioxane	ND		1.2		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	2,2,4-Trimethylpentane	ND		0.38		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	2-Butanone	**4.4**		0.49		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	2-Hexanone	ND		1.3		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	3-Chloropropene	ND		2.6		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	4-Methyl-2-pentanone	**7.8**		0.67		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Acetone	**25**		3.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Acrylonitrile	ND		4.6		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Benzene	**0.89**		0.53		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Benzyl chloride	ND	CAL-E	0.85		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Bromodichloromethane	ND		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Bromoform	ND		1.7		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Bromomethane	ND		0.64		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Carbon disulfide	ND		0.51		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Carbon tetrachloride	**0.83**		0.26		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Chlorobenzene	ND		0.76		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Chloroethane	ND		0.43		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Chloroform	ND		0.80		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Chloromethane	**1.3**		0.34		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	cis-1,2-Dichloroethylene	ND		0.16		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	cis-1,3-Dichloropropylene	ND		0.75		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Cyclohexane	ND		0.57		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Dibromochloromethane	ND		1.4		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Dichlorodifluoromethane	**3.7**		0.81		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Ethyl acetate	**20**		1.2		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Ethyl Benzene	**5.0**		0.71		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Hexachlorobutadiene	ND		1.8		1.645	ug/m³	4/21/25 1:33 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:27
Reference Method:	EPA TO-15	**Client ID**	SSV-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-01	Isopropanol	**18**	CAL-E	2.4		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Methyl Methacrylate	ND		0.67		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Methyl tert-butyl ether (MTBE)	ND		0.59		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Methylene chloride	ND		3.4		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Naphthalene	ND	CAL-E	1.7		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	n-Heptane	**0.88**		0.67		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	n-Hexane	**0.87**		0.58		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	o-Xylene	**3.4**		0.71		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	p- & m- Xylenes	**13**		1.4		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	p-Ethyltoluene	**1.9**		0.81		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Propylene	**0.71**		0.28		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Styrene	ND		0.70		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Tetrachloroethylene	**1.1**		1.1		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Tetrahydrofuran	ND		0.97		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Toluene	**85**		0.62		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	trans-1,2-Dichloroethylene	ND		0.65		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	trans-1,3-Dichloropropylene	ND		0.75		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Trichloroethylene	ND		0.22		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Trichlorofluoromethane (Freon 11)	**1.9**		0.92		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Vinyl acetate	ND	ICVE	0.58		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Vinyl bromide	ND		0.72		1.645	ug/m³	4/21/25 1:33 pm
25C1721-01	Vinyl Chloride	ND		0.21		1.645	ug/m³	4/21/25 1:33 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:28
Reference Method:	EPA TO-15	**Client ID**	AI-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-02	1,1,1,2-Tetrachloroethane	ND		0.49		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1,1-Trichloroethane	ND		0.39		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1,2,2-Tetrachloroethane	ND		0.49		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.60**		0.55		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1,2-Trichloroethane	ND		0.39		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1-Dichloroethane	ND		0.29		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,1-Dichloroethylene	ND		0.071		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.53		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2,4-Trimethylbenzene	**0.49**		0.35		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2-Dibromoethane	ND		0.55		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2-Dichlorobenzene	ND		0.43		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2-Dichloroethane	ND		0.29		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2-Dichloropropane	ND		0.33		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,2-Dichlorotetrafluoroethane	ND		0.50		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,3,5-Trimethylbenzene	ND		0.35		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,3-Butadiene	ND		0.47		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,3-Dichlorobenzene	ND		0.43		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,3-Dichloropropane	ND		0.33		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,4-Dichlorobenzene	ND		0.43		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	1,4-Dioxane	ND		0.52		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	2,2,4-Trimethylpentane	**2.0**		0.17		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	2-Butanone	**2.0**		0.21		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	2-Hexanone	ND		0.59		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	3-Chloropropene	ND		1.1		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	4-Methyl-2-pentanone	**0.88**		0.29		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Acetone	**49**		1.4		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Acrylonitrile	**3.9**		2.0		0.715	ug/m³	4/21/25 6:32 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:28
Reference Method:	EPA TO-15	**Client ID**	AI-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-02	Benzene	**2.0**		0.23		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Benzyl chloride	ND	CAL-E	0.37		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Bromodichloromethane	ND		0.48		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Bromoform	ND		0.74		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Bromomethane	ND		0.28		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Carbon disulfide	ND		0.22		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Carbon tetrachloride	**0.49**		0.11		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Chlorobenzene	ND		0.33		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Chloroethane	ND		0.19		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Chloroform	ND		0.35		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Chloromethane	**1.2**		0.15		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	cis-1,2-Dichloroethylene	ND		0.071		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	cis-1,3-Dichloropropylene	ND		0.32		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Cyclohexane	**0.47**		0.25		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Dibromochloromethane	ND		0.61		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Dichlorodifluoromethane	**2.5**		0.35		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Ethyl acetate	**79**		0.52		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Ethyl Benzene	**1.4**		0.31		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Hexachlorobutadiene	ND		0.76		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Isopropanol	**12**	CAL-E	1.1		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Methyl Methacrylate	**0.79**		0.29		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Methyl tert-butyl ether (MTBE)	ND		0.26		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Methylene chloride	ND		1.5		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Naphthalene	ND	CAL-E	0.75		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	n-Heptane	**5.5**		0.29		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	n-Hexane	**1.5**		0.25		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	o-Xylene	**0.96**		0.31		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	p- & m- Xylenes	**3.0**		0.62		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	p-Ethyltoluene	**0.46**		0.35		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Propylene	**1.6**		0.12		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Styrene	**0.40**		0.30		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Tetrachloroethylene	**0.48**		0.48		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Tetrahydrofuran	ND		0.42		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Toluene	**13**		0.27		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	trans-1,2-Dichloroethylene	ND		0.28		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	trans-1,3-Dichloropropylene	ND		0.32		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Trichloroethylene	ND		0.096		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Trichlorofluoromethane (Freon 11)	**1.4**		0.40		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Vinyl acetate	**0.93**	ICVE	0.25		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Vinyl bromide	ND		0.31		0.715	ug/m³	4/21/25 6:32 pm
25C1721-02	Vinyl Chloride	ND		0.091		0.715	ug/m³	4/21/25 6:32 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:22
Reference Method:	EPA TO-15	**Client ID**	SSV-2 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-03	1,1,1,2-Tetrachloroethane	ND		1.3		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1,1-Trichloroethane	ND		1.0		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1,2,2-Tetrachloroethane	ND		1.3		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.4		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1,2-Trichloroethane	ND		1.0		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1-Dichloroethane	ND		0.74		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,1-Dichloroethylene	ND		0.18		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	1.4		1.824	ug/m³	4/22/25 2:36 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:22
Reference Method:	EPA TO-15	**Client ID**	SSV-2 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-03	1,2,4-Trimethylbenzene	**7.5**		0.90		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2-Dibromoethane	ND		1.4		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2-Dichlorobenzene	ND		1.1		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2-Dichloroethane	ND		0.74		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2-Dichloropropane	ND		0.84		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,2-Dichlorotetrafluoroethane	ND		1.3		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,3,5-Trimethylbenzene	**1.8**		0.90		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,3-Butadiene	ND		1.2		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,3-Dichlorobenzene	ND		1.1		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,3-Dichloropropane	ND		0.84		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,4-Dichlorobenzene	ND		1.1		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	1,4-Dioxane	ND		1.3		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	2,2,4-Trimethylpentane	**1.4**		0.43		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	2-Butanone	**1.0**		0.54		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	2-Hexanone	ND		1.5		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	3-Chloropropene	ND		2.9		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	4-Methyl-2-pentanone	ND		0.75		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Acetone	**7.7**		3.5		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Acrylonitrile	ND		5.1		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Benzene	**0.82**		0.58		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Benzyl chloride	ND	CAL-E	0.94		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Bromodichloromethane	ND		1.2		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Bromoform	ND		1.9		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Bromomethane	ND		0.71		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Carbon disulfide	ND		0.57		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Carbon tetrachloride	**0.46**		0.29		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Chlorobenzene	ND		0.84		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Chloroethane	ND		0.48		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Chloroform	ND		0.89		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Chloromethane	ND		0.38		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	cis-1,2-Dichloroethylene	ND		0.18		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	cis-1,3-Dichloropropylene	ND		0.83		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Cyclohexane	ND		0.63		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Dibromochloromethane	ND		1.6		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Dichlorodifluoromethane	**2.7**		0.90		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Ethyl acetate	**1.4**		1.3		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Ethyl Benzene	**11**		0.79		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Hexachlorobutadiene	ND		1.9		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Isopropanol	**6.8**	CAL-E	2.7		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Methyl Methacrylate	ND		0.75		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Methyl tert-butyl ether (MTBE)	ND		0.66		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Methylene chloride	ND		3.8		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Naphthalene	ND	CAL-E	1.9		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	n-Heptane	**1.1**		0.75		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	n-Hexane	**1.0**		0.64		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	o-Xylene	**5.9**		0.79		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	p- & m- Xylenes	**16**		1.6		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	p-Ethyltoluene	**7.2**		0.90		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Propylene	**0.44**		0.31		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Styrene	ND		0.78		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Tetrachloroethylene	ND		1.2		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Tetrahydrofuran	ND		1.1		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Toluene	**13**		0.69		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	trans-1,2-Dichloroethylene	ND		0.72		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	trans-1,3-Dichloropropylene	ND		0.83		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Trichloroethylene	ND		0.25		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Trichlorofluoromethane (Freon 11)	**1.5**		1.0		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Vinyl acetate	ND	ICVE	0.64		1.824	ug/m³	4/22/25 2:36 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:22
Reference Method:	EPA TO-15	**Client ID**	SSV-2 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-03	Vinyl bromide	ND		0.80		1.824	ug/m³	4/22/25 2:36 pm
25C1721-03	Vinyl Chloride	ND		0.23		1.824	ug/m³	4/22/25 2:36 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:22
Reference Method:	EPA TO-15	**Client ID**	AI-2 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-04	1,1,1,2-Tetrachloroethane	ND		0.50		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1,1-Trichloroethane	ND		0.40		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1,2,2-Tetrachloroethane	ND		0.50		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.61**		0.56		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1,2-Trichloroethane	ND		0.40		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1-Dichloroethane	ND		0.29		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,1-Dichloroethylene	ND		0.072		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.54		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2,4-Trimethylbenzene	**1.6**		0.36		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2-Dibromoethane	ND		0.56		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2-Dichlorobenzene	ND		0.44		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2-Dichloroethane	ND		0.29		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2-Dichloropropane	ND		0.34		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,2-Dichlorotetrafluoroethane	ND		0.51		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,3,5-Trimethylbenzene	**0.89**		0.36		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,3-Butadiene	ND		0.48		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,3-Dichlorobenzene	ND		0.44		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,3-Dichloropropane	ND		0.34		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,4-Dichlorobenzene	ND		0.44		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	1,4-Dioxane	ND		0.52		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	2,2,4-Trimethylpentane	**0.71**		0.17		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	2-Butanone	**2.7**		0.21		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	2-Hexanone	ND		0.59		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	3-Chloropropene	ND		1.1		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	4-Methyl-2-pentanone	**0.50**		0.30		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Acetone	**37**		1.4		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Acrylonitrile	**8.2**		2.0		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Benzene	**1.4**		0.23		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Benzyl chloride	ND	CAL-E	0.38		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Bromodichloromethane	ND		0.49		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Bromoform	ND		0.75		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Bromomethane	ND		0.28		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Carbon disulfide	ND		0.23		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Carbon tetrachloride	**0.55**		0.11		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Chlorobenzene	ND		0.33		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Chloroethane	ND		0.19		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Chloroform	ND		0.35		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Chloromethane	**1.3**		0.15		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	cis-1,2-Dichloroethylene	ND		0.072		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	cis-1,3-Dichloropropylene	ND		0.33		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Cyclohexane	ND		0.25		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Dibromochloromethane	ND		0.62		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Dichlorodifluoromethane	**2.5**		0.36		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Ethyl acetate	**6.7**		0.52		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Ethyl Benzene	**5.9**		0.31		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Hexachlorobutadiene	ND		0.77		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Isopropanol	**6.1**	CAL-E	1.1		0.725	ug/m³	4/22/25 3:23 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:22
Reference Method:	EPA TO-15	**Client ID**	AI-2 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-04	Methyl Methacrylate	**0.50**		0.30		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Methyl tert-butyl ether (MTBE)	ND		0.26		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Methylene chloride	ND		1.5		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Naphthalene	ND	CAL-E	0.76		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	n-Heptane	**3.9**		0.30		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	n-Hexane	**0.74**		0.26		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	o-Xylene	**6.3**		0.31		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	p- & m- Xylenes	**13**		0.63		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	p-Ethyltoluene	**3.0**		0.36		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Propylene	**1.6**		0.12		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Styrene	**1.3**		0.31		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Tetrachloroethylene	**2.2**		0.49		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Tetrahydrofuran	ND		0.43		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Toluene	**9.8**		0.27		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	trans-1,2-Dichloroethylene	ND		0.29		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	trans-1,3-Dichloropropylene	ND		0.33		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Trichloroethylene	ND		0.097		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Trichlorofluoromethane (Freon 11)	**1.4**		0.41		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Vinyl acetate	ND	ICVE	0.26		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Vinyl bromide	ND		0.32		0.725	ug/m³	4/22/25 3:23 pm
25C1721-04	Vinyl Chloride	ND		0.093		0.725	ug/m³	4/22/25 3:23 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 08:14
Reference Method:	EPA TO-15	**Client ID**	SSV-3 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-05	1,1,1,2-Tetrachloroethane	ND		0.95		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1,1-Trichloroethane	ND		0.75		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1,2,2-Tetrachloroethane	ND		0.95		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.1		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1,2-Trichloroethane	ND		0.75		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1-Dichloroethane	ND		0.56		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,1-Dichloroethylene	ND		0.14		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	1.0		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2,4-Trimethylbenzene	**10**		0.68		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2-Dibromoethane	ND		1.1		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2-Dichlorobenzene	ND		0.83		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2-Dichloroethane	ND		0.56		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2-Dichloropropane	ND		0.64		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,2-Dichlorotetrafluoroethane	ND		0.96		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,3,5-Trimethylbenzene	**2.3**		0.68		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,3-Butadiene	ND		0.92		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,3-Dichlorobenzene	ND		0.83		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,3-Dichloropropane	ND		0.64		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,4-Dichlorobenzene	ND		0.83		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	1,4-Dioxane	ND		0.99		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	2,2,4-Trimethylpentane	**1.7**		0.32		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	2-Butanone	**2.1**		0.41		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	2-Hexanone	ND		1.1		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	3-Chloropropene	ND		2.2		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	4-Methyl-2-pentanone	ND		0.56		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Acetone	**17**		2.6		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Acrylonitrile	ND		3.9		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Benzene	**0.93**		0.44		1.379	ug/m³	4/22/25 1:22 am

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 08:14
Reference Method:	EPA TO-15	**Client ID**	SSV-3 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-05	Benzyl chloride	ND	CAL-E	0.71		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Bromodichloromethane	ND		0.92		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Bromoform	ND		1.4		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Bromomethane	ND		0.54		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Carbon disulfide	ND		0.43		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Carbon tetrachloride	**0.43**		0.22		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Chlorobenzene	ND		0.63		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Chloroethane	ND		0.36		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Chloroform	**1.5**		0.67		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Chloromethane	ND		0.28		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	cis-1,2-Dichloroethylene	ND		0.14		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	cis-1,3-Dichloropropylene	ND		0.63		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Cyclohexane	ND		0.47		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Dibromochloromethane	ND		1.2		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Dichlorodifluoromethane	**2.7**		0.68		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Ethyl acetate	ND		0.99		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Ethyl Benzene	**14**		0.60		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Hexachlorobutadiene	ND		1.5		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Isopropanol	**7.3**	CAL-E	2.0		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Methyl Methacrylate	ND		0.56		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Methyl tert-butyl ether (MTBE)	ND		0.50		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Methylene chloride	ND		2.9		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Naphthalene	ND	CAL-E	1.4		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	n-Heptane	**1.3**		0.57		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	n-Hexane	**1.2**		0.49		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	o-Xylene	**7.2**		0.60		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	p- & m- Xylenes	**20**		1.2		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	p-Ethyltoluene	**9.4**		0.68		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Propylene	**1.7**		0.24		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Styrene	ND		0.59		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Tetrachloroethylene	ND		0.94		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Tetrahydrofuran	ND		0.81		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Toluene	**15**		0.52		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	trans-1,2-Dichloroethylene	ND		0.55		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	trans-1,3-Dichloropropylene	ND		0.63		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Trichloroethylene	ND		0.19		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Trichlorofluoromethane (Freon 11)	**1.5**		0.77		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Vinyl acetate	ND	ICVE	0.49		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Vinyl bromide	ND		0.60		1.379	ug/m³	4/22/25 1:22 am
25C1721-05	Vinyl Chloride	ND		0.18		1.379	ug/m³	4/22/25 1:22 am

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 08:14
Reference Method:	EPA TO-15	**Client ID**	AI-3 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-06	1,1,1,2-Tetrachloroethane	ND		0.55		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1,1-Trichloroethane	ND		0.44		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1,2,2-Tetrachloroethane	ND		0.55		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.62**		0.62		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1,2-Trichloroethane	ND		0.44		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1-Dichloroethane	ND		0.33		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,1-Dichloroethylene	ND		0.080		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.60		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2,4-Trimethylbenzene	**0.59**		0.40		0.805	ug/m³	4/21/25 8:44 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 08:14
Reference Method:	EPA TO-15	**Client ID**	AI-3 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-06	1,2-Dibromoethane	ND		0.62		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2-Dichlorobenzene	ND		0.48		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2-Dichloroethane	ND		0.33		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2-Dichloropropane	ND		0.37		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,2-Dichlorotetrafluoroethane	ND		0.56		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,3,5-Trimethylbenzene	ND		0.40		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,3-Butadiene	ND		0.53		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,3-Dichlorobenzene	ND		0.48		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,3-Dichloropropane	ND		0.37		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,4-Dichlorobenzene	ND		0.48		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	1,4-Dioxane	ND		0.58		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	2,2,4-Trimethylpentane	**0.45**		0.19		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	2-Butanone	**2.7**		0.24		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	2-Hexanone	ND		0.66		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	3-Chloropropene	ND		1.3		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	4-Methyl-2-pentanone	ND		0.33		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Acetone	**28**		1.5		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Acrylonitrile	**6.2**		2.3		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Benzene	**1.2**		0.26		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Benzyl chloride	ND	CAL-E	0.42		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Bromodichloromethane	ND		0.54		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Bromoform	ND		0.83		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Bromomethane	ND		0.31		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Carbon disulfide	ND		0.25		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Carbon tetrachloride	**0.51**		0.13		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Chlorobenzene	ND		0.37		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Chloroethane	ND		0.21		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Chloroform	ND		0.39		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Chloromethane	**1.0**		0.17		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	cis-1,2-Dichloroethylene	ND		0.080		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	cis-1,3-Dichloropropylene	ND		0.37		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Cyclohexane	ND		0.28		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Dibromochloromethane	ND		0.69		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Dichlorodifluoromethane	**2.5**		0.40		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Ethyl acetate	**3.2**		0.58		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Ethyl Benzene	**0.35**		0.35		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Hexachlorobutadiene	ND		0.86		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Isopropanol	**2.9**	CAL-E	1.2		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Methyl Methacrylate	ND		0.33		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Methyl tert-butyl ether (MTBE)	ND		0.29		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Methylene chloride	ND		1.7		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Naphthalene	ND	CAL-E	0.84		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	n-Heptane	**2.7**		0.33		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	n-Hexane	**0.54**		0.28		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	o-Xylene	**0.42**		0.35		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	p- & m- Xylenes	**1.0**		0.70		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	p-Ethyltoluene	**0.40**		0.40		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Propylene	**2.0**		0.14		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Styrene	ND		0.34		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Tetrachloroethylene	ND		0.55		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Tetrahydrofuran	**1.5**		0.47		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Toluene	**5.5**		0.30		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	trans-1,2-Dichloroethylene	ND		0.32		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	trans-1,3-Dichloropropylene	ND		0.37		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Trichloroethylene	ND		0.11		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Trichlorofluoromethane (Freon 11)	**1.4**		0.45		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Vinyl acetate	ND	ICVE	0.28		0.805	ug/m³	4/21/25 8:44 pm
25C1721-06	Vinyl bromide	ND		0.35		0.805	ug/m³	4/21/25 8:44 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 08:14
Reference Method:	EPA TO-15	**Client ID**	AI-3 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-06	Vinyl Chloride	ND		0.10		0.805	ug/m³	4/21/25 8:44 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:02
Reference Method:	EPA TO-15	**Client ID**	SSV-4 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-07	1,1,1,2-Tetrachloroethane	ND		1.0		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1,1-Trichloroethane	ND		0.81		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1,2,2-Tetrachloroethane	ND		1.0		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1,2-Trichloroethane	ND		0.81		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1-Dichloroethane	ND		0.60		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,1-Dichloroethylene	ND		0.15		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	1.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2,4-Trimethylbenzene	**9.9**		0.73		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2-Dibromoethane	ND		1.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2-Dichlorobenzene	ND		0.89		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2-Dichloroethane	ND		0.60		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2-Dichloropropane	ND		0.68		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,2-Dichlorotetrafluoroethane	ND		1.0		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,3,5-Trimethylbenzene	**2.5**		0.73		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,3-Butadiene	ND		0.98		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,3-Dichlorobenzene	ND		0.89		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,3-Dichloropropane	ND		0.68		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,4-Dichlorobenzene	ND		0.89		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	1,4-Dioxane	ND		1.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	2,2,4-Trimethylpentane	**11**		0.35		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	2-Butanone	**1.9**		0.44		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	2-Hexanone	ND		1.2		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	3-Chloropropene	ND		2.3		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	4-Methyl-2-pentanone	ND		0.61		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Acetone	**33**		2.8		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Acrylonitrile	**6.7**		4.2		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Benzene	**1.9**		0.47		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Benzyl chloride	ND	CAL-E	0.77		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Bromodichloromethane	ND		0.99		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Bromoform	ND		1.5		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Bromomethane	ND		0.57		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Carbon disulfide	**0.78**		0.46		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Carbon tetrachloride	**0.56**		0.23		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Chlorobenzene	ND		0.68		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Chloroethane	ND		0.39		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Chloroform	ND		0.72		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Chloromethane	**0.79**		0.31		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	cis-1,2-Dichloroethylene	ND		0.15		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	cis-1,3-Dichloropropylene	ND		0.67		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Cyclohexane	**0.56**		0.51		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Dibromochloromethane	ND		1.3		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Dichlorodifluoromethane	**2.6**		0.73		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Ethyl acetate	**1.1**		1.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Ethyl Benzene	**13**		0.64		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Hexachlorobutadiene	ND		1.6		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Isopropanol	**3.1**	CAL-E	2.2		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Methyl Methacrylate	ND		0.61		1.479	ug/m³	4/22/25 2:08 am

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:02
Reference Method:	EPA TO-15	**Client ID**	SSV-4 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-07	Methyl tert-butyl ether (MTBE)	ND		0.53		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Methylene chloride	ND		3.1		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Naphthalene	ND	CAL-E	1.6		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	n-Heptane	**1.9**		0.61		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	n-Hexane	**2.0**		0.52		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	o-Xylene	**6.8**		0.64		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	p- & m- Xylenes	**19**		1.3		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	p-Ethyltoluene	**8.9**		0.73		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Propylene	**2.1**		0.25		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Styrene	ND		0.63		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Tetrachloroethylene	ND		1.0		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Tetrahydrofuran	ND		0.87		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Toluene	**15**		0.56		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	trans-1,2-Dichloroethylene	ND		0.59		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	trans-1,3-Dichloropropylene	ND		0.67		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Trichloroethylene	ND		0.20		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Trichlorofluoromethane (Freon 11)	**1.4**		0.83		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Vinyl acetate	ND	ICVE	0.52		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Vinyl bromide	ND		0.65		1.479	ug/m³	4/22/25 2:08 am
25C1721-07	Vinyl Chloride	ND		0.19		1.479	ug/m³	4/22/25 2:08 am

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:02
Reference Method:	EPA TO-15	**Client ID**	AI-4 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-08	1,1,1,2-Tetrachloroethane	ND		0.51		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1,1-Trichloroethane	ND		0.41		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1,2,2-Tetrachloroethane	ND		0.51		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.63**		0.57		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1,2-Trichloroethane	ND		0.41		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1-Dichloroethane	ND		0.30		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,1-Dichloroethylene	ND		0.074		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.56		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2,4-Trimethylbenzene	ND		0.37		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2-Dibromoethane	ND		0.58		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2-Dichlorobenzene	ND		0.45		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2-Dichloroethane	ND		0.30		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2-Dichloropropane	ND		0.35		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,2-Dichlorotetrafluoroethane	ND		0.52		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,3,5-Trimethylbenzene	ND		0.37		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,3-Butadiene	ND		0.50		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,3-Dichlorobenzene	ND		0.45		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,3-Dichloropropane	ND		0.35		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,4-Dichlorobenzene	ND		0.45		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	1,4-Dioxane	ND		0.54		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	2,2,4-Trimethylpentane	**0.38**		0.17		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	2-Butanone	**3.5**		0.22		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	2-Hexanone	ND		0.61		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	3-Chloropropene	ND		1.2		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	4-Methyl-2-pentanone	ND		0.31		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Acetone	**23**		1.4		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Acrylonitrile	**12**		2.1		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Benzene	**2.0**		0.24		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Benzyl chloride	ND	CAL-E	0.39		0.749	ug/m³	4/21/25 9:30 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:02
Reference Method:	EPA TO-15	**Client ID**	AI-4 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-08	Bromodichloromethane	ND		0.50		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Bromoform	ND		0.77		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Bromomethane	ND		0.29		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Carbon disulfide	ND		0.23		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Carbon tetrachloride	**0.57**		0.12		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Chlorobenzene	ND		0.34		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Chloroethane	ND		0.20		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Chloroform	ND		0.37		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Chloromethane	**1.4**		0.15		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	cis-1,2-Dichloroethylene	ND		0.074		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	cis-1,3-Dichloropropylene	ND		0.34		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Cyclohexane	ND		0.26		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Dibromochloromethane	ND		0.64		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Dichlorodifluoromethane	**2.4**		0.37		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Ethyl acetate	**0.65**		0.54		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Ethyl Benzene	ND		0.33		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Hexachlorobutadiene	ND		0.80		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Isopropanol	**1.6**	CAL-E	1.1		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Methyl Methacrylate	ND		0.31		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Methyl tert-butyl ether (MTBE)	ND		0.27		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Methylene chloride	ND		1.6		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Naphthalene	ND	CAL-E	0.79		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	n-Heptane	**1.7**		0.31		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	n-Hexane	**0.37**		0.26		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	o-Xylene	ND		0.33		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	p- & m- Xylenes	**0.68**		0.65		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	p-Ethyltoluene	ND		0.37		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Propylene	**1.6**		0.13		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Styrene	ND		0.32		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Tetrachloroethylene	ND		0.51		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Tetrahydrofuran	**1.3**		0.44		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Toluene	**4.3**		0.28		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	trans-1,2-Dichloroethylene	ND		0.30		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	trans-1,3-Dichloropropylene	ND		0.34		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Trichloroethylene	ND		0.10		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Trichlorofluoromethane (Freon 11)	**1.4**		0.42		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Vinyl acetate	ND	ICVE	0.26		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Vinyl bromide	ND		0.33		0.749	ug/m³	4/21/25 9:30 pm
25C1721-08	Vinyl Chloride	ND		0.096		0.749	ug/m³	4/21/25 9:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:08
Reference Method:	EPA TO-15	**Client ID**	SSV-5 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-09	1,1,1,2-Tetrachloroethane	ND		1.0		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1,1-Trichloroethane	ND		0.81		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1,2,2-Tetrachloroethane	ND		1.0		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		1.1		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1,2-Trichloroethane	ND		0.81		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1-Dichloroethane	ND		0.60		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,1-Dichloroethylene	ND		0.15		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	1.1		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2,4-Trimethylbenzene	**8.1**		0.73		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2-Dibromoethane	ND		1.1		1.476	ug/m³	4/22/25 2:54 am

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Soil Vapor
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:08
Reference Method:	EPA TO-15	**Client ID**	SSV-5 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-09	1,2-Dichlorobenzene	ND		0.89		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2-Dichloroethane	ND		0.60		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2-Dichloropropane	ND		0.68		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,2-Dichlorotetrafluoroethane	ND		1.0		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,3,5-Trimethylbenzene	**1.6**		0.73		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,3-Butadiene	ND		0.98		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,3-Dichlorobenzene	ND		0.89		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,3-Dichloropropane	ND		0.68		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,4-Dichlorobenzene	ND		0.89		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	1,4-Dioxane	ND		1.1		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	2,2,4-Trimethylpentane	**11**		0.34		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	2-Butanone	**2.5**		0.44		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	2-Hexanone	ND		1.2		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	3-Chloropropene	ND		2.3		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	4-Methyl-2-pentanone	ND		0.60		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Acetone	**38**		2.8		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Acrylonitrile	ND		4.2		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Benzene	**0.85**		0.47		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Benzyl chloride	ND	CAL-E	0.76		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Bromodichloromethane	ND		0.99		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Bromoform	ND		1.5		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Bromomethane	ND		0.57		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Carbon disulfide	**0.69**		0.46		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Carbon tetrachloride	**0.46**		0.23		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Chlorobenzene	ND		0.68		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Chloroethane	ND		0.39		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Chloroform	**1.1**		0.72		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Chloromethane	ND		0.30		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	cis-1,2-Dichloroethylene	ND		0.15		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	cis-1,3-Dichloropropylene	ND		0.67		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Cyclohexane	ND		0.51		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Dibromochloromethane	ND		1.3		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Dichlorodifluoromethane	**2.6**		0.73		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Ethyl acetate	**5.8**		1.1		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Ethyl Benzene	**12**		0.64		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Hexachlorobutadiene	ND		1.6		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Isopropanol	**5.7**	CAL-E	2.2		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Methyl Methacrylate	ND		0.60		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Methyl tert-butyl ether (MTBE)	ND		0.53		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Methylene chloride	ND		3.1		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Naphthalene	ND	CAL-E	1.5		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	n-Heptane	**1.3**		0.60		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	n-Hexane	**1.2**		0.52		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	o-Xylene	**6.2**		0.64		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	p- & m- Xylenes	**17**		1.3		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	p-Ethyltoluene	**7.8**		0.73		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Propylene	**1.7**		0.25		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Styrene	ND		0.63		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Tetrachloroethylene	ND		1.0		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Tetrahydrofuran	**1.0**		0.87		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Toluene	**16**		0.56		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	trans-1,2-Dichloroethylene	ND		0.59		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	trans-1,3-Dichloropropylene	ND		0.67		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Trichloroethylene	ND		0.20		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Trichlorofluoromethane (Freon 11)	**1.5**		0.83		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Vinyl acetate	ND	ICVE	0.52		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Vinyl bromide	ND		0.65		1.476	ug/m³	4/22/25 2:54 am
25C1721-09	Vinyl Chloride	ND		0.19		1.476	ug/m³	4/22/25 2:54 am

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:08
Reference Method:	EPA TO-15	**Client ID**	AI-5 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-10	1,1,1,2-Tetrachloroethane	ND		0.55		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1,1-Trichloroethane	ND		0.44		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1,2,2-Tetrachloroethane	ND		0.55		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.61**		0.61		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1,2-Trichloroethane	ND		0.44		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1-Dichloroethane	ND		0.32		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,1-Dichloroethylene	ND		0.079		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.60		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2,4-Trimethylbenzene	ND		0.39		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2-Dibromoethane	ND		0.62		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2-Dichlorobenzene	ND		0.48		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2-Dichloroethane	ND		0.32		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2-Dichloropropane	ND		0.37		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,2-Dichlorotetrafluoroethane	ND		0.56		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,3,5-Trimethylbenzene	ND		0.39		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,3-Butadiene	ND		0.53		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,3-Dichlorobenzene	ND		0.48		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,3-Dichloropropane	ND		0.37		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,4-Dichlorobenzene	ND		0.48		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	1,4-Dioxane	ND		0.58		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	2,2,4-Trimethylpentane	**0.34**		0.19		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	2-Butanone	**2.5**		0.24		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	2-Hexanone	ND		0.66		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	3-Chloropropene	ND		1.3		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	4-Methyl-2-pentanone	ND		0.33		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Acetone	**12**		1.5		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Acrylonitrile	ND		2.3		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Benzene	**0.64**		0.26		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Benzyl chloride	ND	CAL-E	0.42		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Bromodichloromethane	ND		0.54		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Bromoform	ND		0.83		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Bromomethane	ND		0.31		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Carbon disulfide	ND		0.25		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Carbon tetrachloride	**0.50**		0.13		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Chlorobenzene	ND		0.37		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Chloroethane	ND		0.21		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Chloroform	ND		0.39		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Chloromethane	**0.91**		0.17		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	cis-1,2-Dichloroethylene	ND		0.079		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	cis-1,3-Dichloropropylene	ND		0.36		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Cyclohexane	ND		0.28		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Dibromochloromethane	ND		0.68		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Dichlorodifluoromethane	**2.4**		0.40		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Ethyl acetate	**0.81**		0.58		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Ethyl Benzene	ND		0.35		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Hexachlorobutadiene	ND		0.86		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Isopropanol	**1.4**	CAL-E	1.2		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Methyl Methacrylate	ND		0.33		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Methyl tert-butyl ether (MTBE)	ND		0.29		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Methylene chloride	ND		1.7		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Naphthalene	ND	CAL-E	0.84		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	n-Heptane	**1.4**		0.33		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	n-Hexane	**0.34**		0.28		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	o-Xylene	ND		0.35		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	p- & m- Xylenes	ND		0.70		0.802	ug/m³	4/21/25 10:16 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 09:08
Reference Method:	EPA TO-15	**Client ID**	AI-5 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-10	p-Ethyltoluene	ND		0.39		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Propylene	**1.4**		0.14		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Styrene	ND		0.34		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Tetrachloroethylene	ND		0.54		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Tetrahydrofuran	**0.99**		0.47		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Toluene	**3.2**		0.30		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	trans-1,2-Dichloroethylene	ND		0.32		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	trans-1,3-Dichloropropylene	ND		0.36		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Trichloroethylene	ND		0.11		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Trichlorofluoromethane (Freon 11)	**1.3**		0.45		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Vinyl acetate	ND	ICVE	0.28		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Vinyl bromide	ND		0.35		0.802	ug/m³	4/21/25 10:16 pm
25C1721-10	Vinyl Chloride	ND		0.10		0.802	ug/m³	4/21/25 10:16 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:38
Reference Method:	EPA TO-15	**Client ID**	AI-6 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-11	1,1,1,2-Tetrachloroethane	ND		0.54		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1,1-Trichloroethane	ND		0.43		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1,2,2-Tetrachloroethane	ND		0.54		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.60**		0.60		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1,2-Trichloroethane	ND		0.43		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1-Dichloroethane	ND		0.32		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,1-Dichloroethylene	ND		0.077		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.58		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2,4-Trimethylbenzene	**0.38**		0.38		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2-Dibromoethane	ND		0.60		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2-Dichlorobenzene	ND		0.47		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2-Dichloroethane	ND		0.32		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2-Dichloropropane	ND		0.36		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,2-Dichlorotetrafluoroethane	ND		0.55		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,3,5-Trimethylbenzene	ND		0.38		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,3-Butadiene	ND		0.52		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,3-Dichlorobenzene	ND		0.47		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,3-Dichloropropane	ND		0.36		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,4-Dichlorobenzene	ND		0.47		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	1,4-Dioxane	ND		0.56		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	2,2,4-Trimethylpentane	**0.29**		0.18		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	2-Butanone	**1.4**		0.23		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	2-Hexanone	ND		0.64		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	3-Chloropropene	ND		1.2		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	4-Methyl-2-pentanone	ND		0.32		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Acetone	**27**		1.5		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Acrylonitrile	**3.9**		2.2		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Benzene	**1.2**		0.25		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Benzyl chloride	ND	CAL-E	0.40		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Bromodichloromethane	ND		0.52		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Bromoform	ND		0.81		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Bromomethane	ND		0.30		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Carbon disulfide	ND		0.24		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Carbon tetrachloride	**0.54**		0.12		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Chlorobenzene	ND		0.36		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Chloroethane	ND		0.21		0.78	ug/m³	4/21/25 11:03 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:38
Reference Method:	EPA TO-15	**Client ID**	AI-6 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-11	Chloroform	ND		0.38		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Chloromethane	**1.1**		0.16		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	cis-1,2-Dichloroethylene	ND		0.077		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	cis-1,3-Dichloropropylene	ND		0.35		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Cyclohexane	ND		0.27		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Dibromochloromethane	ND		0.66		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Dichlorodifluoromethane	**2.4**		0.39		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Ethyl acetate	**3.1**		0.56		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Ethyl Benzene	**0.34**		0.34		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Hexachlorobutadiene	ND		0.83		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Isopropanol	**2.6**	CAL-E	1.2		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Methyl Methacrylate	ND		0.32		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Methyl tert-butyl ether (MTBE)	ND		0.28		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Methylene chloride	ND		1.6		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Naphthalene	ND	CAL-E	0.82		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	n-Heptane	**0.90**		0.32		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	n-Hexane	**0.30**		0.27		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	o-Xylene	**0.34**		0.34		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	p- & m- Xylenes	**0.88**		0.68		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	p-Ethyltoluene	ND		0.38		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Propylene	**0.99**		0.13		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Styrene	ND		0.33		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Tetrachloroethylene	ND		0.53		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Tetrahydrofuran	**0.67**		0.46		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Toluene	**2.8**		0.29		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	trans-1,2-Dichloroethylene	ND		0.31		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	trans-1,3-Dichloropropylene	ND		0.35		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Trichloroethylene	ND		0.10		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Trichlorofluoromethane (Freon 11)	**1.4**		0.44		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Vinyl acetate	ND	ICVE	0.27		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Vinyl bromide	ND		0.34		0.78	ug/m³	4/21/25 11:03 pm
25C1721-11	Vinyl Chloride	ND		0.10		0.78	ug/m³	4/21/25 11:03 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:33
Reference Method:	EPA TO-15	**Client ID**	AI-7 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-12	1,1,1,2-Tetrachloroethane	ND		0.64		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1,1-Trichloroethane	ND		0.51		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1,2,2-Tetrachloroethane	ND		0.64		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.72		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1,2-Trichloroethane	ND		0.51		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1-Dichloroethane	ND		0.38		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,1-Dichloroethylene	ND		0.093		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.69		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2,4-Trimethylbenzene	**0.55**		0.46		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2-Dibromoethane	ND		0.72		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2-Dichlorobenzene	ND		0.56		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2-Dichloroethane	ND		0.38		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2-Dichloropropane	ND		0.43		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,2-Dichlorotetrafluoroethane	ND		0.65		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,3,5-Trimethylbenzene	ND		0.46		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,3-Butadiene	ND		0.62		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,3-Dichlorobenzene	ND		0.56		0.936	ug/m³	4/21/25 11:49 pm

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Indoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:33
Reference Method:	EPA TO-15	**Client ID**	AI-7 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-12	1,3-Dichloropropane	ND		0.43		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,4-Dichlorobenzene	ND		0.56		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	1,4-Dioxane	ND		0.67		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	2,2,4-Trimethylpentane	**0.52**		0.22		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	2-Butanone	**2.3**		0.28		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	2-Hexanone	ND		0.77		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	3-Chloropropene	ND		1.5		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	4-Methyl-2-pentanone	ND		0.38		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Acetone	**68**		1.8		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Acrylonitrile	ND		2.6		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Benzene	**1.2**		0.30		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Benzyl chloride	ND	CAL-E	0.48		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Bromodichloromethane	ND		0.63		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Bromoform	ND		0.97		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Bromomethane	ND		0.36		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Carbon disulfide	ND		0.29		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Carbon tetrachloride	**0.53**		0.15		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Chlorobenzene	ND		0.43		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Chloroethane	ND		0.25		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Chloroform	ND		0.46		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Chloromethane	**1.6**		0.19		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	cis-1,2-Dichloroethylene	ND		0.093		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	cis-1,3-Dichloropropylene	ND		0.42		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Cyclohexane	ND		0.32		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Dibromochloromethane	ND		0.80		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Dichlorodifluoromethane	**2.5**		0.46		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Ethyl acetate	**4.8**		0.67		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Ethyl Benzene	**0.69**		0.41		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Hexachlorobutadiene	ND		1.0		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Isopropanol	**8.4**	CAL-E	1.4		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Methyl Methacrylate	ND		0.38		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Methyl tert-butyl ether (MTBE)	ND		0.34		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Methylene chloride	ND		2.0		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Naphthalene	ND	CAL-E	0.98		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	n-Heptane	**1.2**		0.38		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	n-Hexane	**1.0**		0.33		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	o-Xylene	**0.89**		0.41		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	p- & m- Xylenes	**1.8**		0.81		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	p-Ethyltoluene	ND		0.46		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Propylene	**2.2**		0.16		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Styrene	**0.88**		0.40		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Tetrachloroethylene	ND		0.63		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Tetrahydrofuran	ND		0.55		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Toluene	**6.1**		0.35		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	trans-1,2-Dichloroethylene	ND		0.37		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	trans-1,3-Dichloropropylene	ND		0.42		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Trichloroethylene	ND		0.13		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Trichlorofluoromethane (Freon 11)	**1.3**		0.53		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Vinyl acetate	ND	ICVE	0.33		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Vinyl bromide	ND		0.41		0.936	ug/m³	4/21/25 11:49 pm
25C1721-12	Vinyl Chloride	ND		0.12		0.936	ug/m³	4/21/25 11:49 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:36
Reference Method:	EPA TO-15	**Client ID**	AO-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:36
Reference Method:	EPA TO-15	**Client ID**	AO-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-13	1,1,1,2-Tetrachloroethane	ND		0.52		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1,1-Trichloroethane	ND		0.41		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1,2,2-Tetrachloroethane	ND		0.52		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**0.64**		0.58		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1,2-Trichloroethane	ND		0.41		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1-Dichloroethane	ND		0.31		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,1-Dichloroethylene	ND		0.075		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	0.56		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2,4-Trimethylbenzene	**2.0**		0.37		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2-Dibromoethane	ND		0.58		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2-Dichlorobenzene	ND		0.45		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2-Dichloroethane	ND		0.31		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2-Dichloropropane	ND		0.35		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,2-Dichlorotetrafluoroethane	ND		0.53		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,3,5-Trimethylbenzene	**1.0**		0.37		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,3-Butadiene	ND		0.50		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,3-Dichlorobenzene	ND		0.45		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,3-Dichloropropane	ND		0.35		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,4-Dichlorobenzene	ND		0.45		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	1,4-Dioxane	ND		0.54		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	2,2,4-Trimethylpentane	**0.18**		0.18		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	2-Butanone	**0.65**		0.22		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	2-Hexanone	ND		0.62		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	3-Chloropropene	ND		1.2		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	4-Methyl-2-pentanone	ND		0.31		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Acetone	**4.2**		1.4		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Acrylonitrile	ND		2.1		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Benzene	**0.48**		0.24		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Benzyl chloride	ND	CAL-E	0.39		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Bromodichloromethane	ND		0.51		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Bromoform	ND		0.78		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Bromomethane	ND		0.29		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Carbon disulfide	ND		0.24		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Carbon tetrachloride	**0.52**		0.12		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Chlorobenzene	ND		0.35		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Chloroethane	ND		0.20		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Chloroform	ND		0.37		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Chloromethane	**0.97**		0.16		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	cis-1,2-Dichloroethylene	ND		0.075		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	cis-1,3-Dichloropropylene	ND		0.34		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Cyclohexane	ND		0.26		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Dibromochloromethane	ND		0.64		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Dichlorodifluoromethane	**2.5**		0.37		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Ethyl acetate	ND		0.54		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Ethyl Benzene	**1.0**		0.33		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Hexachlorobutadiene	ND		0.81		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Isopropanol	ND	CAL-E	1.1		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Methyl Methacrylate	ND		0.31		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Methyl tert-butyl ether (MTBE)	ND		0.27		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Methylene chloride	ND		1.6		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Naphthalene	**2.5**	CAL-E	0.79		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	n-Heptane	ND		0.31		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	n-Hexane	ND		0.27		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	o-Xylene	**2.2**		0.33		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	p- & m- Xylenes	**3.7**		0.66		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	p-Ethyltoluene	**1.9**		0.37		0.755	ug/m³	4/22/25 12:35 am

Client:	PVE, LLC.	**York Work Order No:**	25C1721
Client Project:	20240302	**Date Received:**	3/27/25 6:30 pm

Analysis:	**Volatile Organic Compounds in Air by GC/MS**	**Matrix:**	Outdoor Ambient Air
Prep Method:	EPA TO15 PREP	**Collection Date/Time:**	03/26/25 11:36
Reference Method:	EPA TO-15	**Client ID**	AO-1 20250326

Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	Units	Analyzed
25C1721-13	Propylene	**0.55**		0.13		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Styrene	**0.45**		0.32		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Tetrachloroethylene	**2.2**	TO-CCV, TO-LCS-H	0.51		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Tetrahydrofuran	ND		0.45		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Toluene	**1.2**		0.28		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	trans-1,2-Dichloroethylene	ND		0.30		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	trans-1,3-Dichloropropylene	ND		0.34		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Trichloroethylene	ND		0.10		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Trichlorofluoromethane (Freon 11)	**1.4**		0.42		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Vinyl acetate	ND	ICVE	0.27		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Vinyl bromide	ND		0.33		0.755	ug/m³	4/22/25 12:35 am
25C1721-13	Vinyl Chloride	ND		0.096		0.755	ug/m³	4/22/25 12:35 am

Cassie L. Mosher
Laboratory Manager

York Narrative Contents Summary

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

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25C1721

Client : PVE, LLC.

Client Project ID : 20240302

Prepared for : Anthony Spadavecchia

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 03/27/2025 6:30 PM

13 Air sample(s) were received intact unless otherwise noted.

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SSV-1 20250326	25C1721-01	Air	03/26/2025 11:27 AM	03/27/2025 6:30 PM
AI-1 20250326	25C1721-02	Air	03/26/2025 11:28 AM	03/27/2025 6:30 PM
SSV-2 20250326	25C1721-03	Air	03/26/2025 11:22 AM	03/27/2025 6:30 PM
AI-2 20250326	25C1721-04	Air	03/26/2025 11:22 AM	03/27/2025 6:30 PM
SSV-3 20250326	25C1721-05	Air	03/26/2025 8:14 AM	03/27/2025 6:30 PM
AI-3 20250326	25C1721-06	Air	03/26/2025 8:14 AM	03/27/2025 6:30 PM
SSV-4 20250326	25C1721-07	Air	03/26/2025 9:02 AM	03/27/2025 6:30 PM
AI-4 20250326	25C1721-08	Air	03/26/2025 9:02 AM	03/27/2025 6:30 PM
SSV-5 20250326	25C1721-09	Air	03/26/2025 9:08 AM	03/27/2025 6:30 PM
AI-5 20250326	25C1721-10	Air	03/26/2025 9:08 AM	03/27/2025 6:30 PM
AI-6 20250326	25C1721-11	Air	03/26/2025 11:38 AM	03/27/2025 6:30 PM
AI-7 20250326	25C1721-12	Air	03/26/2025 11:33 AM	03/27/2025 6:30 PM
AO-1 20250326	25C1721-13	Air	03/26/2025 11:36 AM	03/27/2025 6:30 PM

WorkOrder Comments

York Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
AIR	EPA TO15 PREP	EPA TO-15

3.0 Sample Issues

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

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SSV-1 20250326	EPA TO-15	25C1721-01	Air	1,2,4-Trichlorobenzene	TO-CCV
SSV-1 20250326	EPA TO-15	25C1721-01	Air	1,2,4-Trichlorobenzene	ICVE
SSV-1 20250326	EPA TO-15	25C1721-01	Air	1,2,4-Trichlorobenzene	CAL-E
SSV-1 20250326	EPA TO-15	25C1721-01	Air	Benzyl chloride	CAL-E
SSV-1 20250326	EPA TO-15	25C1721-01	Air	Isopropanol	CAL-E
SSV-1 20250326	EPA TO-15	25C1721-01	Air	Naphthalene	CAL-E
SSV-1 20250326	EPA TO-15	25C1721-01	Air	Vinyl acetate	ICVE
AI-1 20250326	EPA TO-15	25C1721-02	Air	1,2,4-Trichlorobenzene	CAL-E
AI-1 20250326	EPA TO-15	25C1721-02	Air	1,2,4-Trichlorobenzene	ICVE
AI-1 20250326	EPA TO-15	25C1721-02	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-1 20250326	EPA TO-15	25C1721-02	Air	Benzyl chloride	CAL-E
AI-1 20250326	EPA TO-15	25C1721-02	Air	Isopropanol	CAL-E
AI-1 20250326	EPA TO-15	25C1721-02	Air	Naphthalene	CAL-E
AI-1 20250326	EPA TO-15	25C1721-02	Air	Vinyl acetate	ICVE
SSV-2 20250326	EPA TO-15	25C1721-03	Air	1,2,4-Trichlorobenzene	CAL-E
SSV-2 20250326	EPA TO-15	25C1721-03	Air	1,2,4-Trichlorobenzene	ICVE
SSV-2 20250326	EPA TO-15	25C1721-03	Air	1,2,4-Trichlorobenzene	TO-CCV
SSV-2 20250326	EPA TO-15	25C1721-03	Air	Benzyl chloride	CAL-E
SSV-2 20250326	EPA TO-15	25C1721-03	Air	Isopropanol	CAL-E
SSV-2 20250326	EPA TO-15	25C1721-03	Air	Naphthalene	CAL-E
SSV-2 20250326	EPA TO-15	25C1721-03	Air	Vinyl acetate	ICVE
AI-2 20250326	EPA TO-15	25C1721-04	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-2 20250326	EPA TO-15	25C1721-04	Air	1,2,4-Trichlorobenzene	ICVE
AI-2 20250326	EPA TO-15	25C1721-04	Air	1,2,4-Trichlorobenzene	CAL-E
AI-2 20250326	EPA TO-15	25C1721-04	Air	Benzyl chloride	CAL-E
AI-2 20250326	EPA TO-15	25C1721-04	Air	Isopropanol	CAL-E
AI-2 20250326	EPA TO-15	25C1721-04	Air	Naphthalene	CAL-E
AI-2 20250326	EPA TO-15	25C1721-04	Air	Vinyl acetate	ICVE
SSV-3 20250326	EPA TO-15	25C1721-05	Air	1,2,4-Trichlorobenzene	CAL-E
SSV-3 20250326	EPA TO-15	25C1721-05	Air	1,2,4-Trichlorobenzene	ICVE
SSV-3 20250326	EPA TO-15	25C1721-05	Air	1,2,4-Trichlorobenzene	TO-CCV
SSV-3 20250326	EPA TO-15	25C1721-05	Air	Benzyl chloride	CAL-E
SSV-3 20250326	EPA TO-15	25C1721-05	Air	Isopropanol	CAL-E
SSV-3 20250326	EPA TO-15	25C1721-05	Air	Naphthalene	CAL-E
SSV-3 20250326	EPA TO-15	25C1721-05	Air	Vinyl acetate	ICVE
AI-3 20250326	EPA TO-15	25C1721-06	Air	1,2,4-Trichlorobenzene	ICVE
AI-3 20250326	EPA TO-15	25C1721-06	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-3 20250326	EPA TO-15	25C1721-06	Air	1,2,4-Trichlorobenzene	CAL-E
AI-3 20250326	EPA TO-15	25C1721-06	Air	Benzyl chloride	CAL-E
AI-3 20250326	EPA TO-15	25C1721-06	Air	Isopropanol	CAL-E
AI-3 20250326	EPA TO-15	25C1721-06	Air	Naphthalene	CAL-E
AI-3 20250326	EPA TO-15	25C1721-06	Air	Vinyl acetate	ICVE
SSV-4 20250326	EPA TO-15	25C1721-07	Air	1,2,4-Trichlorobenzene	CAL-E
SSV-4 20250326	EPA TO-15	25C1721-07	Air	1,2,4-Trichlorobenzene	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SSV-4 20250326	EPA TO-15	25C1721-07	Air	1,2,4-Trichlorobenzene	TO-CCV
SSV-4 20250326	EPA TO-15	25C1721-07	Air	Benzyl chloride	CAL-E
SSV-4 20250326	EPA TO-15	25C1721-07	Air	Isopropanol	CAL-E
SSV-4 20250326	EPA TO-15	25C1721-07	Air	Naphthalene	CAL-E
SSV-4 20250326	EPA TO-15	25C1721-07	Air	Vinyl acetate	ICVE
AI-4 20250326	EPA TO-15	25C1721-08	Air	1,2,4-Trichlorobenzene	CAL-E
AI-4 20250326	EPA TO-15	25C1721-08	Air	1,2,4-Trichlorobenzene	ICVE
AI-4 20250326	EPA TO-15	25C1721-08	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-4 20250326	EPA TO-15	25C1721-08	Air	Benzyl chloride	CAL-E
AI-4 20250326	EPA TO-15	25C1721-08	Air	Isopropanol	CAL-E
AI-4 20250326	EPA TO-15	25C1721-08	Air	Naphthalene	CAL-E
AI-4 20250326	EPA TO-15	25C1721-08	Air	Vinyl acetate	ICVE
SSV-5 20250326	EPA TO-15	25C1721-09	Air	1,2,4-Trichlorobenzene	CAL-E
SSV-5 20250326	EPA TO-15	25C1721-09	Air	1,2,4-Trichlorobenzene	ICVE
SSV-5 20250326	EPA TO-15	25C1721-09	Air	1,2,4-Trichlorobenzene	TO-CCV
SSV-5 20250326	EPA TO-15	25C1721-09	Air	Benzyl chloride	CAL-E
SSV-5 20250326	EPA TO-15	25C1721-09	Air	Isopropanol	CAL-E
SSV-5 20250326	EPA TO-15	25C1721-09	Air	Naphthalene	CAL-E
SSV-5 20250326	EPA TO-15	25C1721-09	Air	Vinyl acetate	ICVE
AI-5 20250326	EPA TO-15	25C1721-10	Air	1,2,4-Trichlorobenzene	CAL-E
AI-5 20250326	EPA TO-15	25C1721-10	Air	1,2,4-Trichlorobenzene	ICVE
AI-5 20250326	EPA TO-15	25C1721-10	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-5 20250326	EPA TO-15	25C1721-10	Air	Benzyl chloride	CAL-E
AI-5 20250326	EPA TO-15	25C1721-10	Air	Isopropanol	CAL-E
AI-5 20250326	EPA TO-15	25C1721-10	Air	Naphthalene	CAL-E
AI-5 20250326	EPA TO-15	25C1721-10	Air	Vinyl acetate	ICVE
AI-6 20250326	EPA TO-15	25C1721-11	Air	1,2,4-Trichlorobenzene	CAL-E
AI-6 20250326	EPA TO-15	25C1721-11	Air	1,2,4-Trichlorobenzene	ICVE
AI-6 20250326	EPA TO-15	25C1721-11	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-6 20250326	EPA TO-15	25C1721-11	Air	Benzyl chloride	CAL-E
AI-6 20250326	EPA TO-15	25C1721-11	Air	Isopropanol	CAL-E
AI-6 20250326	EPA TO-15	25C1721-11	Air	Naphthalene	CAL-E
AI-6 20250326	EPA TO-15	25C1721-11	Air	Vinyl acetate	ICVE
AI-7 20250326	EPA TO-15	25C1721-12	Air	1,2,4-Trichlorobenzene	CAL-E
AI-7 20250326	EPA TO-15	25C1721-12	Air	1,2,4-Trichlorobenzene	ICVE
AI-7 20250326	EPA TO-15	25C1721-12	Air	1,2,4-Trichlorobenzene	TO-CCV
AI-7 20250326	EPA TO-15	25C1721-12	Air	Benzyl chloride	CAL-E
AI-7 20250326	EPA TO-15	25C1721-12	Air	Isopropanol	CAL-E
AI-7 20250326	EPA TO-15	25C1721-12	Air	Naphthalene	CAL-E
AI-7 20250326	EPA TO-15	25C1721-12	Air	Vinyl acetate	ICVE
AO-1 20250326	EPA TO-15	25C1721-13	Air	1,2,4-Trichlorobenzene	CAL-E
AO-1 20250326	EPA TO-15	25C1721-13	Air	1,2,4-Trichlorobenzene	ICVE
AO-1 20250326	EPA TO-15	25C1721-13	Air	1,2,4-Trichlorobenzene	TO-CCV
AO-1 20250326	EPA TO-15	25C1721-13	Air	Benzyl chloride	CAL-E
AO-1 20250326	EPA TO-15	25C1721-13	Air	Isopropanol	CAL-E

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
AO-1 20250326	EPA TO-15	25C1721-13	Air	Naphthalene	CAL-E
AO-1 20250326	EPA TO-15	25C1721-13	Air	Tetrachloroethylene	TO-CCV
AO-1 20250326	EPA TO-15	25C1721-13	Air	Tetrachloroethylene	TO-LCS-H
AO-1 20250326	EPA TO-15	25C1721-13	Air	Vinyl acetate	ICVE

Qualifier Definitions :

CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.

4.0 Analysis Issues

EPA TO-15

Volatile Organics, EPA TO15 Full List

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

Initial Calibration : SB50035

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB50035	S5B1425	S5B1425	Secondary Cal Check	S5B1425-SCV1	TO15_AIR3	TV029035.D
SB50035	S5D2211	S5D2211	Calibration Check	S5D2211-CCV1	TO15_AIR3	TV030439.D
SB50035	BD51581	S5D2211	LCS	BD51581-BS1	TO15_AIR3	TV030440.D
SB50035	BD51581	S5D2211	Blank	BD51581-BLK1	TO15_AIR3	TV030442.D
SB50035	BD51581	S5D2211	SSV-1 20250326	25C1721-01	TO15_AIR3	TV030443.D
SB50035	BD51581	S5D2211	SSV-1 20250326DUP1	BD51581-DUP1	TO15_AIR3	TV030444.D
SB50035	BD51581	S5D2211	AI-1 20250326	25C1721-02	TO15_AIR3	TV030448.D
SB50035	BD51581	S5D2211	AI-3 20250326	25C1721-06	TO15_AIR3	TV030449.D
SB50035	BD51581	S5D2211	AI-4 20250326	25C1721-08	TO15_AIR3	TV030450.D
SB50035	BD51581	S5D2211	AI-5 20250326	25C1721-10	TO15_AIR3	TV030451.D
SB50035	BD51581	S5D2211	AI-6 20250326	25C1721-11	TO15_AIR3	TV030452.D
SB50035	BD51581	S5D2211	AI-7 20250326	25C1721-12	TO15_AIR3	TV030453.D
SB50035	BD51581	S5D2211	AO-1 20250326	25C1721-13	TO15_AIR3	TV030454.D
SB50035	BD51581	S5D2211	SSV-3 20250326	25C1721-05	TO15_AIR3	TV030455.D
SB50035	BD51581	S5D2211	SSV-4 20250326	25C1721-07	TO15_AIR3	TV030456.D
SB50035	BD51581	S5D2211	SSV-5 20250326	25C1721-09	TO15_AIR3	TV030457.D
SB50035	S5D2228	S5D2228	Calibration Check	S5D2228-CCV1	TO15_AIR3	TV030467.D
SB50035	BD51611	S5D2228	LCS	BD51611-BS1	TO15_AIR3	TV030468.D
SB50035	BD51611	S5D2228	Blank	BD51611-BLK1	TO15_AIR3	TV030470.D
SB50035	BD51611	S5D2228	SSV-2 20250326	25C1721-03	TO15_AIR3	TV030471.D
SB50035	BD51611	S5D2228	AI-2 20250326	25C1721-04	TO15_AIR3	TV030472.D

4.0 Analysis Issues

Initial calibration for ***EPA TO-15*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SB50035	TO15_AIR3	2/13/2025 6:13:14 PM	TV029015.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4-Trichlorobenzene	**70.78**	30						Avg
Benzyl chloride	**32.46**	30						Avg
Isopropanol	**79.48**	30						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5B1425-SCV1		TV029035.D
Calibration Check	S5D2211-CCV1		TV030439.D
LCS	BD51581-BS1		TV030440.D
Blank	BD51581-BLK1		TV030442.D
SSV-1 20250326	25C1721-01		TV030443.D
Duplicate	BD51581-DUP1	SSV-1 20250326	TV030444.D
AI-1 20250326	25C1721-02		TV030448.D
AI-3 20250326	25C1721-06		TV030449.D
AI-4 20250326	25C1721-08		TV030450.D
AI-5 20250326	25C1721-10		TV030451.D
AI-6 20250326	25C1721-11		TV030452.D
AI-7 20250326	25C1721-12		TV030453.D
AO-1 20250326	25C1721-13		TV030454.D
SSV-3 20250326	25C1721-05		TV030455.D
SSV-4 20250326	25C1721-07		TV030456.D
SSV-5 20250326	25C1721-09		TV030457.D
Calibration Check	S5D2228-CCV1		TV030467.D
LCS	BD51611-BS1		TV030468.D
Blank	BD51611-BLK1		TV030470.D
SSV-2 20250326	25C1721-03		TV030471.D
AI-2 20250326	25C1721-04		TV030472.D

York Analytical Work Order Narrative

EPA TO-15

Initial Calibration Verification-

The initial calibration verification for analytical method EPA TO-15

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

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SB50035	S5B1425-SCV1	1,2,4-Trichlorobenzene	10.0	6.44	**64.4**	70 - 130
SB50035	S5B1425-SCV1	Vinyl acetate	10.0	5.63	**56.3**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5D2211-CCV1	Calibration Check	TV030439.D
BD51581-BS1	LCS	TV030440.D
BD51581-BLK1	Blank	TV030442.D
25C1721-01	SSV-1 20250326	TV030443.D
BD51581-DUP1	Duplicate	TV030444.D
25C1721-02	AI-1 20250326	TV030448.D
25C1721-06	AI-3 20250326	TV030449.D
25C1721-08	AI-4 20250326	TV030450.D
25C1721-10	AI-5 20250326	TV030451.D
25C1721-11	AI-6 20250326	TV030452.D
25C1721-12	AI-7 20250326	TV030453.D
25C1721-13	AO-1 20250326	TV030454.D
25C1721-05	SSV-3 20250326	TV030455.D
25C1721-07	SSV-4 20250326	TV030456.D
25C1721-09	SSV-5 20250326	TV030457.D
S5D2228-CCV1	Calibration Check	TV030467.D
BD51611-BS1	LCS	TV030468.D
BD51611-BLK1	Blank	TV030470.D
25C1721-03	SSV-2 20250326	TV030471.D
25C1721-04	AI-2 20250326	TV030472.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB50035	S5D2211	S5D2211-CCV1	TV030439.D	04/21/25 10:28
SB50035	S5D2228	S5D2228-CCV1	TV030467.D	04/22/25 10:48

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

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SB50035	S5D2211-CCV1	1,2,4-Trichlorobenzene	ppbv	6.47	10.0	**64.7**	70	130	TV030439.D
SB50035	S5D2211-CCV1	Bromoform	ppbv	14.0	10.0	**140**	70	130	TV030439.D
SB50035	S5D2211-CCV1	Hexachlorobutadiene	ppbv	15.4	10.0	**154**	70	130	TV030439.D
SB50035	S5D2211-CCV1	Tetrachloroethylene	ppbv	13.4	10.0	**134**	70	130	TV030439.D
SB50035	S5D2211-CCV1	Vinyl bromide	ppbv	13.4	10.0	**134**	70	130	TV030439.D
SB50035	S5D2228-CCV1	1,2,4-Trichlorobenzene	ppbv	6.67	10.0	**66.7**	70	130	TV030467.D
SB50035	S5D2228-CCV1	Bromoform	ppbv	13.9	10.0	**139**	70	130	TV030467.D
SB50035	S5D2228-CCV1	Hexachlorobutadiene	ppbv	15.3	10.0	**153**	70	130	TV030467.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SB50035	S5D2211	BD51581-BS1	LCS		TV030440.D
SB50035	S5D2211	BD51581-BLK1	Blank		TV030442.D
SB50035	S5D2211	25C1721-01	SSV-1 20250326		TV030443.D

SB50035	S5D2211	BD51581-DUP1	Duplicate	SSV-1 20250326	TV030444.D
SB50035	S5D2211	25C1721-02	AI-1 20250326		TV030448.D
SB50035	S5D2211	25C1721-06	AI-3 20250326		TV030449.D
SB50035	S5D2211	25C1721-08	AI-4 20250326		TV030450.D
SB50035	S5D2211	25C1721-10	AI-5 20250326		TV030451.D
SB50035	S5D2211	25C1721-11	AI-6 20250326		TV030452.D
SB50035	S5D2211	25C1721-12	AI-7 20250326		TV030453.D
SB50035	S5D2211	25C1721-13	AO-1 20250326		TV030454.D
SB50035	S5D2211	25C1721-05	SSV-3 20250326		TV030455.D
SB50035	S5D2211	25C1721-07	SSV-4 20250326		TV030456.D
SB50035	S5D2211	25C1721-09	SSV-5 20250326		TV030457.D
SB50035	S5D2228	BD51611-BS1	LCS		TV030468.D
SB50035	S5D2228	BD51611-BLK1	Blank		TV030470.D
SB50035	S5D2228	25C1721-03	SSV-2 20250326		TV030471.D
SB50035	S5D2228	25C1721-04	AI-2 20250326		TV030472.D

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Batch QC

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

	Batch	Sequence	Instrument	Blank	FileID
AIR	BD51581	S5D2211	TO15_AIR3	BD51581-BLK1	TV030442.D
AIR	BD51611	S5D2228	TO15_AIR3	BD51611-BLK1	TV030470.D

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

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

Calibration	Sequence	LabNumber	SampleName	File ID
SB50035	5D2211	BD51581-BS1	LCS	TV030440.D
SB50035	5D2228	BD51611-BS1	LCS	TV030468.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5D2211	LCS	BD51581-BS1	1,4-Dichlorobenzene		**134**		70 - 130	
S5D2211	LCS	BD51581-BS1	Bromoform		**143**		70 - 130	
S5D2211	LCS	BD51581-BS1	Hexachlorobutadiene		**167**		70 - 130	
S5D2211	LCS	BD51581-BS1	Tetrachloroethylene		**133**		70 - 130	
S5D2211	LCS	BD51581-BS1	Vinyl bromide		**132**		70 - 130	
S5D2228	LCS	BD51611-BS1	Bromoform		**136**		70 - 130	
S5D2228	LCS	BD51611-BS1	Hexachlorobutadiene		**159**		70 - 130	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BD51581	25C1721-13	AO-1 20250326	
BD51581	BD51581-DUP1	Duplicate	SSV-1 20250326

York Analytical Work Order Narrative

EPA TO-15

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

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
AIR	**SB50035**	BD51581	S5D2211	SSV-1 20250326DUP1	25C1721-01	SSV-1 20250326	BD51581-DUP1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	4-Methyl-2-pentanone	87.7	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	Ethyl acetate	33.1	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	Ethyl Benzene	31.3	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	Isopropanol	41	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	o-Xylene	42.6	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	p- & m- Xylenes	42.8	25	
S5D2211	SSV-1 20250326DUP1	25C1721-01	BD51581-DUP1	Toluene	68.8	25	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA TO-15	BD51581	SSV-1 20250326	25C1721-01	1.645
EPA TO-15	BD51611	SSV-2 20250326	25C1721-03	1.824
EPA TO-15	BD51581	SSV-3 20250326	25C1721-05	1.379
EPA TO-15	BD51581	SSV-4 20250326	25C1721-07	1.479
EPA TO-15	BD51581	SSV-5 20250326	25C1721-09	1.476

EPA TO-15

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

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

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

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

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.040)}$$

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

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

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

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BD51581 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C1721-01	SSV-1 20250326	04/21/25
25C1721-02	AI-1 20250326	04/21/25
25C1721-05	SSV-3 20250326	04/21/25
25C1721-06	AI-3 20250326	04/21/25
25C1721-07	SSV-4 20250326	04/21/25
25C1721-08	AI-4 20250326	04/21/25
25C1721-09	SSV-5 20250326	04/21/25
25C1721-10	AI-5 20250326	04/21/25
25C1721-11	AI-6 20250326	04/21/25
25C1721-12	AI-7 20250326	04/21/25
25C1721-13	AO-1 20250326	04/21/25
BD51581-BLK1	Blank	04/21/25
BD51581-BS1	LCS	04/21/25
BD51581-DUP1	Duplicate	04/21/25

Batch ID: BD51611 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25C1721-03	SSV-2 20250326	04/22/25
25C1721-04	AI-2 20250326	04/22/25
BD51611-BLK1	Blank	04/22/25
BD51611-BS1	LCS	04/22/25

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA TO-15 in Air		
1,1,1-Trichloroethane	71-55-6	NELAC-NY12058,NJDEP-NY037
1,1,2,2-Tetrachloroethane	79-34-5	NELAC-NY12058,NJDEP-NY037
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NELAC-NY12058,NJDEP-NY037
1,1,2-Trichloroethane	79-00-5	NELAC-NY12058,NJDEP-NY037
1,1-Dichloroethane	75-34-3	NELAC-NY12058,NJDEP-NY037
1,1-Dichloroethylene	75-35-4	NELAC-NY12058,NJDEP-NY037
1,2,4-Trichlorobenzene	120-82-1	NELAC-NY12058,NJDEP-NY037
1,2,4-Trimethylbenzene	95-63-6	NELAC-NY12058,NJDEP-NY037
1,2-Dibromoethane	106-93-4	NELAC-NY12058,NJDEP-NY037
1,2-Dichlorobenzene	95-50-1	NELAC-NY12058,NJDEP-NY037
1,2-Dichloroethane	107-06-2	NELAC-NY12058,NJDEP-NY037
1,2-Dichloropropane	78-87-5	NELAC-NY12058,NJDEP-NY037
1,2-Dichlorotetrafluoroethane	76-14-2	NELAC-NY12058,NJDEP-NY037
1,3,5-Trimethylbenzene	108-67-8	NELAC-NY12058,NJDEP-NY037
1,3-Butadiene	106-99-0	NELAC-NY12058,NJDEP-NY037
1,3-Dichlorobenzene	541-73-1	NELAC-NY12058,NJDEP-NY037
1,4-Dichlorobenzene	106-46-7	NELAC-NY12058,NJDEP-NY037
1,4-Dioxane	123-91-1	NELAC-NY12058,NJDEP-NY037
2-Butanone	78-93-3	NELAC-NY12058,NJDEP-NY037
3-Chloropropene	107-05-1	NELAC-NY12058,NJDEP-NY037
4-Methyl-2-pentanone	108-10-1	NELAC-NY12058,NJDEP-NY037
Acetone	67-64-1	NELAC-NY12058,NJDEP-NY037
Acrylonitrile	107-13-1	NELAC-NY12058,NJDEP-NY037
Benzene	71-43-2	NELAC-NY12058,NJDEP-NY037
Benzyl chloride	100-44-7	NELAC-NY12058,NJDEP-NY037
Bromodichloromethane	75-27-4	NELAC-NY12058,NJDEP-NY037
Bromoform	75-25-2	NELAC-NY12058,NJDEP-NY037
Bromomethane	74-83-9	NELAC-NY12058,NJDEP-NY037
Carbon disulfide	75-15-0	NELAC-NY12058,NJDEP-NY037
Carbon tetrachloride	56-23-5	NELAC-NY12058,NJDEP-NY037
Chlorobenzene	108-90-7	NELAC-NY12058,NJDEP-NY037
Chloroethane	75-00-3	NELAC-NY12058,NJDEP-NY037
Chloroform	67-66-3	NELAC-NY12058,NJDEP-NY037
Chloromethane	74-87-3	NELAC-NY12058,NJDEP-NY037
cis-1,2-Dichloroethylene	156-59-2	NELAC-NY12058,NJDEP-NY037
cis-1,3-Dichloropropylene	10061-01-5	NELAC-NY12058,NJDEP-NY037
Cyclohexane	110-82-7	NELAC-NY12058,NJDEP-NY037
Dibromochloromethane	124-48-1	NELAC-NY12058,NJDEP-NY037
Dichlorodifluoromethane	75-71-8	NELAC-NY12058,NJDEP-NY037
Ethyl Benzene	100-41-4	NELAC-NY12058,NJDEP-NY037
Hexachlorobutadiene	87-68-3	NELAC-NY12058,NJDEP-NY037
Isopropanol	67-63-0	NELAC-NY12058,NJDEP-NY037
Methyl Methacrylate	80-62-6	NELAC-NY12058,NJDEP-NY037
Methyl tert-butyl ether (MTBE)	1634-04-4	NELAC-NY12058,NJDEP-NY037
Methylene chloride	75-09-2	NELAC-NY12058,NJDEP-NY037
Naphthalene	91-20-3	NJDEP-NY037
n-Heptane	142-82-5	NELAC-NY12058,NJDEP-NY037
n-Hexane	110-54-3	NELAC-NY12058,NJDEP-NY037
o-Xylene	95-47-6	NELAC-NY12058,NJDEP-NY037
p- & m- Xylenes	179601-23-1	NELAC-NY12058,NJDEP-NY037
Styrene	100-42-5	NELAC-NY12058,NJDEP-NY037
Tetrachloroethylene	127-18-4	NELAC-NY12058,NJDEP-NY037
Toluene	108-88-3	NELAC-NY12058,NJDEP-NY037

Certified Analyses included in this Report
(Continued)

Analyte	CAS #	Certifications
EPA TO-15 in Air (Continued)		
trans-1,2-Dichloroethylene	156-60-5	NELAC-NY12058,NJDEP-NY037
trans-1,3-Dichloropropylene	10061-02-6	NELAC-NY12058,NJDEP-NY037
Trichloroethylene	79-01-6	NELAC-NY12058,NJDEP-NY037
Trichlorofluoromethane (Freon 11)	75-69-4	NELAC-NY12058,NJDEP-NY037
Vinyl acetate	108-05-4	NELAC-NY12058,NJDEP-NY037
Vinyl bromide	593-60-2	NELAC-NY12058,NJDEP-NY037
Vinyl Chloride	75-01-4	NELAC-NY12058,NJDEP-NY037

List of Certifications

Code	Description	Number	Expires
NELAC-NH2097	NH ELAP 1633 Primary NELAC - Queens	2097	06/22/2025
CTDPH-PH-0721	CTDPH Cert-Queens	PH-0721	09/30/2026
NELAC-NY11706	Newtown -NYSDOH NELAC	11706	04/01/2025
CTDOH-PH-0800	CTDPH Newtown CT	PH-0800	12/31/2025
NJDEP-NY037	NJDEP Certification - Queens	NY037	06/30/2025
NELAC-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2025
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2025
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2025
CTDOH-PH-0723	CTDPH - Stratford	PH-0723	06/30/2025
NELAC-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2025

HOLDING TIME SUMMARY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1721

Client: PVE, LLC. **Project:** 20240302

Sample Name	Date Sampled	Date Received	Preparation Holding Time (Days)	Preparation Date	Preparation Expiration Date	Analysis Holding Time (Days)	Analysis Date	Analysis Expiration Date	Q
SSV-1 20250326	03/26/25 11:27	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 11:27	30.00	04/21/25 13:33	04/25/25 11:27	
AI-1 20250326	03/26/25 11:28	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 11:28	30.00	04/21/25 18:32	04/25/25 11:28	
SSV-2 20250326	03/26/25 11:22	03/27/25 18:30	30.00	04/22/25 08:00	04/25/25 11:22	30.00	04/22/25 14:36	04/25/25 11:22	
AI-2 20250326	03/26/25 11:22	03/27/25 18:30	30.00	04/22/25 08:00	04/25/25 11:22	30.00	04/22/25 15:23	04/25/25 11:22	
SSV-3 20250326	03/26/25 08:14	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 08:14	30.00	04/22/25 01:22	04/25/25 08:14	
AI-3 20250326	03/26/25 08:14	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 08:14	30.00	04/21/25 20:44	04/25/25 08:14	
SSV-4 20250326	03/26/25 09:02	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 09:02	30.00	04/22/25 02:08	04/25/25 09:02	
AI-4 20250326	03/26/25 09:02	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 09:02	30.00	04/21/25 21:30	04/25/25 09:02	
SSV-5 20250326	03/26/25 09:08	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 09:08	30.00	04/22/25 02:54	04/25/25 09:08	
AI-5 20250326	03/26/25 09:08	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 09:08	30.00	04/21/25 22:16	04/25/25 09:08	
AI-6 20250326	03/26/25 11:38	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 11:38	30.00	04/21/25 23:03	04/25/25 11:38	
AI-7 20250326	03/26/25 11:33	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 11:33	30.00	04/21/25 23:49	04/25/25 11:33	
AO-1 20250326	03/26/25 11:36	03/27/25 18:30	30.00	04/21/25 09:00	04/25/25 11:36	30.00	04/22/25 00:35	04/25/25 11:36	

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record - AIR

YORK Project No. 25C1721

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

YOUR Information	Report To:	Invoice To:
Company: PVE ENGINEERING	Company: SAME	Company: SAME
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address:	Address:
Phone.: 845-454-2544	Phone.:	Phone.:
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM

YOUR Project Number: 20240302

YOUR Project Name: 20240302

YOUR PO#: 20240302

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other:
CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP
Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SSV-1 20250326	03-26-2025 1127	AS	-30"	-6"	37000	20451	VOCs VIA USEPA METHOD TO-15 SIM
AI-1 20250326	1128	AI	-24"	-2"	24254	20438	
SSV-2 20250326	1122	AS	-29"	-8"	50376	13571	
AI-2 20250326	1122	AI	-30"	-2"	18299	20439	
SSV-3 20250326	0814	AS	-30"	-2"	34497	19428	
AI-3 20250326	0814	AI	-29"	-3"	34496	20233	
SSV-4 20250326	0902	AS	-30"	-4"	50378	16421	
AI-4 20250326	0902	AI	-30"	-2"	52073	7087	
SSV-5 20250326	0908	AS	-30+"	-4"	49981	17895	
AI-5 20250326	0908	AI	-30"	-2"	50305	16419	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 1455		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 13:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1721

YOUR Information	Report To:	Invoice To:
Company: PVE ENGINEERING	Company: SAME	Company: SAME
Address: 48 SPRINGSIDE AVE POUGHKEEPSIE, NY 12603	Address:	Address:
Phone.: 845-454-2544	Phone.:	Phone.:
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM

YOUR Project Number: 20240302

YOUR Project Name: 20240302

YOUR PO#: 20240302

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- Other:
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliv.
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-6 20250326	3-26-25 1138	AI	-30"	-3"	23800	20452	VOCs via USEPA METHOD TO-15 SIM
AI-7 20250326	1133	AI	-28"	-7"	49576	16423	
AO-1 20250326	1136	AO	-30"	-4"	50306	20442	

Comments:

Detection Limits Required

≤ 1 ug/m³ ____ NYSDEC V1 Limits ____

Routine Survey ____ Other ____

Sampling Media

- 6 Liter Canister
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

DATA PACKAGE

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1721

Client: PVE, LLC. Project: 20240302

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1721

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR3

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.7	0.7	ug/m³
1,1,1-Trichloroethane	0.55	0.55	ug/m³
1,1,2,2-Tetrachloroethane	0.7	0.7	ug/m³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.78	0.78	ug/m³
1,1,2-Trichloroethane	0.55	0.55	ug/m³
1,1-Dichloroethane	0.41	0.41	ug/m³
1,1-Dichloroethylene	0.1	0.1	ug/m³
1,2,4-Trichlorobenzene	0.75	0.75	ug/m³
1,2,4-Trimethylbenzene	0.5	0.5	ug/m³
1,2-Dibromoethane	0.78	0.78	ug/m³
1,2-Dichlorobenzene	0.61	0.61	ug/m³
1,2-Dichloroethane	0.41	0.41	ug/m³
1,2-Dichloropropane	0.47	0.47	ug/m³
1,2-Dichlorotetrafluoroethane	0.71	0.71	ug/m³
1,3,5-Trimethylbenzene	0.5	0.5	ug/m³
1,3-Butadiene	0.68	0.68	ug/m³
1,3-Dichlorobenzene	0.61	0.61	ug/m³
1,3-Dichloropropane	0.47	0.47	ug/m³
1,4-Dichlorobenzene	0.61	0.61	ug/m³
1,4-Dioxane	0.73	0.73	ug/m³
2,2,4-Trimethylpentane	0.12	0.24	ug/m³
2-Butanone	0.3	0.3	ug/m³
2-Hexanone	0.83	0.83	ug/m³
3-Chloropropene	1.6	1.6	ug/m³
4-Methyl-2-pentanone	0.42	0.42	ug/m³
Acetone	0.48	1.9	ug/m³
Acrylonitrile	0.22	2.9	ug/m³
Benzene	0.32	0.32	ug/m³
Benzyl chloride	0.53	0.53	ug/m³
Bromodichloromethane	0.68	0.68	ug/m³
Bromoform	1.1	1.1	ug/m³
Bromomethane	0.39	0.39	ug/m³
Carbon disulfide	0.32	0.32	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1721

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR3

Analyte	LOD	LOQ	Units
Carbon tetrachloride	0.16	0.16	ug/m³
Chlorobenzene	0.47	0.47	ug/m³
Chloroethane	0.27	0.27	ug/m³
Chloroform	0.5	0.5	ug/m³
Chloromethane	0.21	0.21	ug/m³
cis-1,2-Dichloroethylene	0.1	0.1	ug/m³
cis-1,3-Dichloropropylene	0.46	0.46	ug/m³
Cyclohexane	0.35	0.35	ug/m³
Dibromochloromethane	0.87	0.87	ug/m³
Dichlorodifluoromethane	0.5	0.5	ug/m³
Ethyl acetate	0.73	0.73	ug/m³
Ethyl Benzene	0.44	0.44	ug/m³
Hexachlorobutadiene	1.1	1.1	ug/m³
Isopropanol	0.5	1.5	ug/m³
Methyl Methacrylate	0.42	0.42	ug/m³
Methyl tert-butyl ether (MTBE)	0.37	0.37	ug/m³
Methylene chloride	0.71	2.1	ug/m³
Naphthalene	1.1	1.1	ug/m³
n-Heptane	0.42	0.42	ug/m³
n-Hexane	0.36	0.36	ug/m³
o-Xylene	0.44	0.44	ug/m³
p- & m- Xylenes	0.88	0.88	ug/m³
p-Ethyltoluene	0.5	0.5	ug/m³
Propylene	0.18	0.18	ug/m³
Styrene	0.43	0.43	ug/m³
Tetrachloroethylene	0.69	0.69	ug/m³
Tetrahydrofuran	0.6	0.6	ug/m³
Toluene	0.38	0.38	ug/m³
trans-1,2-Dichloroethylene	0.4	0.4	ug/m³
trans-1,3-Dichloropropylene	0.46	0.46	ug/m³
Trichloroethylene	0.14	0.14	ug/m³
Trichlorofluoromethane (Freon 11)	0.57	0.57	ug/m³
Vinyl acetate	0.36	0.36	ug/m³
Vinyl bromide	0.44	0.44	ug/m³

METHOD DETECTION AND REPORTING LIMITS

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford **SDG:** 25C1721

Client: PVE, LLC. **Project:** 20240302

Matrix: Air **Instrument:** TO15_AIR3

Analyte	LOD	LOQ	Units
Vinyl Chloride	0.13	0.13	ug/m³

Sample Information

Client Sample ID: **SSV-1 20250326** **York Sample ID:** **25C1721-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, ICVE	ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
95-63-6	**1,2,4-Trimethylbenzene**	2.0		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.38	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
78-93-3	**2-Butanone**	4.4		ug/m³	0.49	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
108-10-1	**4-Methyl-2-pentanone**	7.8		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
67-64-1	**Acetone**	25		ug/m³	3.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.6	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
71-43-2	**Benzene**	0.89		ug/m³	0.53	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.85	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-25-2	Bromoform	ND		ug/m³	1.7	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
74-83-9	Bromomethane	ND		ug/m³	0.64	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
56-23-5	**Carbon tetrachloride**	0.83		ug/m³	0.26	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR

Sample Information

Client Sample ID: **SSV-1 20250326** **York Sample ID:** **25C1721-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-00-3	Chloroethane	ND		ug/m³	0.43	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
67-66-3	Chloroform	ND		ug/m³	0.80	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.34	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
110-82-7	Cyclohexane	ND		ug/m³	0.57	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-71-8	**Dichlorodifluoromethane**	3.7		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
141-78-6	*** Ethyl acetate**	20		ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
100-41-4	**Ethyl Benzene**	5.0		ug/m³	0.71	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
67-63-0	**Isopropanol**	18	CAL-E	ug/m³	2.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-09-2	Methylene chloride	ND		ug/m³	3.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.7	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
142-82-5	**n-Heptane**	0.88		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
110-54-3	**n-Hexane**	0.87		ug/m³	0.58	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
95-47-6	**o-Xylene**	3.4		ug/m³	0.71	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
179601-23-1	**p- & m- Xylenes**	13		ug/m³	1.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
622-96-8	*** p-Ethyltoluene**	1.9		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
115-07-1	*** Propylene**	0.71		ug/m³	0.28	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
100-42-5	Styrene	ND		ug/m³	0.70	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
127-18-4	**Tetrachloroethylene**	1.1		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
108-88-3	**Toluene**	85		ug/m³	0.62	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.9		ug/m³	0.92	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.58	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*112 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*109 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030443.D
Acq On : 21 Apr 2025 01:33 pm
Operator : YR
Sample : 25C1721-01
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.645
InstName : TO15_AIR3

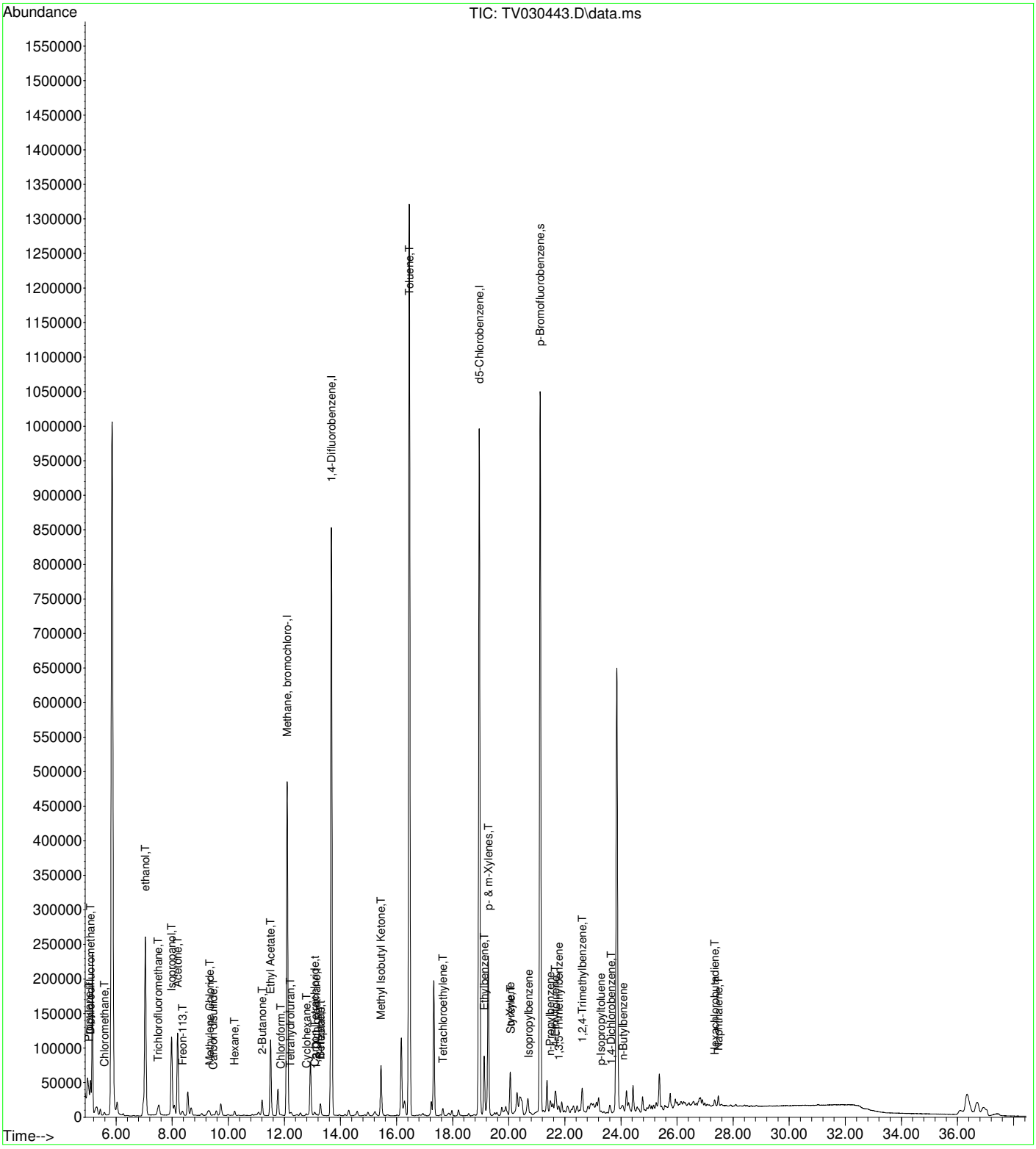
Quant Time: Apr 21 15:03:52 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

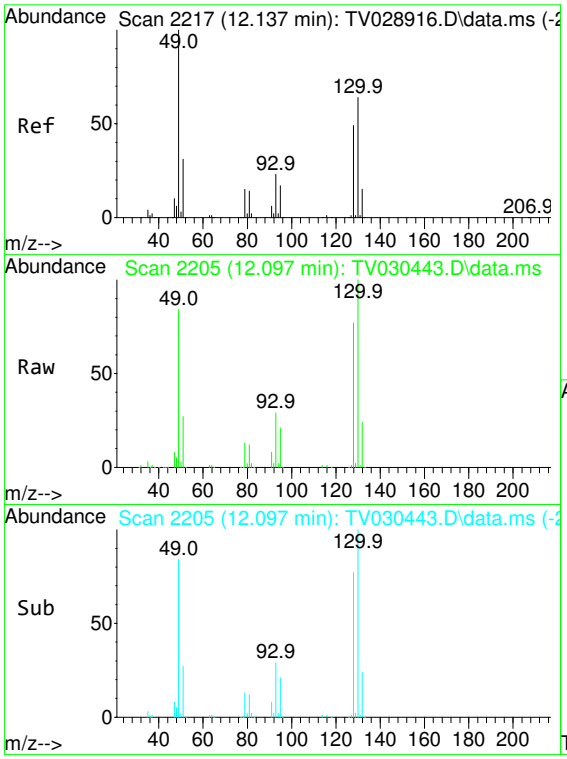
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.097	49	315704	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1365935	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1202338	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	730524	0.33	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
2) Propylene	5.024	42	3335	0.25	ppbv	# 40
3) Dichlorodifluoromethane	5.089	85	33310	0.46	ppbv	99
5) Chloromethane	5.583	50	7759	0.37	ppbv	# 86
10) ethanol	7.041	45	295531	22.25	ppbv	88
12) Trichlorofluoromethane	7.489	101	15013	0.21	ppbv	99
13) Isopropanol	7.976	45	257075	4.57	ppbv	100
15) Acetone	8.191	43	242045	6.41	ppbv	# 79
16) Freon-113	8.368	101	4422	0.07	ppbv	89
19) Methylene Chloride	9.335	49	4981	0.17	ppbv	# 64
21) Carbon disulfide	9.460	76	2468	0.03	ppbv	# 67
24) Hexane	10.224	57	6275	0.15	ppbv	89
27) 2-Butanone	11.205	43	45356	0.91	ppbv	# 83
28) Ethyl Acetate	11.506	43	194459	3.40	ppbv	# 92
30) Chloroform	11.869	83	1599	0.03	ppbv	# 85
31) Tetrahydrofuran	12.208	42	3488	0.12	ppbv	# 86
33) Cyclohexane	12.784	56	2401	0.05	ppbv	# 82
35) Carbon Tetrachloride	13.084	117	4763	0.08	ppbv	99
36) 1,2-Dichloroethane	13.140	62	687	0.02	ppbv	# 85
37) Benzene	13.277	78	15692	0.17	ppbv	# 100
38) n-Heptane	13.294	43	5394	0.13	ppbv	# 75
45) Methyl Isobutyl Ketone	15.444	43	81323	1.16	ppbv	86
47) Toluene	16.451	91	1928548	13.79	ppbv	98
52) Tetrachloroethylene	17.651	166	6413	0.10	ppbv	96
58) Ethylbenzene	19.122	91	122243	0.70	ppbv	96
59) p- & m-Xylenes	19.269	91	251404	1.89	ppbv	92
60) o-Xylene	20.053	91	66445	0.48	ppbv	98
61) Styrene	20.066	104	4043	0.04	ppbv	# 74
63) n-Propylbenzene	21.475	91	19767	0.09	ppbv	99
64) Isopropylbenzene	20.704	105	4151	0.02	ppbv	100
67) 4-Ethyltoluene	21.652	105	43939	0.23	ppbv	93
68) 1,3,5-Trimethylbenzene	21.782	105	10383	0.06	ppbv	96
70) 1,2,4-Trimethylbenzene	22.619	105	41780	0.25	ppbv	# 93
72) p-Isopropyltoluene	23.283	119	4505	0.02	ppbv	# 89
74) 1,4-Dichlorobenzene	23.645	146	2008	0.02	ppbv	# 78
76) n-Butylbenzene	24.077	91	4051	0.02	ppbv	# 93
79) Hexachlorobutadiene	27.349	225	1955	0.03	ppbv	82
80) Naphthalene	27.470	128	22275	0.12	ppbv	99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030443.D
Acq On : 21 Apr 2025 01:33 pm
Operator : YR
Sample : 25C1721-01
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.645
InstName : TO15_AIR3

Quant Time: Apr 21 15:03:52 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

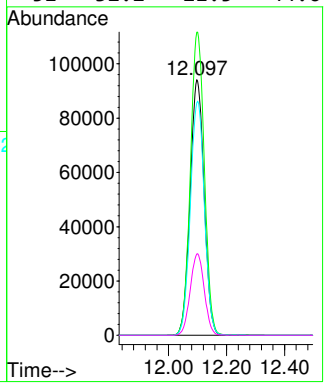


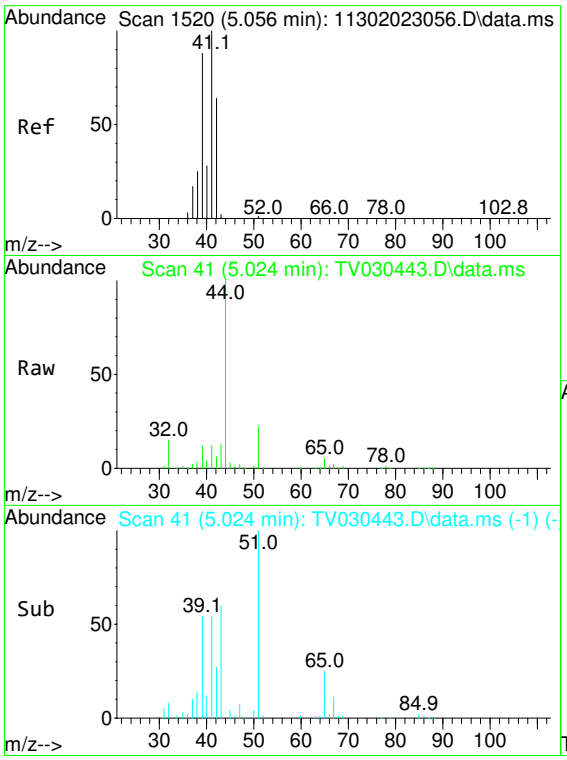


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.097 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 49 Resp: 315704

Ion	Ratio	Lower	Upper
49	100		
130	118.7	44.5	92.3#
128	91.8	34.7	72.1#
51	32.2	21.5	44.6

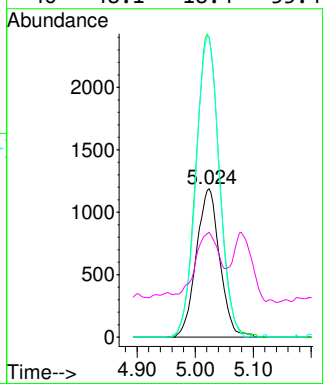


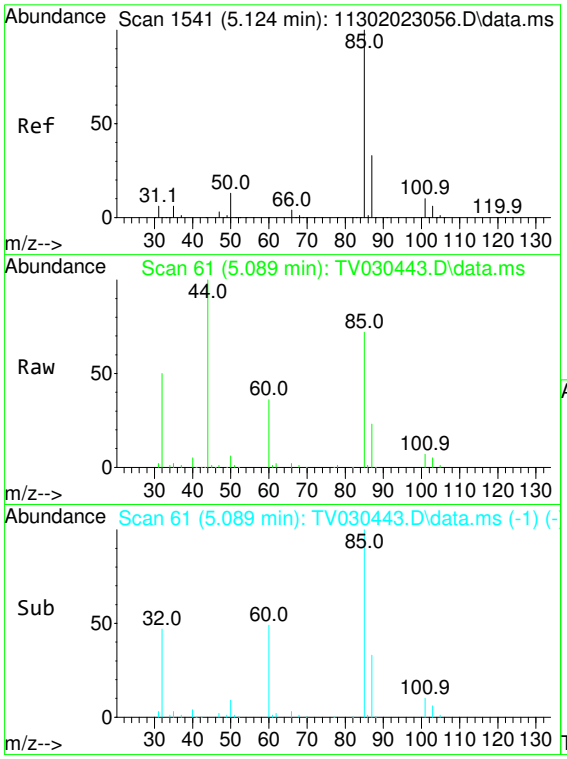


#2
Propylene
Concen: 0.25 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 42 Resp: 3335

Ion	Ratio	Lower	Upper
42	100		
41	206.4	88.9	207.5
39	201.9	52.2	156.6#
40	48.1	18.4	55.4

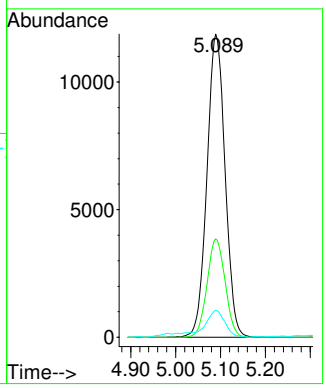


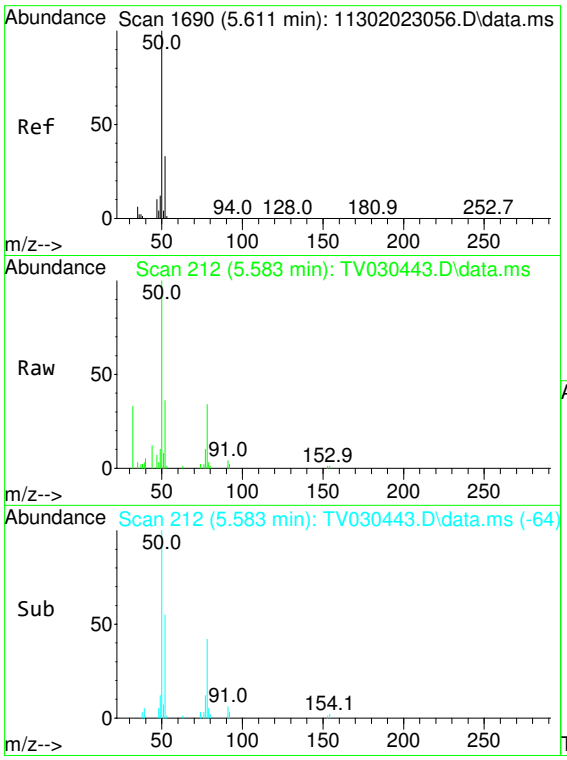


#3
Dichlorodifluoromethane
Concen: 0.46 ppbv
RT: 5.089 min Scan# 61
Delta R.T. -0.023 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 85 Resp: 33310

Ion	Ratio	Lower	Upper
85	100		
87	32.4	21.0	43.6
50	11.7	6.8	14.2

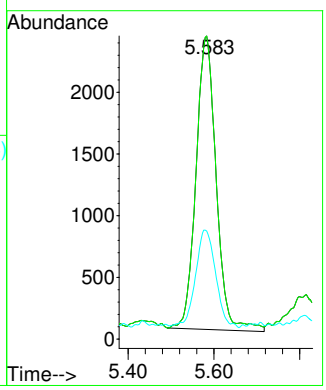


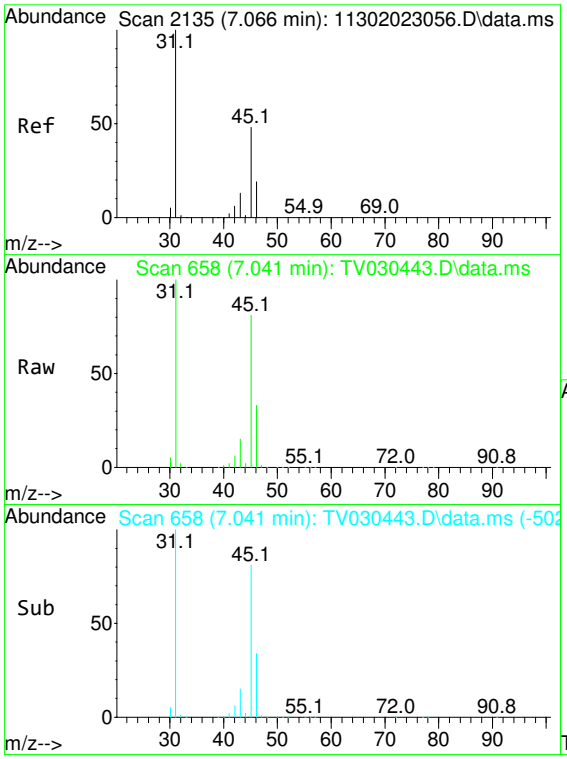


#5
Chloromethane
Concen: 0.37 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 50 Resp: 7759

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	0.0	16.5	49.5#

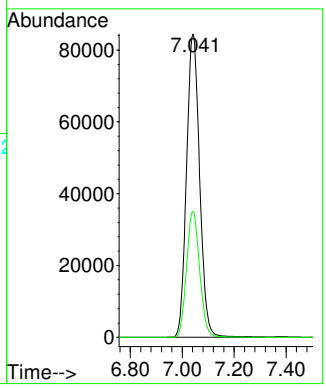


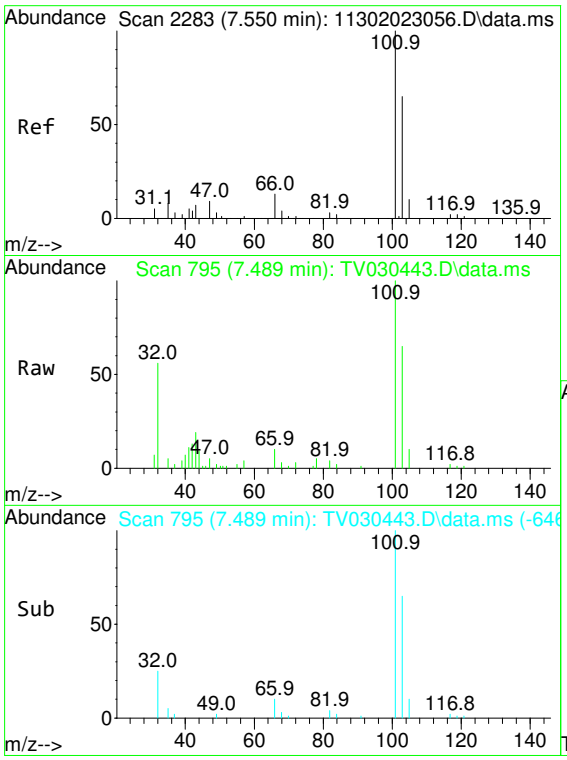


#10
ethanol
Concen: 22.25 ppbv
RT: 7.041 min Scan# 658
Delta R.T. 0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 45 Resp: 295531

Ion	Ratio	Lower	Upper
45	100		
46	41.7	40.0	60.0

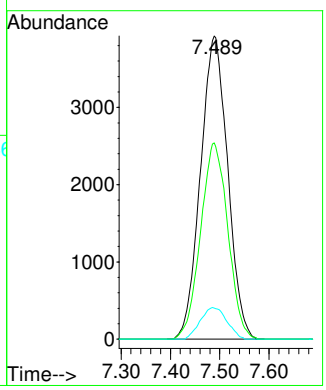


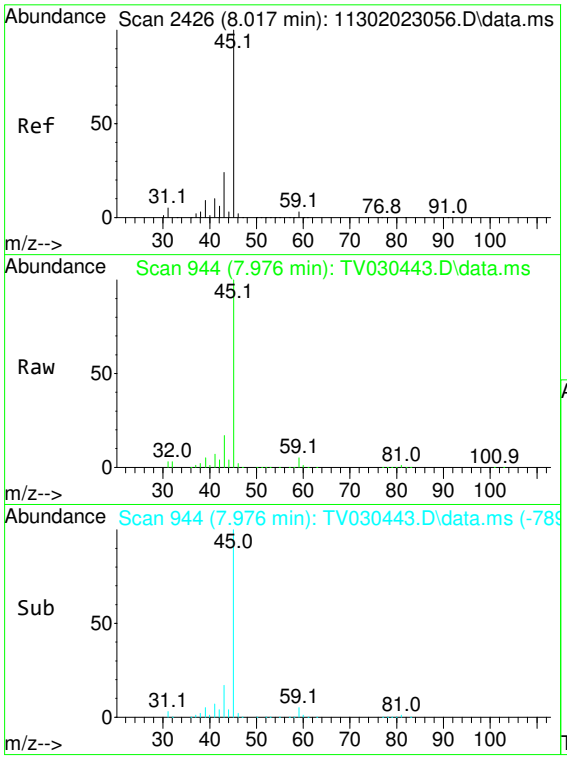


#12
Trichlorofluoromethane
Concen: 0.21 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:101 Resp: 15013

Ion	Ratio	Lower	Upper
101	100		
103	64.9	42.4	88.0
66	10.2	7.9	16.5

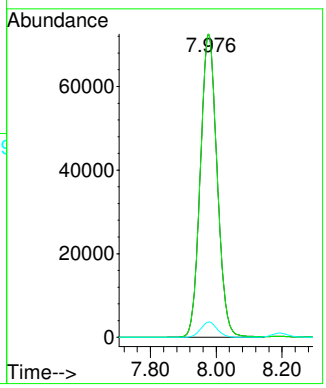


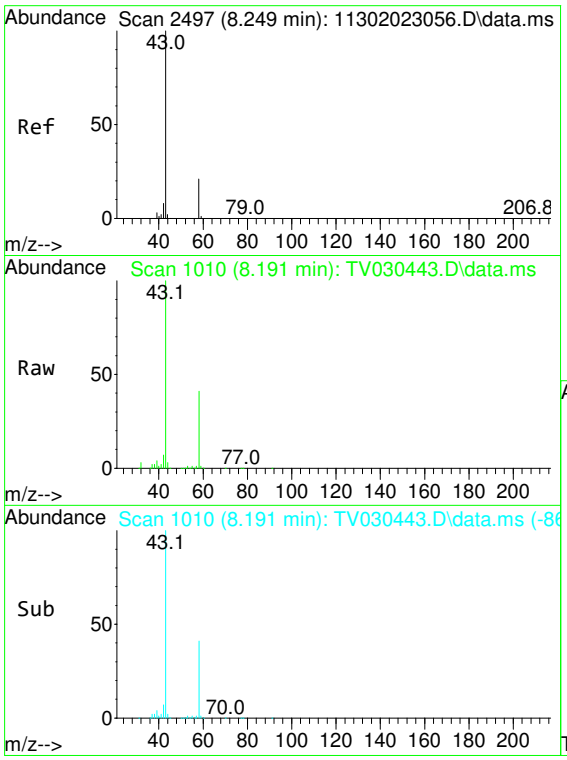


#13
Isopropanol
Concen: 4.57 ppbv
RT: 7.976 min Scan# 944
Delta R.T. 0.006 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 45 Resp: 257075

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	5.0	0.0	8.4

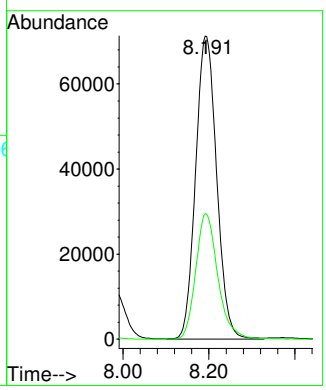


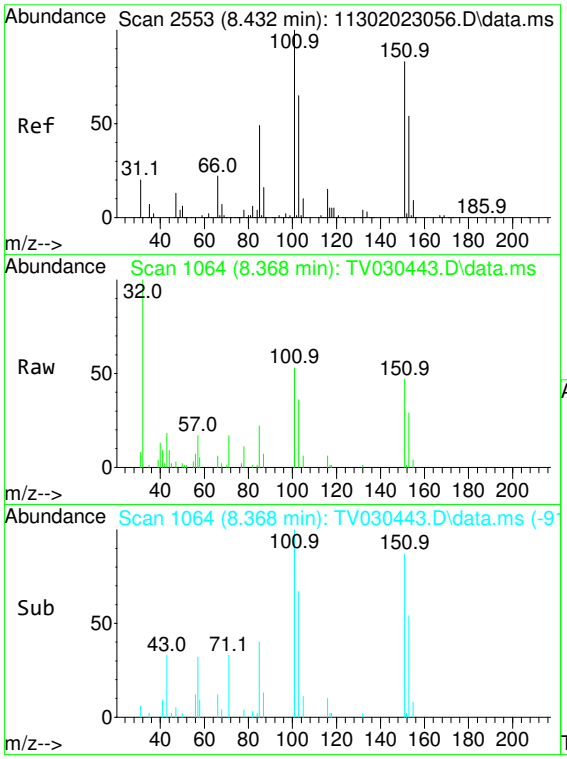


#15
Acetone
Concen: 6.41 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 43 Resp: 242045

Ion	Ratio	Lower	Upper
43	100		
58	43.6	20.7	42.9#

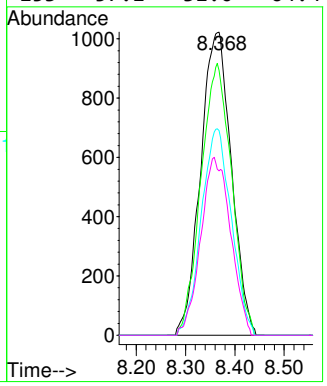


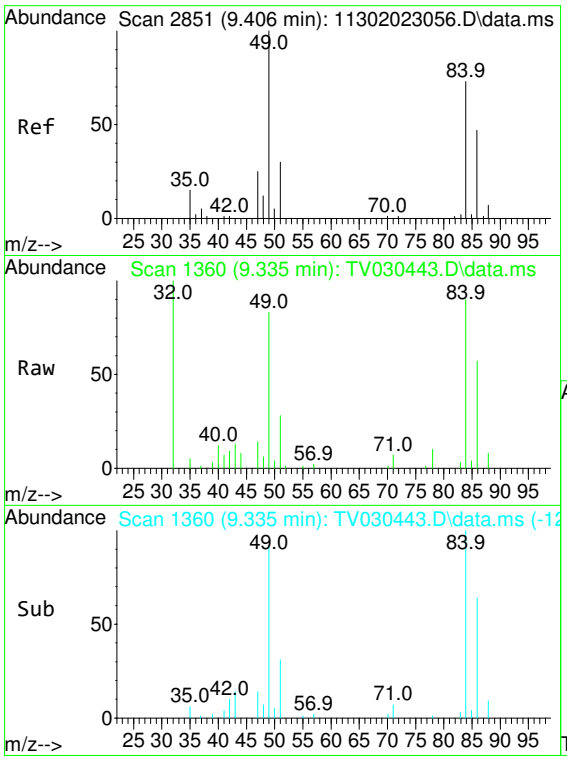


#16
Freon-113
Concen: 0.07 ppbv
RT: 8.368 min Scan# 1064
Delta R.T. -0.003 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:101 Resp: 4422

Ion	Ratio	Lower	Upper
101	100		
151	89.3	48.6	100.8
103	66.6	42.0	87.2
153	57.1	31.0	64.4

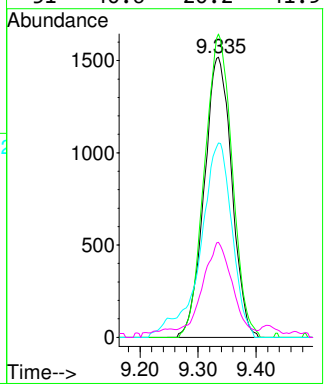


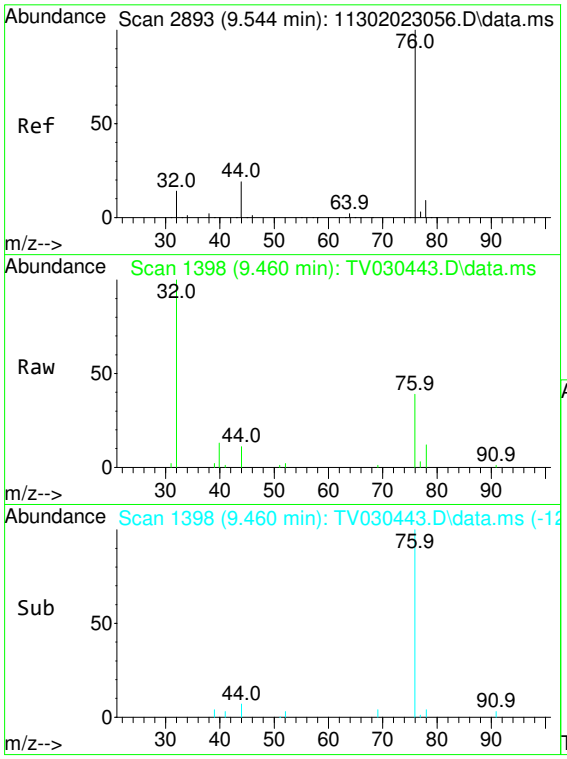


#19
Methylene Chloride
Concen: 0.17 ppbv
RT: 9.335 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 49 Resp: 4981

Ion	Ratio	Lower	Upper
49	100		
84	109.2	50.1	104.0#
86	80.0	32.2	66.8#
51	40.6	20.2	41.9

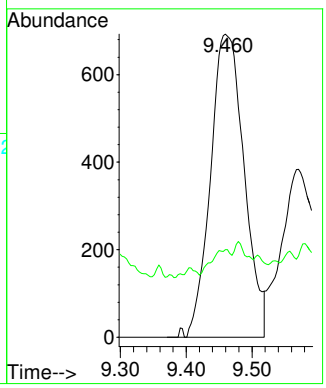


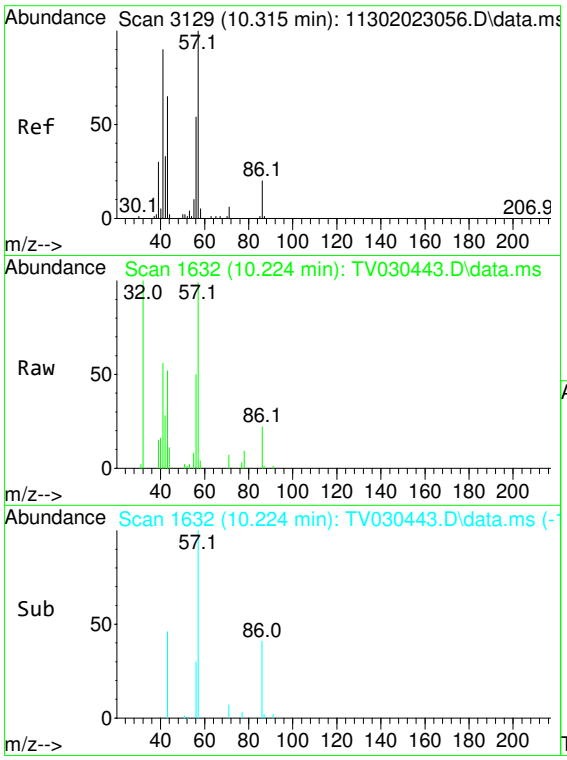


#21
Carbon disulfide
Concen: 0.03 ppbv
RT: 9.460 min Scan# 1398
Delta R.T. -0.020 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 76 Resp: 2468

Ion	Ratio	Lower	Upper
76	100		
44	0.0	8.4	17.4#

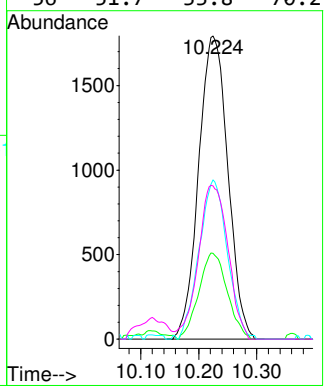


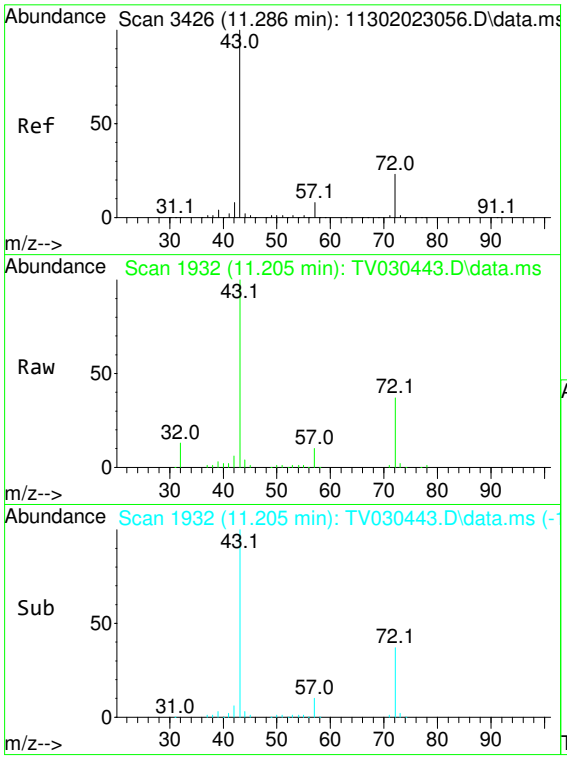


#24
Hexane
Concen: 0.15 ppbv
RT: 10.224 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 57 Resp: 6275

Ion	Ratio	Lower	Upper
57	100		
42	27.7	22.2	46.0
43	51.0	42.9	89.1
56	51.7	33.8	70.2

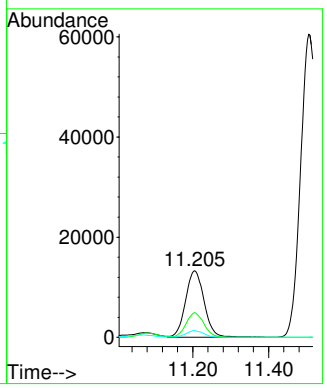


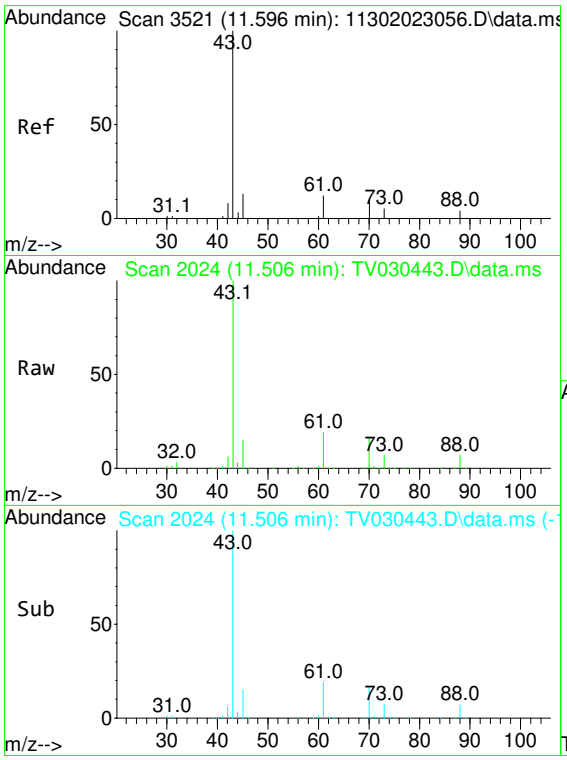


#27
2-Butanone
Concen: 0.91 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 43 Resp: 45356

Ion	Ratio	Lower	Upper
43	100		
72	35.5	16.4	34.2#
57	9.7	5.0	10.4

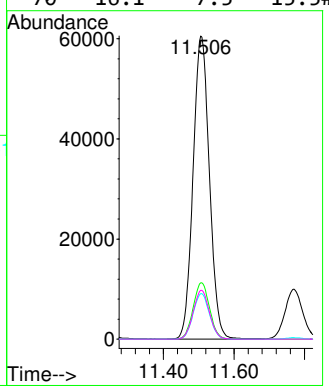


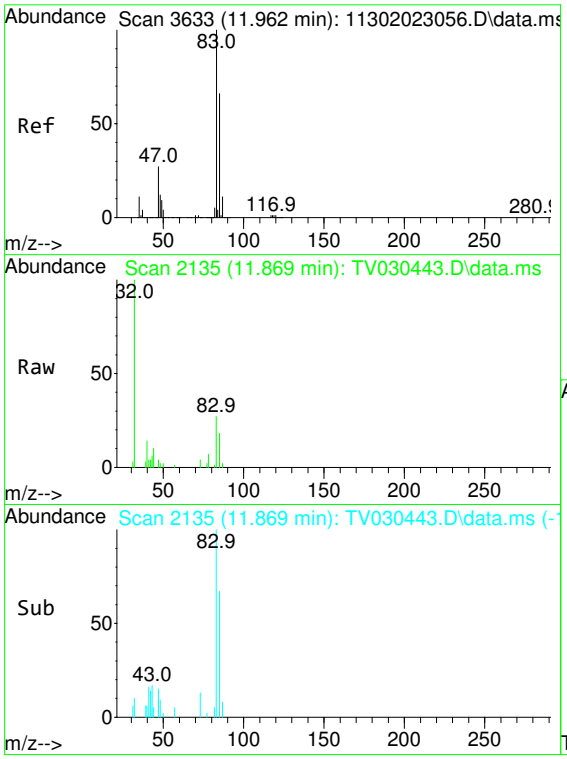


#28
Ethyl Acetate
Concen: 3.40 ppbv
RT: 11.506 min Scan# 2024
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 43 Resp: 194459

Ion	Ratio	Lower	Upper
43	100		
61	18.8	9.2	19.2
45	15.1	9.4	19.6
70	16.1	7.5	15.5#

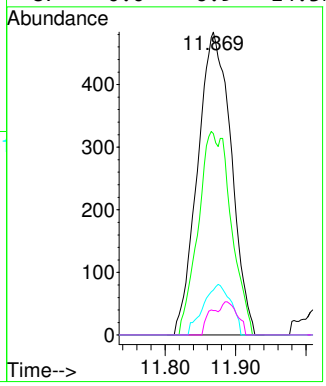


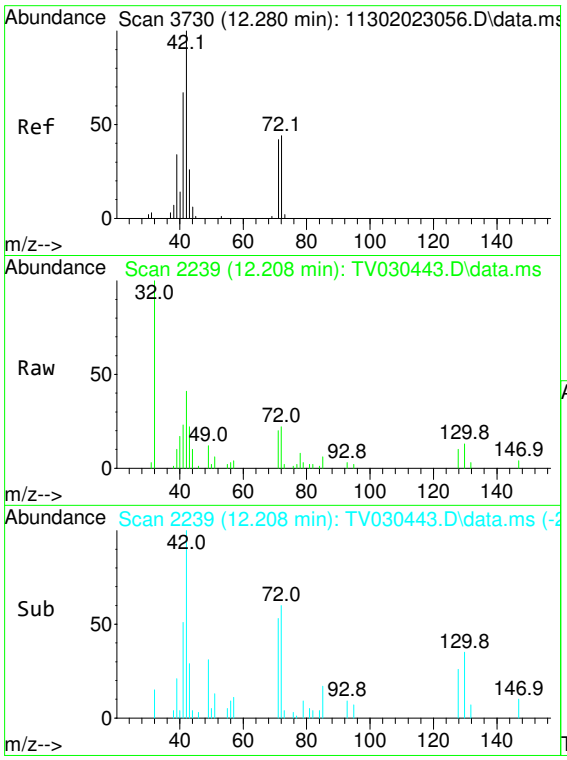


#30
Chloroform
Concen: 0.03 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 83 Resp: 1599

Ion	Ratio	Lower	Upper
83	100		
85	65.9	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

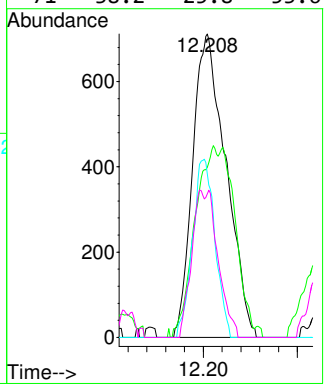


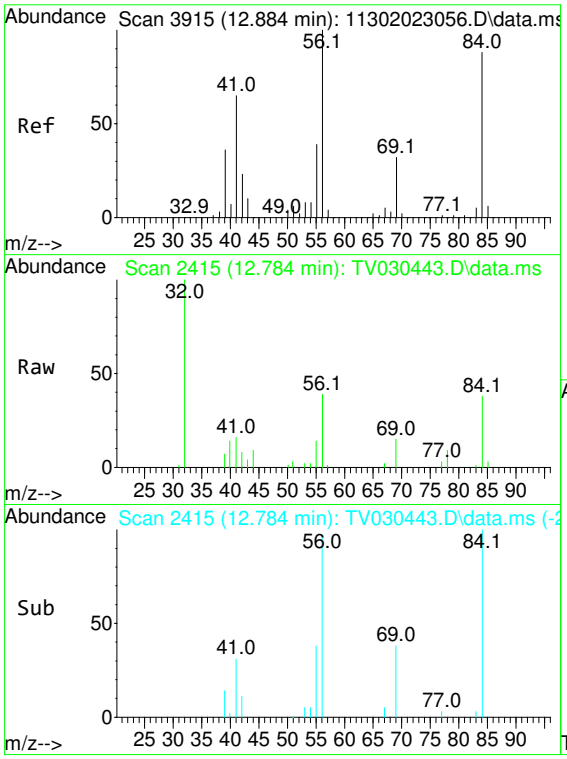


#31
Tetrahydrofuran
Concen: 0.12 ppbv
RT: 12.208 min Scan# 2239
Delta R.T. 0.006 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 42 Resp: 3488

Ion	Ratio	Lower	Upper
42	100		
41	75.4	34.5	71.7#
72	39.7	27.4	56.8
71	38.2	25.8	53.6

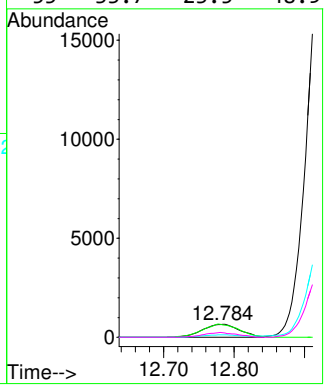


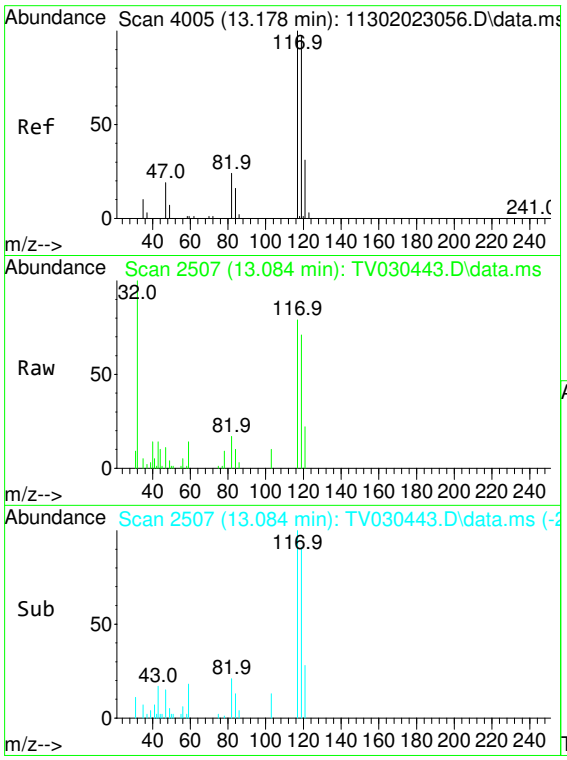


#33
Cyclohexane
Concen: 0.05 ppbv
RT: 12.784 min Scan# 2415
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 56 Resp: 2401

Ion	Ratio	Lower	Upper
56	100		
84	101.4	56.4	117.0
42	0.0	15.3	31.7#
55	33.7	23.5	48.9

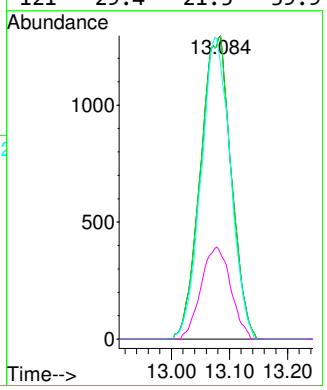


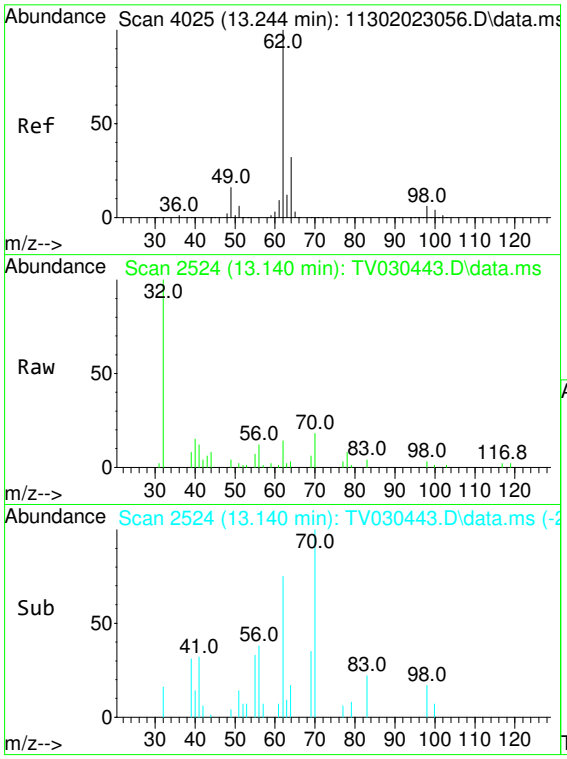


#35
Carbon Tetrachloride
Concen: 0.08 ppbv
RT: 13.084 min Scan# 2507
Delta R.T. -0.003 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:117 Resp: 4763

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	95.0	76.5	114.7
121	29.4	21.5	39.9

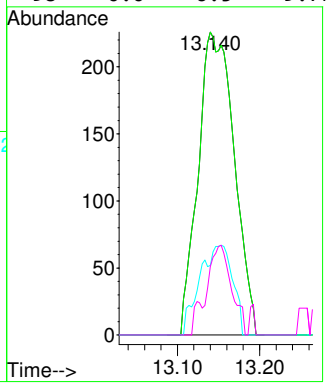


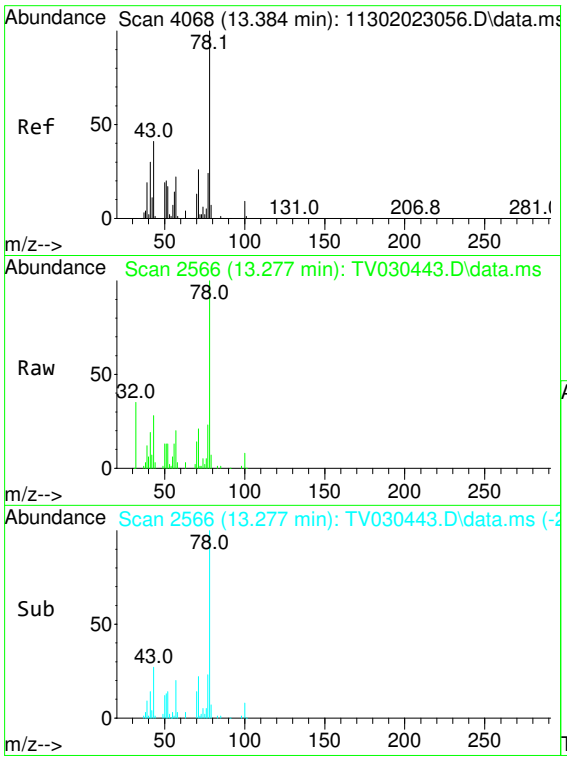


#36
1,2-Dichloroethane
Concen: 0.02 ppbv
RT: 13.140 min Scan# 2524
Delta R.T. -0.020 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 62 Resp: 687

Ion	Ratio	Lower	Upper
62	100		
62	100.0	80.0	120.0
64	0.0	26.0	39.0#
98	0.0	6.5	9.7#

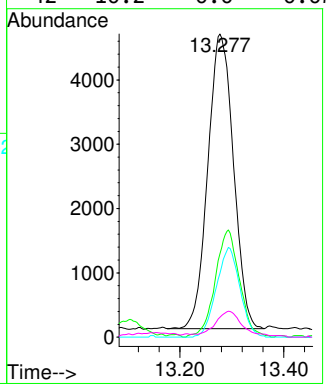


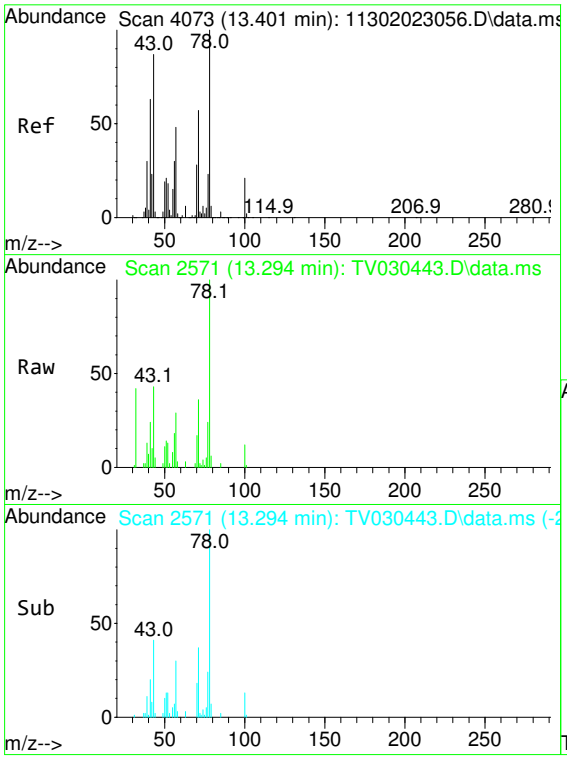


#37
Benzene
Concen: 0.17 ppbv
RT: 13.277 min Scan# 2566
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 78 Resp: 15692

Ion	Ratio	Lower	Upper
78	100		
43	34.4	0.0	0.0#
71	28.0	0.0	0.0#
42	10.2	0.0	0.0#

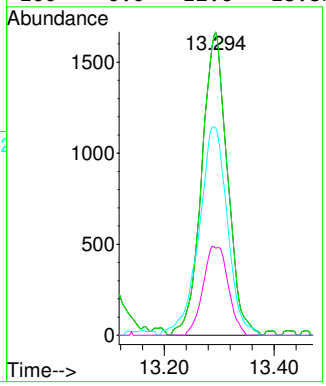


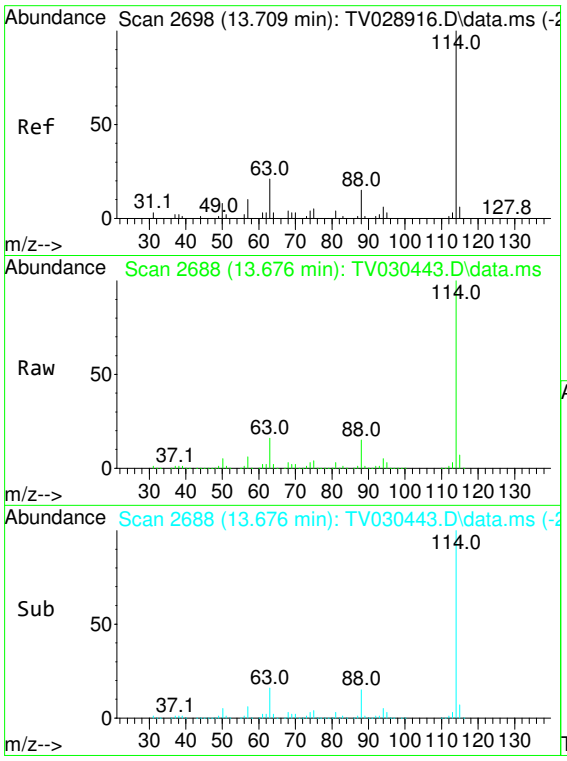


#38
n-Heptane
Concen: 0.13 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 43 Resp: 5394

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	0.0	12.6	18.8#

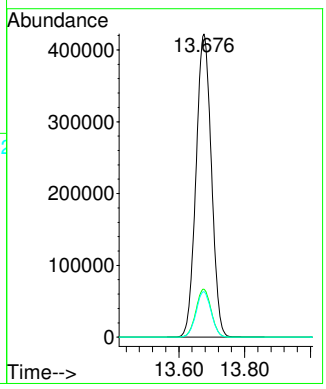


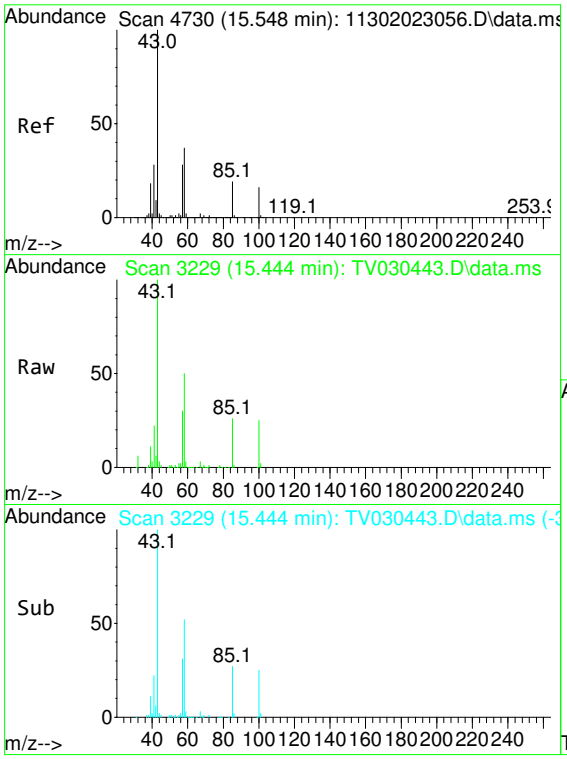


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:114 Resp: 1365935

Ion	Ratio	Lower	Upper
114	100		
63	15.8	14.0	29.2
88	14.8	11.2	23.2

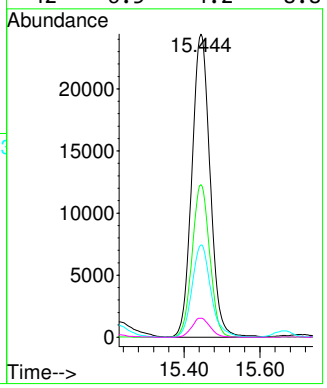


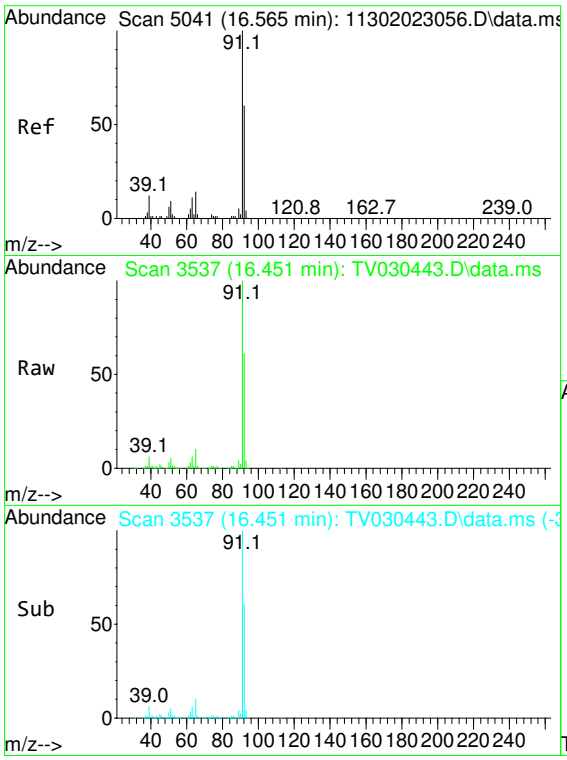


#45
Methyl Isobutyl Ketone
Concen: 1.16 ppbv
RT: 15.444 min Scan# 3229
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 43 Resp: 81323

Ion	Ratio	Lower	Upper
43	100		
58	48.6	25.3	52.5
57	31.6	16.1	33.5
42	6.5	4.2	8.8

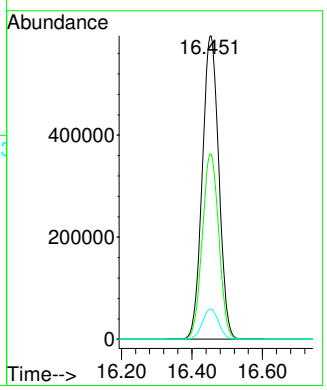


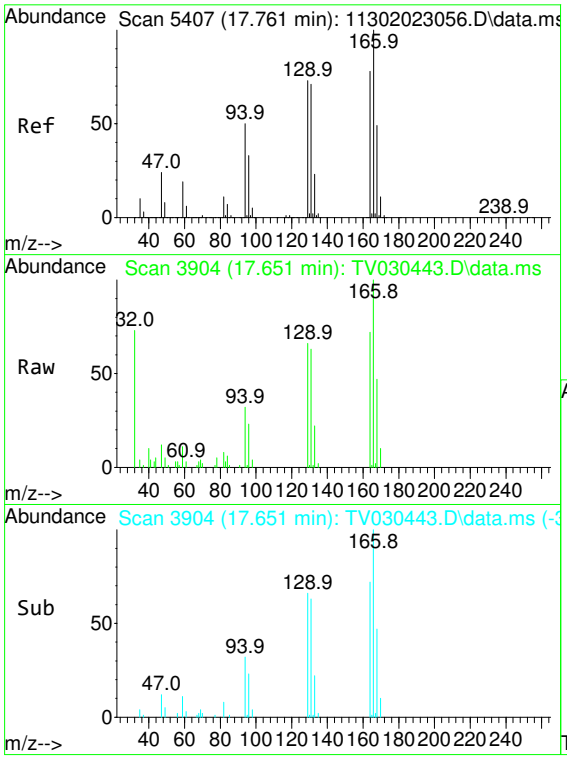


#47
Toluene
Concen: 13.79 ppbv
RT: 16.451 min Scan# 3537
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 1928548

Ion	Ratio	Lower	Upper
91	100		
92	61.2	39.0	81.0
65	9.9	7.7	16.1

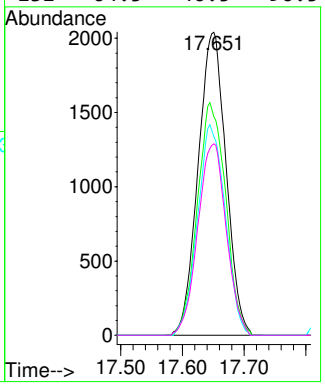


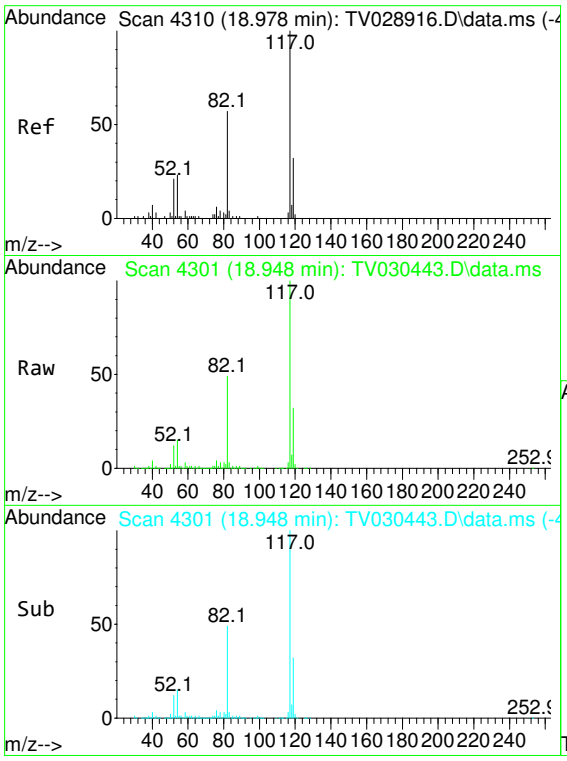


#52
Tetrachloroethylene
Concen: 0.10 ppbv
RT: 17.651 min Scan# 3904
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:166 Resp: 6413

Ion	Ratio	Lower	Upper
166	100		
164	77.9	51.4	106.8
129	69.0	47.0	97.6
131	64.5	46.5	96.5

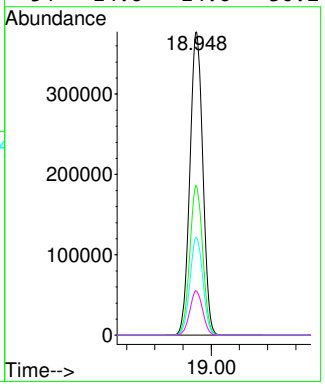


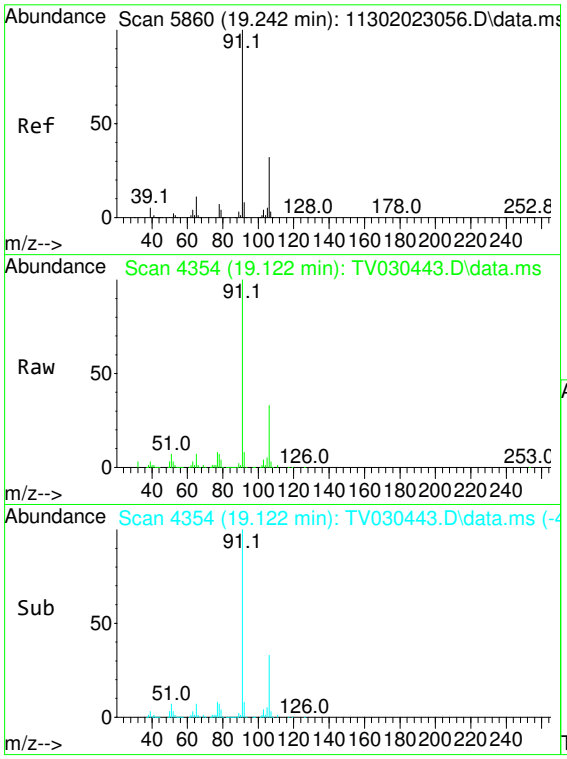


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:117 Resp: 1202338

Ion	Ratio	Lower	Upper
117	100		
82	49.2	38.7	80.5
119	32.3	20.3	42.3
54	14.6	14.6	30.2

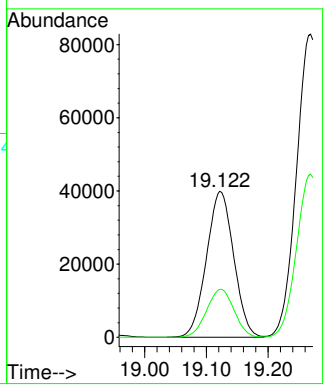


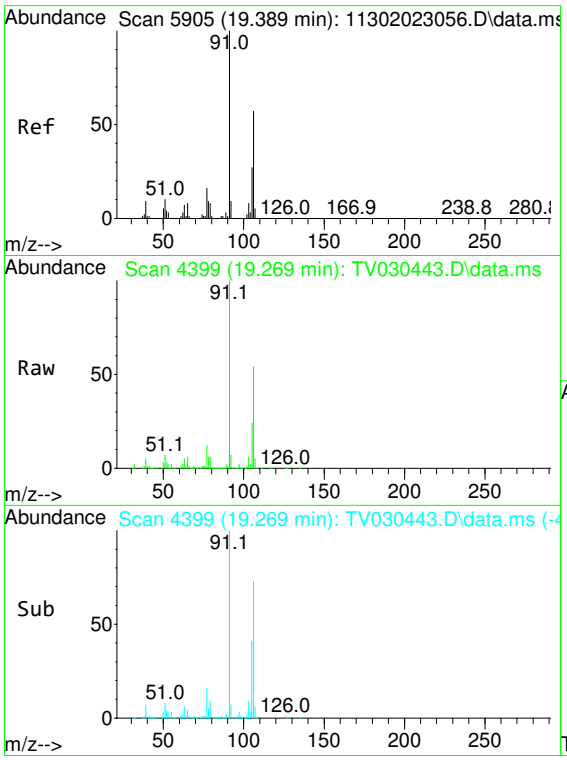


#58
Ethylbenzene
Concen: 0.70 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 122243

Ion	Ratio	Lower	Upper
91	100		
106	33.4	20.3	42.3

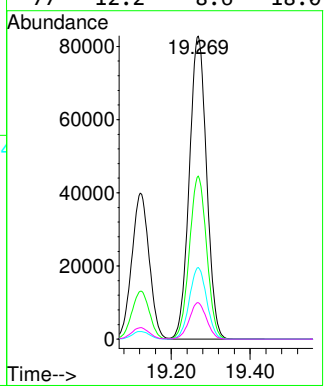


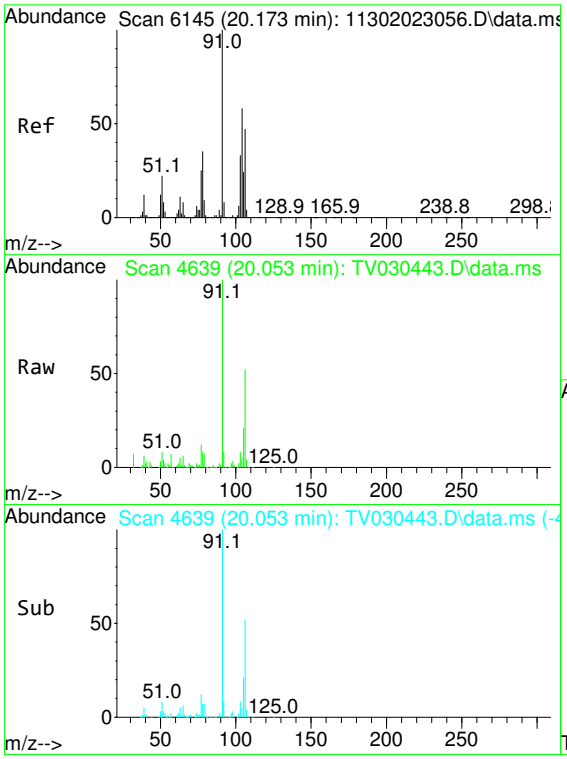


#59
p- & m-Xylenes
Concen: 1.89 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 251404

Ion	Ratio	Lower	Upper
91	100		
106	53.9	31.0	64.4
105	23.7	13.4	27.8
77	12.2	8.6	18.0

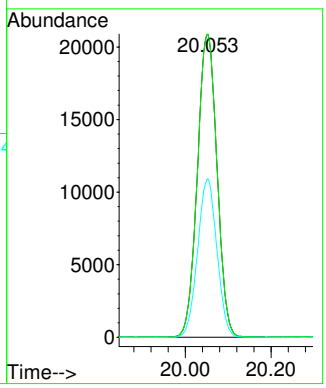


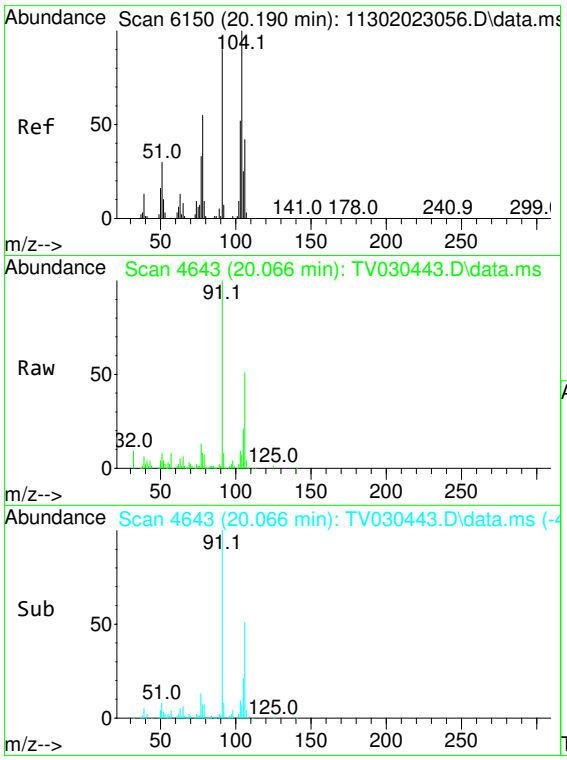


#60
o-Xylene
Concen: 0.48 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 66445

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	51.3	36.9	55.3

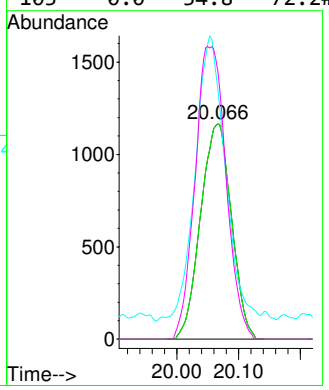


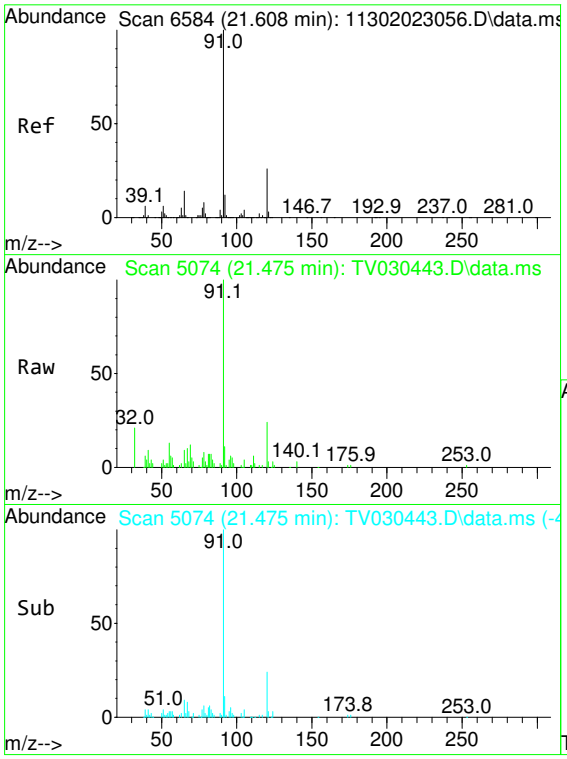


#61
Styrene
Concen: 0.04 ppbv
RT: 20.066 min Scan# 4643
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:104 Resp: 4043

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

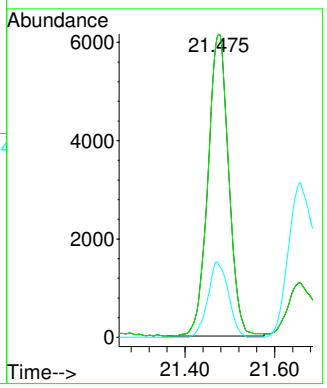


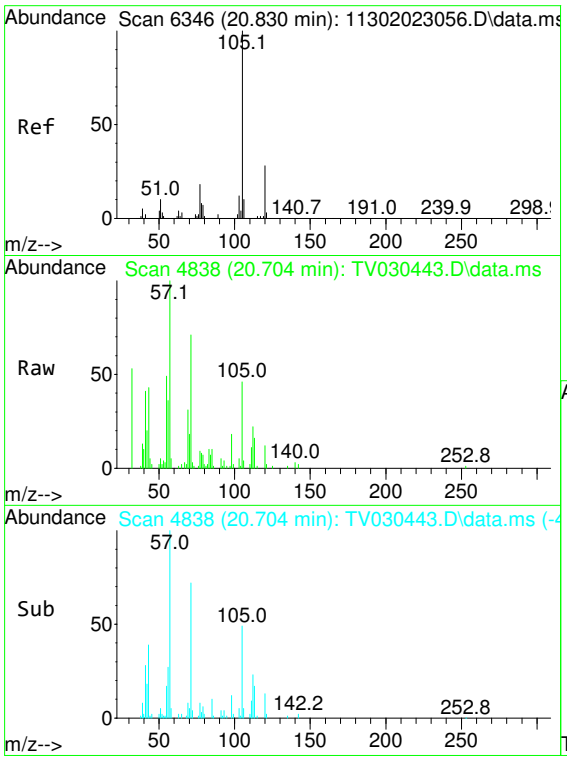


#63
n-Propylbenzene
Concen: 0.09 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 19767

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.6	11.0	33.0

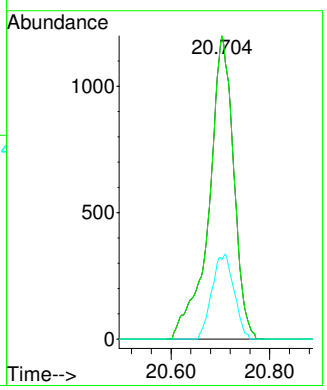


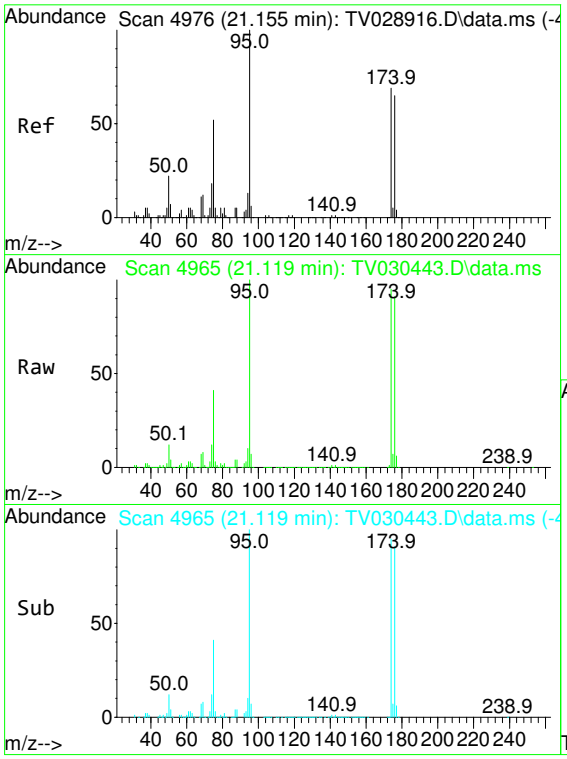


#64
Isopropylbenzene
Concen: 0.02 ppbv
RT: 20.704 min Scan# 4838
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:105 Resp: 4151

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	25.1	13.1	39.1

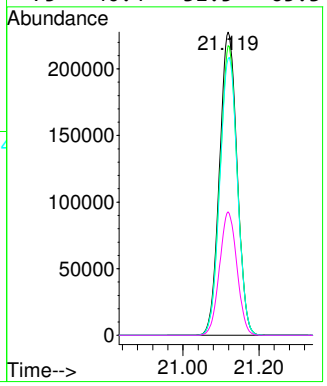


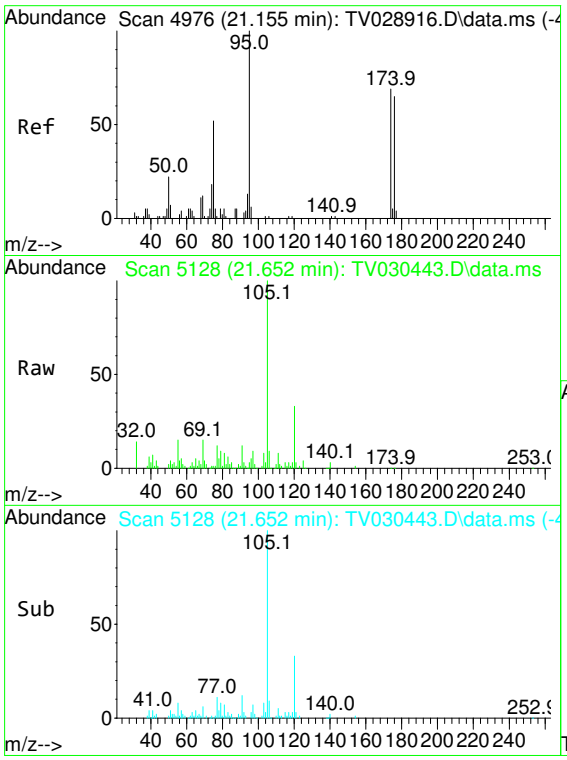


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 95 Resp: 730524

Ion	Ratio	Lower	Upper
95	100		
174	94.3	50.0	103.8
176	91.8	48.2	100.2
75	40.4	31.5	65.3

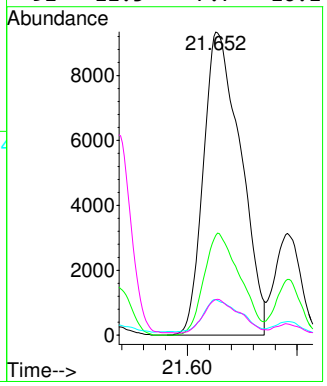


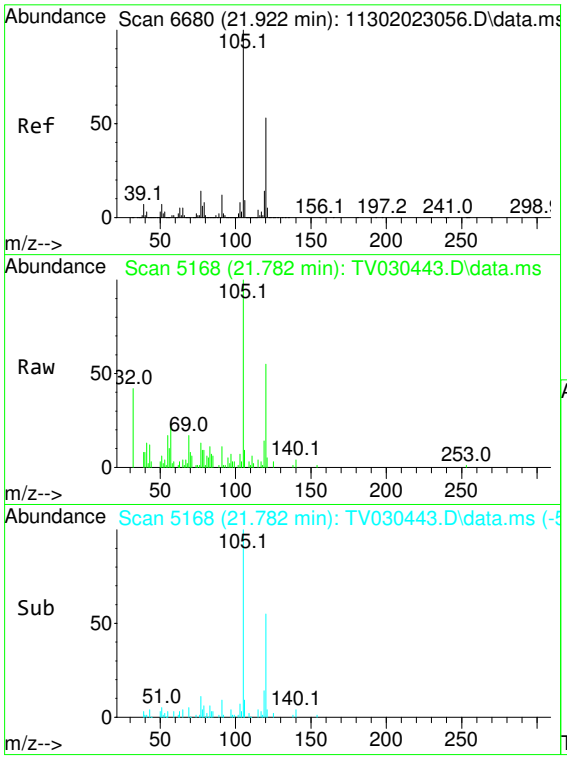


#67
4-Ethyltoluene
Concen: 0.23 ppbv
RT: 21.652 min Scan# 5128
Delta R.T. -0.059 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:105 Resp: 43939

Ion	Ratio	Lower	Upper
105	100		
120	32.8	17.2	35.6
77	11.7	7.6	15.8
91	11.5	7.7	16.1

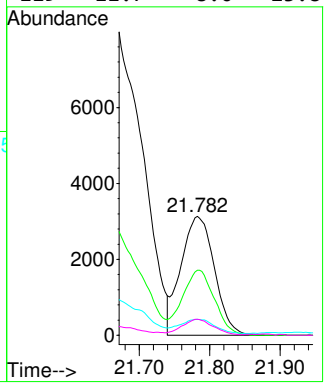


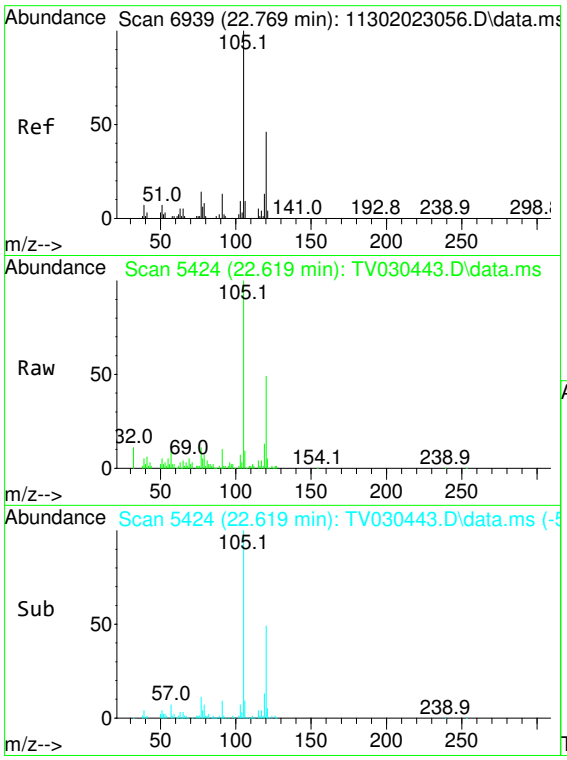


#68
1,3,5-Trimethylbenzene
Concen: 0.06 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:105 Resp: 10383

Ion	Ratio	Lower	Upper
105	100		
120	52.7	43.4	65.2
77	12.3	10.8	16.2
119	11.7	8.0	23.8

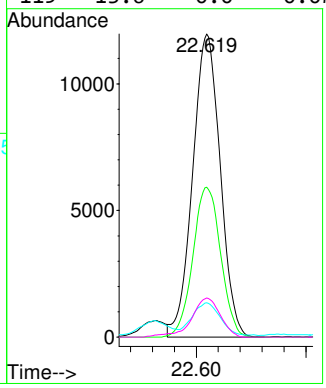


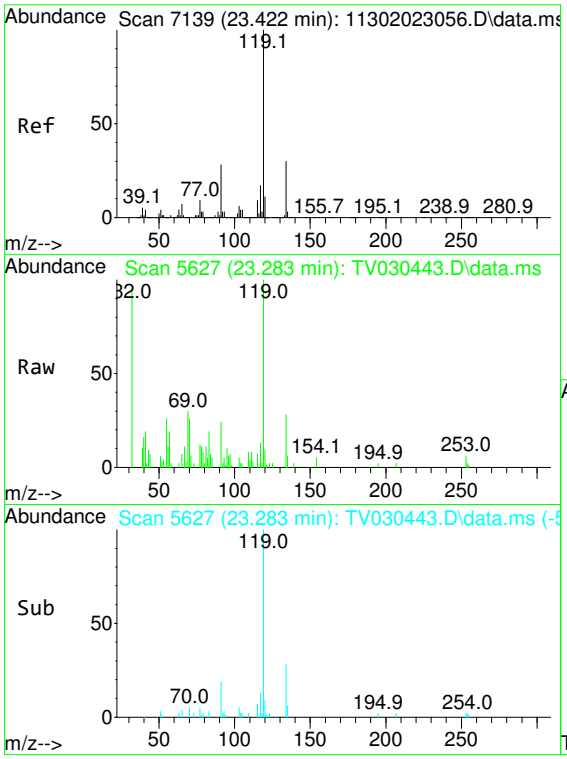


#70
1,2,4-Trimethylbenzene
Concen: 0.25 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:105 Resp: 41780

Ion	Ratio	Lower	Upper
105	100		
120	49.8	29.0	60.2
77	11.0	8.2	17.0
119	13.6	0.0	0.0#

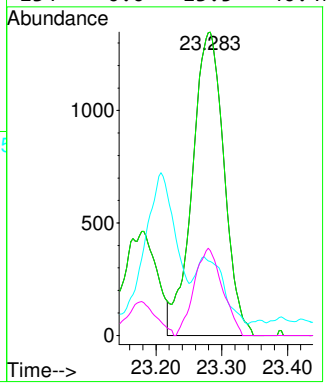


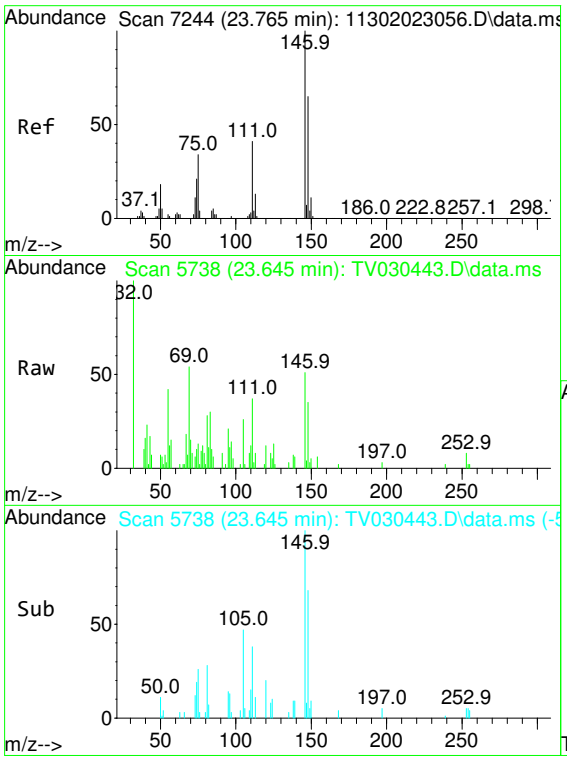


#72
p-Isopropyltoluene
Concen: 0.02 ppbv
RT: 23.283 min Scan# 5627
Delta R.T. -0.013 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:119 Resp: 4505

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	13.5	40.4#

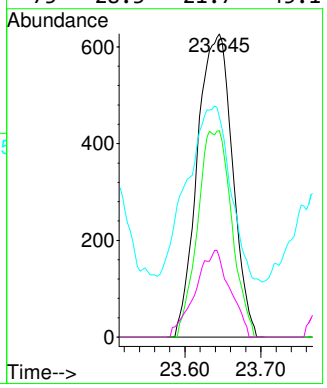


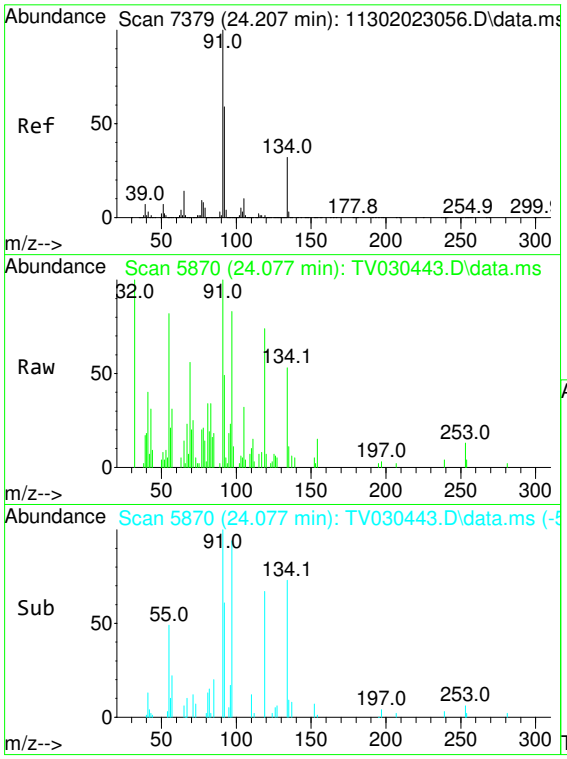


#74
1,4-Dichlorobenzene
Concen: 0.02 ppbv
RT: 23.645 min Scan# 5738
Delta R.T. -0.010 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:146 Resp: 2008

Ion	Ratio	Lower	Upper
146	100		
148	66.1	41.3	85.7
111	76.9	25.4	52.8#
75	28.3	21.7	45.1

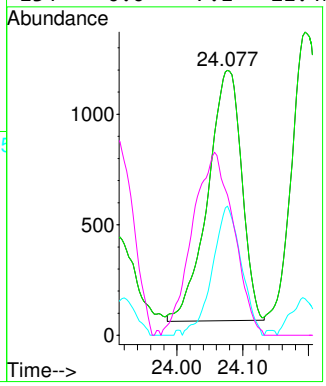


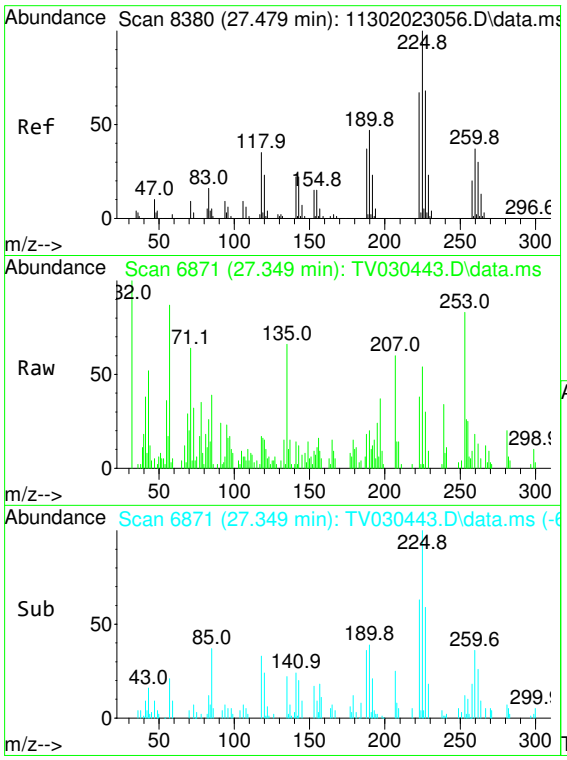


#76
n-Butylbenzene
Concen: 0.02 ppbv
RT: 24.077 min Scan# 5870
Delta R.T. -0.017 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion: 91 Resp: 4051

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
92	44.8	27.8	41.8#
134	0.0	7.1	21.4#

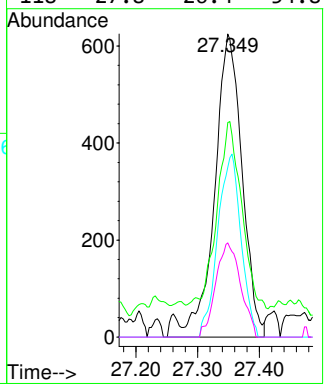


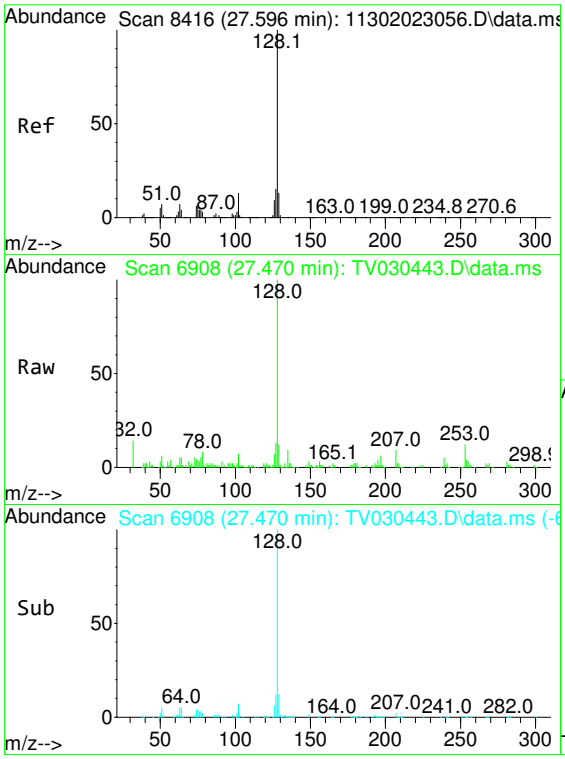


#79
Hexachlorobutadiene
Concen: 0.03 ppbv
RT: 27.349 min Scan# 6871
Delta R.T. -0.020 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:225 Resp: 1955

Ion	Ratio	Lower	Upper
225	100		
223	53.5	41.4	86.0
227	50.4	43.4	90.2
118	27.8	26.4	54.8

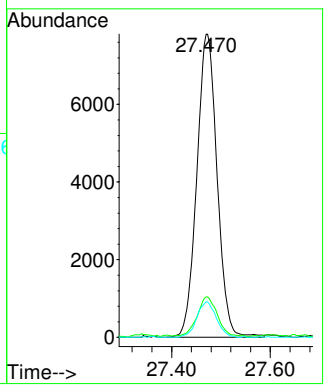




#80
Naphthalene
Concen: 0.12 ppbv
RT: 27.470 min Scan# 6908
Delta R.T. -0.020 min
Lab File: TV030443.D
Acq: 21 Apr 2025 01:33 pm

Tgt Ion:128 Resp: 22275

Ion	Ratio	Lower	Upper
128	100		
127	13.1	8.1	16.9
129	11.3	7.3	15.1



Sample Information

Client Sample ID: AI-1 20250326 **York Sample ID: 25C1721-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.49	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.39	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.49	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.60		ug/m³	0.55	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.39	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.071	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.53	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.49		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.55	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.50	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.47	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
540-84-1	*** 2,2,4-Trimethylpentane**	2.0		ug/m³	0.17	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
78-93-3	**2-Butanone**	2.0		ug/m³	0.21	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
108-10-1	**4-Methyl-2-pentanone**	0.88		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
67-64-1	**Acetone**	49		ug/m³	1.4	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
107-13-1	**Acrylonitrile**	3.9		ug/m³	2.0	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
71-43-2	**Benzene**	2.0		ug/m³	0.23	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.37	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.48	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-25-2	Bromoform	ND		ug/m³	0.74	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
74-83-9	Bromomethane	ND		ug/m³	0.28	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.22	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
56-23-5	**Carbon tetrachloride**	0.49		ug/m³	0.11	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR

Sample Information

Client Sample ID: AI-1 20250326 **York Sample ID: 25C1721-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-00-3	Chloroethane	ND		ug/m³	0.19	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
67-66-3	Chloroform	ND		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
74-87-3	**Chloromethane**	1.2		ug/m³	0.15	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.071	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
110-82-7	**Cyclohexane**	0.47		ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.61	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
141-78-6	*** Ethyl acetate**	79		ug/m³	0.52	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
100-41-4	**Ethyl Benzene**	1.4		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.76	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
67-63-0	**Isopropanol**	12	CAL-E	ug/m³	1.1	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
80-62-6	**Methyl Methacrylate**	0.79		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.75	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
142-82-5	**n-Heptane**	5.5		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
110-54-3	**n-Hexane**	1.5		ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
95-47-6	**o-Xylene**	0.96		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
179601-23-1	**p- & m- Xylenes**	3.0		ug/m³	0.62	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
622-96-8	*** p-Ethyltoluene**	0.46		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
115-07-1	*** Propylene**	1.6		ug/m³	0.12	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
100-42-5	**Styrene**	0.40		ug/m³	0.30	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
127-18-4	**Tetrachloroethylene**	0.48		ug/m³	0.48	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.42	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
108-88-3	**Toluene**	13		ug/m³	0.27	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.28	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.096	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.40	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
108-05-4	**Vinyl acetate**	0.93	ICVE	ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.091	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*103 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*100 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030448.D
Acq On : 21 Apr 2025 06:32 pm
Operator : YR
Sample : 25C1721-02
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.715
InstName : TO15_AIR3

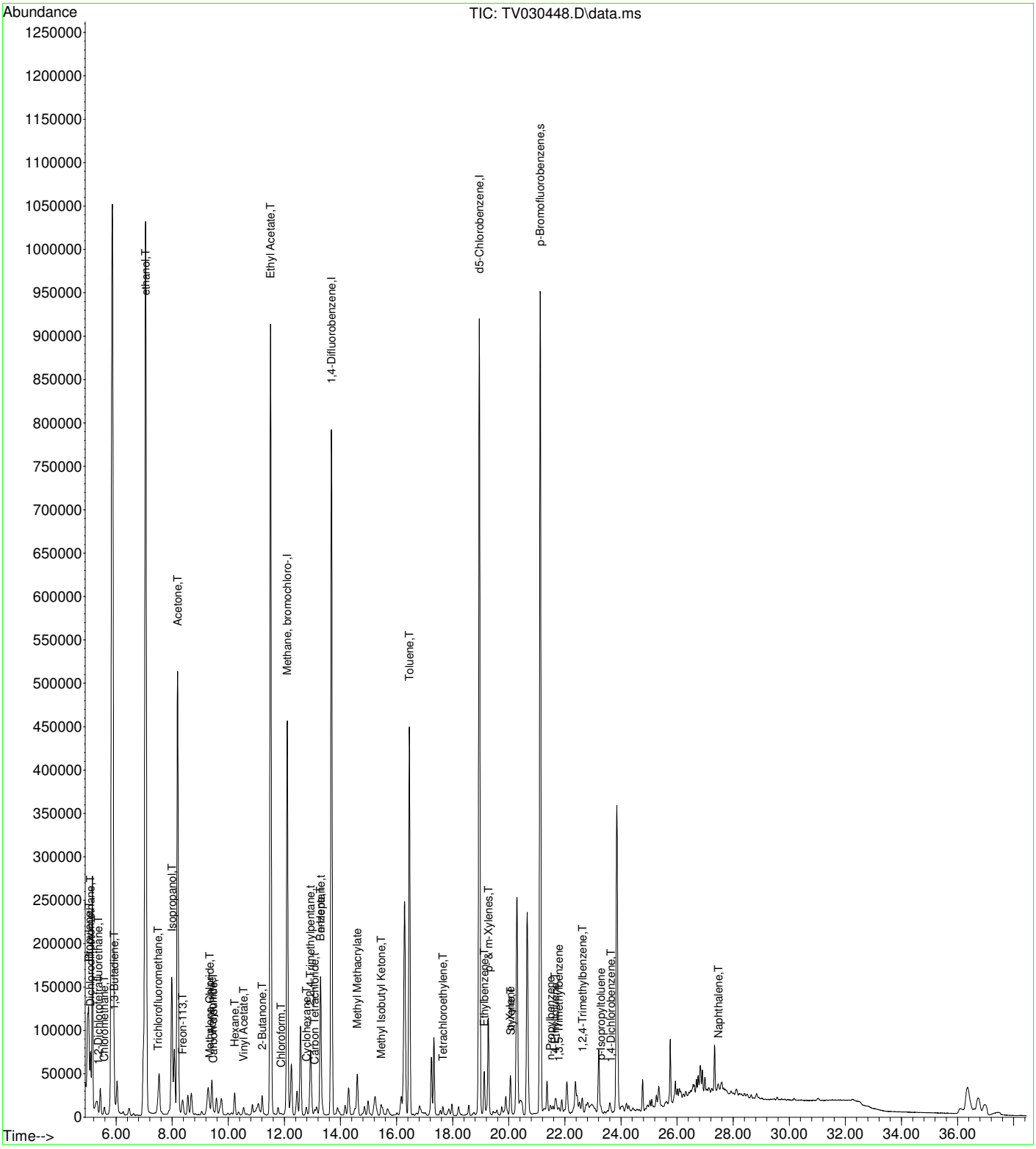
Quant Time: Apr 21 19:55:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

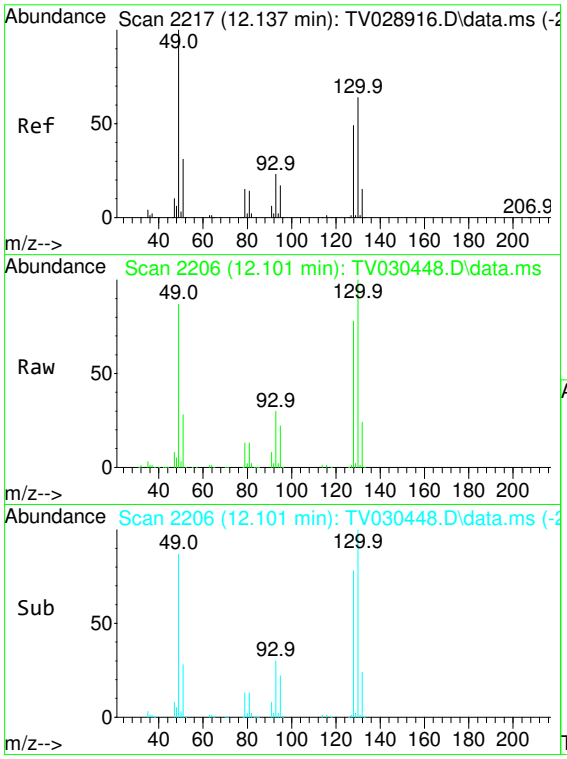
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	302853	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1259602	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.948	117	1101068	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	661110	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.021	42	15916	1.26	ppbv	#	11
3) Dichlorodifluoromethane	5.089	85	49840	0.72	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.361	85	1926	0.02	ppbv	#	87
5) Chloromethane	5.580	50	15916	0.78	ppbv		100
7) 1,3-Butadiene	5.933	54	1396	0.07	ppbv	#	80
10) ethanol	7.051	45	1276600	100.17	ppbv		89
12) Trichlorofluoromethane	7.489	101	23876	0.36	ppbv		99
13) Isopropanol	7.985	45	364011	6.75	ppbv		100
15) Acetone	8.191	43	1046156	28.88	ppbv		82
16) Freon-113	8.365	101	6599	0.11	ppbv		91
19) Methylene Chloride	9.335	49	8364	0.30	ppbv	#	60
20) Acrylonitrile	9.414	53	57161	2.50	ppbv	#	100
21) Carbon disulfide	9.463	76	7712	0.09	ppbv		92
24) Hexane	10.228	57	24312	0.59	ppbv		90
25) Vinyl Acetate	10.545	43	21219	0.37	ppbv	#	98
27) 2-Butanone	11.205	43	44301	0.93	ppbv	#	85
28) Ethyl Acetate	11.506	43	1682107	30.69	ppbv	#	92
30) Chloroform	11.875	83	2507	0.04	ppbv	#	85
33) Cyclohexane	12.784	56	8161	0.19	ppbv		89
34) 2,2,4-Trimethylpentane	12.928	57	74619	0.59	ppbv	#	39
35) Carbon Tetrachloride	13.075	117	6453	0.11	ppbv		100
37) Benzene	13.281	78	79041	0.87	ppbv	#	100
38) n-Heptane	13.294	43	74974	1.86	ppbv	#	89
42) Methyl Methacrylate	14.598	69	10478	0.27	ppbv	#	51
45) Methyl Isobutyl Ketone	15.448	43	19068	0.30	ppbv		92
47) Toluene	16.454	91	636231	4.93	ppbv		98
52) Tetrachloroethylene	17.648	166	5683	0.10	ppbv		96
58) Ethylbenzene	19.122	91	70421	0.44	ppbv		96
59) p- & m-Xylenes	19.269	91	118465	0.97	ppbv		92
60) o-Xylene	20.053	91	39378	0.31	ppbv		98
61) Styrene	20.070	104	12472	0.13	ppbv	#	74
63) n-Propylbenzene	21.475	91	9736	0.05	ppbv		100
67) 4-Ethyltoluene	21.655	105	23019	0.13	ppbv		93
68) 1,3,5-Trimethylbenzene	21.782	105	5755	0.04	ppbv	#	89
70) 1,2,4-Trimethylbenzene	22.619	105	21827	0.14	ppbv	#	96
72) p-Isopropyltoluene	23.279	119	10626	0.05	ppbv	#	89
74) 1,4-Dichlorobenzene	23.642	146	1607	0.02	ppbv	#	41
80) Naphthalene	27.470	128	8806	0.05	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030448.D
Acq On : 21 Apr 2025 06:32 pm
Operator : YR
Sample : 25C1721-02
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.715
InstName : TO15_AIR3

Quant Time: Apr 21 19:55:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

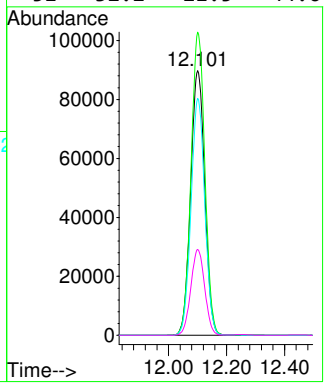


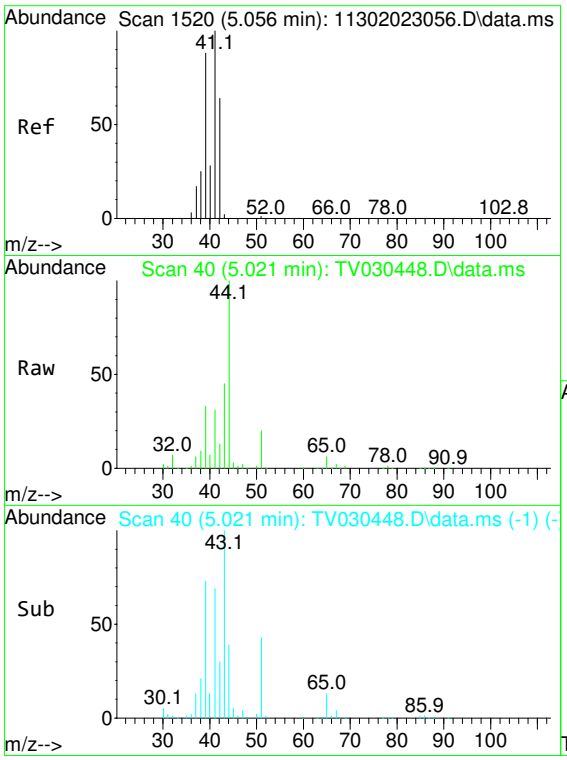


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 49 Resp: 302853

Ion	Ratio	Lower	Upper
49	100		
130	112.9	44.5	92.3#
128	87.5	34.7	72.1#
51	32.2	21.5	44.6

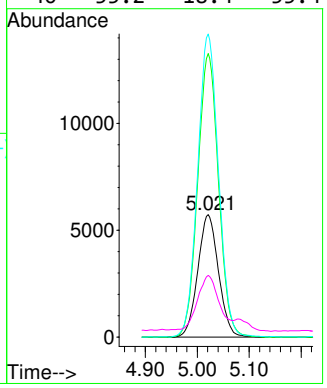


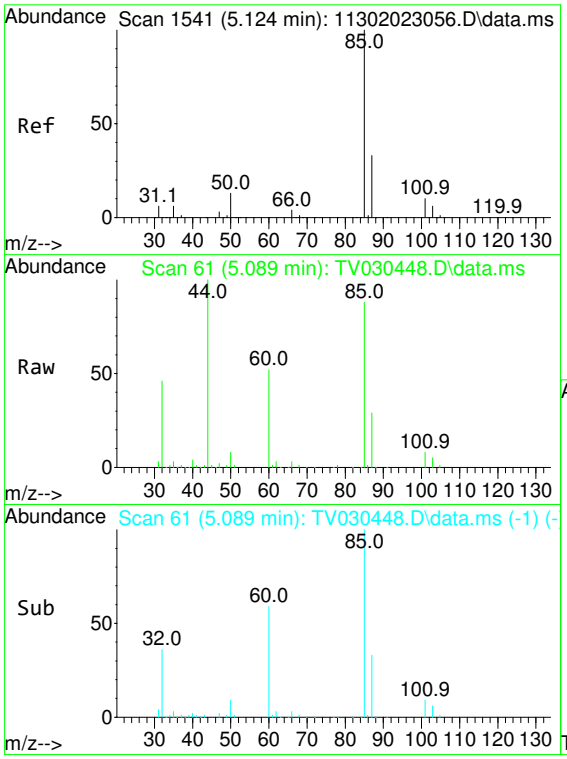


#2
Propylene
Concen: 1.26 ppbv
RT: 5.021 min Scan# 40
Delta R.T. -0.020 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 42 Resp: 15916

Ion	Ratio	Lower	Upper
42	100		
41	232.6	88.9	207.5#
39	249.5	52.2	156.6#
40	55.2	18.4	55.4

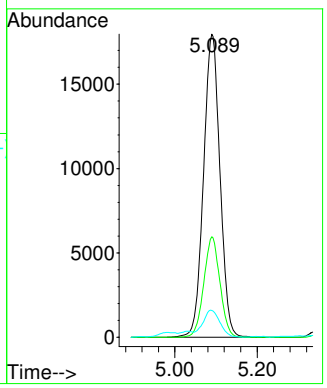


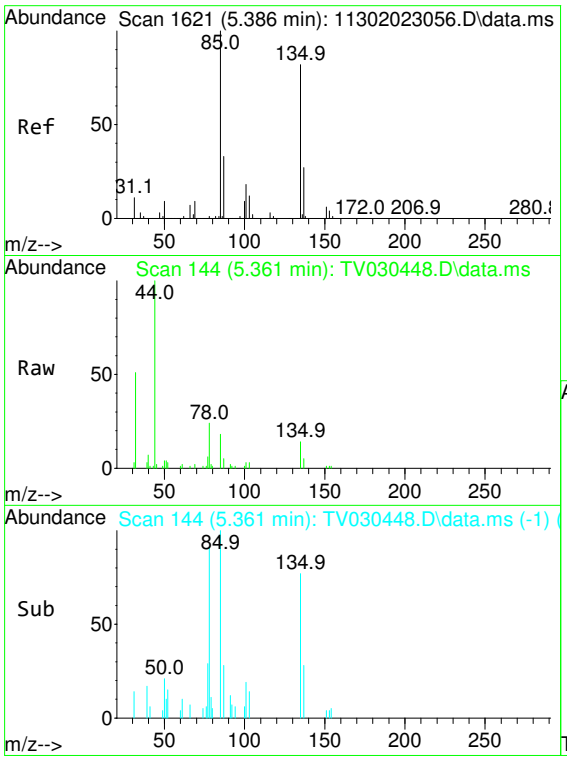


#3
Dichlorodifluoromethane
Concen: 0.72 ppbv
RT: 5.089 min Scan# 61
Delta R.T. -0.023 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 85 Resp: 49840

Ion	Ratio	Lower	Upper
85	100		
87	32.7	21.0	43.6
50	10.4	6.8	14.2

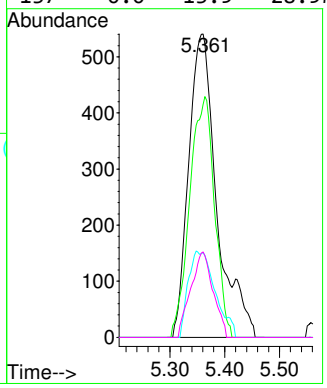


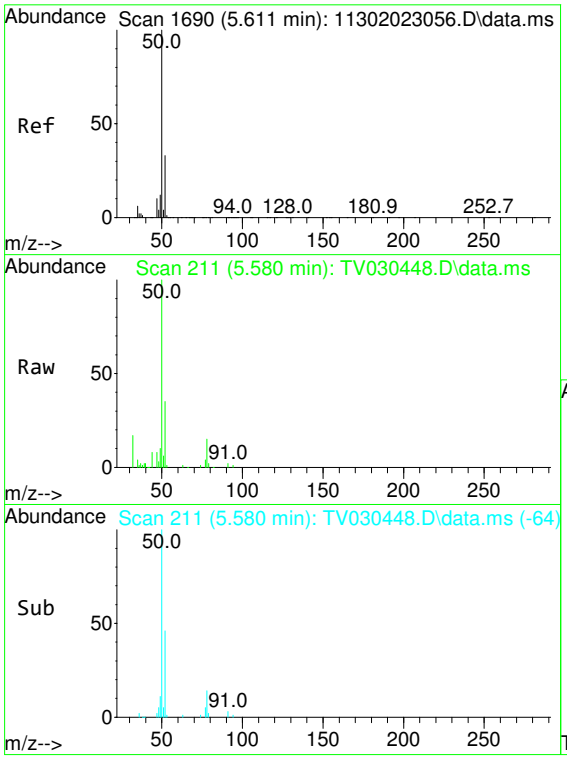


#4
1,2-Dichlorotetrafluorethane
Concen: 0.02 ppbv
RT: 5.361 min Scan# 144
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 85 Resp: 1926

Ion	Ratio	Lower	Upper
85	100		
135	70.3	43.7	90.7
87	27.2	20.9	43.3
137	0.0	13.9	28.9#

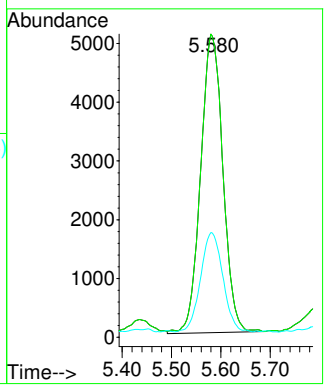


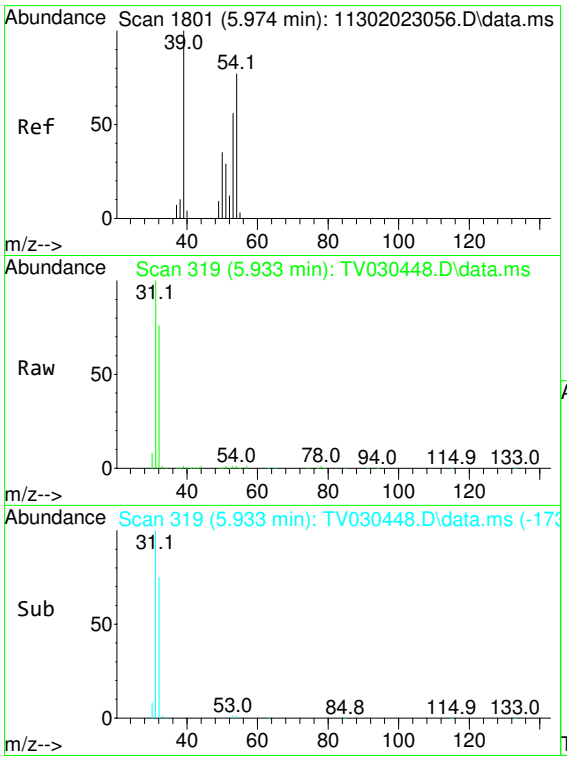


#5
Chloromethane
Concen: 0.78 ppbv
RT: 5.580 min Scan# 211
Delta R.T. -0.020 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 50 Resp: 15916

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	32.9	16.5	49.5

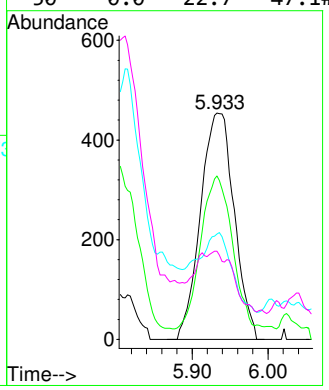


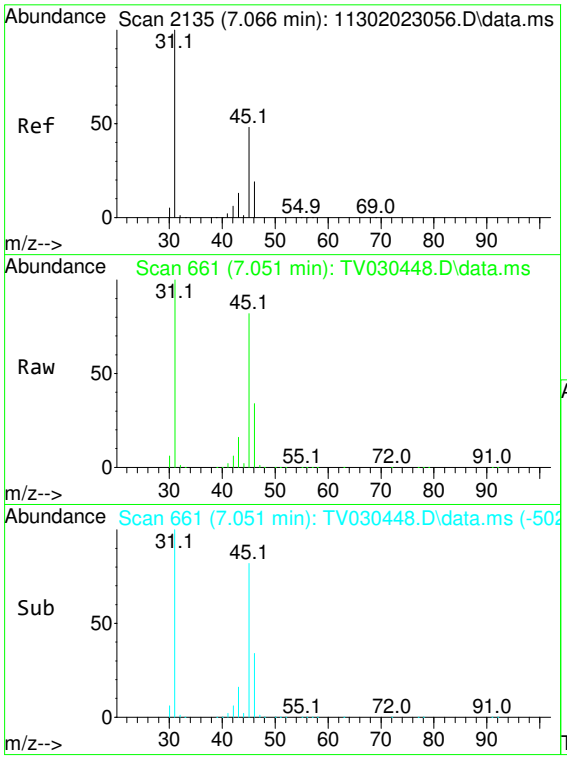


#7
1,3-Butadiene
Concen: 0.07 ppbv
RT: 5.933 min Scan# 319
Delta R.T. -0.023 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 54 Resp: 1396

Ion	Ratio	Lower	Upper
54	100		
53	64.3	43.4	90.2
51	37.8	19.9	41.3
50	0.0	22.7	47.1#

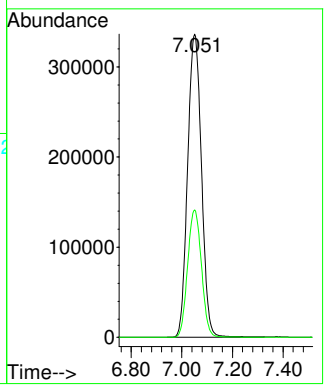


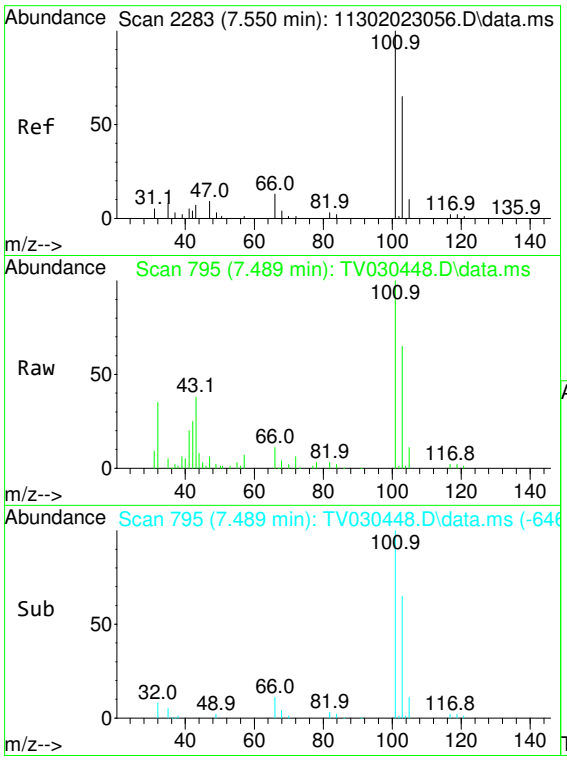


#10
ethanol
Concen: 100.17 ppbv
RT: 7.051 min Scan# 661
Delta R.T. 0.019 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 45 Resp: 1276600

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

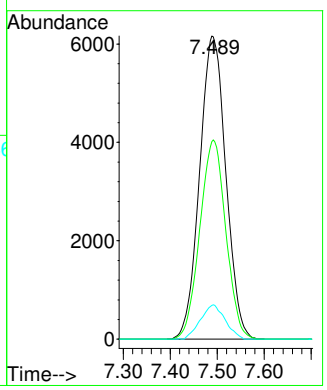


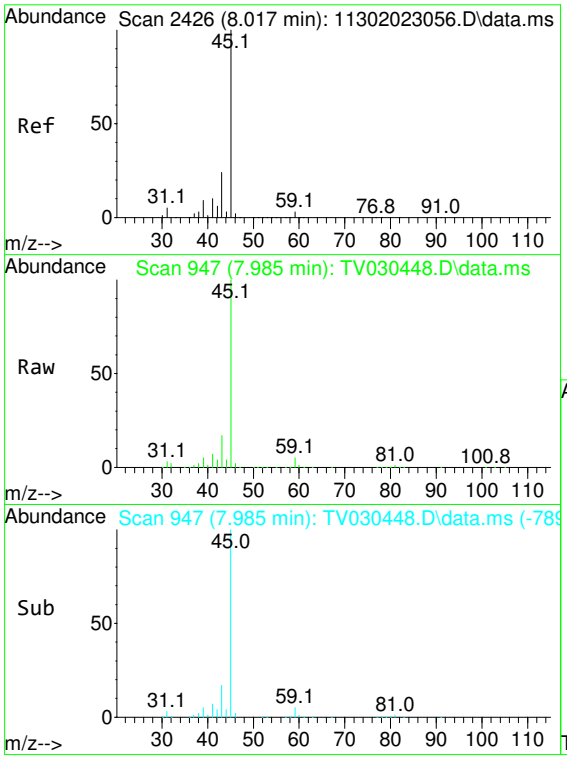


#12
Trichlorofluoromethane
Concen: 0.36 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:101 Resp: 23876

Ion	Ratio	Lower	Upper
101	100		
103	65.2	42.4	88.0
66	10.7	7.9	16.5

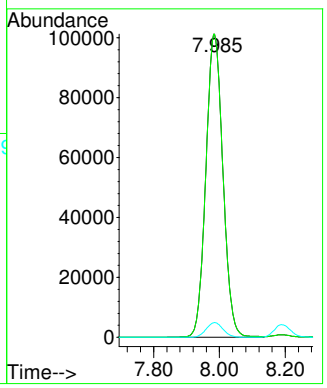


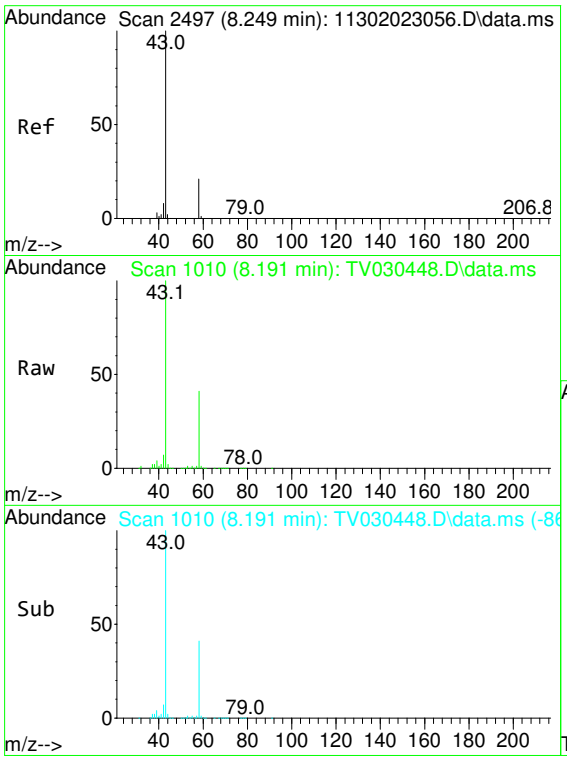


#13
Isopropanol
Concen: 6.75 ppbv
RT: 7.985 min Scan# 947
Delta R.T. 0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 45 Resp: 364011

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

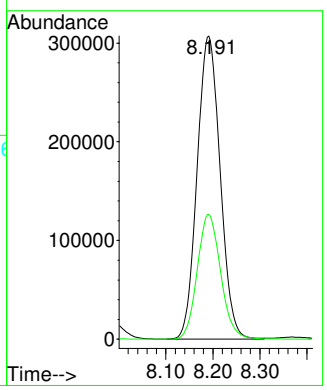


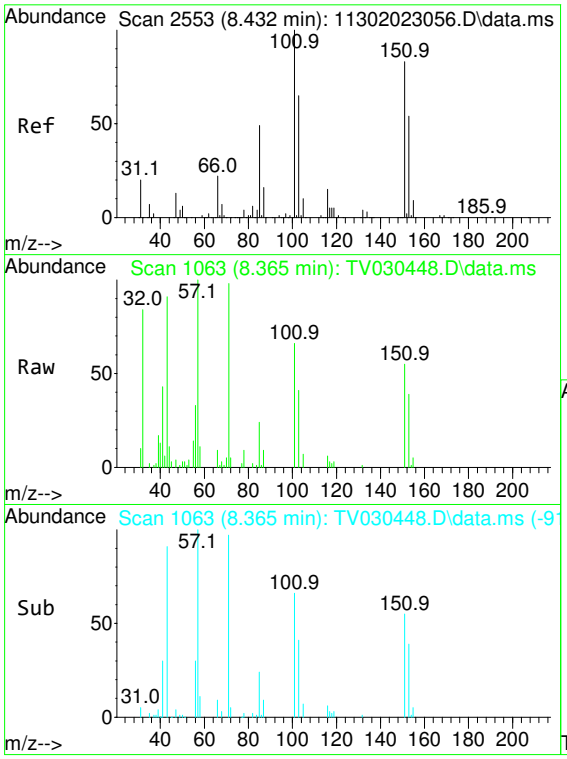


#15
Acetone
Concen: 28.88 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 1046156

Ion	Ratio	Lower	Upper
43	100		
58	41.9	20.7	42.9

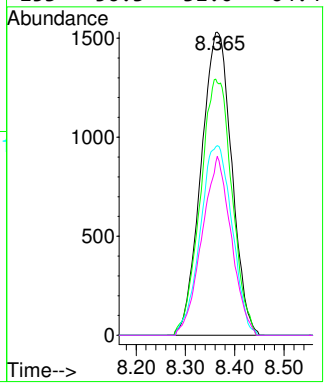


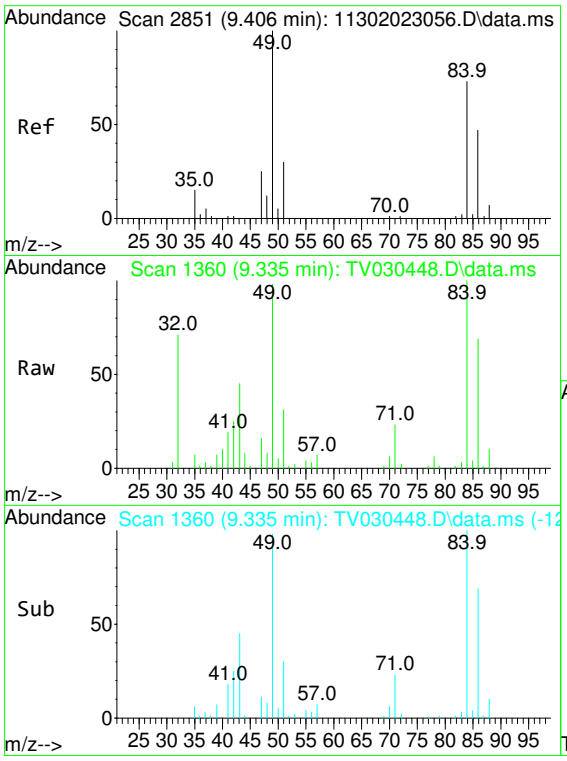


#16
Freon-113
Concen: 0.11 ppbv
RT: 8.365 min Scan# 1063
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:101 Resp: 6599

Ion	Ratio	Lower	Upper
101	100		
151	86.9	48.6	100.8
103	65.0	42.0	87.2
153	56.3	31.0	64.4

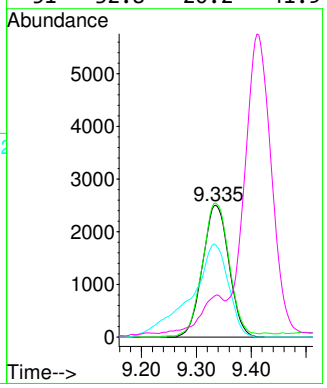


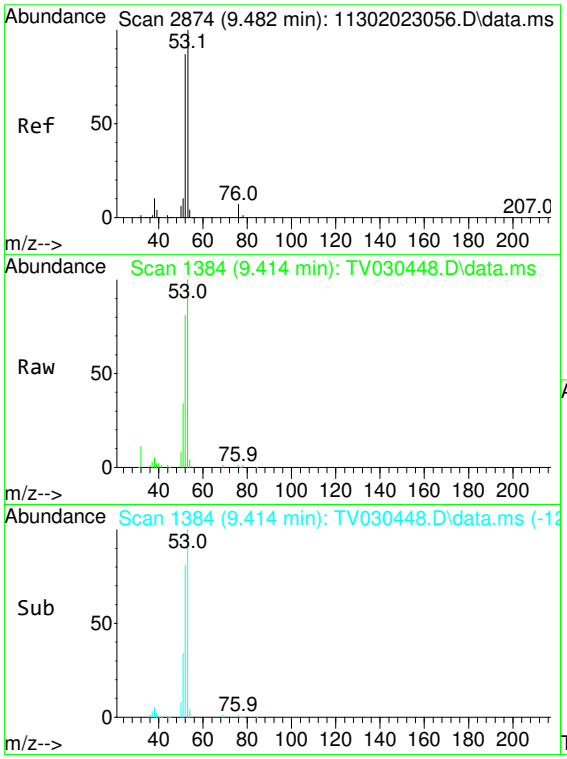


#19
Methylene Chloride
Concen: 0.30 ppbv
RT: 9.335 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 49 Resp: 8364

Ion	Ratio	Lower	Upper
49	100		
84	104.9	50.1	104.0#
86	101.0	32.2	66.8#
51	32.8	20.2	41.9

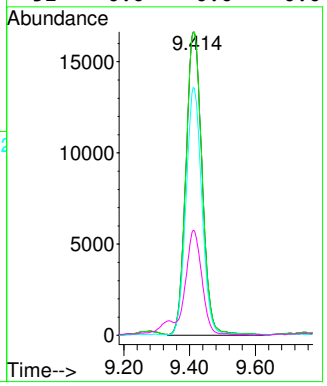


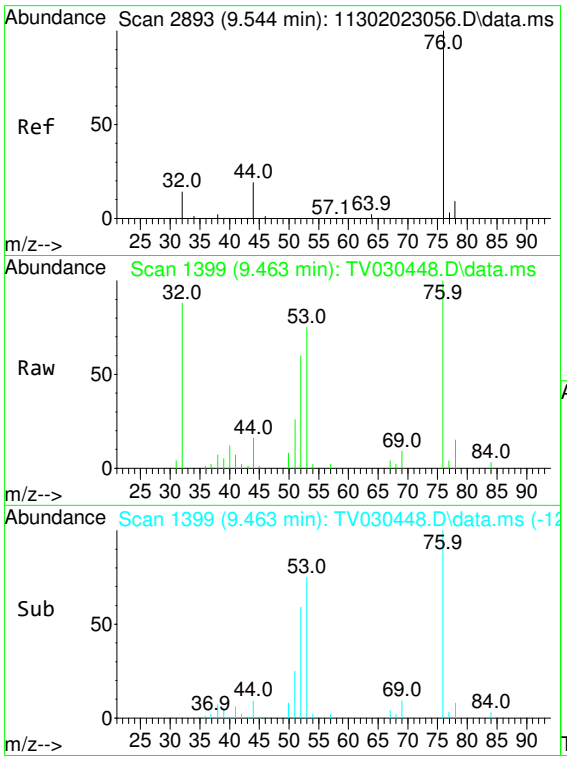


#20
Acrylonitrile
Concen: 2.50 ppbv
RT: 9.414 min Scan# 1384
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 53 Resp: 57161

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

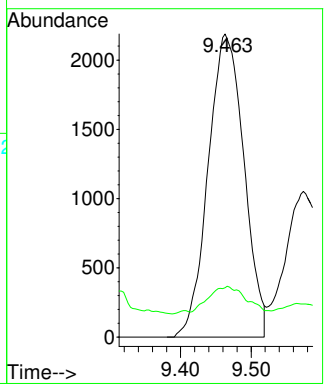


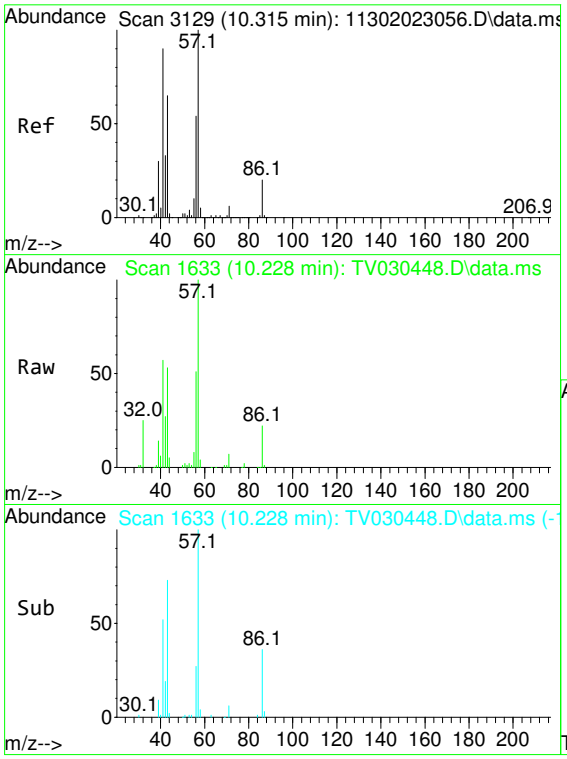


#21
Carbon disulfide
Concen: 0.09 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 76 Resp: 7712

Ion	Ratio	Lower	Upper
76	100		
44	9.9	8.4	17.4

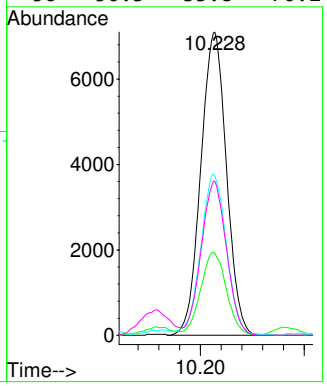


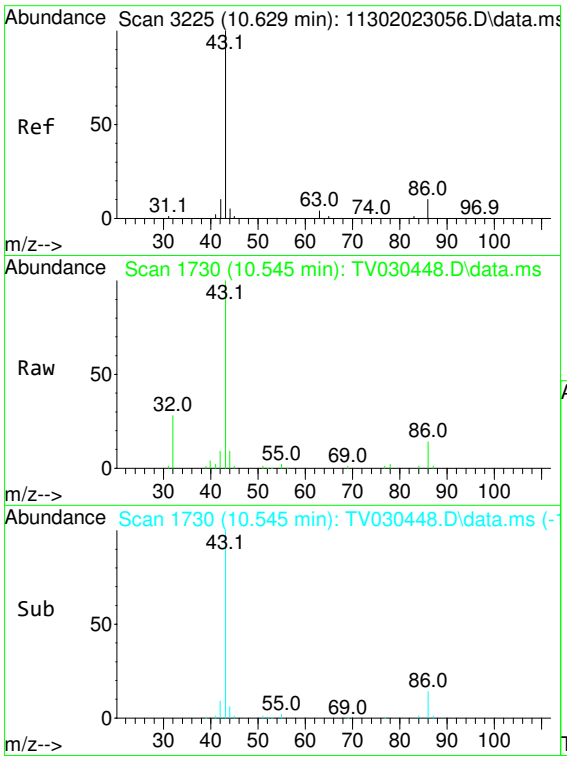


#24
Hexane
Concen: 0.59 ppbv
RT: 10.228 min Scan# 1633
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 57 Resp: 24312

Ion	Ratio	Lower	Upper
57	100		
42	27.5	22.2	46.0
43	53.8	42.9	89.1
56	50.3	33.8	70.2

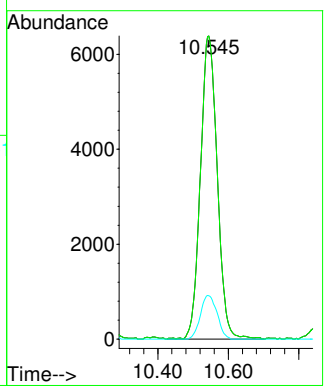


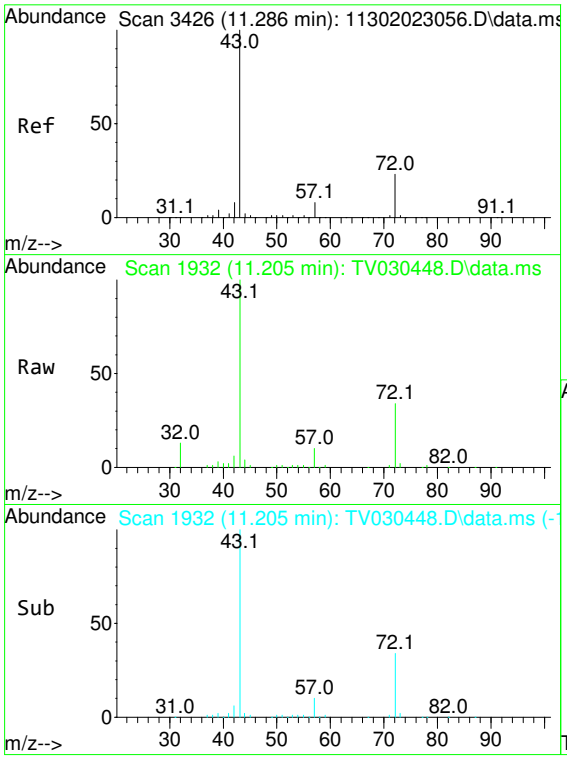


#25
Vinyl Acetate
Concen: 0.37 ppbv
RT: 10.545 min Scan# 1730
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 21219

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
86	0.0	7.4	11.2#

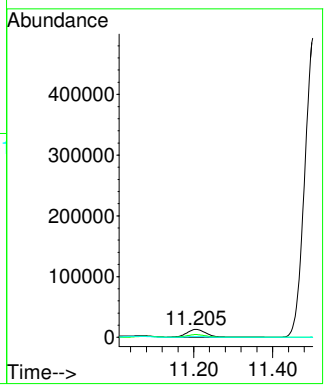


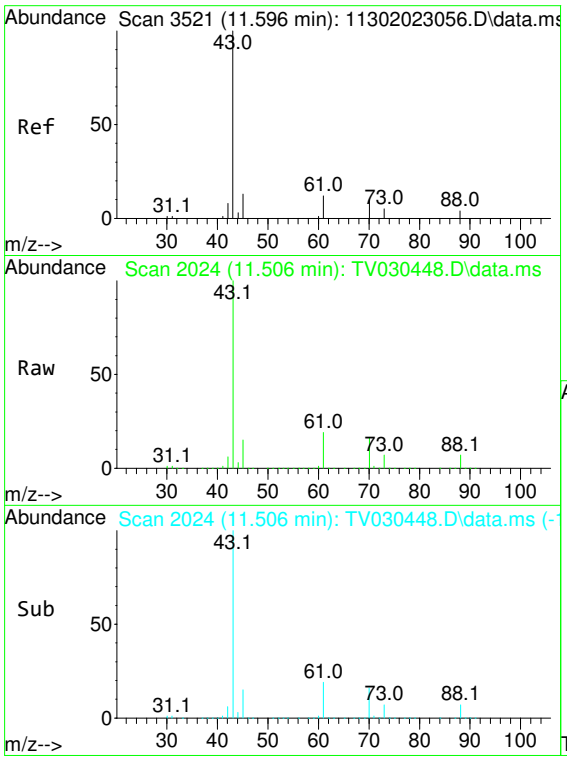


#27
2-Butanone
Concen: 0.93 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 44301

Ion	Ratio	Lower	Upper
43	100		
72	34.5	16.4	34.2#
57	9.9	5.0	10.4

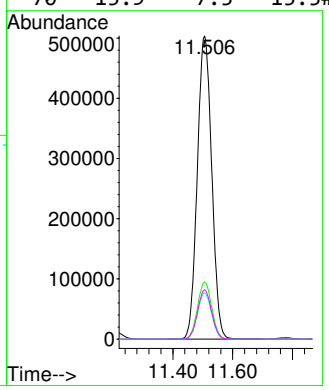


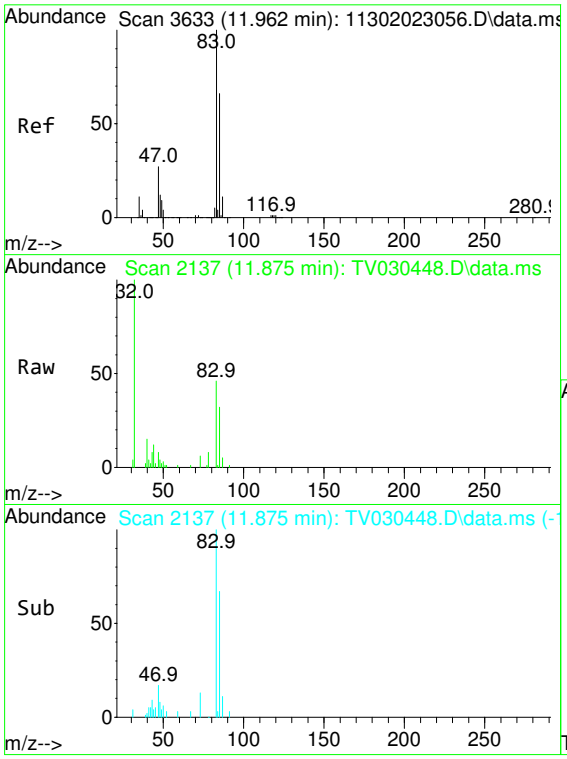


#28
Ethyl Acetate
Concen: 30.69 ppbv
RT: 11.506 min Scan# 2024
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 1682107

Ion	Ratio	Lower	Upper
43	100		
61	18.6	9.2	19.2
45	15.1	9.4	19.6
70	15.9	7.5	15.5#

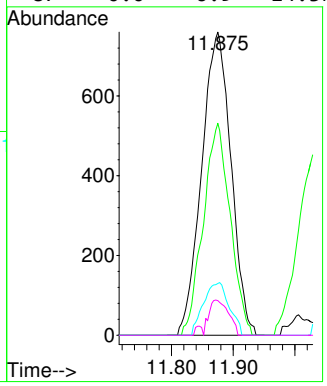


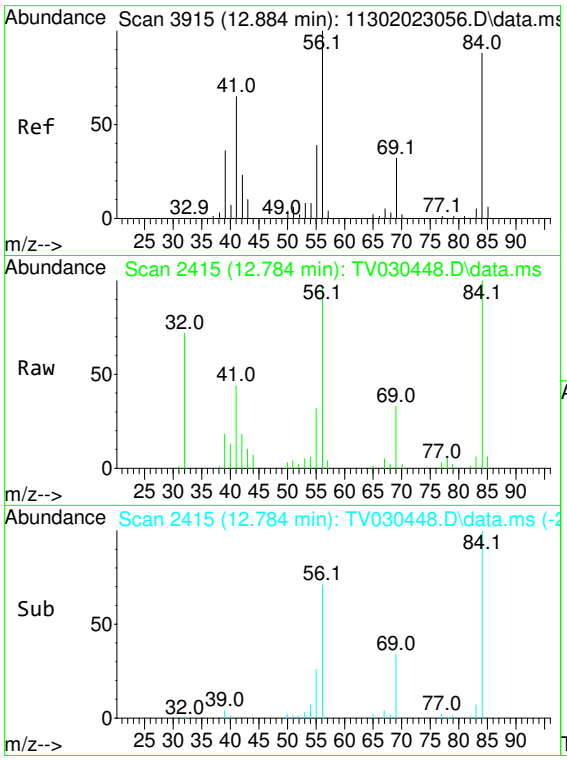


#30
Chloroform
Concen: 0.04 ppbv
RT: 11.875 min Scan# 2137
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 83 Resp: 2507

Ion	Ratio	Lower	Upper
83	100		
85	64.2	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

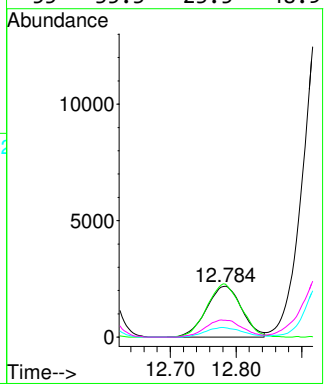


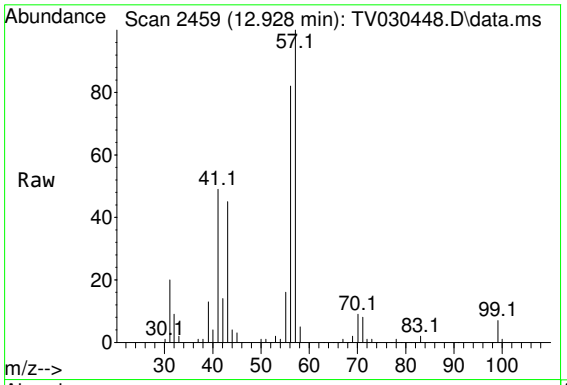


#33
Cyclohexane
Concen: 0.19 ppbv
RT: 12.784 min Scan# 2415
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 56 Resp: 8161

Ion	Ratio	Lower	Upper
56	100		
84	101.9	56.4	117.0
42	20.5	15.3	31.7
55	35.3	23.5	48.9

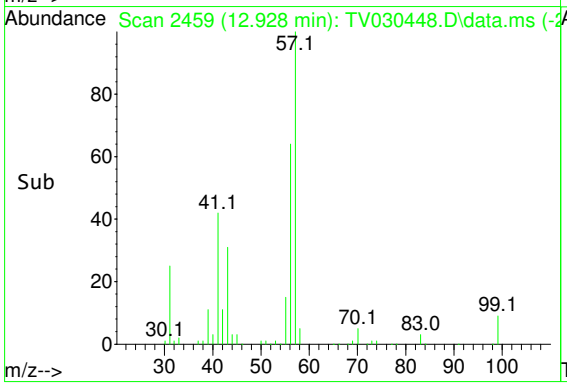


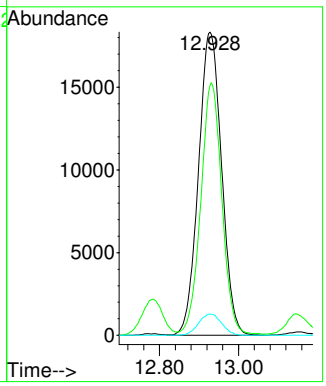


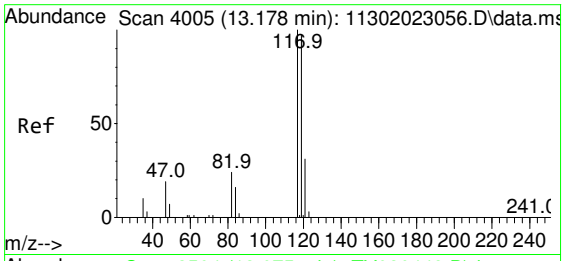
#34
2,2,4-Trimethylpentane
Concen: 0.59 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 57 Resp: 74619

Ion	Ratio	Lower	Upper
57	100		
56	75.0	24.5	45.5#
99	7.0	3.5	6.5#



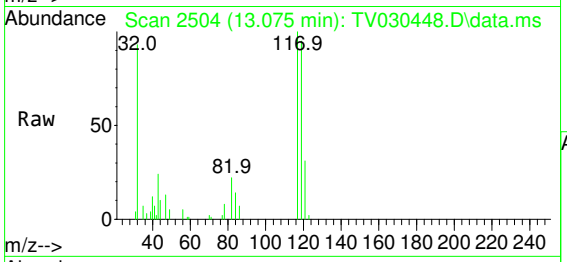


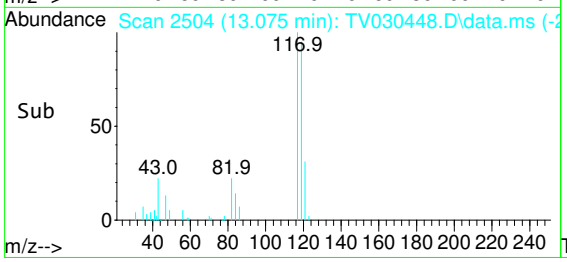


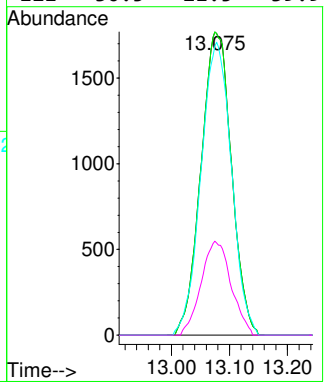
#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

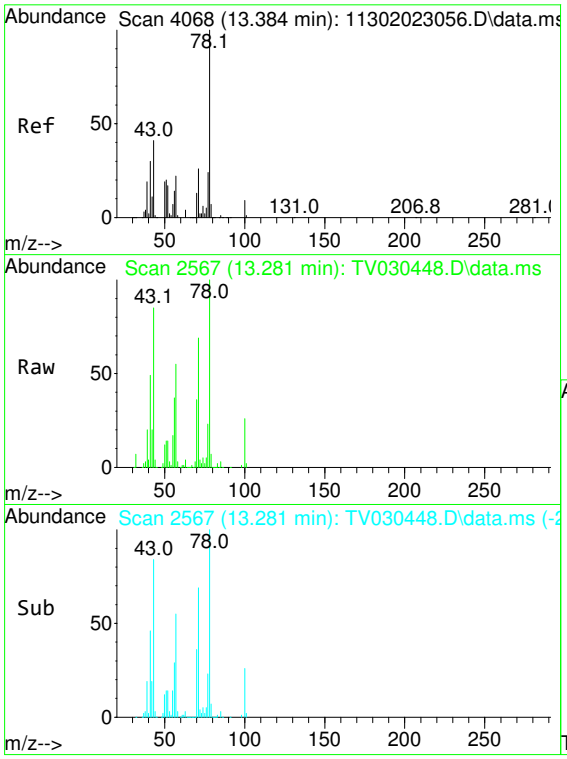
Tgt Ion:117 Resp: 6453

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	96.3	76.5	114.7
121	30.5	21.5	39.9





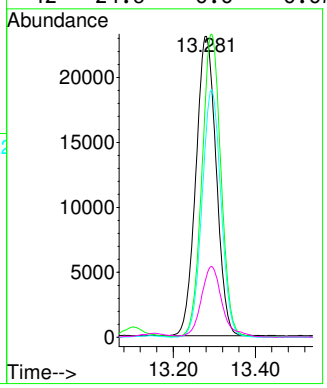


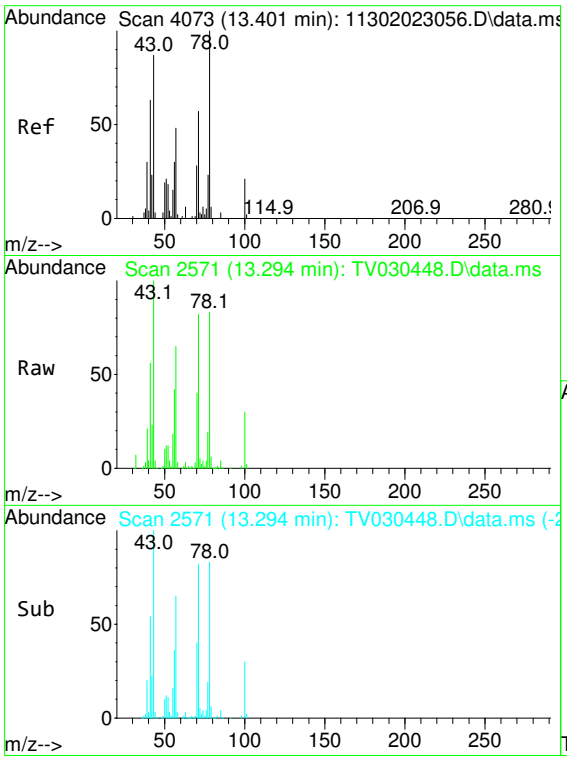


#37
Benzene
Concen: 0.87 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 78 Resp: 79041

Ion	Ratio	Lower	Upper
78	100		
43	94.9	0.0	0.0#
71	77.6	0.0	0.0#
42	24.6	0.0	0.0#

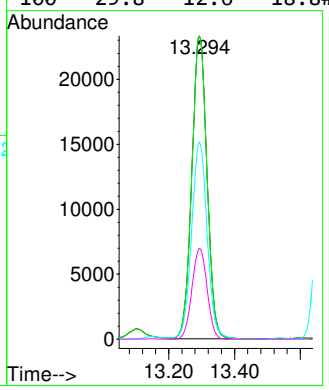


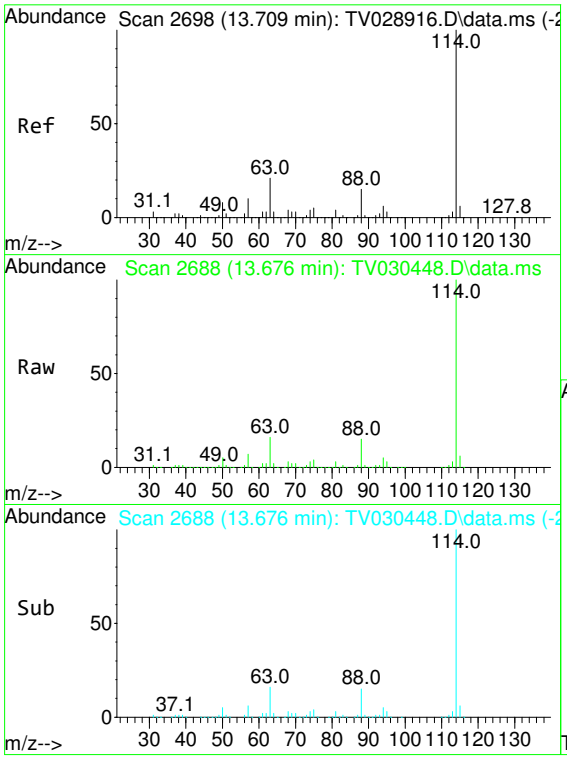


#38
n-Heptane
Concen: 1.86 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 74974

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	66.9	39.8	59.8#
100	29.8	12.6	18.8#

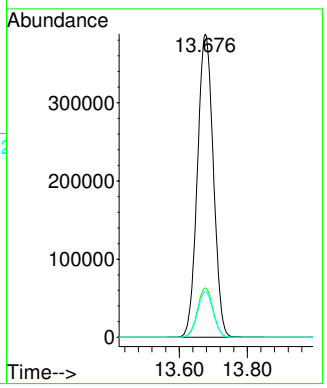


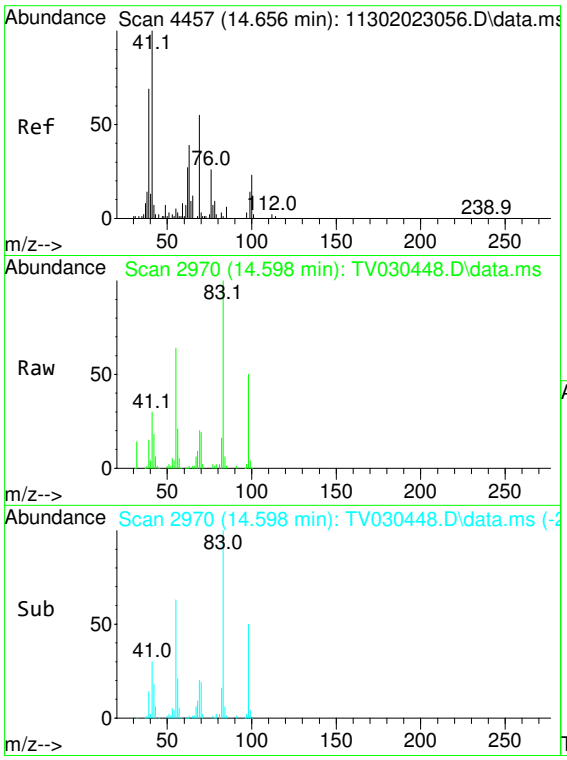


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:114 Resp: 1259602

Ion	Ratio	Lower	Upper
114	100		
63	16.1	14.0	29.2
88	14.8	11.2	23.2

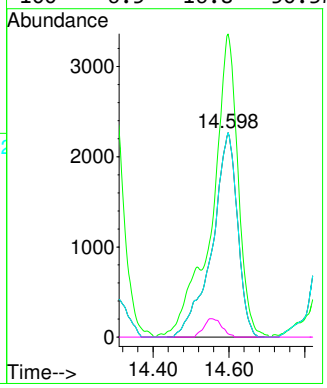


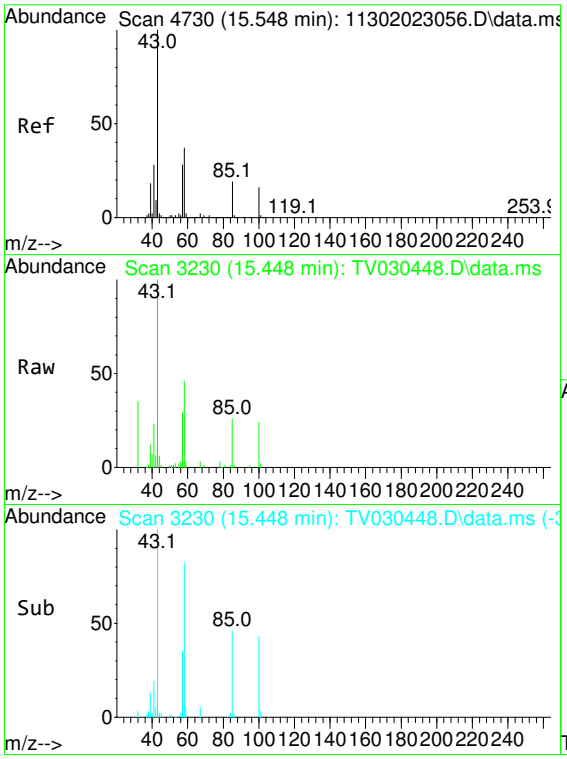


#42
Methyl Methacrylate
Concen: 0.27 ppbv
RT: 14.598 min Scan# 2970
Delta R.T. 0.033 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 69 Resp: 10478

Ion	Ratio	Lower	Upper
69	100		
41	152.9	25.3	75.9#
69	100.0	50.0	150.0
100	6.5	16.8	50.3#

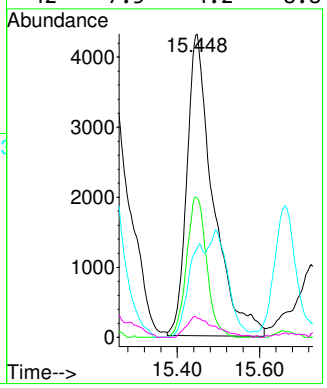


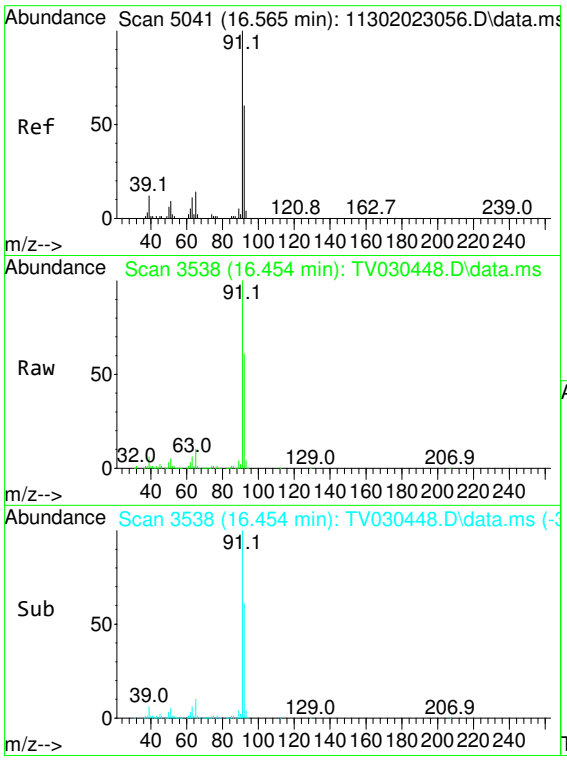


#45
Methyl Isobutyl Ketone
Concen: 0.30 ppbv
RT: 15.448 min Scan# 3230
Delta R.T. -0.007 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 43 Resp: 19068

Ion	Ratio	Lower	Upper
43	100		
58	35.7	25.3	52.5
57	18.1	16.1	33.5
42	7.5	4.2	8.8

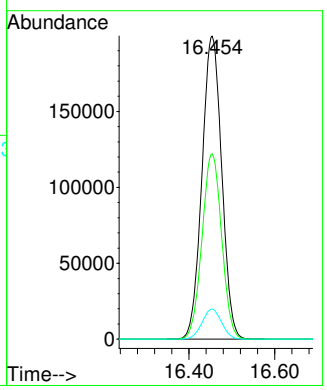


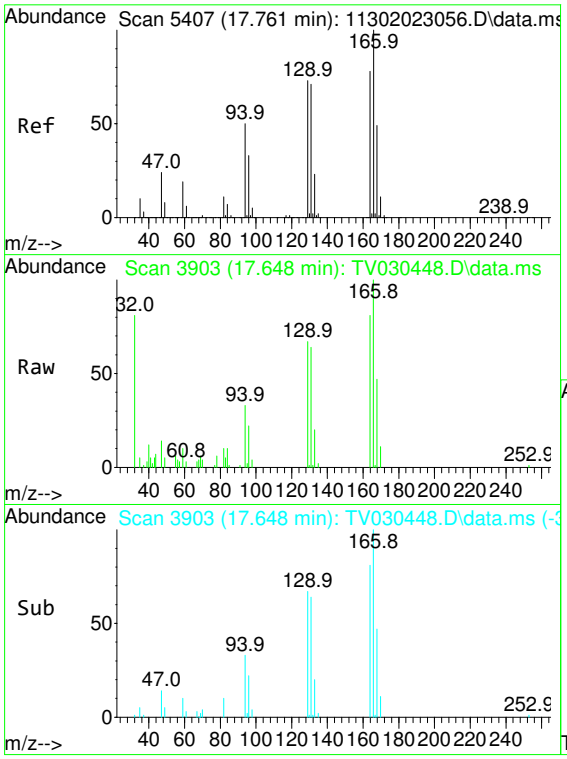


#47
Toluene
Concen: 4.93 ppbv
RT: 16.454 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 91 Resp: 636231

Ion	Ratio	Lower	Upper
91	100		
92	60.8	39.0	81.0
65	9.9	7.7	16.1

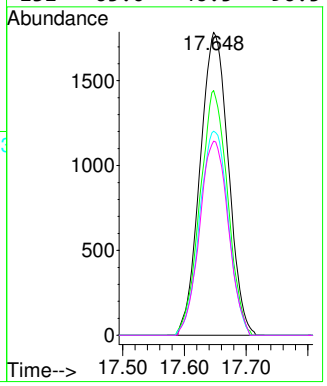


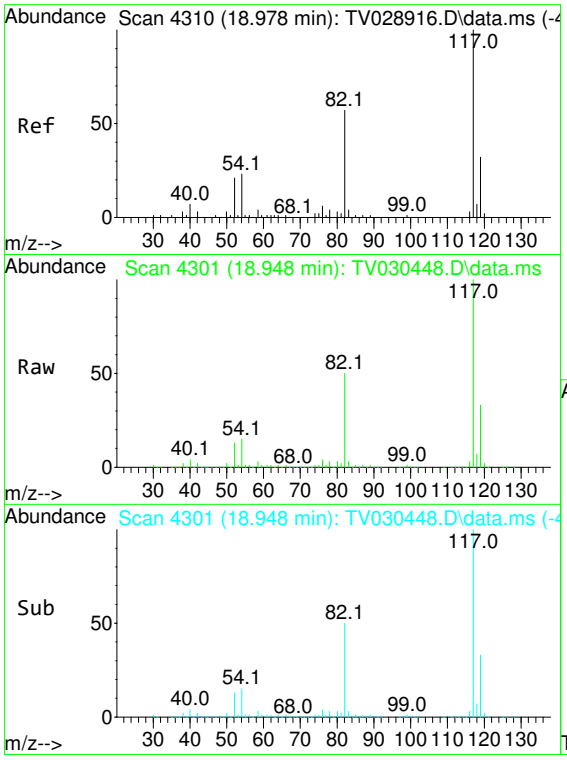


#52
Tetrachloroethylene
Concen: 0.10 ppbv
RT: 17.648 min Scan# 3903
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:166 Resp: 5683

Ion	Ratio	Lower	Upper
166	100		
164	79.0	51.4	106.8
129	68.2	47.0	97.6
131	65.0	46.5	96.5

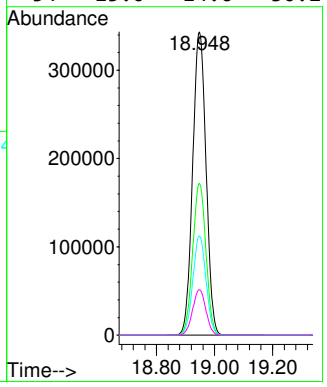


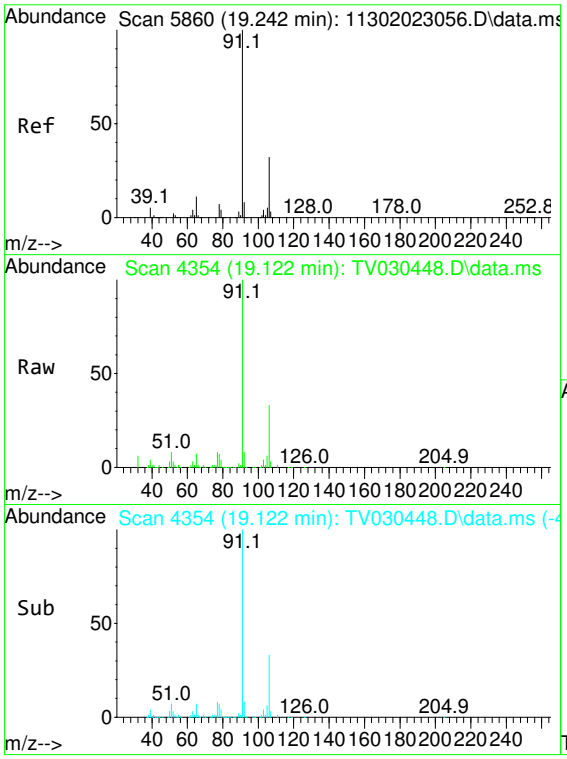


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:117 Resp: 1101068

Ion	Ratio	Lower	Upper
117	100		
82	49.6	38.7	80.5
119	32.4	20.3	42.3
54	15.0	14.6	30.2

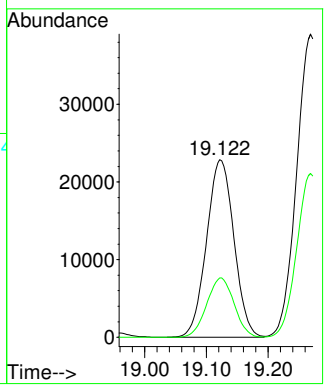


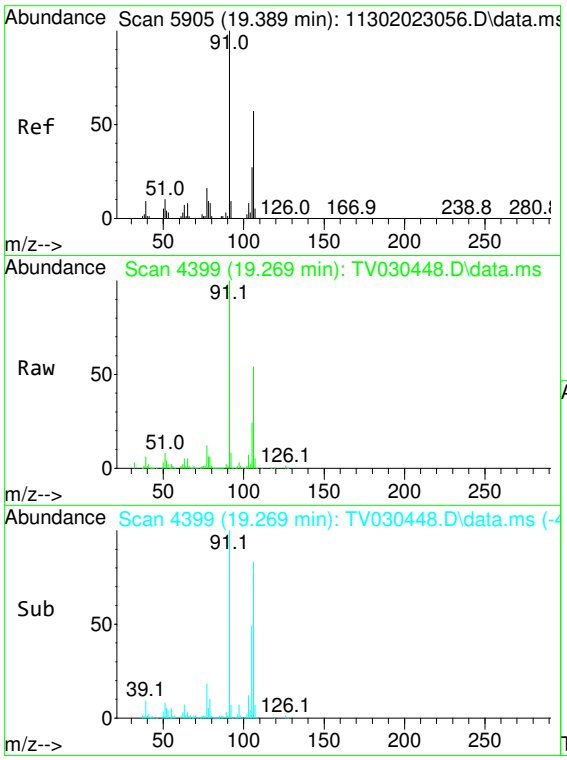


#58
Ethylbenzene
Concen: 0.44 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 91 Resp: 70421

Ion	Ratio	Lower	Upper
91	100		
106	33.5	20.3	42.3

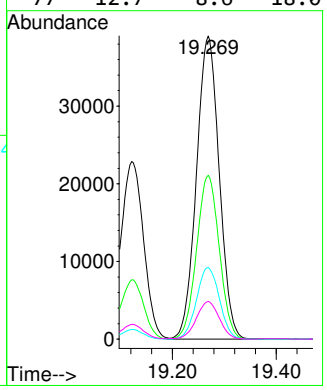


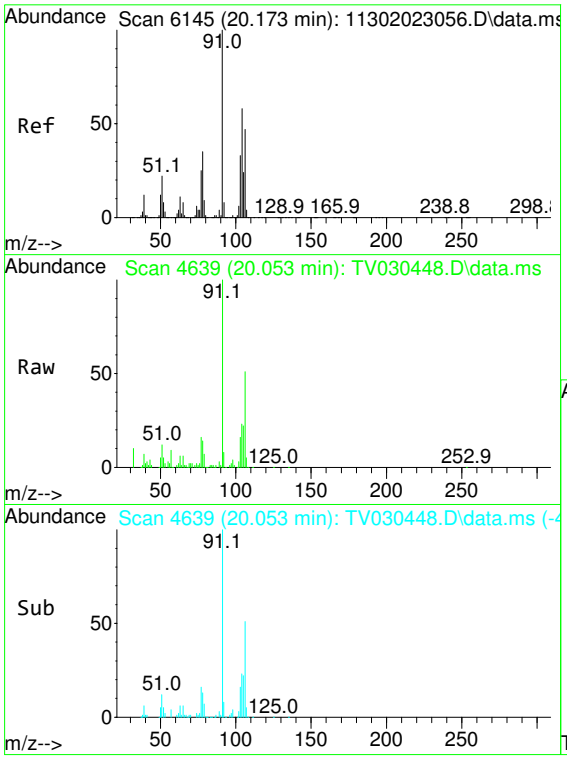


#59
p- & m-Xylenes
Concen: 0.97 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 91 Resp: 118465

Ion	Ratio	Lower	Upper
91	100		
106	54.1	31.0	64.4
105	23.9	13.4	27.8
77	12.7	8.6	18.0

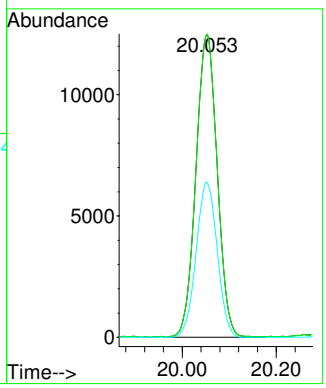


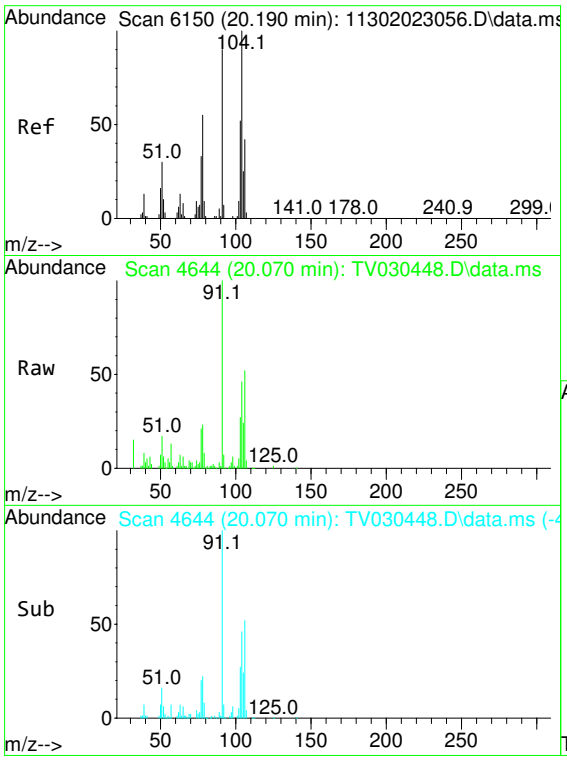


#60
o-Xylene
Concen: 0.31 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 91 Resp: 39378

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.7	36.9	55.3

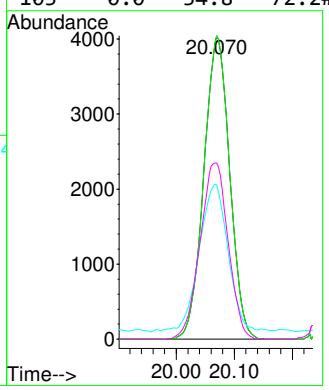


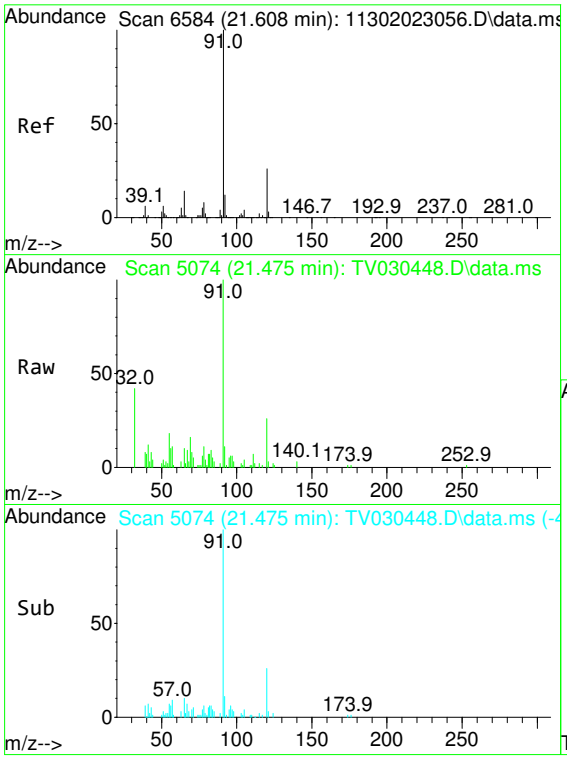


#61
Styrene
Concen: 0.13 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:104 Resp: 12472

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

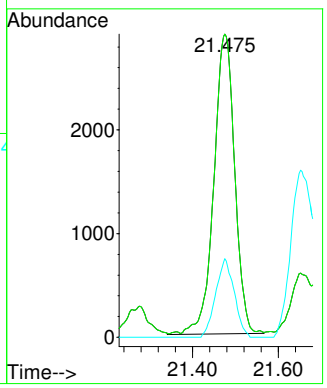


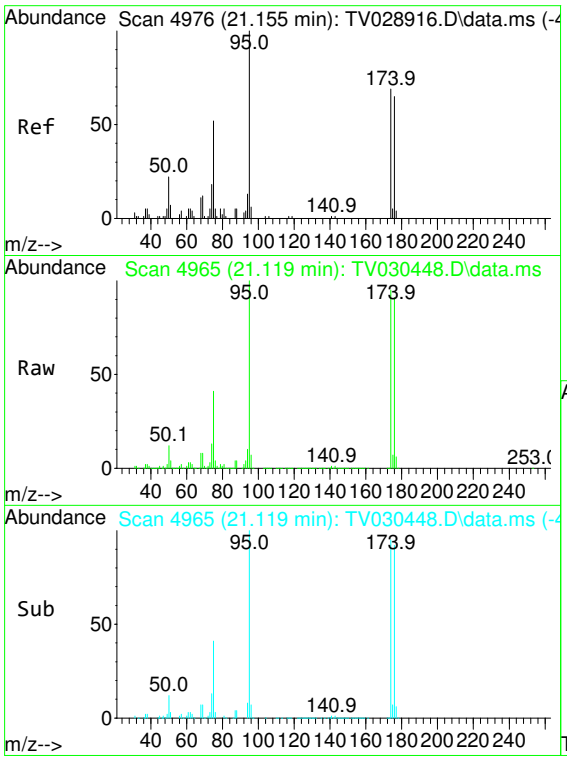


#63
n-Propylbenzene
Concen: 0.05 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 91 Resp: 9736

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	23.2	11.0	33.0

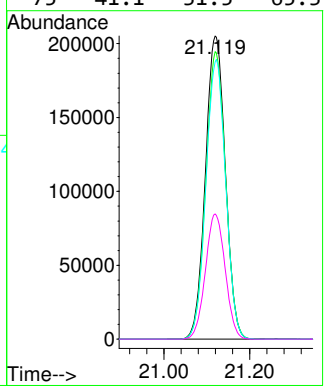


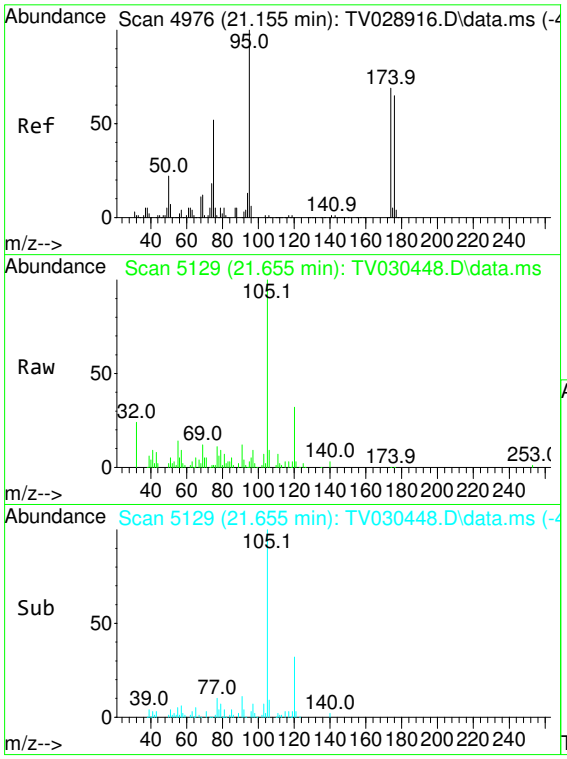


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion: 95 Resp: 661110

Ion	Ratio	Lower	Upper
95	100		
174	93.9	50.0	103.8
176	91.3	48.2	100.2
75	41.1	31.5	65.3

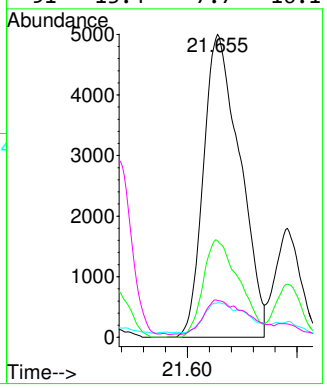


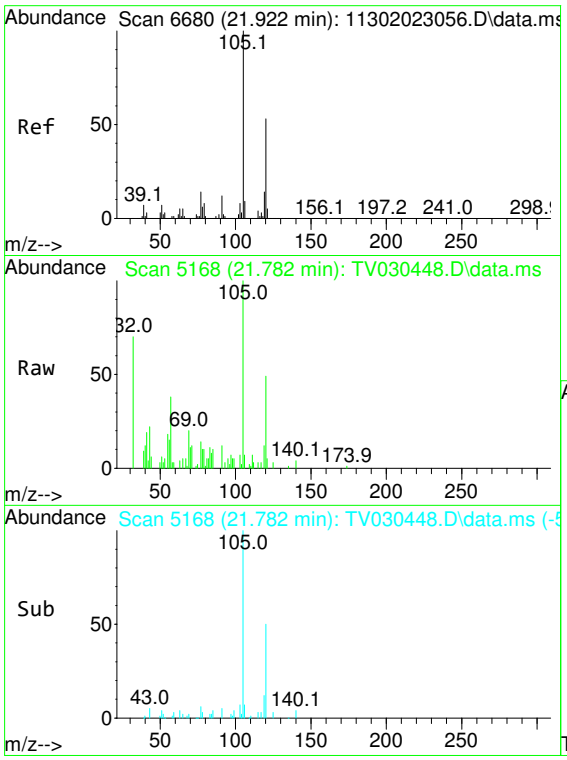


#67
4-Ethyltoluene
Concen: 0.13 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:105 Resp: 23019

Ion	Ratio	Lower	Upper
105	100		
120	32.2	17.2	35.6
77	11.5	7.6	15.8
91	13.4	7.7	16.1

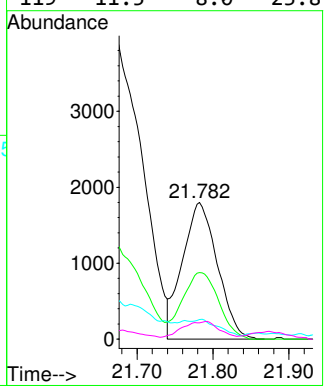


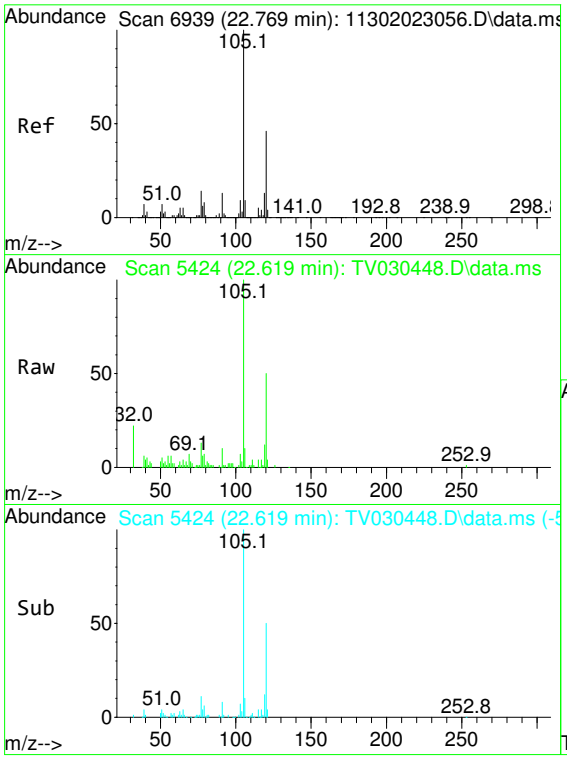


#68
1,3,5-Trimethylbenzene
Concen: 0.04 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:105 Resp: 5755

Ion	Ratio	Lower	Upper
105	100		
120	50.5	43.4	65.2
77	0.0	10.8	16.2#
119	11.5	8.0	23.8

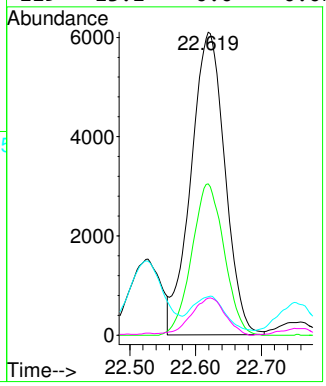


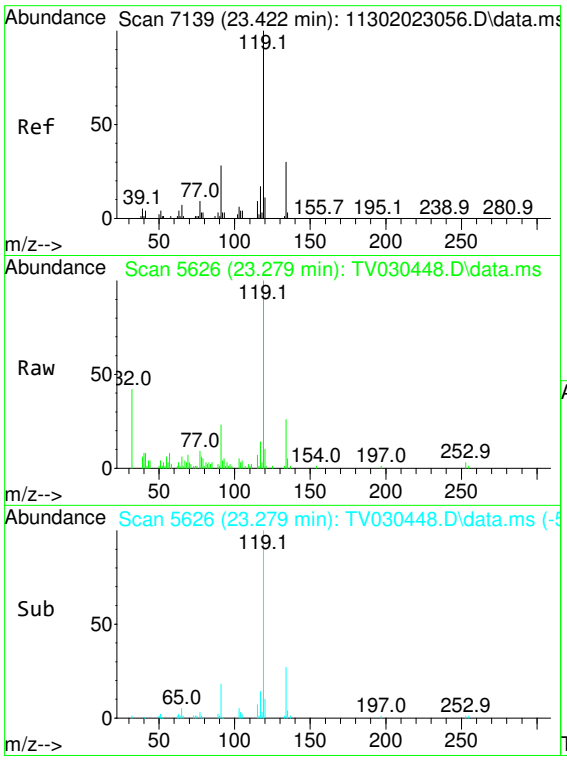


#70
1,2,4-Trimethylbenzene
Concen: 0.14 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:105 Resp: 21827

Ion	Ratio	Lower	Upper
105	100		
120	47.8	29.0	60.2
77	11.7	8.2	17.0
119	13.1	0.0	0.0#

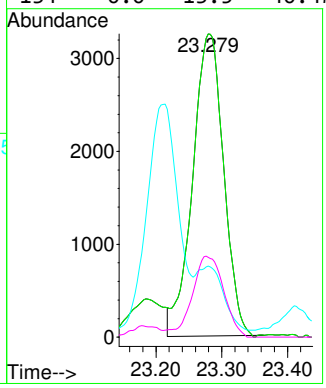


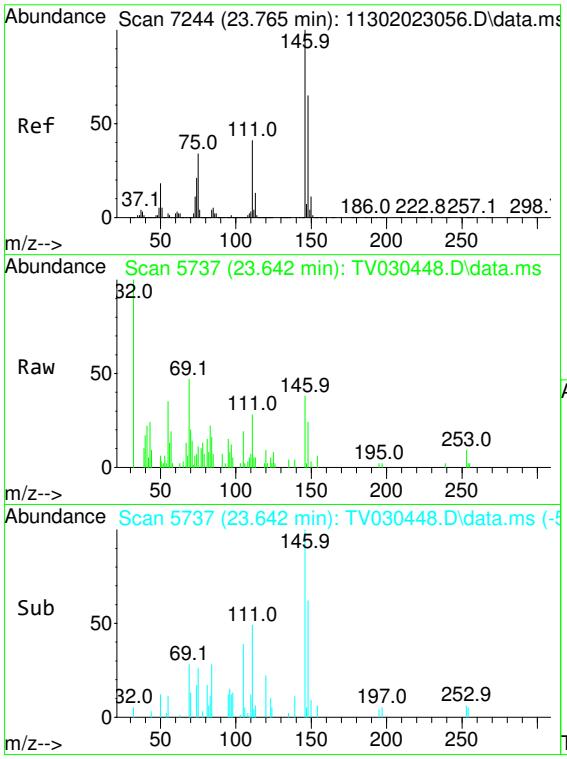


#72
p-Isopropyltoluene
Concen: 0.05 ppbv
RT: 23.279 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:119 Resp: 10626

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	13.5	40.4#

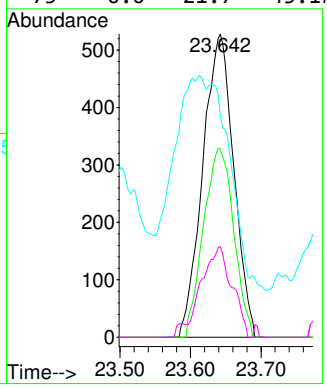


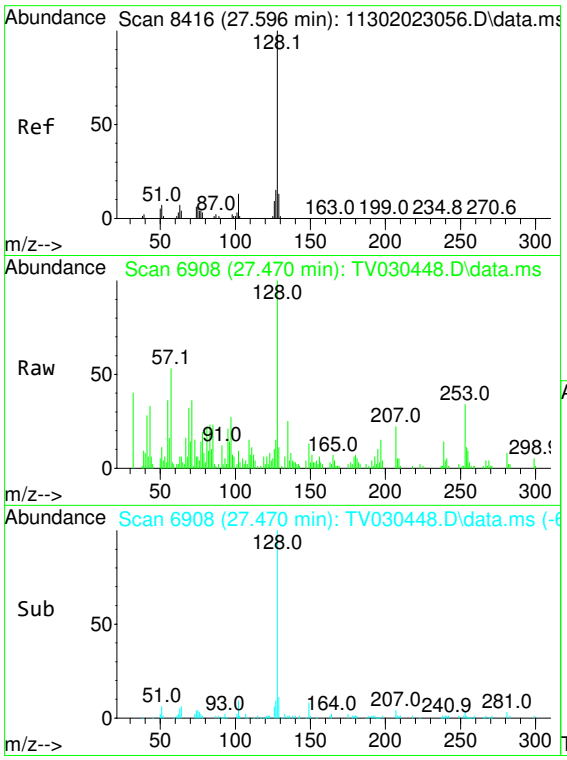


#74
1,4-Dichlorobenzene
Concen: 0.02 ppbv
RT: 23.642 min Scan# 5737
Delta R.T. -0.013 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:146 Resp: 1607

Ion	Ratio	Lower	Upper
146	100		
148	60.9	41.3	85.7
111	130.2	25.4	52.8#
75	0.0	21.7	45.1#

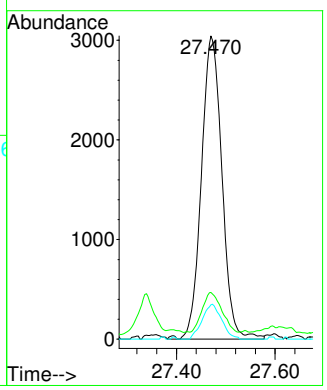




#80
Naphthalene
Concen: 0.05 ppbv
RT: 27.470 min Scan# 6908
Delta R.T. -0.020 min
Lab File: TV030448.D
Acq: 21 Apr 2025 06:32 pm

Tgt Ion:128 Resp: 8806

Ion	Ratio	Lower	Upper
128	100		
127	12.9	8.1	16.9
129	11.0	7.3	15.1



Sample Information

Client Sample ID: **SSV-2 20250326** **York Sample ID:** **25C1721-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
95-63-6	**1,2,4-Trimethylbenzene**	7.5		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
108-67-8	**1,3,5-Trimethylbenzene**	1.8		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
540-84-1	*** 2,2,4-Trimethylpentane**	1.4		ug/m³	0.43	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
78-93-3	**2-Butanone**	1.0		ug/m³	0.54	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
67-64-1	**Acetone**	7.7		ug/m³	3.5	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
107-13-1	Acrylonitrile	ND		ug/m³	5.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
71-43-2	**Benzene**	0.82		ug/m³	0.58	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.94	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-25-2	Bromoform	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
74-83-9	Bromomethane	ND		ug/m³	0.71	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.57	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
56-23-5	**Carbon tetrachloride**	0.46		ug/m³	0.29	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR

Sample Information

Client Sample ID: **SSV-2 20250326** **York Sample ID:** **25C1721-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-00-3	Chloroethane	ND		ug/m³	0.48	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
67-66-3	Chloroform	ND		ug/m³	0.89	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
74-87-3	Chloromethane	ND		ug/m³	0.38	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-71-8	**Dichlorodifluoromethane**	2.7		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
141-78-6	*** Ethyl acetate**	1.4		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
100-41-4	**Ethyl Benzene**	11		ug/m³	0.79	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
67-63-0	**Isopropanol**	6.8	CAL-E	ug/m³	2.7	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-09-2	Methylene chloride	ND		ug/m³	3.8	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
142-82-5	**n-Heptane**	1.1		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
110-54-3	**n-Hexane**	1.0		ug/m³	0.64	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
95-47-6	**o-Xylene**	5.9		ug/m³	0.79	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
179601-23-1	**p- & m- Xylenes**	16		ug/m³	1.6	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
622-96-8	*** p-Ethyltoluene**	7.2		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
115-07-1	*** Propylene**	0.44		ug/m³	0.31	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
100-42-5	Styrene	ND		ug/m³	0.78	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
108-88-3	**Toluene**	13		ug/m³	0.69	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.25	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.64	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR
74-97-5	*Internal Standard: Bromochloromethan*	*101 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*103 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*99.4 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030471.D
Acq On : 22 Apr 2025 02:36 pm
Operator : YR
Sample : 25C1721-03
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.824
InstName : TO15_AIR3

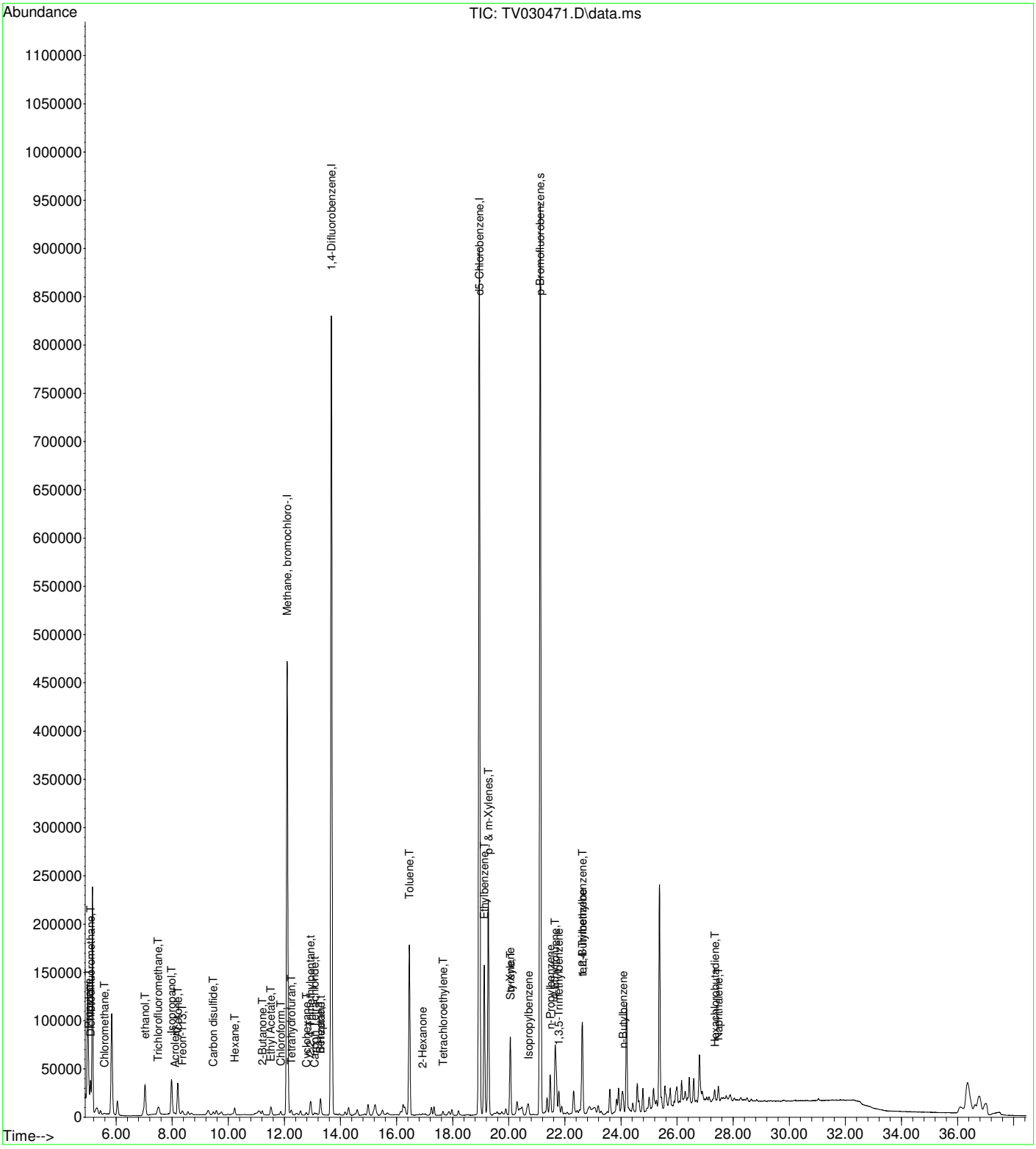
Quant Time: Apr 22 15:21:39 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

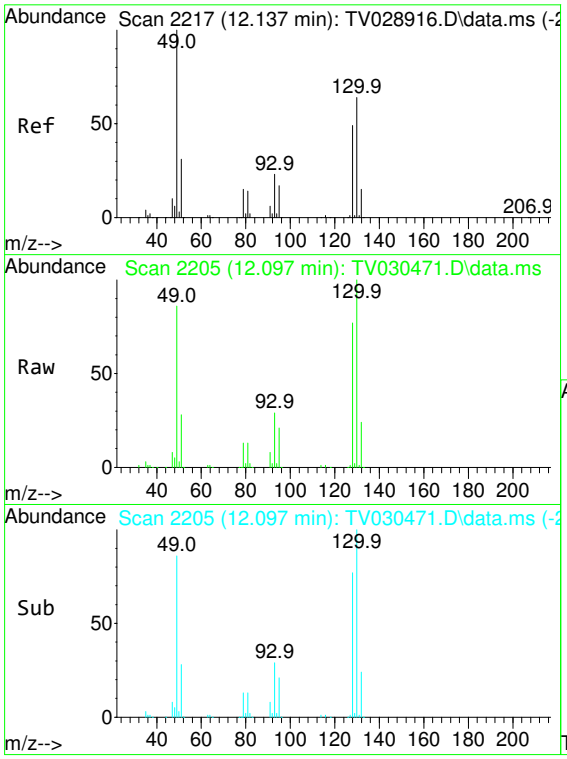
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.097	49	311376	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1314706	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1077898	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	657409	0.33	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 3.30%#			
Target Compounds						Qvalue
2) Propylene	5.027	42	1757	0.14	ppbv #	40
3) Dichlorodifluoromethane	5.096	85	21148	0.30	ppbv	99
5) Chloromethane	5.583	50	1227	0.06	ppbv #	86
10) ethanol	7.031	45	37313	2.85	ppbv	88
12) Trichlorofluoromethane	7.492	101	10038	0.15	ppbv	99
13) Isopropanol	7.976	45	84273	1.52	ppbv	100
14) Acrolein	8.097	56	914	0.08	ppbv #	100
15) Acetone	8.198	43	65886	1.77	ppbv #	71
16) Freon-113	8.358	101	2868	0.05	ppbv	92
21) Carbon disulfide	9.466	76	7265	0.09	ppbv	93
24) Hexane	10.224	57	6733	0.16	ppbv	91
27) 2-Butanone	11.212	43	9198	0.19	ppbv #	85
28) Ethyl Acetate	11.512	43	11943	0.21	ppbv #	93
30) Chloroform	11.869	83	5352	0.09	ppbv	96
31) Tetrahydrofuran	12.248	42	1944	0.07	ppbv #	37
33) Cyclohexane	12.781	56	2314	0.05	ppbv #	85
34) 2,2,4-Trimethylpentane	12.928	57	22142	0.17	ppbv #	74
35) Carbon Tetrachloride	13.075	117	2541	0.04	ppbv	99
37) Benzene	13.281	78	13346	0.14	ppbv #	100
38) n-Heptane	13.294	43	6269	0.15	ppbv #	75
47) Toluene	16.454	91	251087	1.87	ppbv	98
50) 2-Hexanone	16.925	43	2472	0.04	ppbv #	73
52) Tetrachloroethylene	17.651	166	1990	0.03	ppbv	93
58) Ethylbenzene	19.122	91	222673	1.42	ppbv	97
59) p- & m-Xylenes	19.269	91	247364	2.08	ppbv	93
60) o-Xylene	20.053	91	92128	0.75	ppbv	98
61) Styrene	20.063	104	4244	0.04	ppbv #	74
63) n-Propylbenzene	21.475	91	65274	0.32	ppbv	99
64) Isopropylbenzene	20.707	105	9367	0.05	ppbv	100
67) 4-Ethyltoluene	21.655	105	136896	0.80	ppbv	92
68) 1,3,5-Trimethylbenzene	21.782	105	28467	0.20	ppbv	96
69) tert-Butylbenzene	22.619	119	15887	0.09	ppbv #	100
70) 1,2,4-Trimethylbenzene	22.619	105	123766	0.84	ppbv #	93
76) n-Butylbenzene	24.074	91	12005	0.08	ppbv #	94
79) Hexachlorobutadiene	27.352	225	1958	0.03	ppbv	88
80) Naphthalene	27.473	128	22160	0.13	ppbv	99

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030471.D
Acq On : 22 Apr 2025 02:36 pm
Operator : YR
Sample : 25C1721-03
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.824
InstName : TO15_AIR3

Quant Time: Apr 22 15:21:39 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

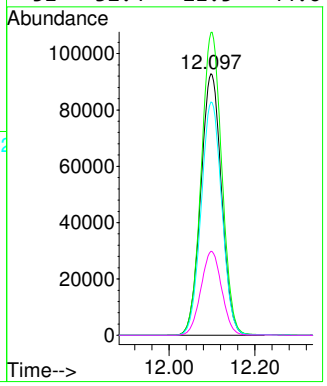


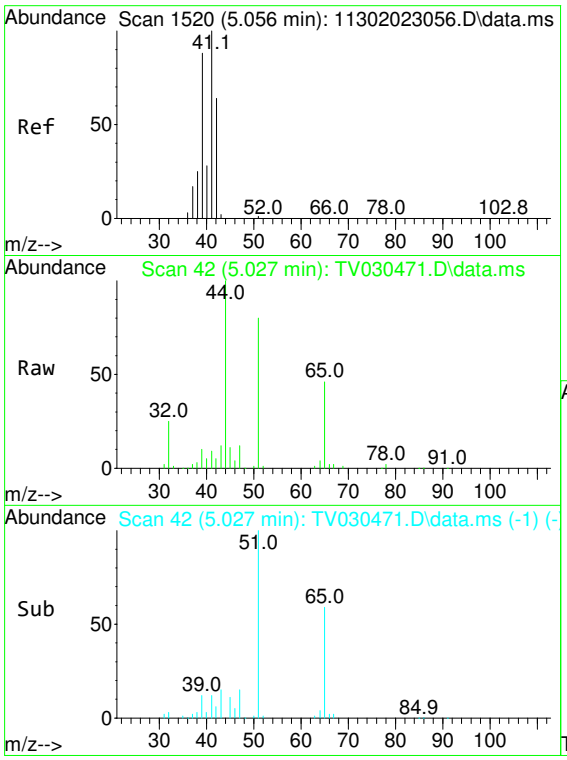


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.097 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 49 Resp: 311376

Ion	Ratio	Lower	Upper
49	100		
130	114.9	44.5	92.3#
128	89.2	34.7	72.1#
51	32.4	21.5	44.6

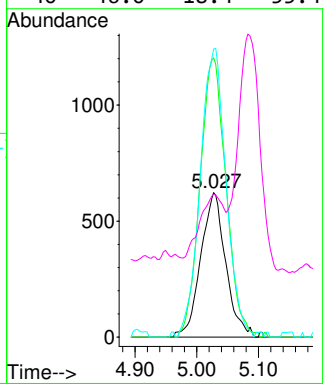


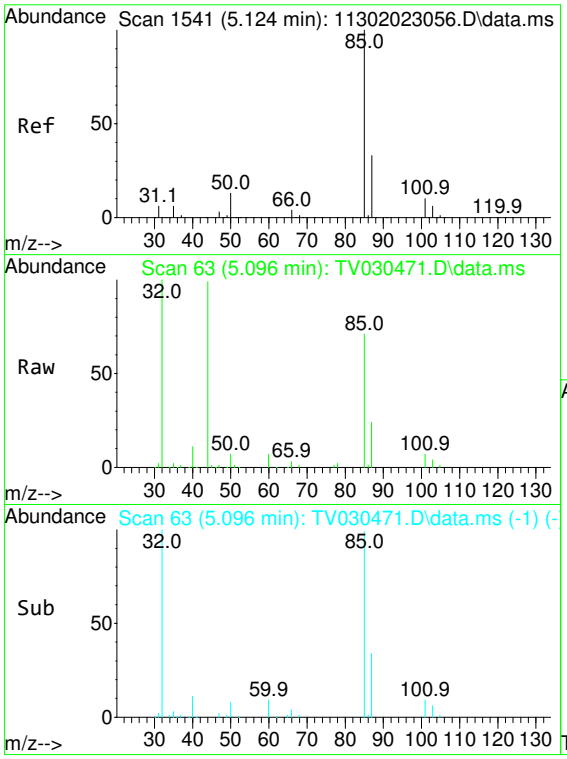


#2
Propylene
Concen: 0.14 ppbv
RT: 5.027 min Scan# 42
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 42 Resp: 1757

Ion	Ratio	Lower	Upper
42	100		
41	201.2	88.9	207.5
39	208.1	52.2	156.6#
40	46.0	18.4	55.4

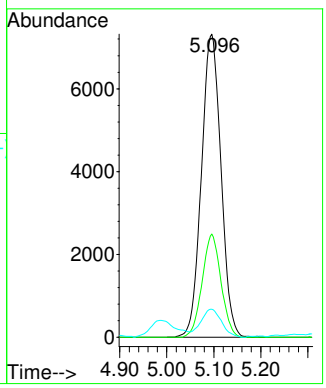


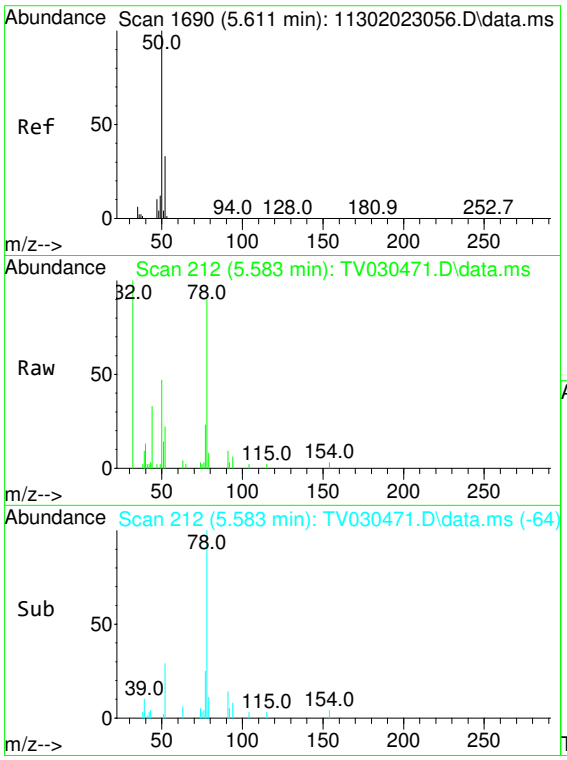


#3
Dichlorodifluoromethane
Concen: 0.30 ppbv
RT: 5.096 min Scan# 63
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 85 Resp: 21148

Ion	Ratio	Lower	Upper
85	100		
87	32.8	21.0	43.6
50	9.9	6.8	14.2

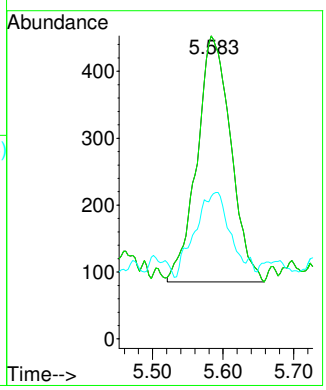


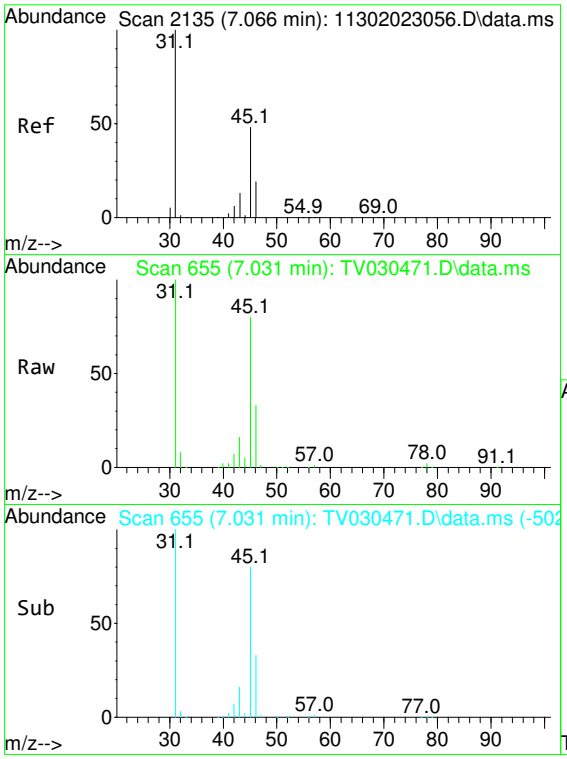


#5
Chloromethane
Concen: 0.06 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 50 Resp: 1227

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	0.0	16.5	49.5#

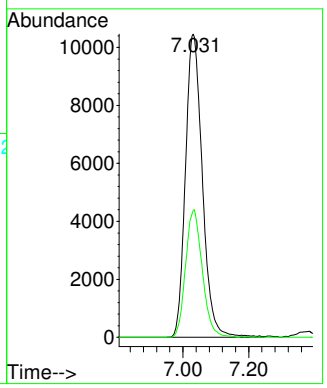


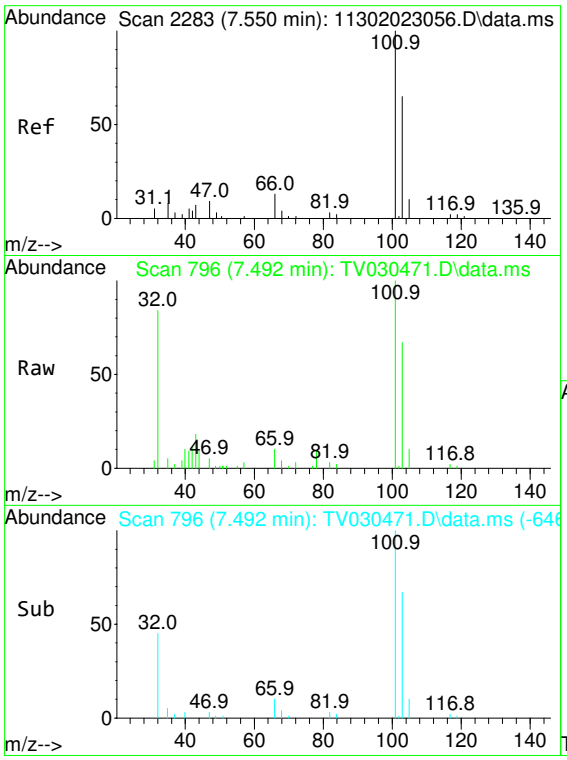


#10
ethanol
Concen: 2.85 ppbv
RT: 7.031 min Scan# 655
Delta R.T. -0.000 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 45 Resp: 37313

Ion	Ratio	Lower	Upper
45	100		
46	41.5	40.0	60.0

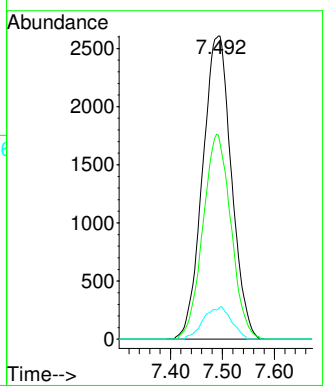


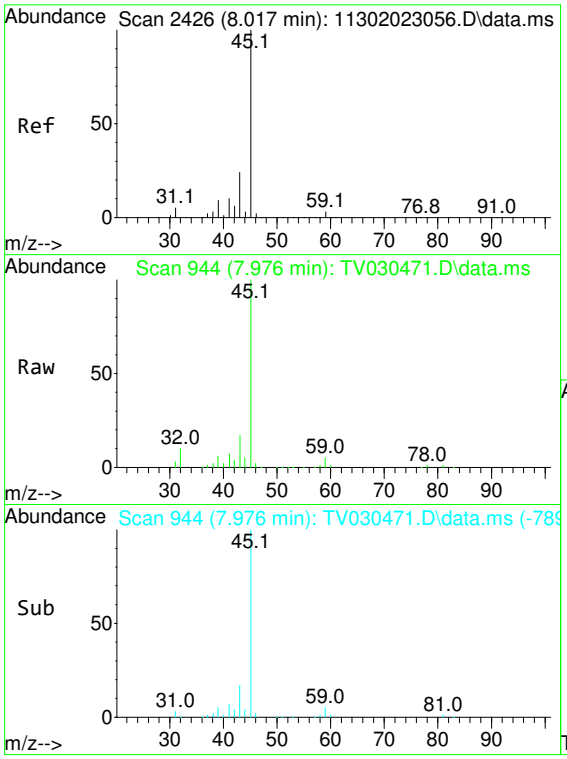


#12
Trichlorofluoromethane
Concen: 0.15 ppbv
RT: 7.492 min Scan# 796
Delta R.T. -0.010 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:101 Resp: 10038

Ion	Ratio	Lower	Upper
101	100		
103	65.7	42.4	88.0
66	10.4	7.9	16.5

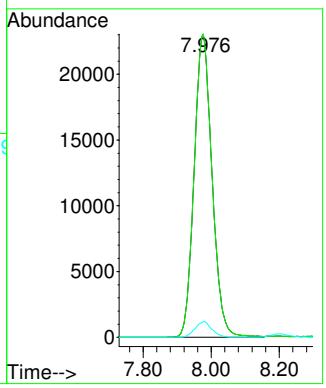


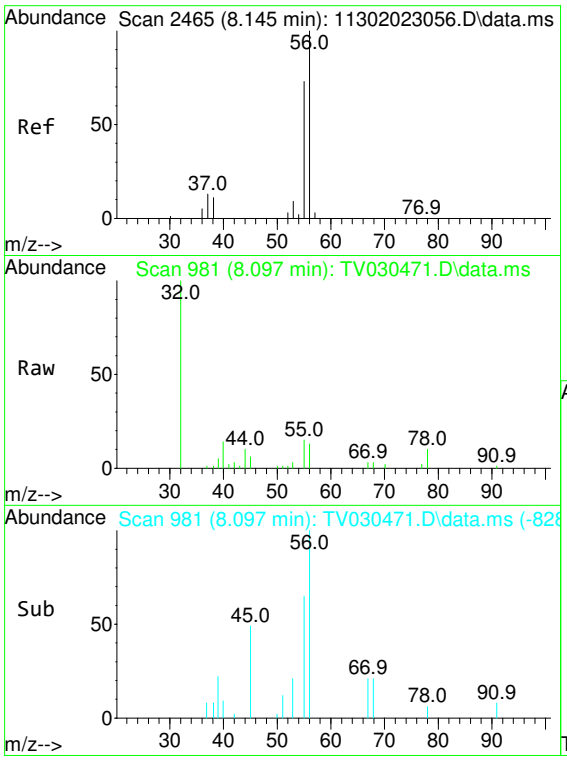


#13
Isopropanol
Concen: 1.52 ppbv
RT: 7.976 min Scan# 944
Delta R.T. 0.006 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 45 Resp: 84273

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.9	0.0	8.4

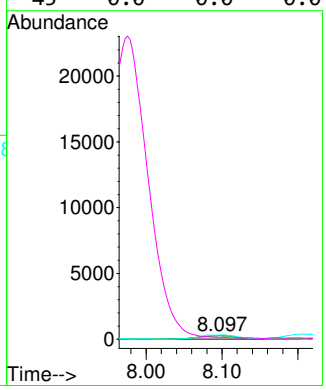


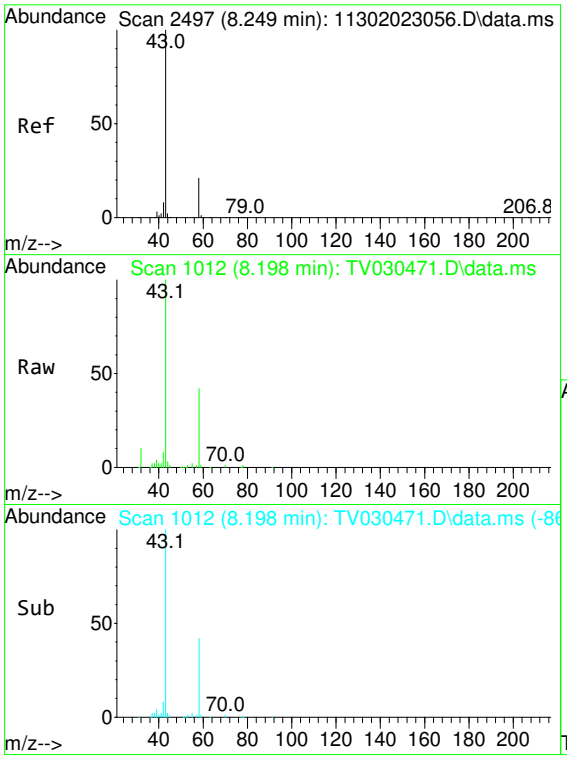


#14
Acrolein
Concen: 0.08 ppbv
RT: 8.097 min Scan# 981
Delta R.T. -0.000 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 56 Resp: 914

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

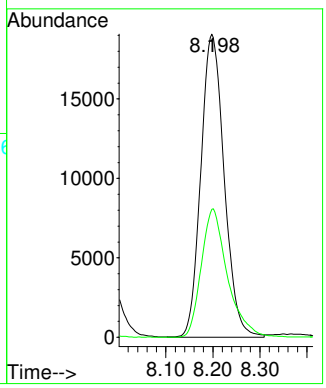


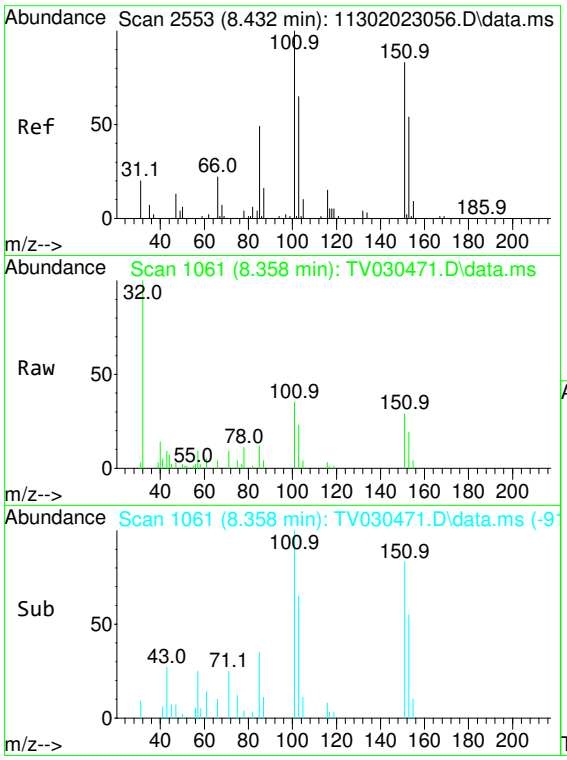


#15
Acetone
Concen: 1.77 ppbv
RT: 8.198 min Scan# 1012
Delta R.T. -0.003 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 43 Resp: 65886

Ion	Ratio	Lower	Upper
43	100		
58	47.7	20.7	42.9#

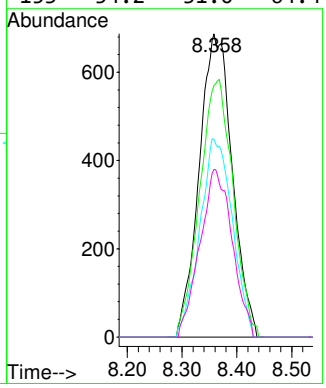


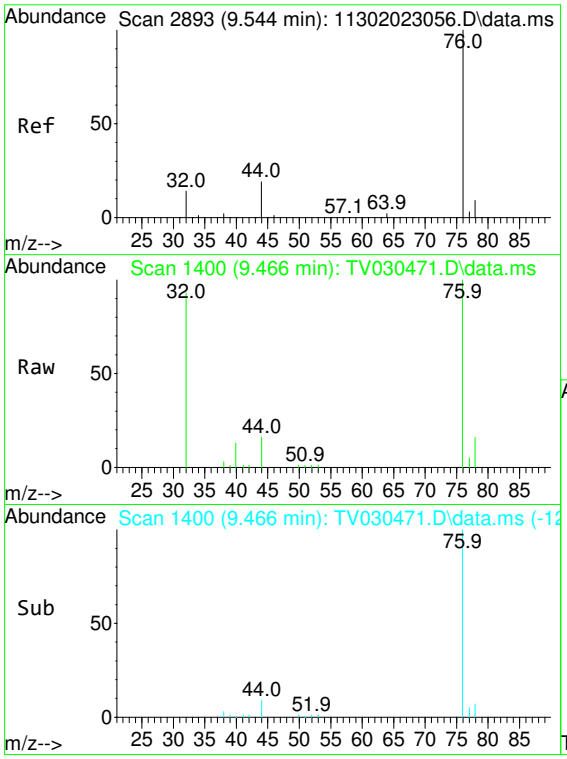


#16
Freon-113
Concen: 0.05 ppbv
RT: 8.358 min Scan# 1061
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:101 Resp: 2868

Ion	Ratio	Lower	Upper
101	100		
151	85.8	48.6	100.8
103	64.3	42.0	87.2
153	54.2	31.0	64.4

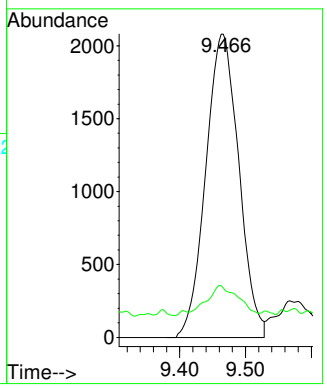


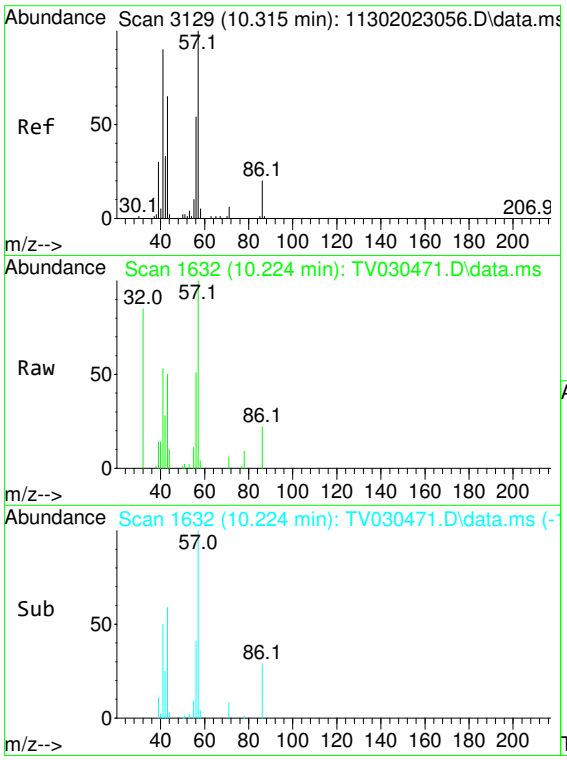


#21
Carbon disulfide
Concen: 0.09 ppbv
RT: 9.466 min Scan# 1400
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 76 Resp: 7265

Ion	Ratio	Lower	Upper
76	100		
44	10.1	8.4	17.4

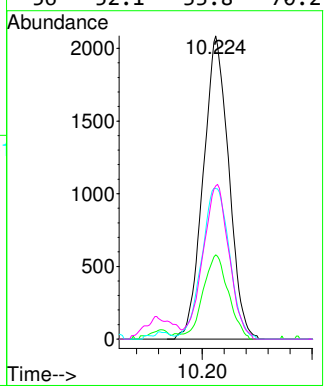


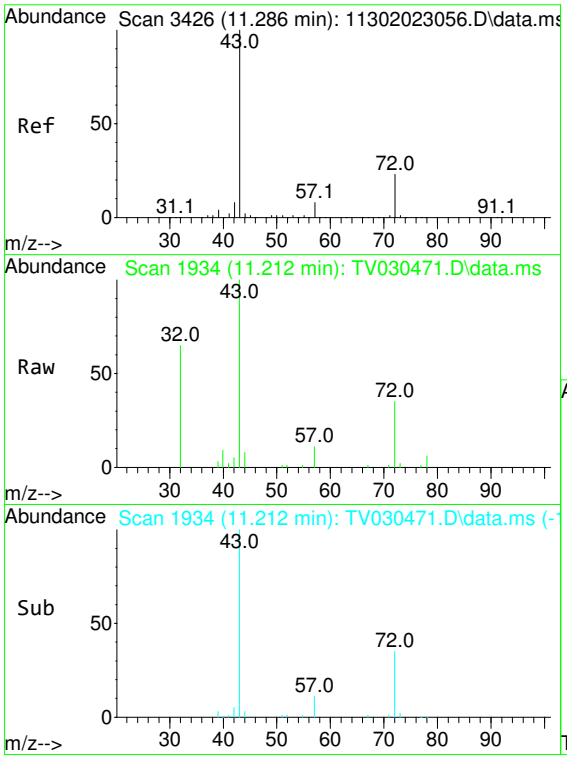


#24
Hexane
Concen: 0.16 ppbv
RT: 10.224 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 57 Resp: 6733

Ion	Ratio	Lower	Upper
57	100		
42	27.9	22.2	46.0
43	54.5	42.9	89.1
56	52.1	33.8	70.2

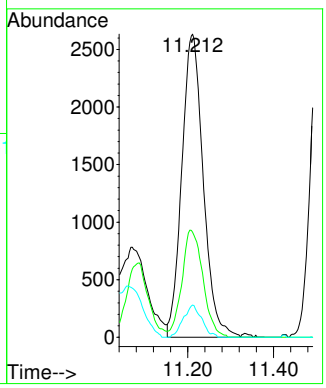


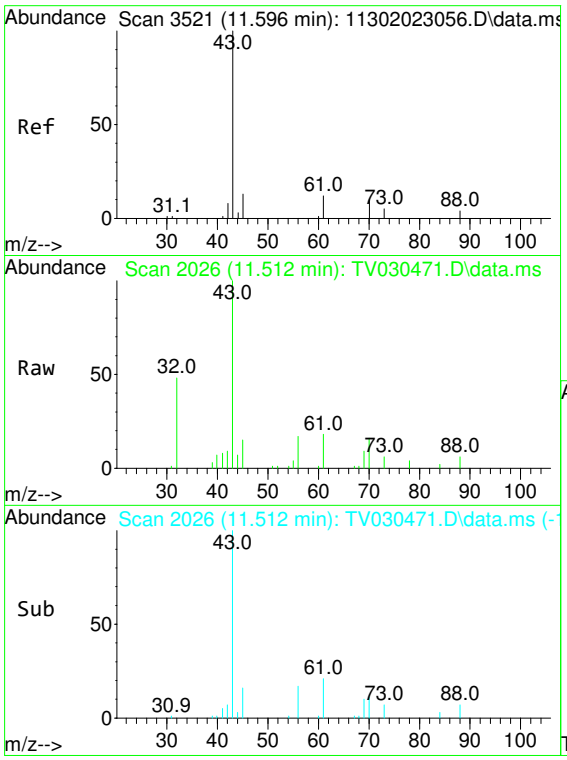


#27
2-Butanone
Concen: 0.19 ppbv
RT: 11.212 min Scan# 1934
Delta R.T. -0.000 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 43 Resp: 9198

Ion	Ratio	Lower	Upper
43	100		
72	34.6	16.4	34.2#
57	9.1	5.0	10.4

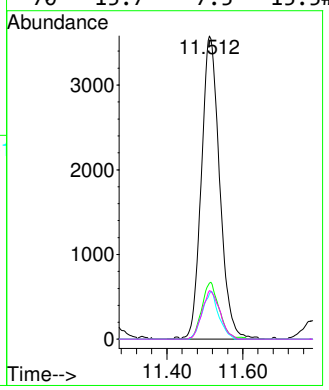


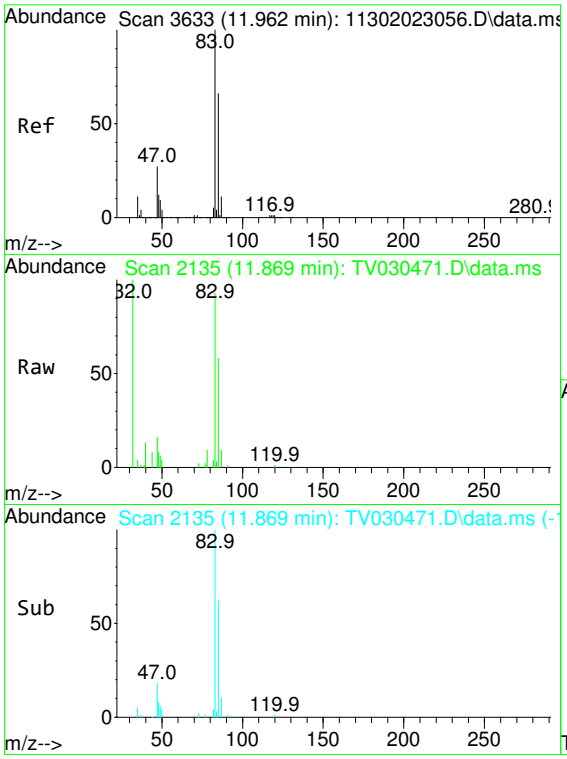


#28
Ethyl Acetate
Concen: 0.21 ppbv
RT: 11.512 min Scan# 2026
Delta R.T. -0.007 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 43 Resp: 11943

Ion	Ratio	Lower	Upper
43	100		
61	17.9	9.2	19.2
45	14.2	9.4	19.6
70	15.7	7.5	15.5#

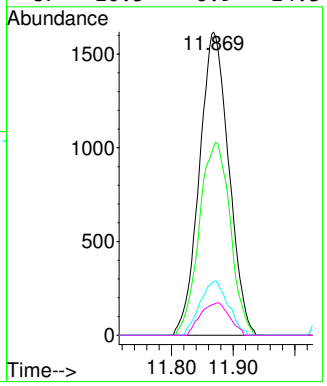


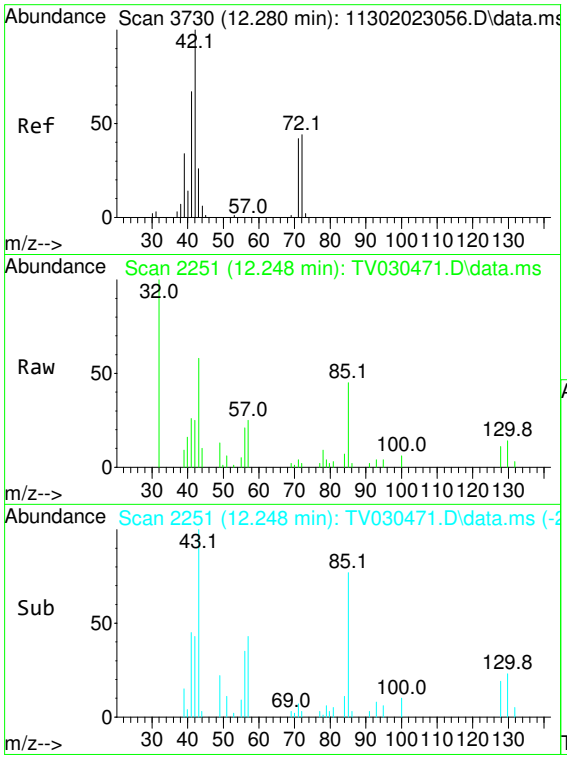


#30
Chloroform
Concen: 0.09 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 83 Resp: 5352

Ion	Ratio	Lower	Upper
83	100		
85	66.7	42.2	87.6
47	17.2	14.8	30.8
87	10.5	6.9	14.3

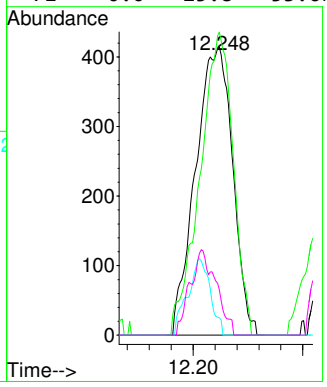


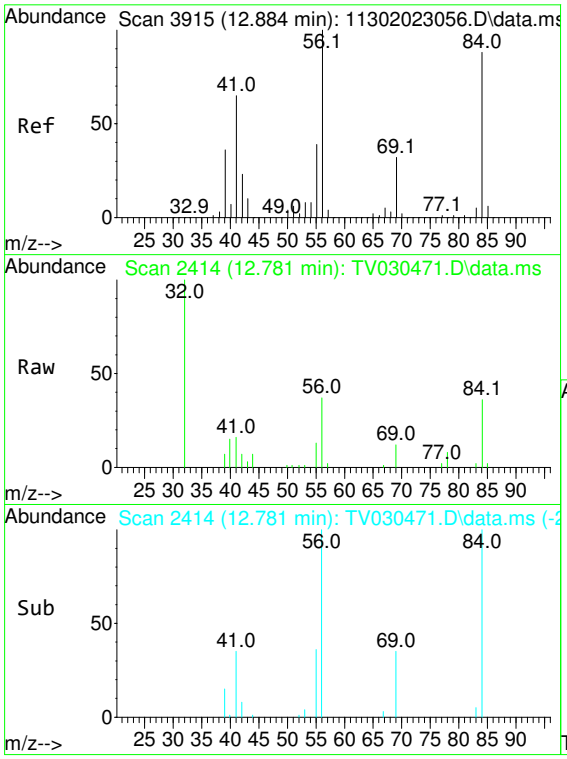


#31
Tetrahydrofuran
Concen: 0.07 ppbv
RT: 12.248 min Scan# 2251
Delta R.T. 0.046 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 42 Resp: 1944

Ion	Ratio	Lower	Upper
42	100		
41	94.3	34.5	71.7#
72	0.0	27.4	56.8#
71	0.0	25.8	53.6#

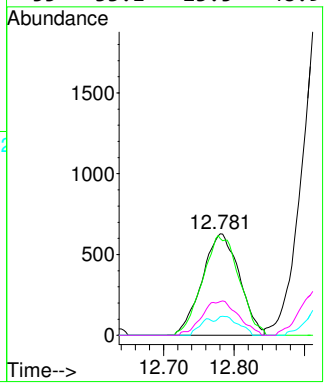


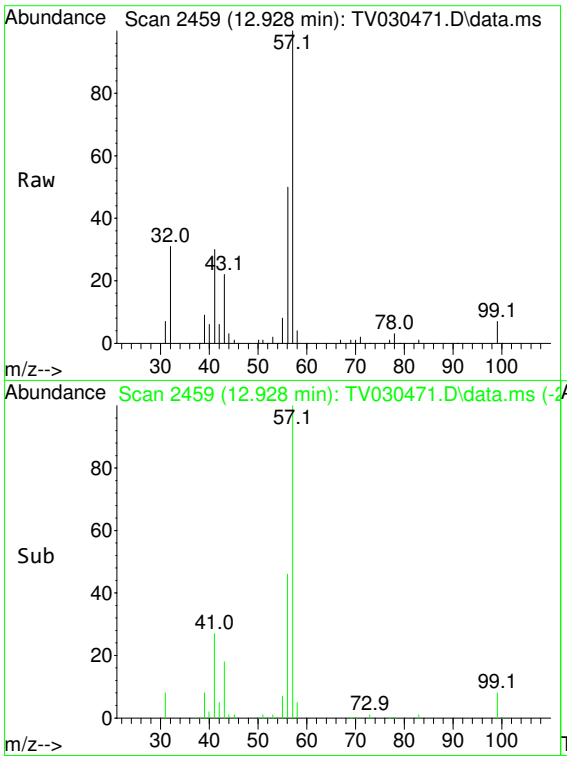


#33
Cyclohexane
Concen: 0.05 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 56 Resp: 2314

Ion	Ratio	Lower	Upper
56	100		
84	96.3	56.4	117.0
42	0.0	15.3	31.7#
55	33.1	23.5	48.9

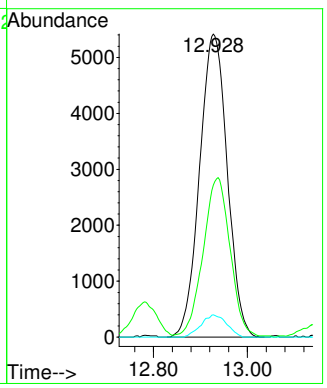


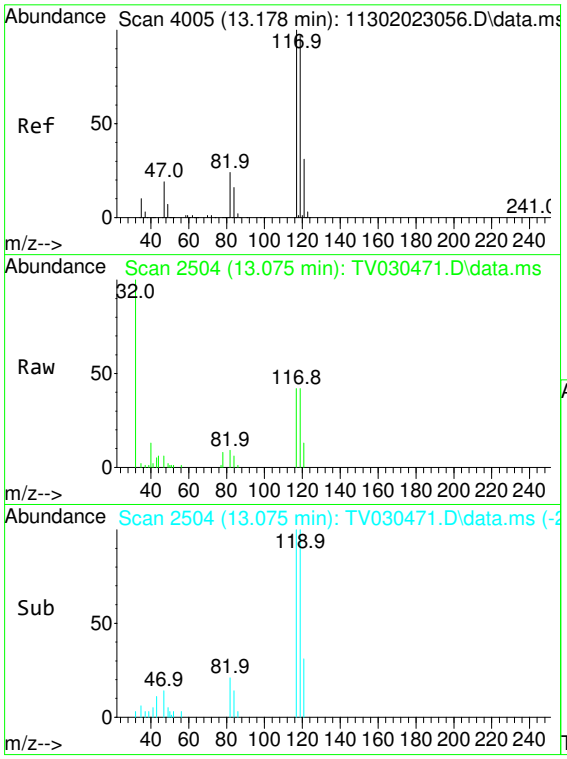


#34
2,2,4-Trimethylpentane
Concen: 0.17 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 57 Resp: 22142

Ion	Ratio	Lower	Upper
57	100		
56	51.8	24.5	45.5#
99	6.8	3.5	6.5#

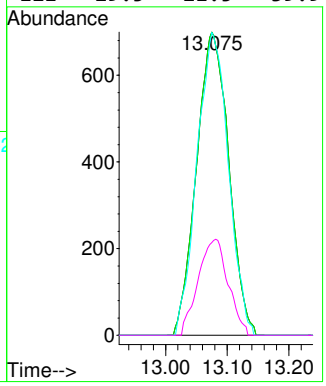


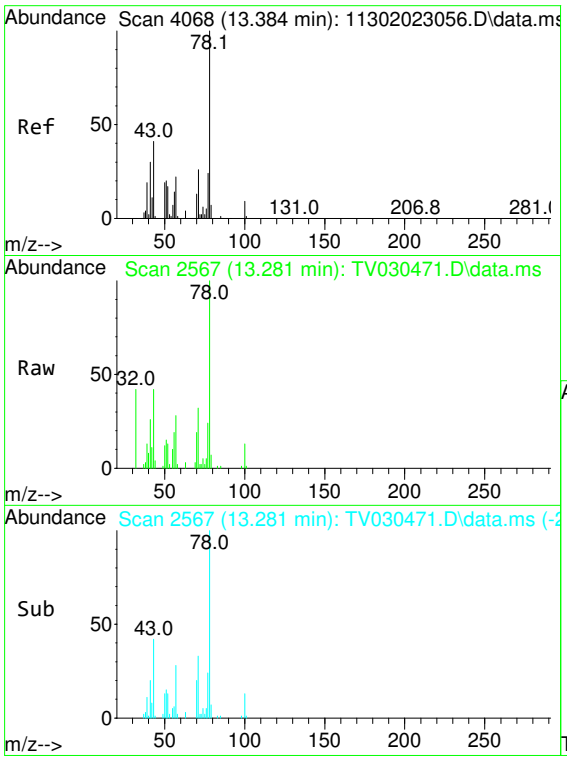


#35
Carbon Tetrachloride
Concen: 0.04 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:117 Resp: 2541

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.0	76.5	114.7
121	29.5	21.5	39.9

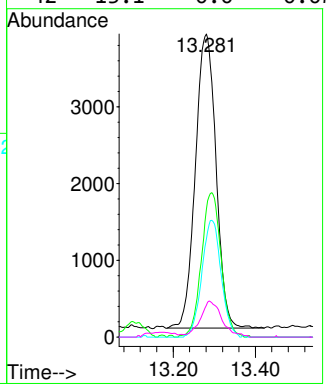


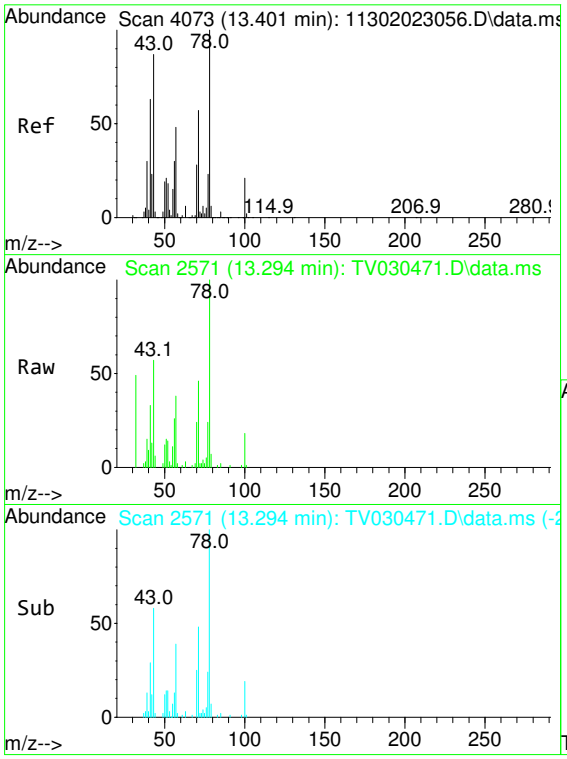


#37
Benzene
Concen: 0.14 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 78 Resp: 13346

Ion	Ratio	Lower	Upper
78	100		
43	47.0	0.0	0.0#
71	37.1	0.0	0.0#
42	13.1	0.0	0.0#

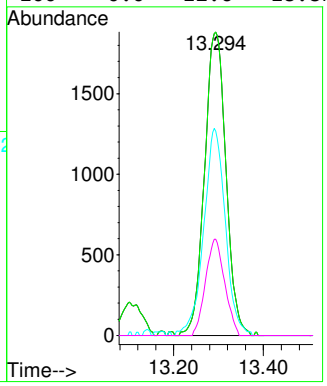


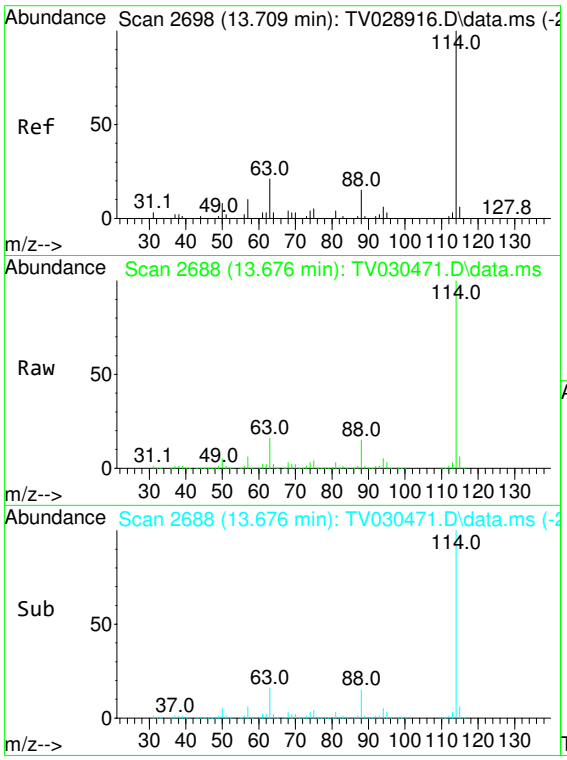


#38
n-Heptane
Concen: 0.15 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 43 Resp: 6269

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	0.0	12.6	18.8#

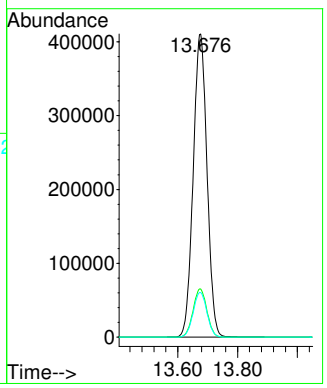


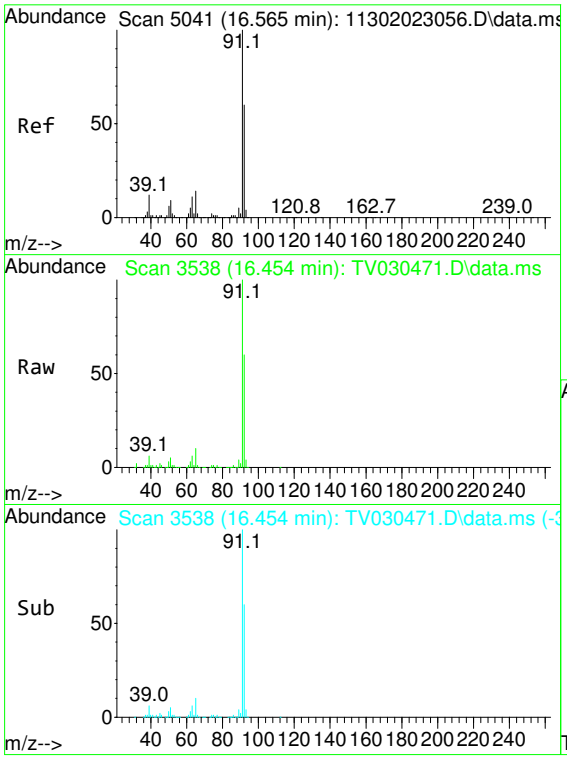


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:114 Resp: 1314706

Ion	Ratio	Lower	Upper
114	100		
63	16.0	14.0	29.2
88	14.8	11.2	23.2

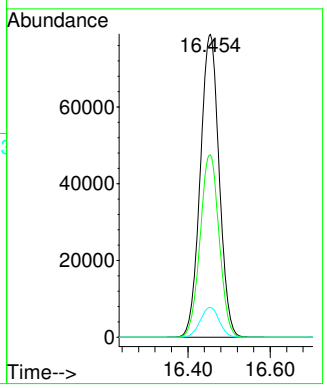


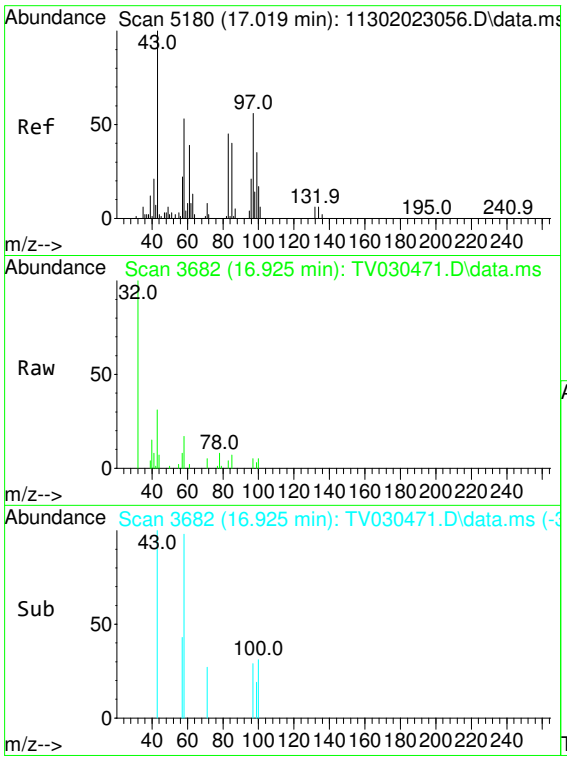


#47
Toluene
Concen: 1.87 ppbv
RT: 16.454 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 251087

Ion	Ratio	Lower	Upper
91	100		
92	60.8	39.0	81.0
65	10.0	7.7	16.1

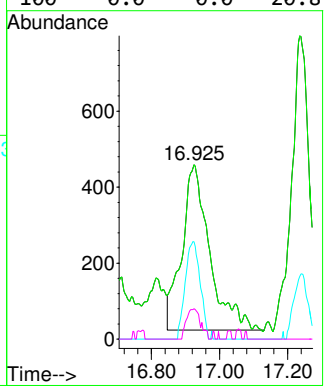


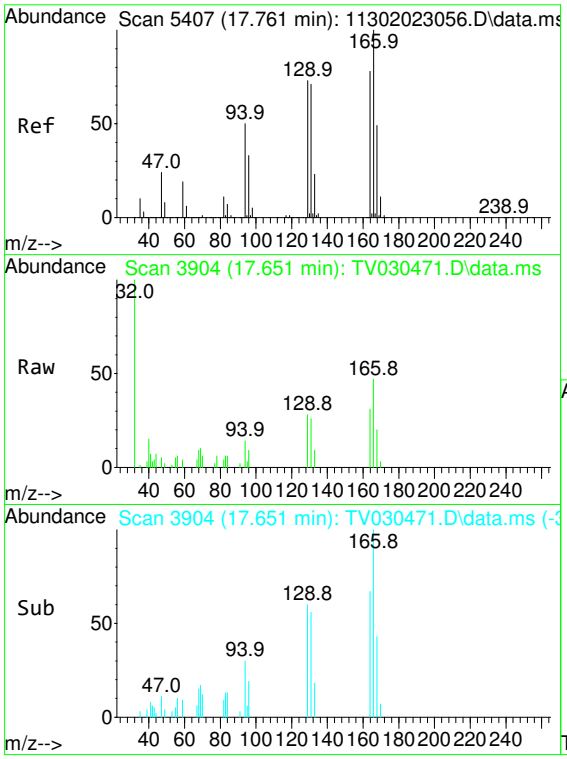


#50
2-Hexanone
Concen: 0.04 ppbv
RT: 16.925 min Scan# 3682
Delta R.T. -0.000 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 43 Resp: 2472

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	43.4	65.2#
100	0.0	0.0	20.8

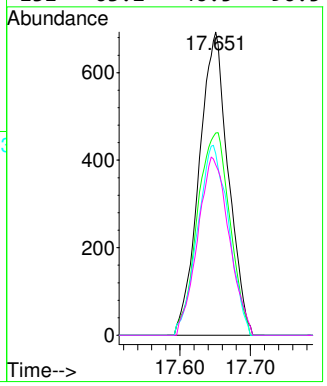


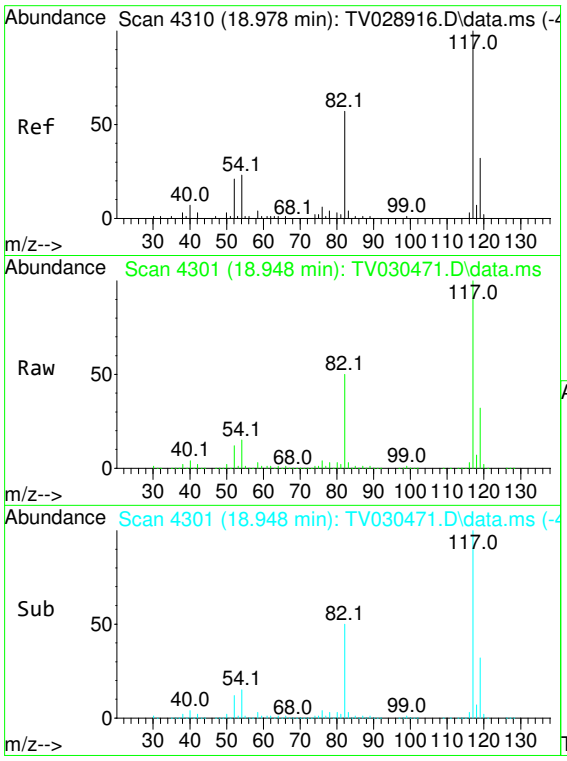


#52
Tetrachloroethylene
Concen: 0.03 ppbv
RT: 17.651 min Scan# 3904
Delta R.T. -0.010 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:166 Resp: 1990

Ion	Ratio	Lower	Upper
166	100		
164	74.5	51.4	106.8
129	66.6	47.0	97.6
131	63.2	46.5	96.5

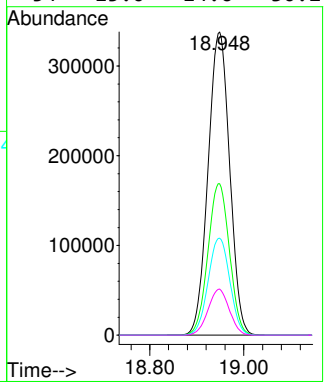


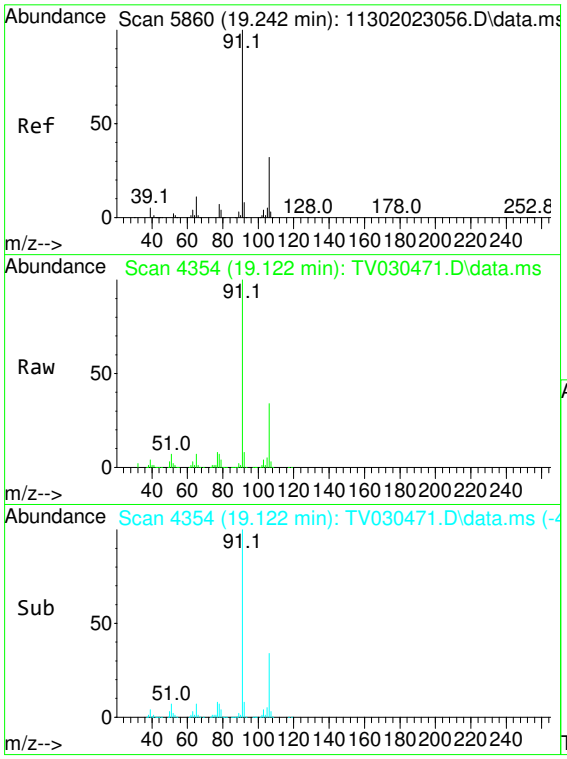


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:117 Resp: 1077898

Ion	Ratio	Lower	Upper
117	100		
82	49.8	38.7	80.5
119	32.3	20.3	42.3
54	15.0	14.6	30.2

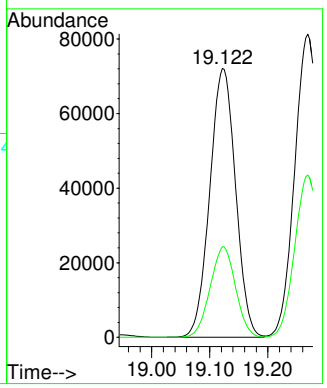


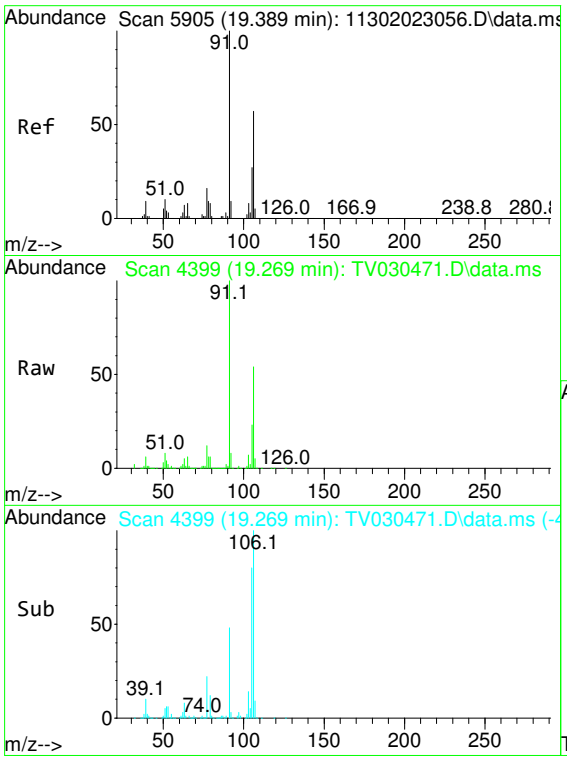


#58
Ethylbenzene
Concen: 1.42 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 222673

Ion	Ratio	Lower	Upper
91	100		
106	33.2	20.3	42.3

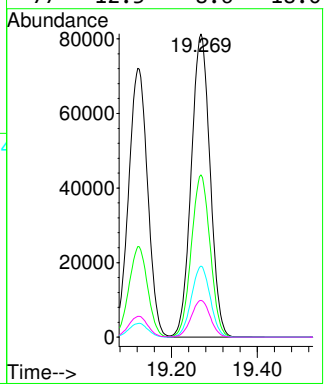


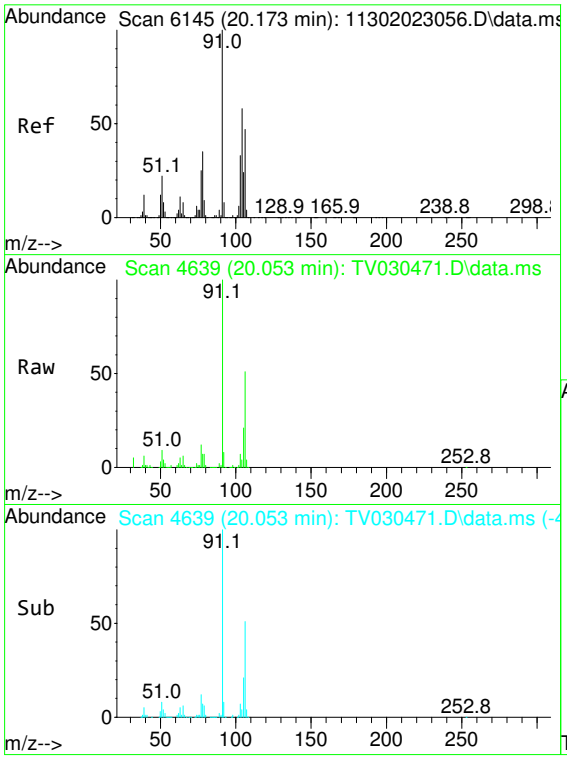


#59
p- & m-Xylenes
Concen: 2.08 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 247364

Ion	Ratio	Lower	Upper
91	100		
106	53.7	31.0	64.4
105	23.5	13.4	27.8
77	12.3	8.6	18.0

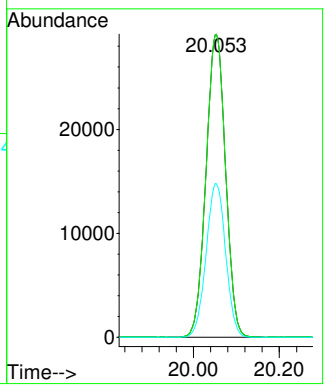


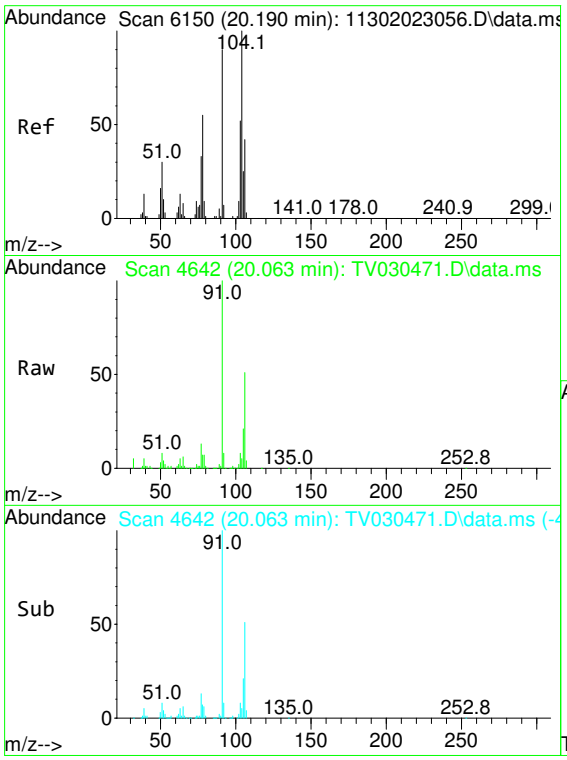


#60
o-Xylene
Concen: 0.75 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 92128

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.6	36.9	55.3

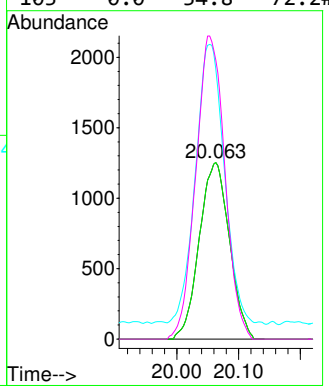


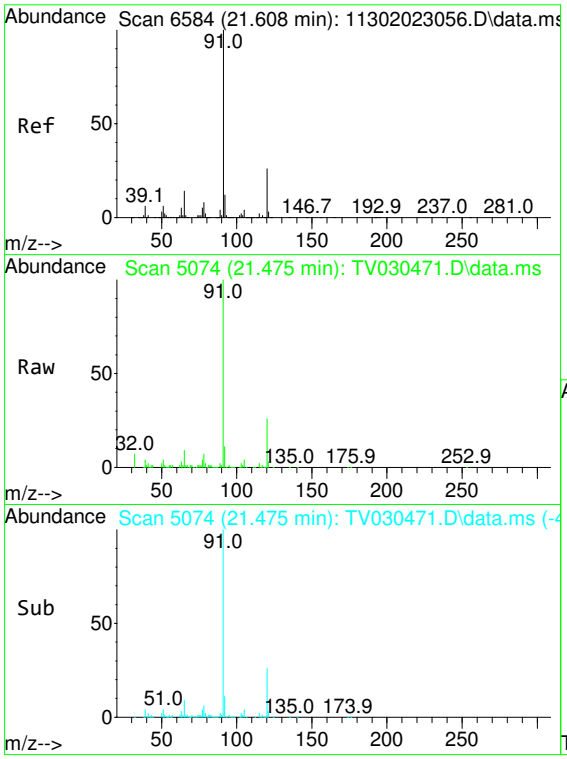


#61
Styrene
Concen: 0.04 ppbv
RT: 20.063 min Scan# 4642
Delta R.T. -0.020 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:104 Resp: 4244

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

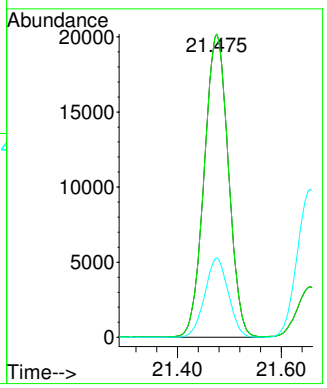


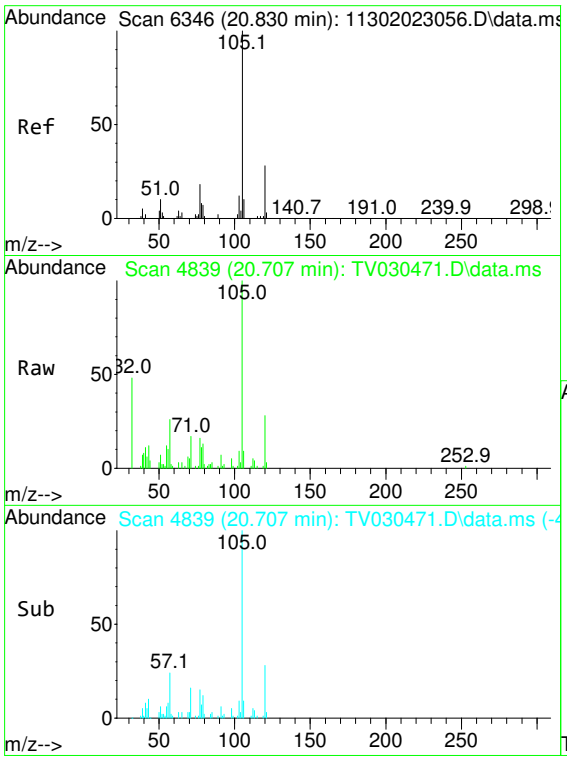


#63
n-Propylbenzene
Concen: 0.32 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 65274

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	25.4	11.0	33.0

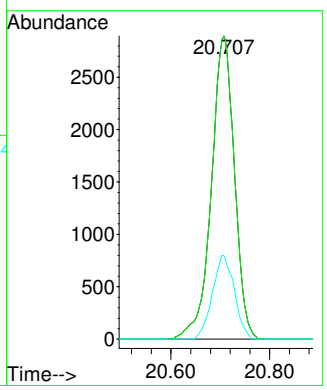


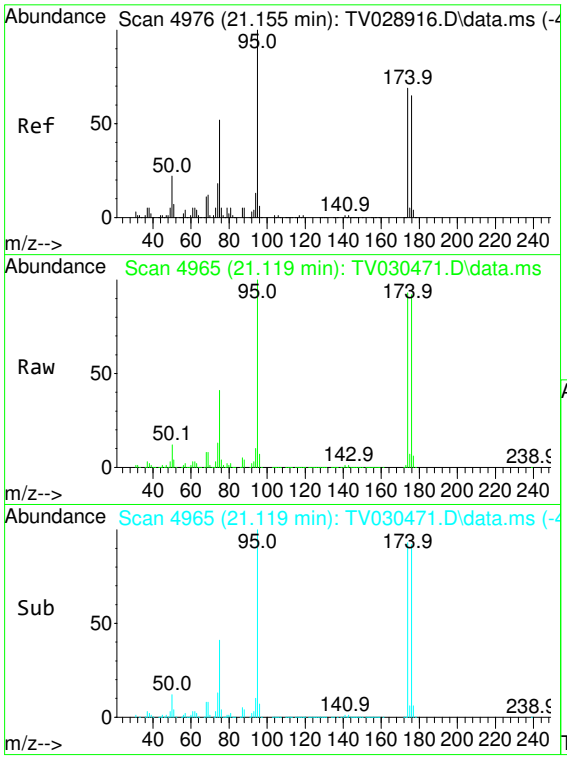


#64
Isopropylbenzene
Concen: 0.05 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:105 Resp: 9367

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	26.3	13.1	39.1

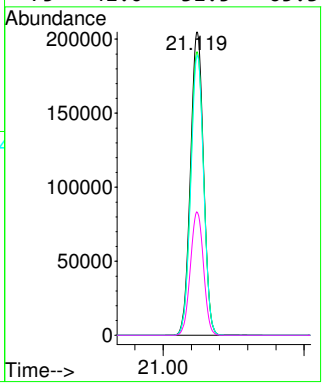


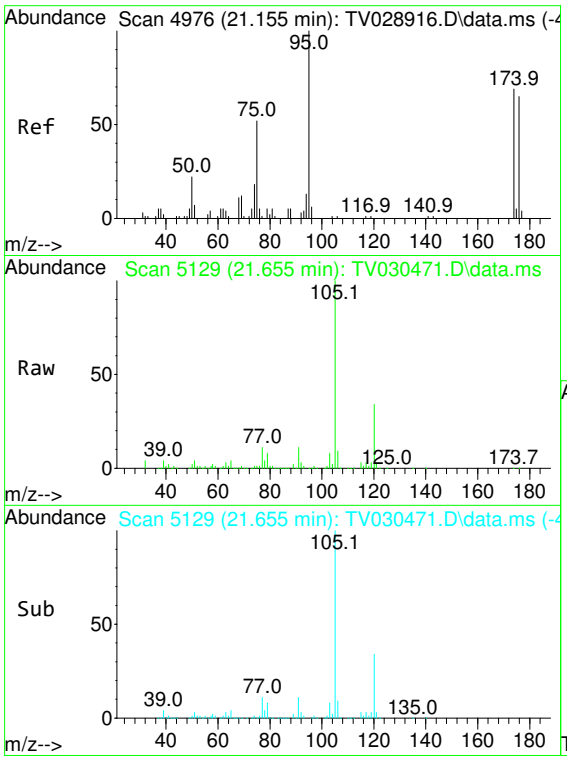


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 95 Resp: 657409

Ion	Ratio	Lower	Upper
95	100		
174	93.5	50.0	103.8
176	91.2	48.2	100.2
75	41.0	31.5	65.3

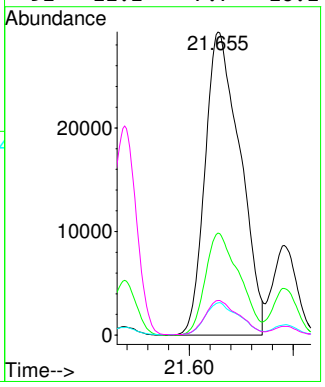


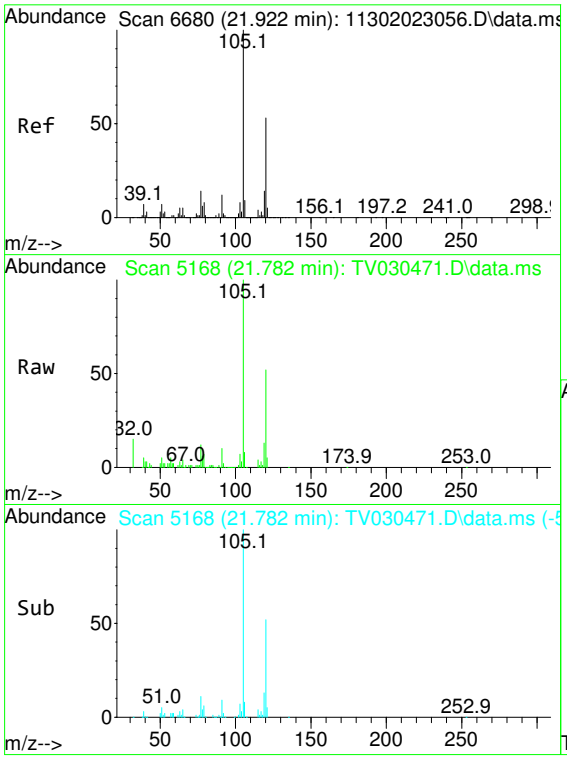


#67
4-Ethyltoluene
Concen: 0.80 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:105 Resp: 136896

Ion	Ratio	Lower	Upper
105	100		
120	33.0	17.2	35.6
77	10.3	7.6	15.8
91	11.1	7.7	16.1

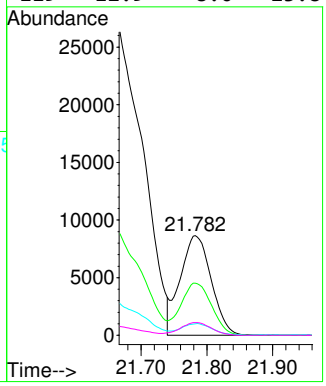


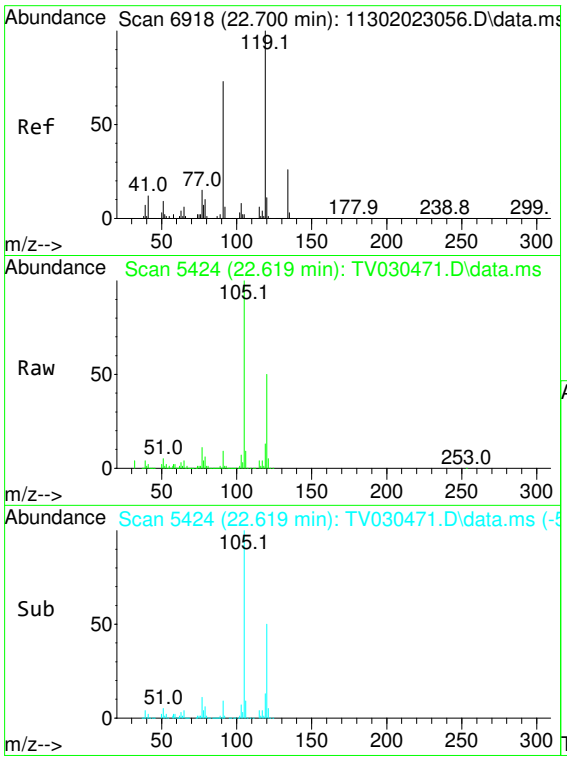


#68
1,3,5-Trimethylbenzene
Concen: 0.20 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:105 Resp: 28467

Ion	Ratio	Lower	Upper
105	100		
120	52.4	43.4	65.2
77	11.8	10.8	16.2
119	12.9	8.0	23.8

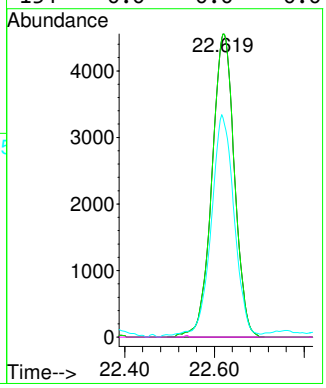


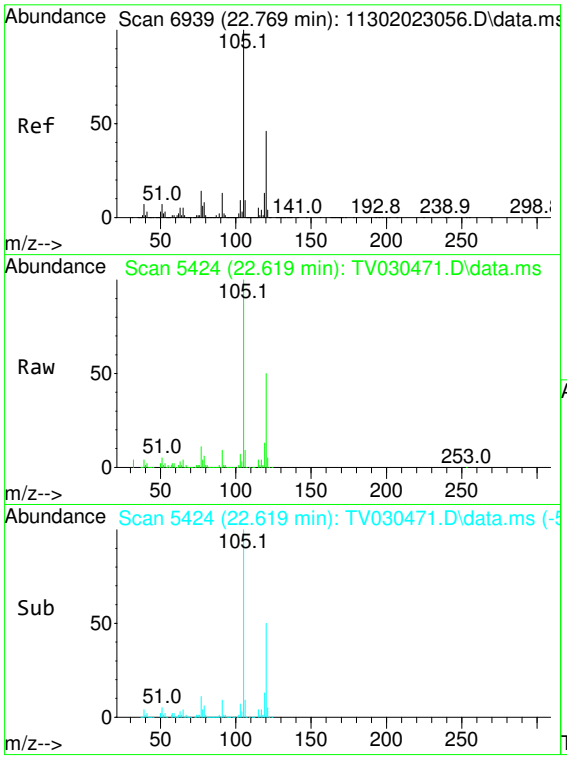


#69
tert-Butylbenzene
Concen: 0.09 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. 0.055 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:119 Resp: 15887

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	75.3	37.6	112.9
134	0.0	0.0	0.0

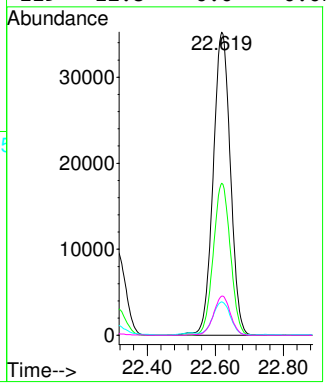


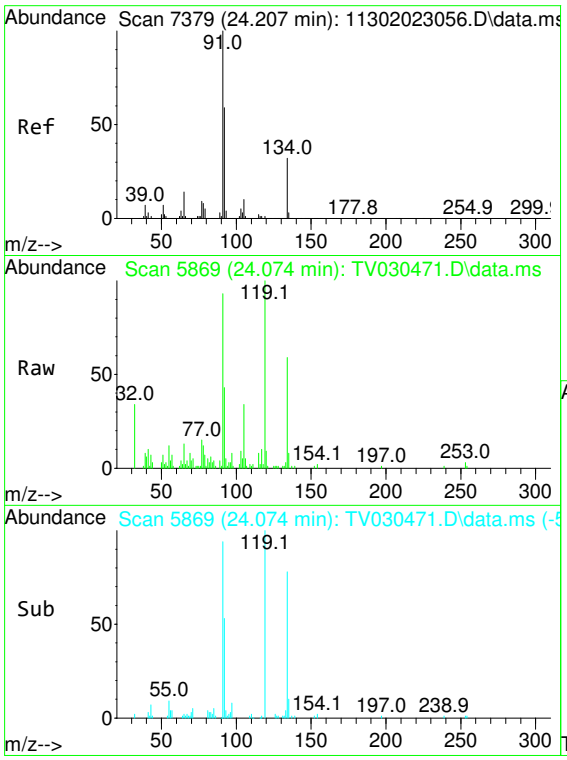


#70
1,2,4-Trimethylbenzene
Concen: 0.84 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:105 Resp: 123766

Ion	Ratio	Lower	Upper
105	100		
120	49.7	29.0	60.2
77	11.2	8.2	17.0
119	12.8	0.0	0.0#

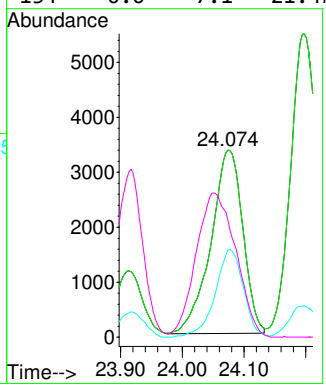


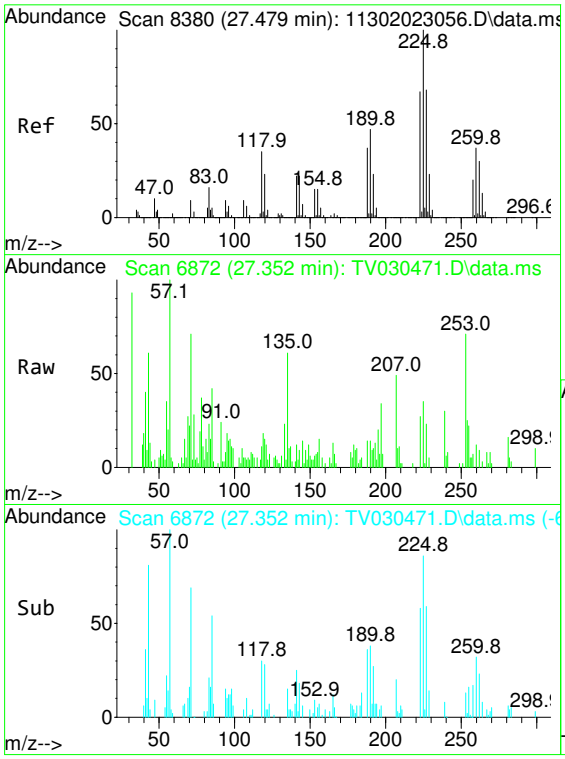


#76
n-Butylbenzene
Concen: 0.08 ppbv
RT: 24.074 min Scan# 5869
Delta R.T. -0.020 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion: 91 Resp: 12005

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
92	42.2	27.8	41.8#
134	0.0	7.1	21.4#

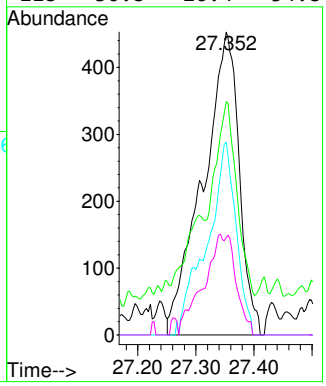


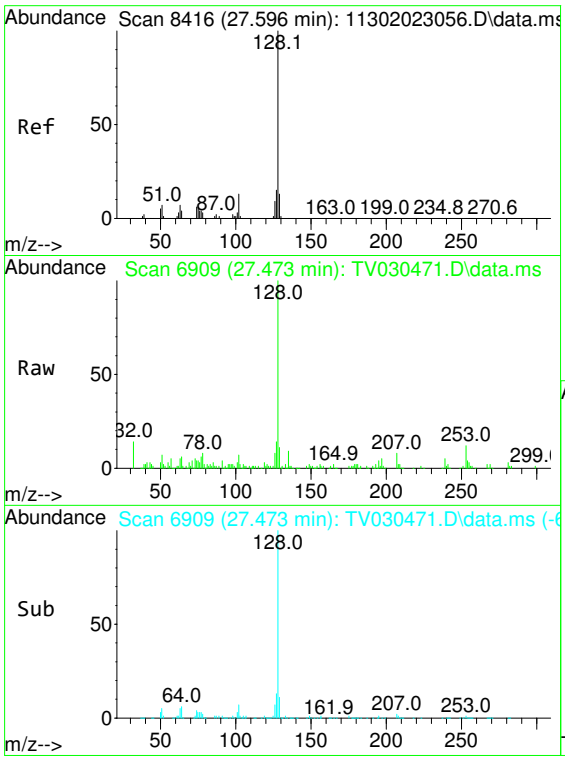


#79
Hexachlorobutadiene
Concen: 0.03 ppbv
RT: 27.352 min Scan# 6872
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:225 Resp: 1958

Ion	Ratio	Lower	Upper
225	100		
223	66.3	41.4	86.0
227	51.4	43.4	90.2
118	30.8	26.4	54.8

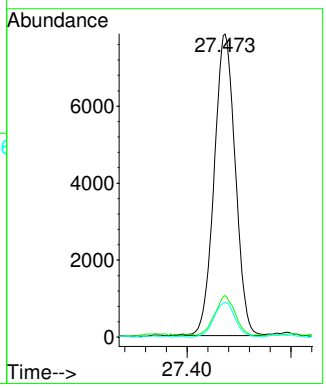




#80
Naphthalene
Concen: 0.13 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030471.D
Acq: 22 Apr 2025 02:36 pm

Tgt Ion:128 Resp: 22160

Ion	Ratio	Lower	Upper
128	100		
127	12.8	8.1	16.9
129	11.7	7.3	15.1



Sample Information

Client Sample ID: AI-2 20250326 **York Sample ID: 25C1721-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.61		ug/m³	0.56	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.54	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
95-63-6	**1,2,4-Trimethylbenzene**	1.6		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.56	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.51	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
108-67-8	**1,3,5-Trimethylbenzene**	0.89		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.48	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.71		ug/m³	0.17	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
78-93-3	**2-Butanone**	2.7		ug/m³	0.21	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
108-10-1	**4-Methyl-2-pentanone**	0.50		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
67-64-1	**Acetone**	37		ug/m³	1.4	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
107-13-1	**Acrylonitrile**	8.2		ug/m³	2.0	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
71-43-2	**Benzene**	1.4		ug/m³	0.23	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.38	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.49	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-25-2	Bromoform	ND		ug/m³	0.75	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
74-83-9	Bromomethane	ND		ug/m³	0.28	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
56-23-5	**Carbon tetrachloride**	0.55		ug/m³	0.11	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR

Sample Information

Client Sample ID: AI-2 20250326 **York Sample ID: 25C1721-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-00-3	Chloroethane	ND		ug/m³	0.19	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
67-66-3	Chloroform	ND		ug/m³	0.35	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.15	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
110-82-7	Cyclohexane	ND		ug/m³	0.25	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.62	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
141-78-6	*** Ethyl acetate**	6.7		ug/m³	0.52	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
100-41-4	**Ethyl Benzene**	5.9		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.77	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
67-63-0	**Isopropanol**	6.1	CAL-E	ug/m³	1.1	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
80-62-6	**Methyl Methacrylate**	0.50		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.76	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
142-82-5	**n-Heptane**	3.9		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
110-54-3	**n-Hexane**	0.74		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
95-47-6	**o-Xylene**	6.3		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
179601-23-1	**p- & m- Xylenes**	13		ug/m³	0.63	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
622-96-8	*** p-Ethyltoluene**	3.0		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
115-07-1	*** Propylene**	1.6		ug/m³	0.12	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
100-42-5	**Styrene**	1.3		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
127-18-4	**Tetrachloroethylene**	2.2		ug/m³	0.49	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.43	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
108-88-3	**Toluene**	9.8		ug/m³	0.27	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.097	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.41	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.32	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.093	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR
74-97-5	*Internal Standard: Bromochloromethan*	*99.4 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*98.5 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030472.D
Acq On : 22 Apr 2025 03:23 pm
Operator : YR
Sample : 25C1721-04
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.725
InstName : TO15_AIR3

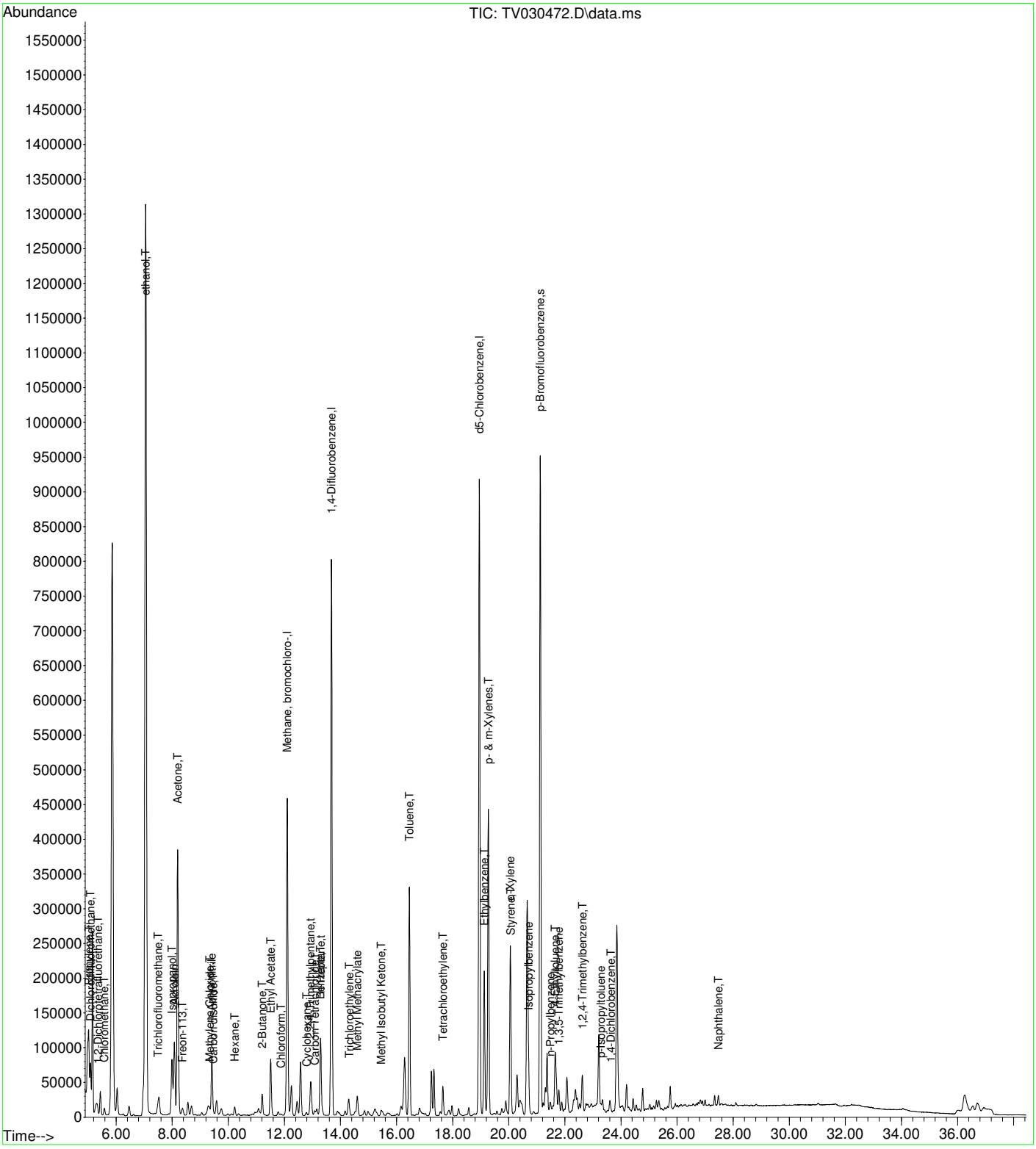
Quant Time: Apr 22 16:03:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

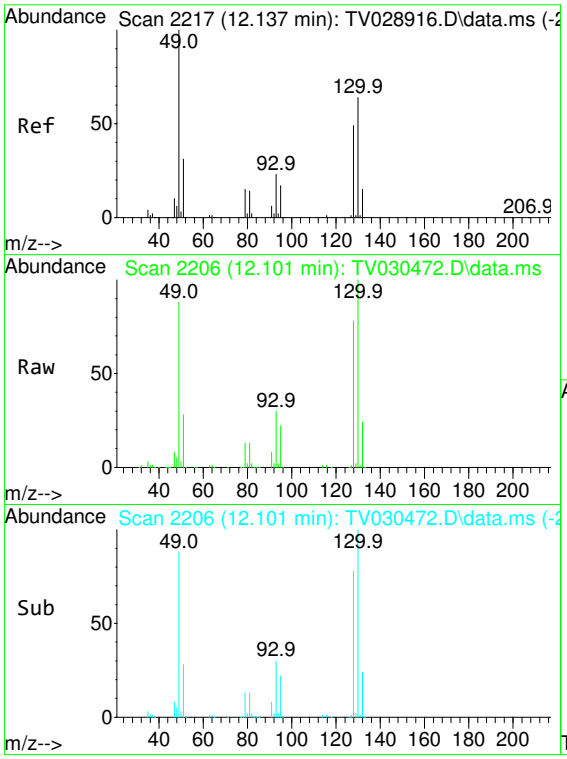
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	305702	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1258466	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.949	117	1095163	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	665845	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.021	42	16814	1.32	ppbv	#	19
3) Dichlorodifluoromethane	5.090	85	47691	0.69	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.354	85	2015	0.02	ppbv	#	89
5) Chloromethane	5.580	50	17770	0.87	ppbv		100
10) ethanol	7.054	45	1758873	136.73	ppbv		88
12) Trichlorofluoromethane	7.489	101	23186	0.34	ppbv		99
13) Isopropanol	7.989	45	187295	3.44	ppbv		100
14) Acrolein	8.087	56	7639	0.65	ppbv	#	100
15) Acetone	8.191	43	781991	21.39	ppbv		81
16) Freon-113	8.361	101	6643	0.11	ppbv		90
19) Methylene Chloride	9.336	49	8716	0.31	ppbv	#	1
20) Acrylonitrile	9.411	53	119550	5.19	ppbv	#	100
21) Carbon disulfide	9.466	76	7027	0.09	ppbv		97
24) Hexane	10.228	57	11881	0.29	ppbv		91
27) 2-Butanone	11.205	43	61005	1.27	ppbv	#	83
28) Ethyl Acetate	11.509	43	142799	2.58	ppbv	#	92
30) Chloroform	11.875	83	2770	0.05	ppbv	#	84
33) Cyclohexane	12.787	56	3965	0.09	ppbv		89
34) 2,2,4-Trimethylpentane	12.928	57	26295	0.21	ppbv	#	1
35) Carbon Tetrachloride	13.078	117	7114	0.12	ppbv		99
37) Benzene	13.281	78	54467	0.59	ppbv	#	100
38) n-Heptane	13.294	43	52949	1.30	ppbv	#	89
40) Trichloroethylene	14.314	95	1080	0.02	ppbv	#	52
42) Methyl Methacrylate	14.598	69	6454	0.17	ppbv	#	52
45) Methyl Isobutyl Ketone	15.451	43	11059	0.17	ppbv	#	81
47) Toluene	16.455	91	464183	3.60	ppbv		98
52) Tetrachloroethylene	17.648	166	25258	0.44	ppbv		96
58) Ethylbenzene	19.125	91	298236	1.87	ppbv		97
59) p- & m-Xylenes	19.269	91	486416	4.02	ppbv		92
60) o-Xylene	20.053	91	251207	2.01	ppbv		98
61) Styrene	20.070	104	41465	0.43	ppbv	#	74
63) n-Propylbenzene	21.475	91	21962	0.10	ppbv		100
64) Isopropylbenzene	20.707	105	81004	0.45	ppbv		98
67) 4-Ethyltoluene	21.655	105	145828	0.84	ppbv		93
68) 1,3,5-Trimethylbenzene	21.782	105	36399	0.25	ppbv		97
70) 1,2,4-Trimethylbenzene	22.619	105	66737	0.45	ppbv	#	93
72) p-Isopropyltoluene	23.280	119	17486	0.09	ppbv	#	99
74) 1,4-Dichlorobenzene	23.642	146	1682	0.02	ppbv	#	71
80) Naphthalene	27.473	128	21128	0.13	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030472.D
Acq On : 22 Apr 2025 03:23 pm
Operator : YR
Sample : 25C1721-04
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.725
InstName : TO15_AIR3

Quant Time: Apr 22 16:03:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

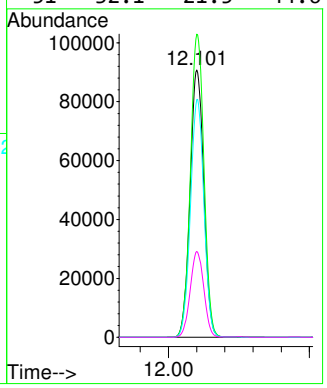


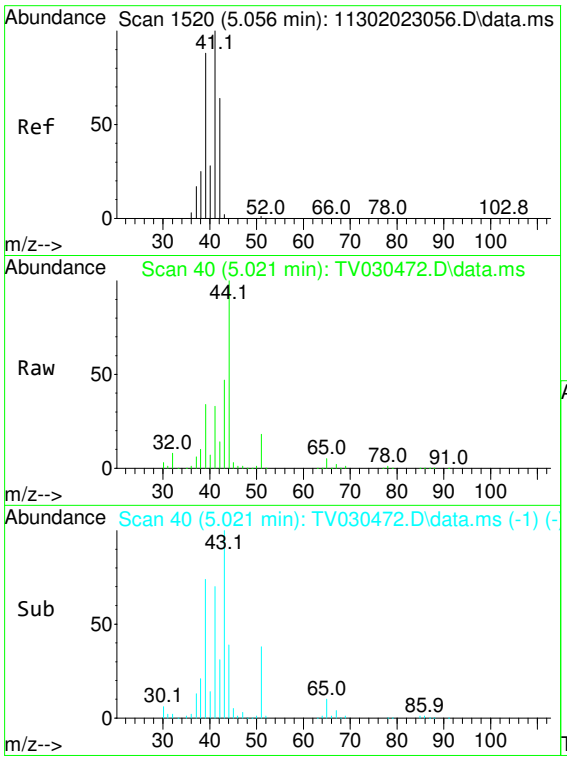


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 49 Resp: 305702

Ion	Ratio	Lower	Upper
49	100		
130	112.8	44.5	92.3#
128	87.6	34.7	72.1#
51	32.1	21.5	44.6

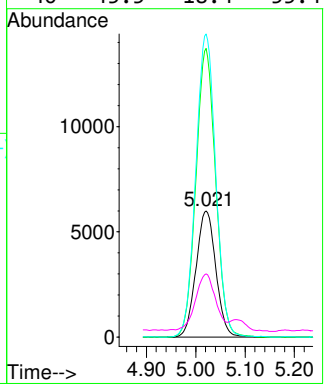


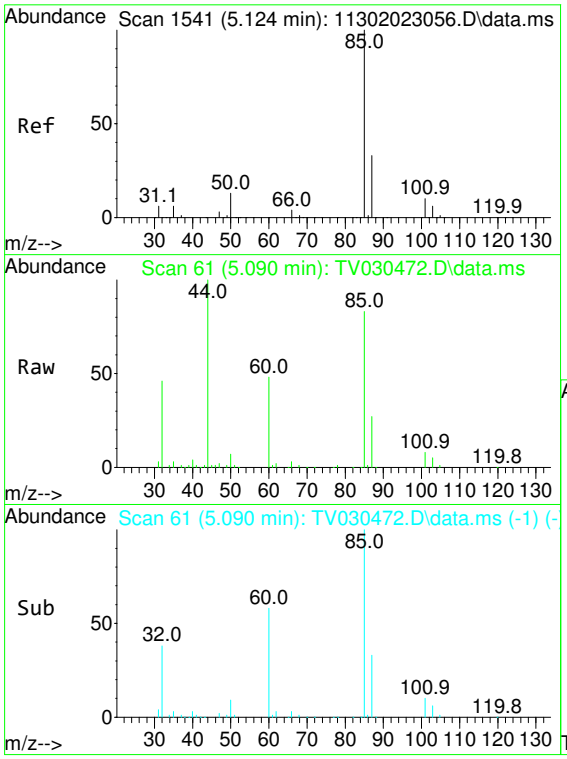


#2
Propylene
Concen: 1.32 ppbv
RT: 5.021 min Scan# 40
Delta R.T. -0.020 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 42 Resp: 16814

Ion	Ratio	Lower	Upper
42	100		
41	226.7	88.9	207.5#
39	240.0	52.2	156.6#
40	45.5	18.4	55.4

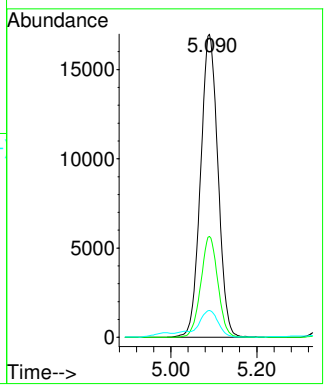


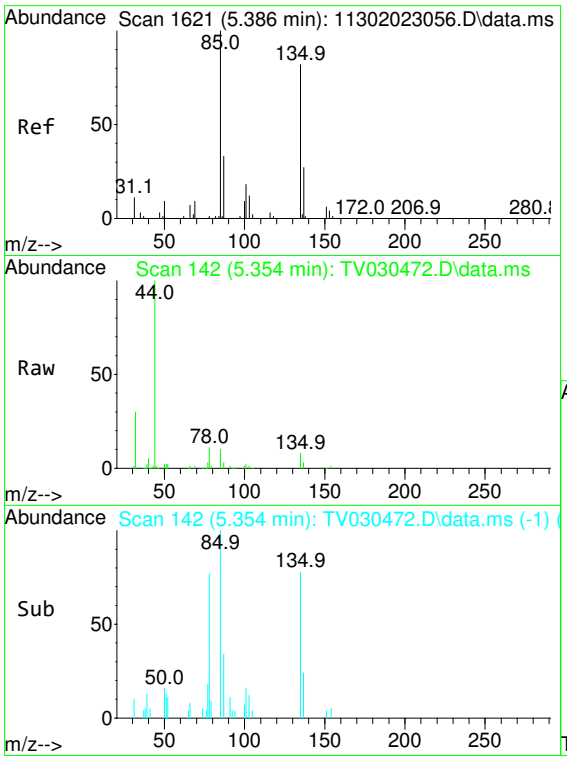


#3
Dichlorodifluoromethane
Concen: 0.69 ppbv
RT: 5.090 min Scan# 61
Delta R.T. -0.023 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 85 Resp: 47691

Ion	Ratio	Lower	Upper
85	100		
87	32.7	21.0	43.6
50	11.2	6.8	14.2

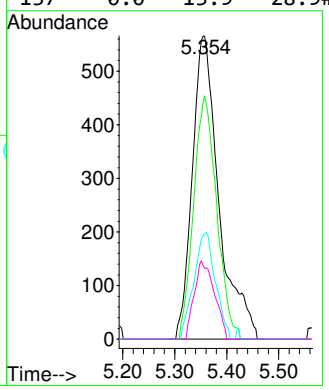


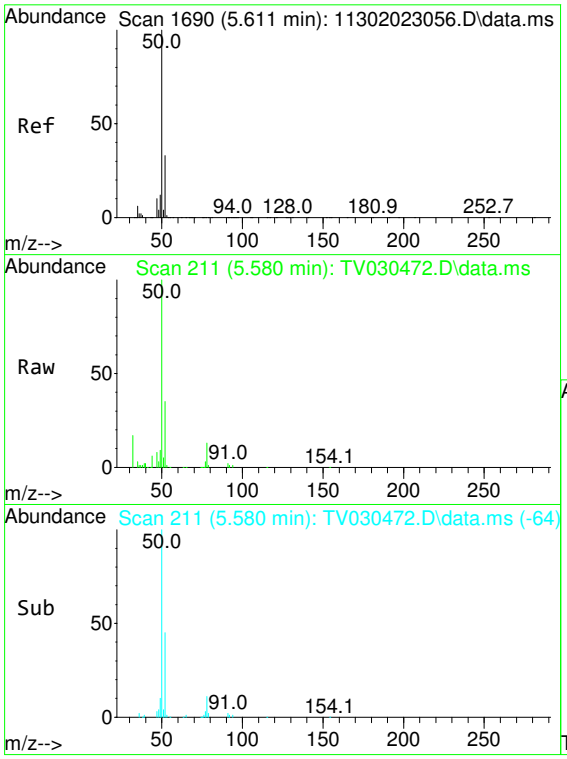


#4
1,2-Dichlorotetrafluorethane
Concen: 0.02 ppbv
RT: 5.354 min Scan# 142
Delta R.T. -0.020 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 85 Resp: 2015

Ion	Ratio	Lower	Upper
85	100		
135	69.4	43.7	90.7
87	28.9	20.9	43.3
137	0.0	13.9	28.9#

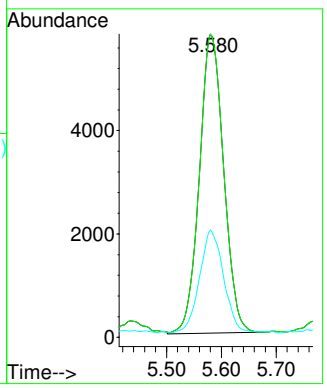


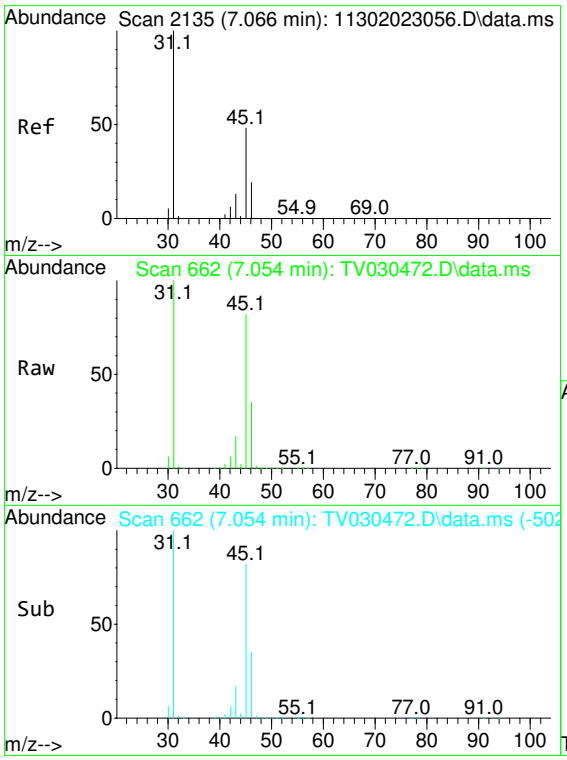


#5
Chloromethane
Concen: 0.87 ppbv
RT: 5.580 min Scan# 211
Delta R.T. -0.020 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 50 Resp: 17770

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	33.7	16.5	49.5

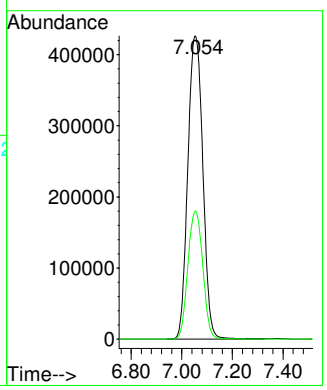


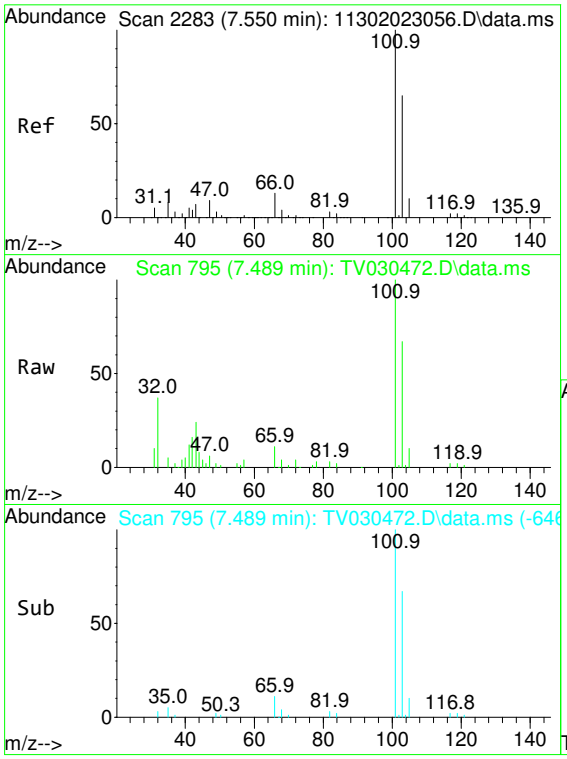


#10
ethanol
Concen: 136.73 ppbv
RT: 7.054 min Scan# 662
Delta R.T. 0.023 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 45 Resp: 1758873

Ion	Ratio	Lower	Upper
45	100		
46	42.0	40.0	60.0

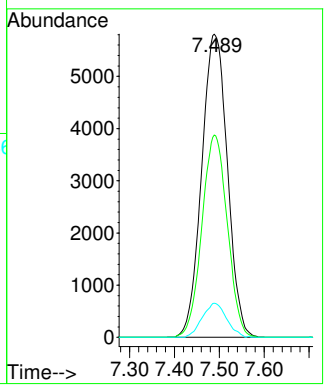


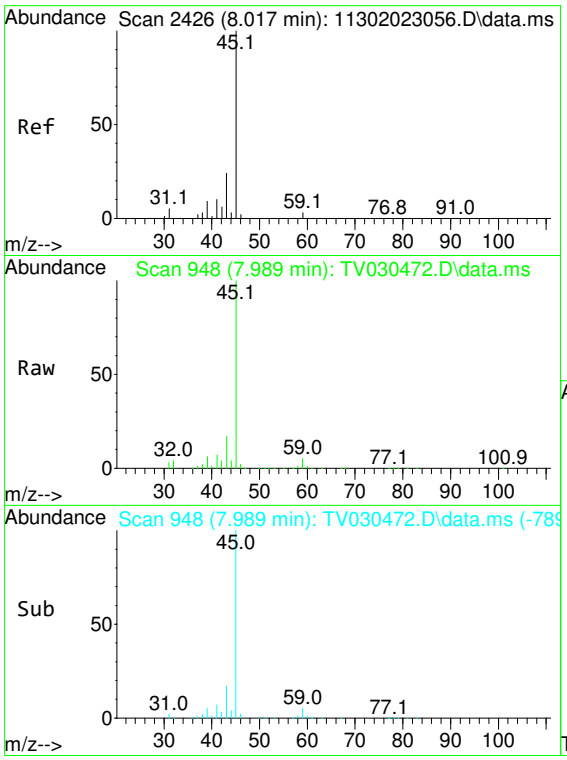


#12
Trichlorofluoromethane
Concen: 0.34 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:101 Resp: 23186

Ion	Ratio	Lower	Upper
101	100		
103	65.8	42.4	88.0
66	10.7	7.9	16.5

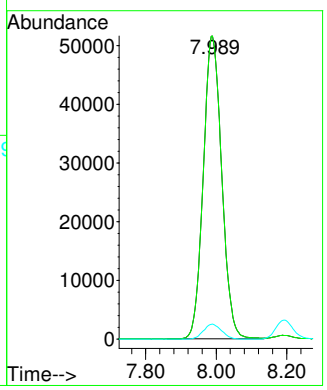


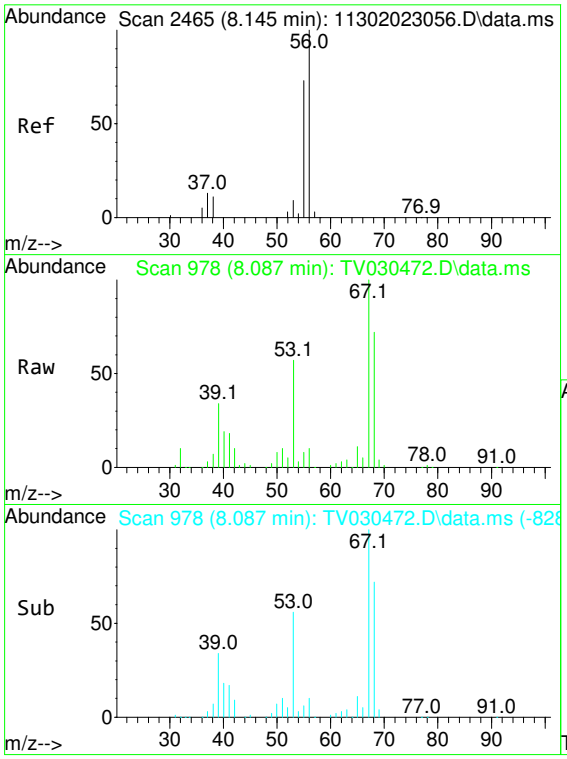


#13
Isopropanol
Concen: 3.44 ppbv
RT: 7.989 min Scan# 948
Delta R.T. 0.020 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 45 Resp: 187295

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.9	0.0	8.4

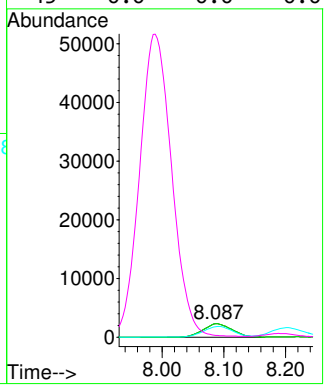


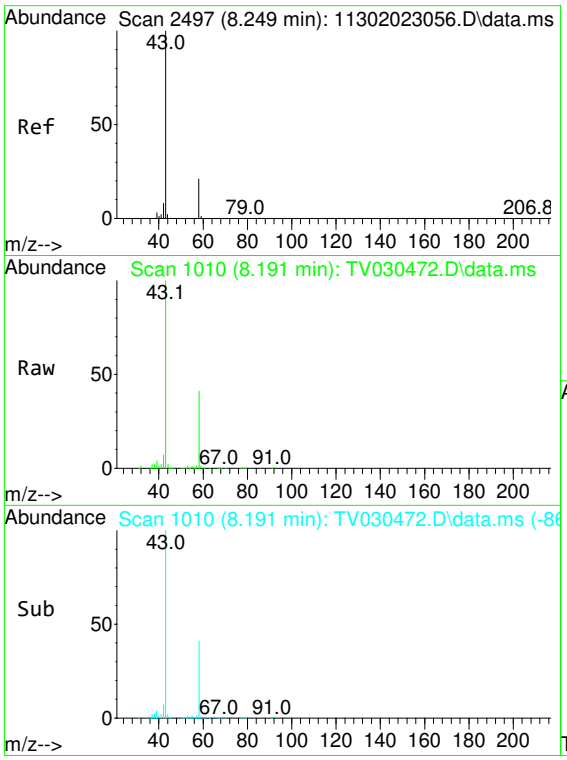


#14
Acrolein
Concen: 0.65 ppbv
RT: 8.087 min Scan# 978
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 56 Resp: 7639

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	78.5	0.0	0.0#
45	0.0	0.0	0.0

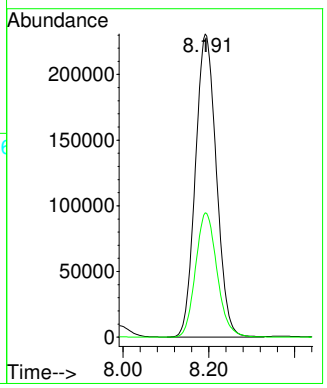


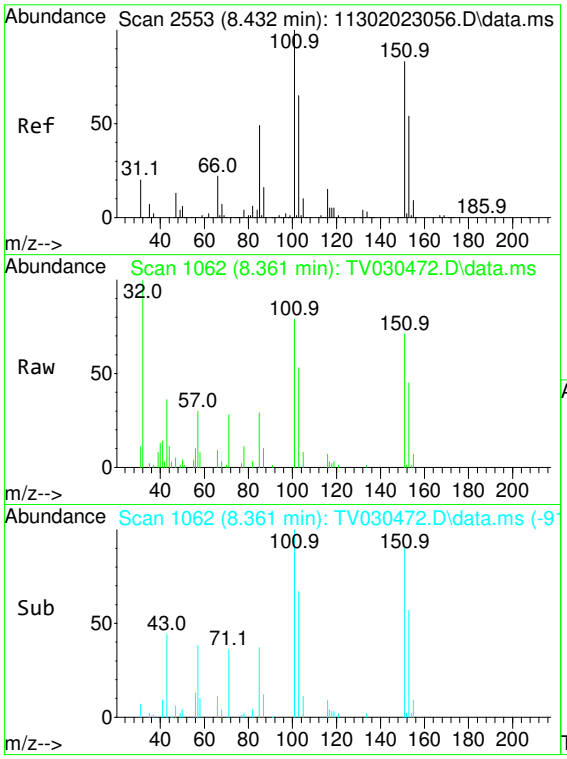


#15
Acetone
Concen: 21.39 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 43 Resp: 781991

Ion	Ratio	Lower	Upper
43	100		
58	42.3	20.7	42.9

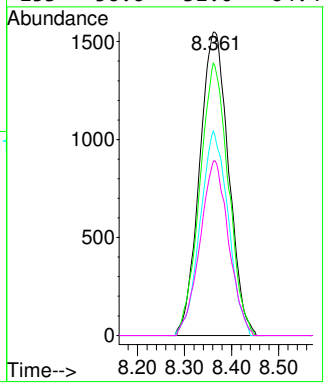


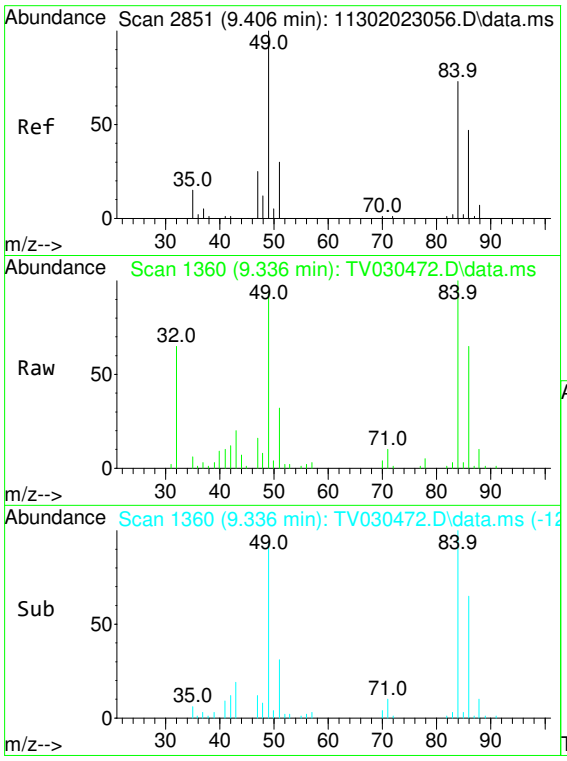


#16
Freon-113
Concen: 0.11 ppbv
RT: 8.361 min Scan# 1062
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:101 Resp: 6643

Ion	Ratio	Lower	Upper
101	100		
151	88.2	48.6	100.8
103	65.0	42.0	87.2
153	56.6	31.0	64.4

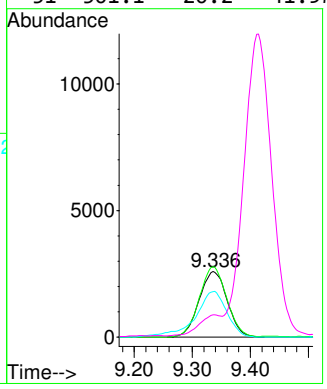


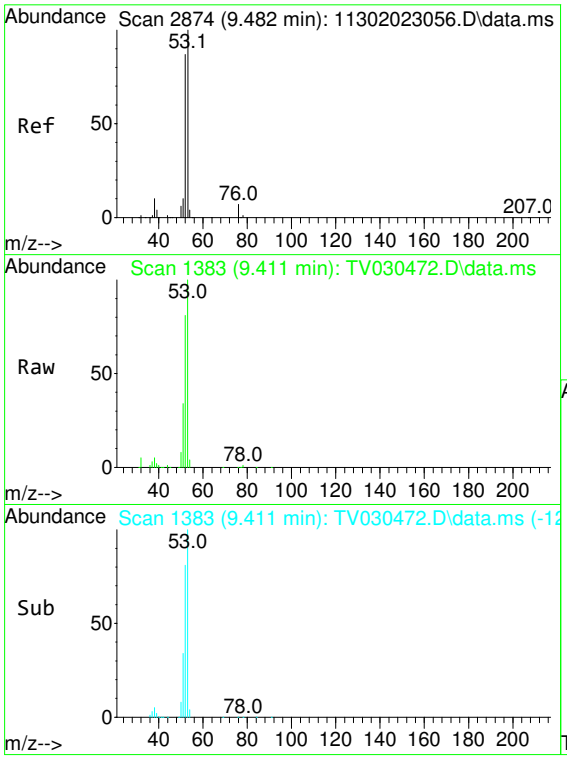


#19
Methylene Chloride
Concen: 0.31 ppbv
RT: 9.336 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 49 Resp: 8716

Ion	Ratio	Lower	Upper
49	100		
84	105.6	50.1	104.0#
86	79.1	32.2	66.8#
51	501.1	20.2	41.9#

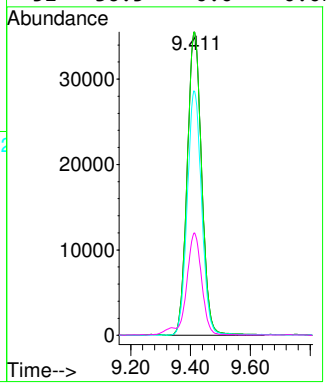


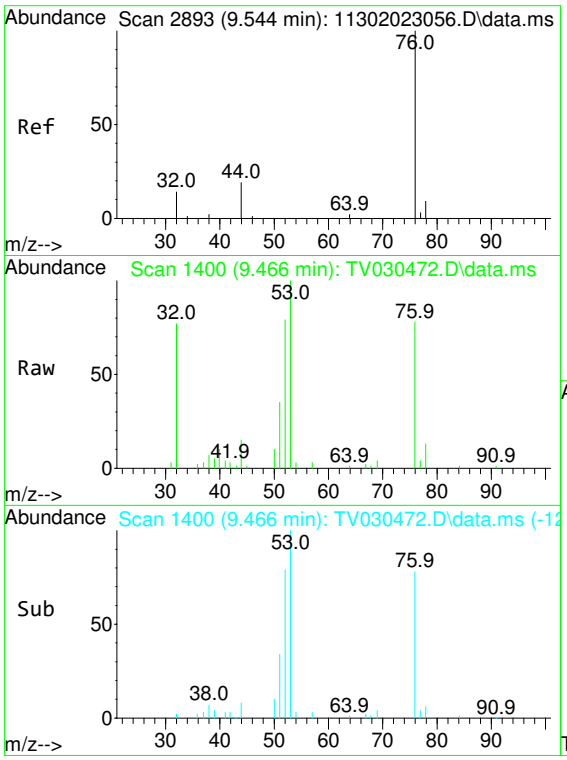


#20
Acrylonitrile
Concen: 5.19 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 53 Resp: 119550

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	36.5	0.0	0.0#

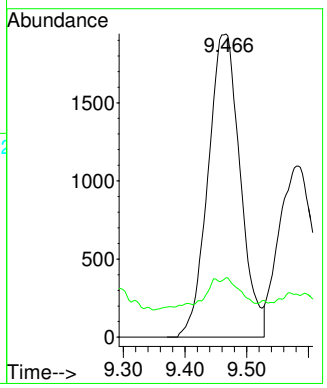


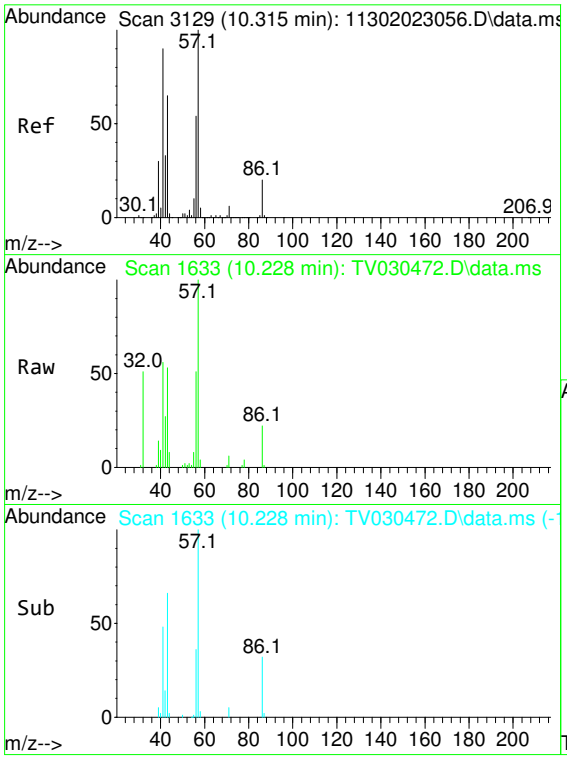


#21
Carbon disulfide
Concen: 0.09 ppbv
RT: 9.466 min Scan# 1400
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 76 Resp: 7027

Ion	Ratio	Lower	Upper
76	100		
44	11.8	8.4	17.4

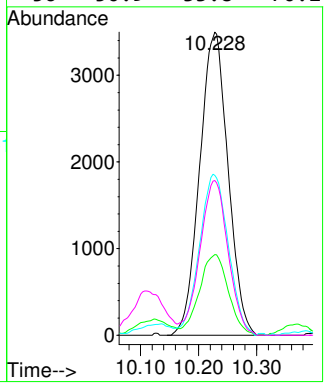


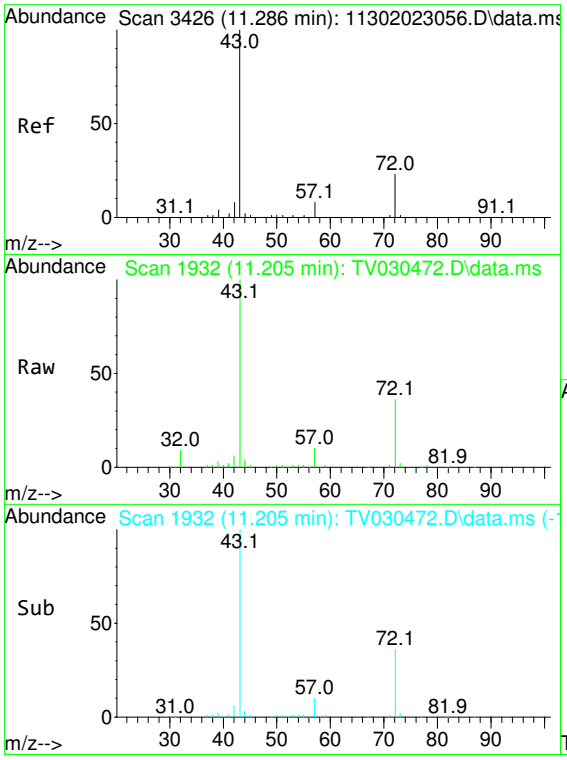


#24
Hexane
Concen: 0.29 ppbv
RT: 10.228 min Scan# 1633
Delta R.T. -0.007 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 57 Resp: 11881

Ion	Ratio	Lower	Upper
57	100		
42	27.5	22.2	46.0
43	54.6	42.9	89.1
56	50.9	33.8	70.2

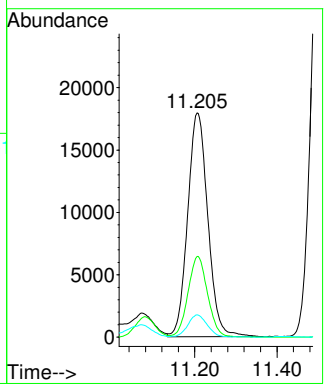


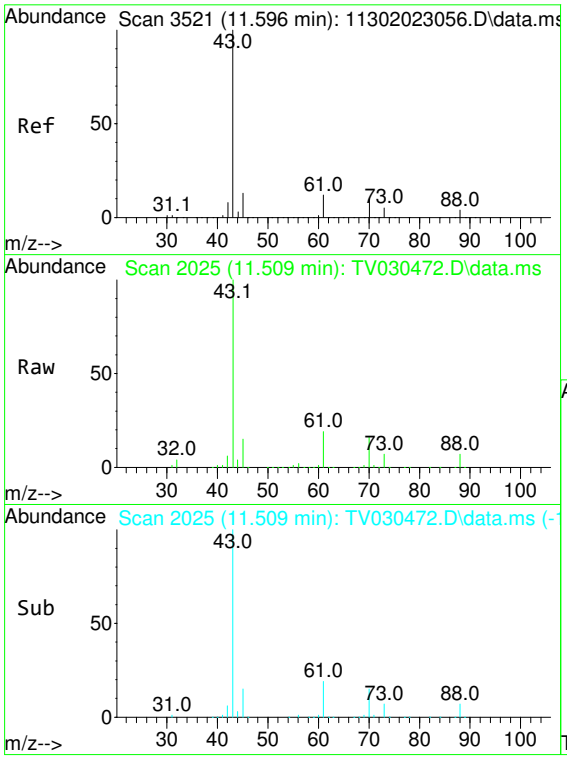


#27
2-Butanone
Concen: 1.27 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 43 Resp: 61005

Ion	Ratio	Lower	Upper
43	100		
72	35.2	16.4	34.2#
57	9.8	5.0	10.4

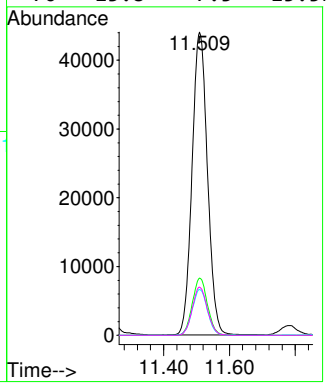


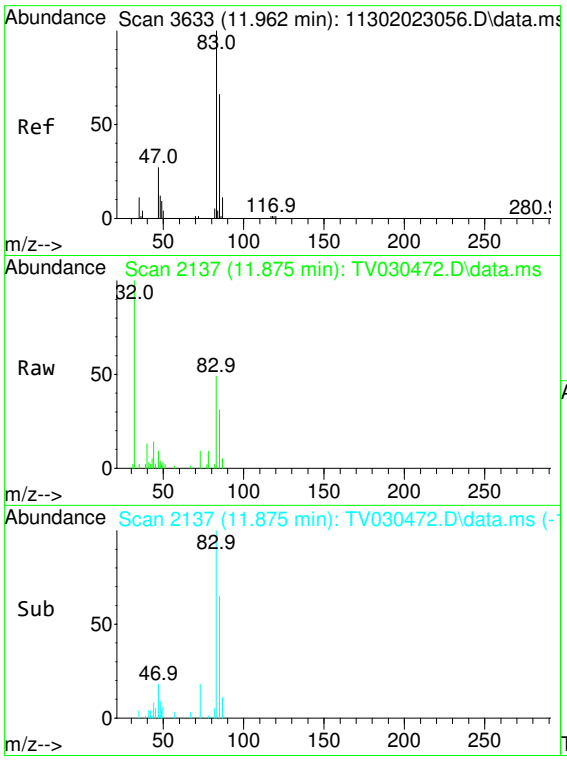


#28
Ethyl Acetate
Concen: 2.58 ppbv
RT: 11.509 min Scan# 2025
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 43 Resp: 142799

Ion	Ratio	Lower	Upper
43	100		
61	18.7	9.2	19.2
45	15.1	9.4	19.6
70	15.8	7.5	15.5#

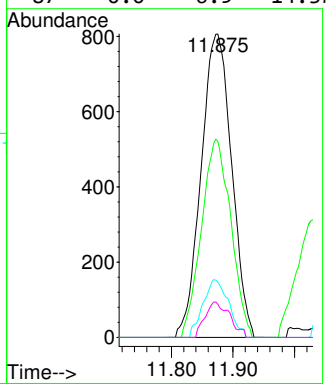


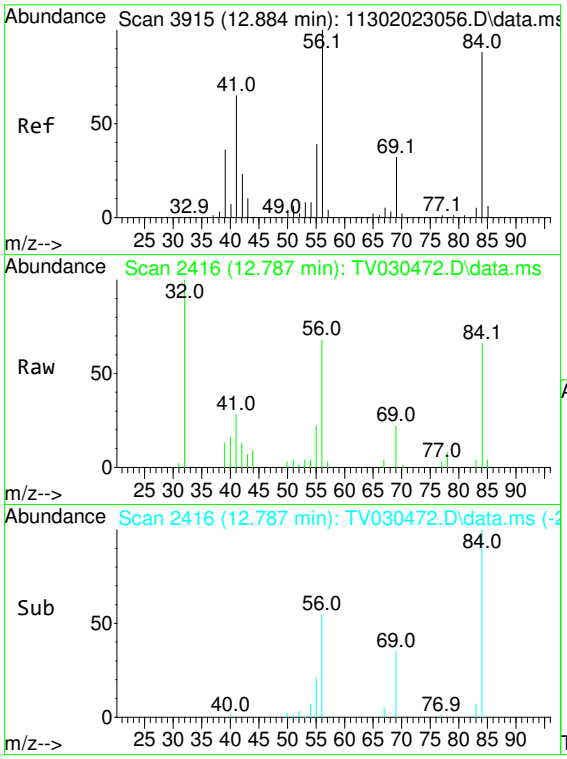


#30
Chloroform
Concen: 0.05 ppbv
RT: 11.875 min Scan# 2137
Delta R.T. -0.007 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 83 Resp: 2770

Ion	Ratio	Lower	Upper
83	100		
85	62.8	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

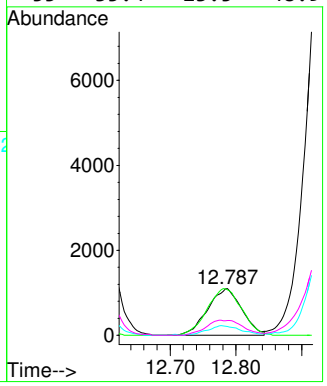


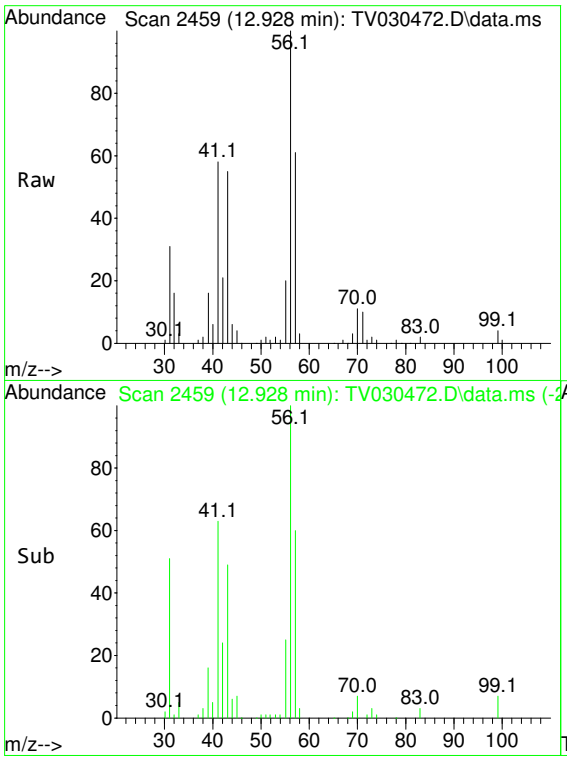


#33
Cyclohexane
Concen: 0.09 ppbv
RT: 12.787 min Scan# 2416
Delta R.T. -0.007 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 56 Resp: 3965

Ion	Ratio	Lower	Upper
56	100		
84	101.2	56.4	117.0
42	20.9	15.3	31.7
55	35.4	23.5	48.9

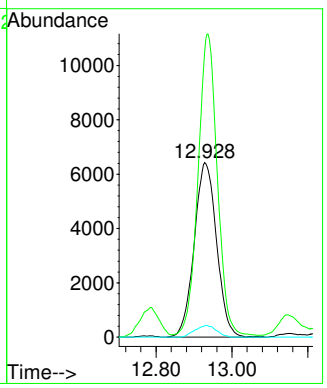


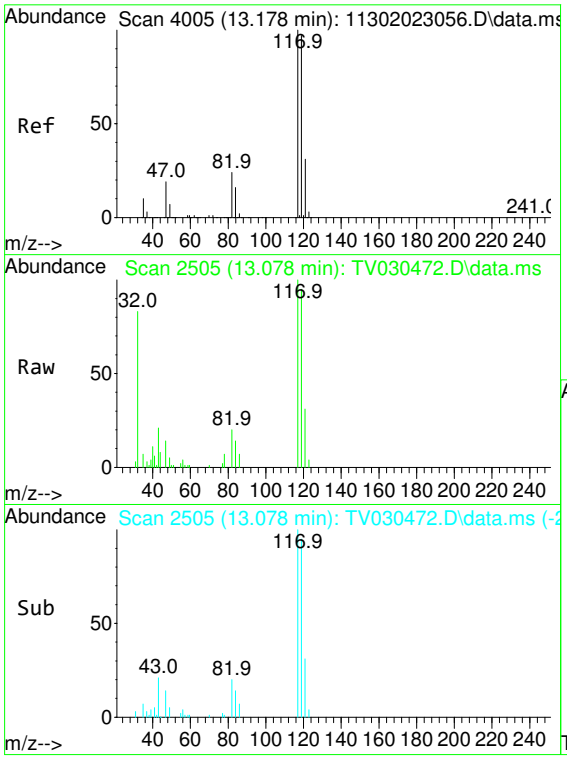


#34
2,2,4-Trimethylpentane
Concen: 0.21 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 57 Resp: 26295

Ion	Ratio	Lower	Upper
57	100		
56	148.4	24.5	45.5#
99	6.5	3.5	6.5

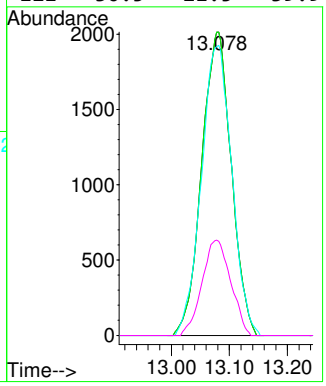


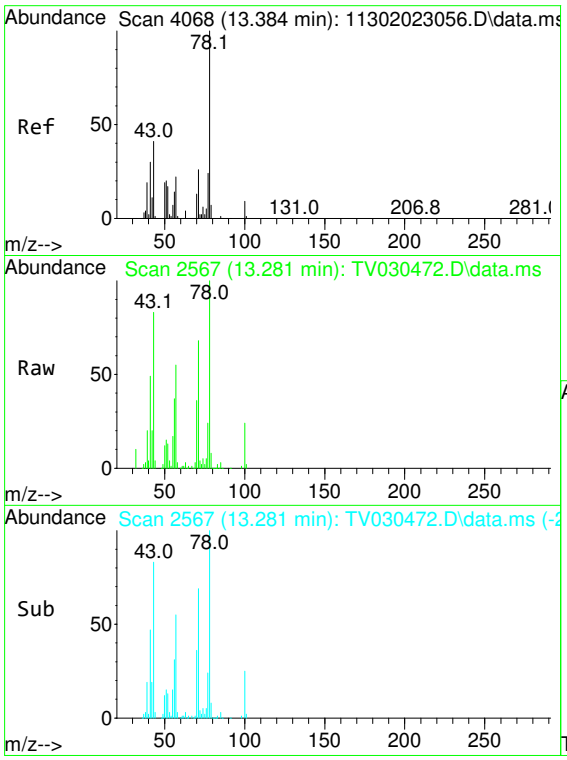


#35
Carbon Tetrachloride
Concen: 0.12 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:117 Resp: 7114

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	98.6	76.5	114.7
121	30.5	21.5	39.9

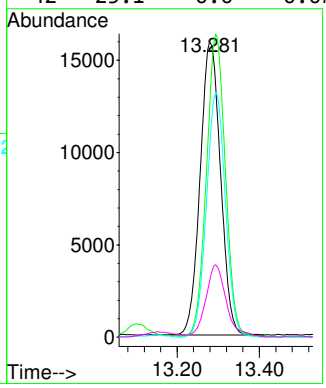


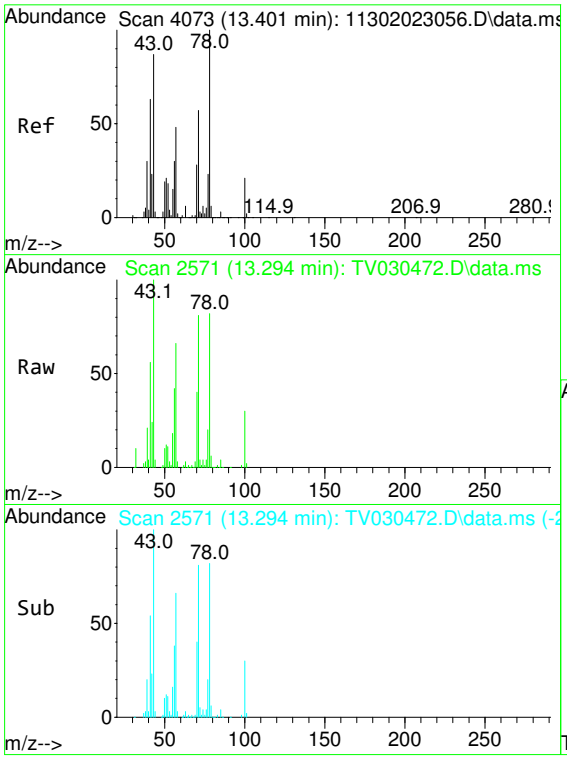


#37
Benzene
Concen: 0.59 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 78 Resp: 54467

Ion	Ratio	Lower	Upper
78	100		
43	97.2	0.0	0.0#
71	78.5	0.0	0.0#
42	25.1	0.0	0.0#

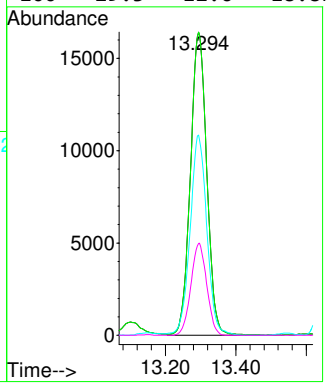


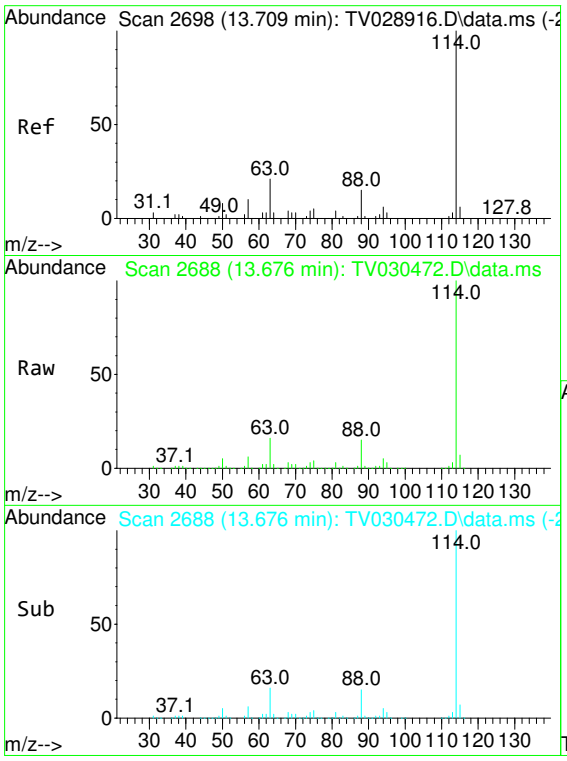


#38
n-Heptane
Concen: 1.30 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 43 Resp: 52949

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	67.8	39.8	59.8#
100	29.3	12.6	18.8#

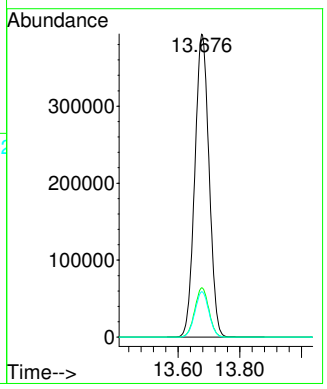


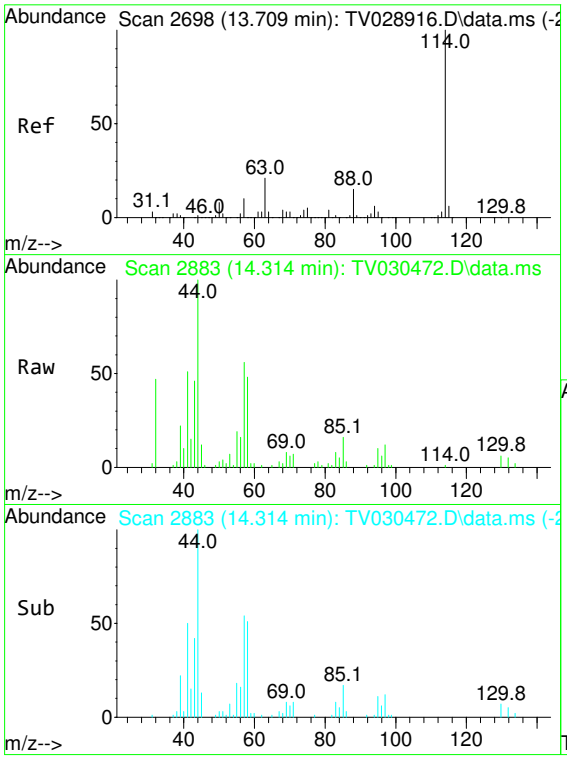


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:114 Resp: 1258466

Ion	Ratio	Lower	Upper
114	100		
63	16.2	14.0	29.2
88	14.9	11.2	23.2

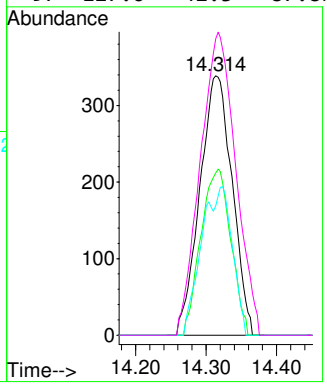


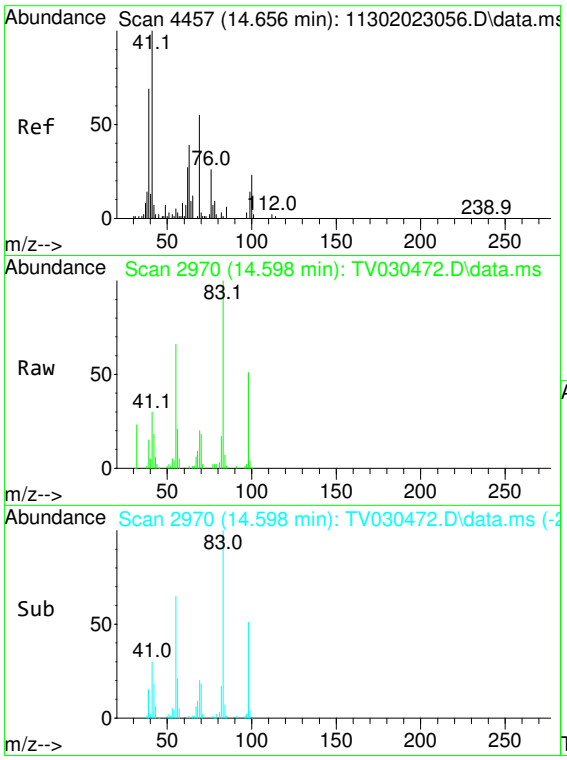


#40
Trichloroethylene
Concen: 0.02 ppbv
RT: 14.314 min Scan# 2883
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 95 Resp: 1080

Ion	Ratio	Lower	Upper
95	100		
130	59.4	60.4	125.4#
132	54.7	60.5	125.7#
97	127.6	42.3	87.8#

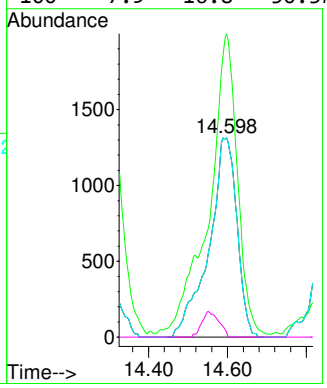


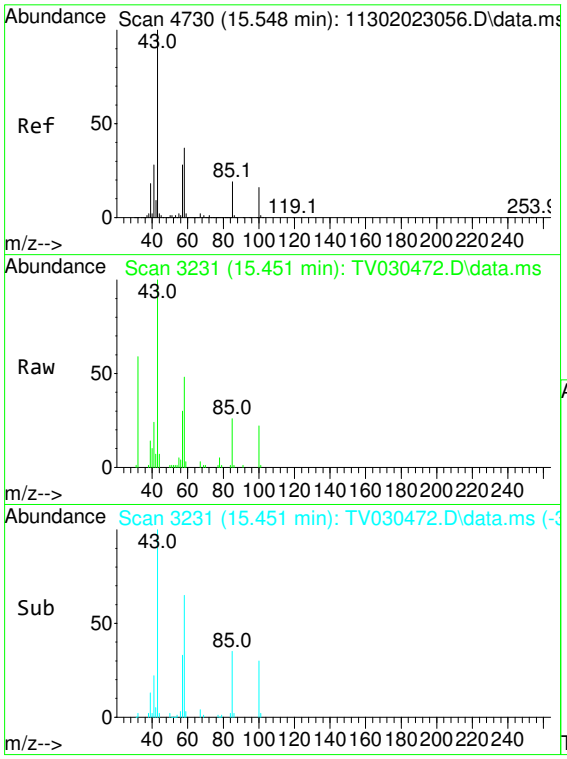


#42
Methyl Methacrylate
Concen: 0.17 ppbv
RT: 14.598 min Scan# 2970
Delta R.T. 0.033 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 69 Resp: 6454

Ion	Ratio	Lower	Upper
69	100		
41	151.4	25.3	75.9#
69	100.0	50.0	150.0
100	7.9	16.8	50.3#

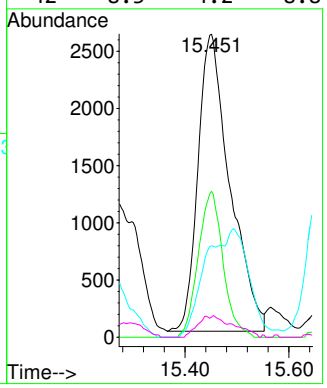


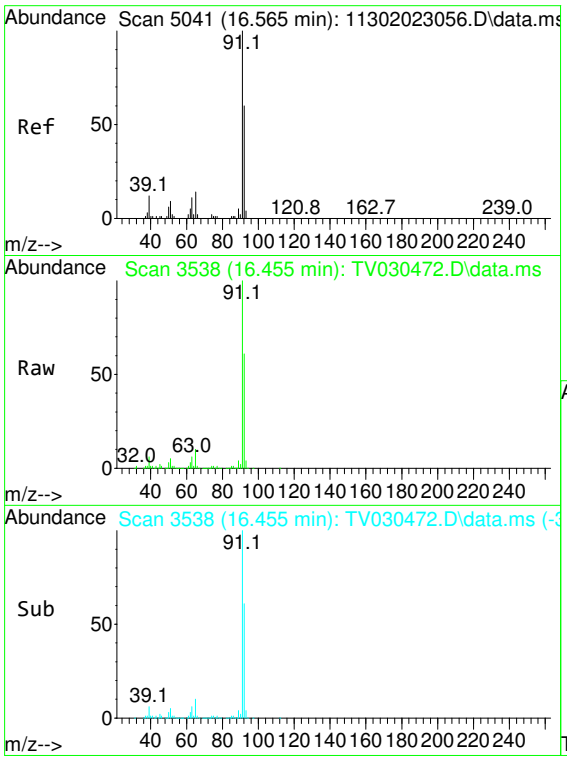


#45
Methyl Isobutyl Ketone
Concen: 0.17 ppbv
RT: 15.451 min Scan# 3231
Delta R.T. -0.003 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 43 Resp: 11059

Ion	Ratio	Lower	Upper
43	100		
58	38.2	25.3	52.5
57	50.5	16.1	33.5#
42	8.3	4.2	8.8

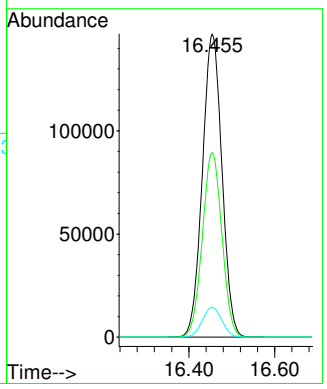


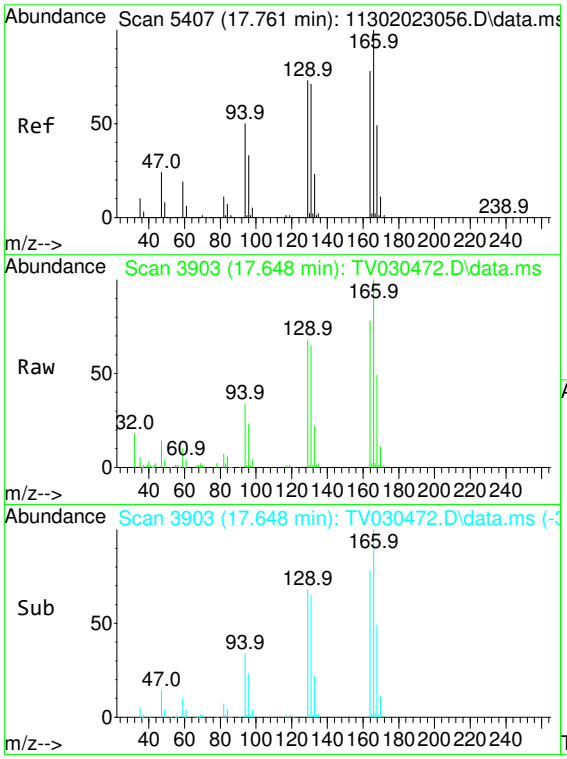


#47
Toluene
Concen: 3.60 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 91 Resp: 464183

Ion	Ratio	Lower	Upper
91	100		
92	60.9	39.0	81.0
65	10.0	7.7	16.1

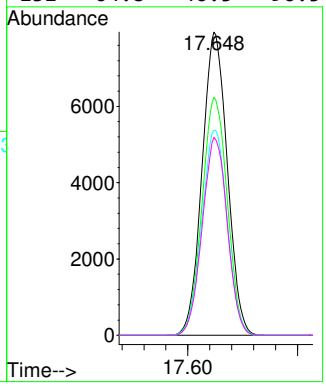


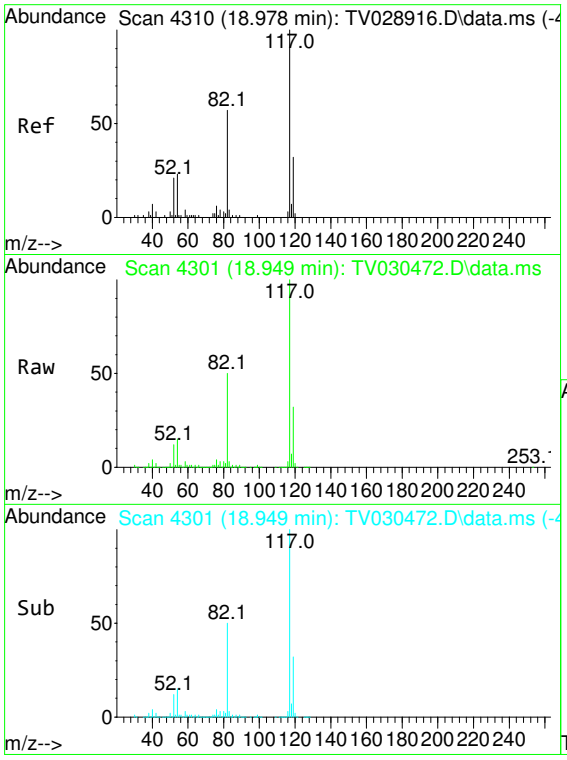


#52
Tetrachloroethylene
Concen: 0.44 ppbv
RT: 17.648 min Scan# 3903
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:166 Resp: 25258

Ion	Ratio	Lower	Upper
166	100		
164	78.7	51.4	106.8
129	68.1	47.0	97.6
131	64.8	46.5	96.5

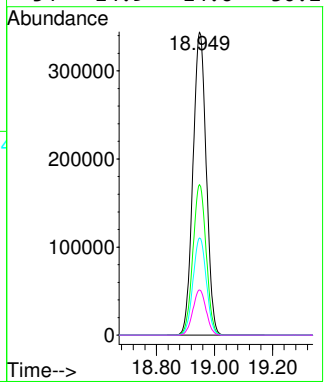


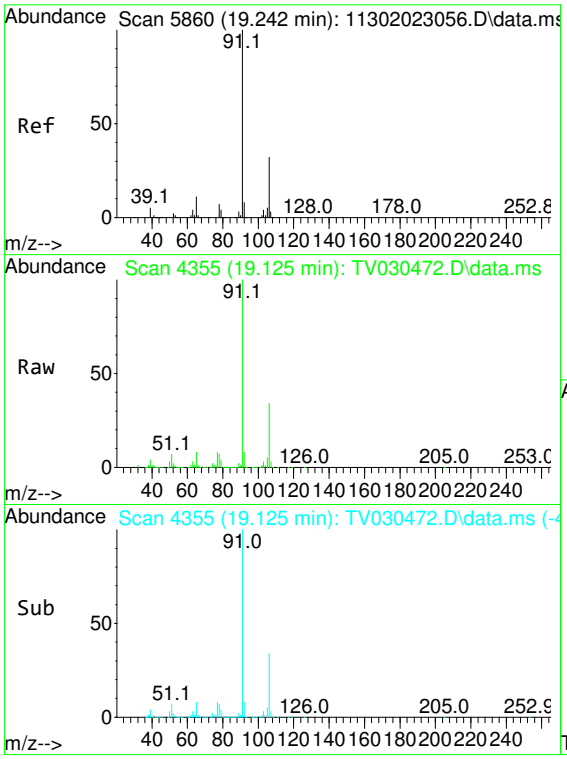


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.949 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:117 Resp: 1095163

Ion	Ratio	Lower	Upper
117	100		
82	49.6	38.7	80.5
119	32.3	20.3	42.3
54	14.9	14.6	30.2

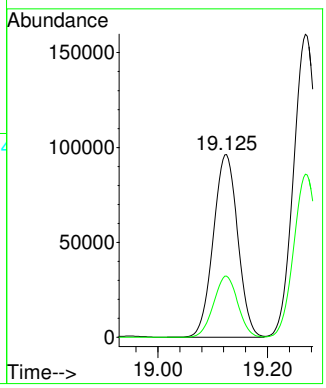


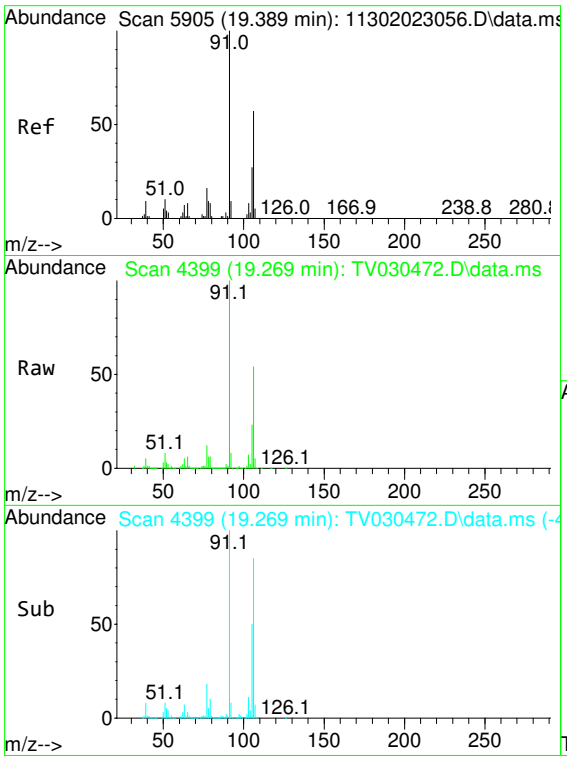


#58
Ethylbenzene
Concen: 1.87 ppbv
RT: 19.125 min Scan# 4355
Delta R.T. -0.010 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 91 Resp: 298236

Ion	Ratio	Lower	Upper
91	100		
106	33.2	20.3	42.3

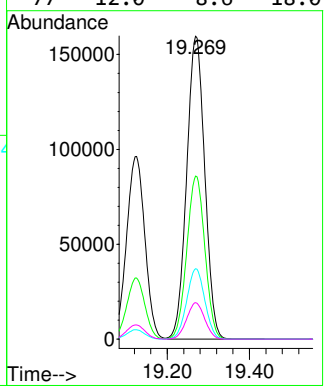


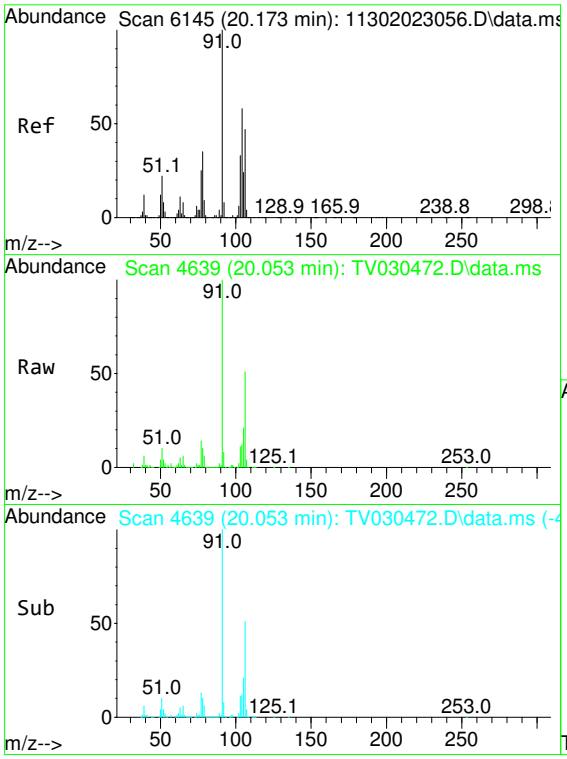


#59
p- & m-Xylenes
Concen: 4.02 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 91 Resp: 486416

Ion	Ratio	Lower	Upper
91	100		
106	54.1	31.0	64.4
105	23.4	13.4	27.8
77	12.0	8.6	18.0

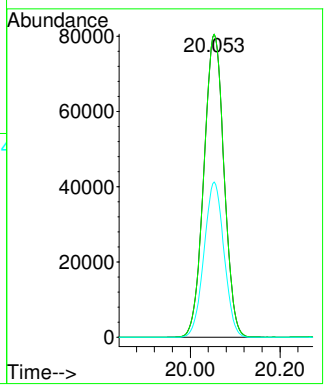


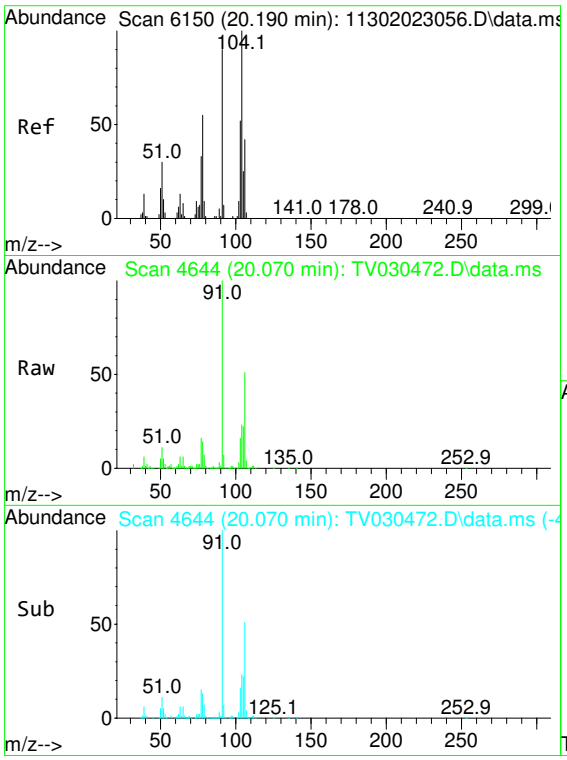


#60
o-Xylene
Concen: 2.01 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 91 Resp: 251207

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.8	36.9	55.3

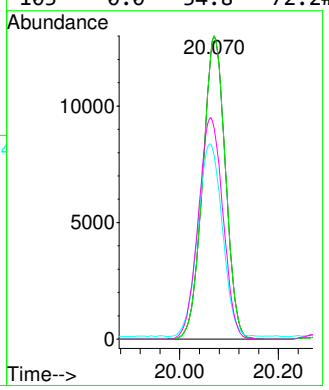


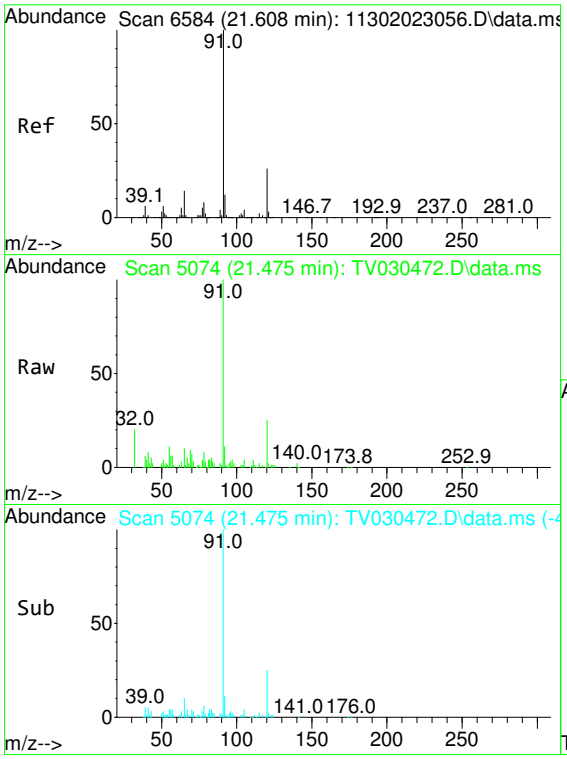


#61
Styrene
Concen: 0.43 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:104 Resp: 41465

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

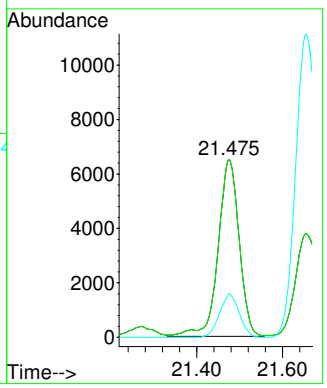


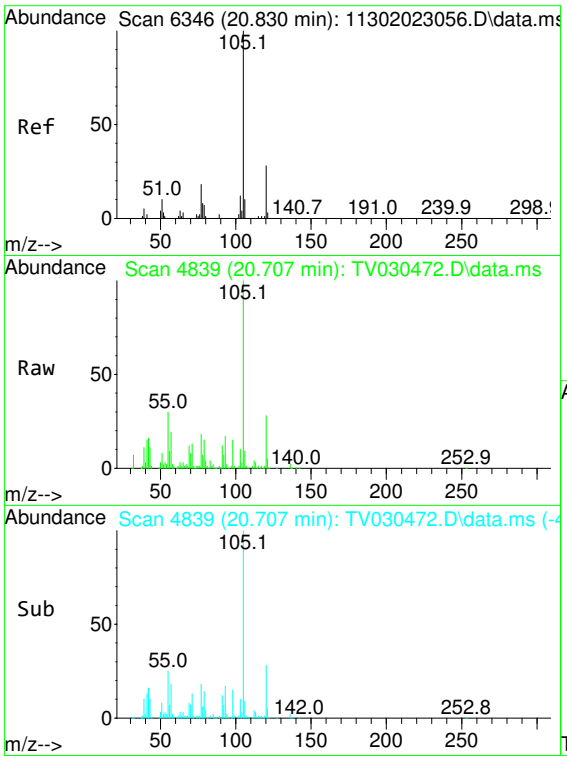


#63
n-Propylbenzene
Concen: 0.10 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 91 Resp: 21962

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	23.0	11.0	33.0

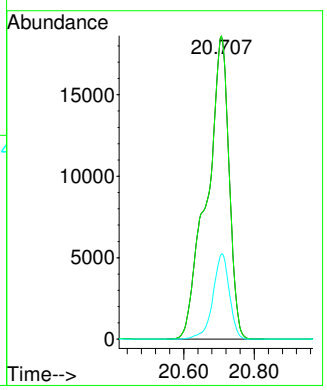


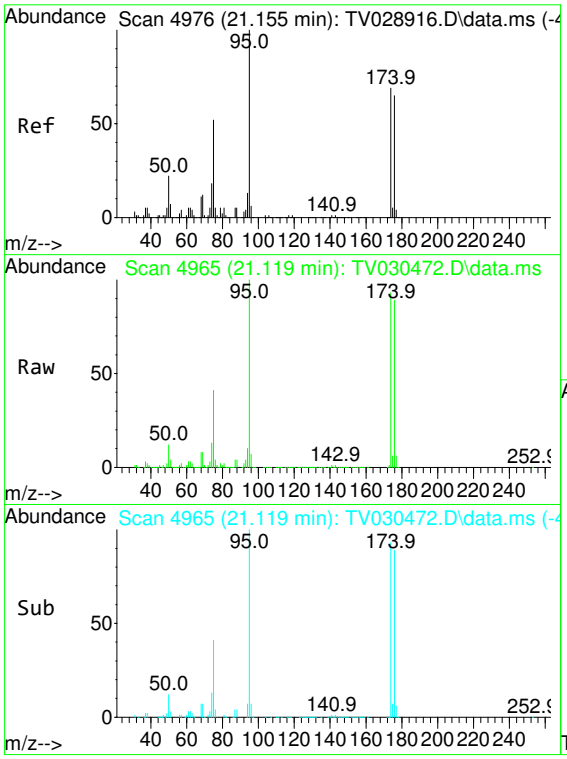


#64
Isopropylbenzene
Concen: 0.45 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:105 Resp: 81004

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	21.1	13.1	39.1

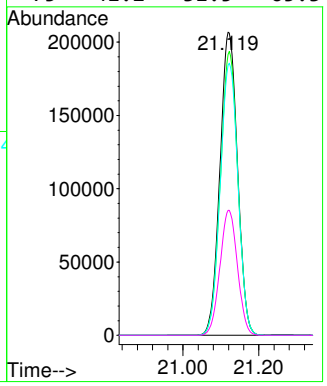


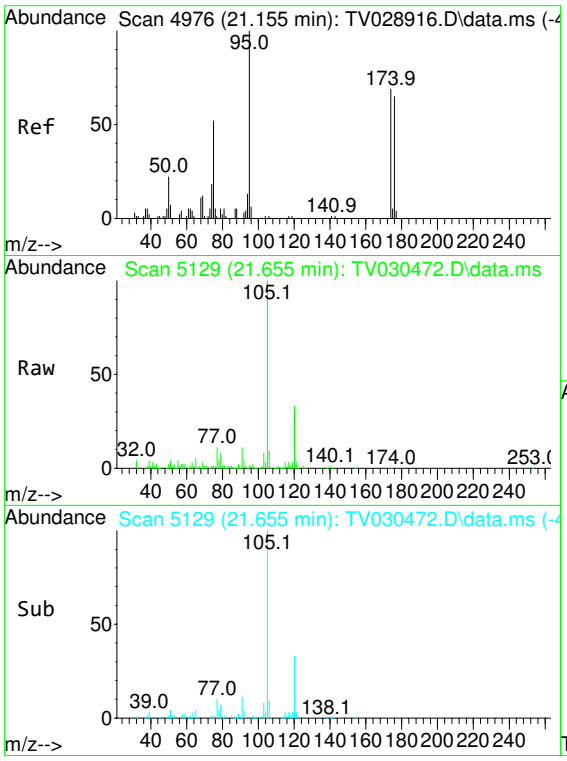


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion: 95 Resp: 665845

Ion	Ratio	Lower	Upper
95	100		
174	92.8	50.0	103.8
176	90.5	48.2	100.2
75	41.2	31.5	65.3

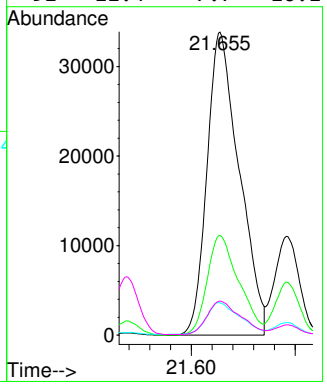


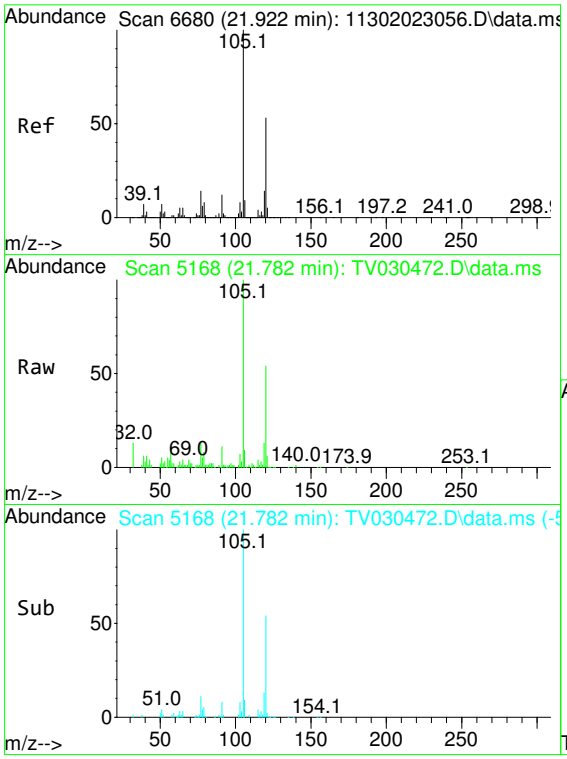


#67
4-Ethyltoluene
Concen: 0.84 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:105 Resp: 145828

Ion	Ratio	Lower	Upper
105	100		
120	32.7	17.2	35.6
77	10.9	7.6	15.8
91	11.4	7.7	16.1

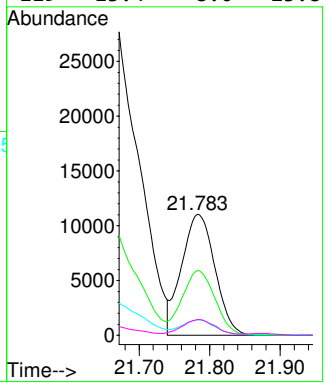


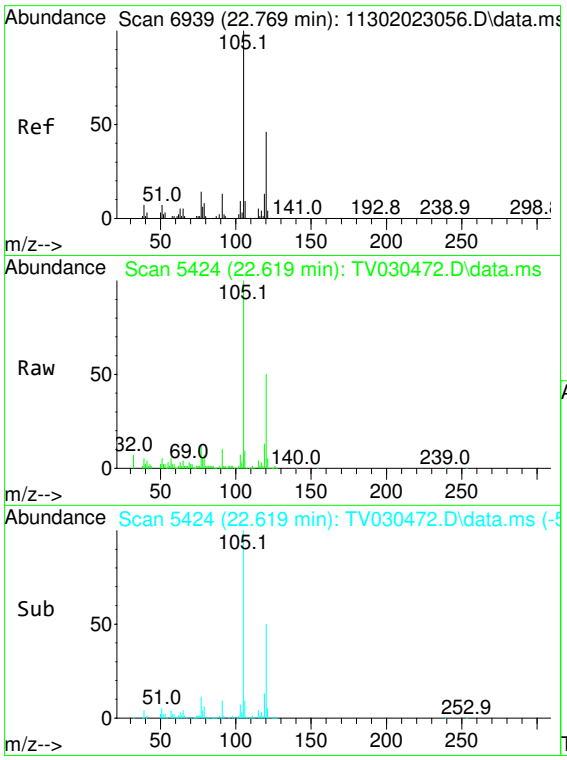


#68
1,3,5-Trimethylbenzene
Concen: 0.25 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:105 Resp: 36399

Ion	Ratio	Lower	Upper
105	100		
120	52.9	43.4	65.2
77	12.1	10.8	16.2
119	13.4	8.0	23.8

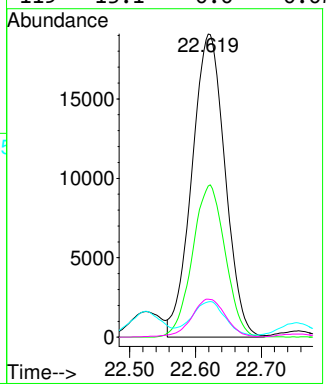


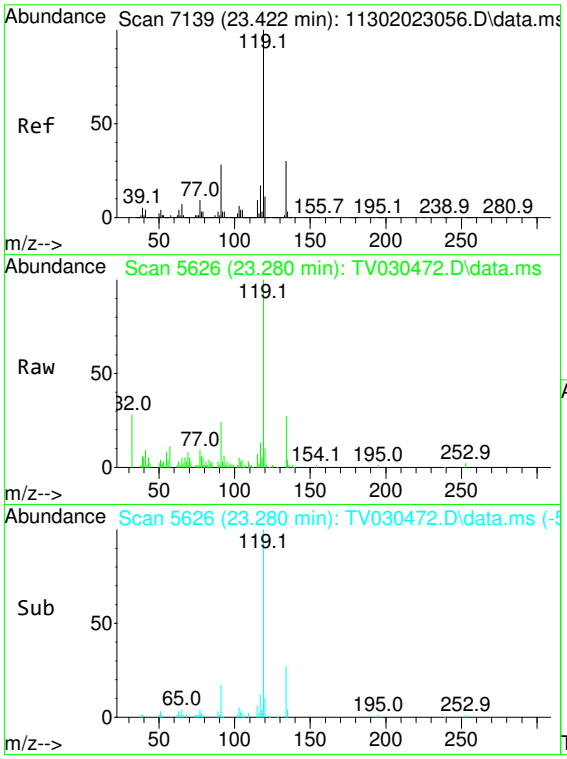


#70
1,2,4-Trimethylbenzene
Concen: 0.45 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:105 Resp: 66737

Ion	Ratio	Lower	Upper
105	100		
120	49.6	29.0	60.2
77	11.4	8.2	17.0
119	13.1	0.0	0.0#

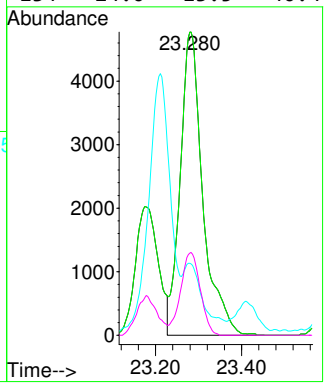


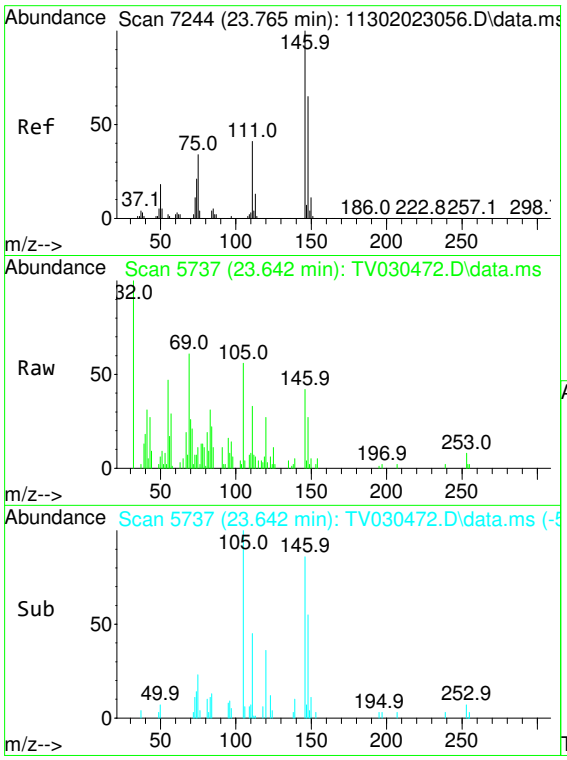


#72
p-Isopropyltoluene
Concen: 0.09 ppbv
RT: 23.280 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:119 Resp: 17486

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	24.0	13.5	40.4

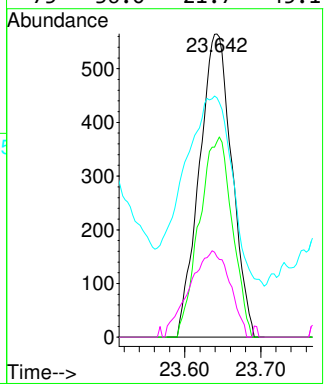


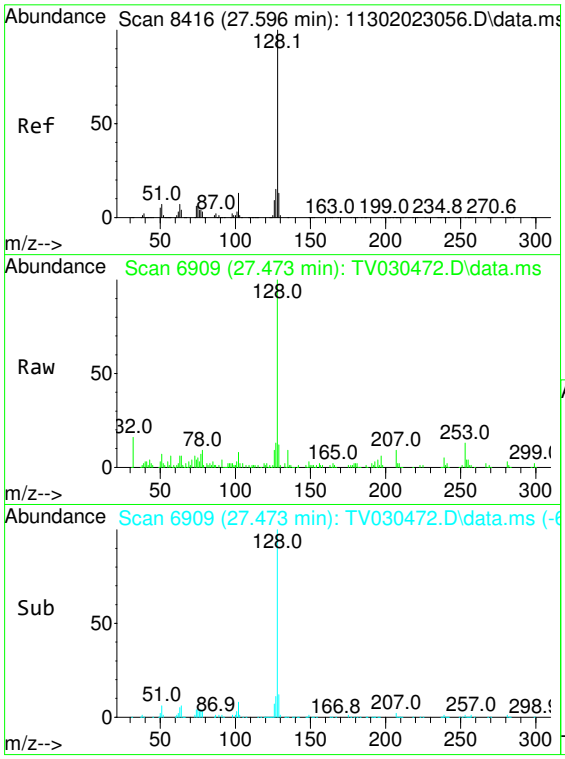


#74
1,4-Dichlorobenzene
Concen: 0.02 ppbv
RT: 23.642 min Scan# 5737
Delta R.T. -0.013 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:146 Resp: 1682

Ion	Ratio	Lower	Upper
146	100		
148	66.9	41.3	85.7
111	95.1	25.4	52.8#
75	36.0	21.7	45.1

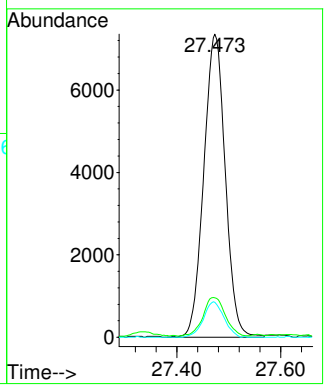




#80
Naphthalene
Concen: 0.13 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030472.D
Acq: 22 Apr 2025 03:23 pm

Tgt Ion:128 Resp: 21128

Ion	Ratio	Lower	Upper
128	100		
127	13.2	8.1	16.9
129	11.2	7.3	15.1



Sample Information

Client Sample ID: **SSV-3 20250326** **York Sample ID:** **25C1721-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.95	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.75	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.95	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.75	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.0	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
95-63-6	**1,2,4-Trimethylbenzene**	10		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.64	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.96	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
108-67-8	**1,3,5-Trimethylbenzene**	2.3		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.64	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.99	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
540-84-1	*** 2,2,4-Trimethylpentane**	1.7		ug/m³	0.32	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
78-93-3	**2-Butanone**	2.1		ug/m³	0.41	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
67-64-1	**Acetone**	17		ug/m³	2.6	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.9	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
71-43-2	**Benzene**	0.93		ug/m³	0.44	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.71	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
74-83-9	Bromomethane	ND		ug/m³	0.54	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.43	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
56-23-5	**Carbon tetrachloride**	0.43		ug/m³	0.22	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR

Sample Information

Client Sample ID: **SSV-3 20250326** **York Sample ID:** **25C1721-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-00-3	Chloroethane	ND		ug/m³	0.36	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
67-66-3	**Chloroform**	1.5		ug/m³	0.67	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
74-87-3	Chloromethane	ND		ug/m³	0.28	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
110-82-7	Cyclohexane	ND		ug/m³	0.47	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-71-8	**Dichlorodifluoromethane**	2.7		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
141-78-6	* Ethyl acetate	ND		ug/m³	0.99	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
100-41-4	**Ethyl Benzene**	14		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
67-63-0	**Isopropanol**	7.3	CAL-E	ug/m³	2.0	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.50	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.4	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
142-82-5	**n-Heptane**	1.3		ug/m³	0.57	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
110-54-3	**n-Hexane**	1.2		ug/m³	0.49	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
95-47-6	**o-Xylene**	7.2		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
179601-23-1	**p- & m- Xylenes**	20		ug/m³	1.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
622-96-8	*** p-Ethyltoluene**	9.4		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
115-07-1	*** Propylene**	1.7		ug/m³	0.24	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
100-42-5	Styrene	ND		ug/m³	0.59	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.94	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.81	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
108-88-3	**Toluene**	15		ug/m³	0.52	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.55	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.19	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	0.77	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.49	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*106 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*100 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030455.D
Acq On : 22 Apr 2025 01:22 am
Operator : YR
Sample : 25C1721-05
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.379
InstName : TO15_AIR3

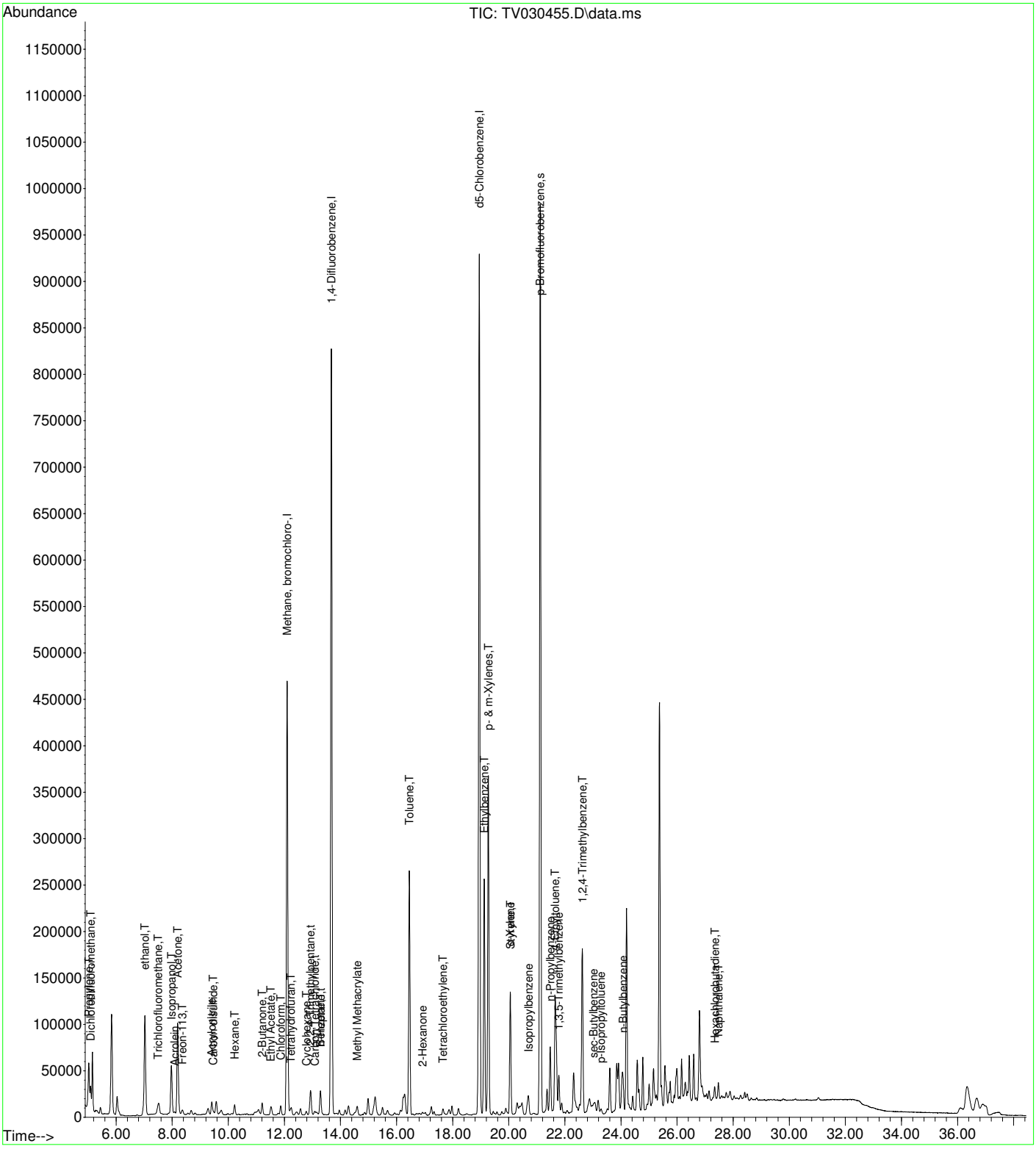
Quant Time: Apr 22 07:19:07 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

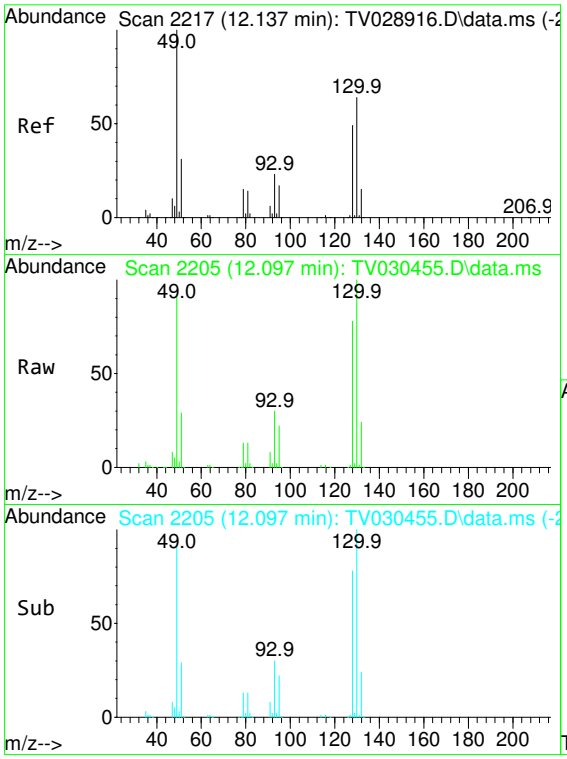
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.097	49	321141	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.673	114	1291949	10.00	ppbv		-0.02
55) d5-Chlorobenzene	18.945	117	1100118	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	685249	0.34	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.027	42	9786	0.73	ppbv	#	21
3) Dichlorodifluoromethane	5.093	85	28599	0.39	ppbv		99
10) ethanol	7.025	45	120614	8.93	ppbv		88
12) Trichlorofluoromethane	7.492	101	13288	0.19	ppbv		99
13) Isopropanol	7.969	45	122084	2.14	ppbv		100
14) Acrolein	8.090	56	2459	0.20	ppbv	#	100
15) Acetone	8.191	43	200928	5.23	ppbv	#	79
16) Freon-113	8.361	101	3676	0.06	ppbv		93
20) Acrylonitrile	9.407	53	19857	0.82	ppbv	#	100
21) Carbon disulfide	9.463	76	6423	0.07	ppbv		91
24) Hexane	10.225	57	10219	0.24	ppbv		92
27) 2-Butanone	11.205	43	26327	0.52	ppbv		86
28) Ethyl Acetate	11.512	43	9861	0.17	ppbv	#	94
30) Chloroform	11.869	83	14003	0.22	ppbv		97
31) Tetrahydrofuran	12.222	42	5050	0.18	ppbv	#	77
33) Cyclohexane	12.781	56	3538	0.08	ppbv		93
34) 2,2,4-Trimethylpentane	12.928	57	35152	0.26	ppbv	#	62
35) Carbon Tetrachloride	13.078	117	3357	0.05	ppbv	#	58
37) Benzene	13.277	78	19957	0.21	ppbv	#	100
38) n-Heptane	13.294	43	9822	0.23	ppbv	#	88
42) Methyl Methacrylate	14.595	69	2018	0.05	ppbv	#	19
47) Toluene	16.451	91	371539	2.81	ppbv		99
50) 2-Hexanone	16.922	43	4984	0.09	ppbv	#	75
52) Tetrachloroethylene	17.648	166	2594	0.04	ppbv		97
58) Ethylbenzene	19.122	91	361715	2.26	ppbv		97
59) p- & m-Xylenes	19.269	91	399297	3.29	ppbv		93
60) o-Xylene	20.053	91	150697	1.20	ppbv		98
61) Styrene	20.057	104	5885	0.06	ppbv	#	74
63) n-Propylbenzene	21.475	91	116486	0.55	ppbv		99
64) Isopropylbenzene	20.707	105	18279	0.10	ppbv		100
67) 4-Ethyltoluene	21.655	105	243441	1.39	ppbv		93
68) 1,3,5-Trimethylbenzene	21.782	105	49352	0.34	ppbv		96
70) 1,2,4-Trimethylbenzene	22.619	105	231680	1.54	ppbv	#	94
71) sec-Butylbenzene	23.018	105	5169	0.02	ppbv	#	93
72) p-Isopropyltoluene	23.283	119	4905	0.03	ppbv	#	89
76) n-Butylbenzene	24.077	91	23307	0.14	ppbv	#	94
79) Hexachlorobutadiene	27.349	225	1343	0.02	ppbv		94
80) Naphthalene	27.473	128	25991	0.15	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030455.D
Acq On : 22 Apr 2025 01:22 am
Operator : YR
Sample : 25C1721-05
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.379
InstName : TO15_AIR3

Quant Time: Apr 22 07:19:07 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

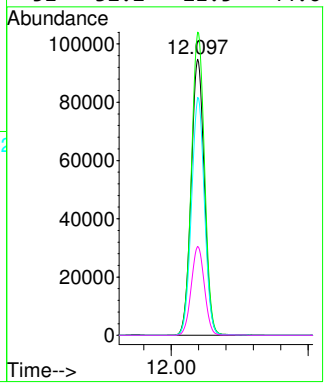


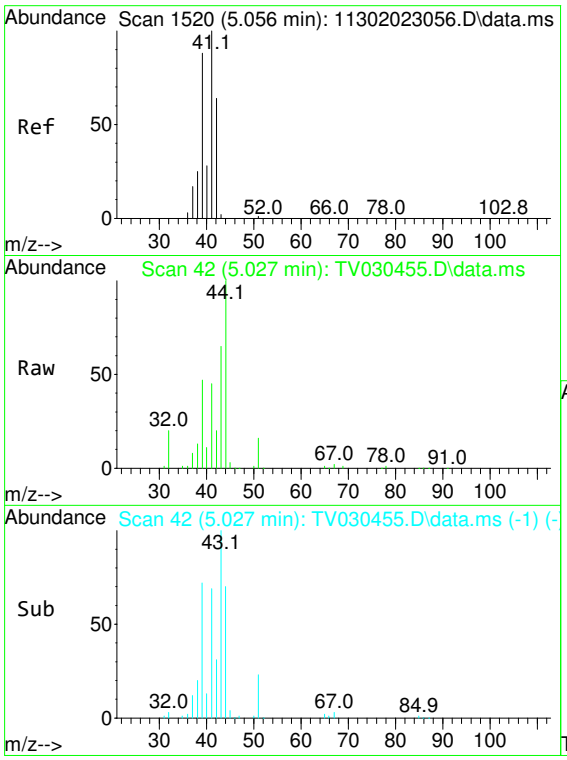


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.097 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 49 Resp: 321141

Ion	Ratio	Lower	Upper
49	100		
130	109.3	44.5	92.3#
128	84.8	34.7	72.1#
51	32.2	21.5	44.6

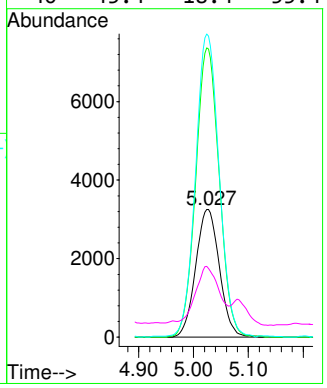


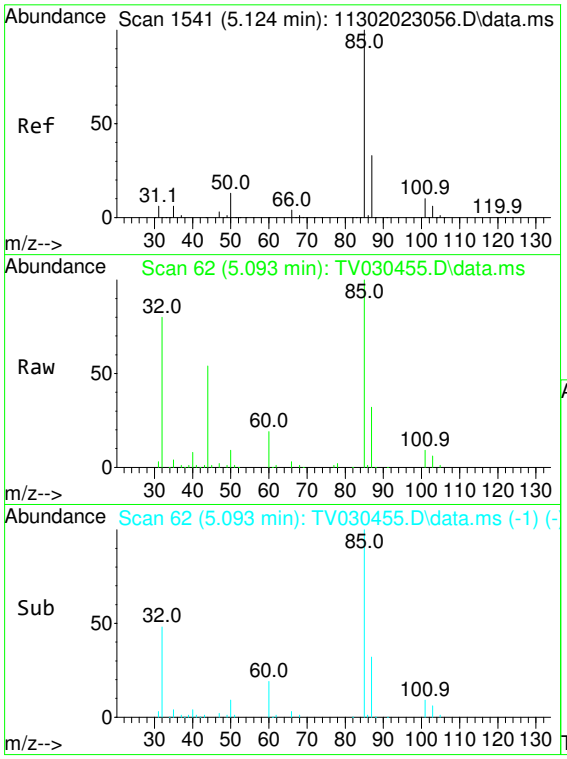


#2
Propylene
Concen: 0.73 ppbv
RT: 5.027 min Scan# 42
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 42 Resp: 9786

Ion	Ratio	Lower	Upper
42	100		
41	224.6	88.9	207.5#
39	236.8	52.2	156.6#
40	45.4	18.4	55.4

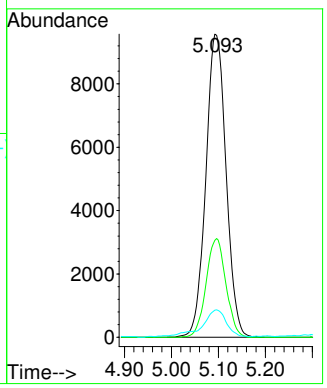


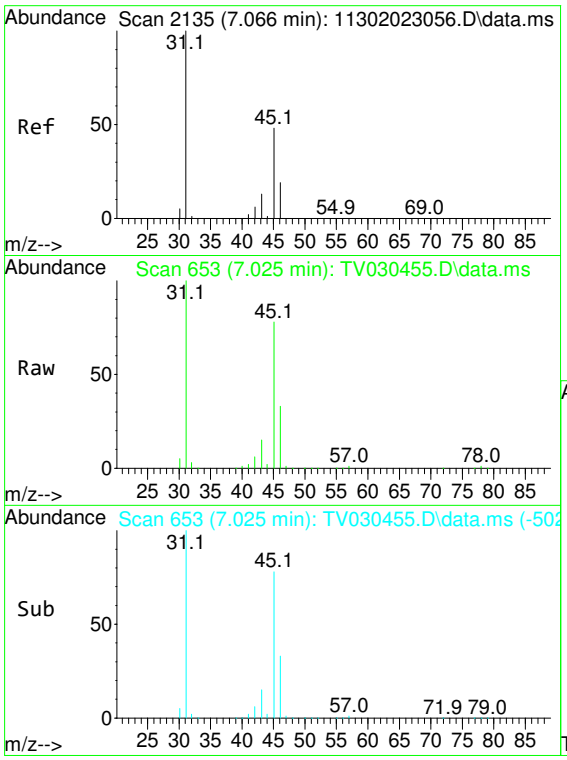


#3
Dichlorodifluoromethane
Concen: 0.39 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 85 Resp: 28599

Ion	Ratio	Lower	Upper
85	100		
87	32.0	21.0	43.6
50	11.5	6.8	14.2

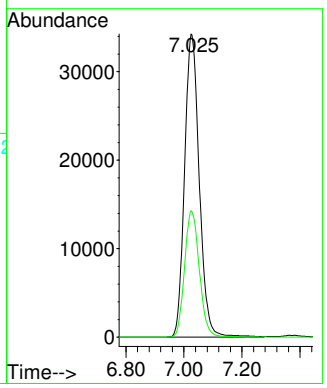


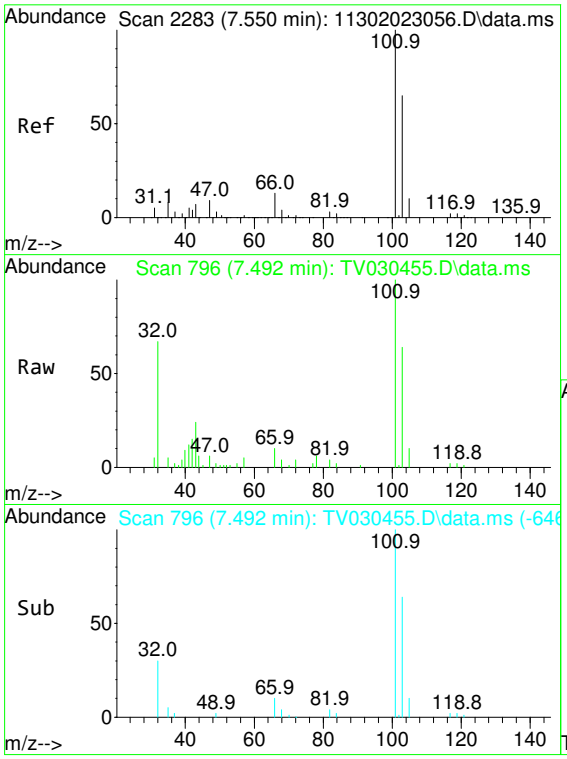


#10
ethanol
Concen: 8.93 ppbv
RT: 7.025 min Scan# 653
Delta R.T. -0.007 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 45 Resp: 120614

Ion	Ratio	Lower	Upper
45	100		
46	42.0	40.0	60.0

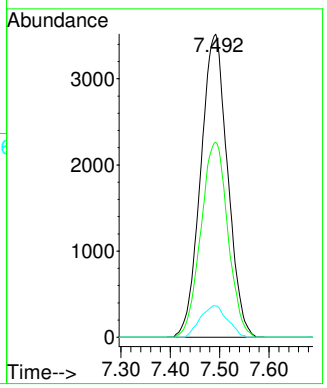


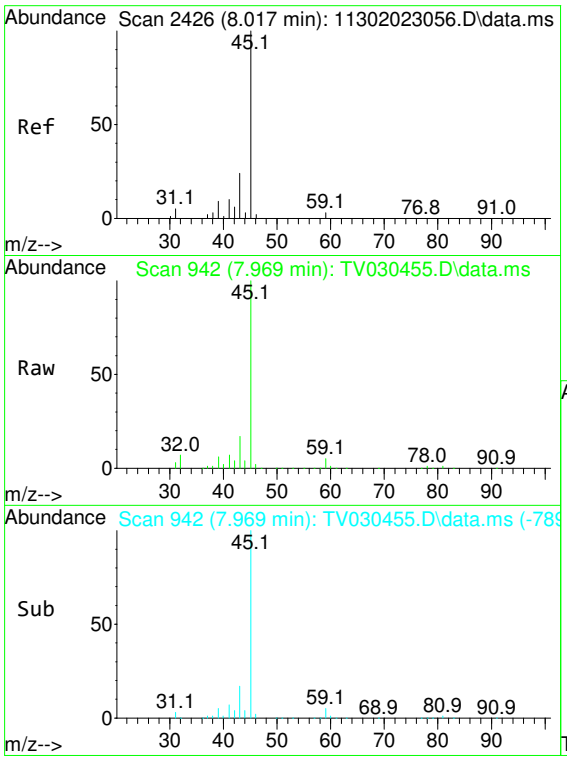


#12
Trichlorofluoromethane
Concen: 0.19 ppbv
RT: 7.492 min Scan# 796
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:101 Resp: 13288

Ion	Ratio	Lower	Upper
101	100		
103	64.8	42.4	88.0
66	10.5	7.9	16.5

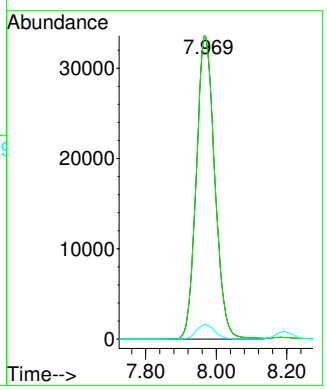


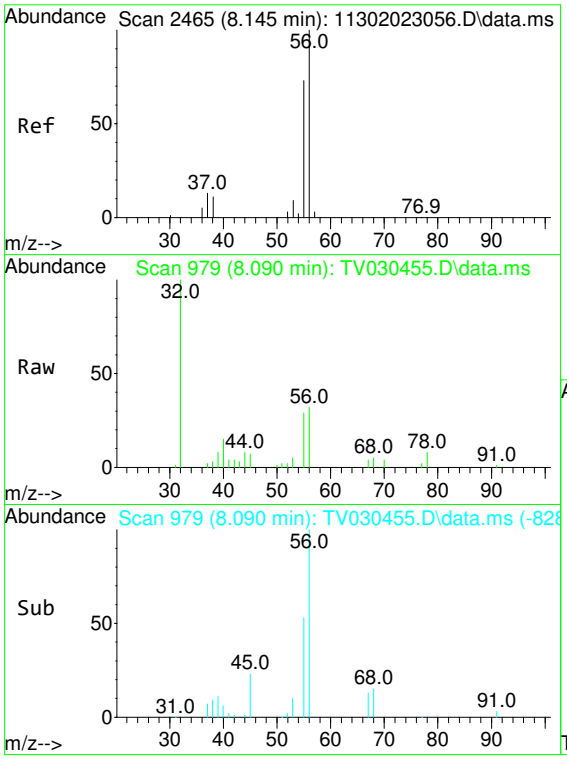


#13
Isopropanol
Concen: 2.14 ppbv
RT: 7.969 min Scan# 942
Delta R.T. -0.000 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 45 Resp: 122084

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

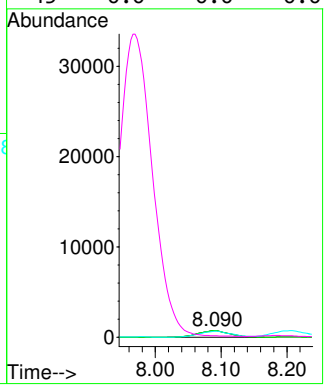


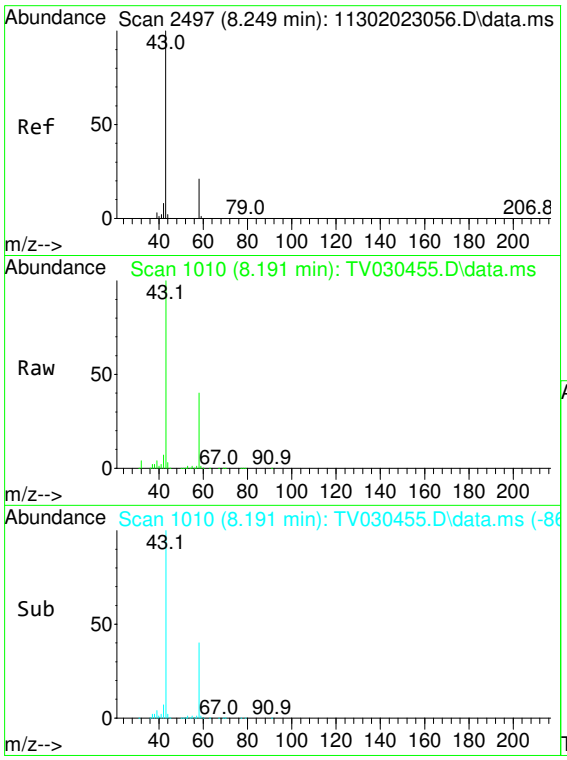


#14
Acrolein
Concen: 0.20 ppbv
RT: 8.090 min Scan# 979
Delta R.T. -0.007 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 56 Resp: 2459

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

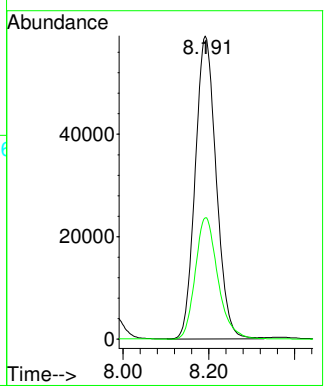


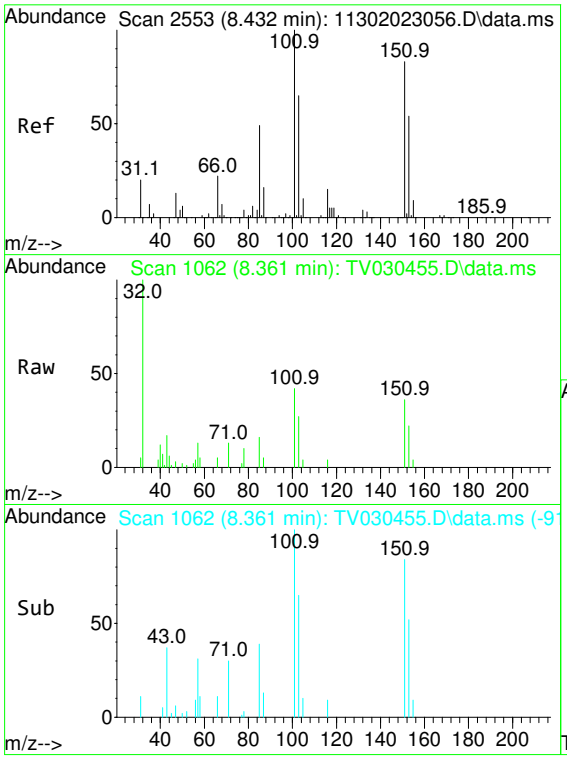


#15
Acetone
Concen: 5.23 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 43 Resp: 200928

Ion	Ratio	Lower	Upper
43	100		
58	43.4	20.7	42.9#

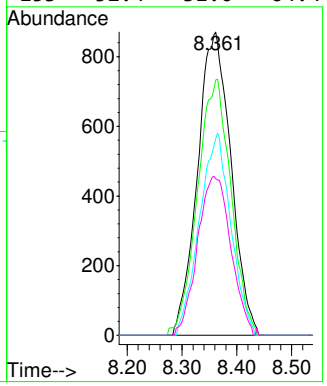


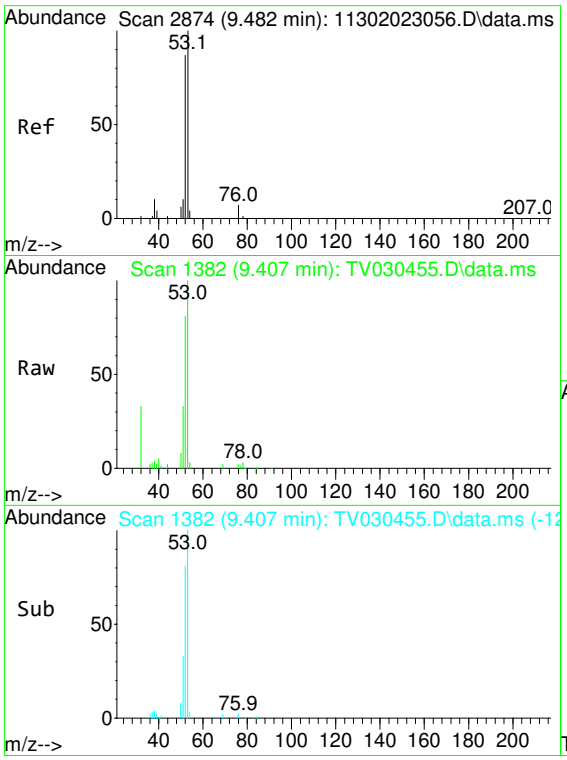


#16
Freon-113
Concen: 0.06 ppbv
RT: 8.361 min Scan# 1062
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:101 Resp: 3676

Ion	Ratio	Lower	Upper
101	100		
151	84.3	48.6	100.8
103	62.7	42.0	87.2
153	52.4	31.0	64.4

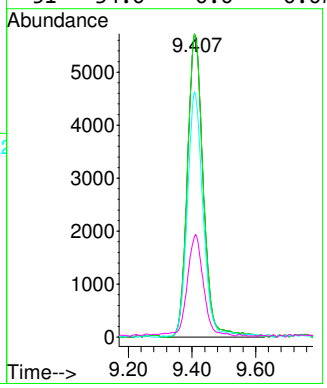


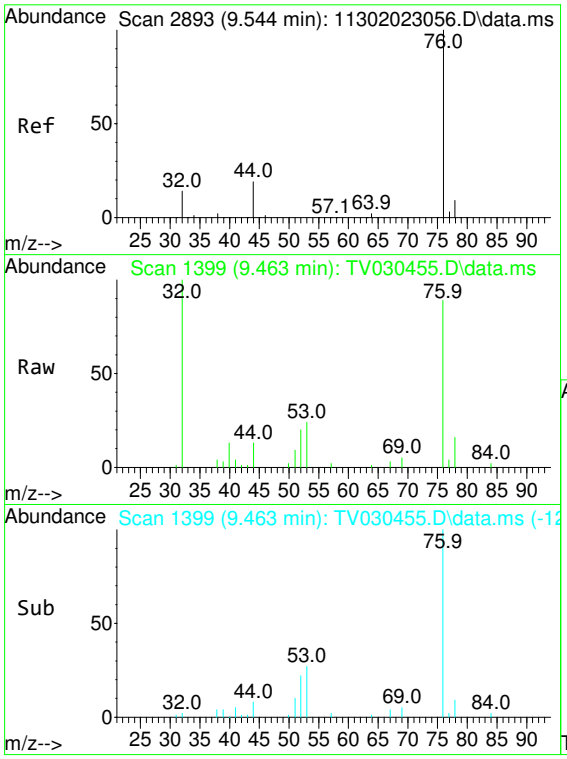


#20
Acrylonitrile
Concen: 0.82 ppbv
RT: 9.407 min Scan# 1382
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 53 Resp: 19857

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	34.0	0.0	0.0#

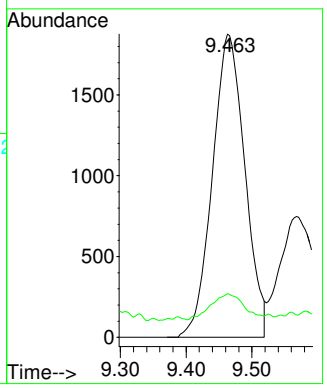


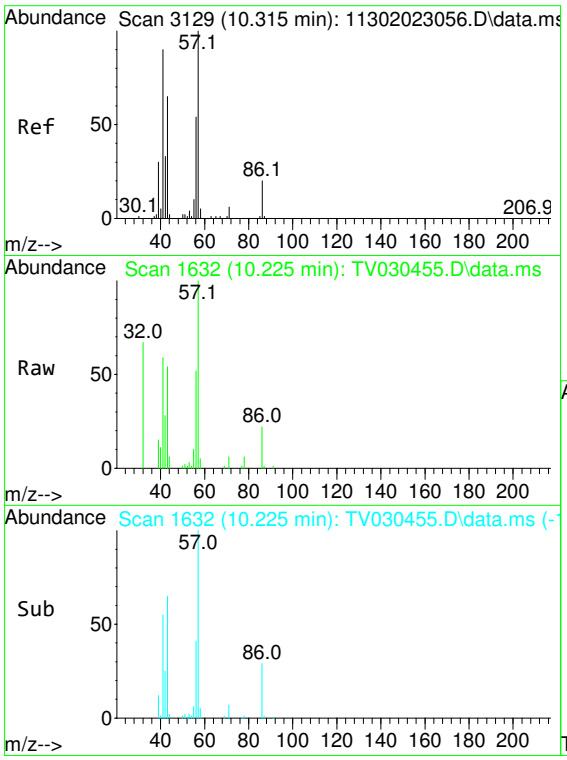


#21
Carbon disulfide
Concen: 0.07 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 76 Resp: 6423

Ion	Ratio	Lower	Upper
76	100		
44	9.3	8.4	17.4

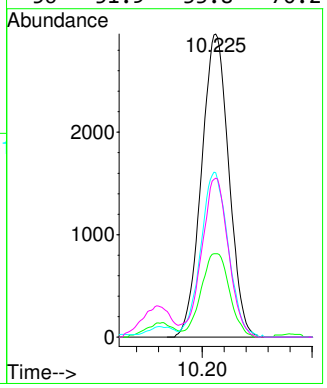


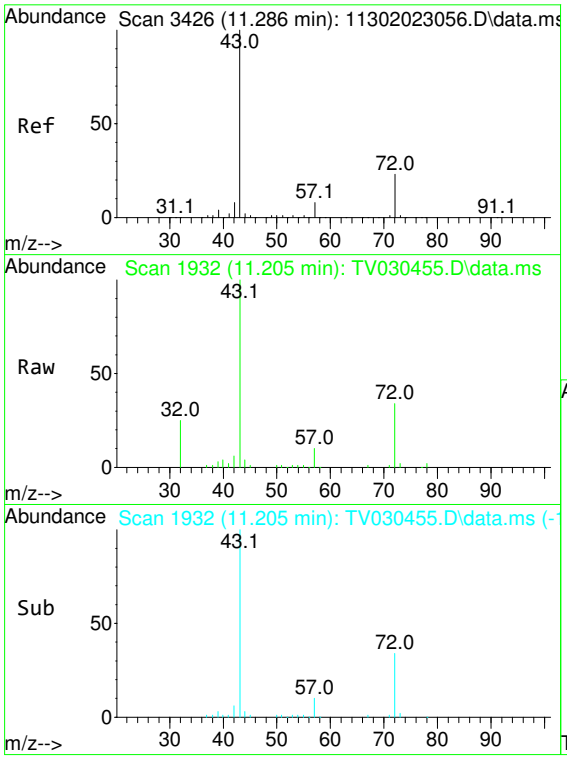


#24
Hexane
Concen: 0.24 ppbv
RT: 10.225 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 57 Resp: 10219

Ion	Ratio	Lower	Upper
57	100		
42	29.0	22.2	46.0
43	54.9	42.9	89.1
56	51.9	33.8	70.2

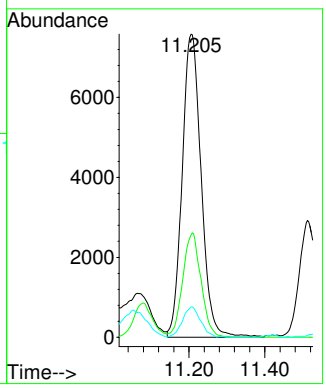


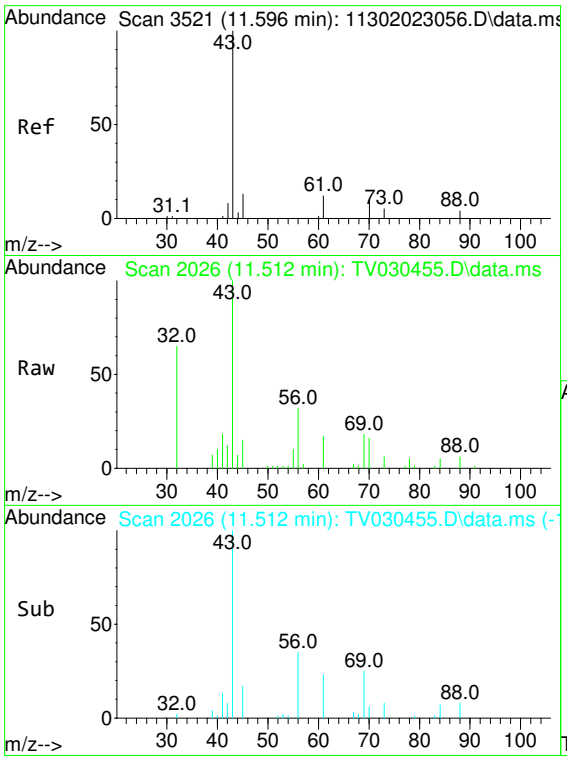


#27
2-Butanone
Concen: 0.52 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 43 Resp: 26327

Ion	Ratio	Lower	Upper
43	100		
72	33.3	16.4	34.2
57	9.7	5.0	10.4

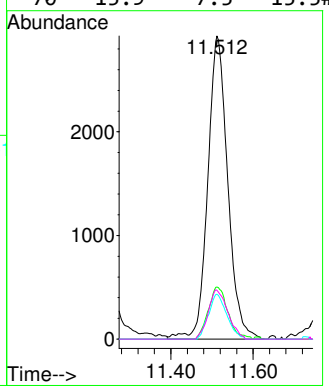


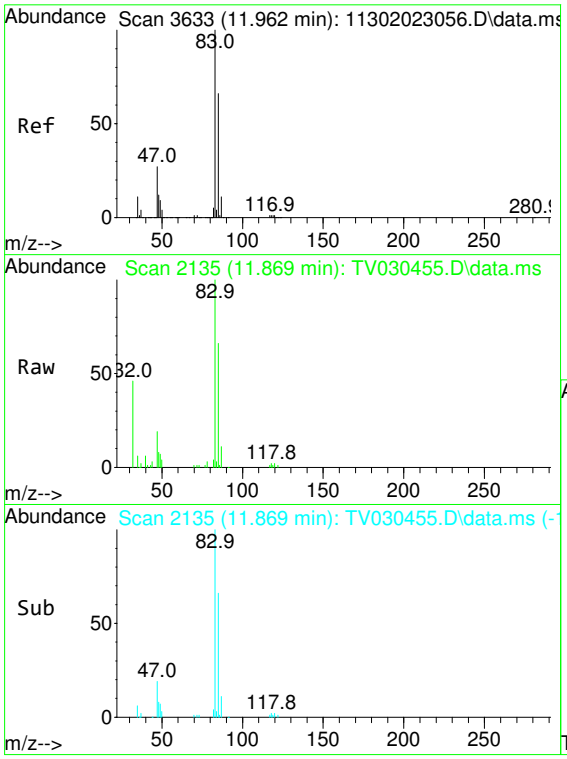


#28
Ethyl Acetate
Concen: 0.17 ppbv
RT: 11.512 min Scan# 2026
Delta R.T. -0.007 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 43 Resp: 9861

Ion	Ratio	Lower	Upper
43	100		
61	16.9	9.2	19.2
45	13.7	9.4	19.6
70	15.9	7.5	15.5#

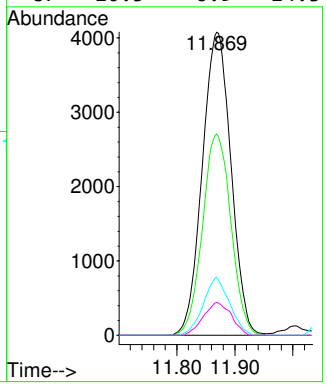


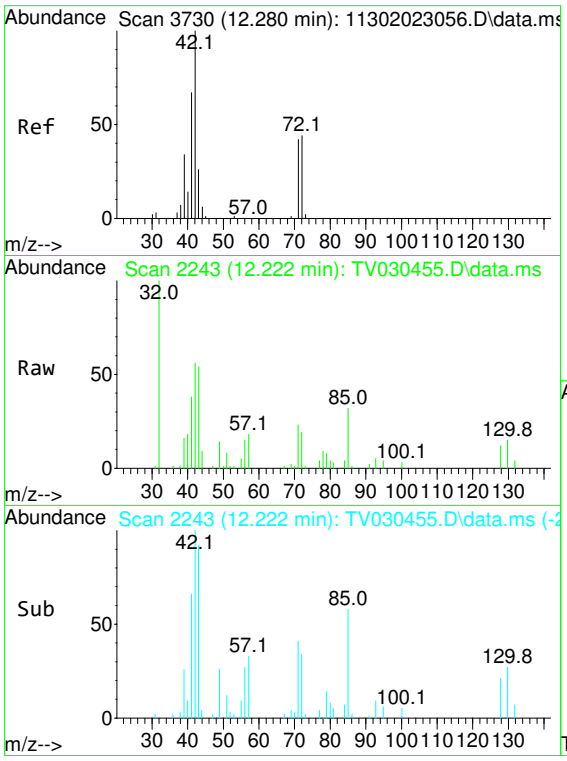


#30
Chloroform
Concen: 0.22 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 83 Resp: 14003

Ion	Ratio	Lower	Upper
83	100		
85	65.7	42.2	87.6
47	17.4	14.8	30.8
87	10.5	6.9	14.3

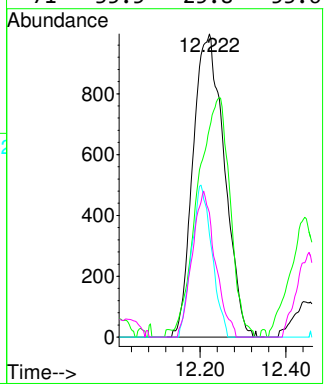


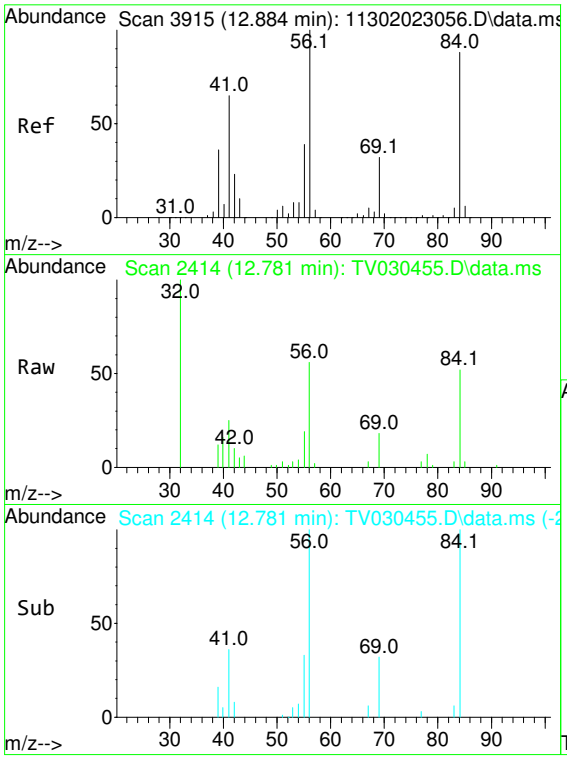


#31
Tetrahydrofuran
Concen: 0.18 ppbv
RT: 12.222 min Scan# 2243
Delta R.T. 0.020 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 42 Resp: 5050

Ion	Ratio	Lower	Upper
42	100		
41	81.9	34.5	71.7#
72	32.6	27.4	56.8
71	35.5	25.8	53.6

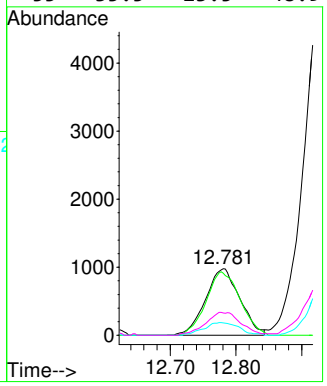


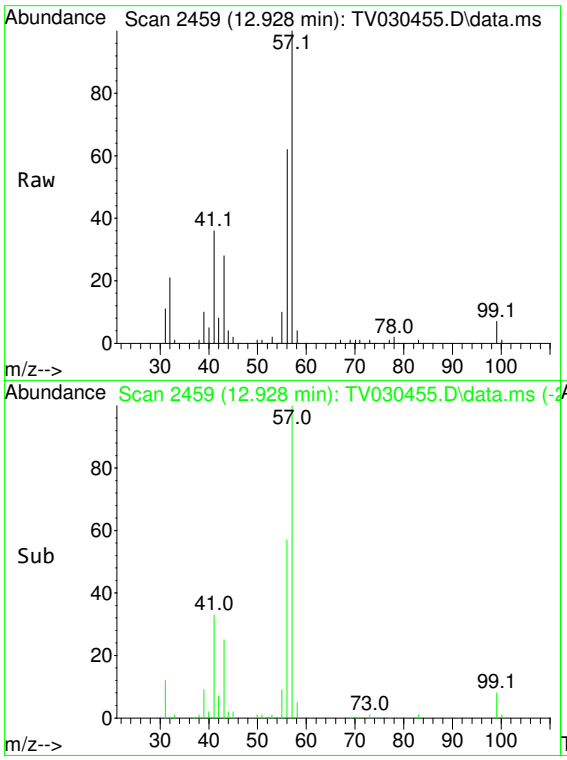


#33
Cyclohexane
Concen: 0.08 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 56 Resp: 3538

Ion	Ratio	Lower	Upper
56	100		
84	94.7	56.4	117.0
42	19.8	15.3	31.7
55	35.5	23.5	48.9

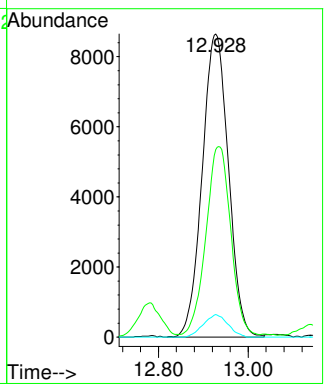


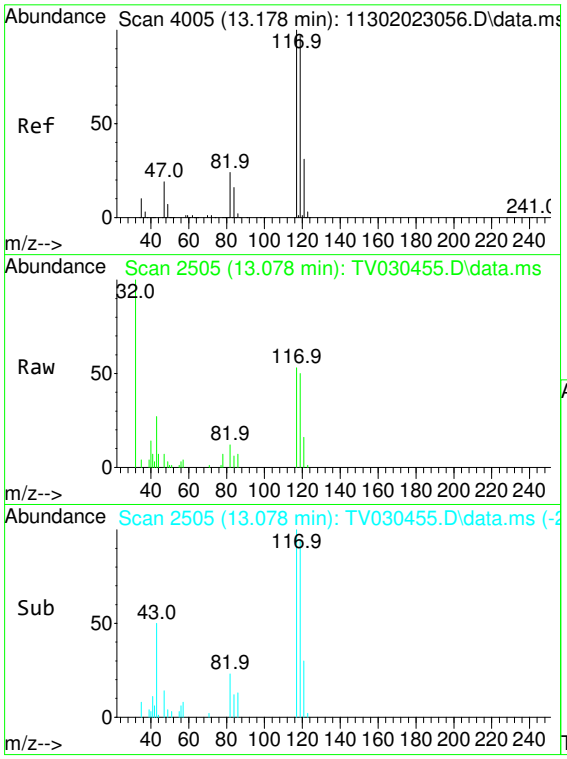


#34
2,2,4-Trimethylpentane
Concen: 0.26 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 57 Resp: 35152

Ion	Ratio	Lower	Upper
57	100		
56	59.9	24.5	45.5#
99	7.0	3.5	6.5#

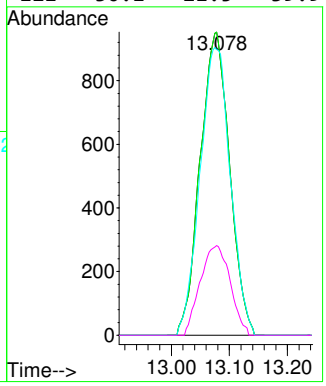


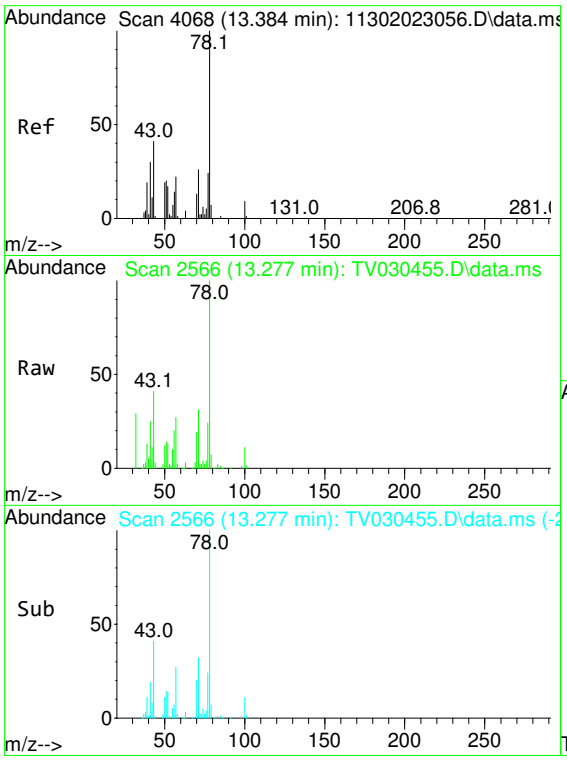


#35
Carbon Tetrachloride
Concen: 0.05 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:117 Resp: 3357

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.5	114.7#
121	30.1	21.5	39.9

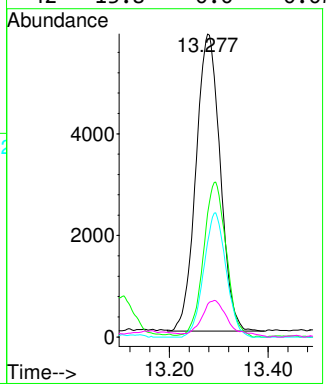


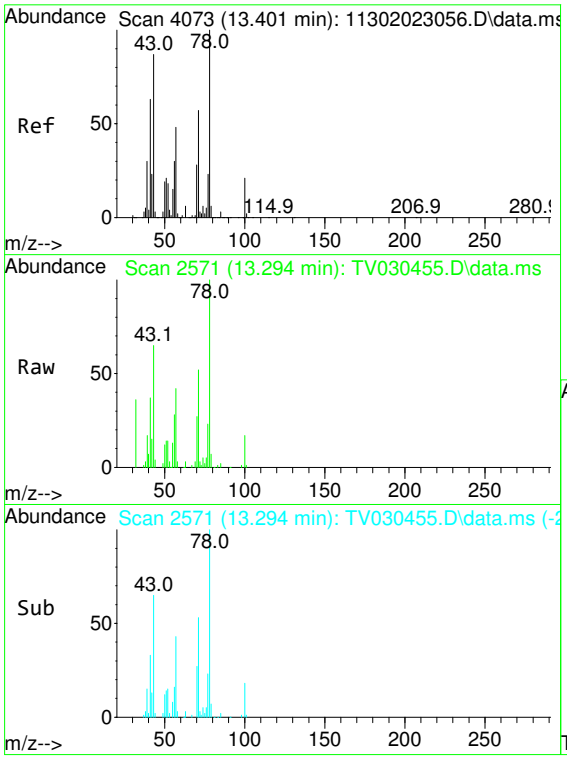


#37
Benzene
Concen: 0.21 ppbv
RT: 13.277 min Scan# 2566
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 78 Resp: 19957

Ion	Ratio	Lower	Upper
78	100		
43	49.2	0.0	0.0#
71	38.5	0.0	0.0#
42	13.8	0.0	0.0#

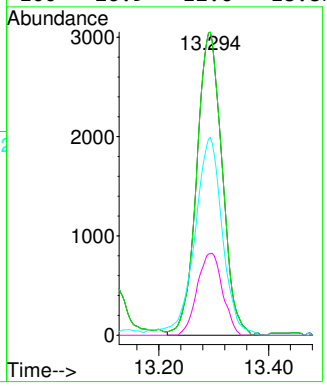


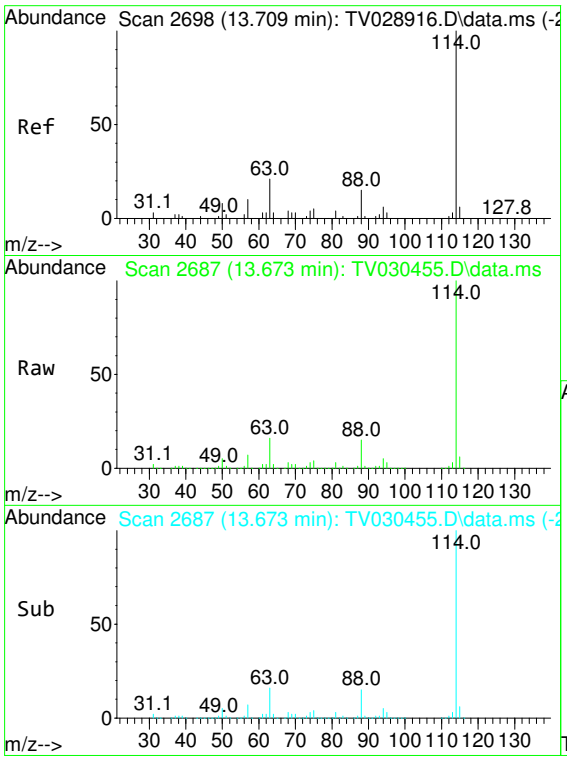


#38
n-Heptane
Concen: 0.23 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 43 Resp: 9822

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	71.3	39.8	59.8#
100	26.9	12.6	18.8#

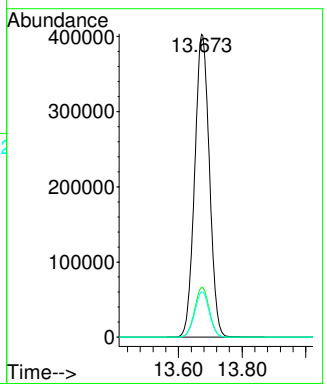


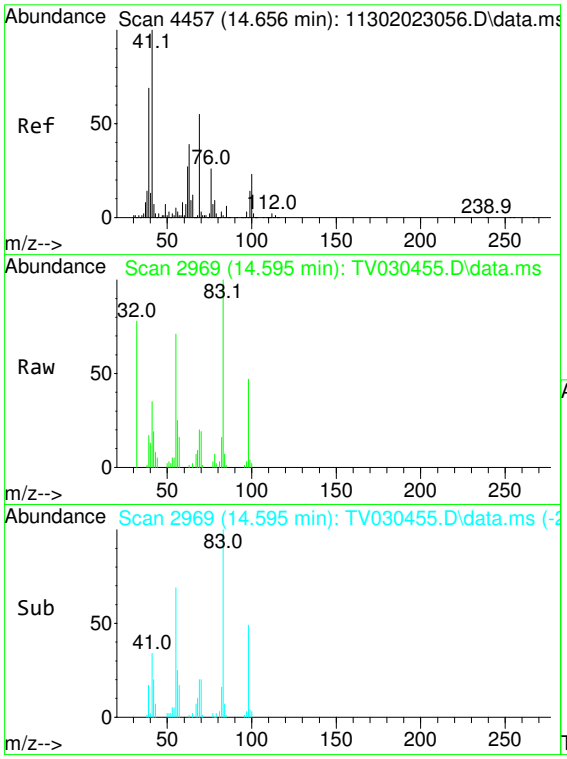


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.673 min Scan# 2687
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:114 Resp: 1291949

Ion	Ratio	Lower	Upper
114	100		
63	16.5	14.0	29.2
88	14.9	11.2	23.2

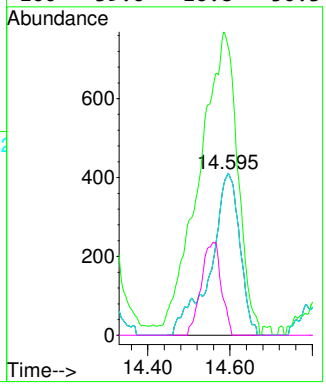


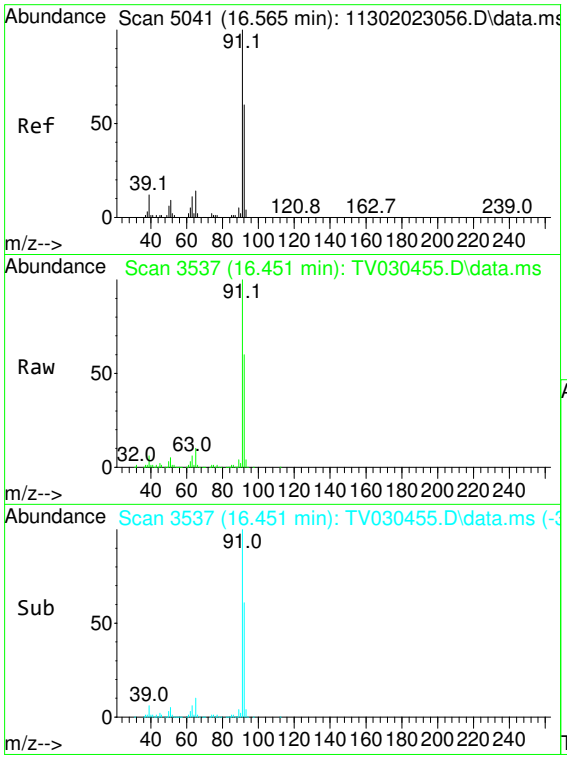


#42
Methyl Methacrylate
Concen: 0.05 ppbv
RT: 14.595 min Scan# 2969
Delta R.T. 0.029 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 69 Resp: 2018

Ion	Ratio	Lower	Upper
69	100		
41	250.7	25.3	75.9#
69	100.0	50.0	150.0
100	39.6	16.8	50.3

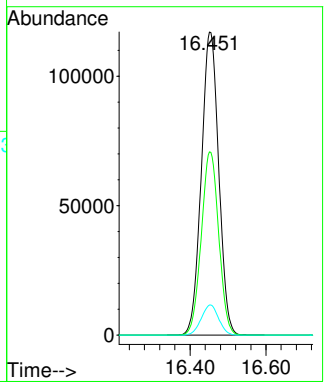


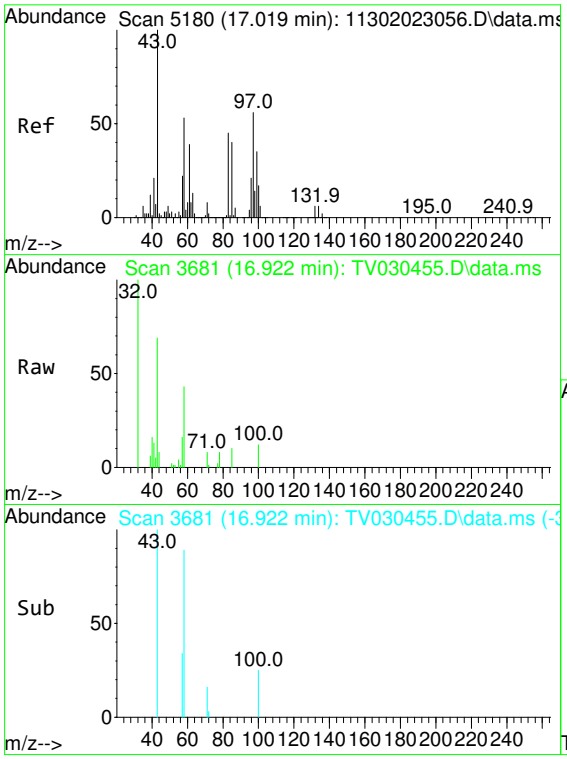


#47
Toluene
Concen: 2.81 ppbv
RT: 16.451 min Scan# 3537
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 371539

Ion	Ratio	Lower	Upper
91	100		
92	60.6	39.0	81.0
65	10.0	7.7	16.1

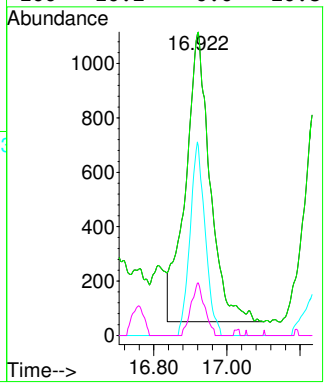


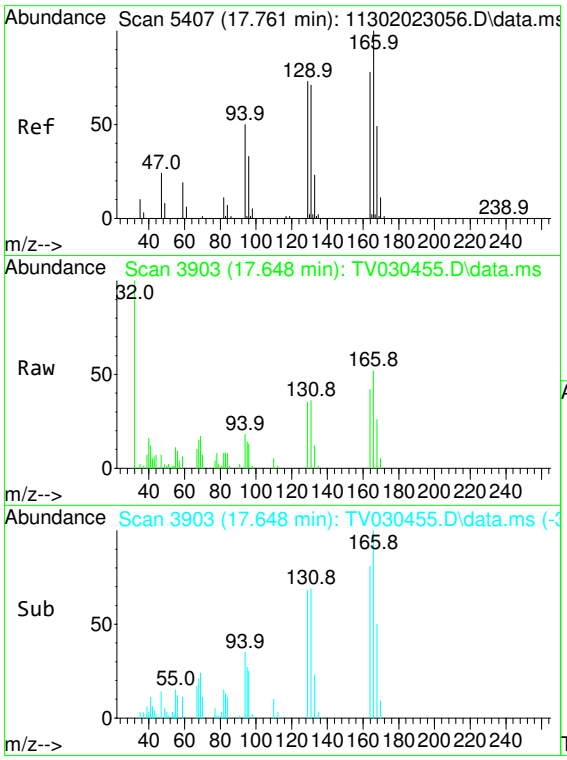


#50
2-Hexanone
Concen: 0.09 ppbv
RT: 16.922 min Scan# 3681
Delta R.T. -0.003 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 43 Resp: 4984

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	43.4	65.2#
100	10.2	0.0	20.8

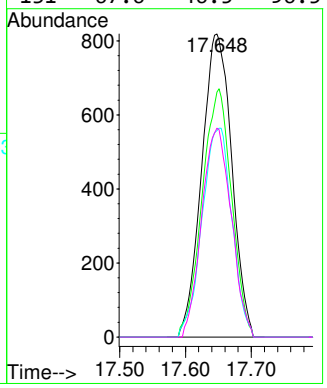


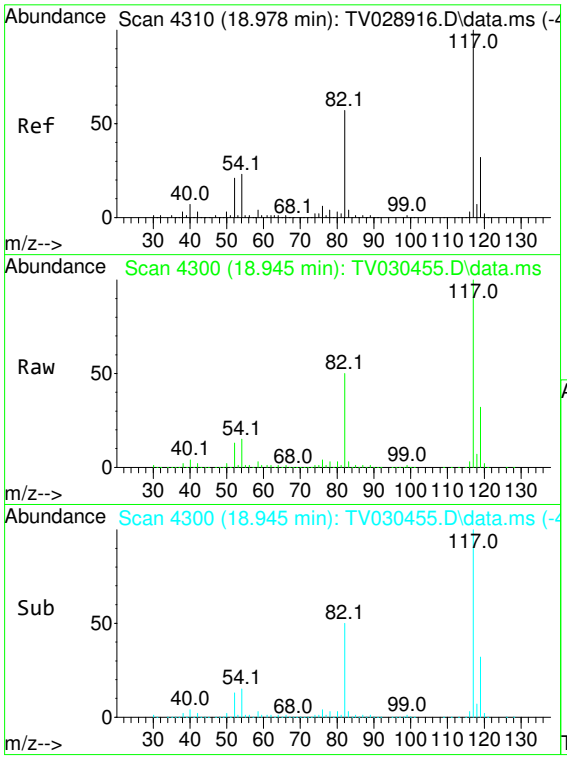


#52
Tetrachloroethylene
Concen: 0.04 ppbv
RT: 17.648 min Scan# 3903
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:166 Resp: 2594

Ion	Ratio	Lower	Upper
166	100		
164	80.1	51.4	106.8
129	68.5	47.0	97.6
131	67.6	46.5	96.5

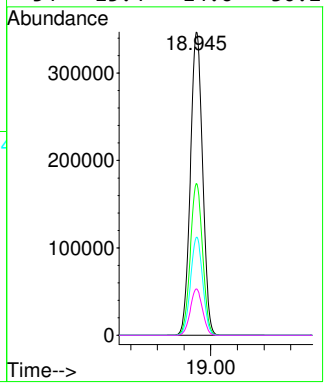


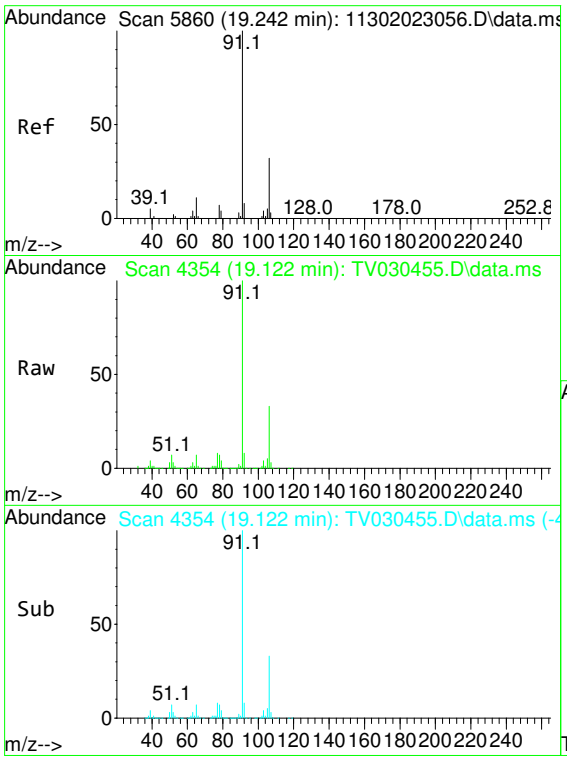


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:117 Resp: 1100118

Ion	Ratio	Lower	Upper
117	100		
82	50.2	38.7	80.5
119	32.3	20.3	42.3
54	15.4	14.6	30.2

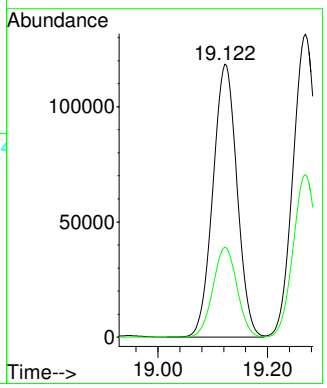


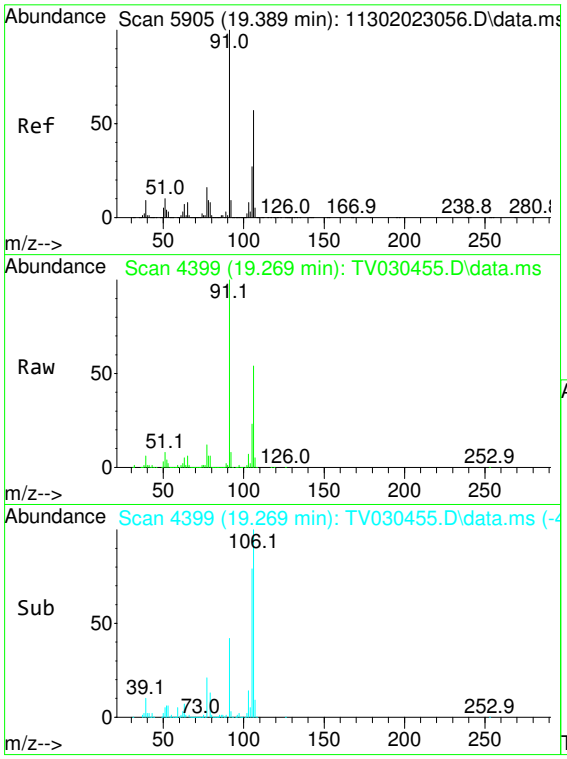


#58
Ethylbenzene
Concen: 2.26 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 361715

Ion	Ratio	Lower	Upper
91	100		
106	33.0	20.3	42.3

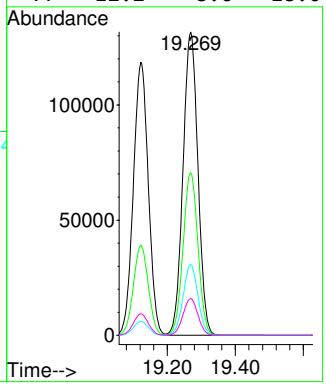


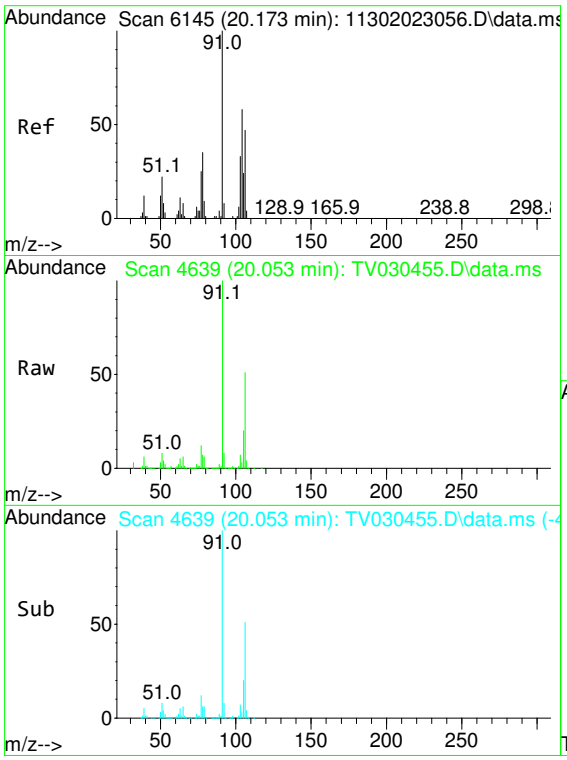


#59
p- & m-Xylenes
Concen: 3.29 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 399297

Ion	Ratio	Lower	Upper
91	100		
106	53.6	31.0	64.4
105	23.3	13.4	27.8
77	12.2	8.6	18.0

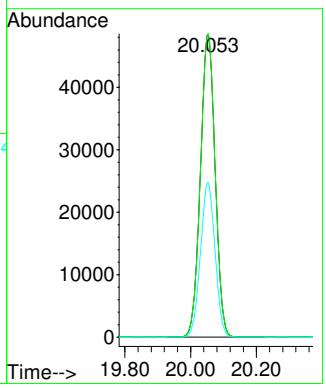


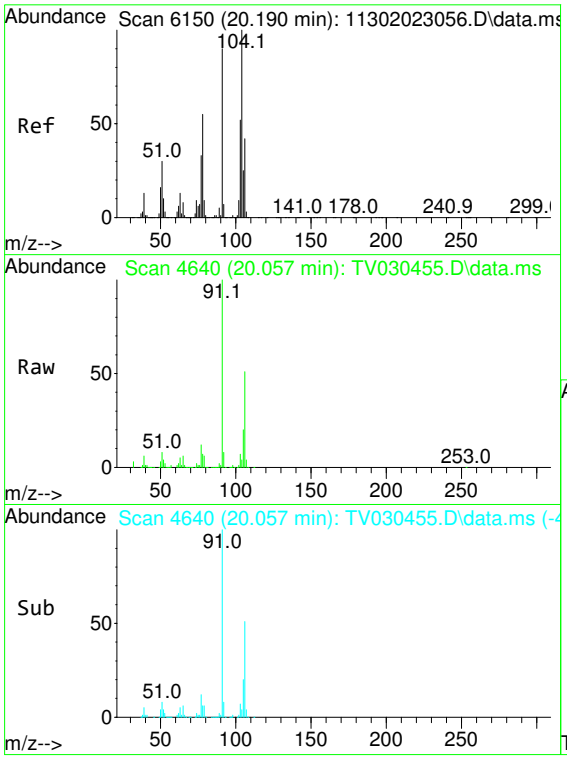


#60
o-Xylene
Concen: 1.20 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 150697

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.6	36.9	55.3

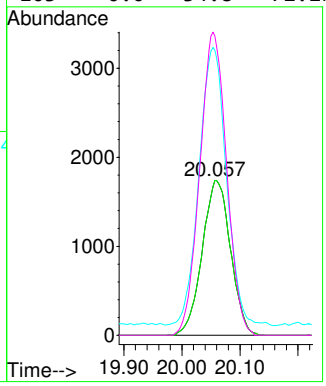


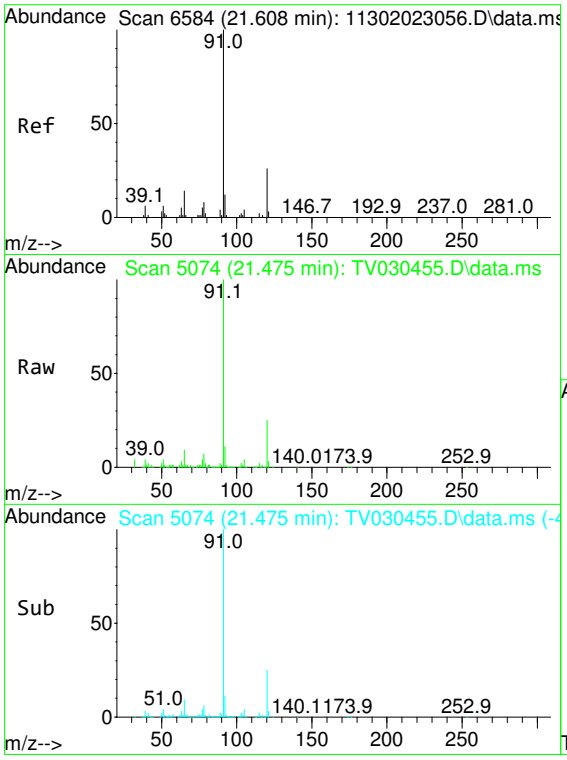


#61
Styrene
Concen: 0.06 ppbv
RT: 20.057 min Scan# 4640
Delta R.T. -0.026 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:104 Resp: 5885

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

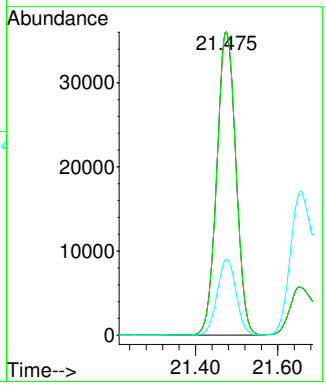


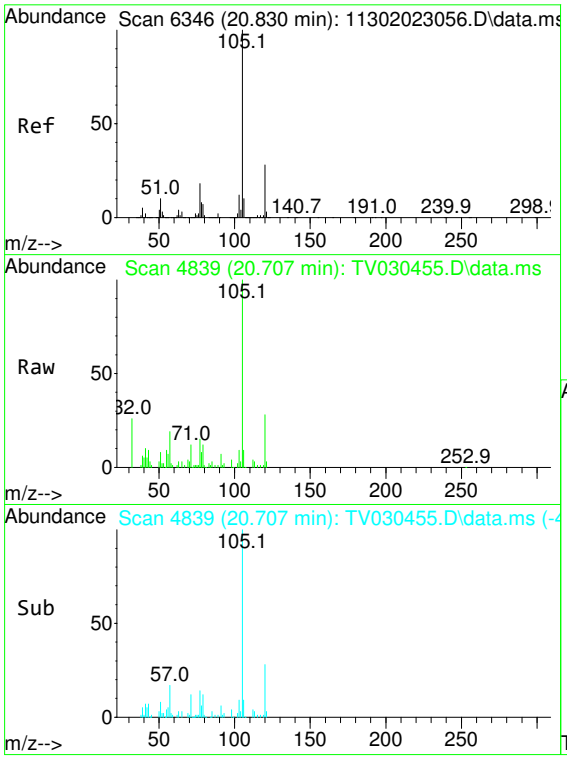


#63
n-Propylbenzene
Concen: 0.55 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 116486

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.8	11.0	33.0

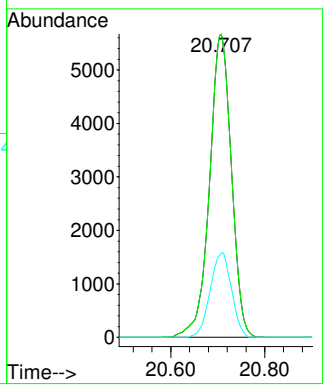


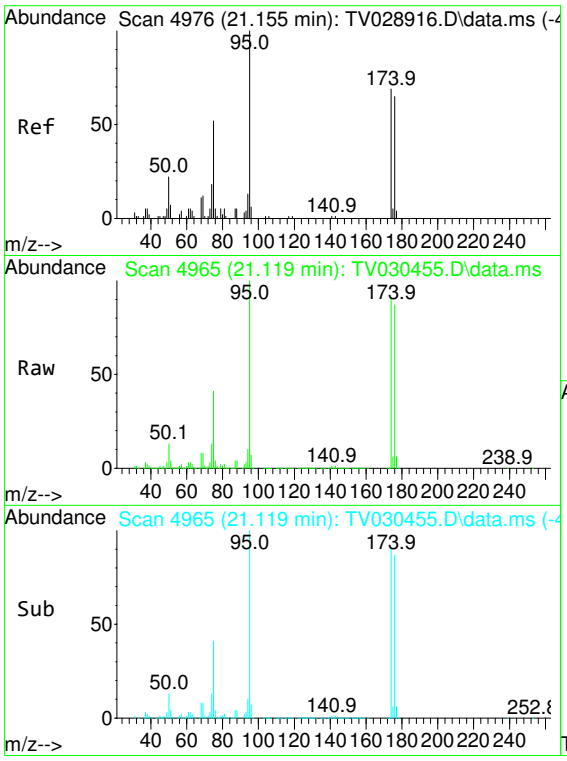


#64
Isopropylbenzene
Concen: 0.10 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:105 Resp: 18279

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	27.2	13.1	39.1

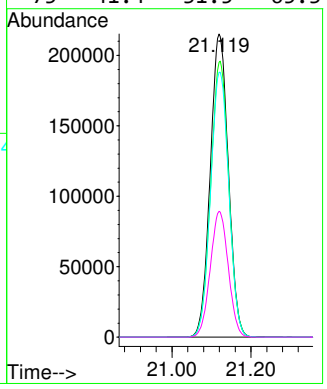


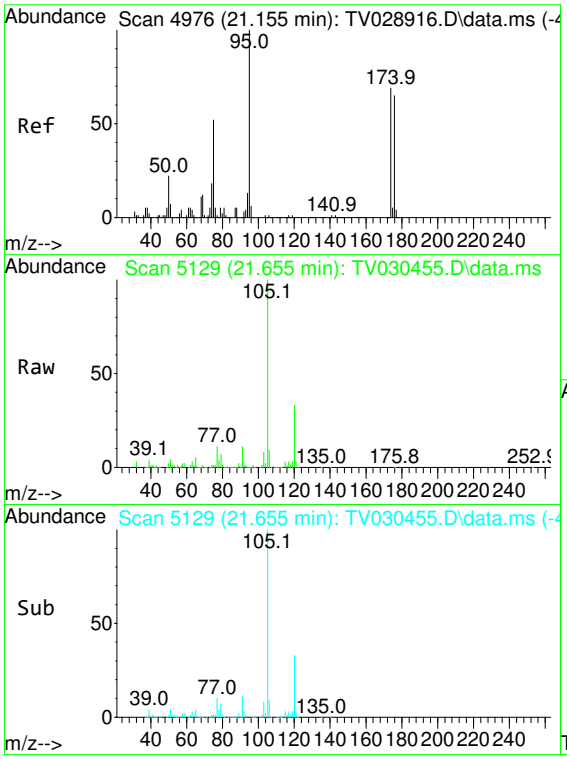


#66
p-Bromofluorobenzene
Concen: 0.34 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 95 Resp: 685249

Ion	Ratio	Lower	Upper
95	100		
174	90.8	50.0	103.8
176	88.0	48.2	100.2
75	41.4	31.5	65.3

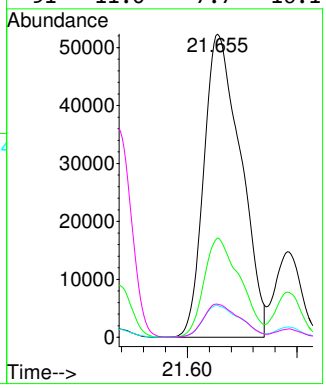


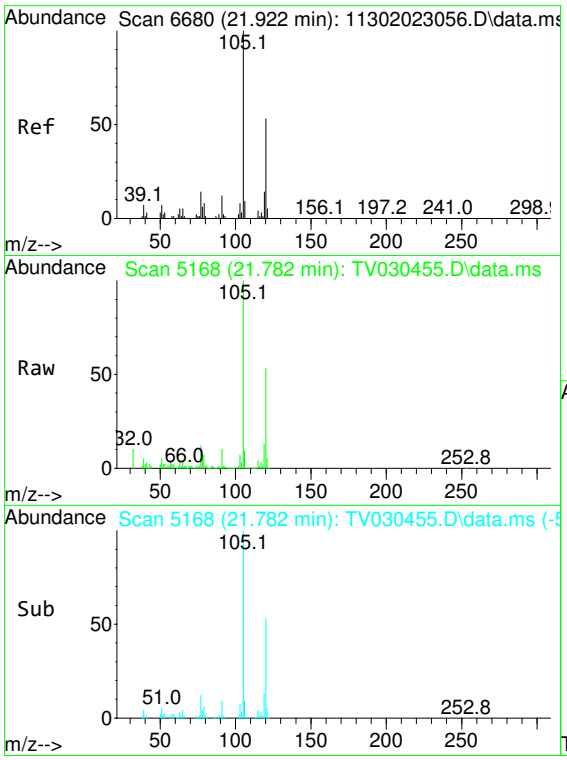


#67
4-Ethyltoluene
Concen: 1.39 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:105 Resp: 243441

Ion	Ratio	Lower	Upper
105	100		
120	32.3	17.2	35.6
77	10.5	7.6	15.8
91	11.0	7.7	16.1

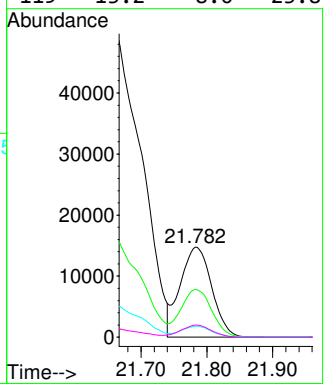


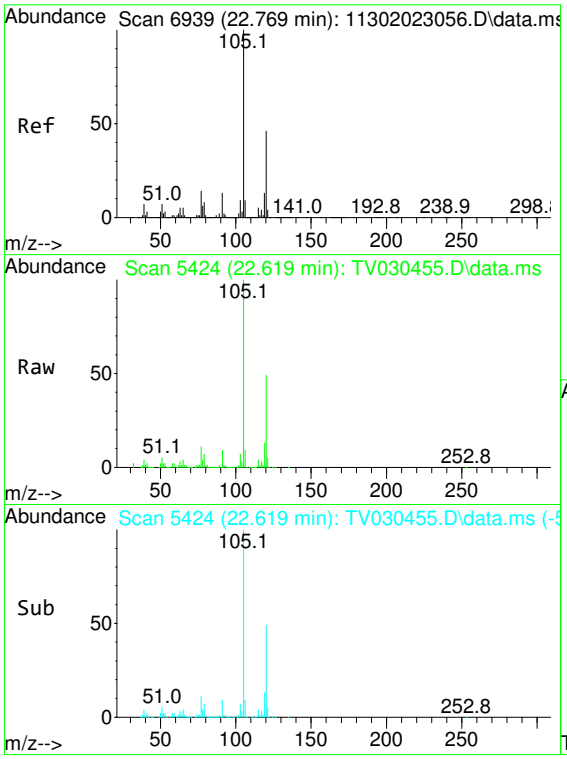


#68
1,3,5-Trimethylbenzene
Concen: 0.34 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:105 Resp: 49352

Ion	Ratio	Lower	Upper
105	100		
120	52.5	43.4	65.2
77	11.6	10.8	16.2
119	13.2	8.0	23.8

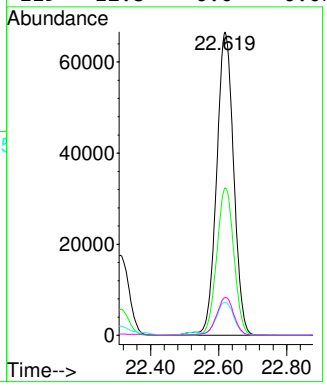


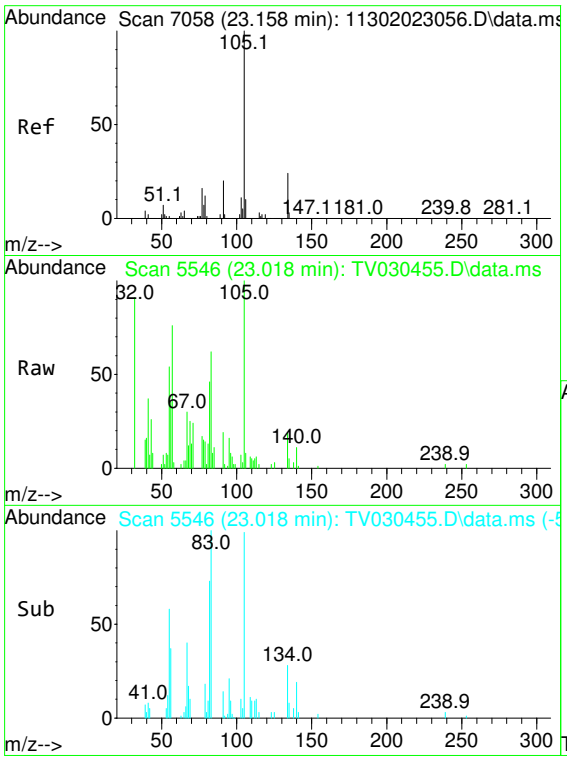


#70
1,2,4-Trimethylbenzene
Concen: 1.54 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:105 Resp: 231680

Ion	Ratio	Lower	Upper
105	100		
120	48.7	29.0	60.2
77	11.0	8.2	17.0
119	12.8	0.0	0.0#

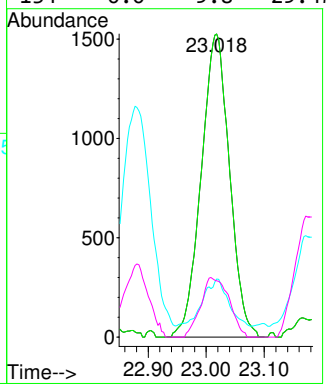


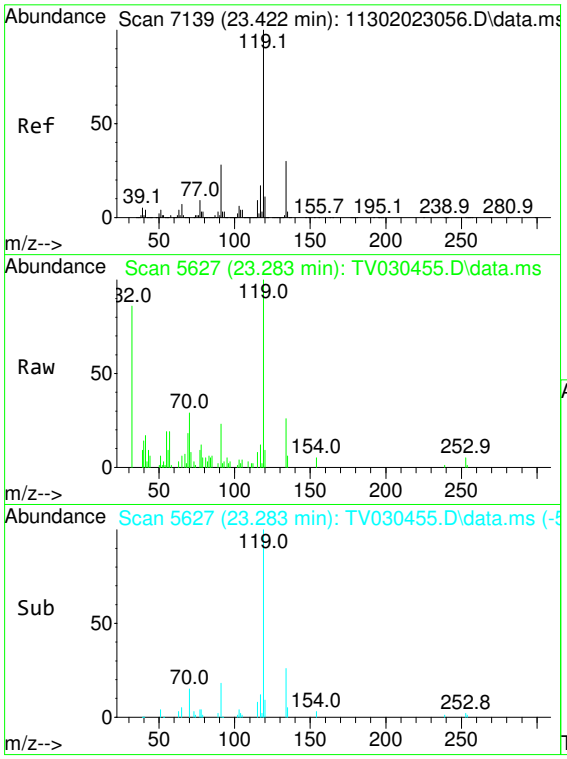


#71
sec-Butylbenzene
Concen: 0.02 ppbv
RT: 23.018 min Scan# 5546
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:105 Resp: 5169

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	9.8	29.4#

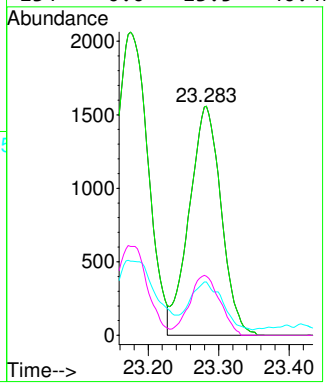


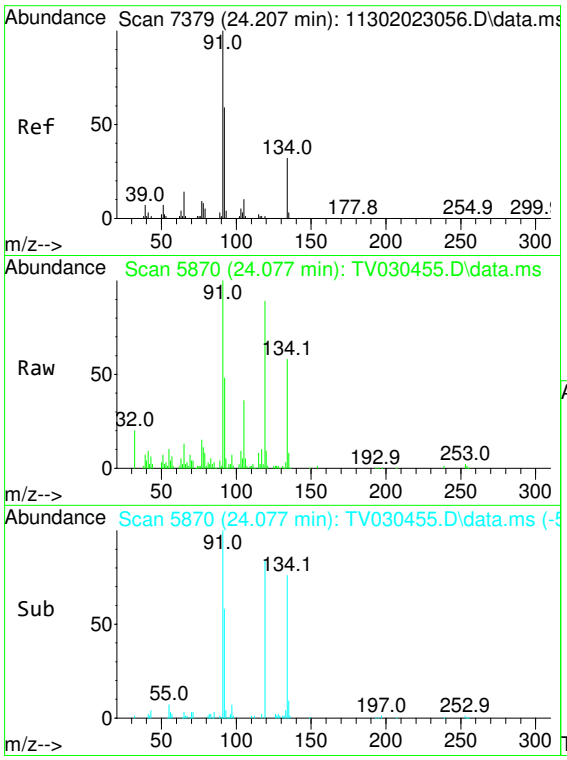


#72
p-Isopropyltoluene
Concen: 0.03 ppbv
RT: 23.283 min Scan# 5627
Delta R.T. -0.013 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:119 Resp: 4905

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	13.5	40.4#

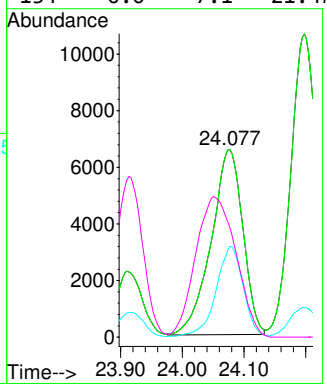


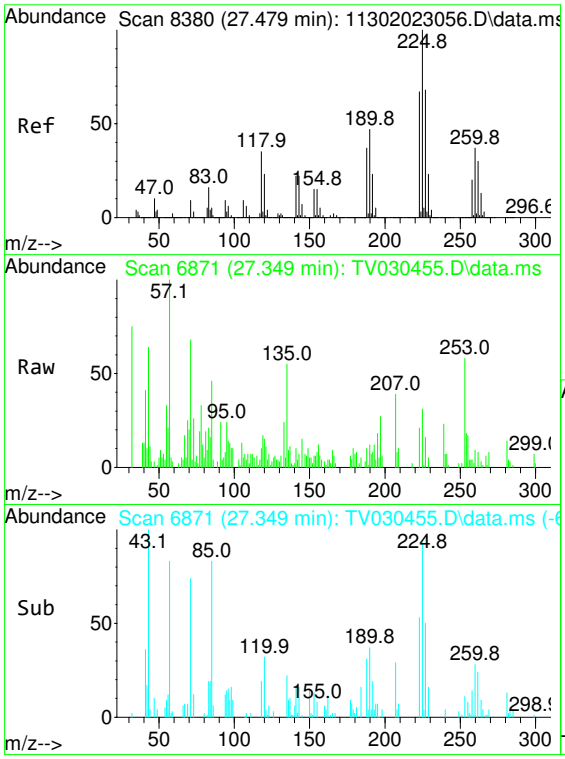


#76
n-Butylbenzene
Concen: 0.14 ppbv
RT: 24.077 min Scan# 5870
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion: 91 Resp: 23307

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
92	42.4	27.8	41.8#
134	0.0	7.1	21.4#

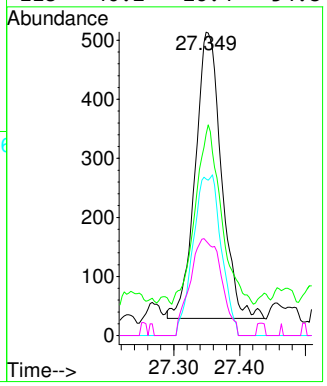


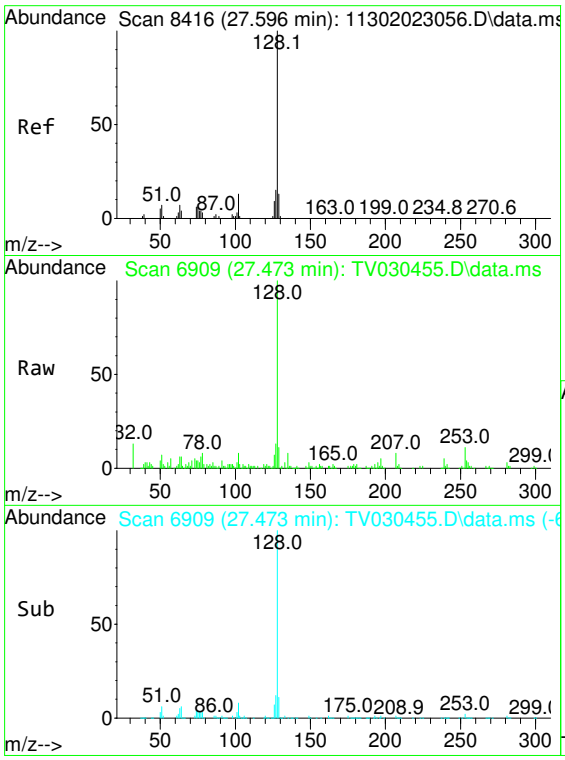


#79
Hexachlorobutadiene
Concen: 0.02 ppbv
RT: 27.349 min Scan# 6871
Delta R.T. -0.020 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:225 Resp: 1343

Ion	Ratio	Lower	Upper
225	100		
223	59.1	41.4	86.0
227	59.9	43.4	90.2
118	40.2	26.4	54.8

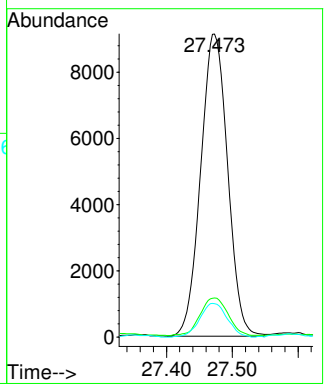




#80
Naphthalene
Concen: 0.15 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030455.D
Acq: 22 Apr 2025 01:22 am

Tgt Ion:128 Resp: 25991

Ion	Ratio	Lower	Upper
128	100		
127	12.9	8.1	16.9
129	11.5	7.3	15.1



Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID: 25C1721-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.62		ug/m³	0.62	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.59		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.45		ug/m³	0.19	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
78-93-3	**2-Butanone**	2.7		ug/m³	0.24	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
67-64-1	**Acetone**	28		ug/m³	1.5	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
107-13-1	**Acrylonitrile**	6.2		ug/m³	2.3	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
71-43-2	**Benzene**	1.2		ug/m³	0.26	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
56-23-5	**Carbon tetrachloride**	0.51		ug/m³	0.13	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR

Sample Information

Client Sample ID: AI-3 20250326 **York Sample ID: 25C1721-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
74-87-3	**Chloromethane**	1.0		ug/m³	0.17	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
141-78-6	*** Ethyl acetate**	3.2		ug/m³	0.58	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
100-41-4	**Ethyl Benzene**	0.35		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
67-63-0	**Isopropanol**	2.9	CAL-E	ug/m³	1.2	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
142-82-5	**n-Heptane**	2.7		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
110-54-3	**n-Hexane**	0.54		ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
95-47-6	**o-Xylene**	0.42		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.70	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
622-96-8	*** p-Ethyltoluene**	0.40		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
115-07-1	*** Propylene**	2.0		ug/m³	0.14	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
100-42-5	Styrene	ND		ug/m³	0.34	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
109-99-9	*** Tetrahydrofuran**	1.5		ug/m³	0.47	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
108-88-3	**Toluene**	5.5		ug/m³	0.30	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.45	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR
74-97-5	*Internal Standard: Bromochloromethan*	*115 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*113 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*107 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030449.D
Acq On : 21 Apr 2025 08:44 pm
Operator : YR
Sample : 25C1721-06
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.805
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:43 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

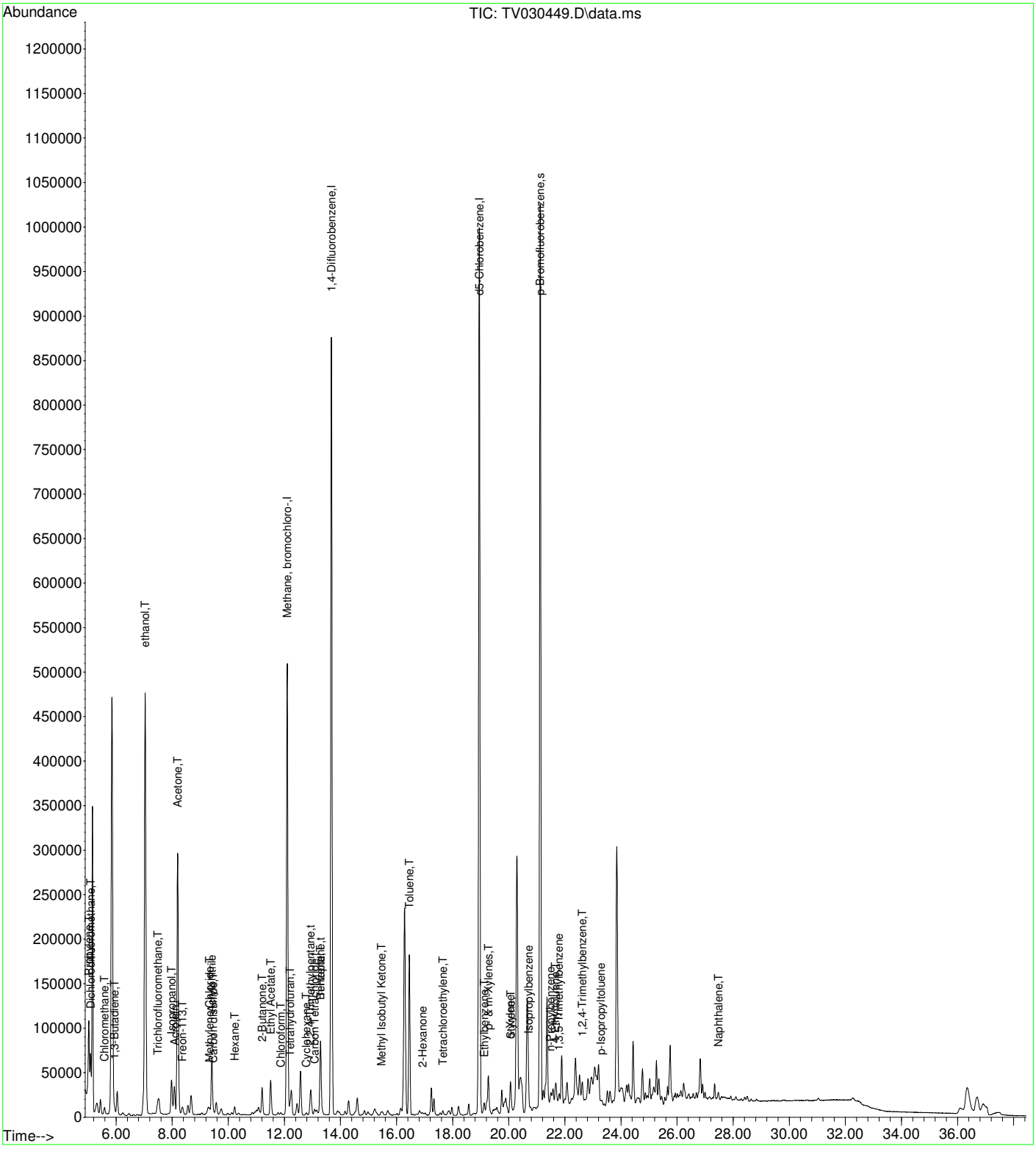
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	338854	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.673	114	1380004	10.00	ppbv		-0.02
55) d5-Chlorobenzene	18.945	117	1181636	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	714683	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.024	42	20278	1.44	ppbv	#	43
3) Dichlorodifluoromethane	5.093	85	47990	0.62	ppbv		99
5) Chloromethane	5.583	50	13839	0.61	ppbv		100
7) 1,3-Butadiene	5.936	54	4232	0.19	ppbv		94
10) ethanol	7.034	45	547917	38.43	ppbv		88
12) Trichlorofluoromethane	7.485	101	22266	0.30	ppbv		98
13) Isopropanol	7.976	45	88280	1.46	ppbv		100
14) Acrolein	8.090	56	4826	0.37	ppbv	#	100
15) Acetone	8.195	43	603492	14.89	ppbv		81
16) Freon-113	8.358	101	6541	0.10	ppbv		93
19) Methylene Chloride	9.332	49	5728	0.19	ppbv	#	1
20) Acrylonitrile	9.411	53	90039	3.53	ppbv	#	100
21) Carbon disulfide	9.466	76	6237	0.07	ppbv		91
24) Hexane	10.225	57	8893	0.19	ppbv		90
27) 2-Butanone	11.205	43	60560	1.13	ppbv	#	84
28) Ethyl Acetate	11.509	43	68068	1.11	ppbv	#	92
30) Chloroform	11.869	83	3454	0.05	ppbv	#	92
31) Tetrahydrofuran	12.202	42	18759	0.63	ppbv	#	77
33) Cyclohexane	12.777	56	2459	0.05	ppbv		92
34) 2,2,4-Trimethylpentane	12.928	57	16623	0.12	ppbv	#	1
35) Carbon Tetrachloride	13.075	117	6684	0.10	ppbv	#	92
37) Benzene	13.281	78	48710	0.48	ppbv	#	100
38) n-Heptane	13.291	43	36577	0.81	ppbv	#	89
45) Methyl Isobutyl Ketone	15.454	43	5582	0.08	ppbv	#	70
47) Toluene	16.451	91	256036	1.81	ppbv		99
50) 2-Hexanone	16.919	43	4825m	0.08	ppbv		
52) Tetrachloroethylene	17.644	166	2856	0.04	ppbv		97
58) Ethylbenzene	19.122	91	17715	0.10	ppbv		98
59) p- & m-Xylenes	19.269	91	37668	0.29	ppbv		94
60) o-Xylene	20.050	91	16124	0.12	ppbv		98
61) Styrene	20.070	104	6040	0.06	ppbv	#	74
63) n-Propylbenzene	21.475	91	5939	0.03	ppbv		100
64) Isopropylbenzene	20.707	105	10963	0.06	ppbv		99
67) 4-Ethyltoluene	21.652	105	18417	0.10	ppbv		92
68) 1,3,5-Trimethylbenzene	21.779	105	5577	0.04	ppbv		95
70) 1,2,4-Trimethylbenzene	22.616	105	23975	0.15	ppbv	#	95
72) p-Isopropyltoluene	23.276	119	6103	0.03	ppbv	#	100
80) Naphthalene	27.473	128	11592	0.06	ppbv		98

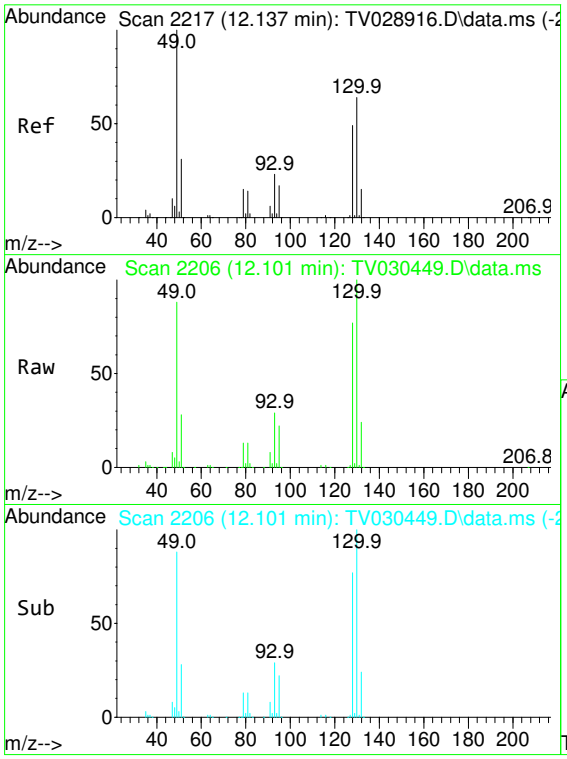
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030449.D
Acq On : 21 Apr 2025 08:44 pm
Operator : YR
Sample : 25C1721-06
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.805
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:43 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

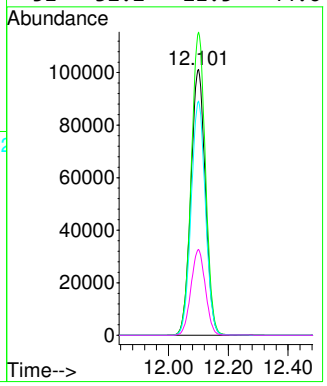


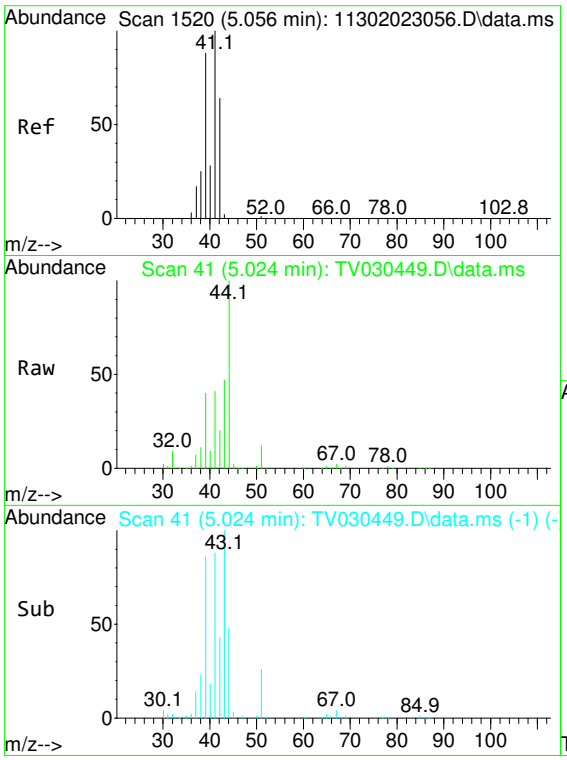


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 49 Resp: 338854

Ion	Ratio	Lower	Upper
49	100		
130	112.2	44.5	92.3#
128	87.1	34.7	72.1#
51	32.2	21.5	44.6

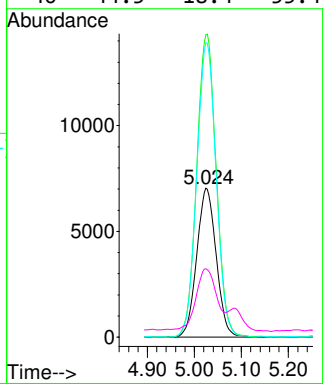


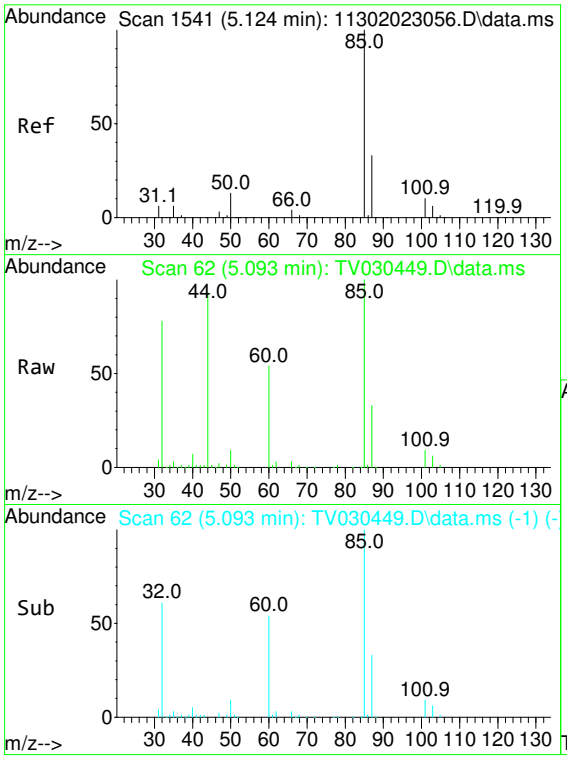


#2
Propylene
Concen: 1.44 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 42 Resp: 20278

Ion	Ratio	Lower	Upper
42	100		
41	203.8	88.9	207.5
39	197.2	52.2	156.6#
40	44.5	18.4	55.4

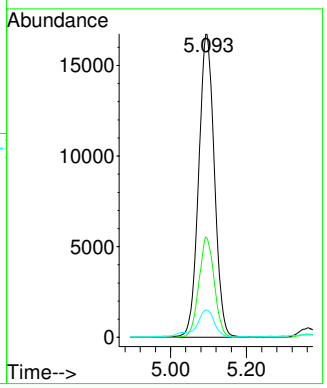


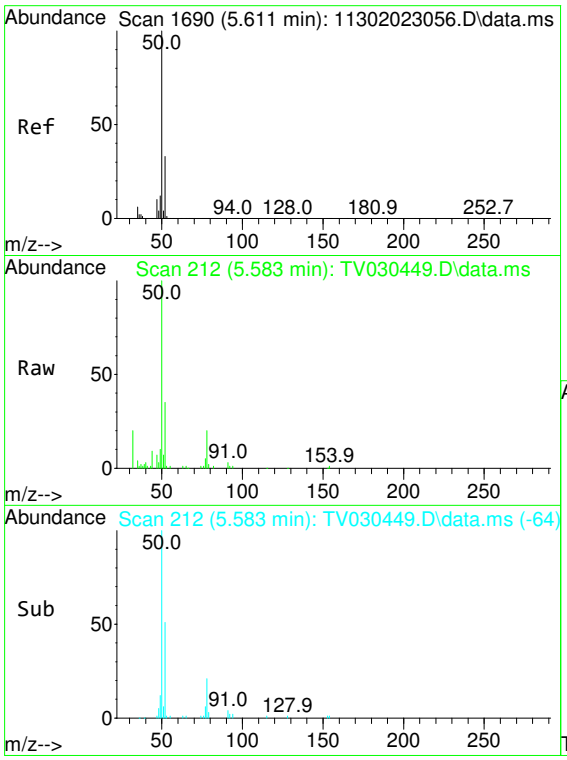


#3
Dichlorodifluoromethane
Concen: 0.62 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 85 Resp: 47990

Ion	Ratio	Lower	Upper
85	100		
87	32.4	21.0	43.6
50	11.2	6.8	14.2

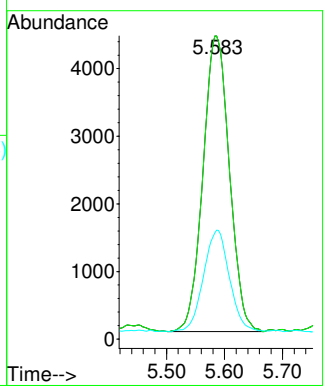


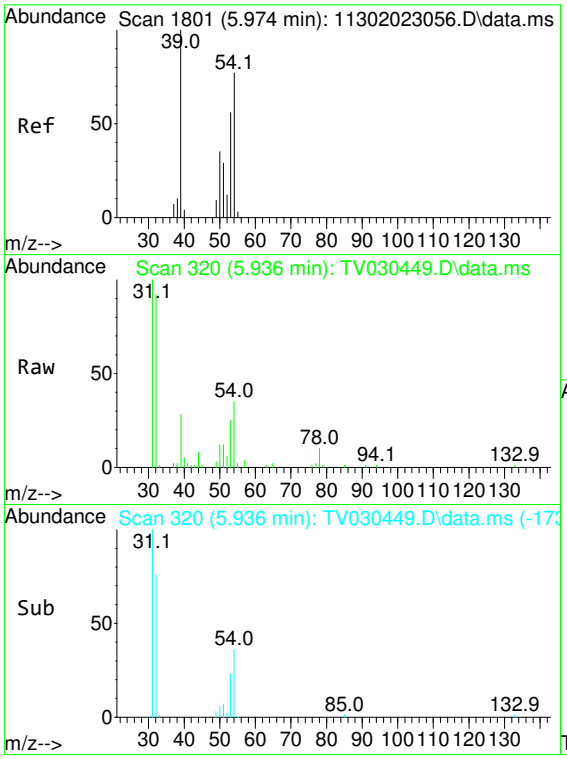


#5
Chloromethane
Concen: 0.61 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 50 Resp: 13839

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	33.4	16.5	49.5

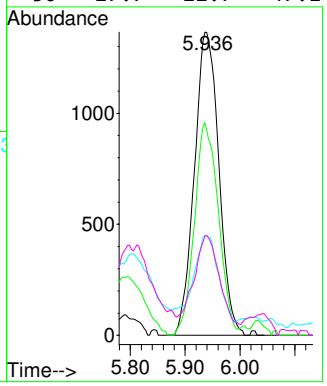


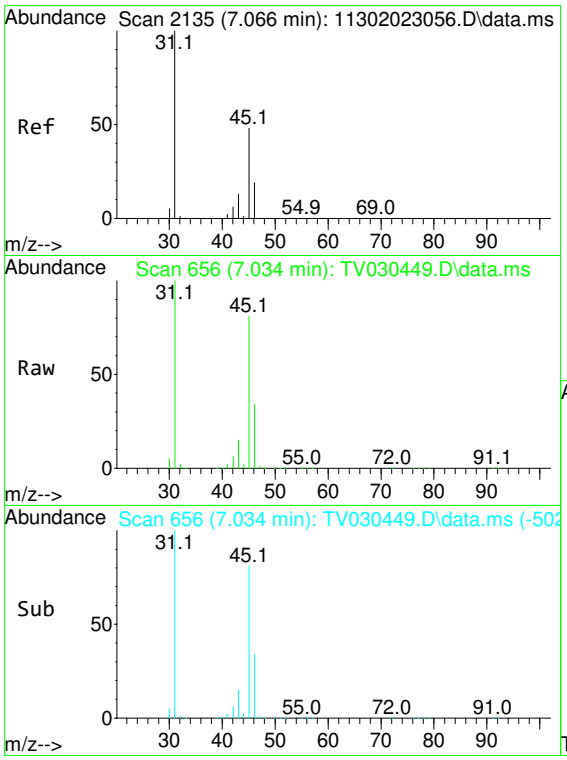


#7
1,3-Butadiene
Concen: 0.19 ppbv
RT: 5.936 min Scan# 320
Delta R.T. -0.020 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 54 Resp: 4232

Ion	Ratio	Lower	Upper
54	100		
53	69.5	43.4	90.2
51	28.4	19.9	41.3
50	27.7	22.7	47.1

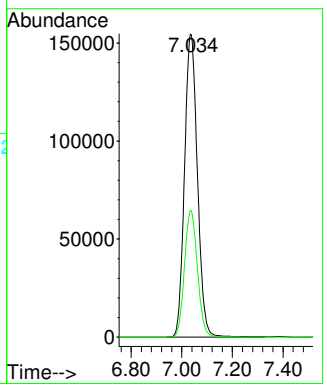


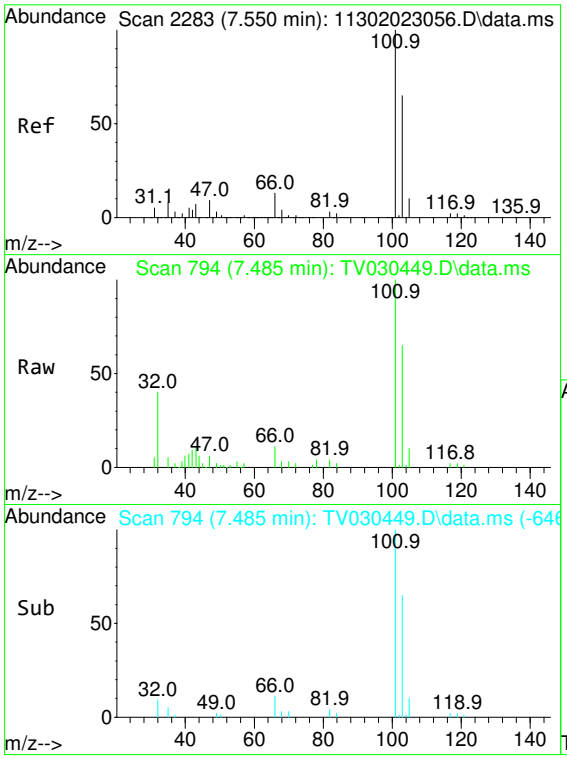


#10
ethanol
Concen: 38.43 ppbv
RT: 7.034 min Scan# 656
Delta R.T. 0.003 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 45 Resp: 547917

Ion	Ratio	Lower	Upper
45	100		
46	42.0	40.0	60.0

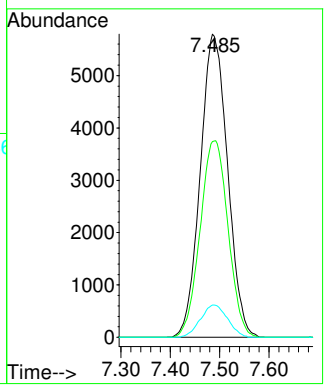


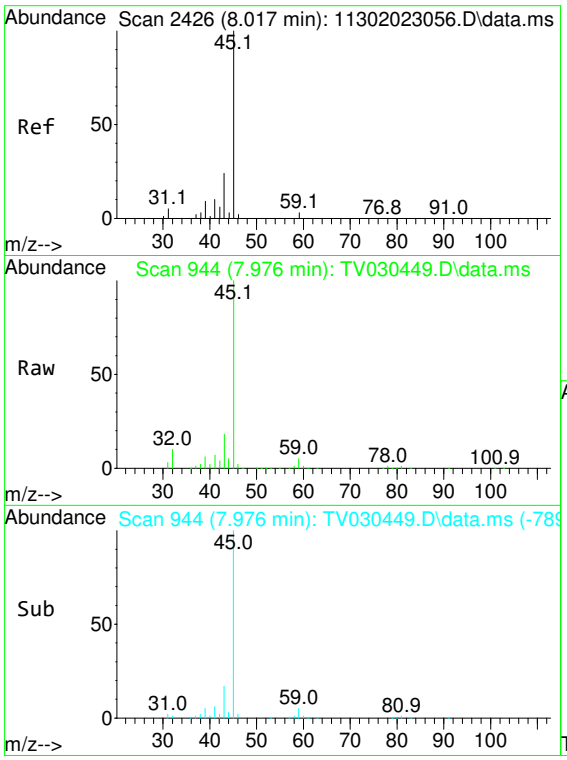


#12
Trichlorofluoromethane
Concen: 0.30 ppbv
RT: 7.485 min Scan# 794
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:101 Resp: 22266

Ion	Ratio	Lower	Upper
101	100		
103	66.3	42.4	88.0
66	10.6	7.9	16.5

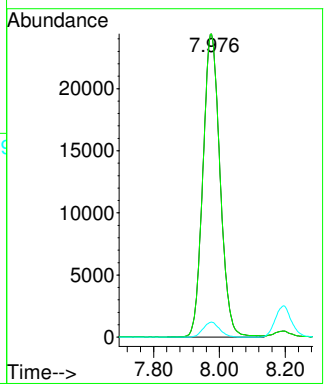


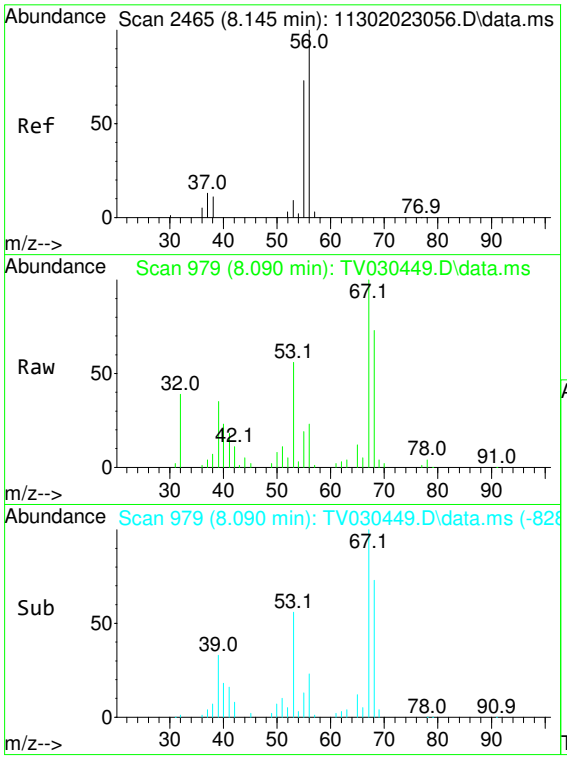


#13
Isopropanol
Concen: 1.46 ppbv
RT: 7.976 min Scan# 944
Delta R.T. 0.007 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 45 Resp: 88280

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

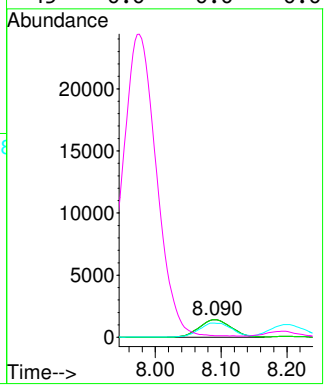


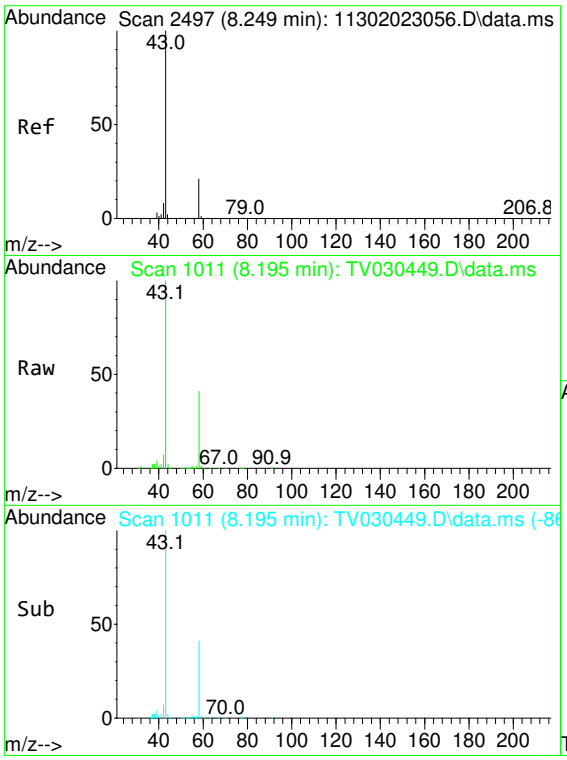


#14
Acrolein
Concen: 0.37 ppbv
RT: 8.090 min Scan# 979
Delta R.T. -0.007 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 56 Resp: 4826

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

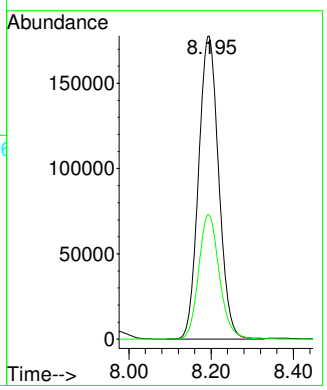


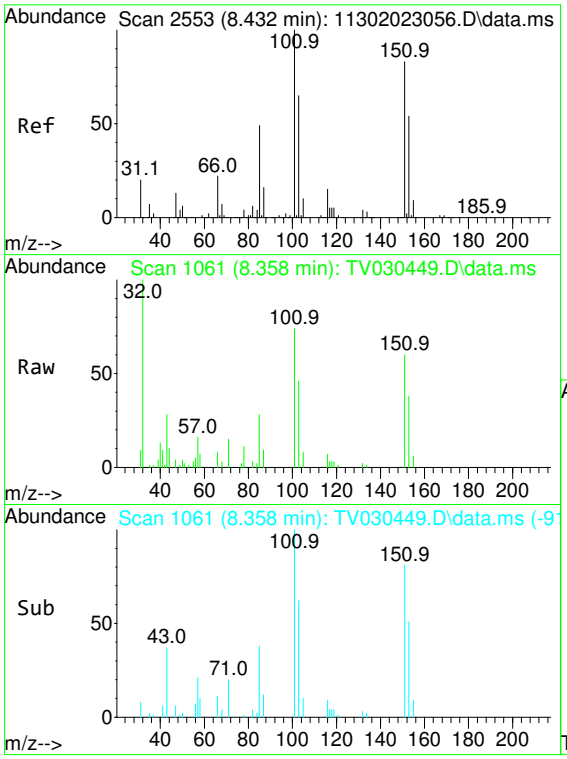


#15
Acetone
Concen: 14.89 ppbv
RT: 8.195 min Scan# 1011
Delta R.T. -0.007 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 603492

Ion	Ratio	Lower	Upper
43	100		
58	42.5	20.7	42.9

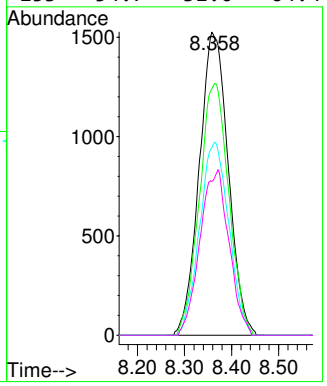


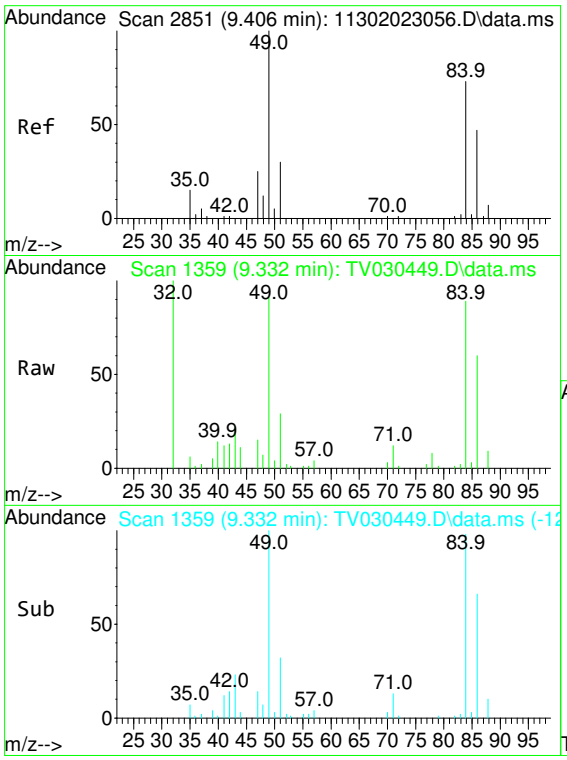


#16
Freon-113
Concen: 0.10 ppbv
RT: 8.358 min Scan# 1061
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:101 Resp: 6541

Ion	Ratio	Lower	Upper
101	100		
151	84.2	48.6	100.8
103	64.0	42.0	87.2
153	54.7	31.0	64.4

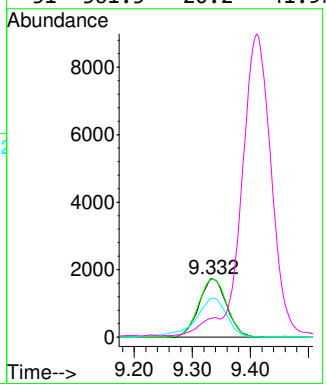


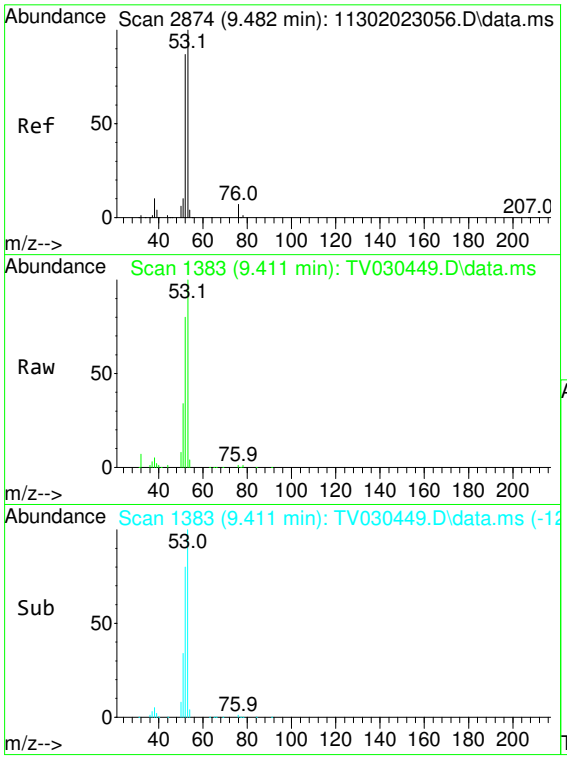


#19
Methylene Chloride
Concen: 0.19 ppbv
RT: 9.332 min Scan# 1359
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 49 Resp: 5728

Ion	Ratio	Lower	Upper
49	100		
84	102.8	50.1	104.0
86	76.4	32.2	66.8#
51	561.5	20.2	41.9#

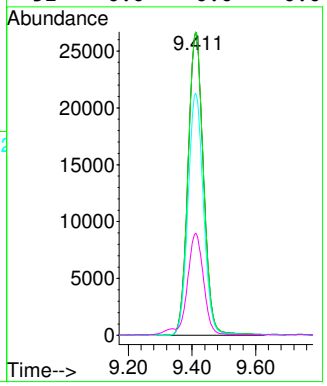


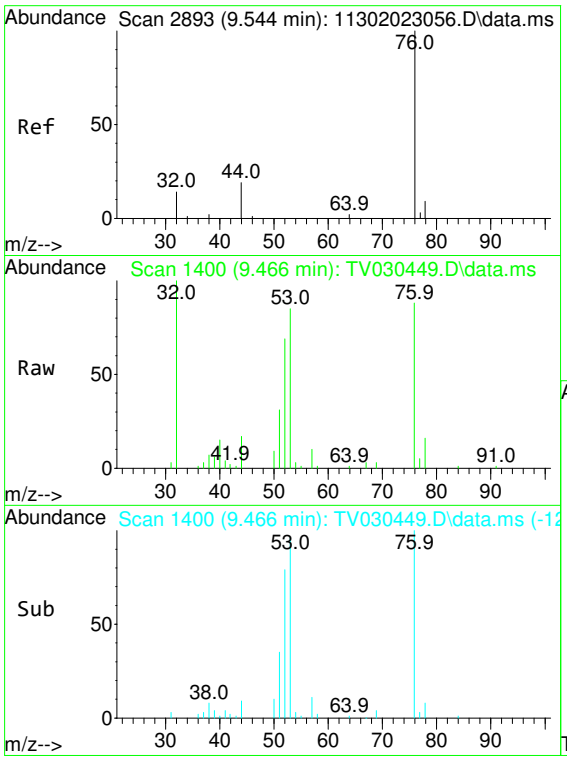


#20
Acrylonitrile
Concen: 3.53 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 53 Resp: 90039

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

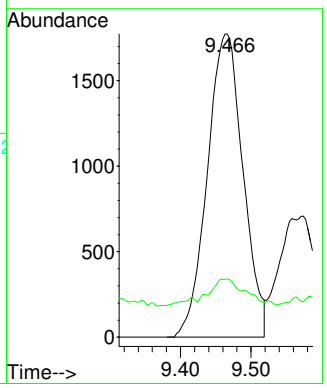


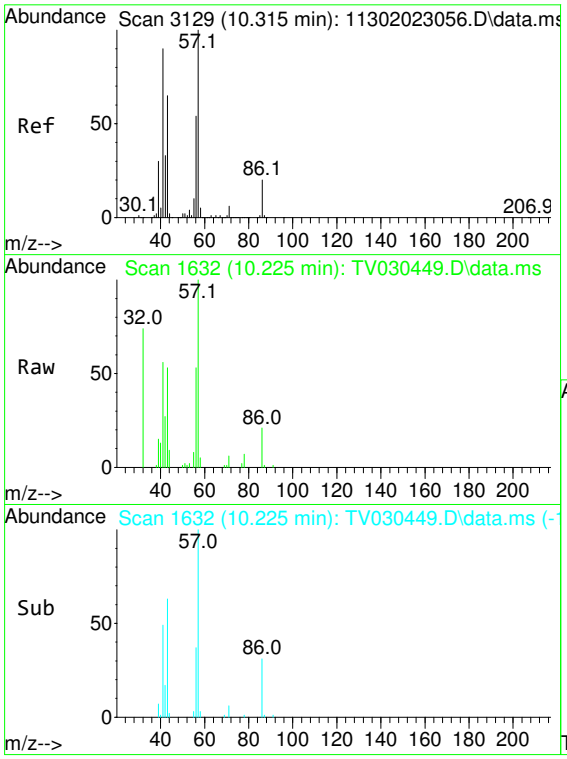


#21
Carbon disulfide
Concen: 0.07 ppbv
RT: 9.466 min Scan# 1400
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 76 Resp: 6237

Ion	Ratio	Lower	Upper
76	100		
44	9.3	8.4	17.4

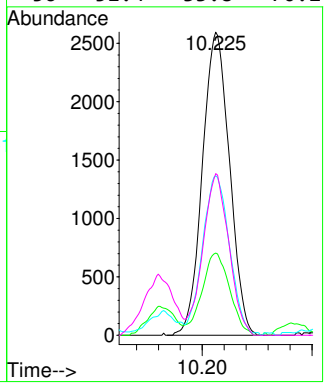


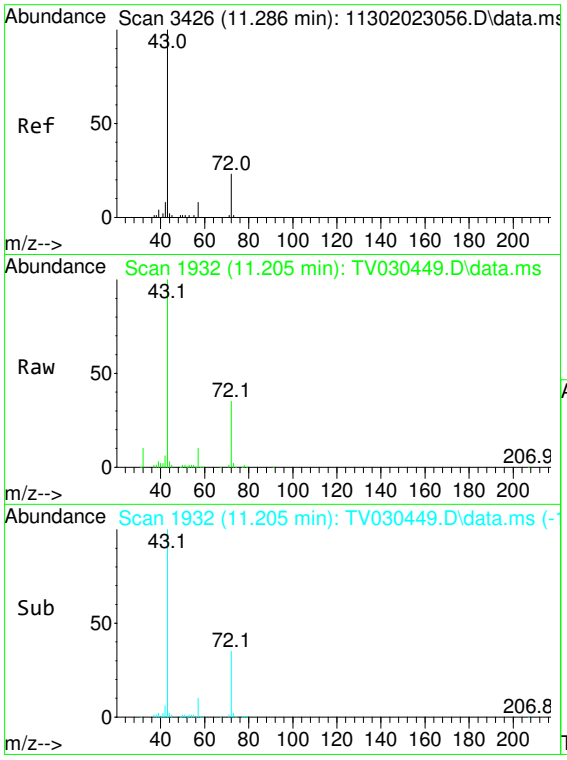


#24
Hexane
Concen: 0.19 ppbv
RT: 10.225 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 57 Resp: 8893

Ion	Ratio	Lower	Upper
57	100		
42	28.0	22.2	46.0
43	53.2	42.9	89.1
56	51.4	33.8	70.2

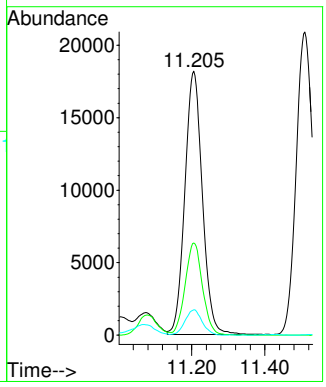


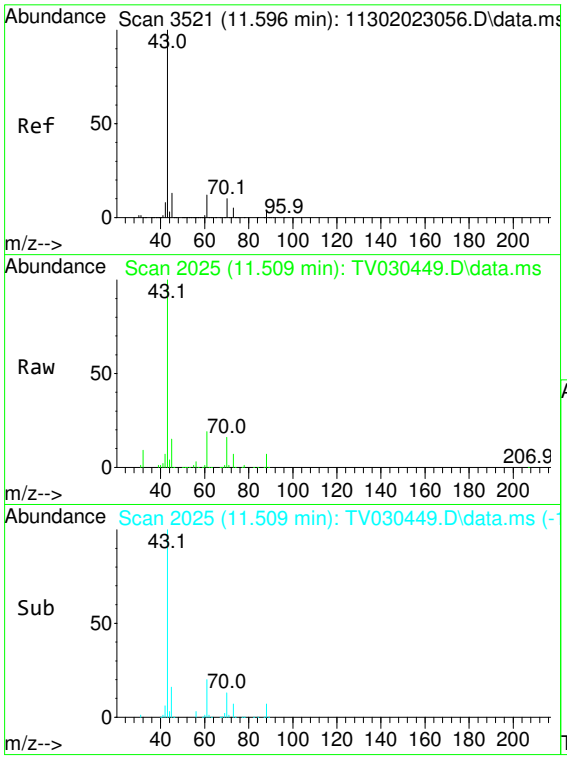


#27
2-Butanone
Concen: 1.13 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 60560

Ion	Ratio	Lower	Upper
43	100		
72	34.9	16.4	34.2#
57	9.5	5.0	10.4

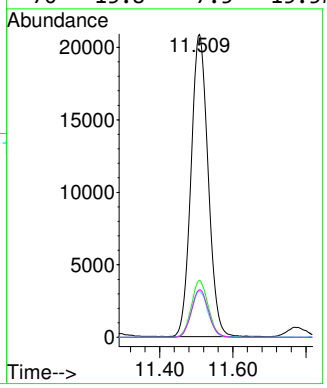


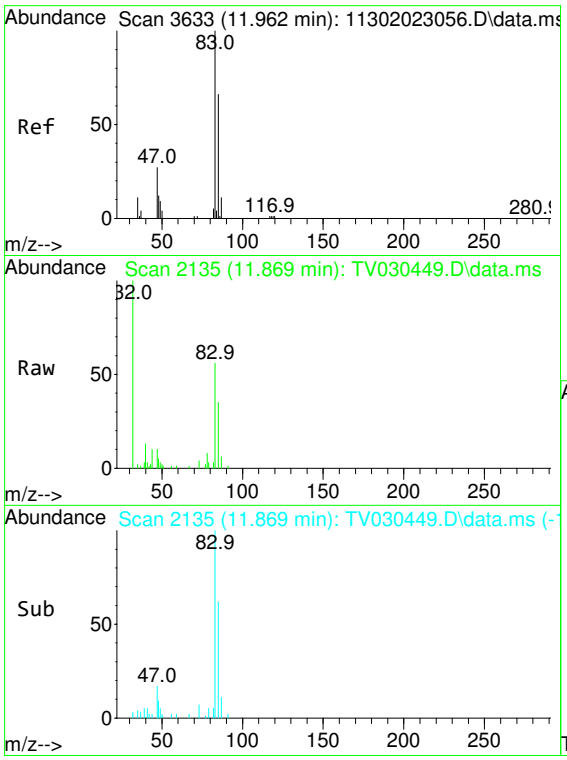


#28
Ethyl Acetate
Concen: 1.11 ppbv
RT: 11.509 min Scan# 2025
Delta R.T. -0.010 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 68068

Ion	Ratio	Lower	Upper
43	100		
61	18.8	9.2	19.2
45	15.2	9.4	19.6
70	15.8	7.5	15.5#

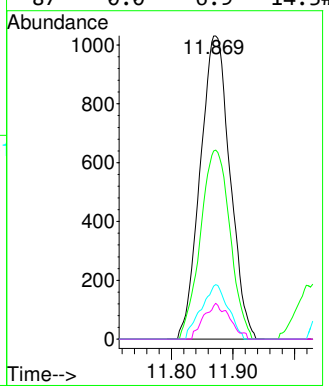


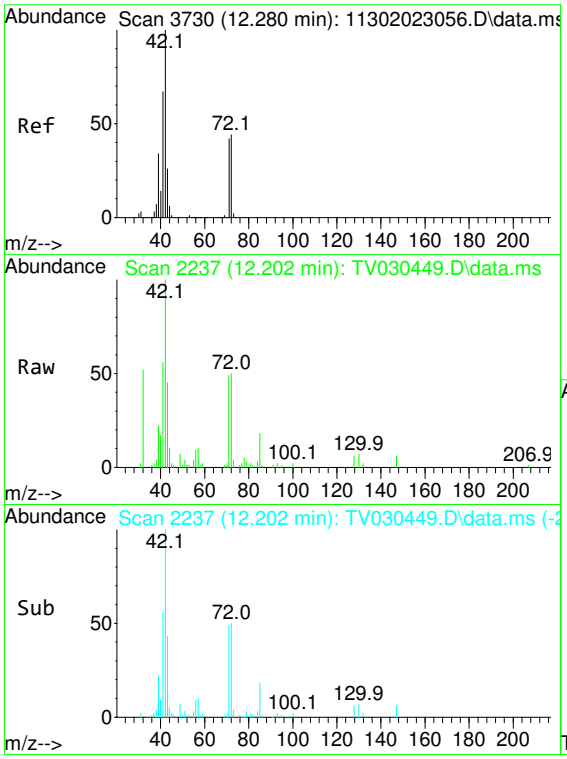


#30
Chloroform
Concen: 0.05 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 83 Resp: 3454

Ion	Ratio	Lower	Upper
83	100		
85	62.2	42.2	87.6
47	16.2	14.8	30.8
87	0.0	6.9	14.3#

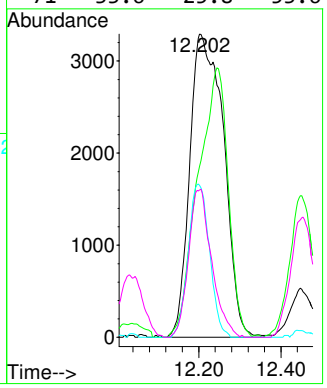


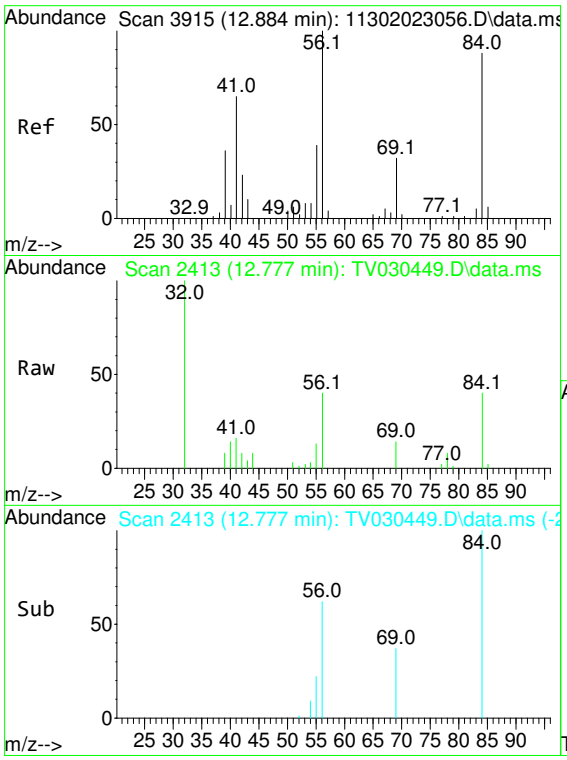


#31
Tetrahydrofuran
Concen: 0.63 ppbv
RT: 12.202 min Scan# 2237
Delta R.T. 0.000 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 42 Resp: 18759

Ion	Ratio	Lower	Upper
42	100		
41	79.8	34.5	71.7#
72	31.9	27.4	56.8
71	33.6	25.8	53.6

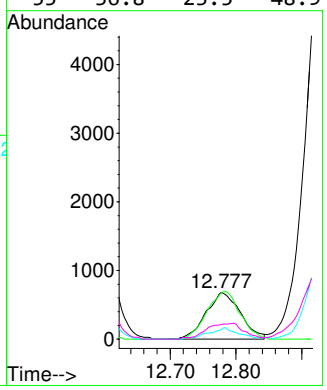


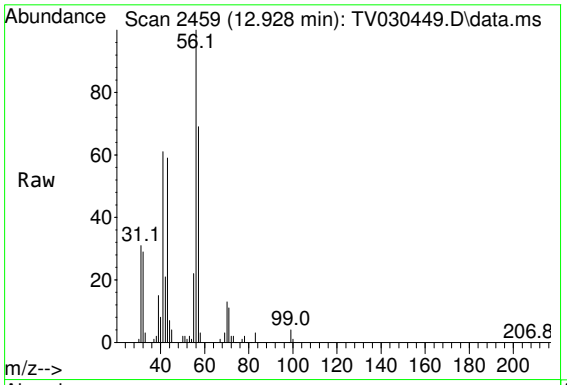


#33
Cyclohexane
Concen: 0.05 ppbv
RT: 12.777 min Scan# 2413
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 56 Resp: 2459

Ion	Ratio	Lower	Upper
56	100		
84	98.8	56.4	117.0
42	22.3	15.3	31.7
55	36.8	23.5	48.9

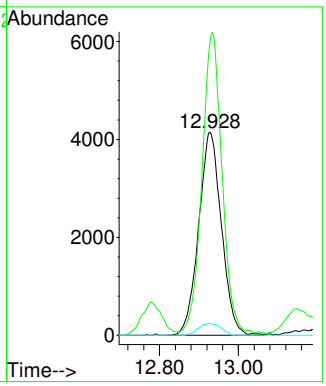


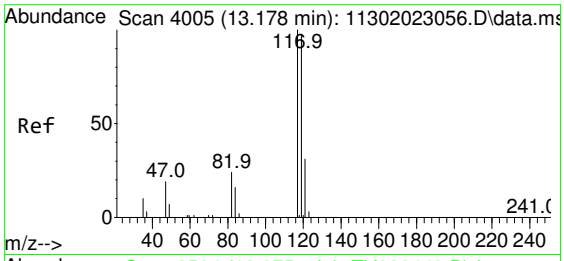


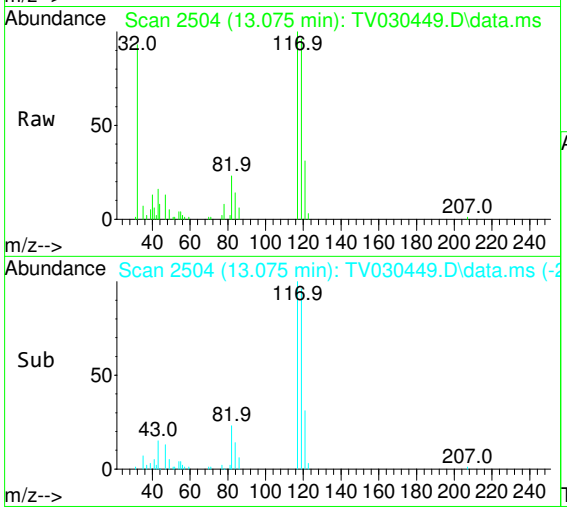
#34
2,2,4-Trimethylpentane
Concen: 0.12 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 57 Resp: 16623

Ion	Ratio	Lower	Upper
57	100		
56	129.7	24.5	45.5#
99	5.8	3.5	6.5



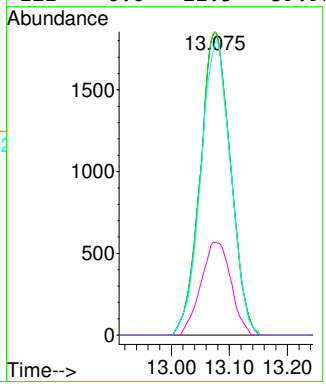


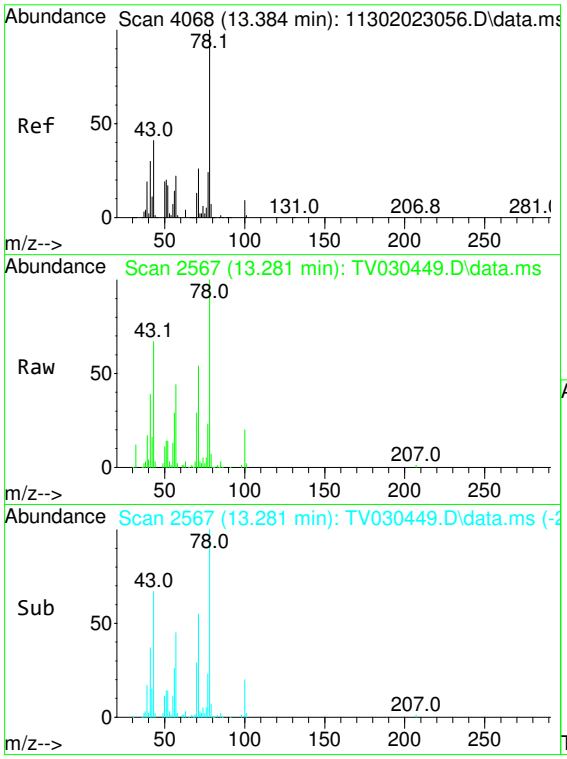


#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:117 Resp: 6684

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	96.4	76.5	114.7
121	0.0	21.5	39.9#

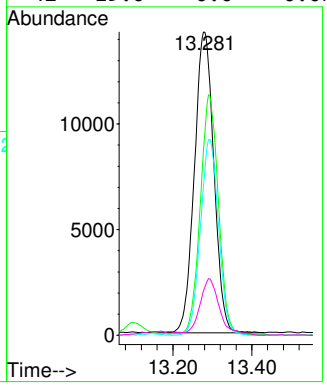


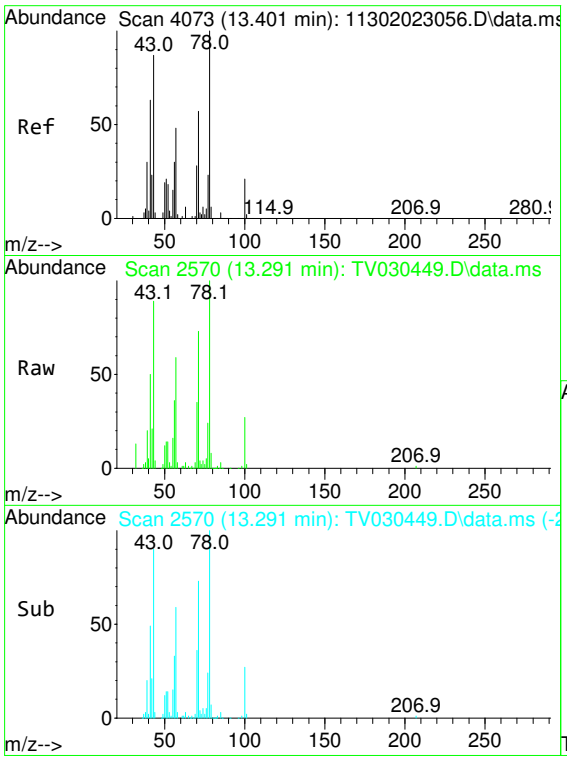


#37
Benzene
Concen: 0.48 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 78 Resp: 48710

Ion	Ratio	Lower	Upper
78	100		
43	75.1	0.0	0.0#
71	61.0	0.0	0.0#
42	19.0	0.0	0.0#

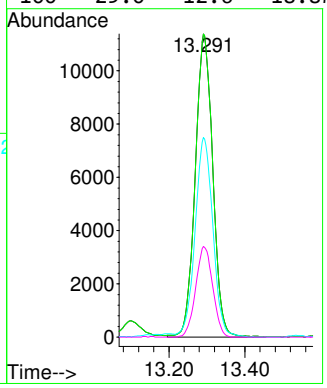


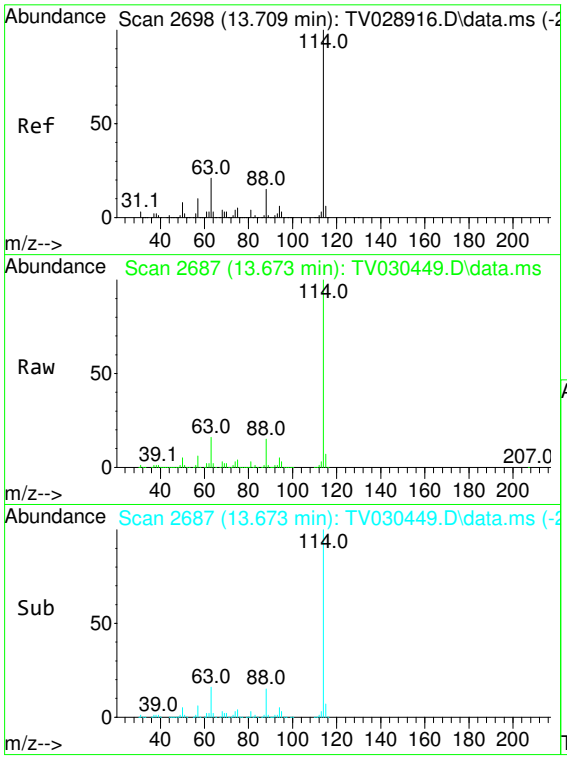


#38
n-Heptane
Concen: 0.81 ppbv
RT: 13.291 min Scan# 2570
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 36577

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	68.6	39.8	59.8#
100	29.0	12.6	18.8#

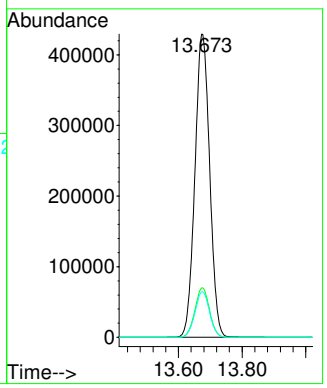


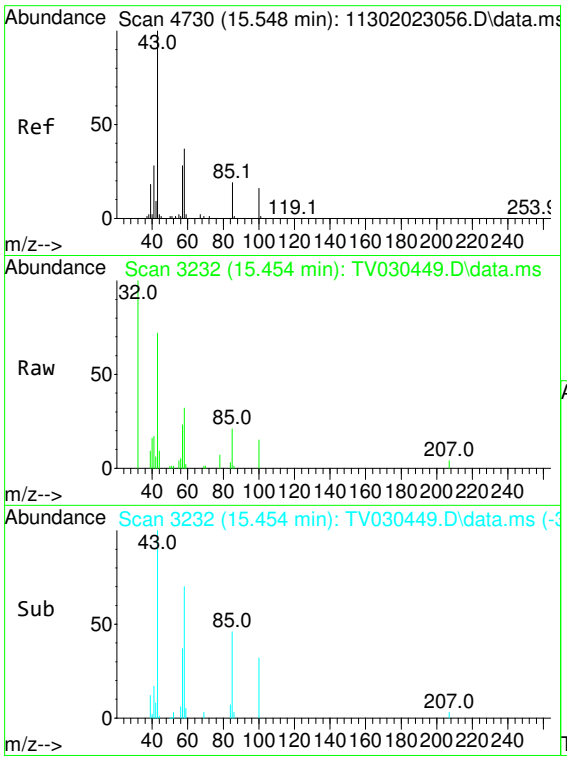


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.673 min Scan# 2687
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:114 Resp: 1380004

Ion	Ratio	Lower	Upper
114	100		
63	16.3	14.0	29.2
88	14.9	11.2	23.2

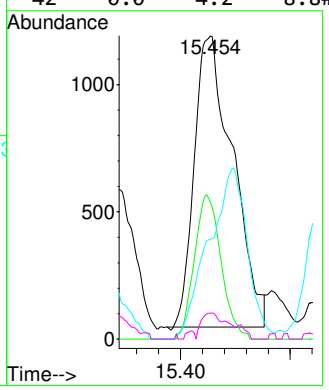


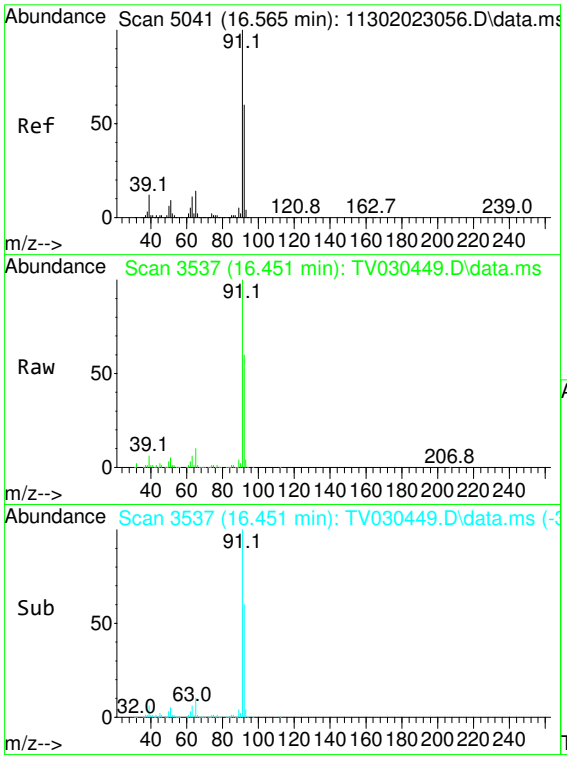


#45
Methyl Isobutyl Ketone
Concen: 0.08 ppbv
RT: 15.454 min Scan# 3232
Delta R.T. 0.000 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 5582

Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.3	52.5
57	58.8	16.1	33.5#
42	0.0	4.2	8.8#

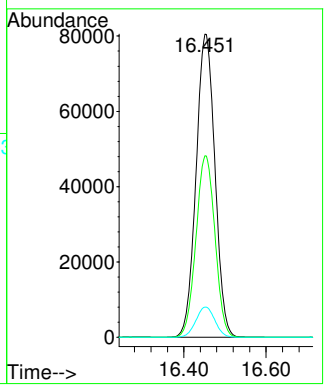


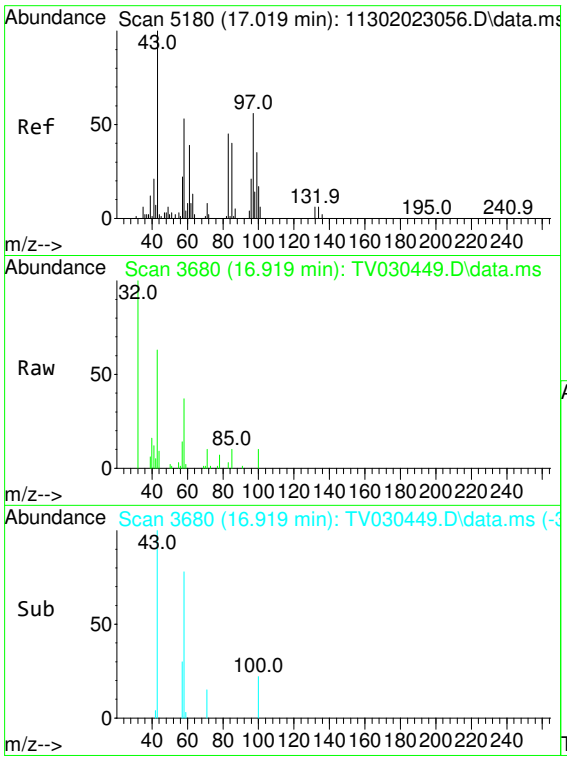


#47
Toluene
Concen: 1.81 ppbv
RT: 16.451 min Scan# 3537
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 91 Resp: 256036

Ion	Ratio	Lower	Upper
91	100		
92	60.4	39.0	81.0
65	10.1	7.7	16.1

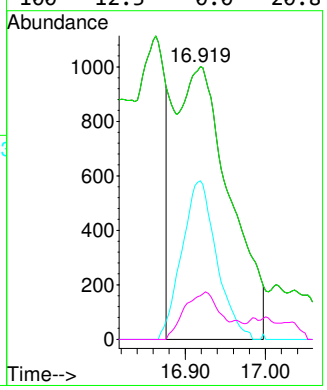


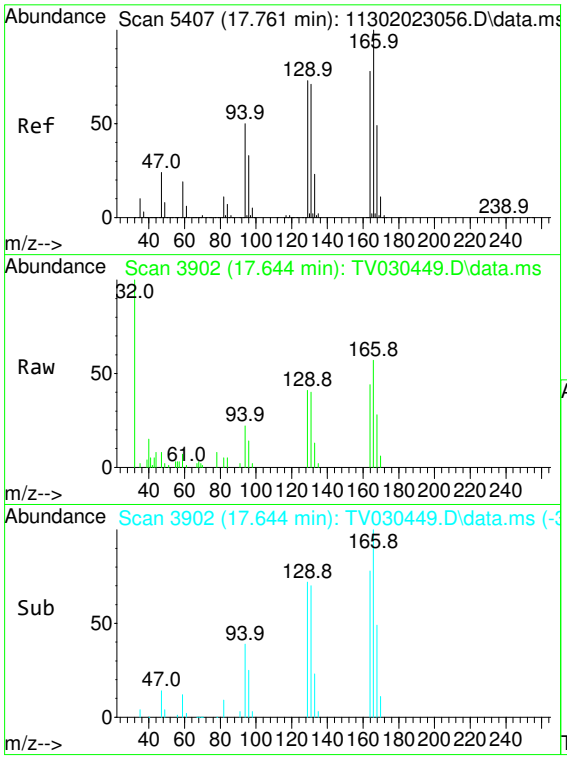


#50
2-Hexanone
Concen: 0.08 ppbv m
RT: 16.919 min Scan# 3680
Delta R.T. -0.007 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 43 Resp: 4825

Ion	Ratio	Lower	Upper
43	100		
43	80.0	80.0	120.0
58	36.3	43.4	65.2#
100	12.3	0.0	20.8

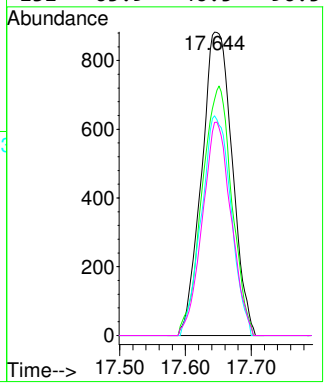


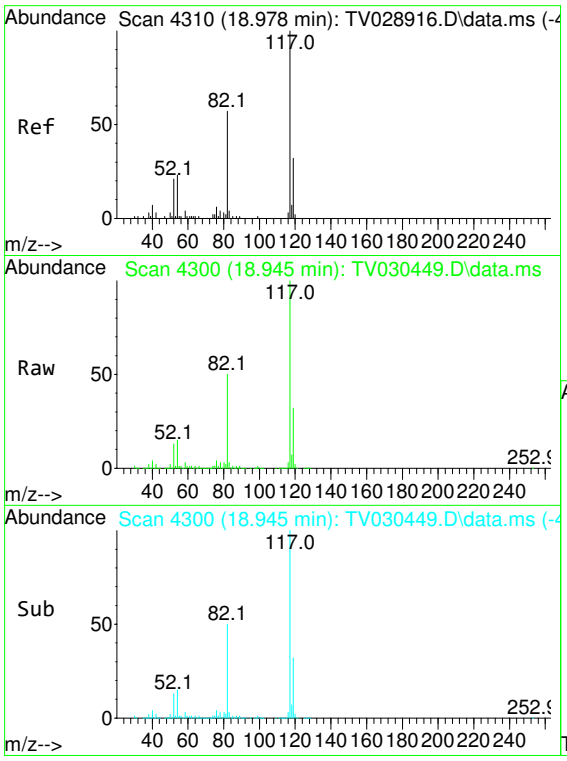


#52
Tetrachloroethylene
Concen: 0.04 ppbv
RT: 17.644 min Scan# 3902
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:166 Resp: 2856

Ion	Ratio	Lower	Upper
166	100		
164	79.9	51.4	106.8
129	70.0	47.0	97.6
131	65.9	46.5	96.5

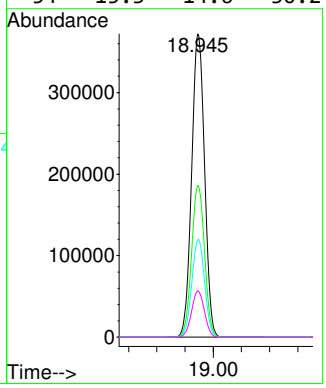


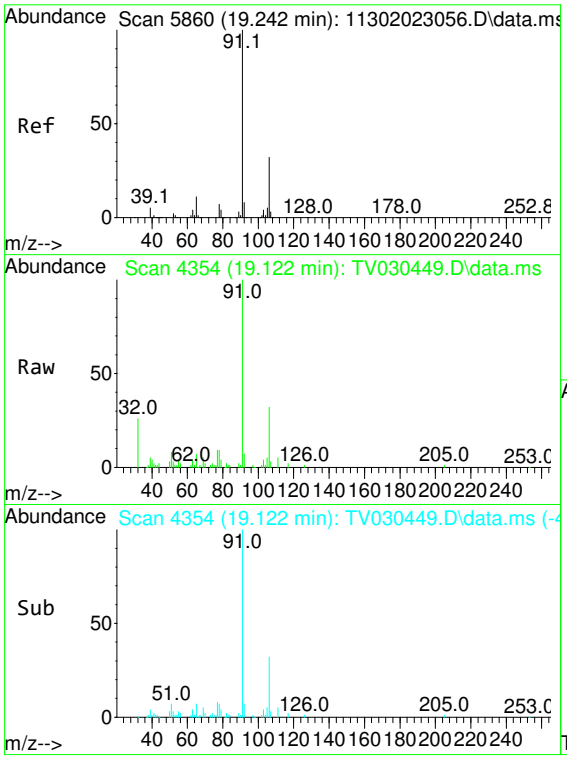


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:117 Resp: 1181636

Ion	Ratio	Lower	Upper
117	100		
82	50.3	38.7	80.5
119	32.2	20.3	42.3
54	15.3	14.6	30.2

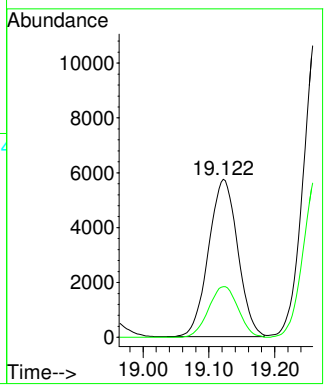


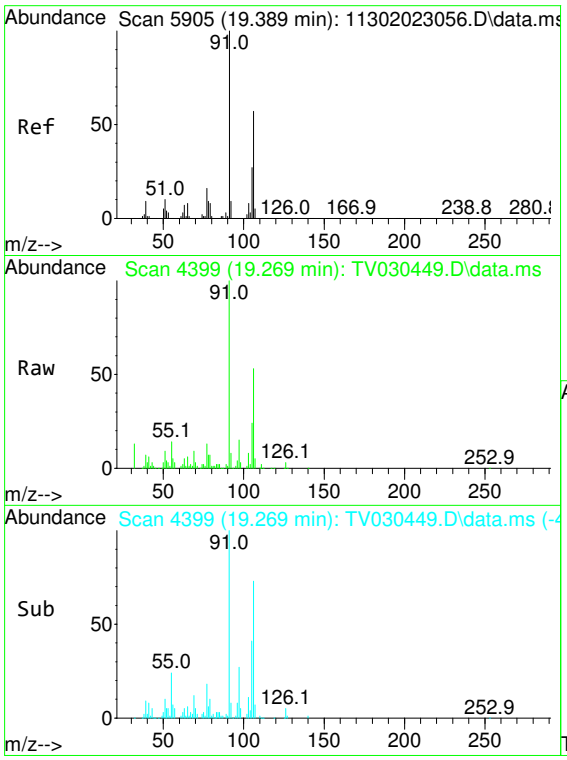


#58
Ethylbenzene
Concen: 0.10 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 91 Resp: 17715

Ion	Ratio	Lower	Upper
91	100		
106	32.6	20.3	42.3

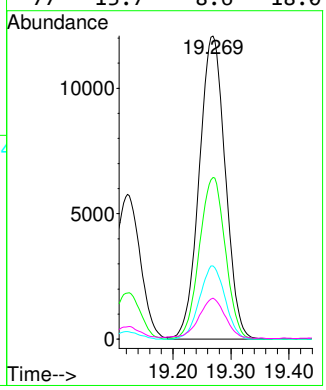


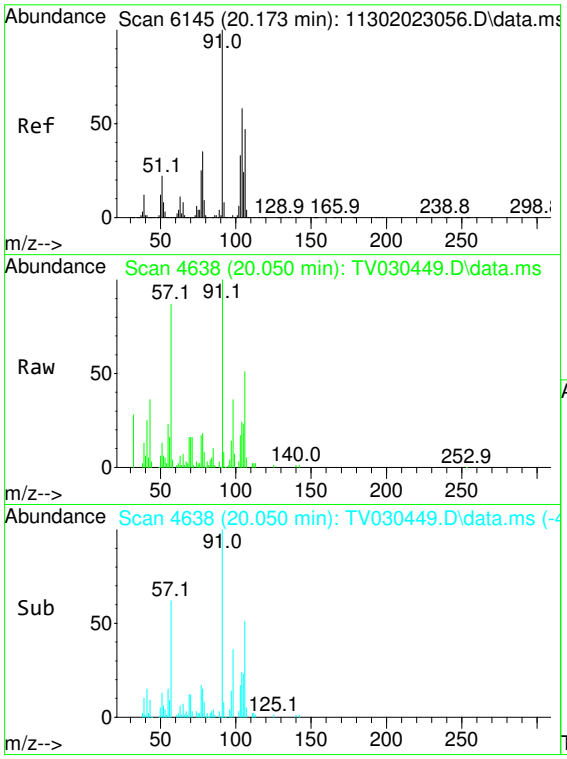


#59
p- & m-Xylenes
Concen: 0.29 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 91 Resp: 37668

Ion	Ratio	Lower	Upper
91	100		
106	53.1	31.0	64.4
105	23.6	13.4	27.8
77	13.7	8.6	18.0

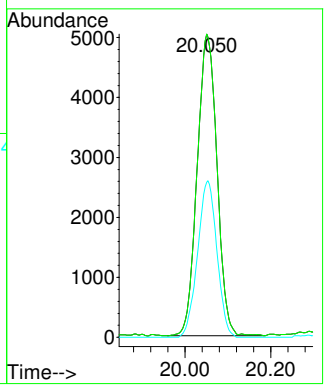


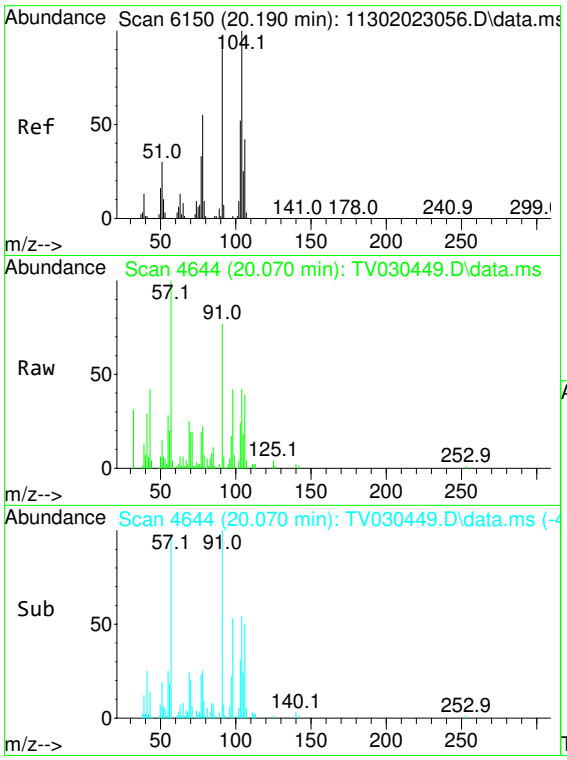


#60
o-Xylene
Concen: 0.12 ppbv
RT: 20.050 min Scan# 4638
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 91 Resp: 16124

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.5	36.9	55.3

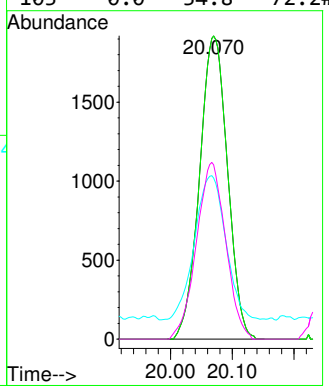


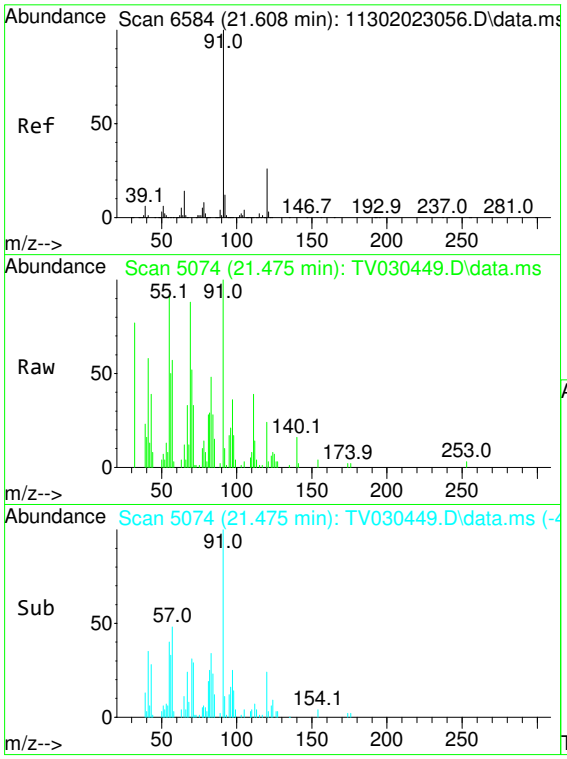


#61
Styrene
Concen: 0.06 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:104 Resp: 6040

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

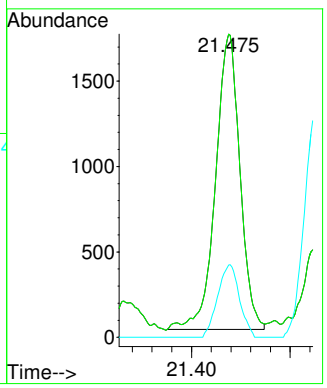


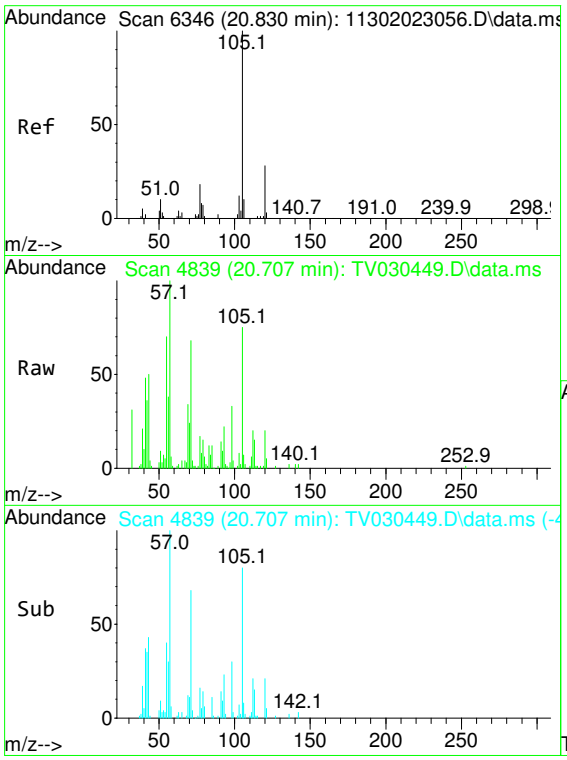


#63
n-Propylbenzene
Concen: 0.03 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 91 Resp: 5939

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	21.9	11.0	33.0

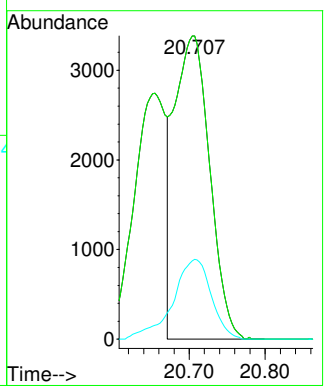


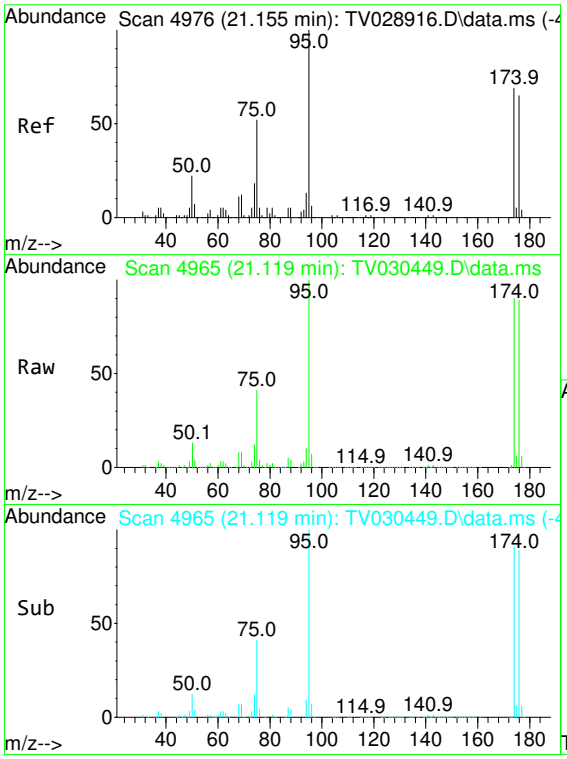


#64
Isopropylbenzene
Concen: 0.06 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:105 Resp: 10963

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	28.7	13.1	39.1

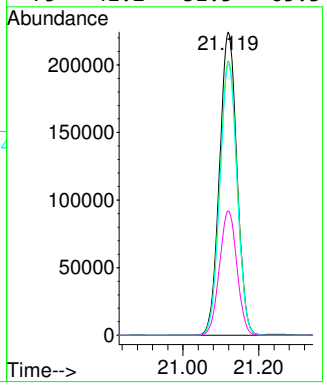


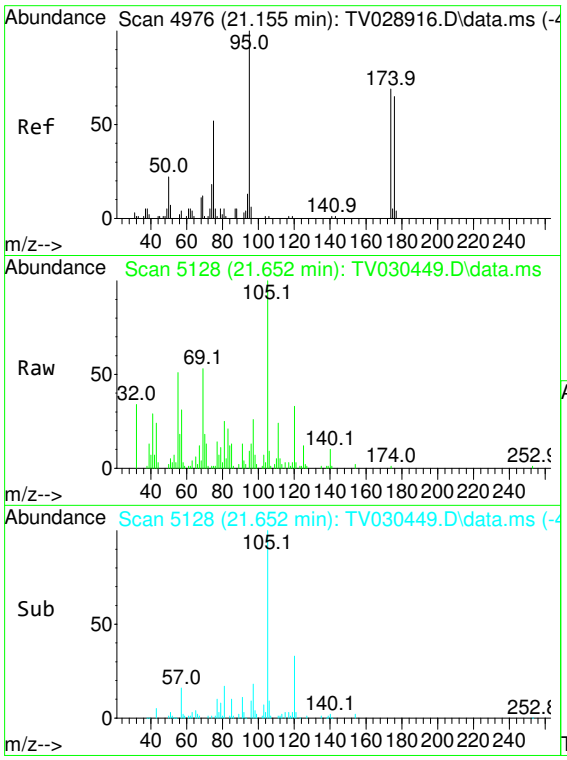


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion: 95 Resp: 714683

Ion	Ratio	Lower	Upper
95	100		
174	91.1	50.0	103.8
176	89.0	48.2	100.2
75	41.2	31.5	65.3

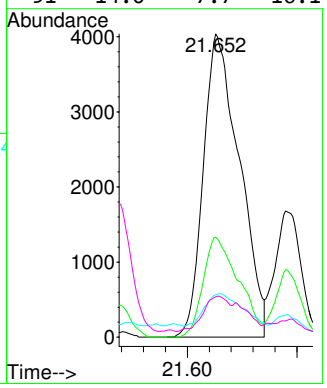


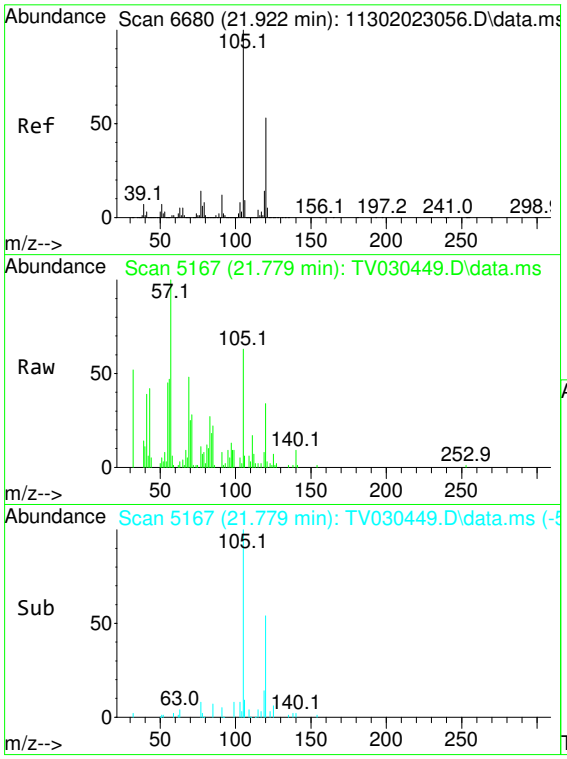


#67
4-Ethyltoluene
Concen: 0.10 ppbv
RT: 21.652 min Scan# 5128
Delta R.T. -0.059 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:105 Resp: 18417

Ion	Ratio	Lower	Upper
105	100		
120	32.6	17.2	35.6
77	12.1	7.6	15.8
91	14.0	7.7	16.1

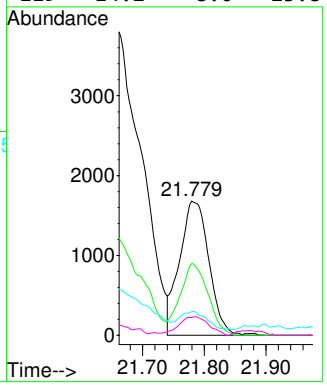


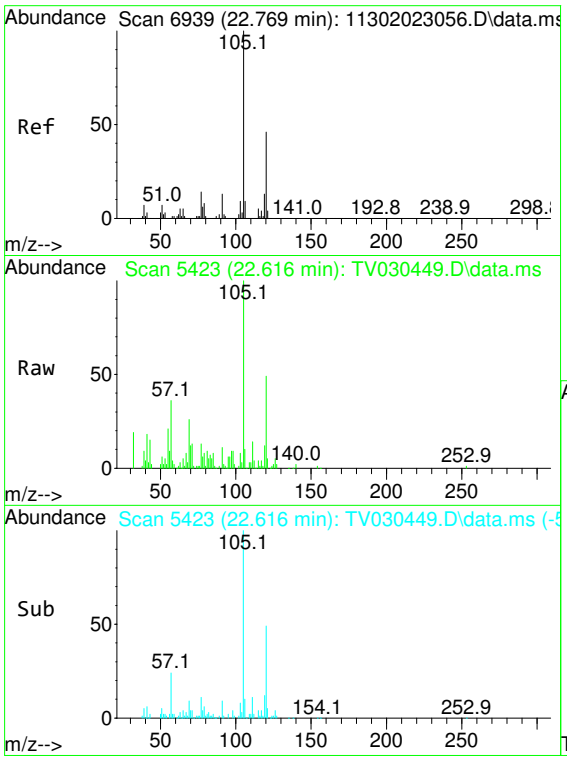


#68
1,3,5-Trimethylbenzene
Concen: 0.04 ppbv
RT: 21.779 min Scan# 5167
Delta R.T. -0.020 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:105 Resp: 5577

Ion	Ratio	Lower	Upper
105	100		
120	50.6	43.4	65.2
77	12.1	10.8	16.2
119	14.2	8.0	23.8

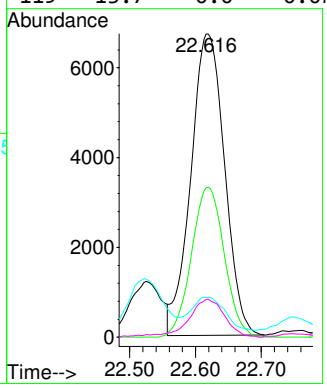


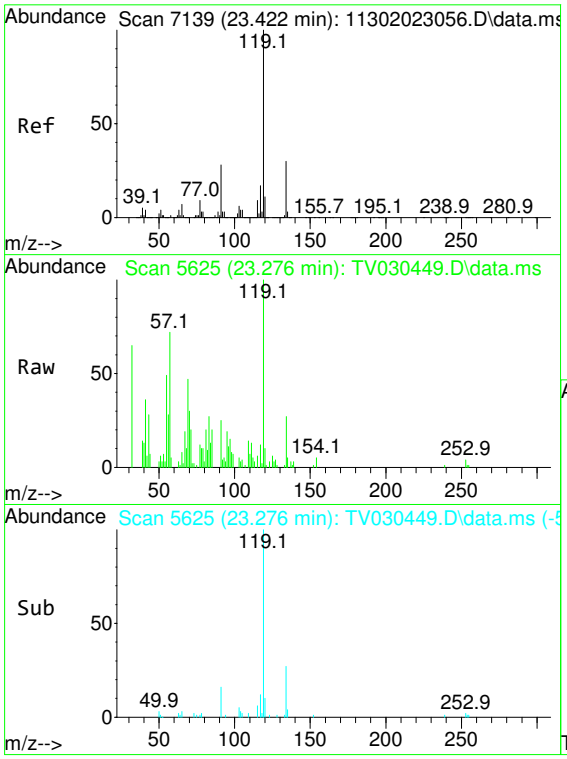


#70
1,2,4-Trimethylbenzene
Concen: 0.15 ppbv
RT: 22.616 min Scan# 5423
Delta R.T. -0.020 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:105 Resp: 23975

Ion	Ratio	Lower	Upper
105	100		
120	48.3	29.0	60.2
77	11.0	8.2	17.0
119	13.7	0.0	0.0#

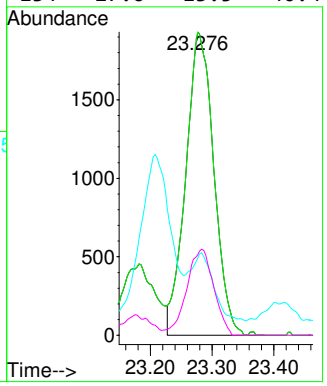


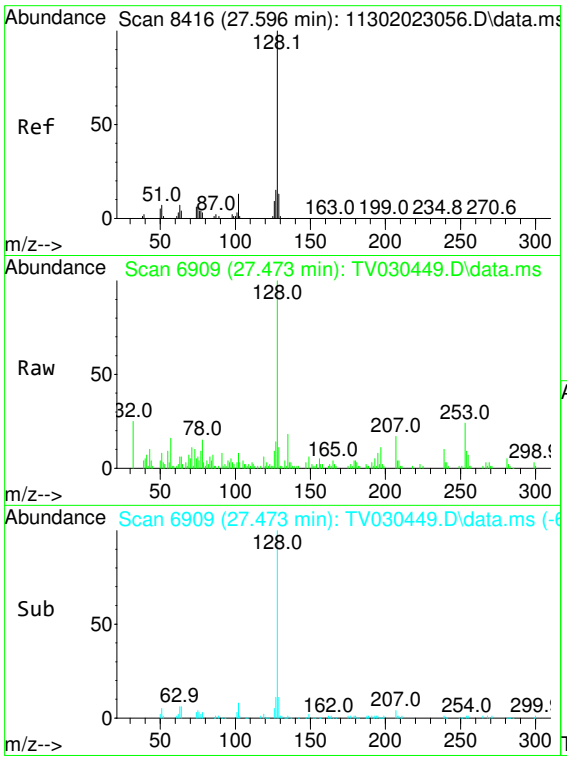


#72
p-Isopropyltoluene
Concen: 0.03 ppbv
RT: 23.276 min Scan# 5625
Delta R.T. -0.020 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:119 Resp: 6103

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	18.5	0.0	0.0#
134	27.6	13.5	40.4

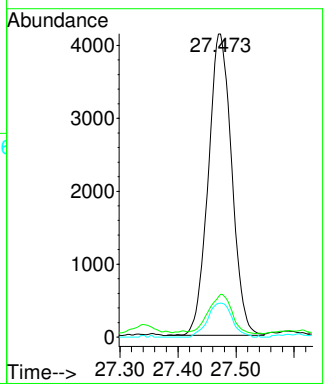




#80
Naphthalene
Concen: 0.06 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030449.D
Acq: 21 Apr 2025 08:44 pm

Tgt Ion:128 Resp: 11592

Ion	Ratio	Lower	Upper
128	100		
127	13.1	8.1	16.9
129	11.8	7.3	15.1



Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID: 25C1721-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
95-63-6	**1,2,4-Trimethylbenzene**	9.9		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
108-67-8	**1,3,5-Trimethylbenzene**	2.5		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
540-84-1	*** 2,2,4-Trimethylpentane**	11		ug/m³	0.35	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
78-93-3	**2-Butanone**	1.9		ug/m³	0.44	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
67-64-1	**Acetone**	33		ug/m³	2.8	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
107-13-1	**Acrylonitrile**	6.7		ug/m³	4.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
71-43-2	**Benzene**	1.9		ug/m³	0.47	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.77	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
74-83-9	Bromomethane	ND		ug/m³	0.57	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-15-0	**Carbon disulfide**	0.78		ug/m³	0.46	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
56-23-5	**Carbon tetrachloride**	0.56		ug/m³	0.23	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR

Sample Information

Client Sample ID: SSV-4 20250326 **York Sample ID: 25C1721-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-00-3	Chloroethane	ND		ug/m³	0.39	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
67-66-3	Chloroform	ND		ug/m³	0.72	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
74-87-3	**Chloromethane**	0.79		ug/m³	0.31	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
110-82-7	**Cyclohexane**	0.56		ug/m³	0.51	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-71-8	**Dichlorodifluoromethane**	2.6		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
141-78-6	*** Ethyl acetate**	1.1		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
100-41-4	**Ethyl Benzene**	13		ug/m³	0.64	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
67-63-0	**Isopropanol**	3.1	CAL-E	ug/m³	2.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.6	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
142-82-5	**n-Heptane**	1.9		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
110-54-3	**n-Hexane**	2.0		ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
95-47-6	**o-Xylene**	6.8		ug/m³	0.64	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
179601-23-1	**p- & m- Xylenes**	19		ug/m³	1.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
622-96-8	*** p-Ethyltoluene**	8.9		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
115-07-1	*** Propylene**	2.1		ug/m³	0.25	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
100-42-5	Styrene	ND		ug/m³	0.63	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.87	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
108-88-3	**Toluene**	15		ug/m³	0.56	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.83	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030456.D
Acq On : 22 Apr 2025 02:08 am
Operator : YR
Sample : 25C1721-07
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.479
InstName : TO15_AIR3

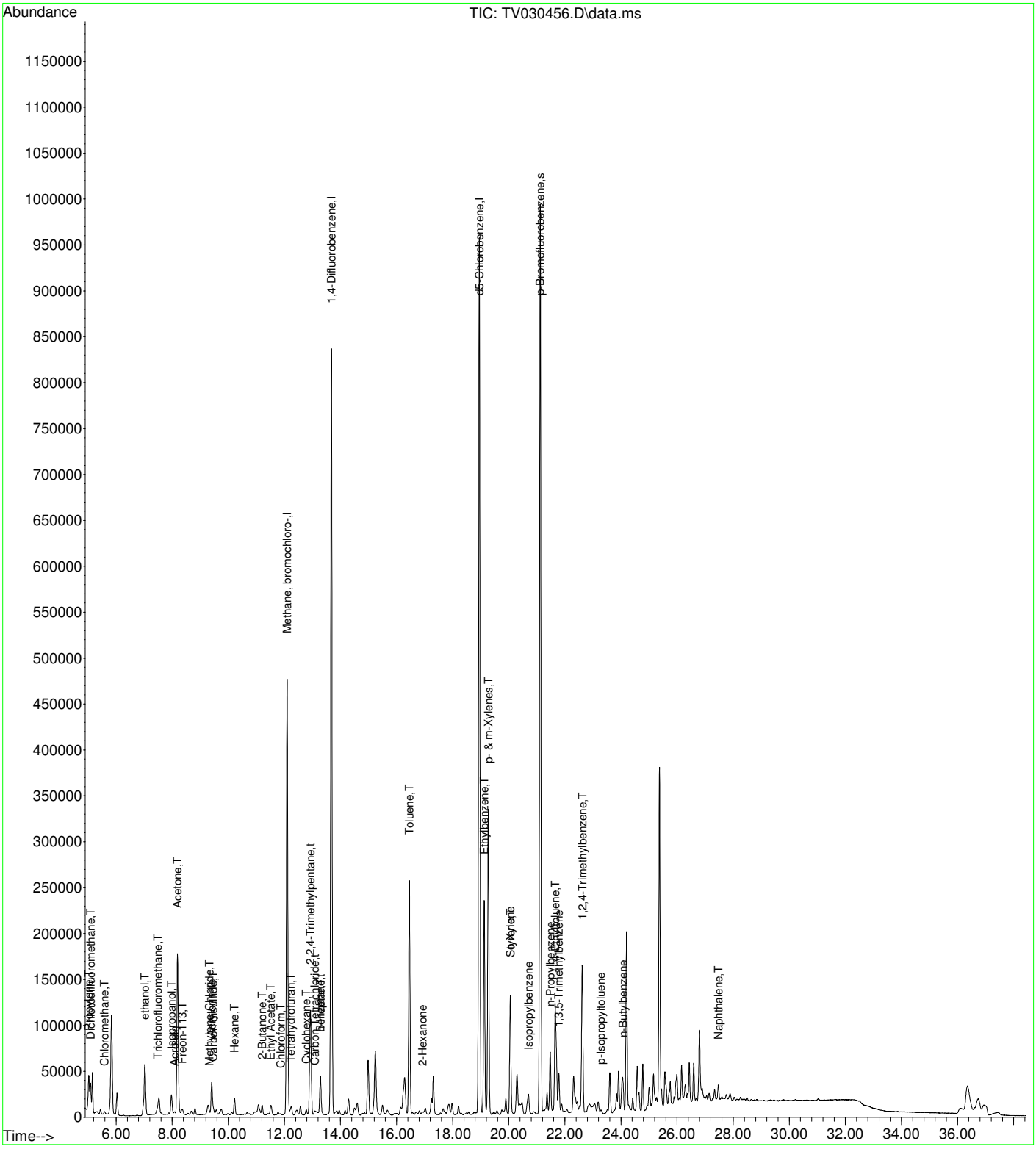
Quant Time: Apr 22 07:19:11 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

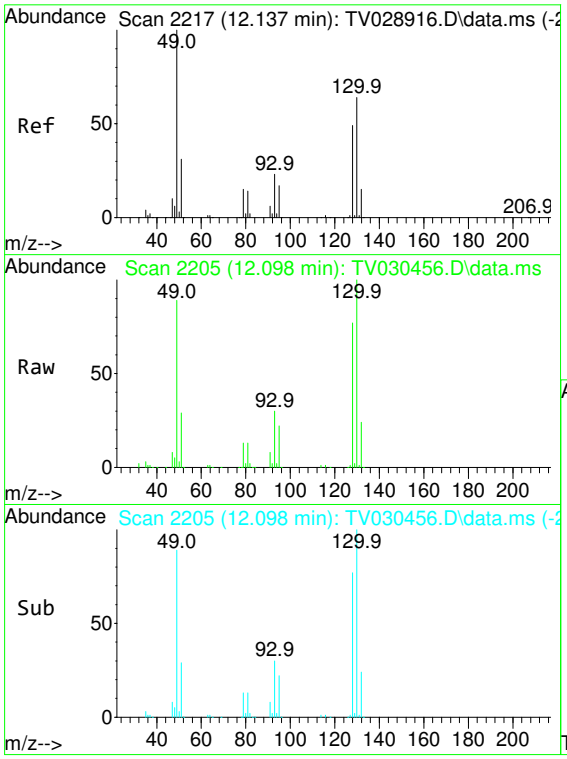
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.098	49	322472	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.673	114	1309708	10.00	ppbv		-0.02
55) d5-Chlorobenzene	18.945	117	1133375	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	691819	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.024	42	11211	0.84	ppbv	#	58
3) Dichlorodifluoromethane	5.096	85	25986	0.35	ppbv		99
5) Chloromethane	5.586	50	5512	0.26	ppbv		100
10) ethanol	7.028	45	63178	4.66	ppbv		89
12) Trichlorofluoromethane	7.485	101	11900	0.17	ppbv		99
13) Isopropanol	7.973	45	49249	0.86	ppbv		100
14) Acrolein	8.087	56	1834	0.15	ppbv	#	100
15) Acetone	8.188	43	362173	9.39	ppbv	#	79
16) Freon-113	8.358	101	3449	0.06	ppbv		91
19) Methylene Chloride	9.332	49	2223	0.08	ppbv	#	1
20) Acrylonitrile	9.407	53	50680	2.09	ppbv	#	100
21) Carbon disulfide	9.463	76	14747	0.17	ppbv		89
24) Hexane	10.221	57	17090	0.39	ppbv		90
27) 2-Butanone	11.208	43	21851	0.43	ppbv	#	85
28) Ethyl Acetate	11.516	43	12250	0.21	ppbv	#	94
30) Chloroform	11.865	83	2159	0.03	ppbv	#	83
31) Tetrahydrofuran	12.222	42	4834	0.17	ppbv	#	68
33) Cyclohexane	12.777	56	5116	0.11	ppbv		90
34) 2,2,4-Trimethylpentane	12.928	57	217193	1.62	ppbv	#	98
35) Carbon Tetrachloride	13.078	117	3453	0.06	ppbv		99
37) Benzene	13.278	78	38638	0.40	ppbv	#	100
38) n-Heptane	13.291	43	13700	0.32	ppbv	#	87
47) Toluene	16.455	91	357259	2.66	ppbv		98
50) 2-Hexanone	16.919	43	5662	0.10	ppbv	#	90
58) Ethylbenzene	19.122	91	330397	2.00	ppbv		97
59) p- & m-Xylenes	19.269	91	367954	2.94	ppbv		93
60) o-Xylene	20.053	91	137539	1.06	ppbv		98
61) Styrene	20.060	104	5348	0.05	ppbv	#	74
63) n-Propylbenzene	21.475	91	105022	0.48	ppbv		99
64) Isopropylbenzene	20.707	105	21245	0.11	ppbv		100
67) 4-Ethyltoluene	21.655	105	221269	1.23	ppbv		92
68) 1,3,5-Trimethylbenzene	21.782	105	51259	0.34	ppbv		97
70) 1,2,4-Trimethylbenzene	22.619	105	210195	1.36	ppbv	#	94
72) p-Isopropyltoluene	23.280	119	4036	0.02	ppbv	#	89
76) n-Butylbenzene	24.077	91	19924	0.12	ppbv	#	94
80) Naphthalene	27.473	128	24757	0.14	ppbv		98

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030456.D
Acq On : 22 Apr 2025 02:08 am
Operator : YR
Sample : 25C1721-07
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.479
InstName : TO15_AIR3

Quant Time: Apr 22 07:19:11 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

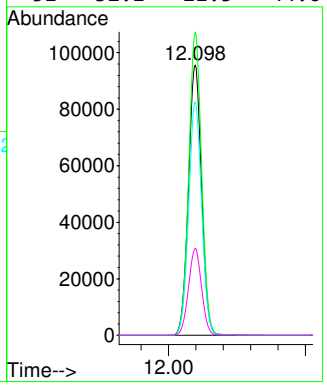


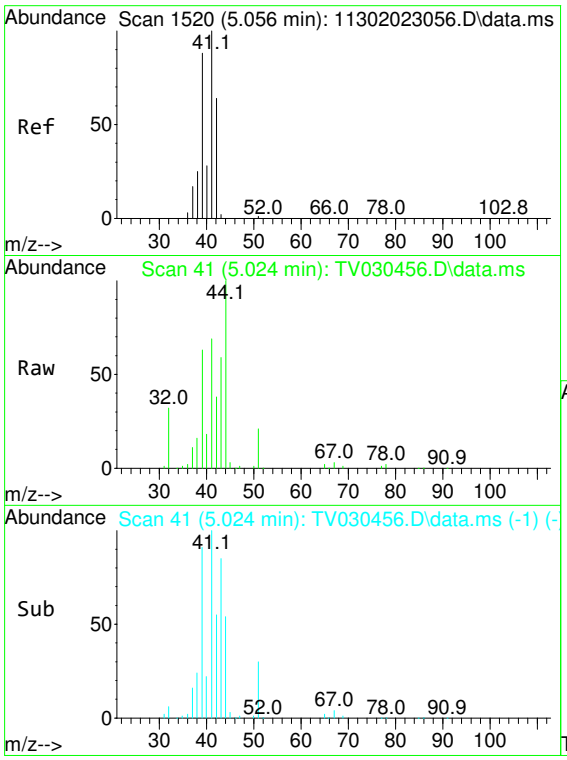


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.098 min Scan# 2205
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 49 Resp: 322472

Ion	Ratio	Lower	Upper
49	100		
130	110.3	44.5	92.3#
128	85.2	34.7	72.1#
51	32.1	21.5	44.6

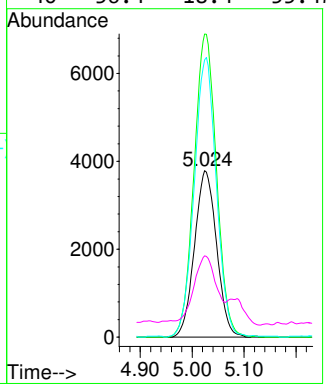


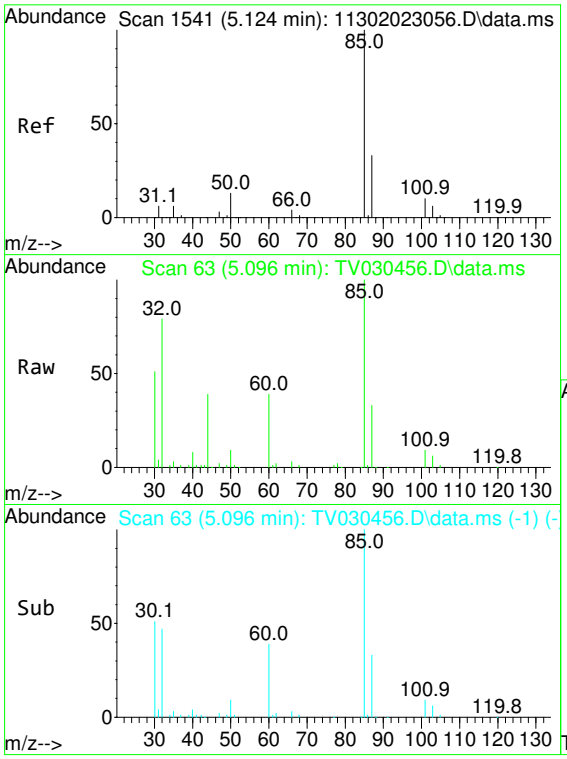


#2
Propylene
Concen: 0.84 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 42 Resp: 11211

Ion	Ratio	Lower	Upper
42	100		
41	184.5	88.9	207.5
39	168.9	52.2	156.6#
40	56.4	18.4	55.4#

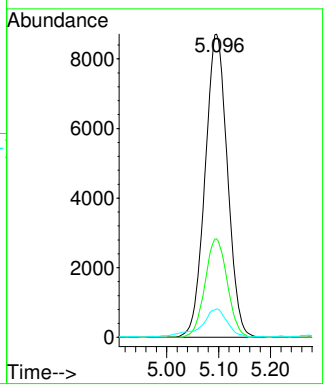


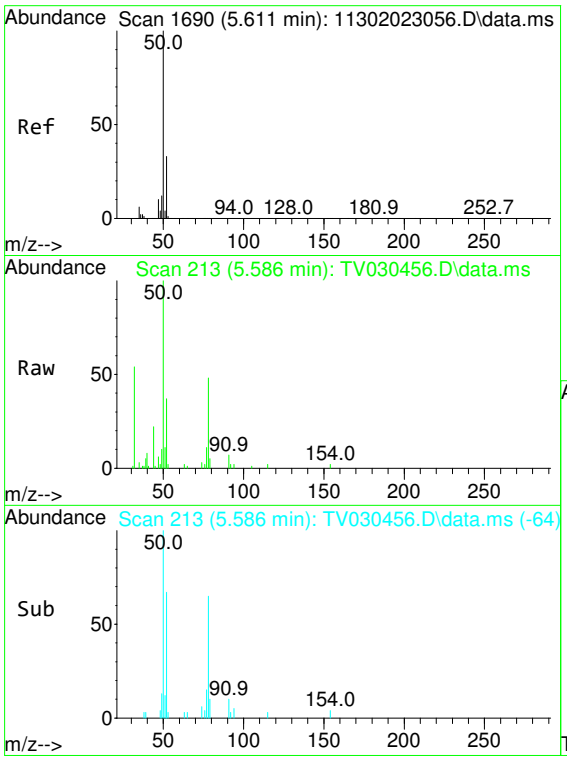


#3
Dichlorodifluoromethane
Concen: 0.35 ppbv
RT: 5.096 min Scan# 63
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 85 Resp: 25986

Ion	Ratio	Lower	Upper
85	100		
87	32.5	21.0	43.6
50	11.3	6.8	14.2

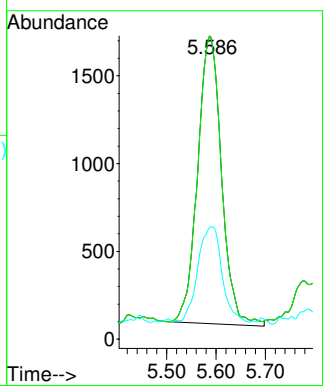


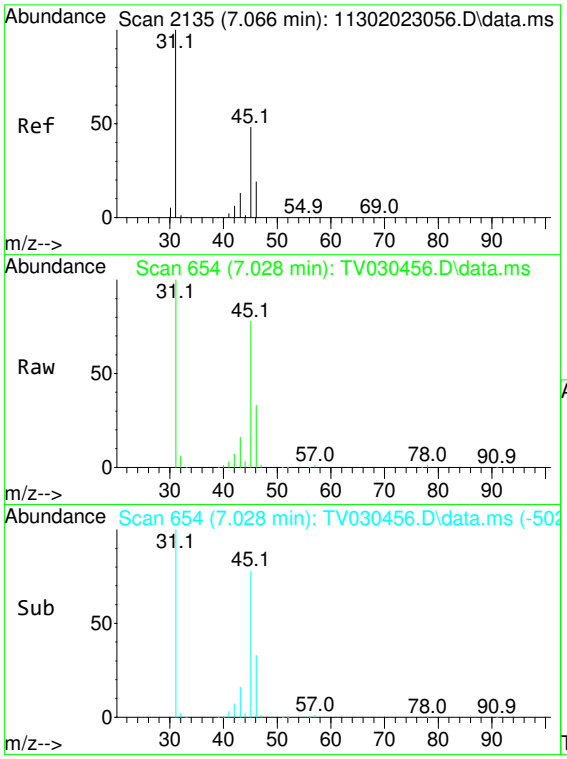


#5
Chloromethane
Concen: 0.26 ppbv
RT: 5.586 min Scan# 213
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 50 Resp: 5512

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	33.5	16.5	49.5

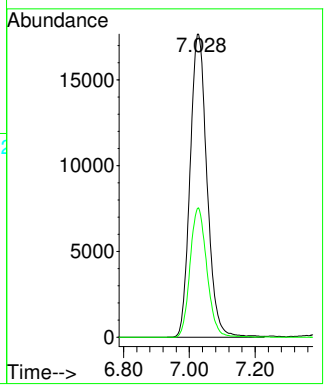


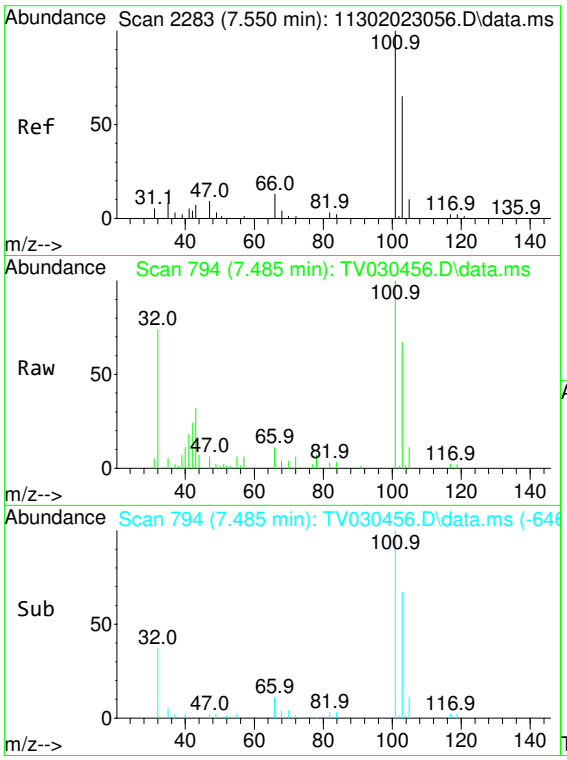


#10
ethanol
Concen: 4.66 ppbv
RT: 7.028 min Scan# 654
Delta R.T. -0.003 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 45 Resp: 63178

Ion	Ratio	Lower	Upper
45	100		
46	42.5	40.0	60.0

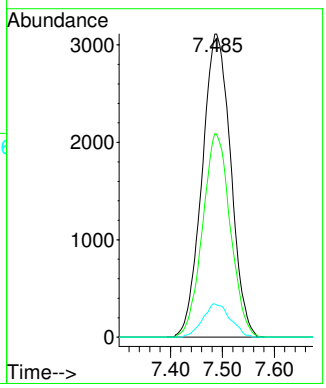


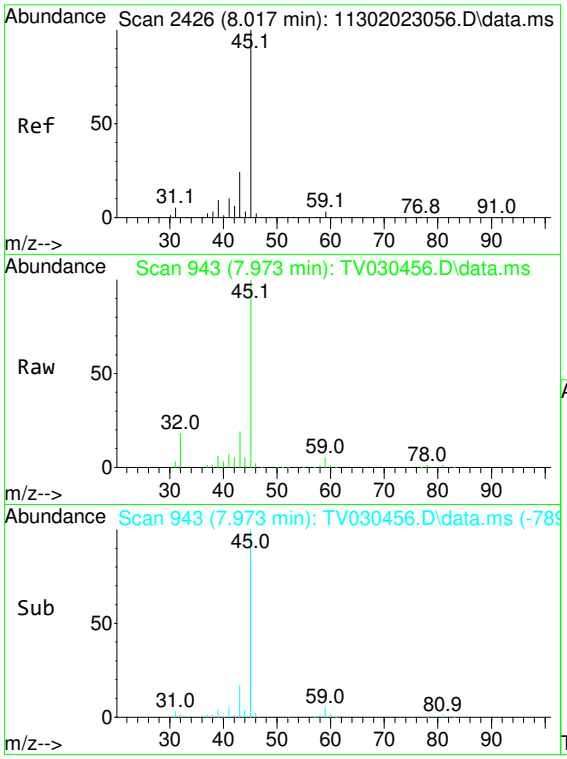


#12
Trichlorofluoromethane
Concen: 0.17 ppbv
RT: 7.485 min Scan# 794
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:101 Resp: 11900

Ion	Ratio	Lower	Upper
101	100		
103	65.2	42.4	88.0
66	10.7	7.9	16.5

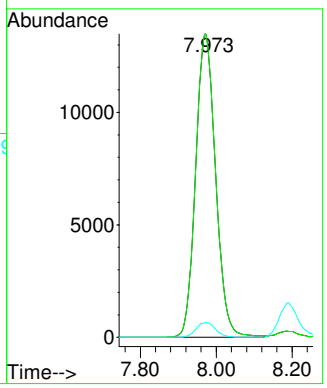


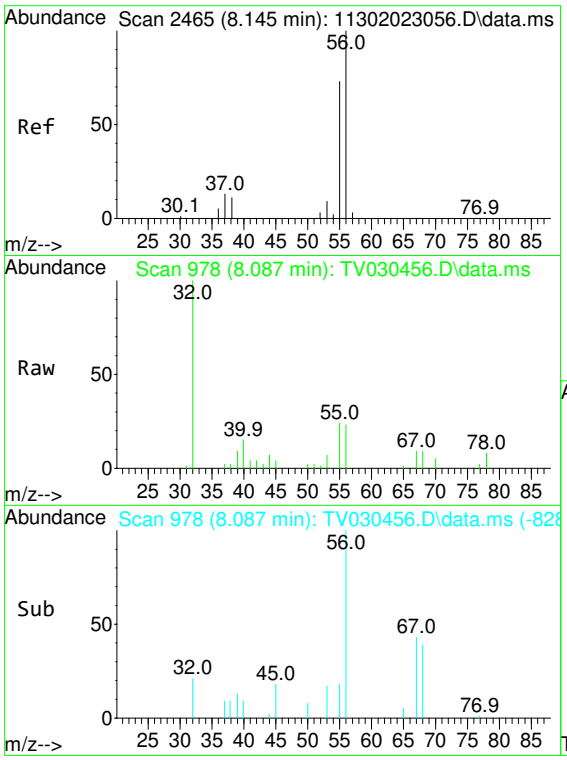


#13
Isopropanol
Concen: 0.86 ppbv
RT: 7.973 min Scan# 943
Delta R.T. 0.003 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 45 Resp: 49249

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

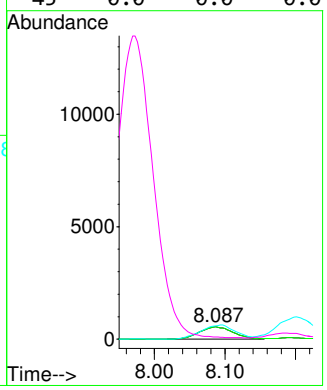


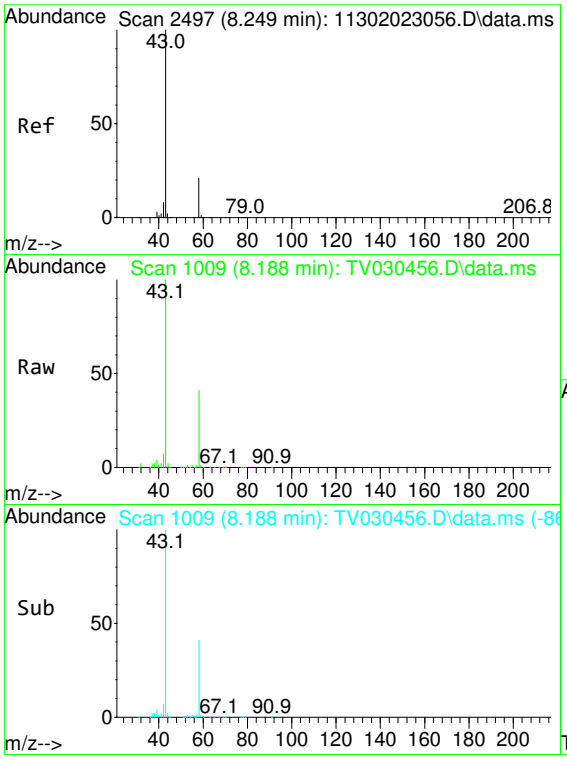


#14
Acrolein
Concen: 0.15 ppbv
RT: 8.087 min Scan# 978
Delta R.T. -0.010 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 56 Resp: 1834

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	116.1	0.0	0.0#
45	0.0	0.0	0.0

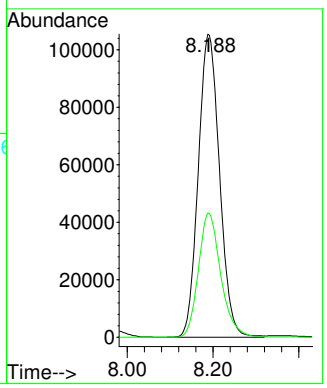


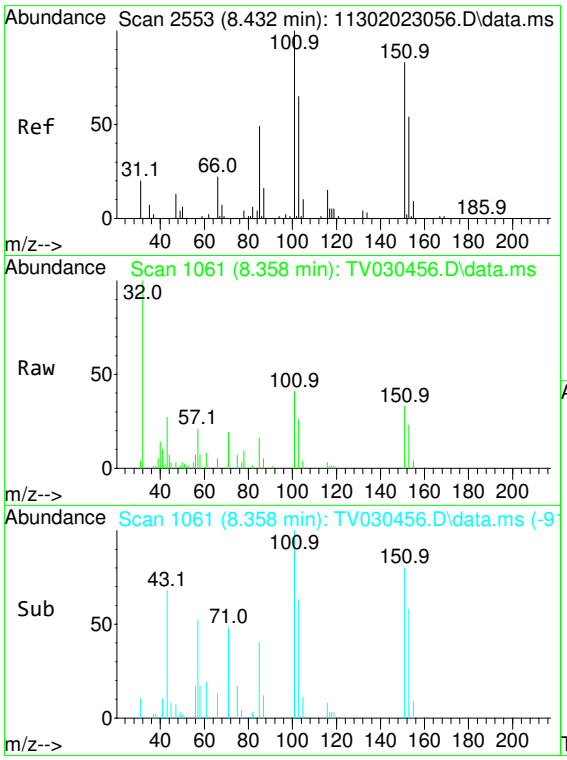


#15
Acetone
Concen: 9.39 ppbv
RT: 8.188 min Scan# 1009
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 43 Resp: 362173

Ion	Ratio	Lower	Upper
43	100		
58	43.3	20.7	42.9#

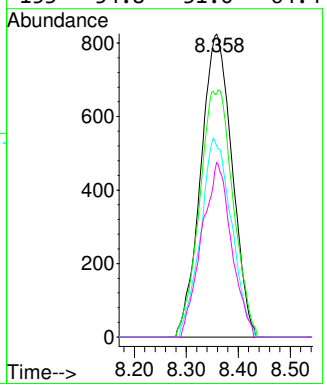


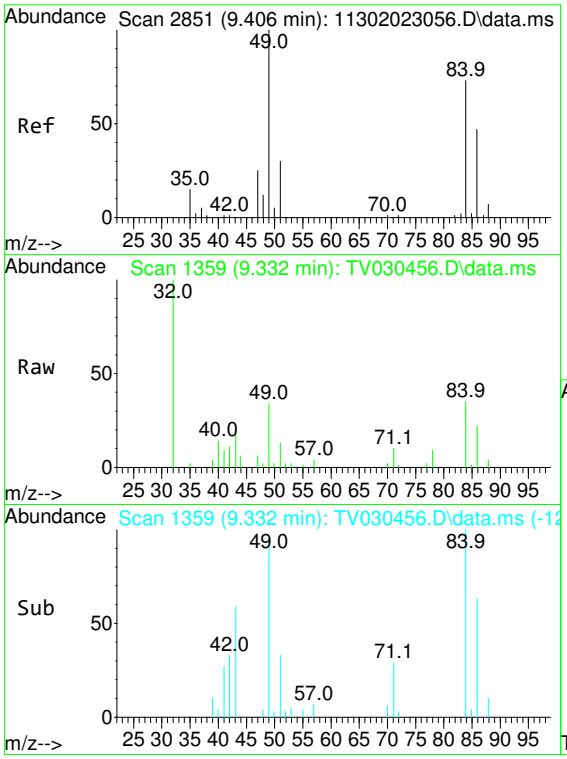


#16
Freon-113
Concen: 0.06 ppbv
RT: 8.358 min Scan# 1061
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:101 Resp: 3449

Ion	Ratio	Lower	Upper
101	100		
151	87.4	48.6	100.8
103	64.7	42.0	87.2
153	54.8	31.0	64.4

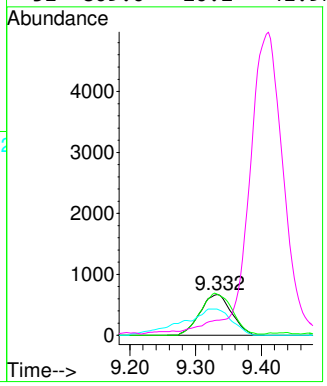


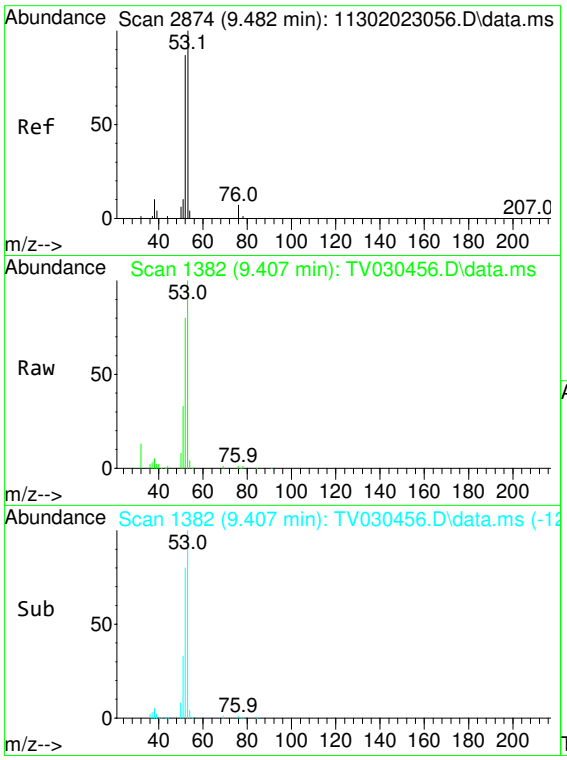


#19
Methylene Chloride
Concen: 0.08 ppbv
RT: 9.332 min Scan# 1359
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 49 Resp: 2223

Ion	Ratio	Lower	Upper
49	100		
84	106.1	50.1	104.0#
86	100.6	32.2	66.8#
51	809.0	20.2	41.9#

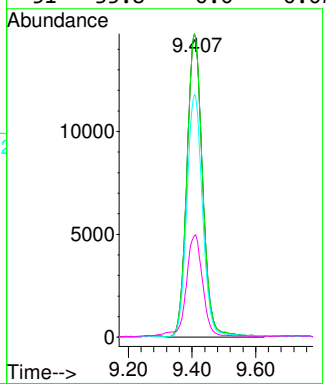


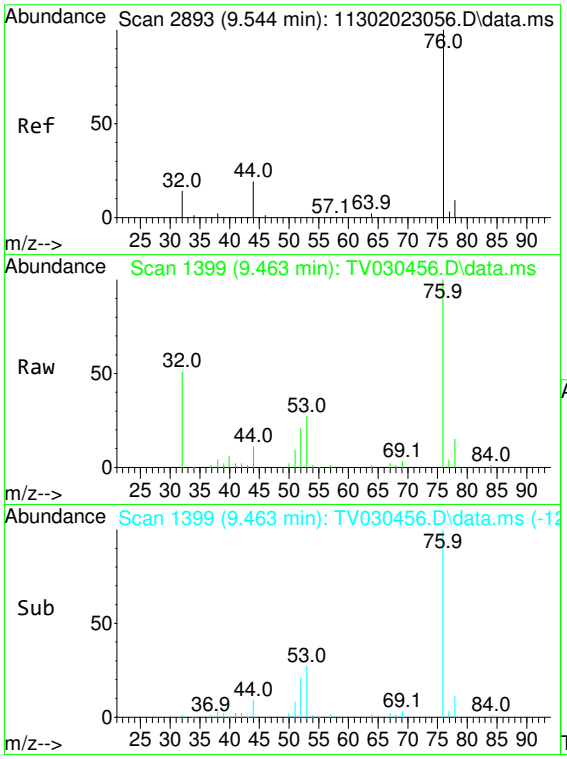


#20
Acrylonitrile
Concen: 2.09 ppbv
RT: 9.407 min Scan# 1382
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 53 Resp: 50680

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	35.8	0.0	0.0#

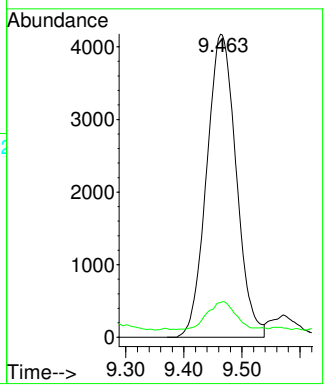


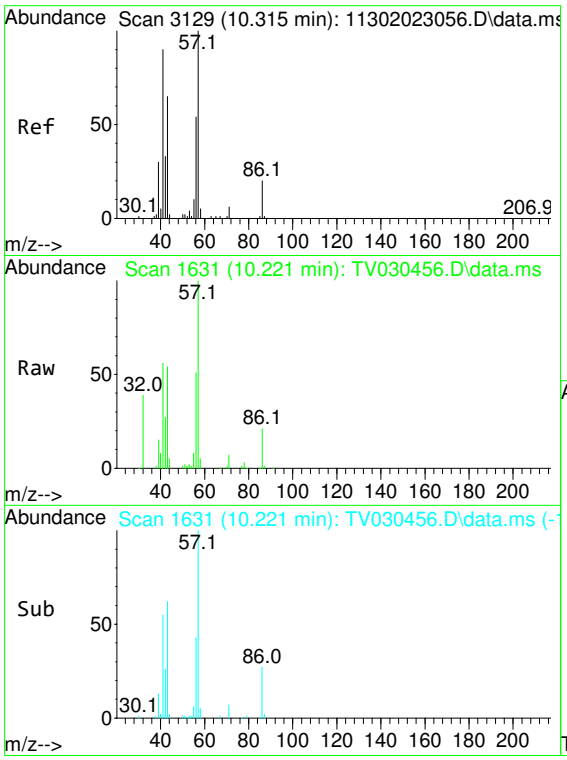


#21
Carbon disulfide
Concen: 0.17 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 76 Resp: 14747

Ion	Ratio	Lower	Upper
76	100		
44	8.5	8.4	17.4

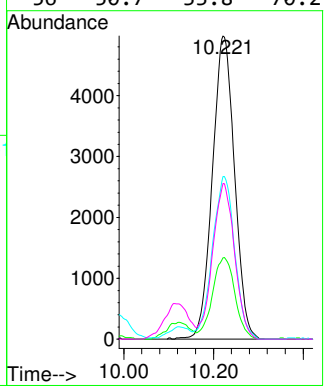


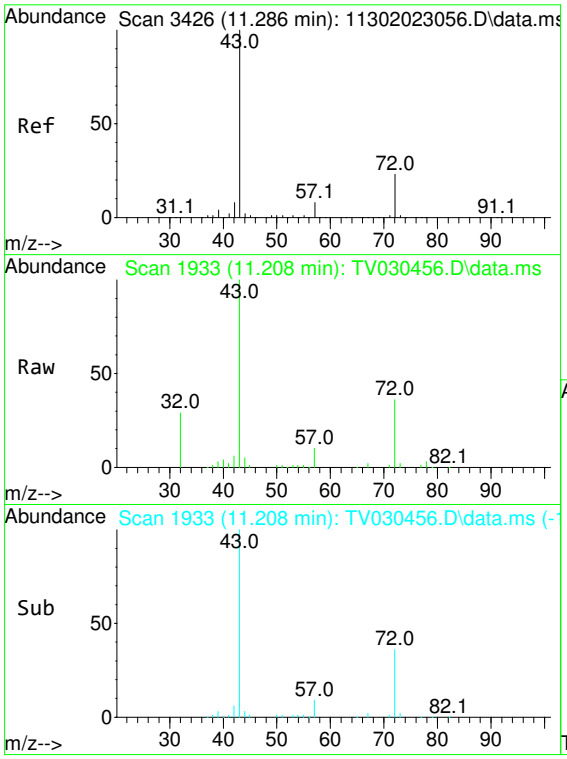


#24
Hexane
Concen: 0.39 ppbv
RT: 10.221 min Scan# 1631
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 57 Resp: 17090

Ion	Ratio	Lower	Upper
57	100		
42	27.4	22.2	46.0
43	54.3	42.9	89.1
56	50.7	33.8	70.2

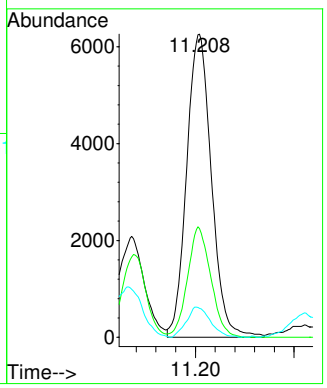


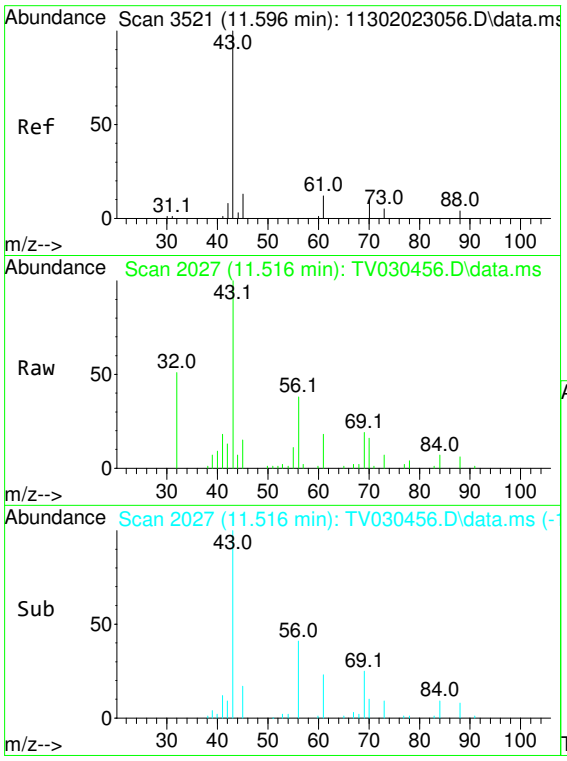


#27
2-Butanone
Concen: 0.43 ppbv
RT: 11.208 min Scan# 1933
Delta R.T. -0.003 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 43 Resp: 21851

Ion	Ratio	Lower	Upper
43	100		
72	34.2	16.4	34.2#
57	9.6	5.0	10.4

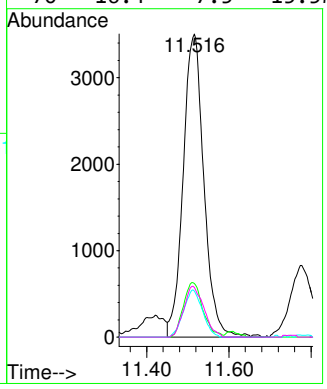


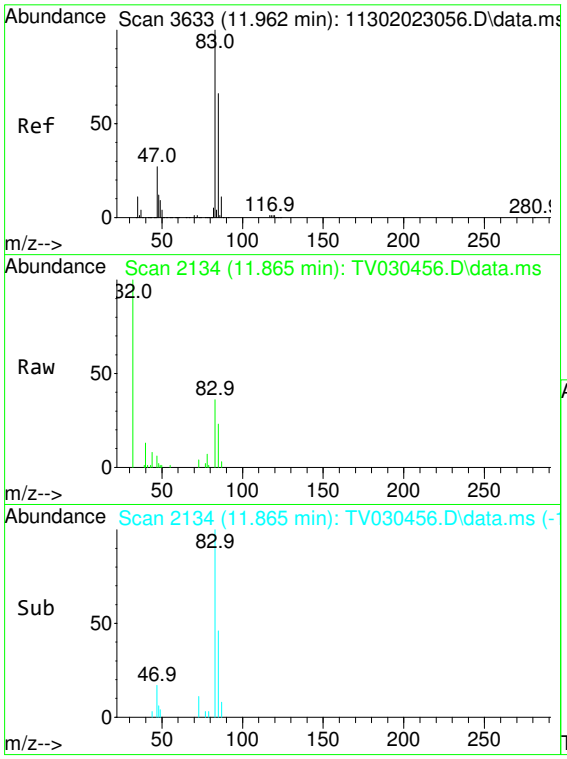


#28
Ethyl Acetate
Concen: 0.21 ppbv
RT: 11.516 min Scan# 2027
Delta R.T. -0.003 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 43 Resp: 12250

Ion	Ratio	Lower	Upper
43	100		
61	17.0	9.2	19.2
45	14.3	9.4	19.6
70	16.4	7.5	15.5#

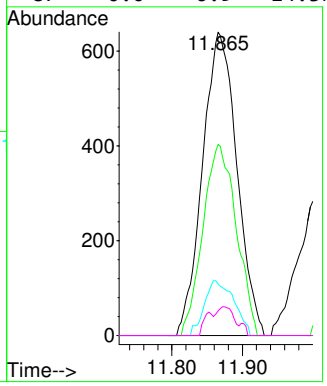


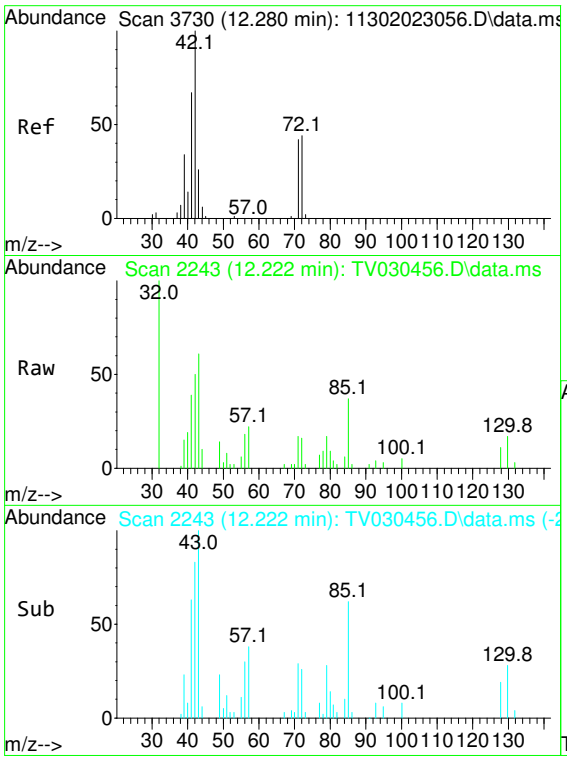


#30
Chloroform
Concen: 0.03 ppbv
RT: 11.865 min Scan# 2134
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 83 Resp: 2159

Ion	Ratio	Lower	Upper
83	100		
85	61.2	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

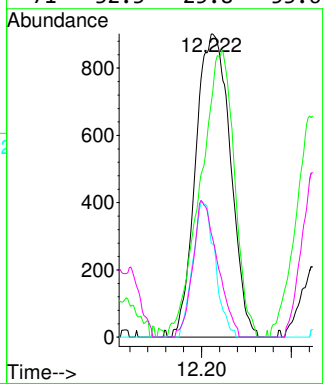


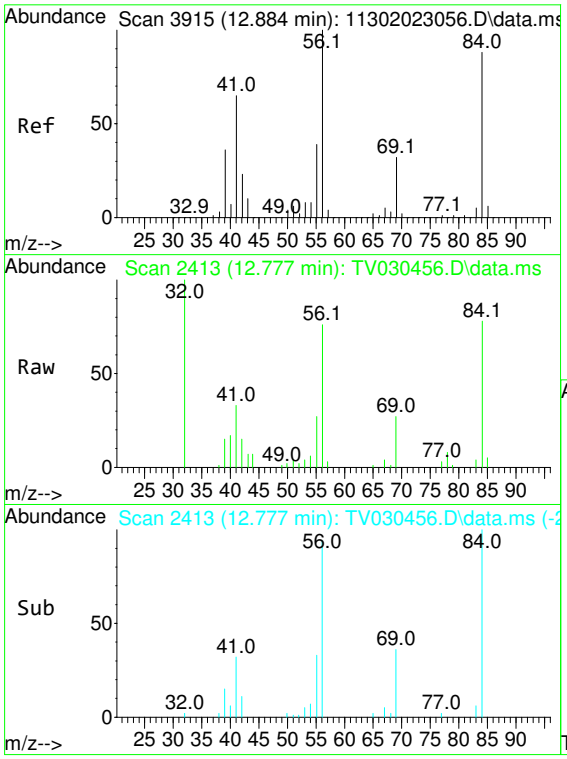


#31
Tetrahydrofuran
Concen: 0.17 ppbv
RT: 12.222 min Scan# 2243
Delta R.T. 0.020 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 42 Resp: 4834

Ion	Ratio	Lower	Upper
42	100		
41	92.2	34.5	71.7#
72	28.9	27.4	56.8
71	32.3	25.8	53.6

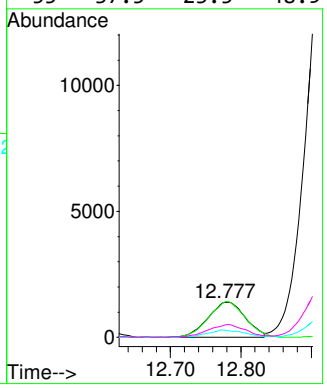


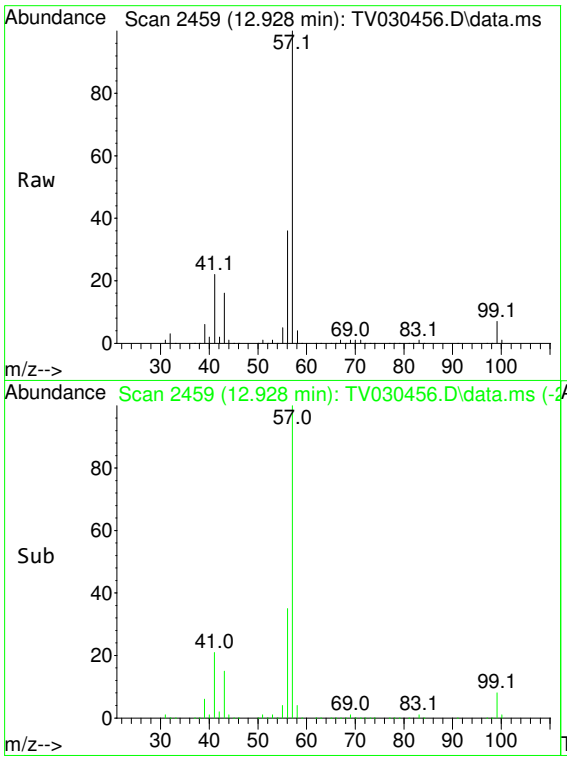


#33
Cyclohexane
Concen: 0.11 ppbv
RT: 12.777 min Scan# 2413
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 56 Resp: 5116

Ion	Ratio	Lower	Upper
56	100		
84	100.3	56.4	117.0
42	21.1	15.3	31.7
55	37.5	23.5	48.9

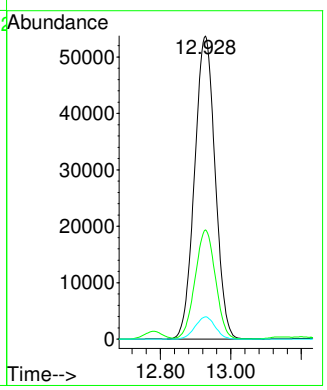


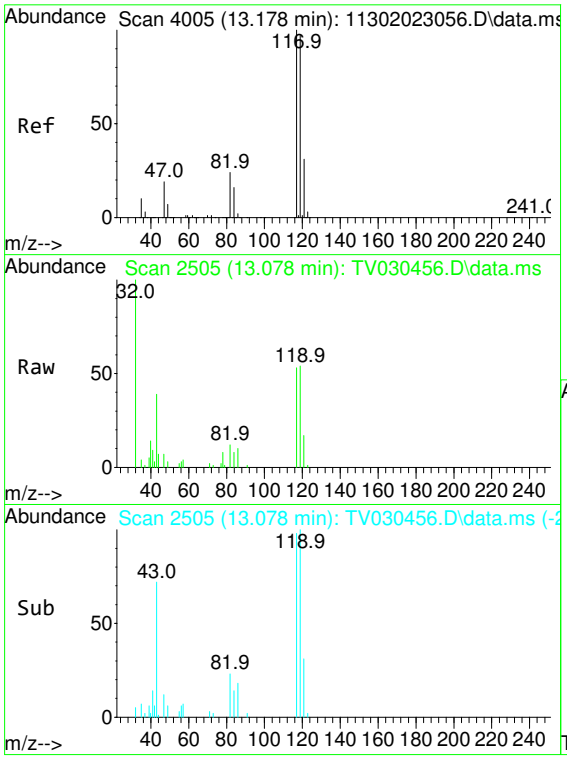


#34
2,2,4-Trimethylpentane
Concen: 1.62 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 57 Resp: 217193

Ion	Ratio	Lower	Upper
57	100		
56	35.7	24.5	45.5
99	7.3	3.5	6.5#

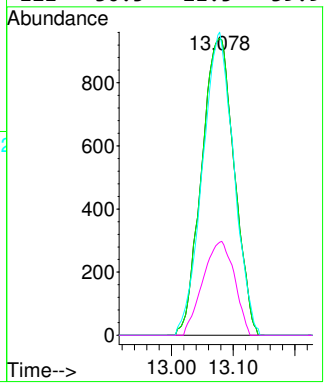


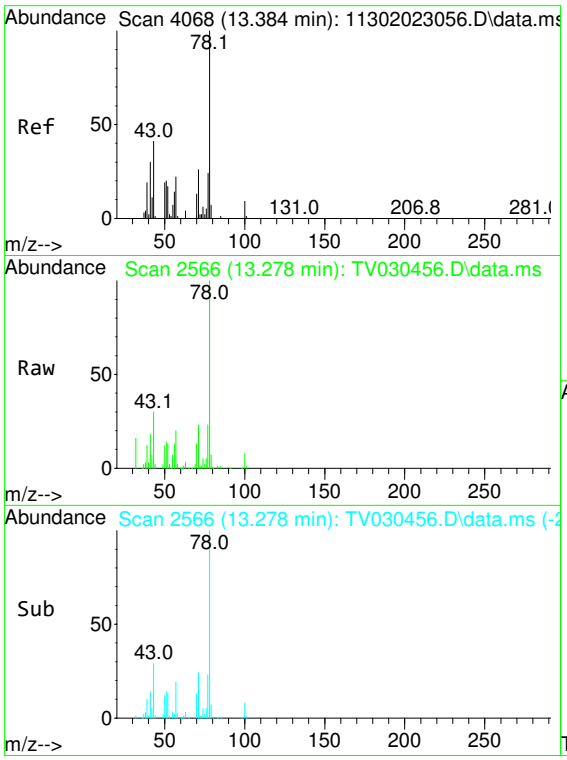


#35
Carbon Tetrachloride
Concen: 0.06 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:117 Resp: 3453

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.8	76.5	114.7
121	30.5	21.5	39.9

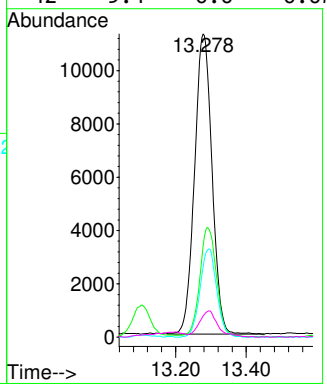


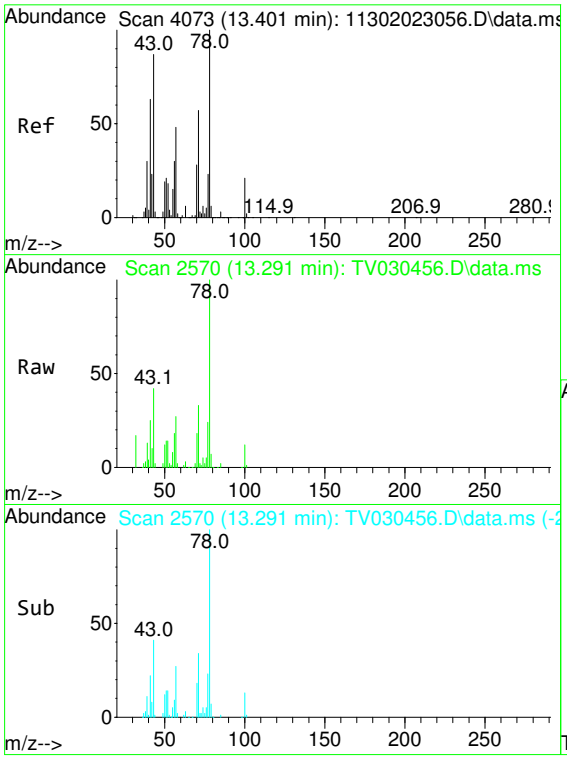


#37
Benzene
Concen: 0.40 ppbv
RT: 13.278 min Scan# 2566
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 78 Resp: 38638

Ion	Ratio	Lower	Upper
78	100		
43	35.5	0.0	0.0#
71	28.2	0.0	0.0#
42	9.4	0.0	0.0#

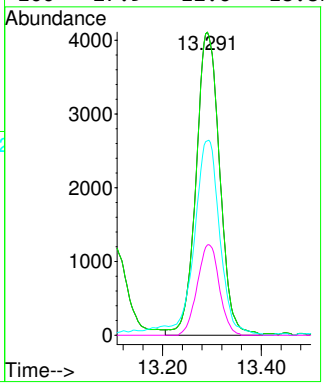


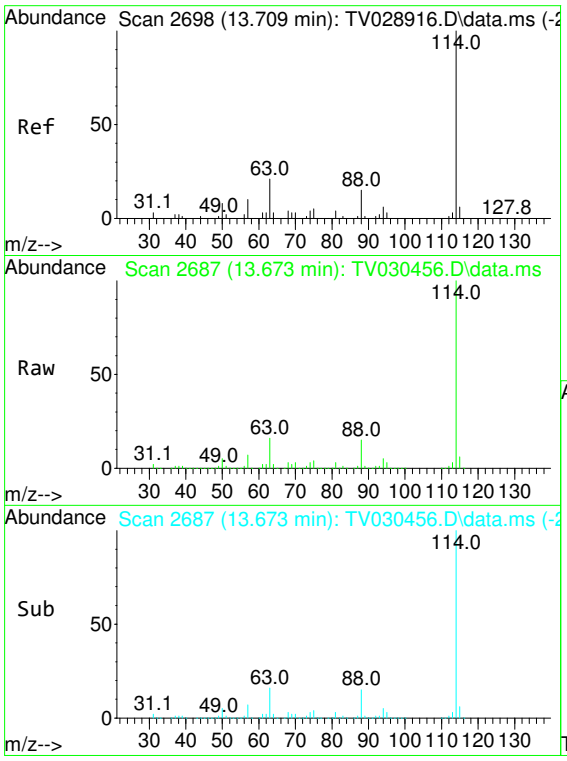


#38
n-Heptane
Concen: 0.32 ppbv
RT: 13.291 min Scan# 2570
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 43 Resp: 13700

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	72.2	39.8	59.8#
100	27.9	12.6	18.8#

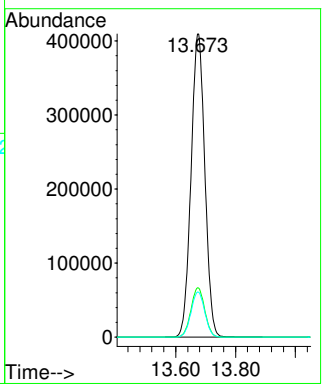


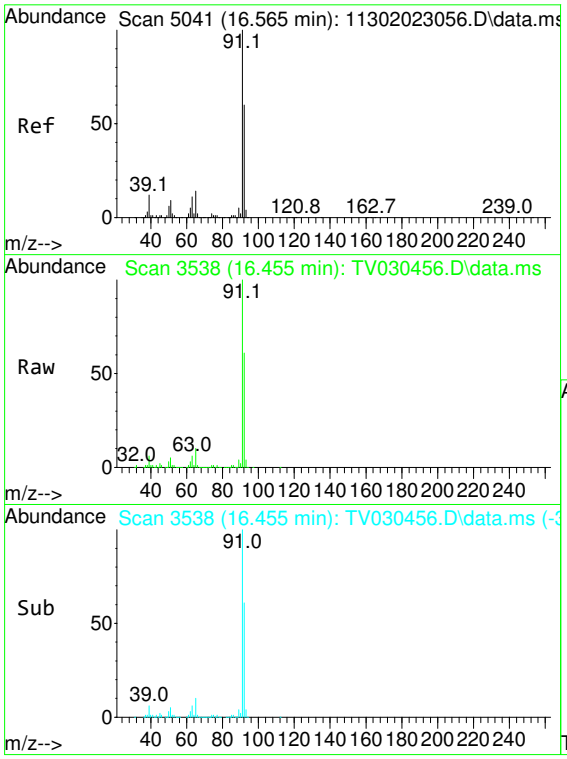


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.673 min Scan# 2687
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:114 Resp: 1309708

Ion	Ratio	Lower	Upper
114	100		
63	16.4	14.0	29.2
88	15.0	11.2	23.2

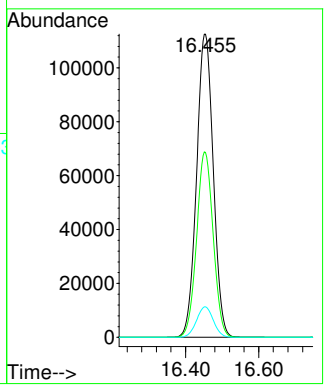


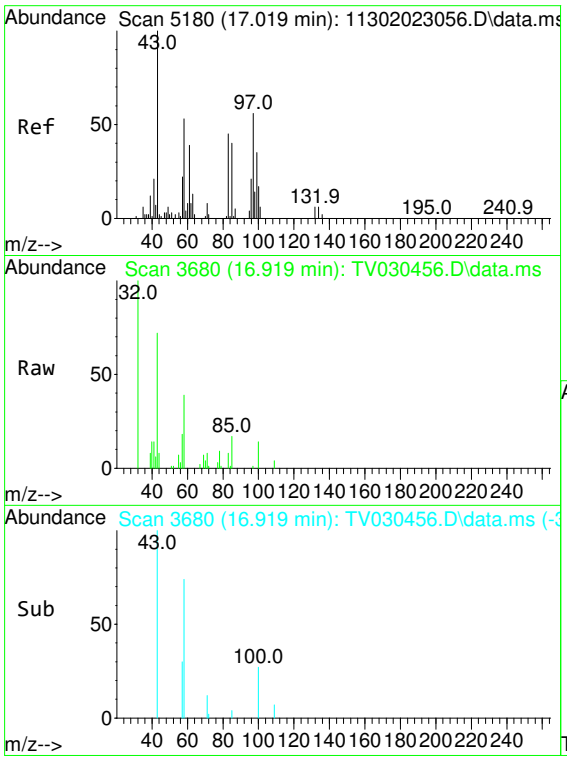


#47
Toluene
Concen: 2.66 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 357259

Ion	Ratio	Lower	Upper
91	100		
92	60.7	39.0	81.0
65	10.2	7.7	16.1

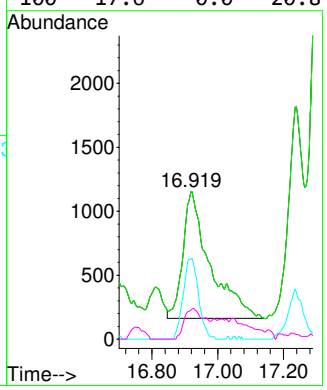


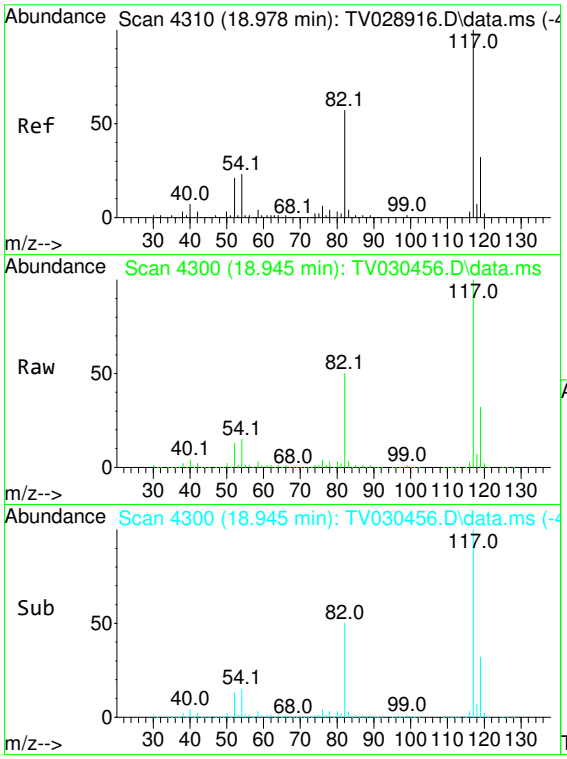


#50
2-Hexanone
Concen: 0.10 ppbv
RT: 16.919 min Scan# 3680
Delta R.T. -0.007 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 43 Resp: 5662

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	36.2	43.4	65.2#
100	17.6	0.0	20.8

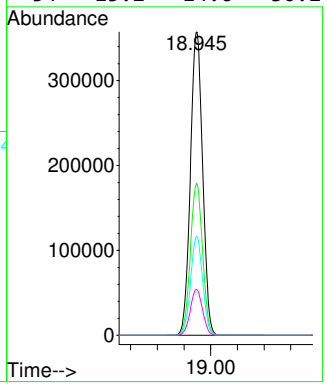


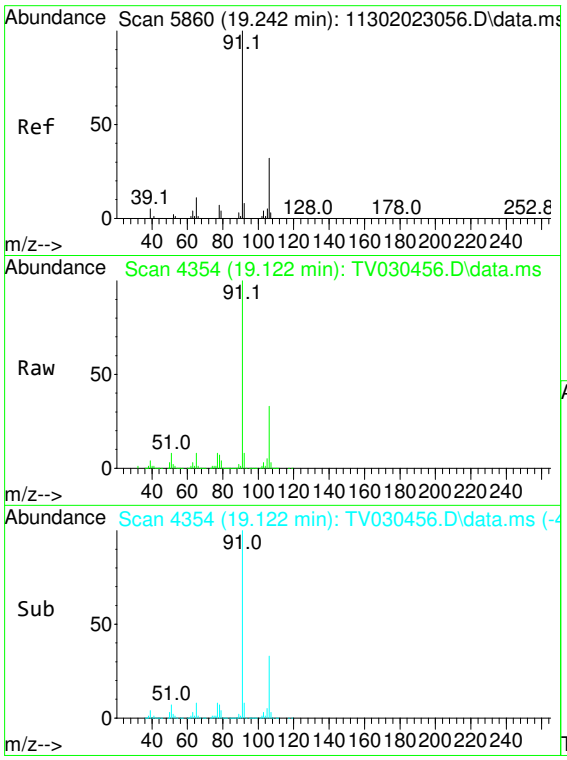


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:117 Resp: 1133375

Ion	Ratio	Lower	Upper
117	100		
82	50.1	38.7	80.5
119	32.3	20.3	42.3
54	15.2	14.6	30.2

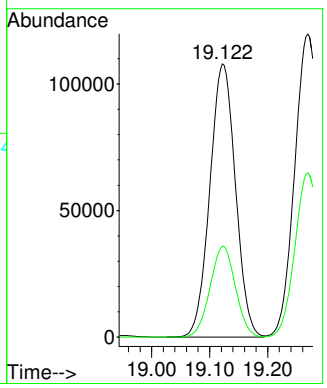


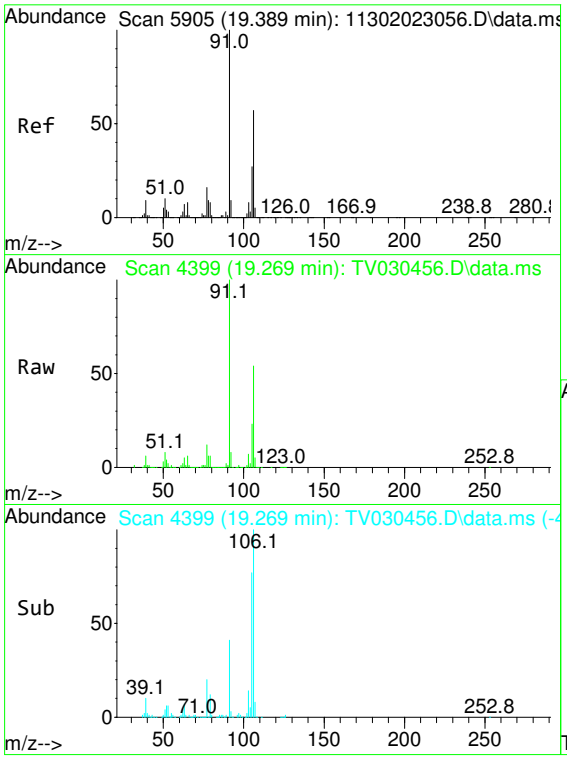


#58
Ethylbenzene
Concen: 2.00 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 330397

Ion	Ratio	Lower	Upper
91	100		
106	33.0	20.3	42.3

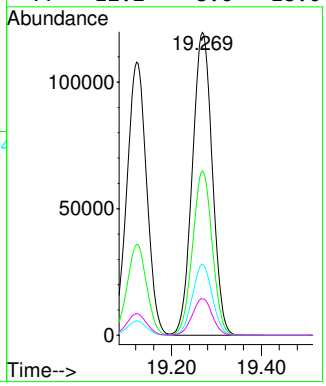


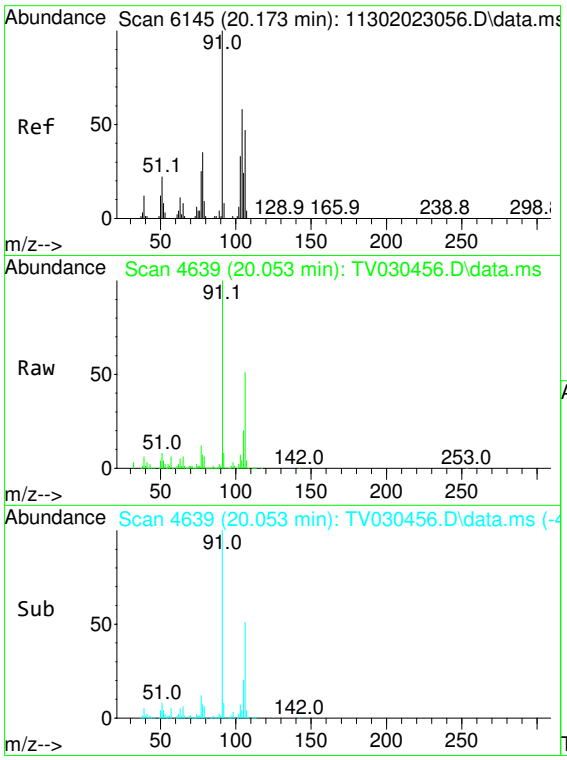


#59
p- & m-Xylenes
Concen: 2.94 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 367954

Ion	Ratio	Lower	Upper
91	100		
106	53.6	31.0	64.4
105	23.4	13.4	27.8
77	12.2	8.6	18.0

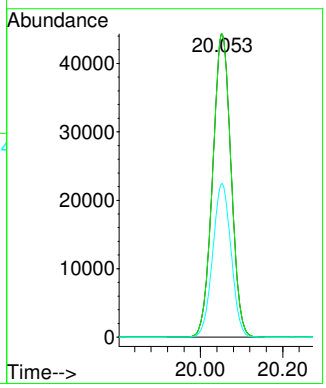


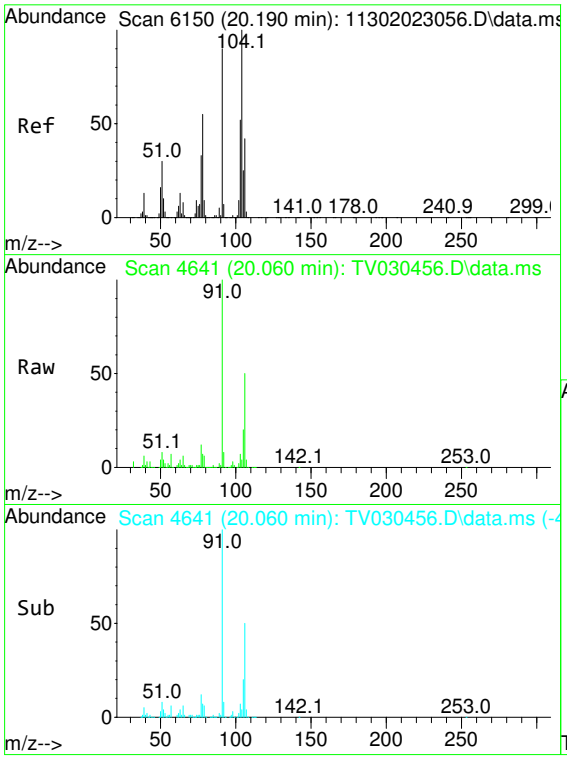


#60
o-Xylene
Concen: 1.06 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 137539

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.6	36.9	55.3

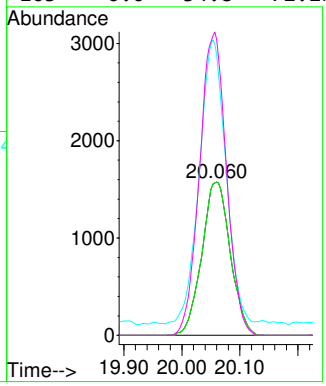


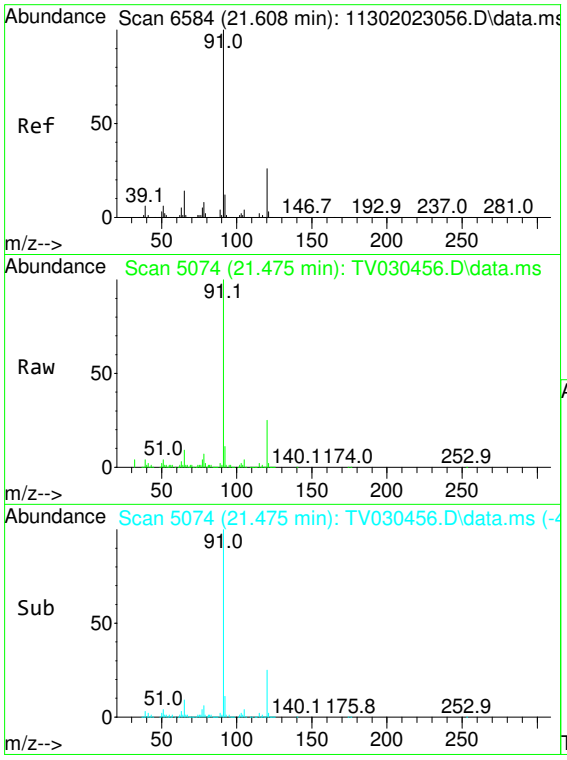


#61
Styrene
Concen: 0.05 ppbv
RT: 20.060 min Scan# 4641
Delta R.T. -0.023 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:104 Resp: 5348

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

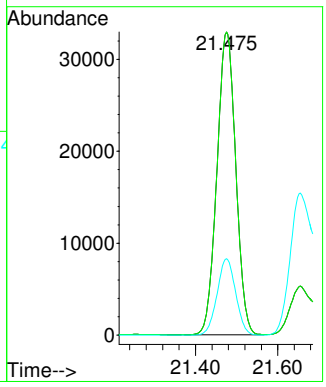


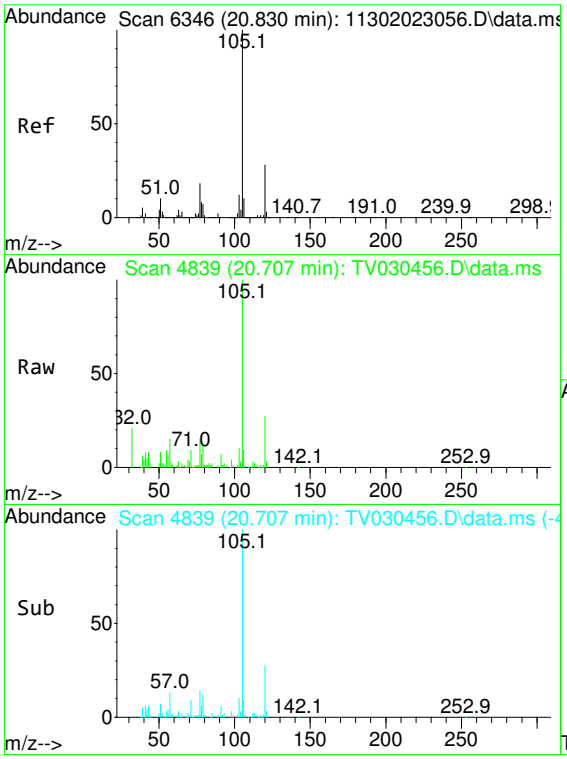


#63
n-Propylbenzene
Concen: 0.48 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 105022

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.9	11.0	33.0

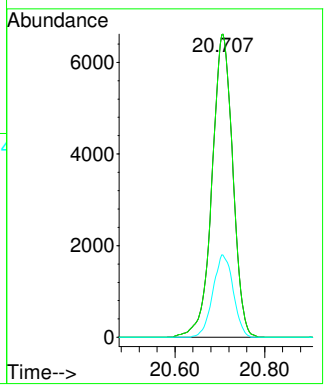


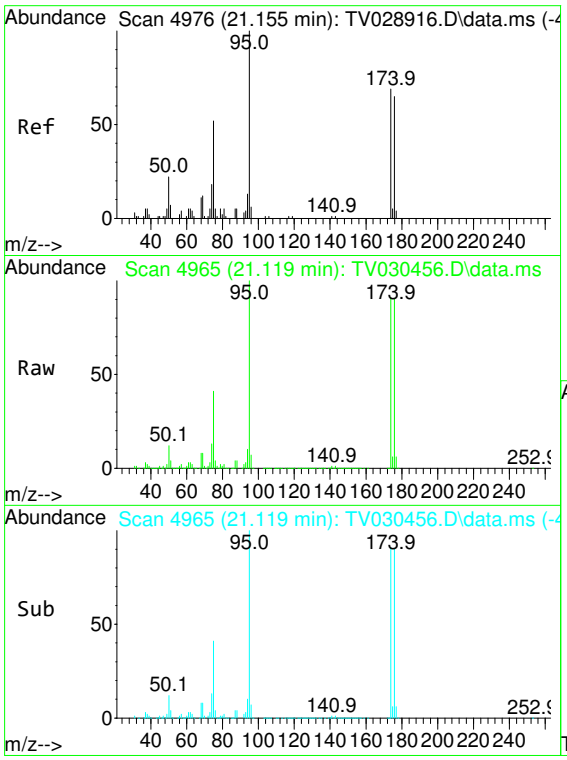


#64
Isopropylbenzene
Concen: 0.11 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:105 Resp: 21245

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	26.7	13.1	39.1

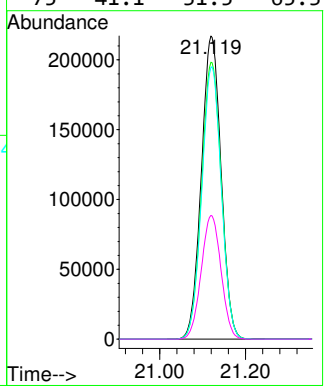


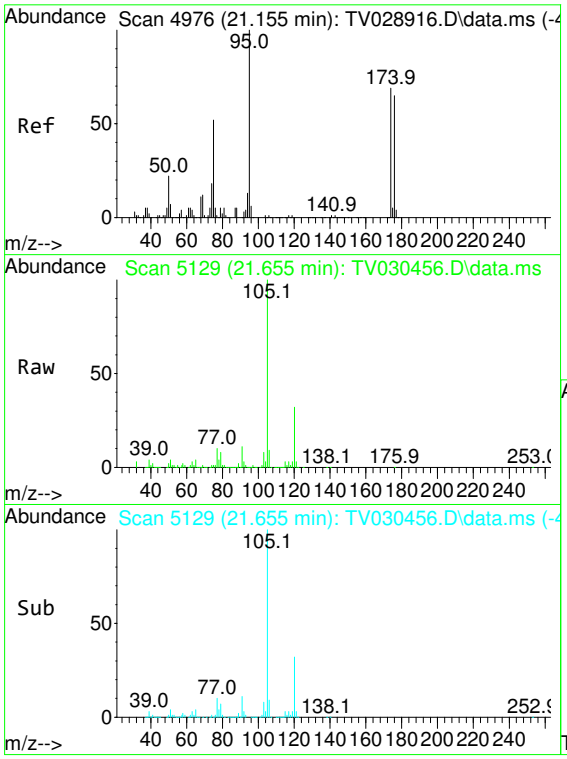


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 95 Resp: 691819

Ion	Ratio	Lower	Upper
95	100		
174	91.5	50.0	103.8
176	88.9	48.2	100.2
75	41.1	31.5	65.3

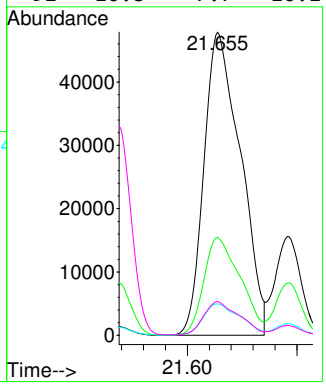


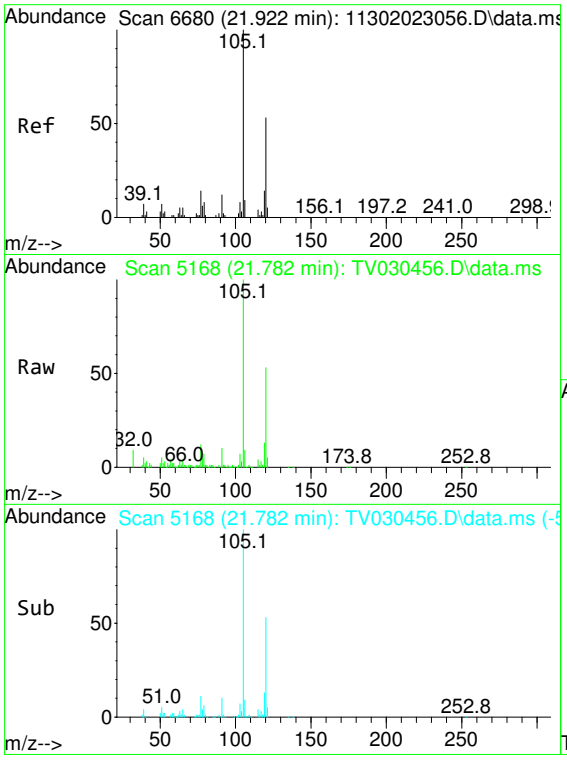


#67
4-Ethyltoluene
Concen: 1.23 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:105 Resp: 221269

Ion	Ratio	Lower	Upper
105	100		
120	32.4	17.2	35.6
77	10.3	7.6	15.8
91	10.8	7.7	16.1

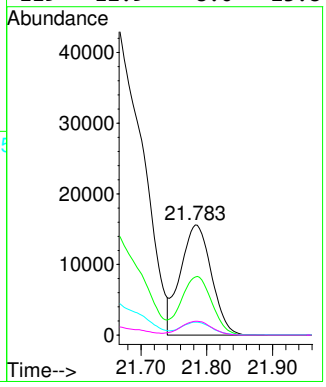


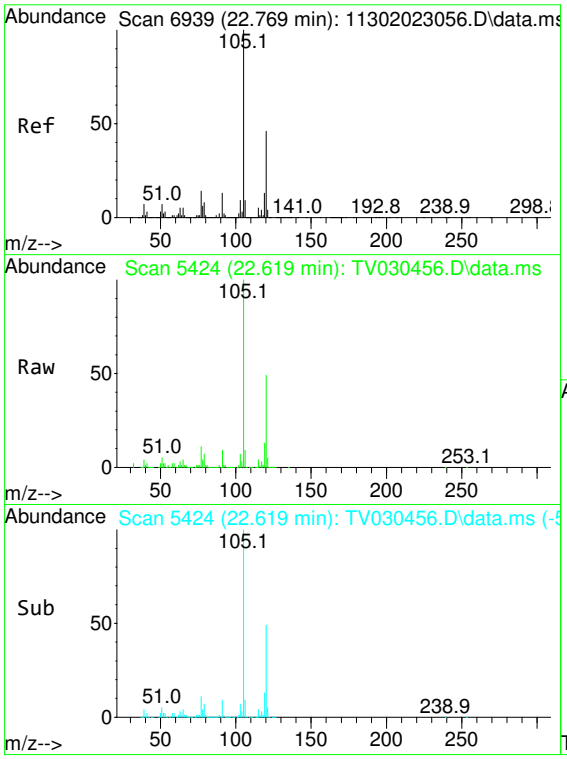


#68
1,3,5-Trimethylbenzene
Concen: 0.34 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:105 Resp: 51259

Ion	Ratio	Lower	Upper
105	100		
120	52.9	43.4	65.2
77	11.5	10.8	16.2
119	12.9	8.0	23.8

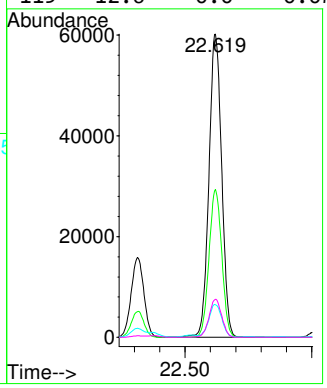


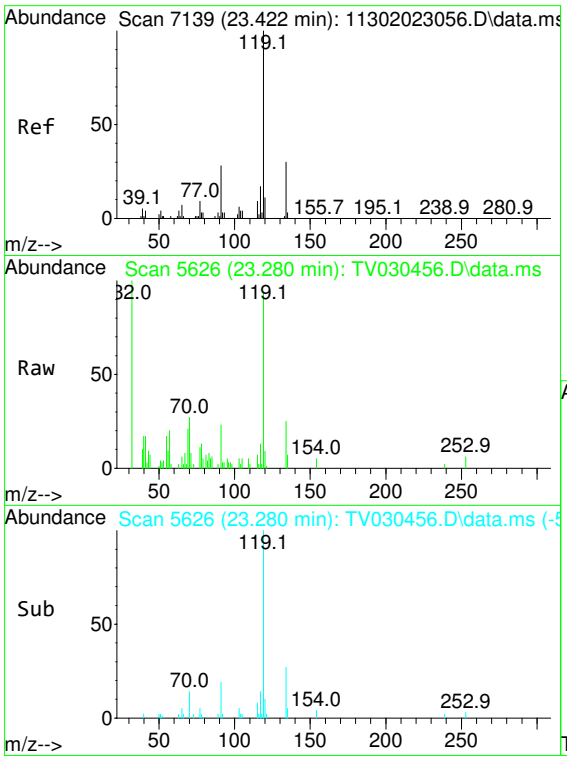


#70
1,2,4-Trimethylbenzene
Concen: 1.36 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:105 Resp: 210195

Ion	Ratio	Lower	Upper
105	100		
120	48.7	29.0	60.2
77	11.0	8.2	17.0
119	12.6	0.0	0.0#

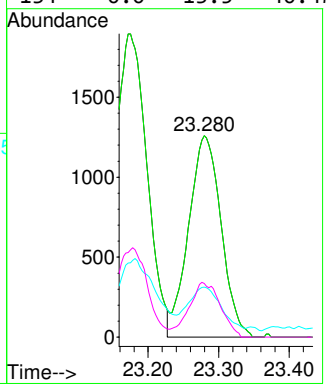


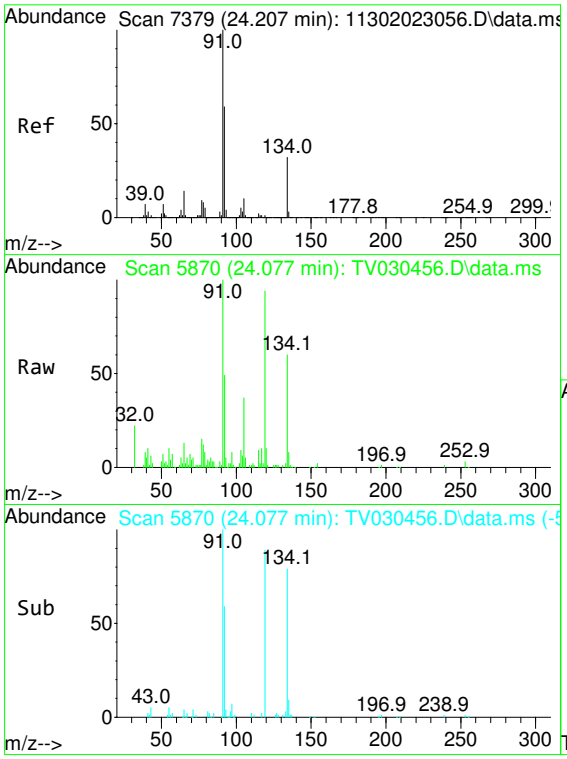


#72
p-Isopropyltoluene
Concen: 0.02 ppbv
RT: 23.280 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:119 Resp: 4036

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	13.5	40.4#

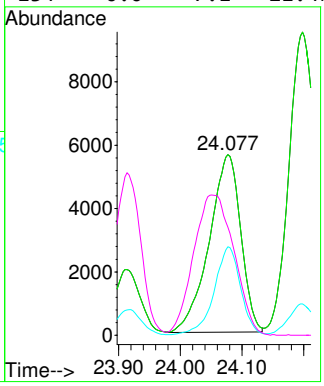


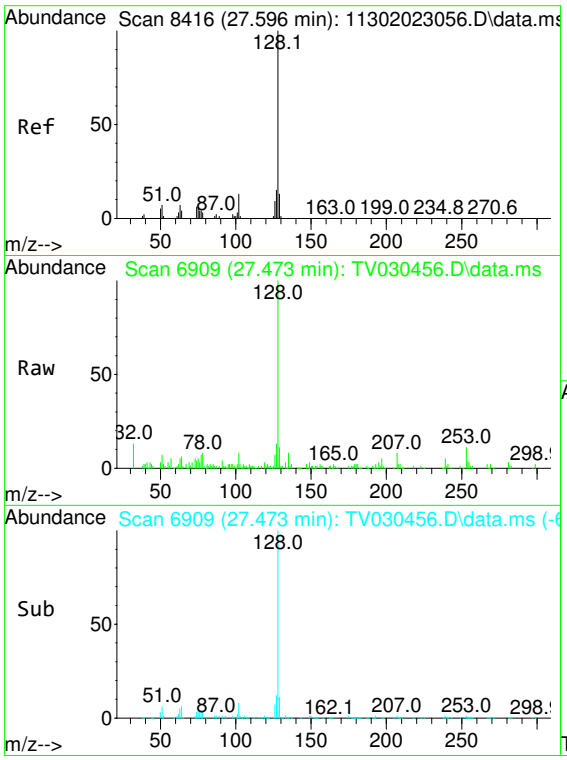


#76
n-Butylbenzene
Concen: 0.12 ppbv
RT: 24.077 min Scan# 5870
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion: 91 Resp: 19924

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
92	42.3	27.8	41.8#
134	0.0	7.1	21.4#

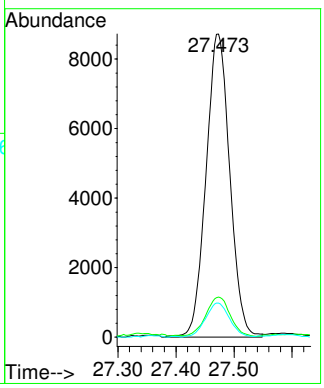




#80
Naphthalene
Concen: 0.14 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030456.D
Acq: 22 Apr 2025 02:08 am

Tgt Ion:128 Resp: 24757

Ion	Ratio	Lower	Upper
128	100		
127	13.6	8.1	16.9
129	10.8	7.3	15.1



Sample Information

Client Sample ID: AI-4 20250326 **York Sample ID: 25C1721-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.63		ug/m³	0.57	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.074	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.56	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.52	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.38		ug/m³	0.17	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
78-93-3	**2-Butanone**	3.5		ug/m³	0.22	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
67-64-1	**Acetone**	23		ug/m³	1.4	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
107-13-1	**Acrylonitrile**	12		ug/m³	2.1	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
71-43-2	**Benzene**	2.0		ug/m³	0.24	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-25-2	Bromoform	ND		ug/m³	0.77	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
74-83-9	Bromomethane	ND		ug/m³	0.29	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
56-23-5	**Carbon tetrachloride**	0.57		ug/m³	0.12	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR

Sample Information

Client Sample ID: **AI-4 20250326** **York Sample ID:** **25C1721-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	0.20	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
67-66-3	Chloroform	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
74-87-3	**Chloromethane**	1.4		ug/m³	0.15	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.074	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
141-78-6	*** Ethyl acetate**	0.65		ug/m³	0.54	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.80	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
67-63-0	**Isopropanol**	1.6	CAL-E	ug/m³	1.1	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.79	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
142-82-5	**n-Heptane**	1.7		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
110-54-3	**n-Hexane**	0.37		ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
95-47-6	o-Xylene	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
179601-23-1	**p- & m- Xylenes**	0.68		ug/m³	0.65	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
115-07-1	*** Propylene**	1.6		ug/m³	0.13	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
100-42-5	Styrene	ND		ug/m³	0.32	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
109-99-9	*** Tetrahydrofuran**	1.3		ug/m³	0.44	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
108-88-3	**Toluene**	4.3		ug/m³	0.28	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.42	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*104 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030450.D
Acq On : 21 Apr 2025 09:30 pm
Operator : YR
Sample : 25C1721-08
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.749
InstName : TO15_AIR3

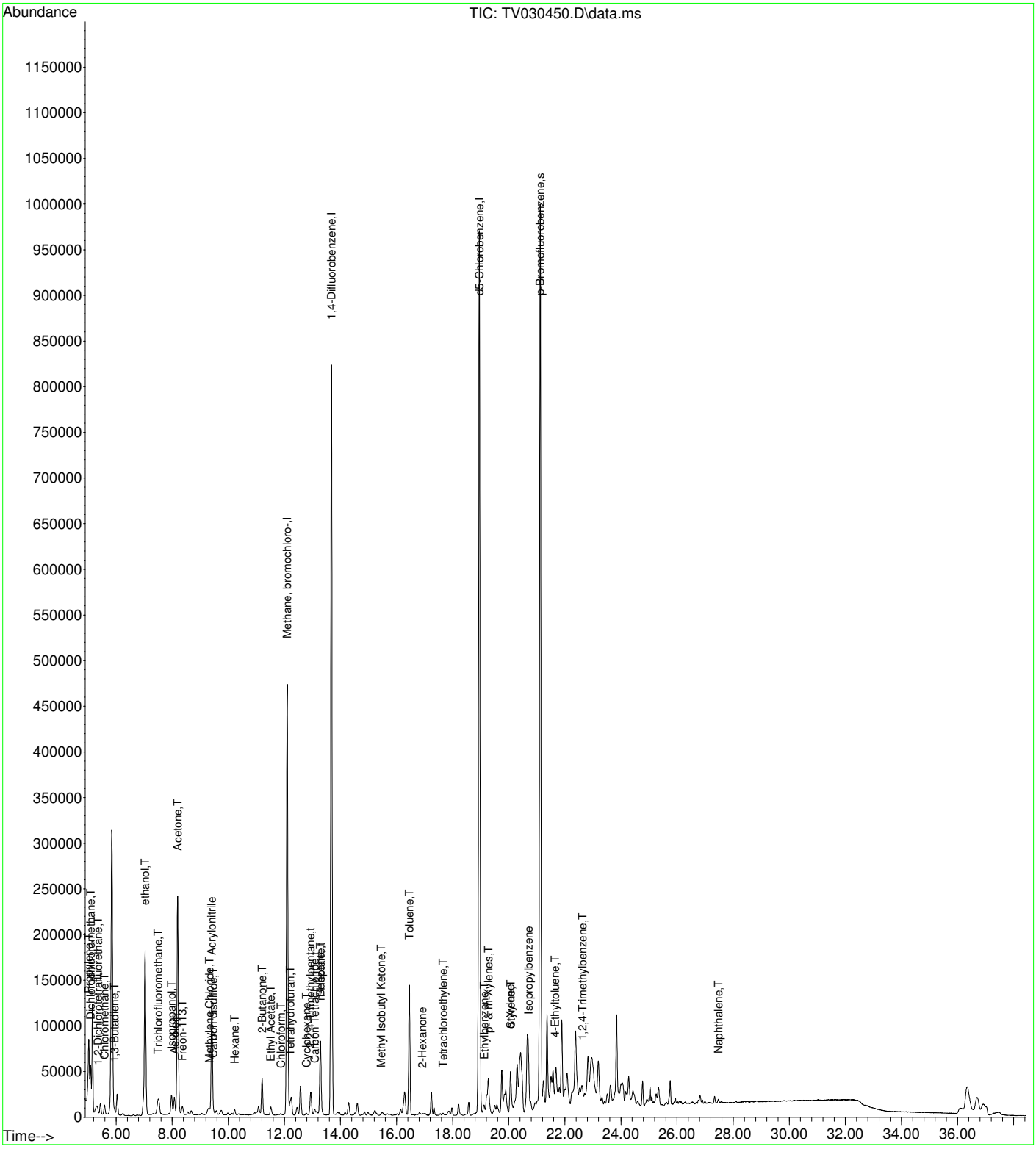
Quant Time: Apr 22 07:18:47 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

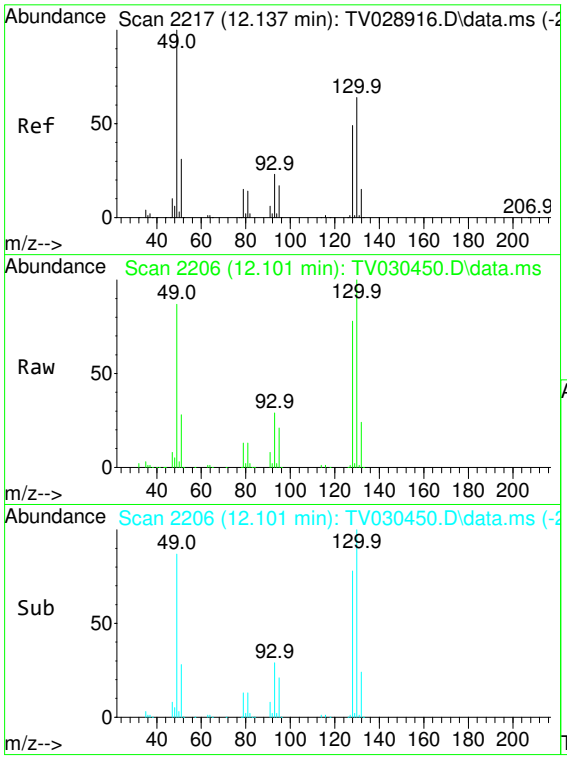
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	315255	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1303635	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.945	117	1144583	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	692224	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.024	42	16448	1.26	ppbv	#	41
3) Dichlorodifluoromethane	5.093	85	46509	0.65	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.358	85	1931	0.02	ppbv	#	87
5) Chloromethane	5.586	50	18961	0.90	ppbv		99
7) 1,3-Butadiene	5.936	54	3328	0.16	ppbv		95
10) ethanol	7.031	45	204176	15.39	ppbv		89
12) Trichlorofluoromethane	7.492	101	22986	0.33	ppbv		99
13) Isopropanol	7.973	45	48322	0.86	ppbv		100
14) Acrolein	8.090	56	4161	0.35	ppbv	#	100
15) Acetone	8.192	43	493025	13.08	ppbv		80
16) Freon-113	8.361	101	6632	0.11	ppbv		90
19) Methylene Chloride	9.332	49	5191	0.18	ppbv	#	1
20) Acrylonitrile	9.411	53	179028	7.54	ppbv	#	100
21) Carbon disulfide	9.463	76	5900	0.07	ppbv		91
24) Hexane	10.225	57	5943	0.14	ppbv		91
27) 2-Butanone	11.205	43	79180	1.59	ppbv	#	83
28) Ethyl Acetate	11.512	43	13410	0.24	ppbv	#	93
30) Chloroform	11.875	83	1965	0.03	ppbv	#	84
31) Tetrahydrofuran	12.205	42	17133	0.61	ppbv	#	88
33) Cyclohexane	12.781	56	2013	0.05	ppbv	#	84
34) 2,2,4-Trimethylpentane	12.928	57	14631	0.11	ppbv	#	1
35) Carbon Tetrachloride	13.078	117	7120	0.12	ppbv		99
37) Benzene	13.281	78	80608	0.85	ppbv	#	100
38) n-Heptane	13.294	43	23898	0.57	ppbv	#	89
45) Methyl Isobutyl Ketone	15.451	43	4522	0.07	ppbv	#	63
47) Toluene	16.455	91	203657	1.53	ppbv		99
50) 2-Hexanone	16.916	43	3792m	0.06	ppbv		
52) Tetrachloroethylene	17.651	166	1318	0.02	ppbv		94
58) Ethylbenzene	19.122	91	12397	0.07	ppbv		97
59) p- & m-Xylenes	19.269	91	26459	0.21	ppbv		93
60) o-Xylene	20.053	91	10882	0.08	ppbv		99
61) Styrene	20.070	104	3569	0.04	ppbv	#	74
64) Isopropylbenzene	20.707	105	46931	0.25	ppbv		100
67) 4-Ethyltoluene	21.652	105	9596	0.05	ppbv		93
70) 1,2,4-Trimethylbenzene	22.619	105	9414	0.06	ppbv	#	96
80) Naphthalene	27.473	128	5559	0.03	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030450.D
Acq On : 21 Apr 2025 09:30 pm
Operator : YR
Sample : 25C1721-08
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.749
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:47 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

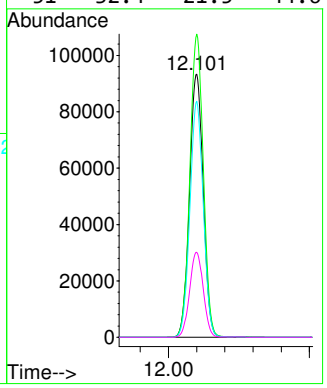


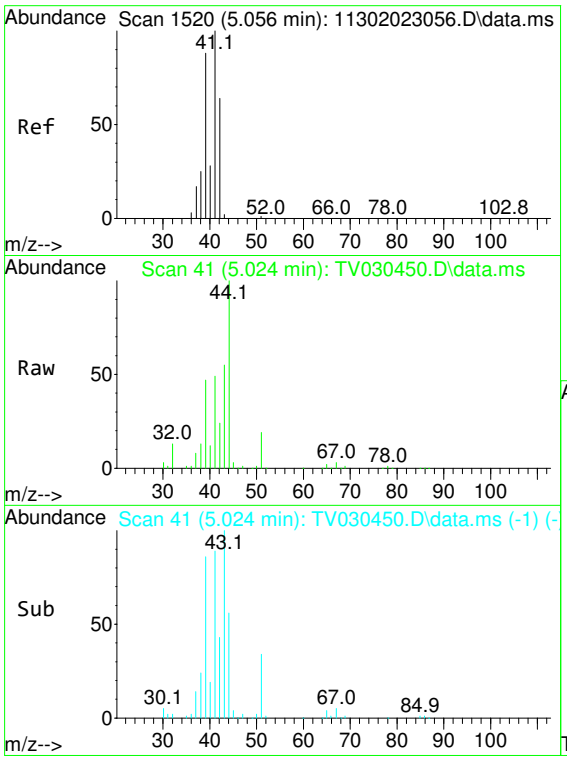


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 49 Resp: 315255

Ion	Ratio	Lower	Upper
49	100		
130	113.4	44.5	92.3#
128	87.6	34.7	72.1#
51	32.4	21.5	44.6

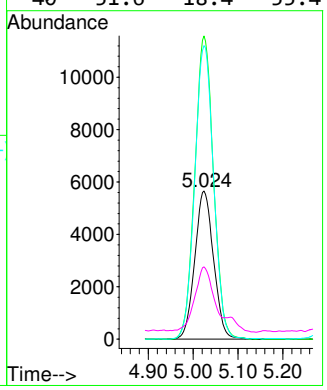


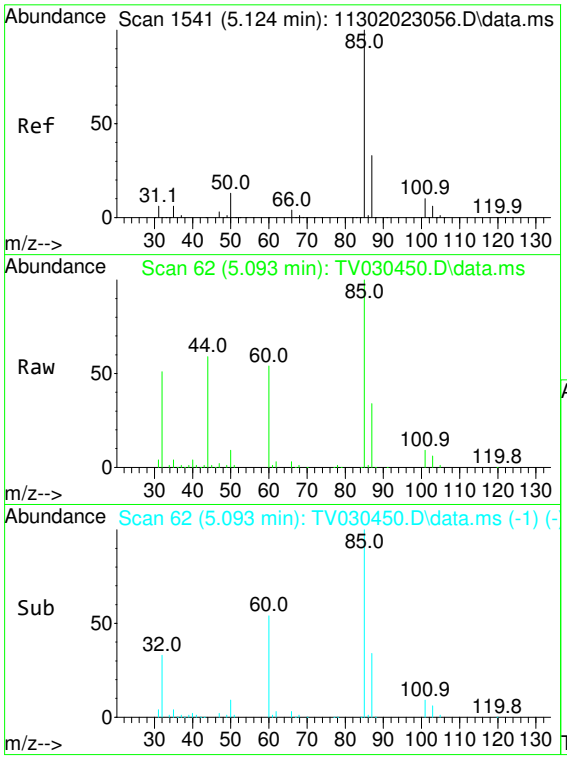


#2
Propylene
Concen: 1.26 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 42 Resp: 16448

Ion	Ratio	Lower	Upper
42	100		
41	203.9	88.9	207.5
39	199.1	52.2	156.6#
40	51.6	18.4	55.4

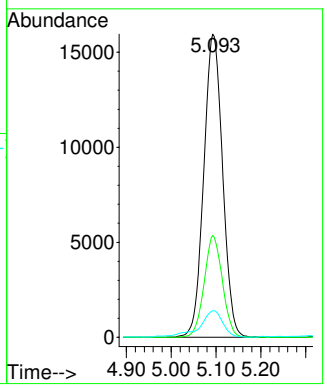


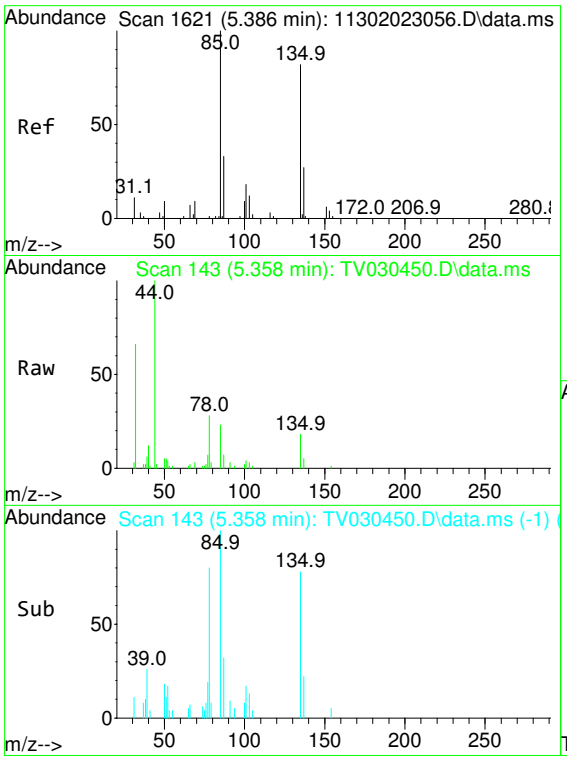


#3
Dichlorodifluoromethane
Concen: 0.65 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 85 Resp: 46509

Ion	Ratio	Lower	Upper
85	100		
87	32.5	21.0	43.6
50	11.1	6.8	14.2

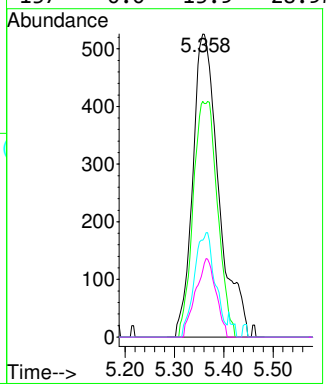


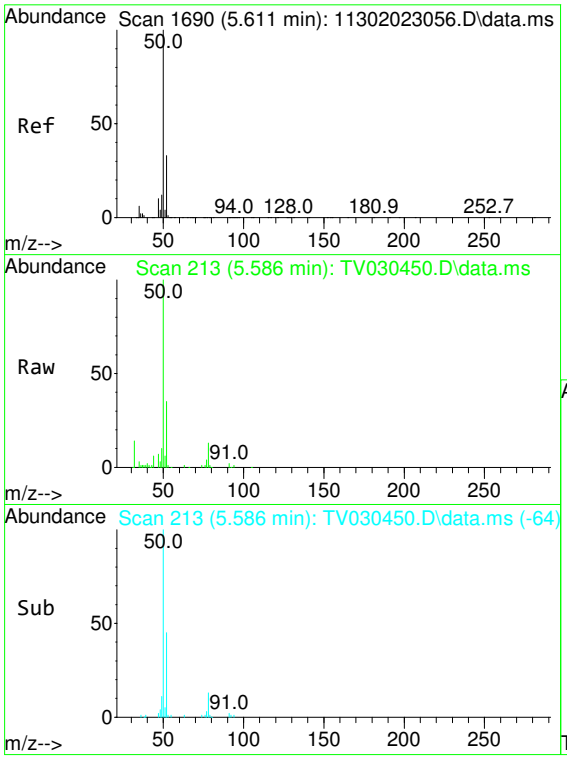


#4
1,2-Dichlorotetrafluorethane
Concen: 0.02 ppbv
RT: 5.358 min Scan# 143
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 85 Resp: 1931

Ion	Ratio	Lower	Upper
85	100		
135	72.4	43.7	90.7
87	29.5	20.9	43.3
137	0.0	13.9	28.9#

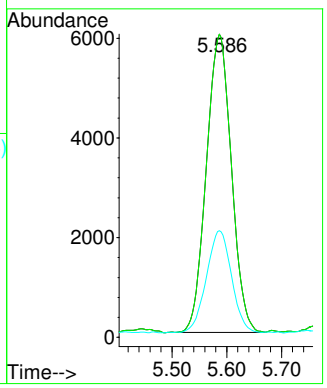


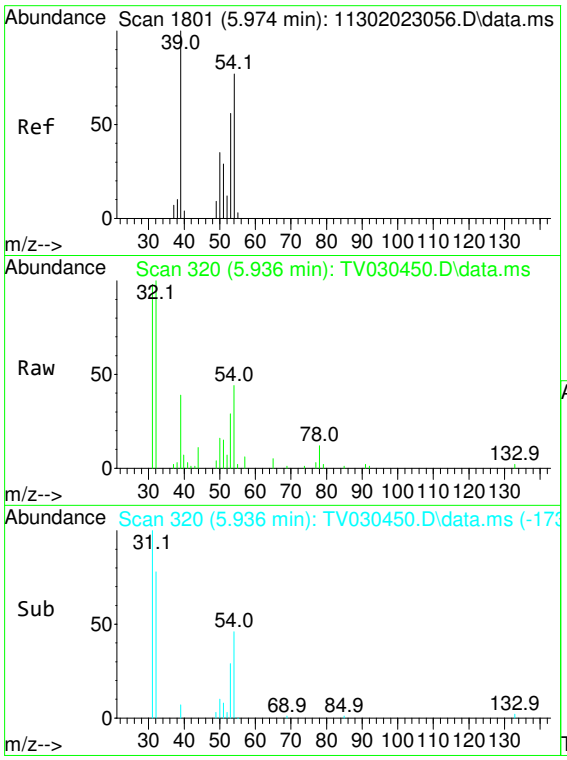


#5
Chloromethane
Concen: 0.90 ppbv
RT: 5.586 min Scan# 213
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 50 Resp: 18961

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	34.6	16.5	49.5

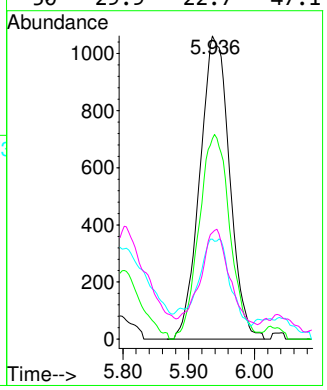


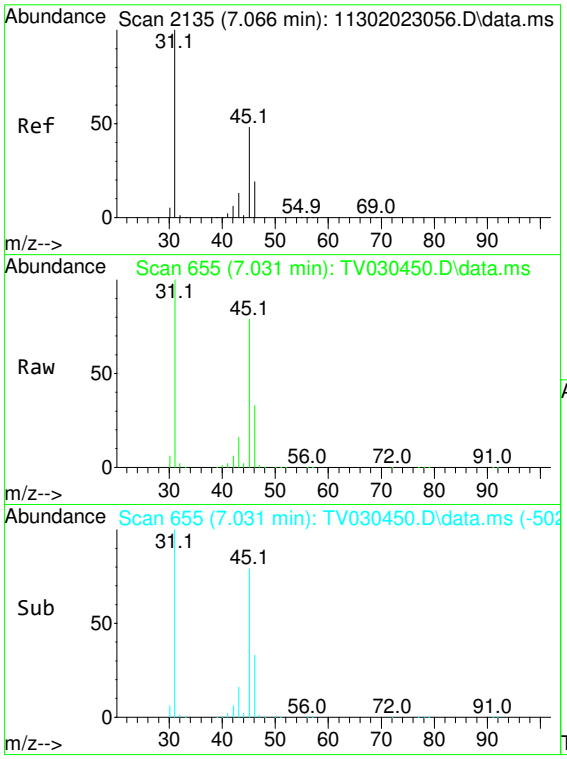


#7
1,3-Butadiene
Concen: 0.16 ppbv
RT: 5.936 min Scan# 320
Delta R.T. -0.020 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 54 Resp: 3328

Ion	Ratio	Lower	Upper
54	100		
53	70.4	43.4	90.2
51	30.5	19.9	41.3
50	29.9	22.7	47.1

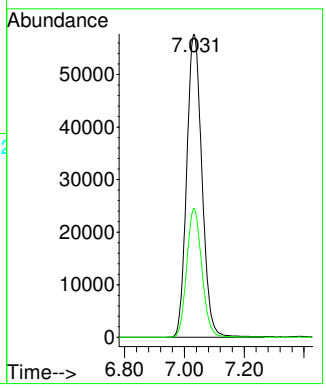


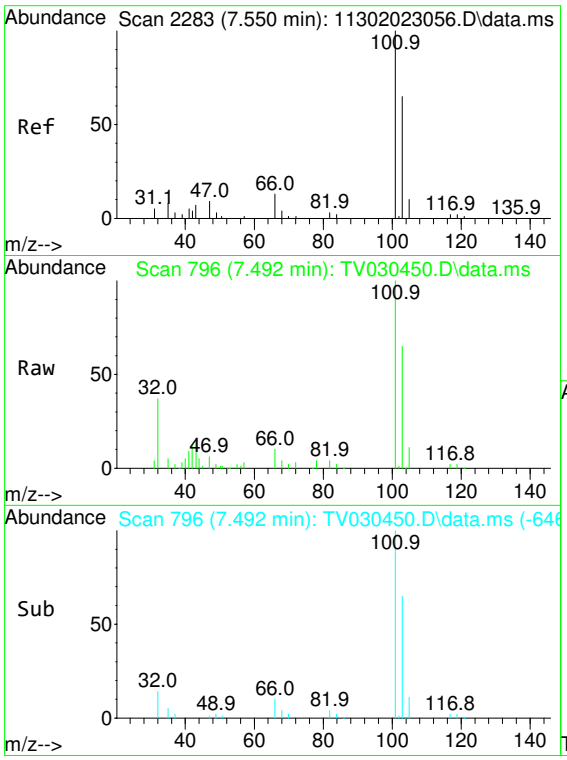


#10
ethanol
Concen: 15.39 ppbv
RT: 7.031 min Scan# 655
Delta R.T. 0.000 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 45 Resp: 204176

Ion	Ratio	Lower	Upper
45	100		
46	42.2	40.0	60.0

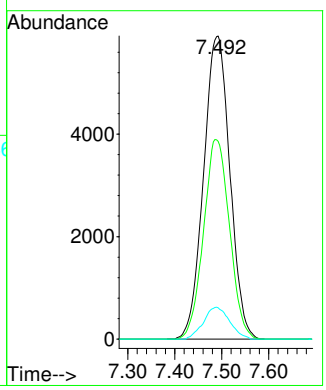


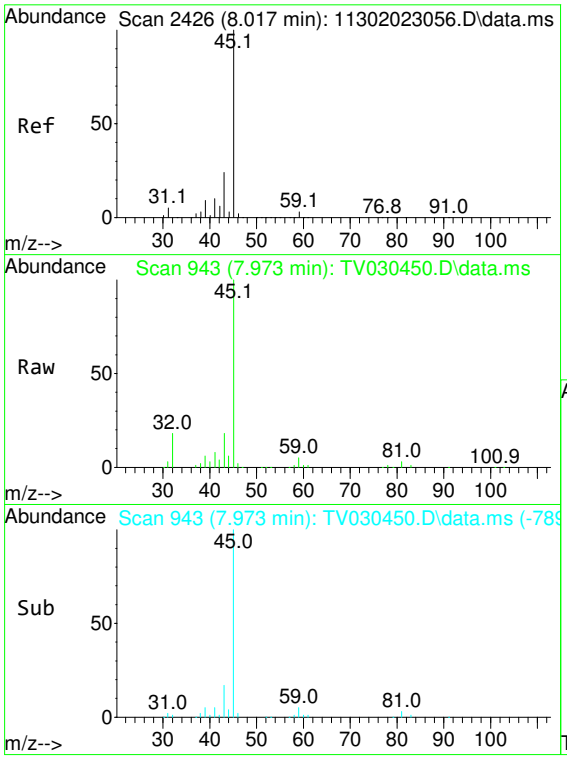


#12
Trichlorofluoromethane
Concen: 0.33 ppbv
RT: 7.492 min Scan# 796
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:101 Resp: 22986

Ion	Ratio	Lower	Upper
101	100		
103	65.1	42.4	88.0
66	10.5	7.9	16.5

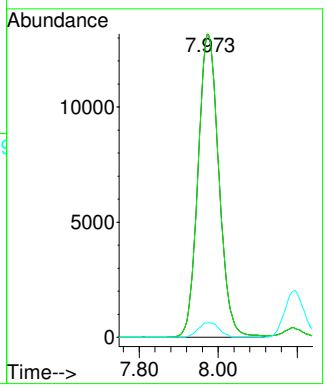


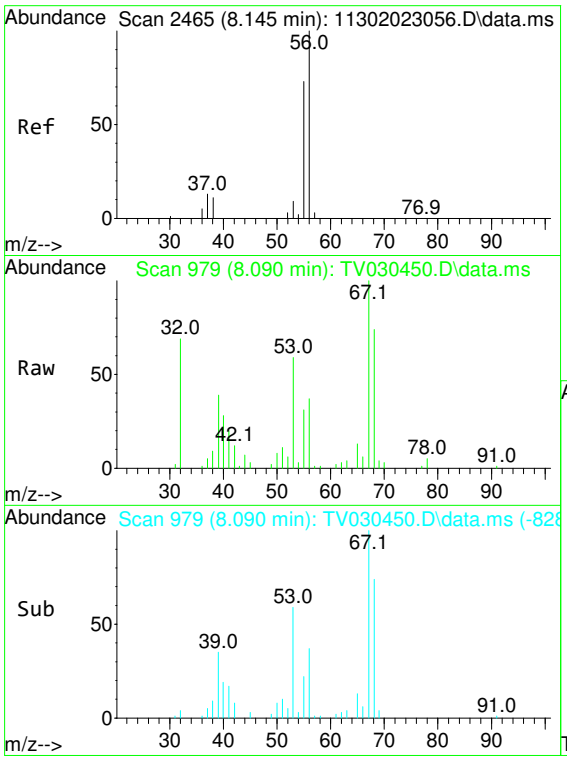


#13
Isopropanol
Concen: 0.86 ppbv
RT: 7.973 min Scan# 943
Delta R.T. 0.003 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 45 Resp: 48322

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.9	0.0	8.4

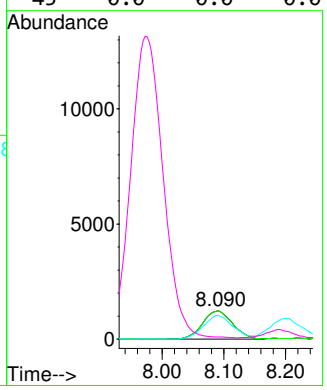


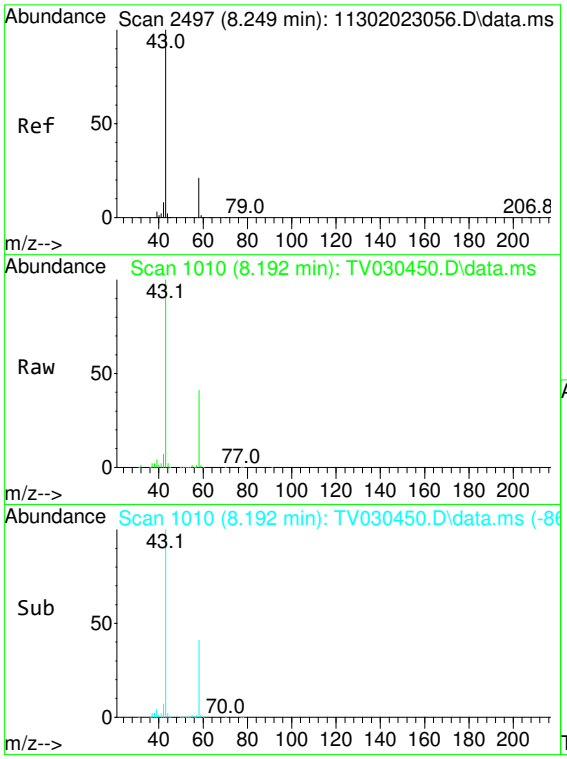


#14
Acrolein
Concen: 0.35 ppbv
RT: 8.090 min Scan# 979
Delta R.T. -0.007 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 56 Resp: 4161

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

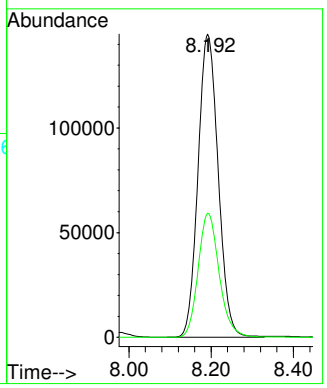


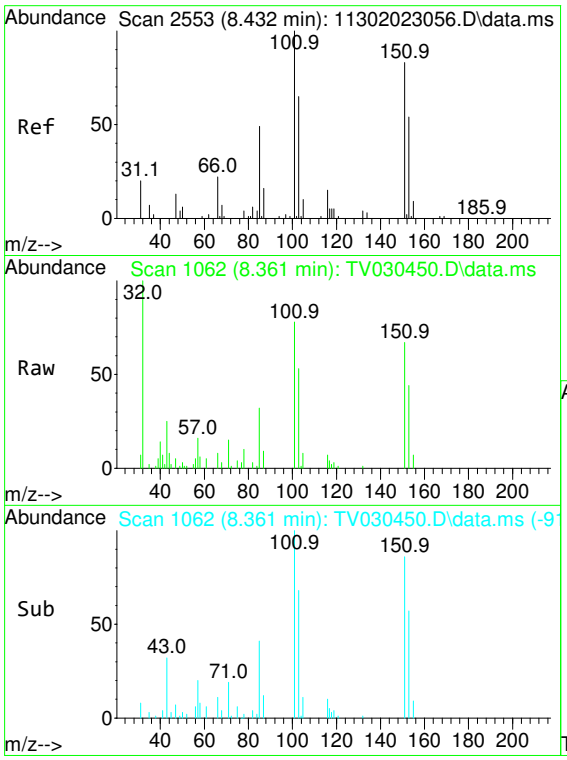


#15
Acetone
Concen: 13.08 ppbv
RT: 8.192 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 493025

Ion	Ratio	Lower	Upper
43	100		
58	42.9	20.7	42.9

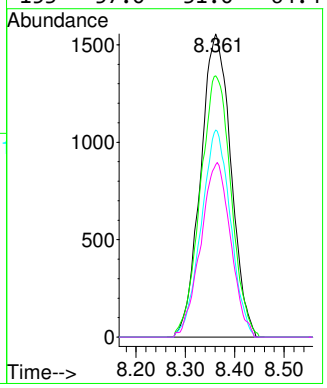


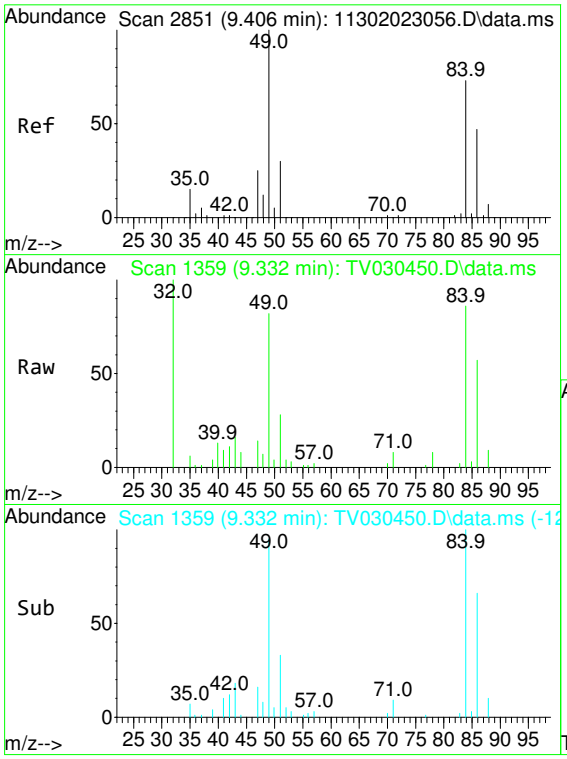


#16
Freon-113
Concen: 0.11 ppbv
RT: 8.361 min Scan# 1062
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:101 Resp: 6632

Ion	Ratio	Lower	Upper
101	100		
151	87.5	48.6	100.8
103	66.2	42.0	87.2
153	57.0	31.0	64.4

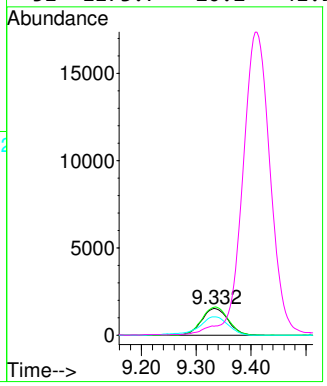


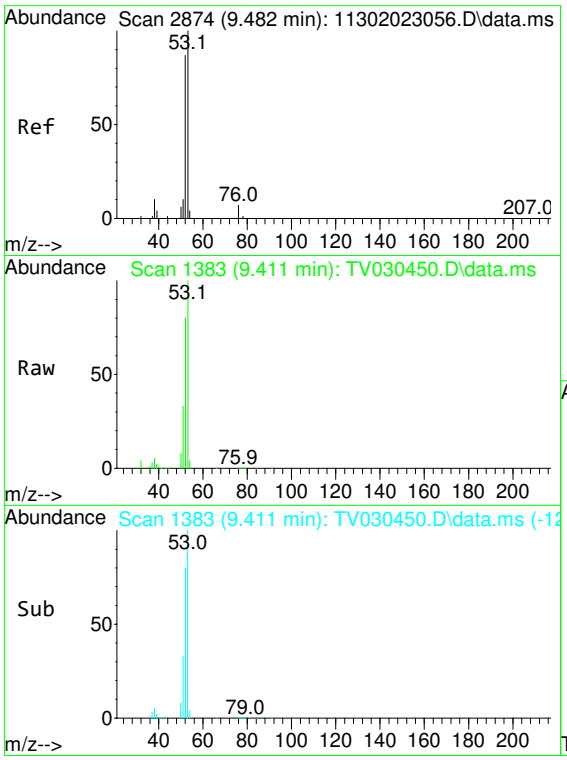


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.332 min Scan# 1359
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 49 Resp: 5191

Ion	Ratio	Lower	Upper
49	100		
84	105.3	50.1	104.0#
86	77.6	32.2	66.8#
51	1173.7	20.2	41.9#

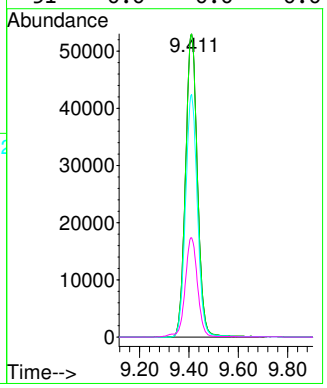


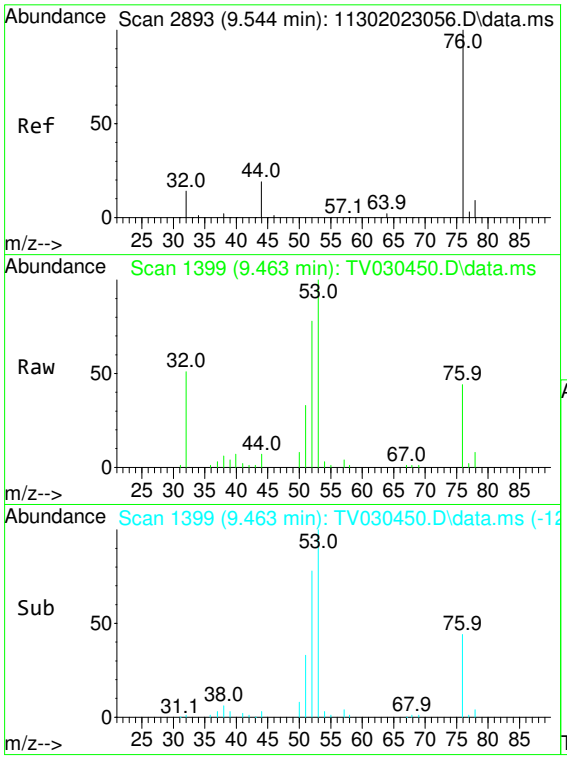


#20
Acrylonitrile
Concen: 7.54 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 53 Resp: 179028

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

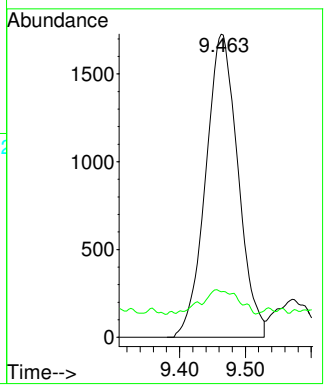


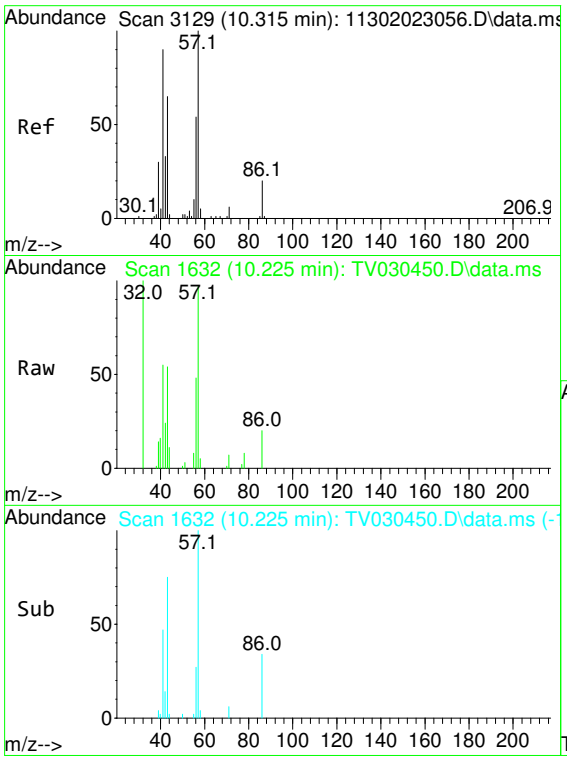


#21
Carbon disulfide
Concen: 0.07 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 76 Resp: 5900

Ion	Ratio	Lower	Upper
76	100		
44	9.2	8.4	17.4

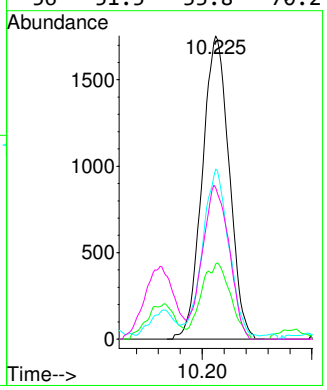


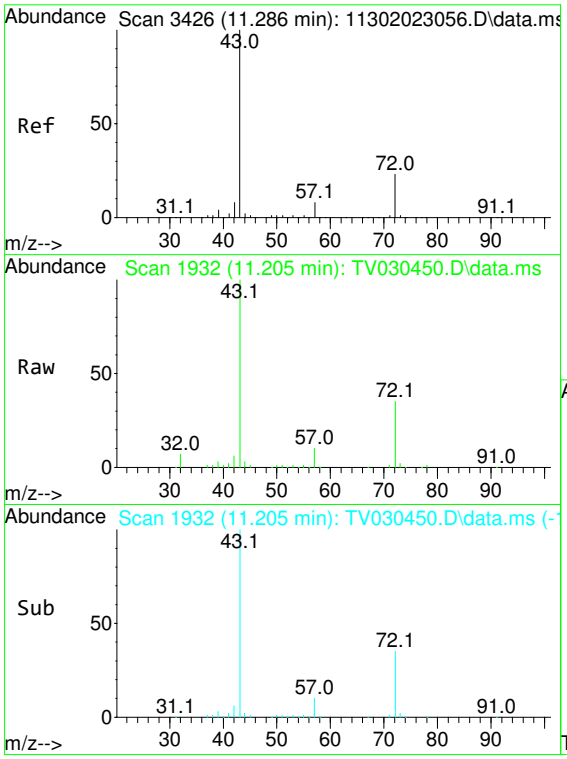


#24
Hexane
Concen: 0.14 ppbv
RT: 10.225 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 57 Resp: 5943

Ion	Ratio	Lower	Upper
57	100		
42	27.8	22.2	46.0
43	53.6	42.9	89.1
56	51.5	33.8	70.2

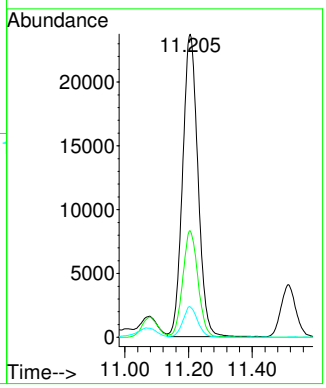


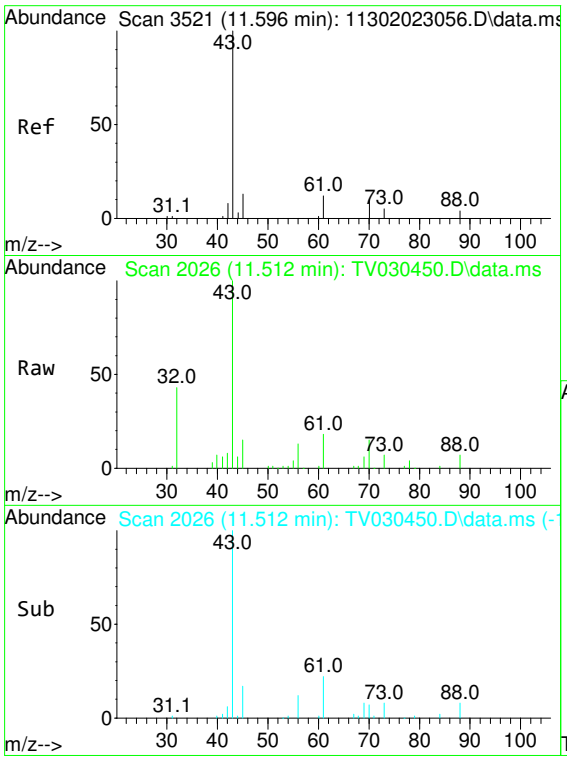


#27
2-Butanone
Concen: 1.59 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 79180

Ion	Ratio	Lower	Upper
43	100		
72	35.3	16.4	34.2#
57	9.9	5.0	10.4

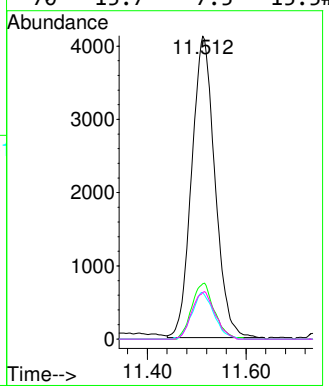


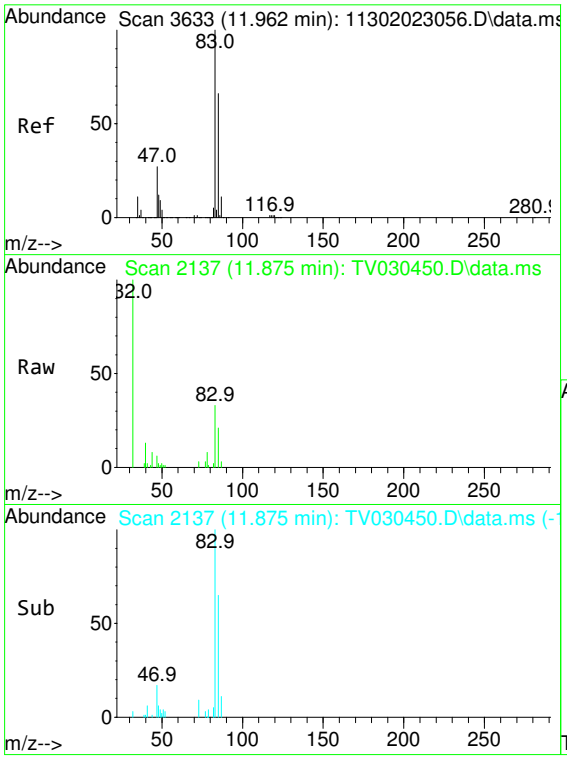


#28
Ethyl Acetate
Concen: 0.24 ppbv
RT: 11.512 min Scan# 2026
Delta R.T. -0.007 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 13410

Ion	Ratio	Lower	Upper
43	100		
61	18.1	9.2	19.2
45	14.8	9.4	19.6
70	15.7	7.5	15.5#

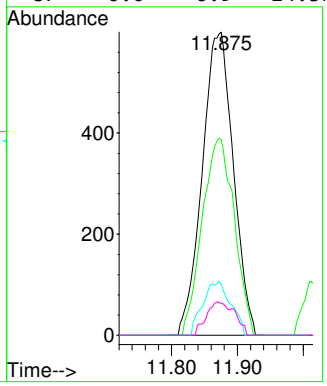


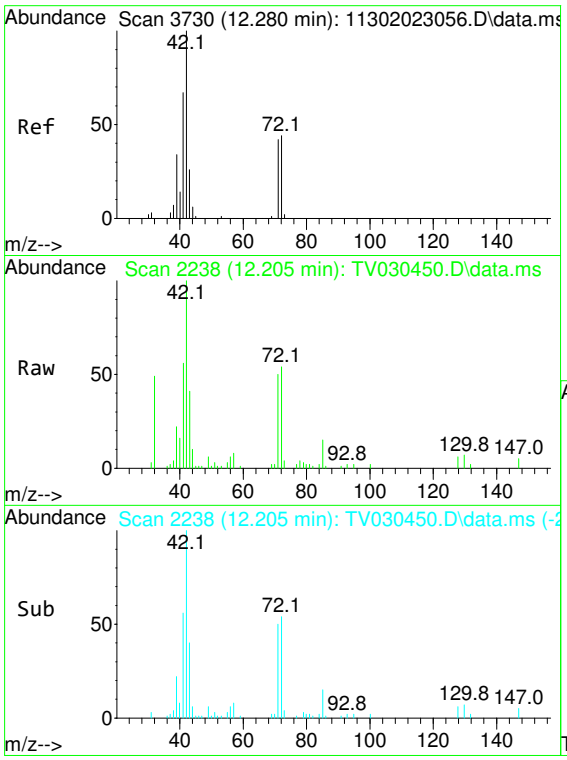


#30
Chloroform
Concen: 0.03 ppbv
RT: 11.875 min Scan# 2137
Delta R.T. -0.007 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 83 Resp: 1965

Ion	Ratio	Lower	Upper
83	100		
85	66.9	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

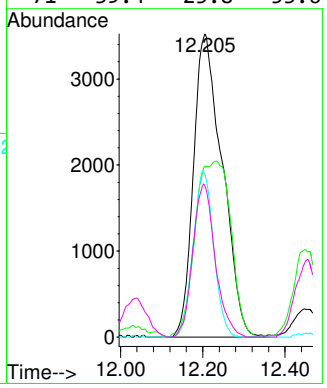


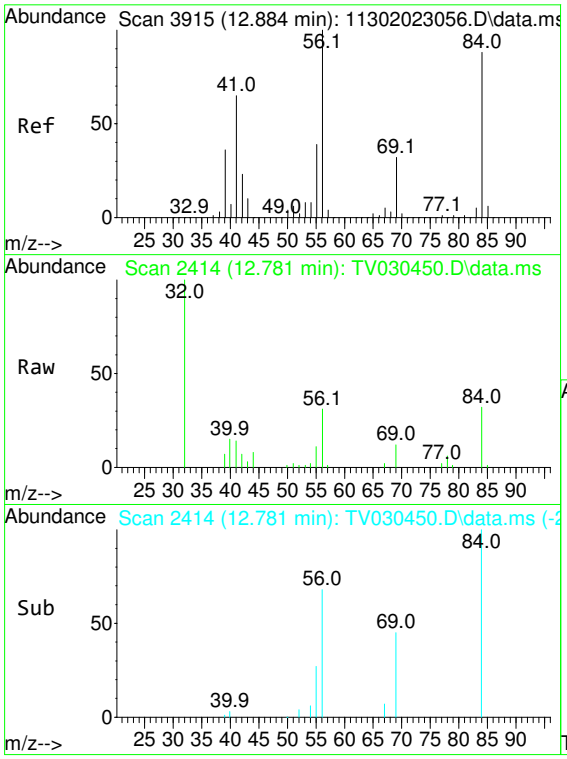


#31
Tetrahydrofuran
Concen: 0.61 ppbv
RT: 12.205 min Scan# 2238
Delta R.T. 0.003 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 42 Resp: 17133

Ion	Ratio	Lower	Upper
42	100		
41	71.8	34.5	71.7#
72	39.2	27.4	56.8
71	39.4	25.8	53.6

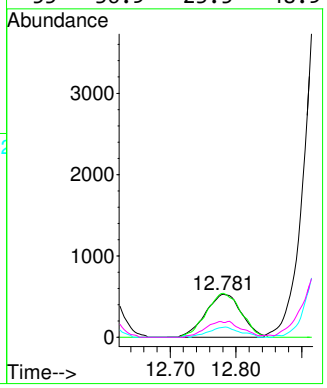


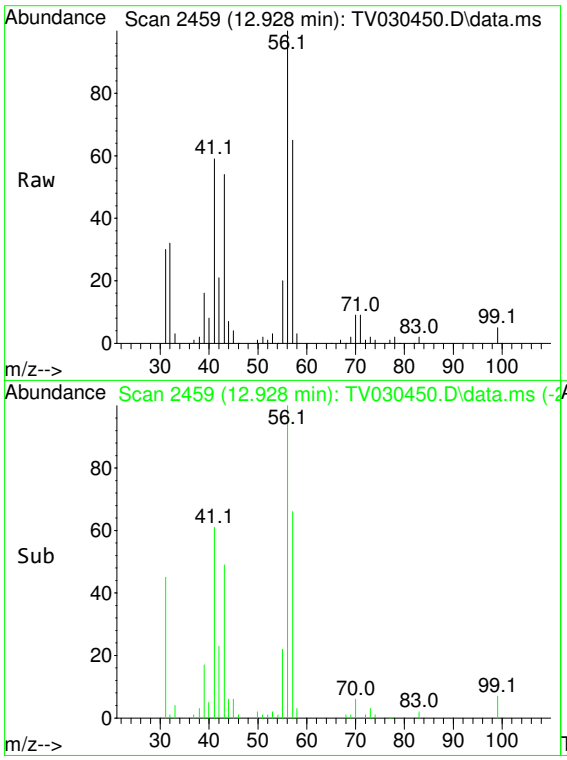


#33
Cyclohexane
Concen: 0.05 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 56 Resp: 2013

Ion	Ratio	Lower	Upper
56	100		
84	99.2	56.4	117.0
42	0.0	15.3	31.7#
55	36.9	23.5	48.9

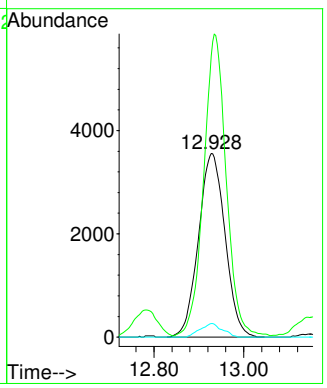


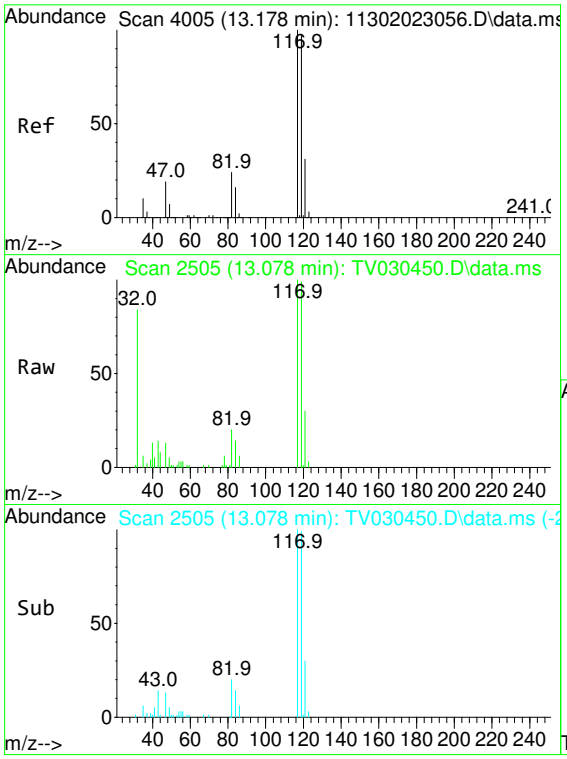


#34
2,2,4-Trimethylpentane
Concen: 0.11 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 57 Resp: 14631

Ion	Ratio	Lower	Upper
57	100		
56	138.4	24.5	45.5#
99	6.2	3.5	6.5

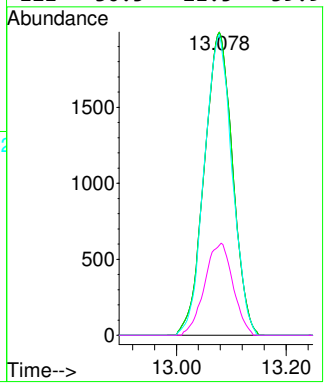


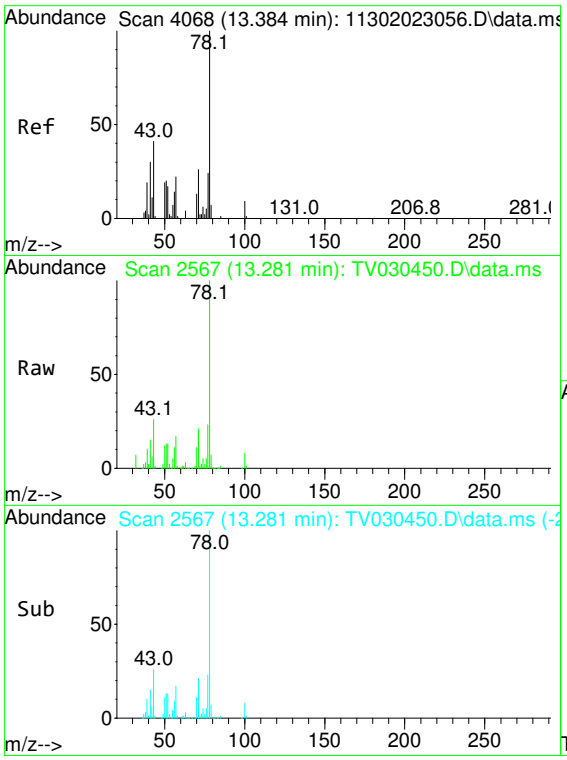


#35
Carbon Tetrachloride
Concen: 0.12 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:117 Resp: 7120

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.4	76.5	114.7
121	30.5	21.5	39.9

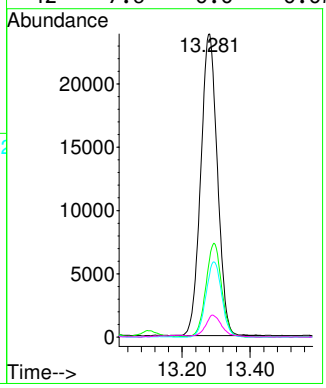


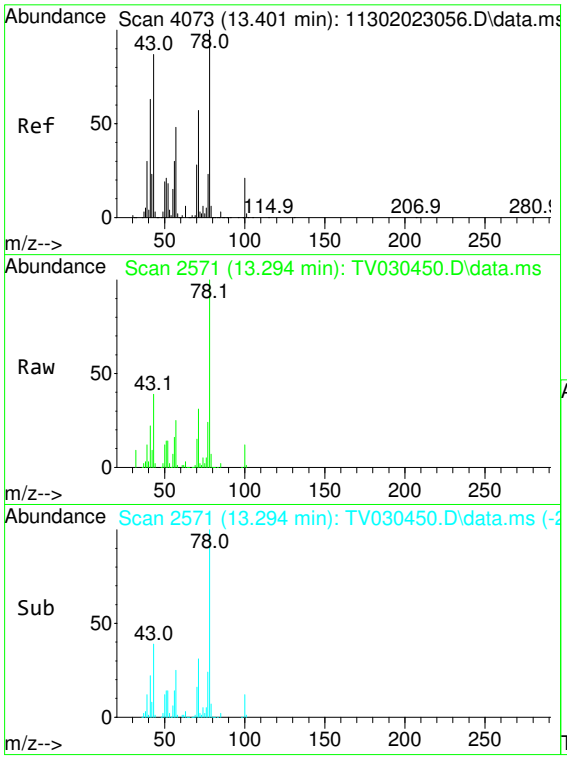


#37
Benzene
Concen: 0.85 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 78 Resp: 80608

Ion	Ratio	Lower	Upper
78	100		
43	29.6	0.0	0.0#
71	24.0	0.0	0.0#
42	7.6	0.0	0.0#

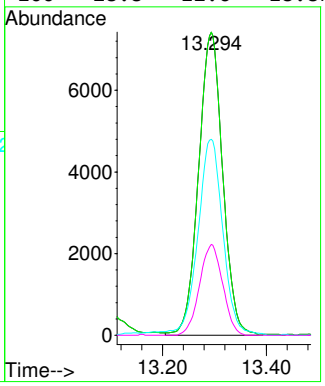


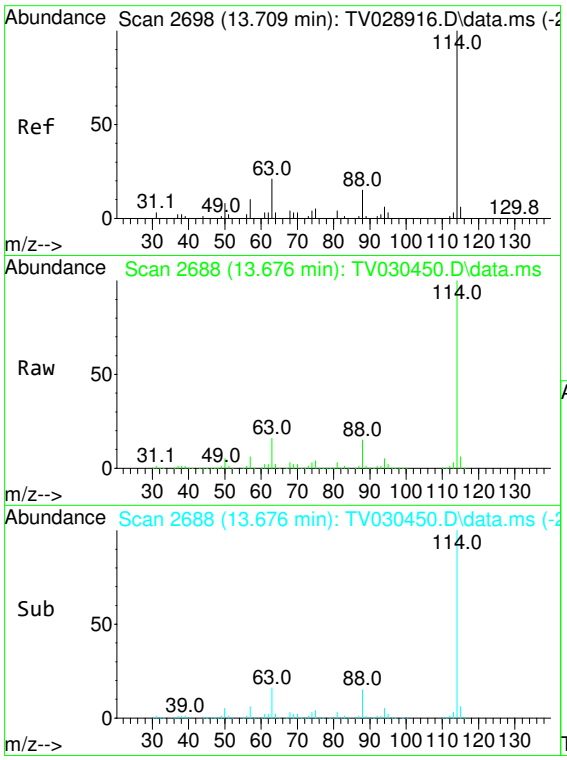


#38
n-Heptane
Concen: 0.57 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 23898

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	68.6	39.8	59.8#
100	28.8	12.6	18.8#

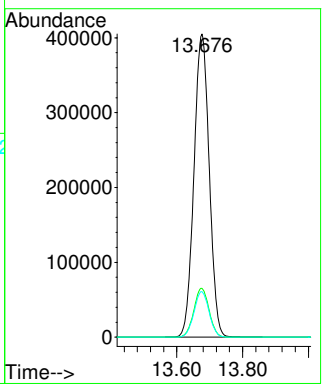


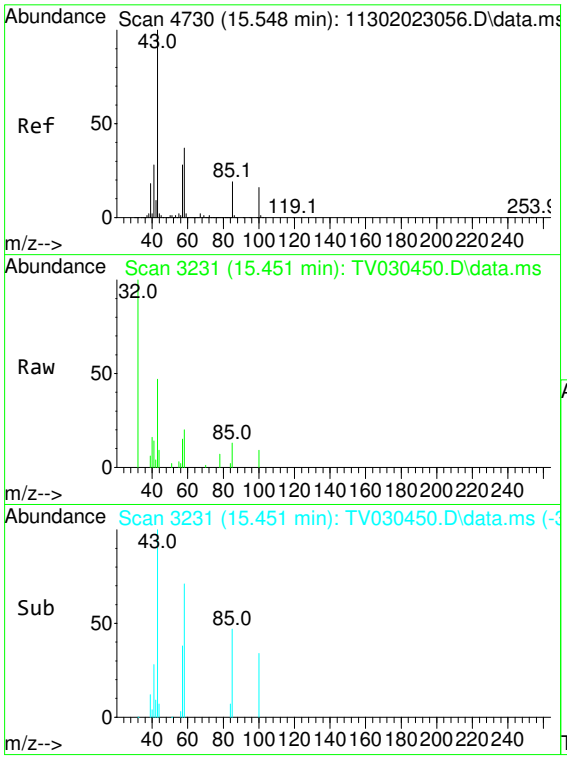


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:114 Resp: 1303635

Ion	Ratio	Lower	Upper
114	100		
63	16.2	14.0	29.2
88	14.9	11.2	23.2

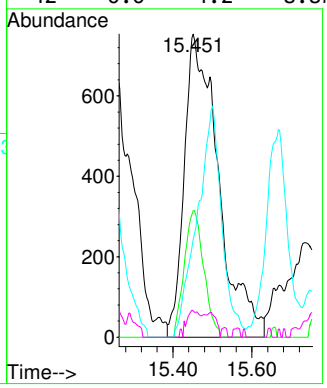


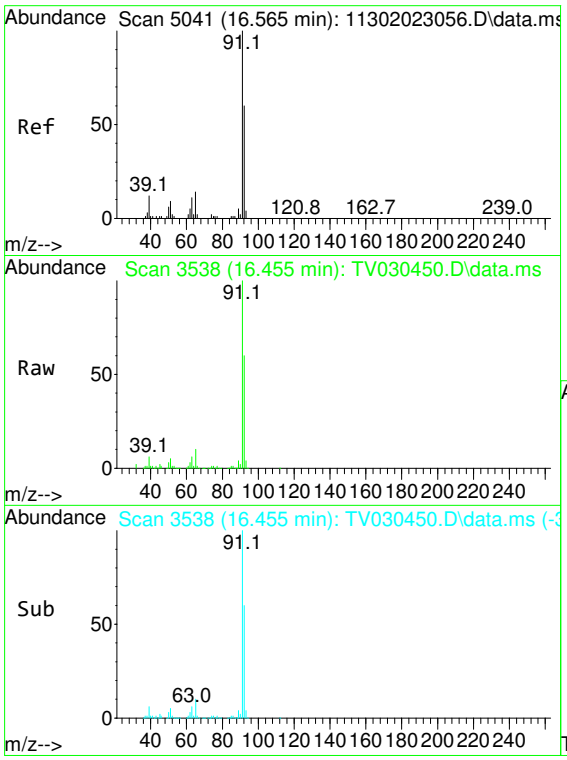


#45
Methyl Isobutyl Ketone
Concen: 0.07 ppbv
RT: 15.451 min Scan# 3231
Delta R.T. -0.003 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 4522

Ion	Ratio	Lower	Upper
43	100		
58	23.8	25.3	52.5#
57	54.7	16.1	33.5#
42	0.0	4.2	8.8#

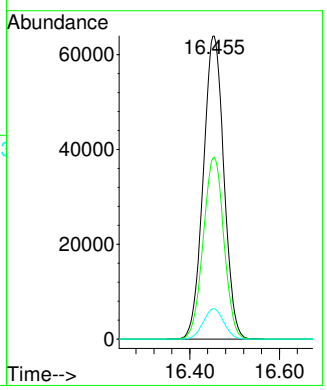


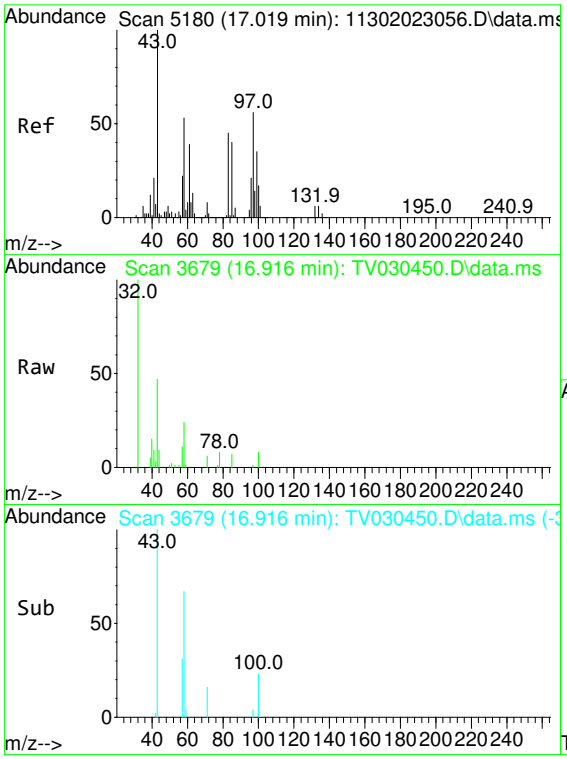


#47
Toluene
Concen: 1.53 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 91 Resp: 203657

Ion	Ratio	Lower	Upper
91	100		
92	60.3	39.0	81.0
65	10.1	7.7	16.1

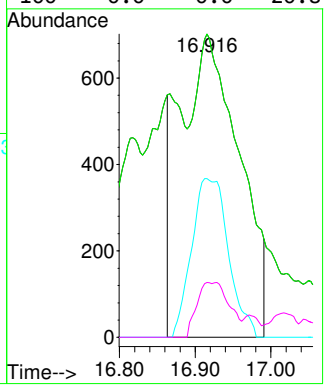


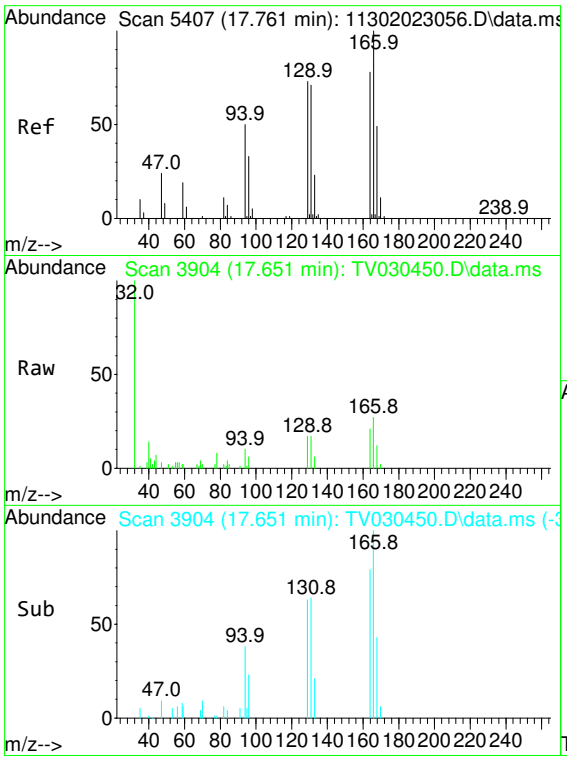


#50
2-Hexanone
Concen: 0.06 ppbv m
RT: 16.916 min Scan# 3679
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 43 Resp: 3792

Ion	Ratio	Lower	Upper
43	100		
43	87.4	80.0	120.0
58	0.0	43.4	65.2#
100	0.0	0.0	20.8

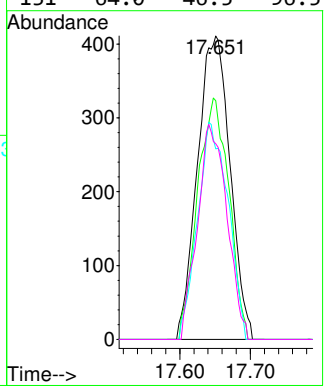


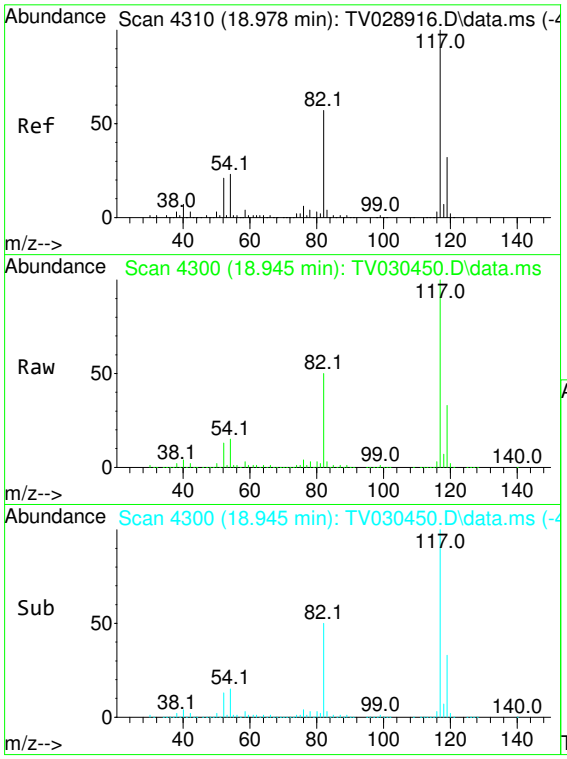


#52
Tetrachloroethylene
Concen: 0.02 ppbv
RT: 17.651 min Scan# 3904
Delta R.T. -0.010 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:166 Resp: 1318

Ion	Ratio	Lower	Upper
166	100		
164	76.4	51.4	106.8
129	66.9	47.0	97.6
131	64.0	46.5	96.5

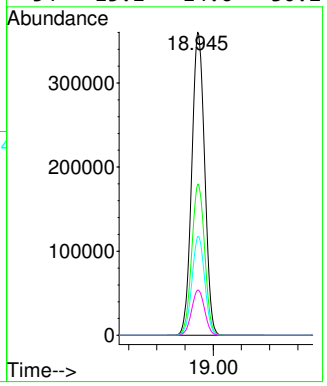


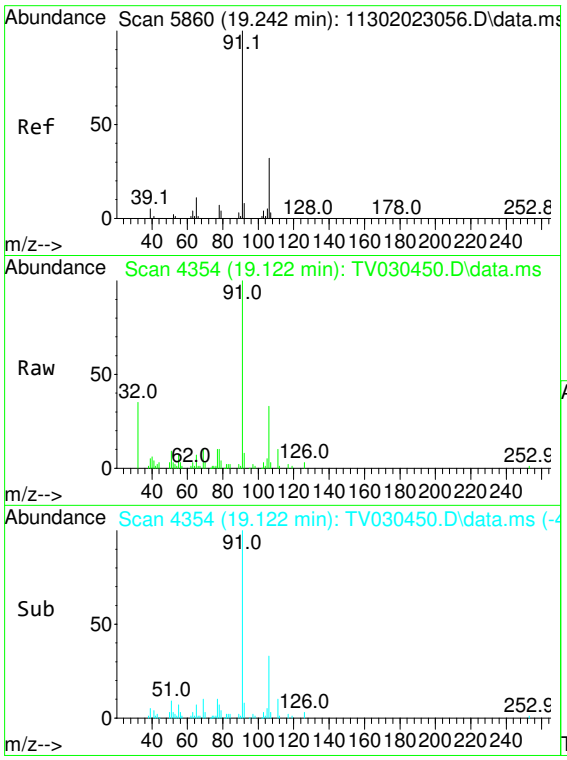


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:117 Resp: 1144583

Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.7	80.5
119	32.3	20.3	42.3
54	15.1	14.6	30.2

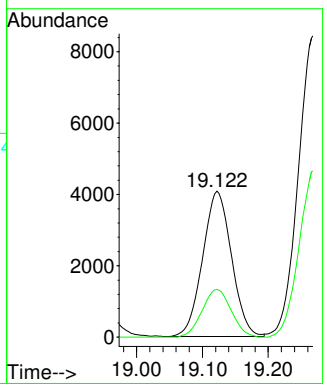


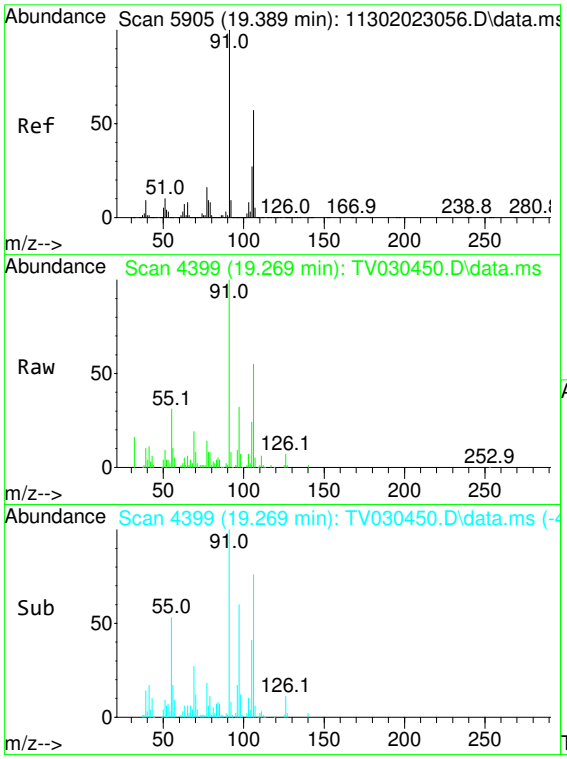


#58
Ethylbenzene
Concen: 0.07 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 91 Resp: 12397

Ion	Ratio	Lower	Upper
91	100		
106	33.2	20.3	42.3

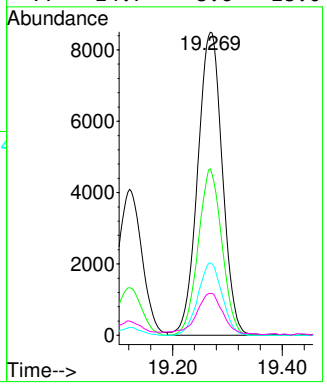


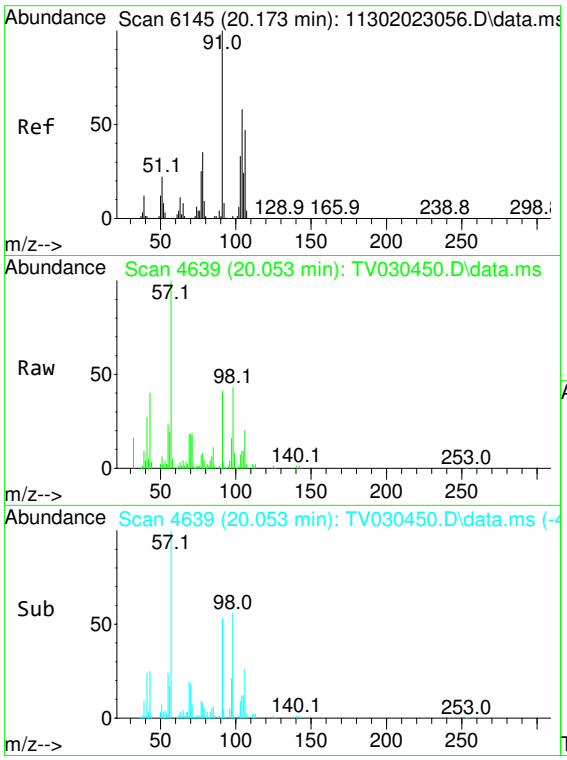


#59
p- & m-Xylenes
Concen: 0.21 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 91 Resp: 26459

Ion	Ratio	Lower	Upper
91	100		
106	52.8	31.0	64.4
105	23.4	13.4	27.8
77	14.7	8.6	18.0

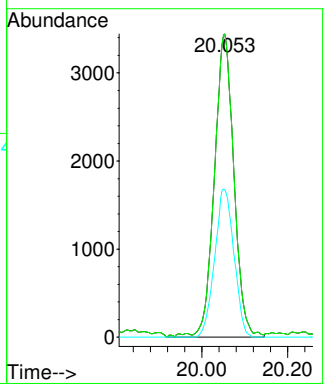


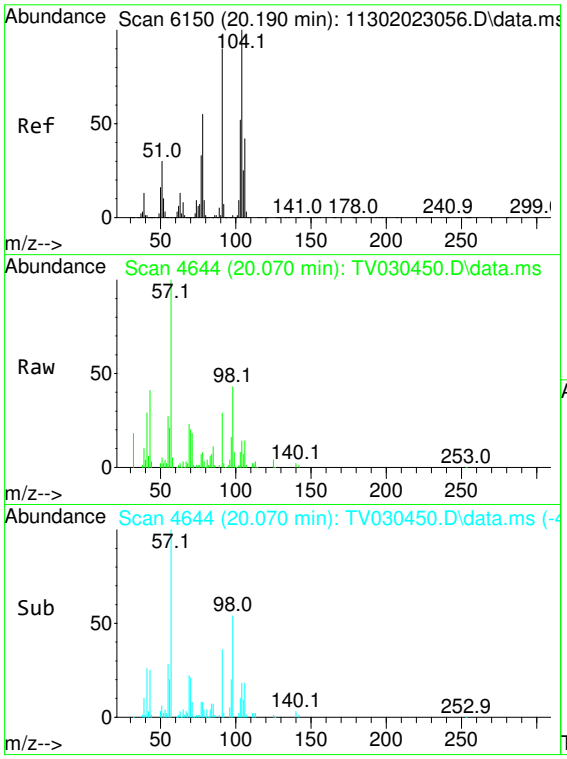


#60
o-Xylene
Concen: 0.08 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 91 Resp: 10882

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	48.0	36.9	55.3

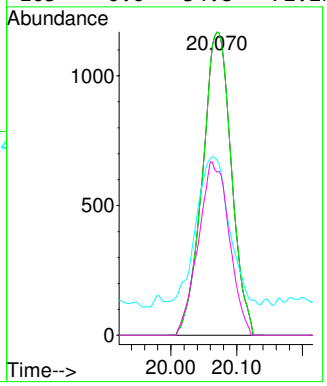


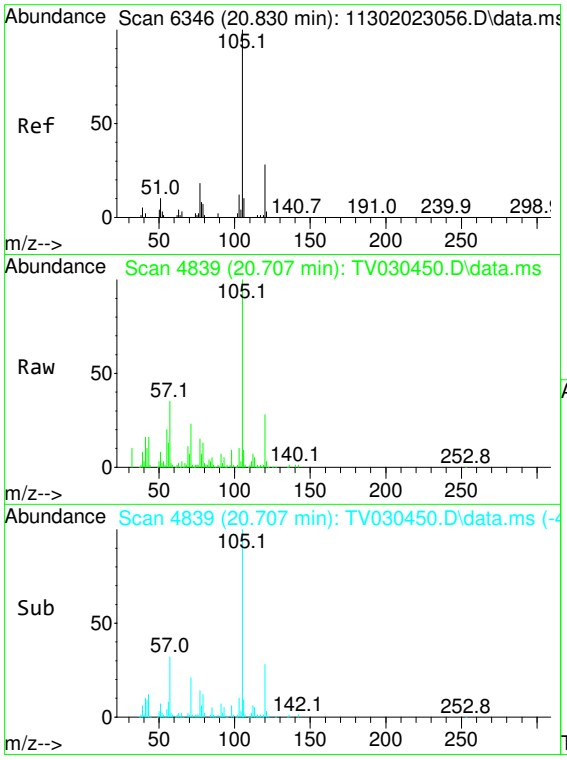


#61
Styrene
Concen: 0.04 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:104 Resp: 3569

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

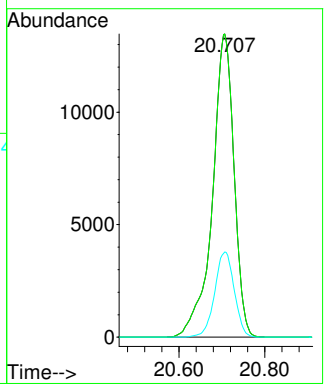


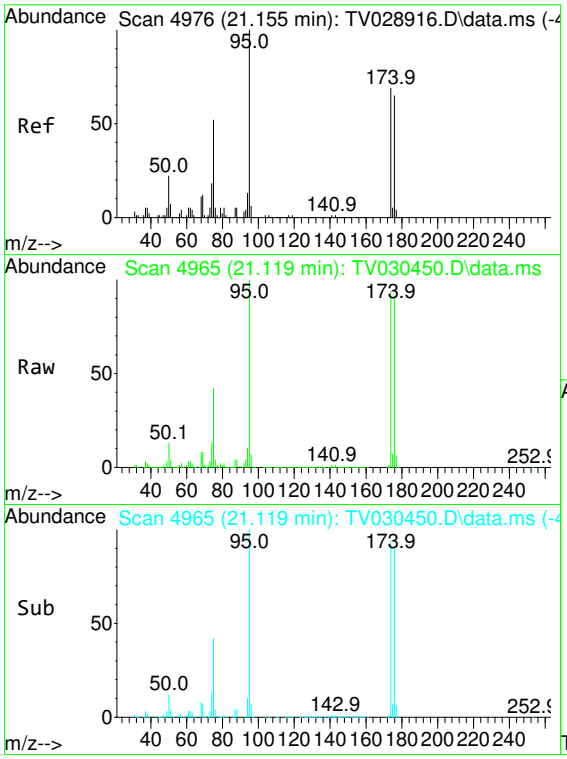


#64
Isopropylbenzene
Concen: 0.25 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:105 Resp: 46931

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	25.6	13.1	39.1

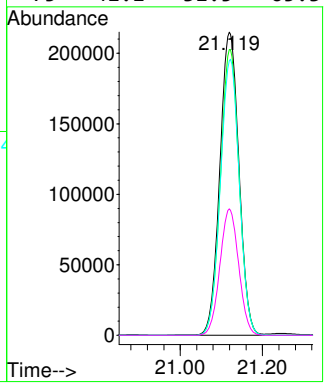


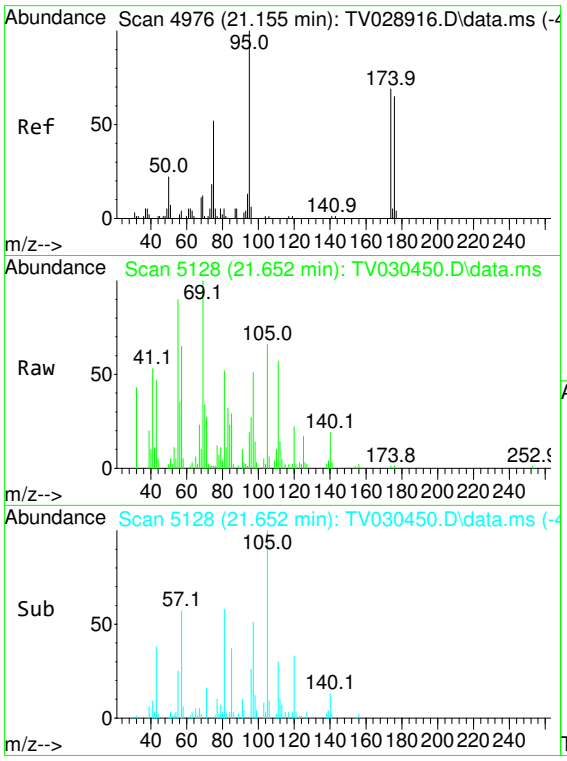


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion: 95 Resp: 692224

Ion	Ratio	Lower	Upper
95	100		
174	92.4	50.0	103.8
176	90.0	48.2	100.2
75	41.1	31.5	65.3

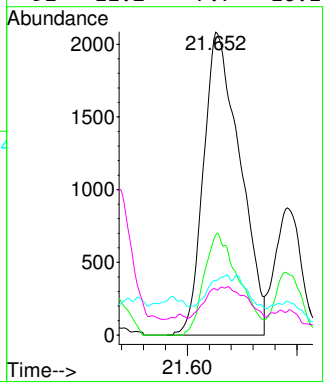


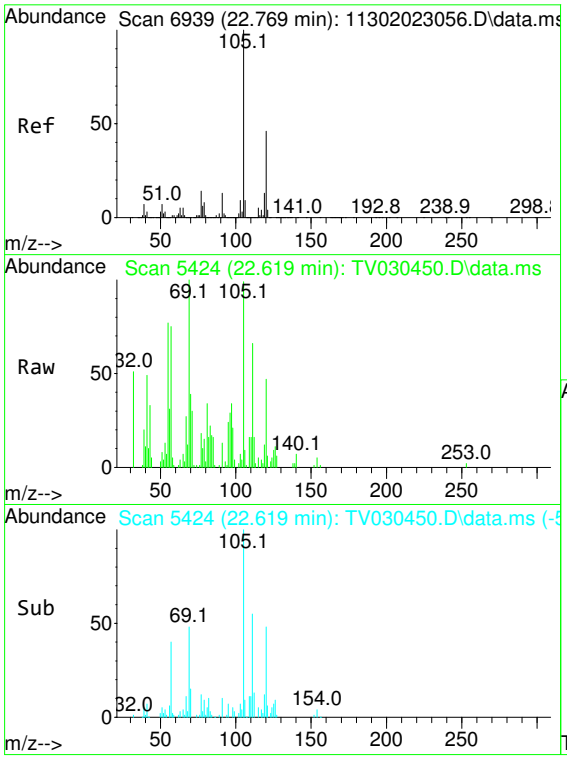


#67
4-Ethyltoluene
Concen: 0.05 ppbv
RT: 21.652 min Scan# 5128
Delta R.T. -0.059 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:105 Resp: 9596

Ion	Ratio	Lower	Upper
105	100		
120	32.3	17.2	35.6
77	12.7	7.6	15.8
91	11.2	7.7	16.1

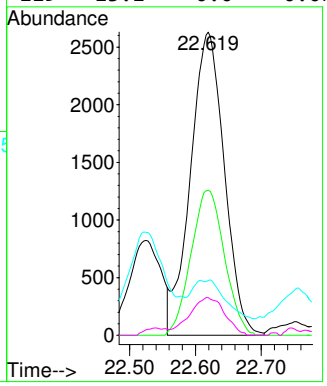


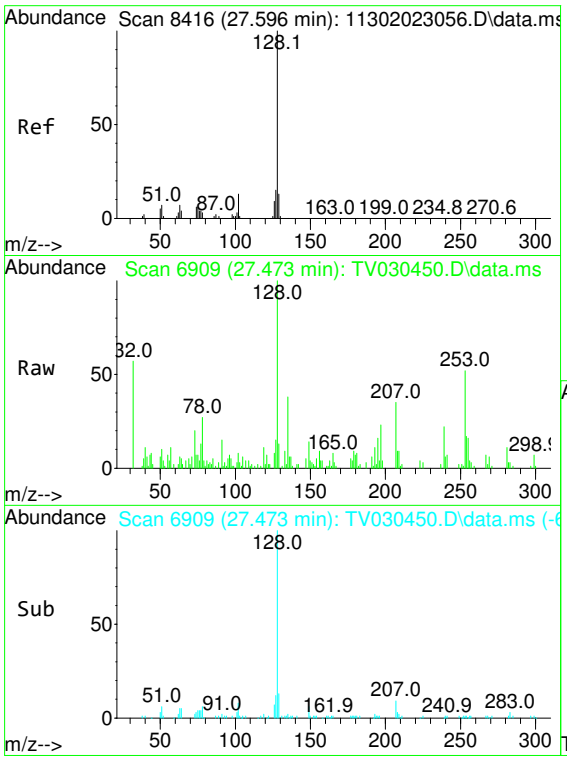


#70
1,2,4-Trimethylbenzene
Concen: 0.06 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:105 Resp: 9414

Ion	Ratio	Lower	Upper
105	100		
120	47.2	29.0	60.2
77	11.5	8.2	17.0
119	13.1	0.0	0.0#

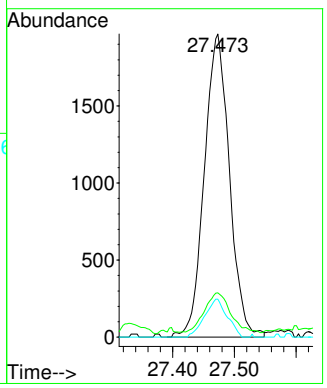




#80
Naphthalene
Concen: 0.03 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030450.D
Acq: 21 Apr 2025 09:30 pm

Tgt Ion:128 Resp: 5559

Ion	Ratio	Lower	Upper
128	100		
127	13.4	8.1	16.9
129	11.4	7.3	15.1



Sample Information

Client Sample ID: **SSV-5 20250326** **York Sample ID:** **25C1721-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
95-63-6	**1,2,4-Trimethylbenzene**	8.1		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
108-67-8	**1,3,5-Trimethylbenzene**	1.6		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
540-84-1	*** 2,2,4-Trimethylpentane**	11		ug/m³	0.34	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
78-93-3	**2-Butanone**	2.5		ug/m³	0.44	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
67-64-1	**Acetone**	38		ug/m³	2.8	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
107-13-1	Acrylonitrile	ND		ug/m³	4.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
71-43-2	**Benzene**	0.85		ug/m³	0.47	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.76	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-25-2	Bromoform	ND		ug/m³	1.5	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
74-83-9	Bromomethane	ND		ug/m³	0.57	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-15-0	**Carbon disulfide**	0.69		ug/m³	0.46	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
56-23-5	**Carbon tetrachloride**	0.46		ug/m³	0.23	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR

Sample Information

Client Sample ID: **SSV-5 20250326** **York Sample ID:** **25C1721-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-00-3	Chloroethane	ND		ug/m³	0.39	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
67-66-3	**Chloroform**	1.1		ug/m³	0.72	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
74-87-3	Chloromethane	ND		ug/m³	0.30	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
110-82-7	Cyclohexane	ND		ug/m³	0.51	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-71-8	**Dichlorodifluoromethane**	2.6		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
141-78-6	*** Ethyl acetate**	5.8		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
100-41-4	**Ethyl Benzene**	12		ug/m³	0.64	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
67-63-0	**Isopropanol**	5.7	CAL-E	ug/m³	2.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.5	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
142-82-5	**n-Heptane**	1.3		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
110-54-3	**n-Hexane**	1.2		ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
95-47-6	**o-Xylene**	6.2		ug/m³	0.64	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
179601-23-1	**p- & m- Xylenes**	17		ug/m³	1.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
622-96-8	*** p-Ethyltoluene**	7.8		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
115-07-1	*** Propylene**	1.7		ug/m³	0.25	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
100-42-5	Styrene	ND		ug/m³	0.63	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
109-99-9	*** Tetrahydrofuran**	1.0		ug/m³	0.87	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
108-88-3	**Toluene**	16		ug/m³	0.56	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	0.83	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR
74-97-5	*Internal Standard: Bromochloromethan*	*106 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*105 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030457.D
Acq On : 22 Apr 2025 02:54 am
Operator : YR
Sample : 25C1721-09
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.476
InstName : TO15_AIR3

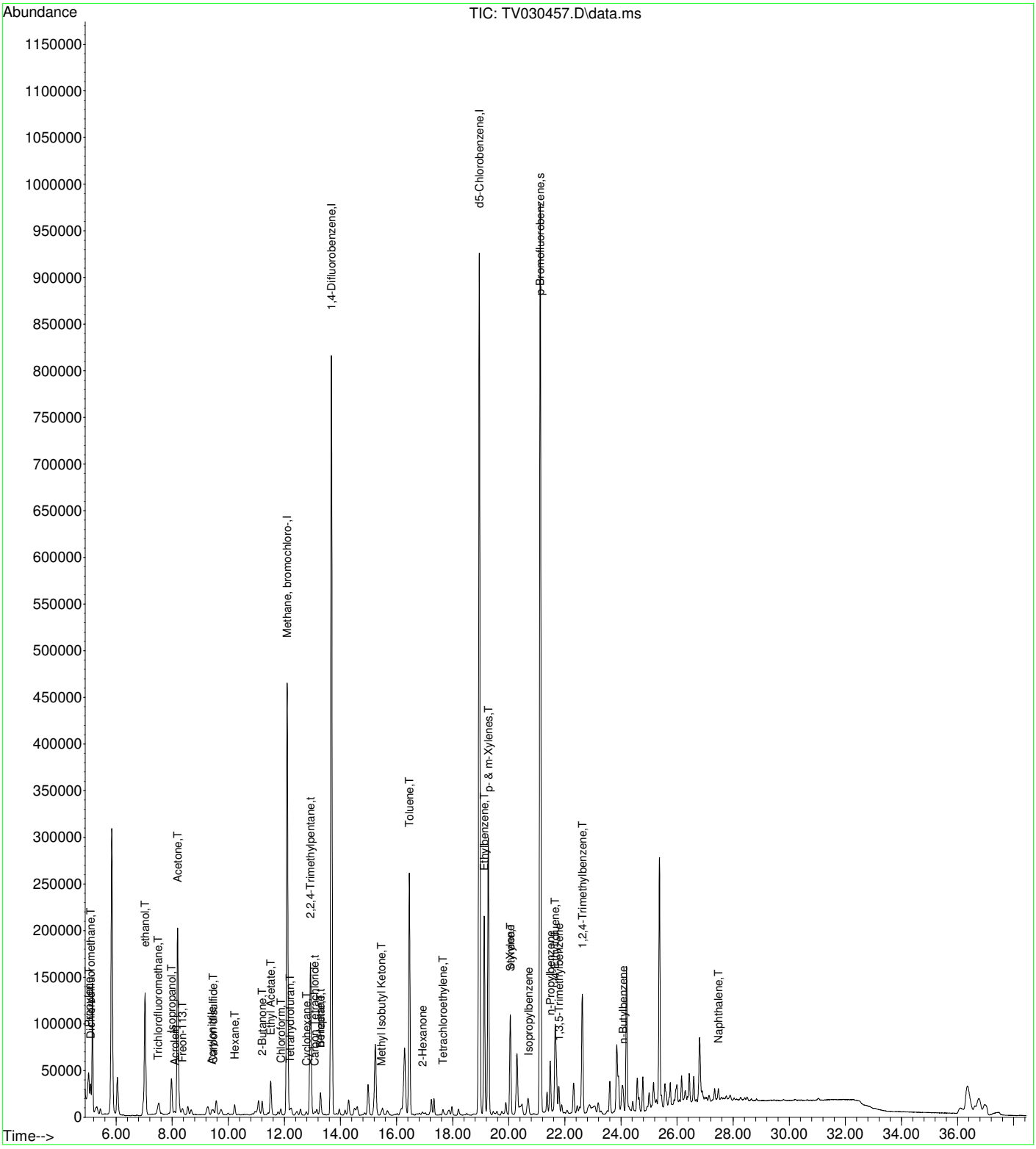
Quant Time: Apr 22 07:19:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

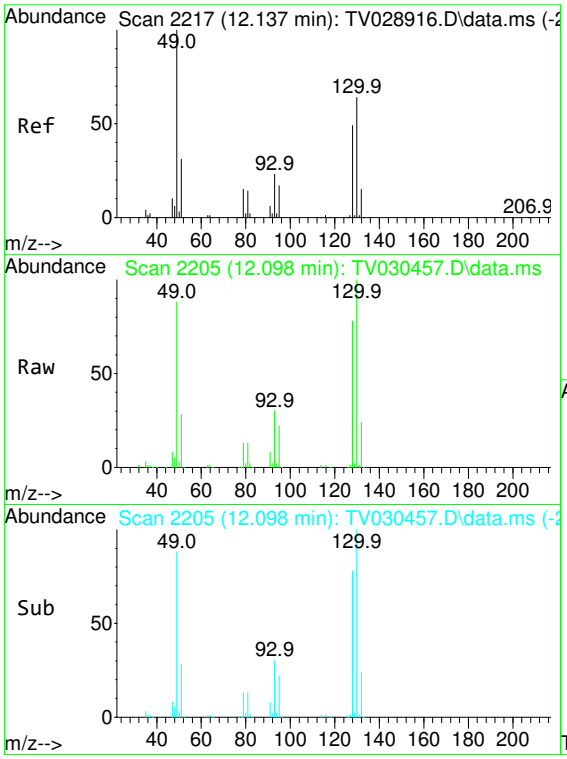
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.098	49	312563	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1285281	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.945	117	1105377	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	683378	0.34	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 3.40%#				
Target Compounds							Qvalue
2) Propylene	5.024	42	8721	0.67	ppbv	#	56
3) Dichlorodifluoromethane	5.093	85	25903	0.36	ppbv		100
10) ethanol	7.031	45	146971	11.17	ppbv		88
12) Trichlorofluoromethane	7.489	101	12189	0.18	ppbv		99
13) Isopropanol	7.972	45	87683	1.58	ppbv		100
14) Acrolein	8.090	56	3494	0.29	ppbv	#	100
15) Acetone	8.191	43	410371	10.98	ppbv	#	75
16) Freon-113	8.361	101	3427	0.06	ppbv		93
20) Acrylonitrile	9.414	53	6875	0.29	ppbv	#	100
21) Carbon disulfide	9.463	76	12254	0.15	ppbv		91
24) Hexane	10.225	57	10319	0.24	ppbv		89
27) 2-Butanone	11.205	43	28822	0.58	ppbv	#	84
28) Ethyl Acetate	11.509	43	61663	1.09	ppbv	#	93
30) Chloroform	11.872	83	9472	0.15	ppbv		97
31) Tetrahydrofuran	12.202	42	6510	0.24	ppbv	#	87
33) Cyclohexane	12.781	56	3205	0.07	ppbv		90
34) 2,2,4-Trimethylpentane	12.928	57	198890	1.53	ppbv	#	54
35) Carbon Tetrachloride	13.075	117	2758	0.05	ppbv	#	91
37) Benzene	13.281	78	16914	0.18	ppbv	#	100
38) n-Heptane	13.291	43	9205	0.22	ppbv	#	88
45) Methyl Isobutyl Ketone	15.458	43	5206m	0.08	ppbv		
47) Toluene	16.455	91	367075	2.79	ppbv		98
50) 2-Hexanone	16.922	43	4552	0.08	ppbv		95
52) Tetrachloroethylene	17.644	166	2762	0.05	ppbv		93
58) Ethylbenzene	19.122	91	304382	1.89	ppbv		97
59) p- & m-Xylenes	19.269	91	328548	2.69	ppbv		93
60) o-Xylene	20.053	91	122503	0.97	ppbv		98
61) Styrene	20.057	104	4761	0.05	ppbv	#	74
63) n-Propylbenzene	21.475	91	90419	0.43	ppbv		99
64) Isopropylbenzene	20.704	105	11351	0.06	ppbv		100
67) 4-Ethyltoluene	21.655	105	187037	1.07	ppbv		93
68) 1,3,5-Trimethylbenzene	21.786	105	33141	0.22	ppbv		97
70) 1,2,4-Trimethylbenzene	22.619	105	168407	1.11	ppbv	#	94
76) n-Butylbenzene	24.077	91	15502	0.10	ppbv	#	93
80) Naphthalene	27.473	128	17829	0.11	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030457.D
Acq On : 22 Apr 2025 02:54 am
Operator : YR
Sample : 25C1721-09
Misc : QBTO3032725A 1X
ALS Vial : 10 Sample Multiplier: 1.476
InstName : TO15_AIR3

Quant Time: Apr 22 07:19:15 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

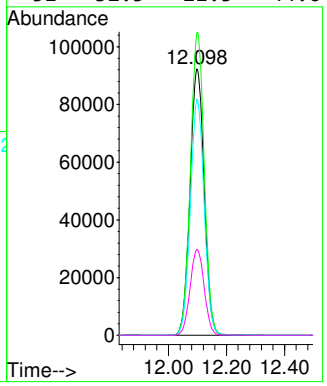


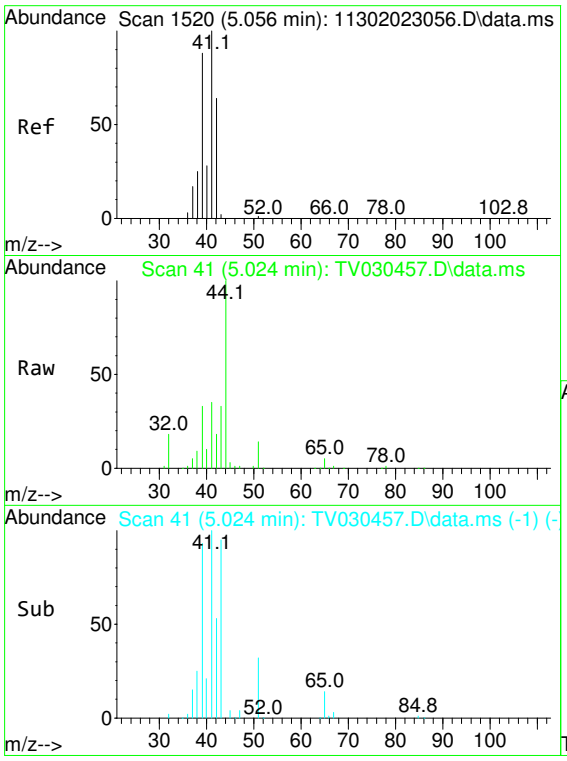


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.098 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 49 Resp: 312563

Ion	Ratio	Lower	Upper
49	100		
130	111.8	44.5	92.3#
128	86.8	34.7	72.1#
51	32.5	21.5	44.6

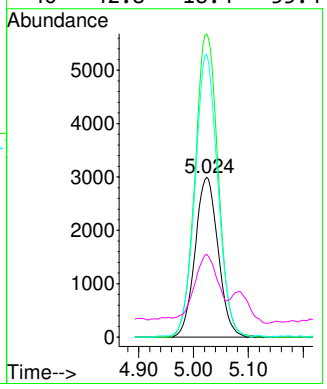


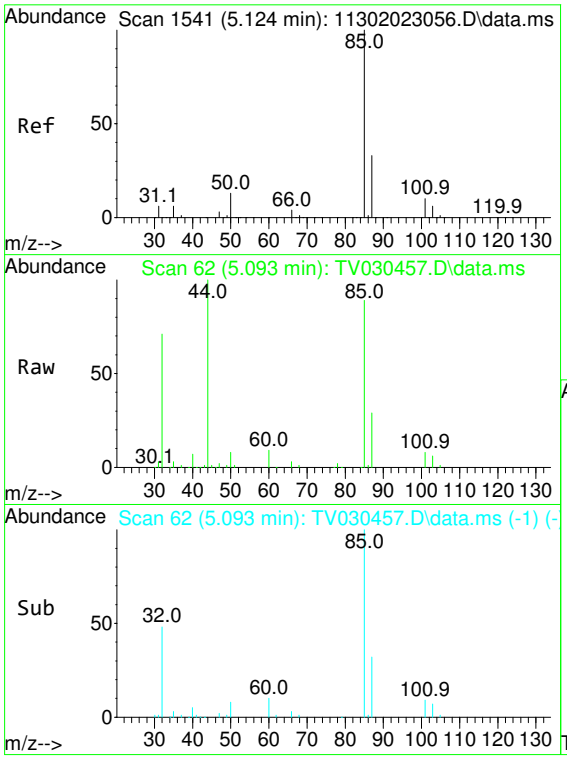


#2
Propylene
Concen: 0.67 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 42 Resp: 8721

Ion	Ratio	Lower	Upper
42	100		
41	190.6	88.9	207.5
39	176.5	52.2	156.6#
40	42.8	18.4	55.4

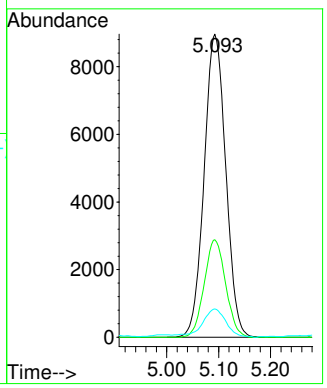


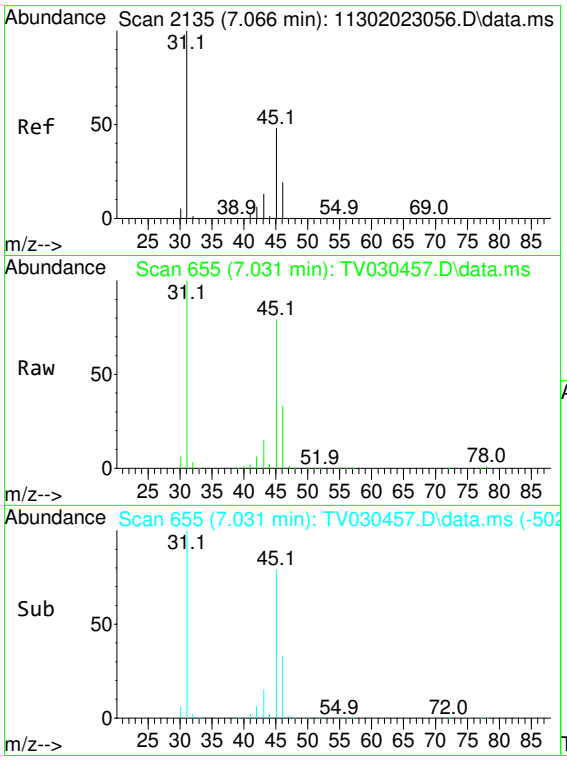


#3
Dichlorodifluoromethane
Concen: 0.36 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 85 Resp: 25903

Ion	Ratio	Lower	Upper
85	100		
87	31.9	21.0	43.6
50	10.5	6.8	14.2

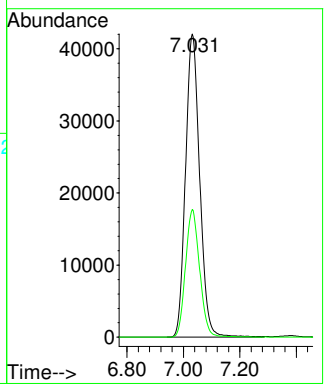


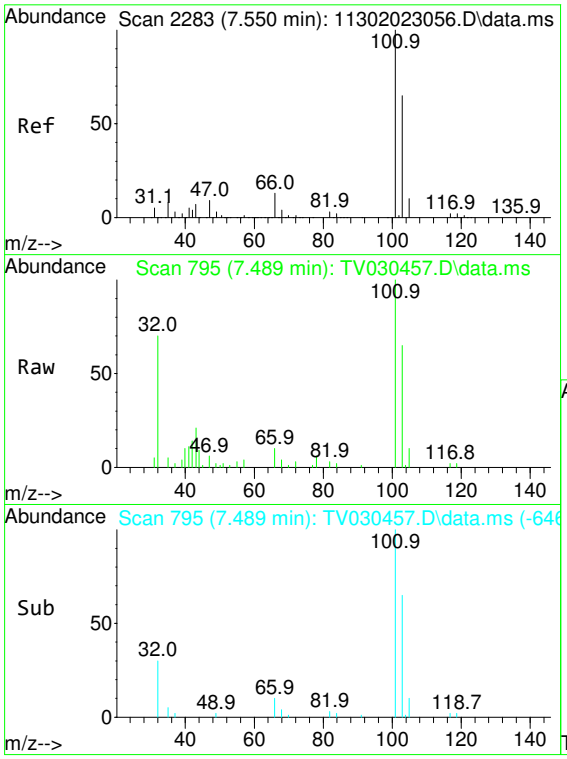


#10
ethanol
Concen: 11.17 ppbv
RT: 7.031 min Scan# 655
Delta R.T. 0.000 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 45 Resp: 146971

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

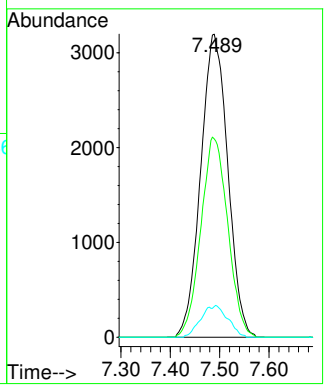


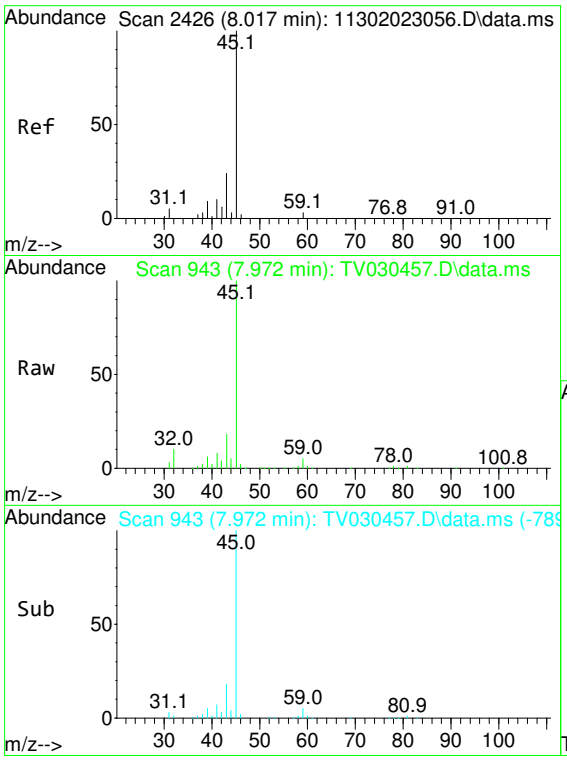


#12
Trichlorofluoromethane
Concen: 0.18 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:101 Resp: 12189

Ion	Ratio	Lower	Upper
101	100		
103	65.6	42.4	88.0
66	10.5	7.9	16.5

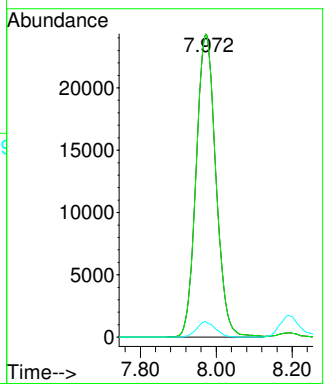


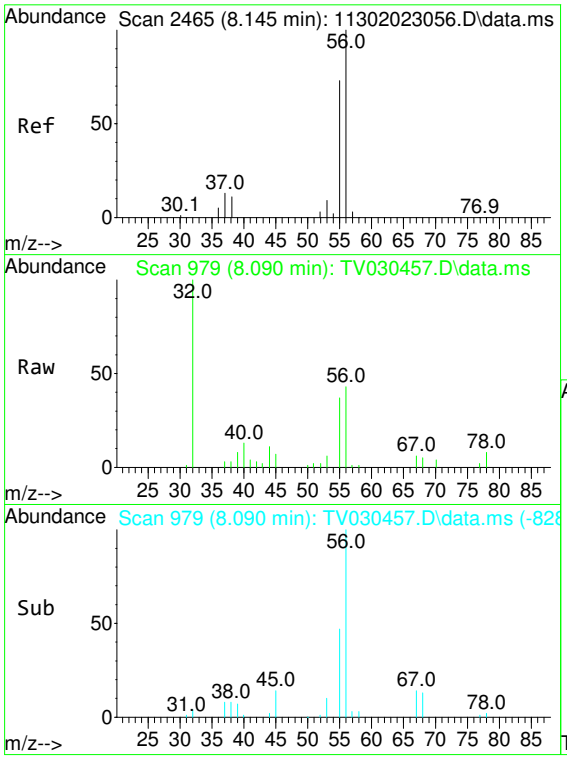


#13
Isopropanol
Concen: 1.58 ppbv
RT: 7.972 min Scan# 943
Delta R.T. 0.003 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 45 Resp: 87683

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.9	0.0	8.4

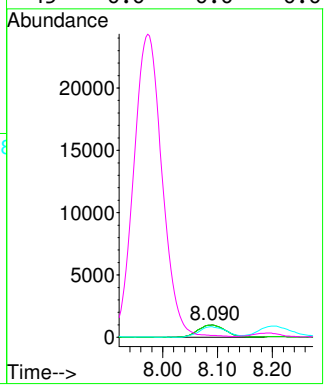


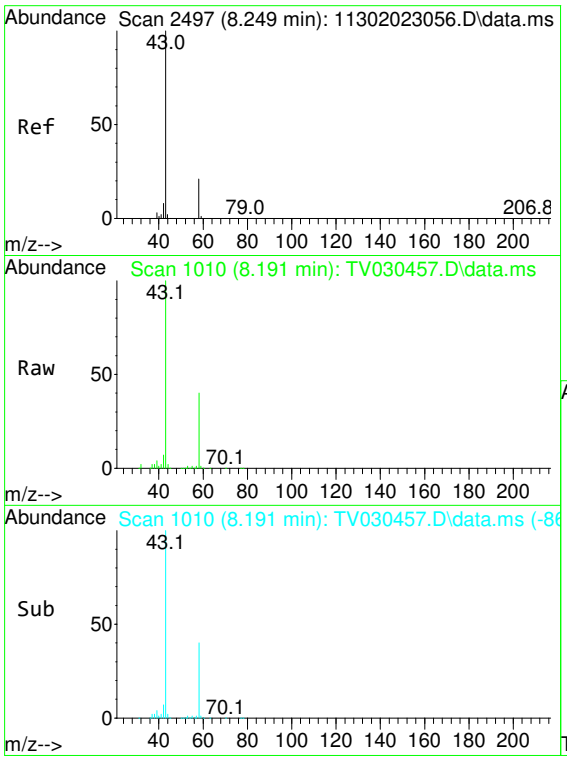


#14
Acrolein
Concen: 0.29 ppbv
RT: 8.090 min Scan# 979
Delta R.T. -0.007 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 56 Resp: 3494

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

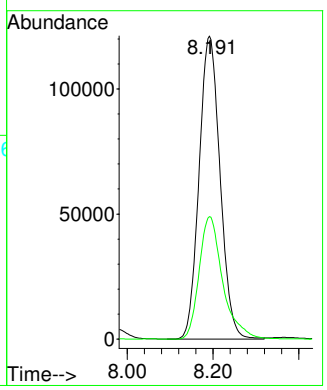


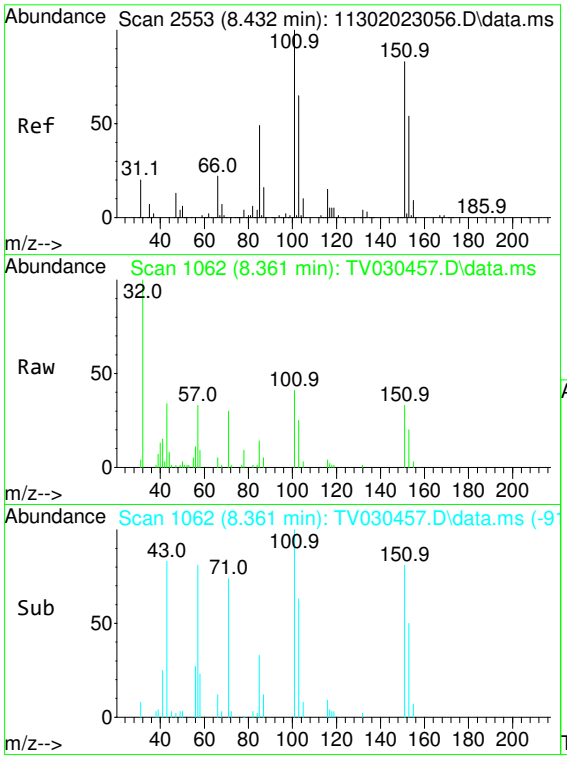


#15
Acetone
Concen: 10.98 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 410371

Ion	Ratio	Lower	Upper
43	100		
58	45.8	20.7	42.9#

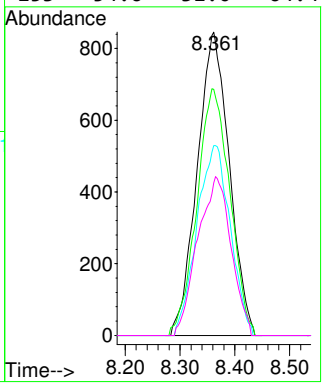


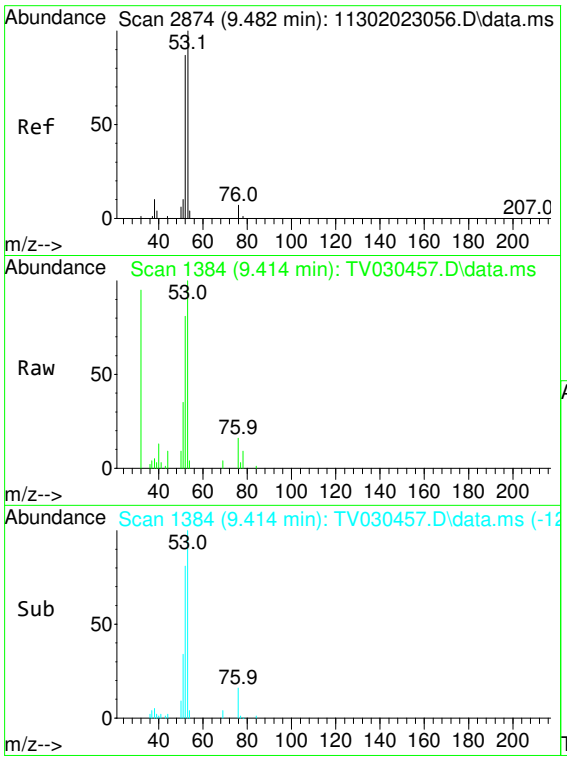


#16
Freon-113
Concen: 0.06 ppbv
RT: 8.361 min Scan# 1062
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:101 Resp: 3427

Ion	Ratio	Lower	Upper
101	100		
151	83.8	48.6	100.8
103	65.1	42.0	87.2
153	54.6	31.0	64.4

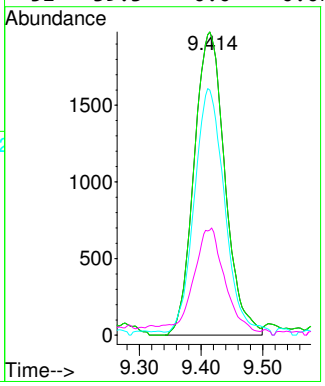


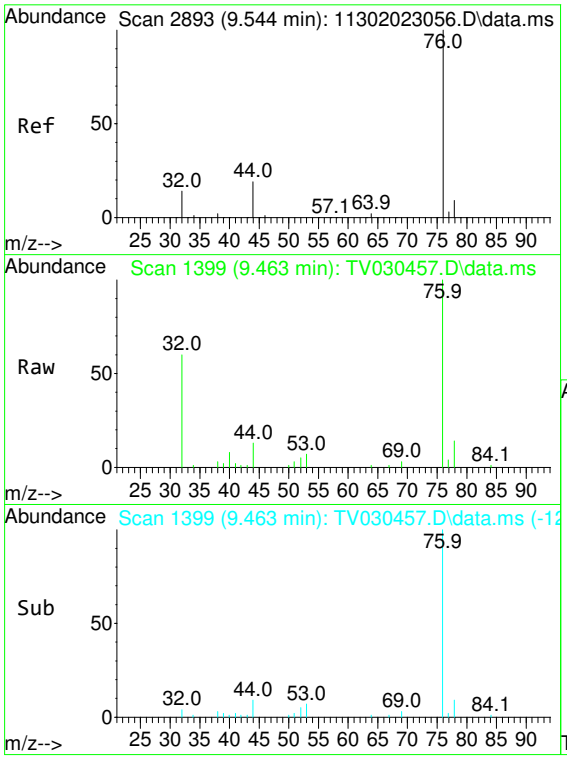


#20
Acrylonitrile
Concen: 0.29 ppbv
RT: 9.414 min Scan# 1384
Delta R.T. -0.007 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 53 Resp: 6875

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	39.3	0.0	0.0#

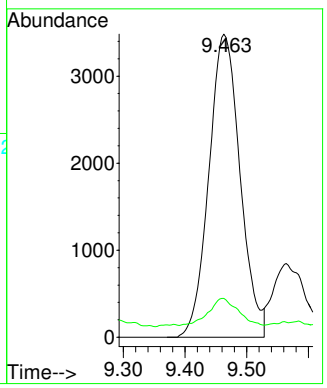


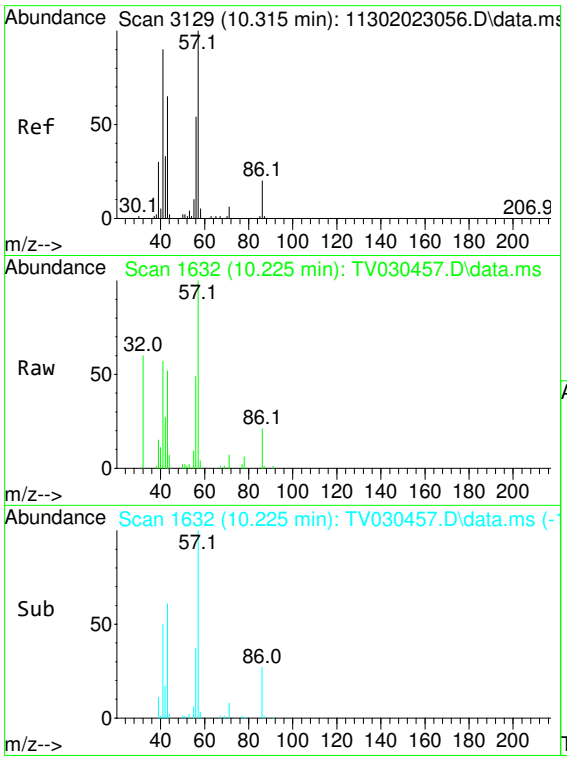


#21
Carbon disulfide
Concen: 0.15 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 76 Resp: 12254

Ion	Ratio	Lower	Upper
76	100		
44	9.5	8.4	17.4

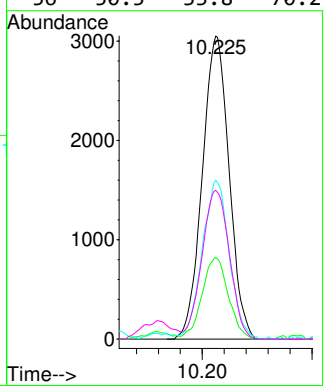


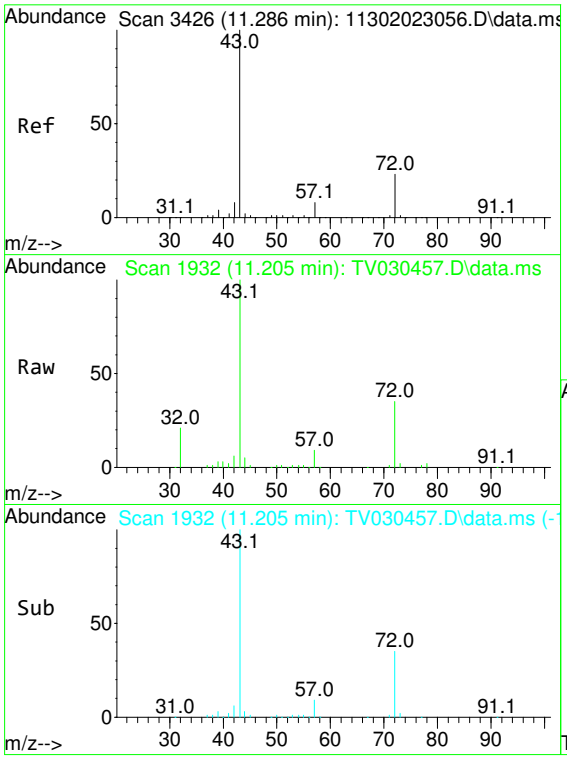


#24
Hexane
Concen: 0.24 ppbv
RT: 10.225 min Scan# 1632
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 57 Resp: 10319

Ion	Ratio	Lower	Upper
57	100		
42	26.5	22.2	46.0
43	53.1	42.9	89.1
56	50.5	33.8	70.2

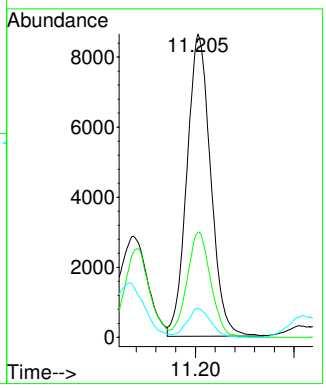


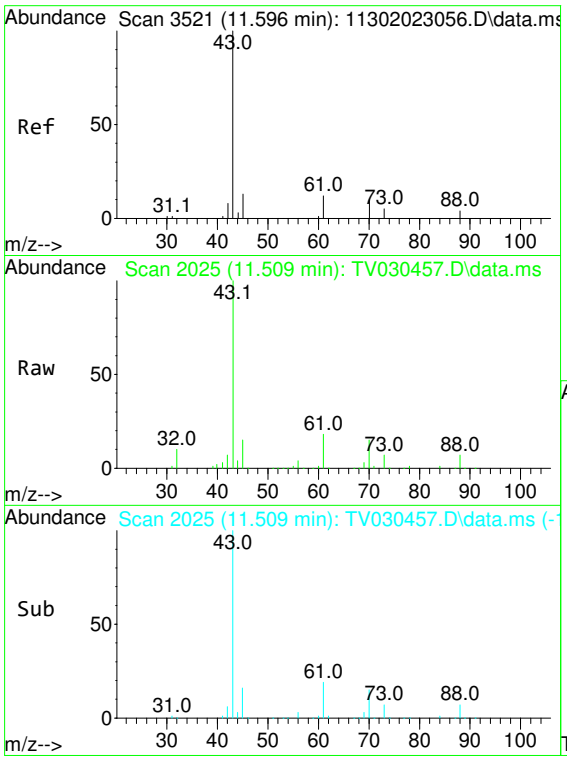


#27
2-Butanone
Concen: 0.58 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 28822

Ion	Ratio	Lower	Upper
43	100		
72	35.2	16.4	34.2#
57	9.5	5.0	10.4

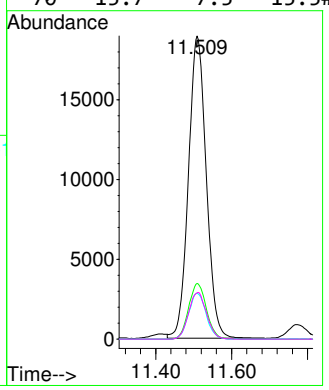


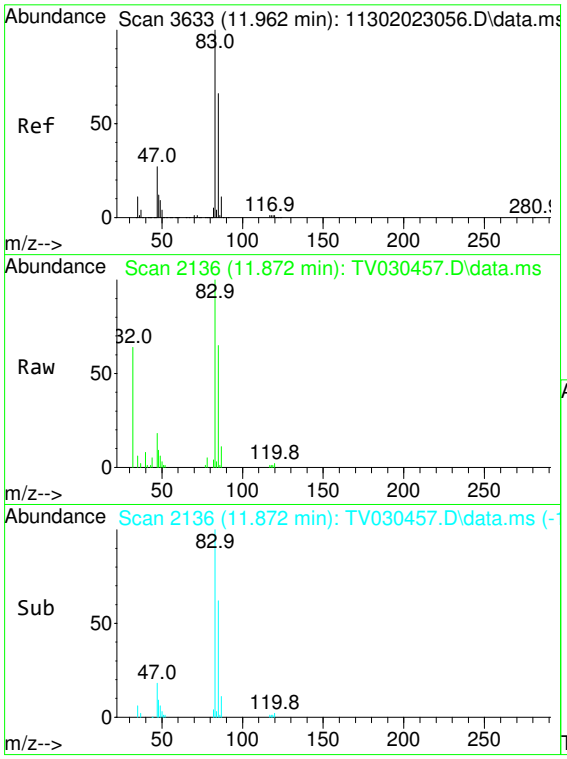


#28
Ethyl Acetate
Concen: 1.09 ppbv
RT: 11.509 min Scan# 2025
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 61663

Ion	Ratio	Lower	Upper
43	100		
61	18.5	9.2	19.2
45	15.0	9.4	19.6
70	15.7	7.5	15.5#

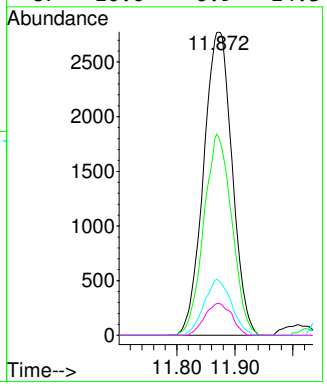


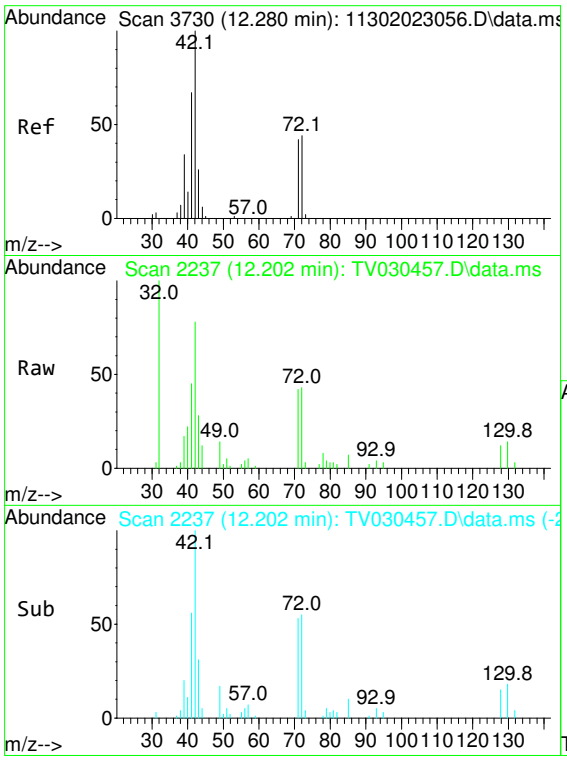


#30
Chloroform
Concen: 0.15 ppbv
RT: 11.872 min Scan# 2136
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 83 Resp: 9472

Ion	Ratio	Lower	Upper
83	100		
85	65.1	42.2	87.6
47	17.6	14.8	30.8
87	10.0	6.9	14.3

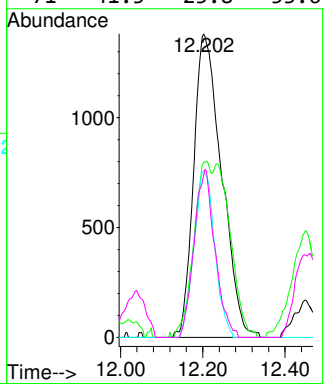


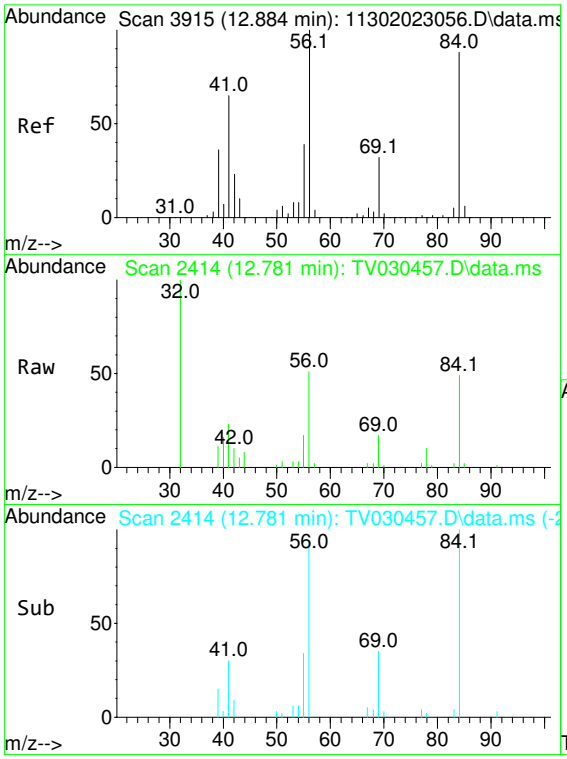


#31
Tetrahydrofuran
Concen: 0.24 ppbv
RT: 12.202 min Scan# 2237
Delta R.T. -0.000 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 42 Resp: 6510

Ion	Ratio	Lower	Upper
42	100		
41	73.1	34.5	71.7#
72	40.9	27.4	56.8
71	41.5	25.8	53.6

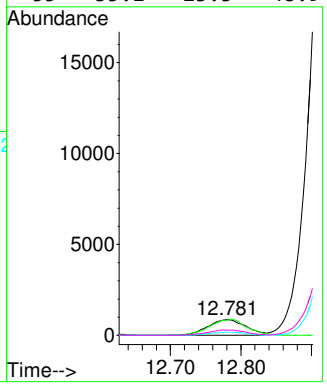


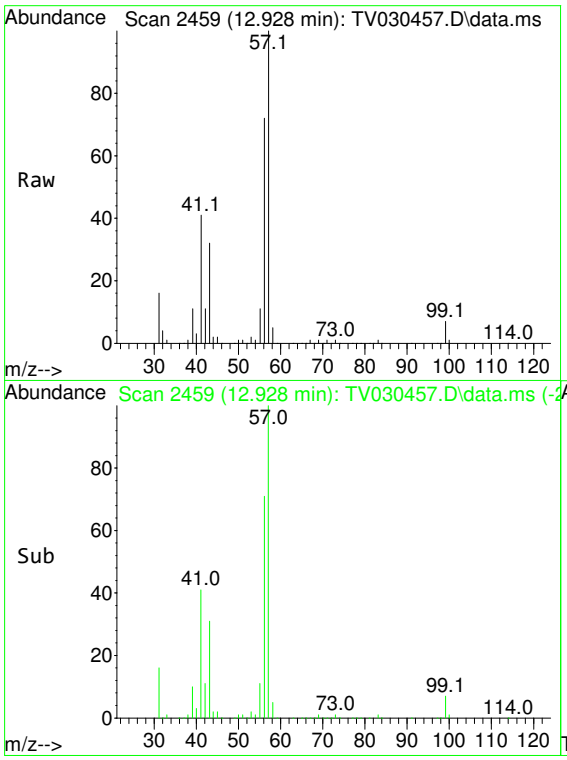


#33
Cyclohexane
Concen: 0.07 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 56 Resp: 3205

Ion	Ratio	Lower	Upper
56	100		
84	99.2	56.4	117.0
42	19.0	15.3	31.7
55	35.1	23.5	48.9

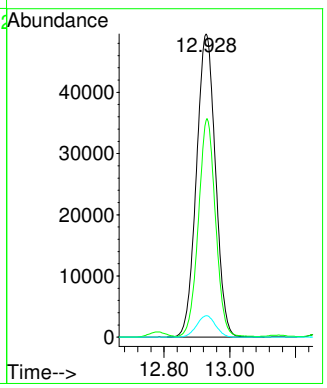


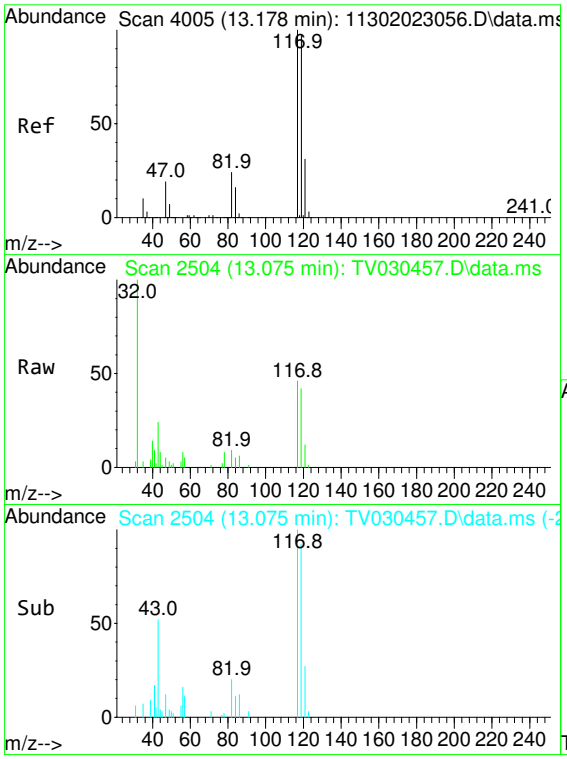


#34
2,2,4-Trimethylpentane
Concen: 1.53 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 57 Resp: 198890

Ion	Ratio	Lower	Upper
57	100		
56	65.0	24.5	45.5#
99	7.1	3.5	6.5#

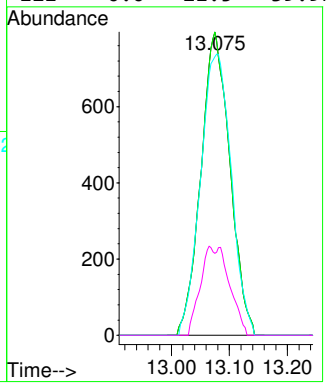


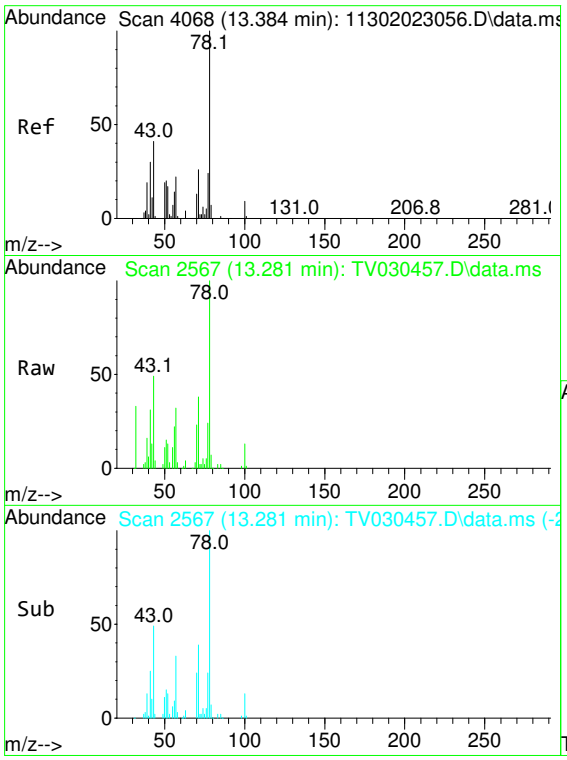


#35
Carbon Tetrachloride
Concen: 0.05 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:117 Resp: 2758

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	98.5	76.5	114.7
121	0.0	21.5	39.9#

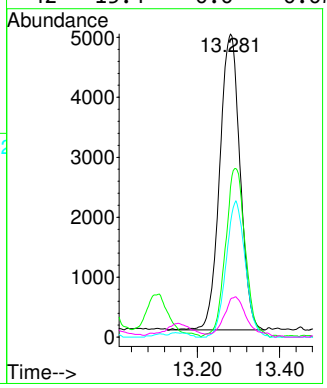


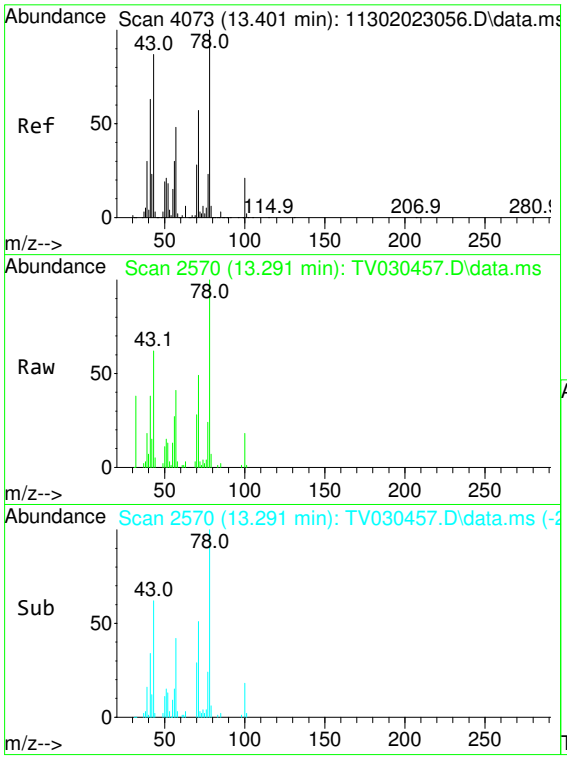


#37
Benzene
Concen: 0.18 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 78 Resp: 16914

Ion	Ratio	Lower	Upper
78	100		
43	54.4	0.0	0.0#
71	43.5	0.0	0.0#
42	15.4	0.0	0.0#

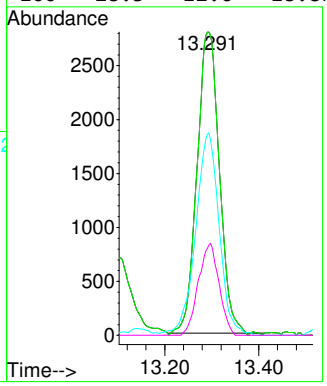


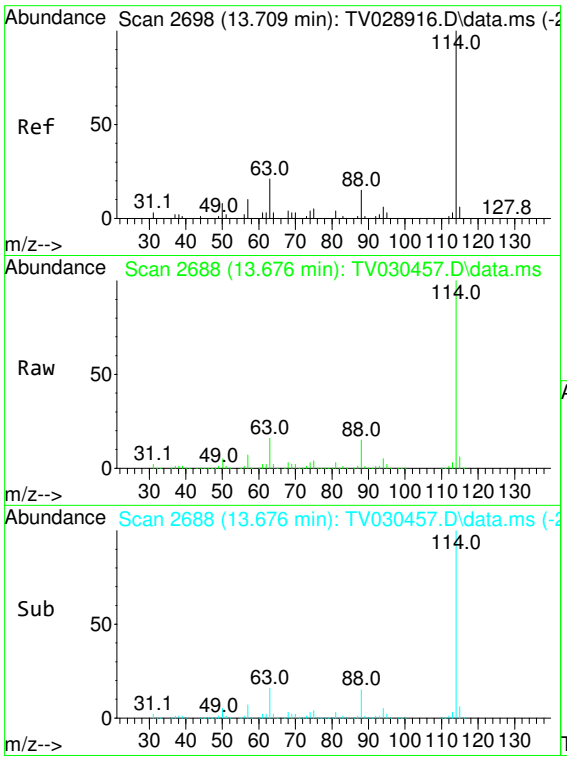


#38
n-Heptane
Concen: 0.22 ppbv
RT: 13.291 min Scan# 2570
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 9205

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	71.3	39.8	59.8#
100	28.3	12.6	18.8#

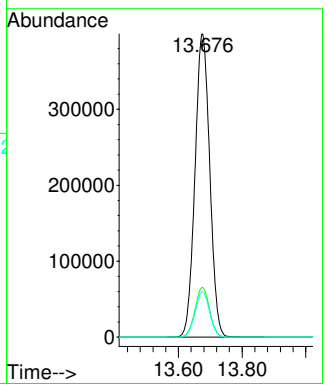


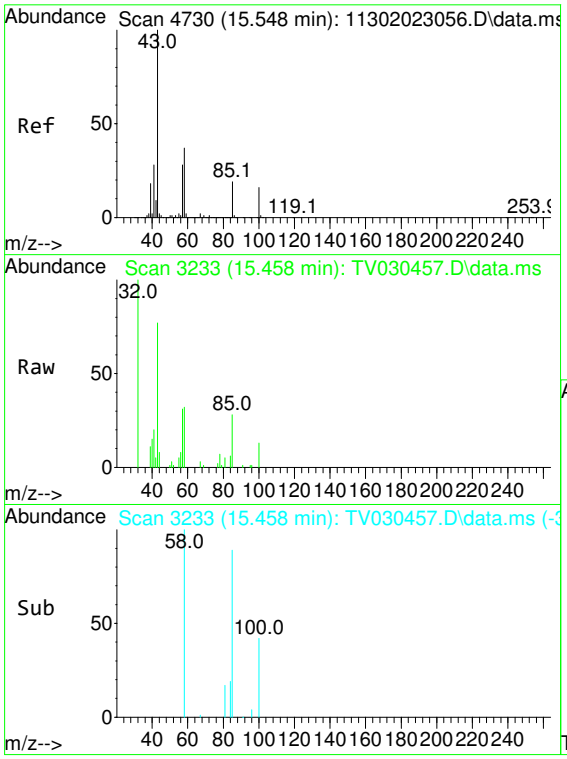


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:114 Resp: 1285281

Ion	Ratio	Lower	Upper
114	100		
63	16.3	14.0	29.2
88	14.9	11.2	23.2

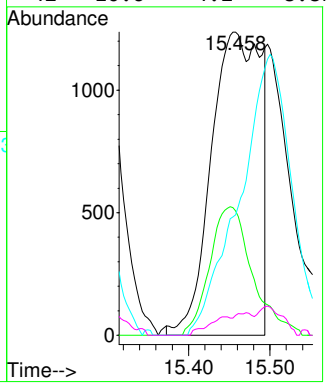


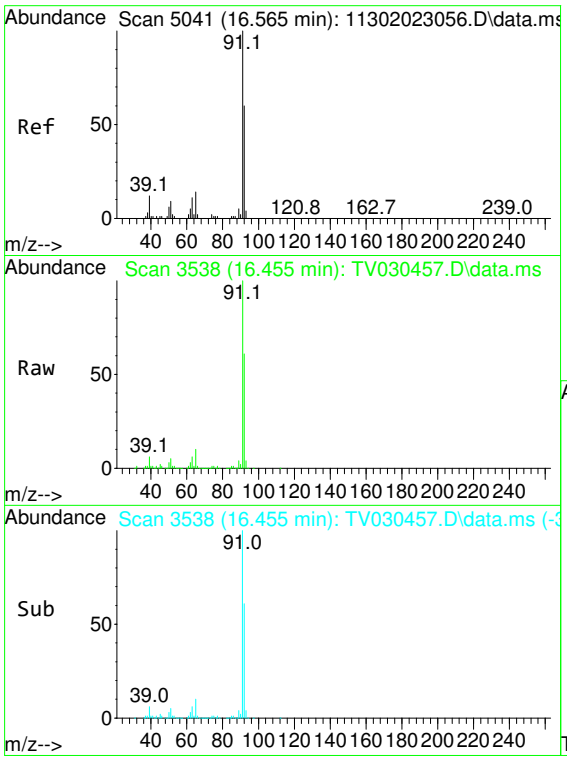


#45
Methyl Isobutyl Ketone
Concen: 0.08 ppbv m
RT: 15.458 min Scan# 3233
Delta R.T. 0.003 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 5206

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.3	52.5
57	98.8	16.1	33.5#
42	10.6	4.2	8.8#

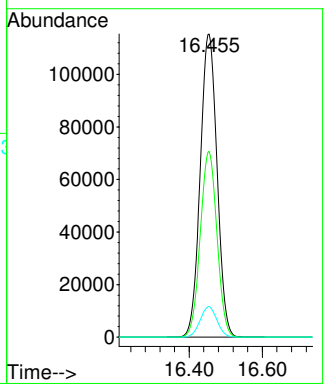


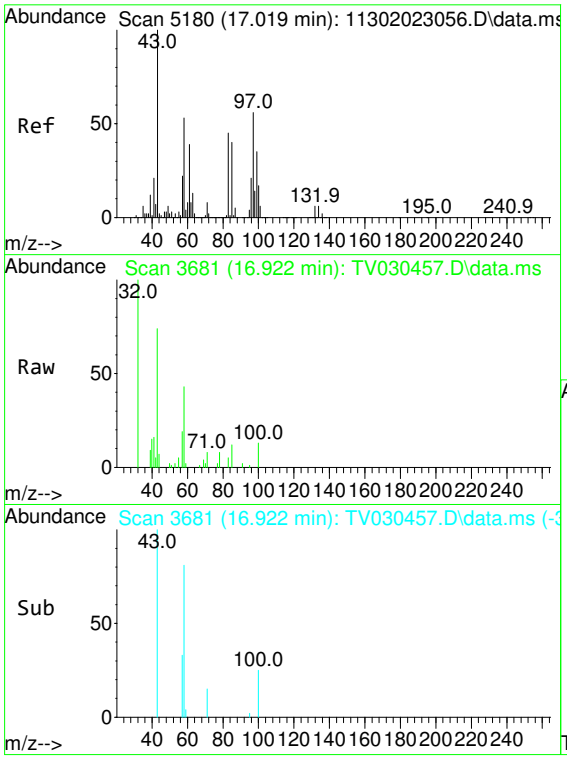


#47
Toluene
Concen: 2.79 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 367075

Ion	Ratio	Lower	Upper
91	100		
92	60.9	39.0	81.0
65	10.1	7.7	16.1

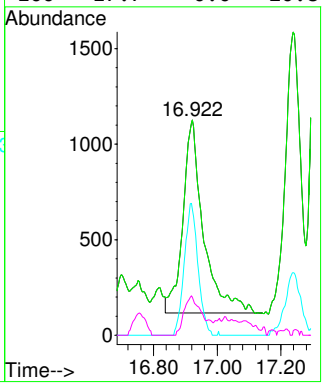


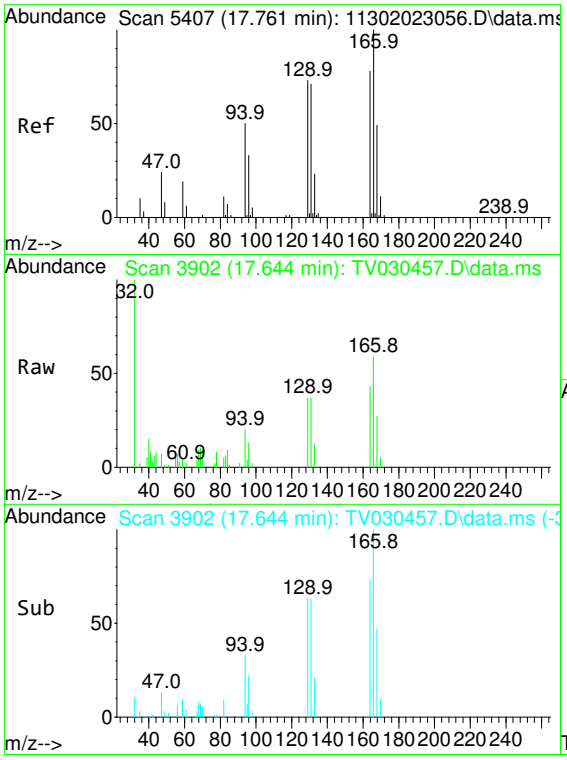


#50
2-Hexanone
Concen: 0.08 ppbv
RT: 16.922 min Scan# 3681
Delta R.T. -0.003 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 43 Resp: 4552

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	45.2	43.4	65.2
100	17.7	0.0	20.8

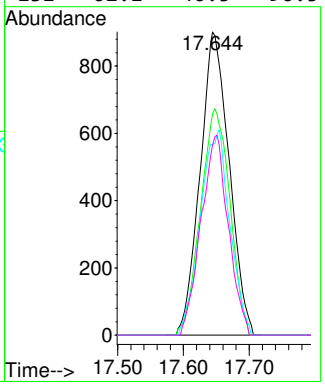


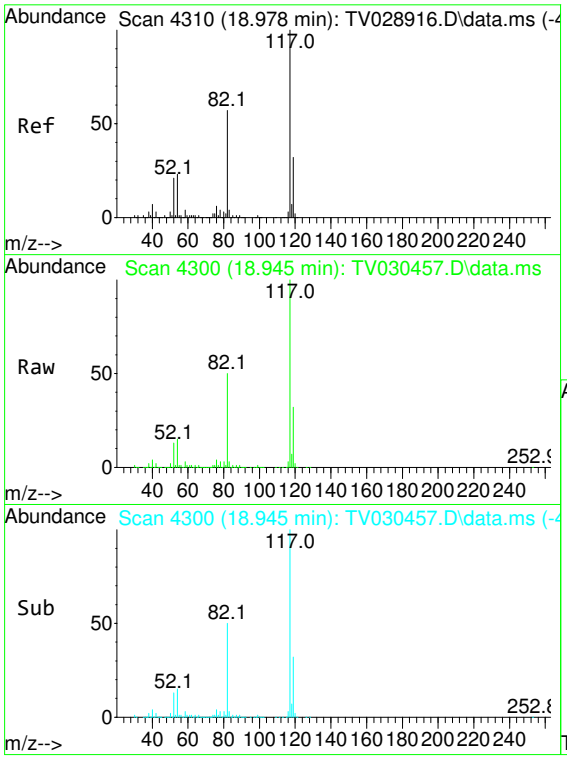


#52
Tetrachloroethylene
Concen: 0.05 ppbv
RT: 17.644 min Scan# 3902
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:166 Resp: 2762

Ion	Ratio	Lower	Upper
166	100		
164	75.4	51.4	106.8
129	68.5	47.0	97.6
131	62.1	46.5	96.5

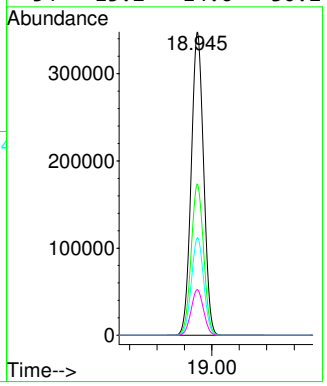


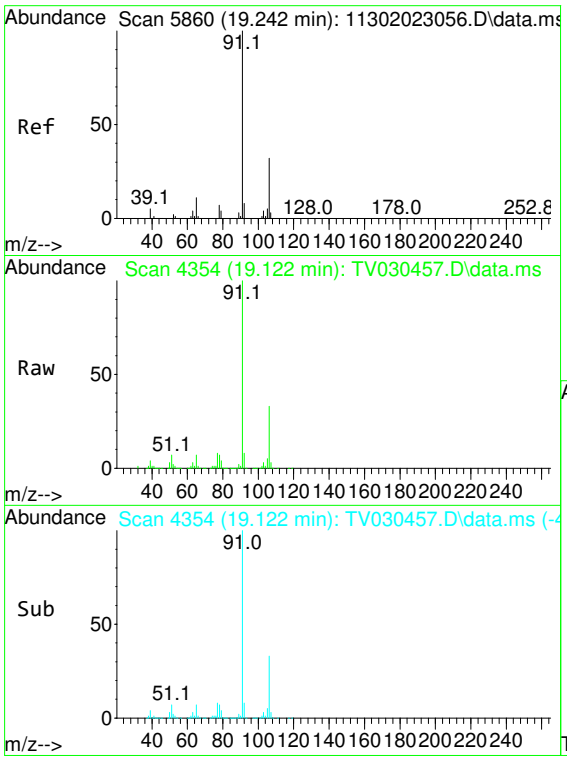


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:117 Resp: 1105377

Ion	Ratio	Lower	Upper
117	100		
82	50.1	38.7	80.5
119	32.2	20.3	42.3
54	15.2	14.6	30.2

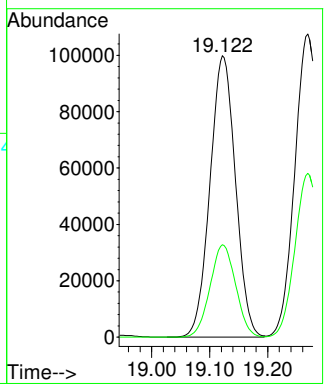


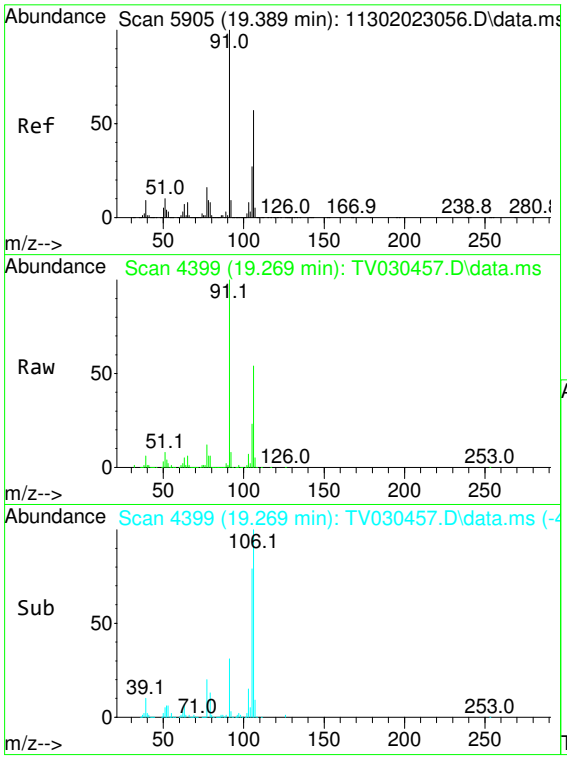


#58
Ethylbenzene
Concen: 1.89 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 304382

Ion	Ratio	Lower	Upper
91	100		
106	33.1	20.3	42.3

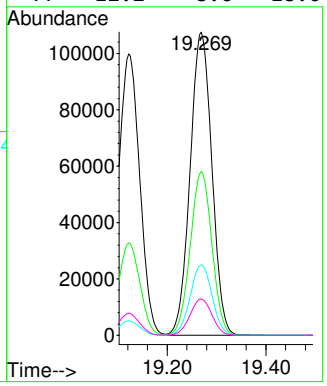


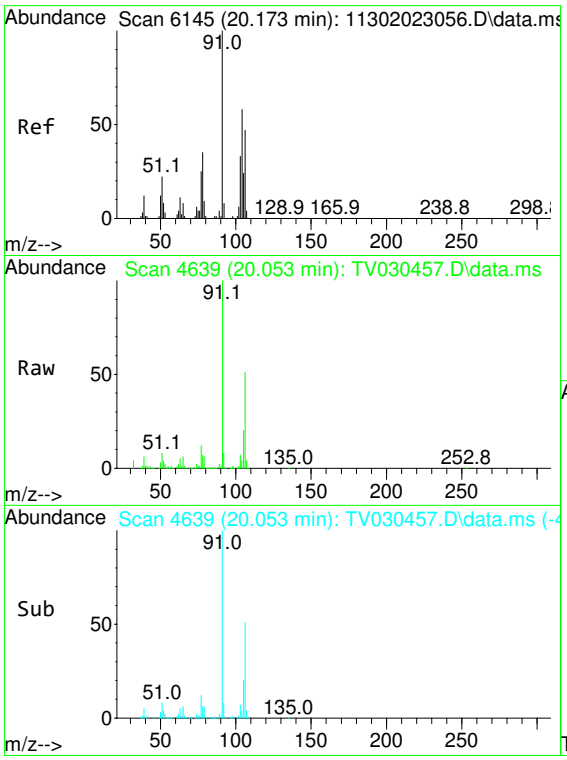


#59
p- & m-Xylenes
Concen: 2.69 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 328548

Ion	Ratio	Lower	Upper
91	100		
106	53.9	31.0	64.4
105	23.5	13.4	27.8
77	12.2	8.6	18.0

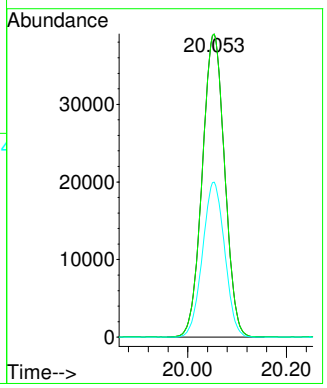


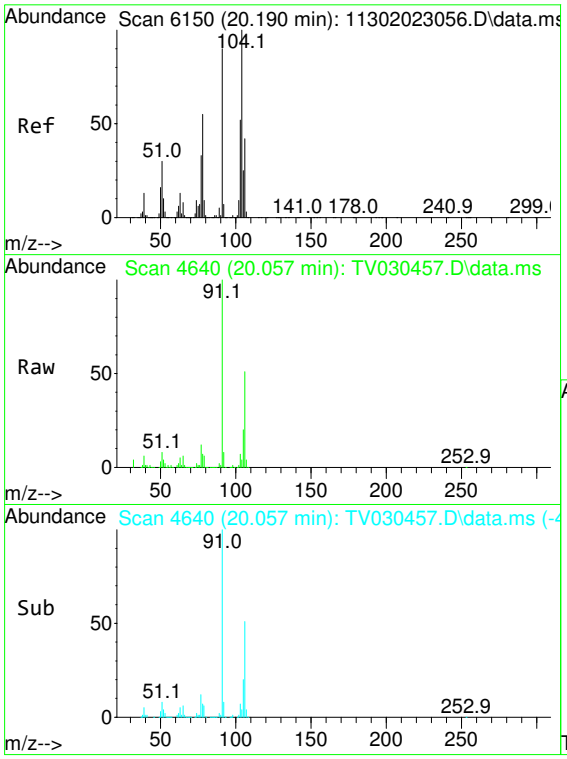


#60
o-Xylene
Concen: 0.97 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 122503

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	50.8	36.9	55.3

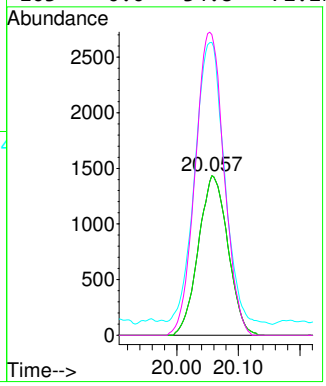


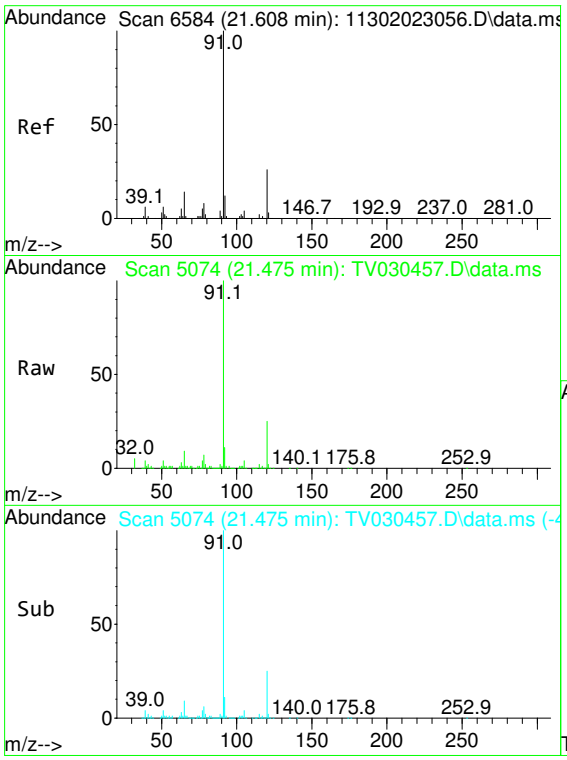


#61
Styrene
Concen: 0.05 ppbv
RT: 20.057 min Scan# 4640
Delta R.T. -0.026 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:104 Resp: 4761

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

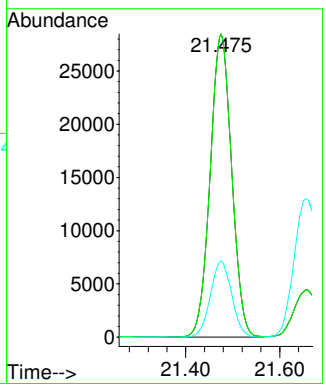


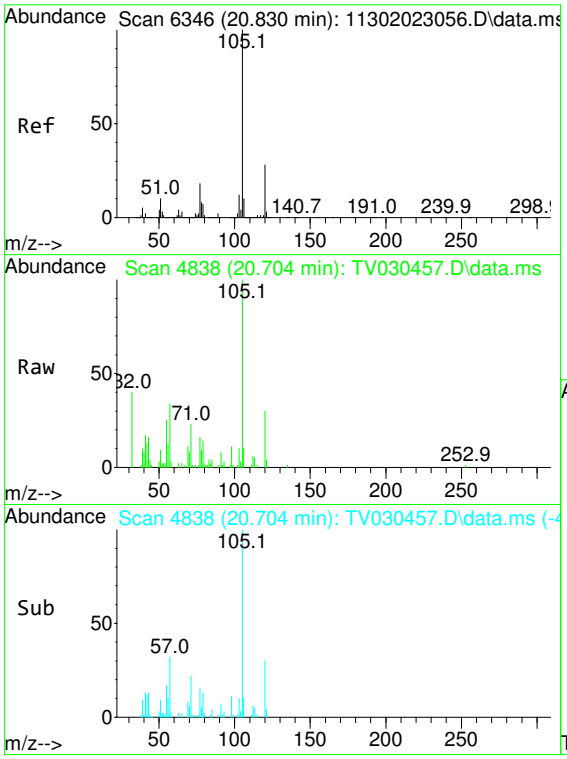


#63
n-Propylbenzene
Concen: 0.43 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 90419

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.9	11.0	33.0

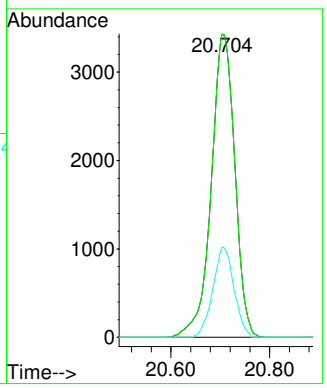


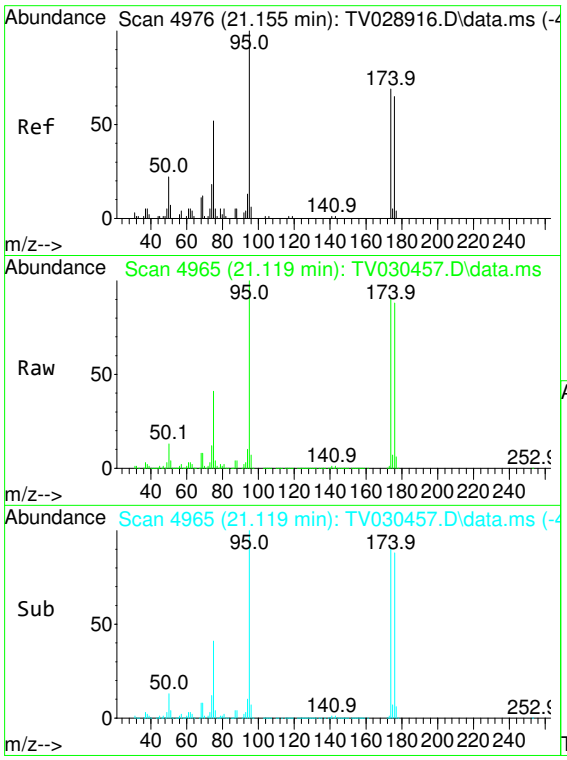


#64
Isopropylbenzene
Concen: 0.06 ppbv
RT: 20.704 min Scan# 4838
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:105 Resp: 11351

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	26.7	13.1	39.1

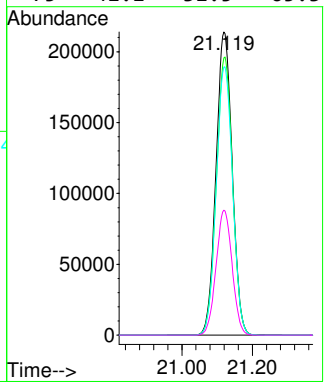


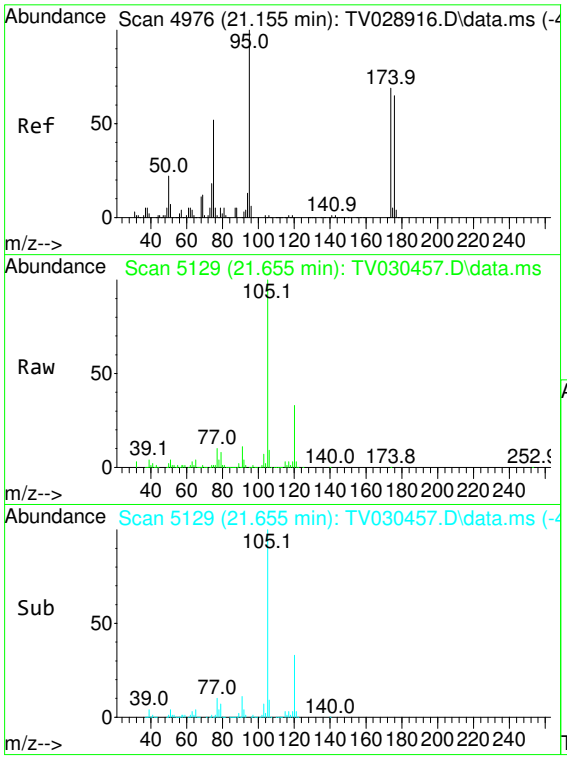


#66
p-Bromofluorobenzene
Concen: 0.34 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 95 Resp: 683378

Ion	Ratio	Lower	Upper
95	100		
174	91.8	50.0	103.8
176	89.4	48.2	100.2
75	41.1	31.5	65.3

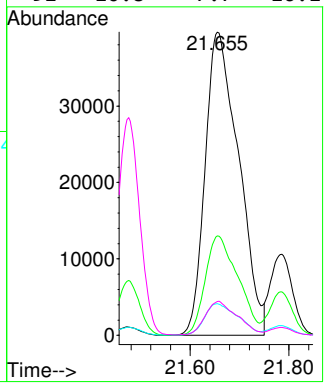


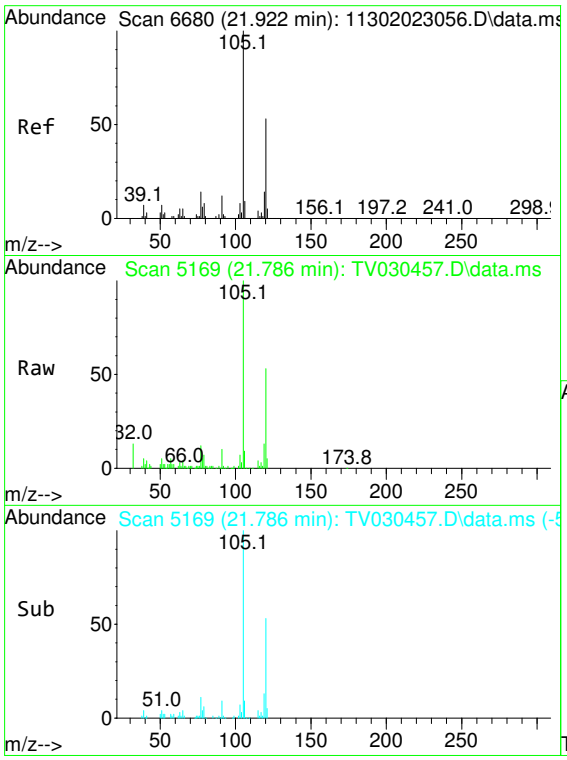


#67
4-Ethyltoluene
Concen: 1.07 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:105 Resp: 187037

Ion	Ratio	Lower	Upper
105	100		
120	32.2	17.2	35.6
77	10.3	7.6	15.8
91	10.8	7.7	16.1

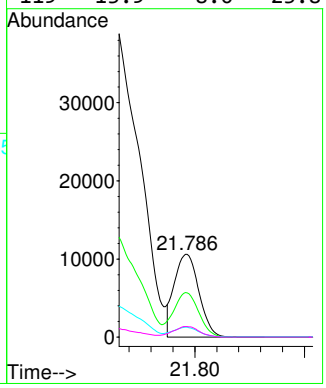


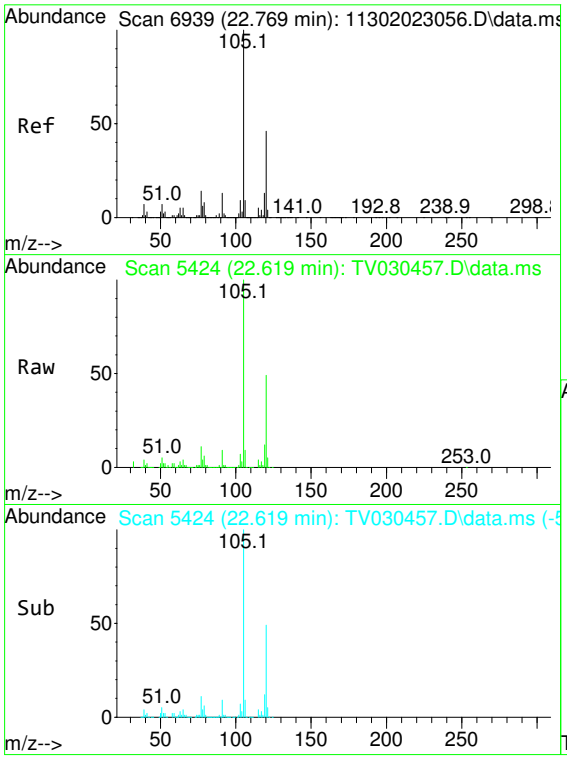


#68
1,3,5-Trimethylbenzene
Concen: 0.22 ppbv
RT: 21.786 min Scan# 5169
Delta R.T. -0.013 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:105 Resp: 33141

Ion	Ratio	Lower	Upper
105	100		
120	56.2	43.4	65.2
77	12.6	10.8	16.2
119	13.9	8.0	23.8

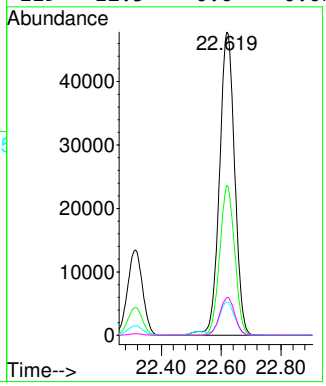


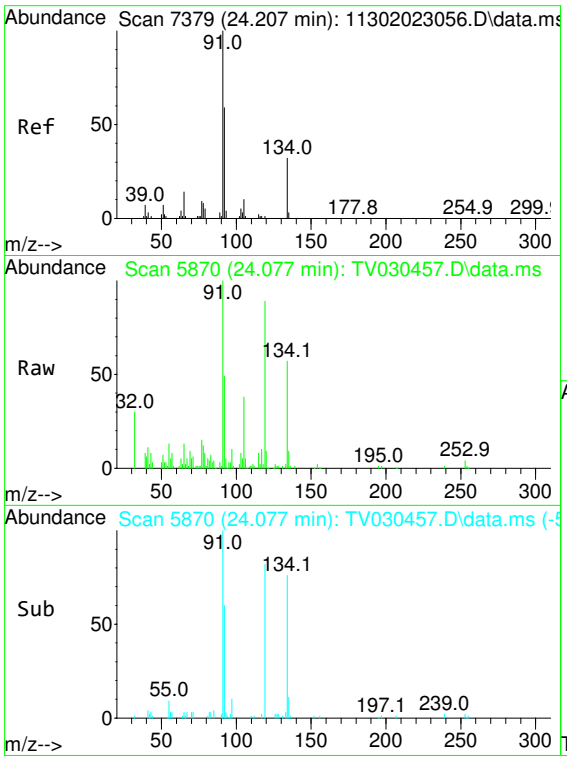


#70
1,2,4-Trimethylbenzene
Concen: 1.11 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:105 Resp: 168407

Ion	Ratio	Lower	Upper
105	100		
120	48.6	29.0	60.2
77	10.9	8.2	17.0
119	12.5	0.0	0.0#

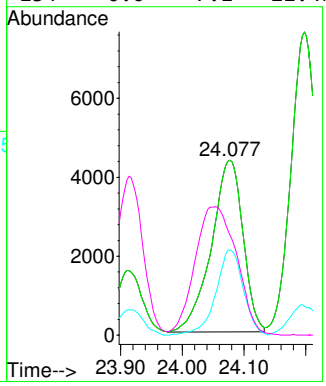


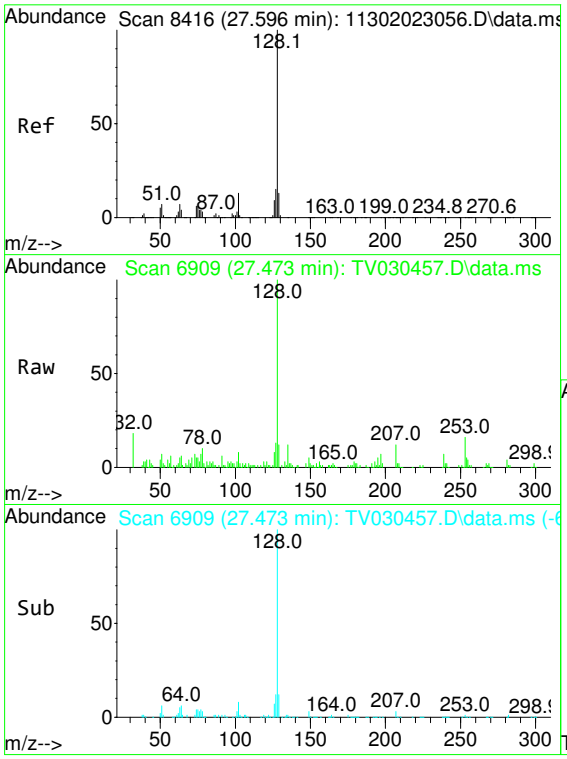


#76
n-Butylbenzene
Concen: 0.10 ppbv
RT: 24.077 min Scan# 5870
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion: 91 Resp: 15502

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
92	43.1	27.8	41.8#
134	0.0	7.1	21.4#

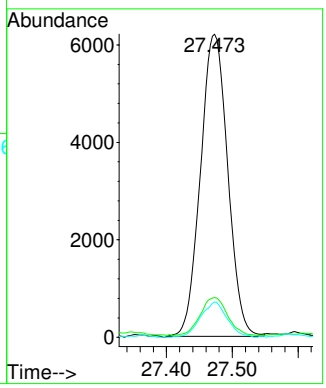




#80
Naphthalene
Concen: 0.11 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030457.D
Acq: 22 Apr 2025 02:54 am

Tgt Ion:128 Resp: 17829

Ion	Ratio	Lower	Upper
128	100		
127	12.7	8.1	16.9
129	11.5	7.3	15.1



Sample Information

Client Sample ID: AI-5 20250326 **York Sample ID: 25C1721-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.61		ug/m³	0.61	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.34		ug/m³	0.19	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
78-93-3	**2-Butanone**	2.5		ug/m³	0.24	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
67-64-1	**Acetone**	12		ug/m³	1.5	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.3	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
71-43-2	**Benzene**	0.64		ug/m³	0.26	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
56-23-5	**Carbon tetrachloride**	0.50		ug/m³	0.13	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR

Sample Information

Client Sample ID: **AI-5 20250326** **York Sample ID:** **25C1721-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
74-87-3	**Chloromethane**	0.91		ug/m³	0.17	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.40	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
141-78-6	*** Ethyl acetate**	0.81		ug/m³	0.58	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
67-63-0	**Isopropanol**	1.4	CAL-E	ug/m³	1.2	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
142-82-5	**n-Heptane**	1.4		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
110-54-3	**n-Hexane**	0.34		ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
95-47-6	o-Xylene	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.70	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
115-07-1	*** Propylene**	1.4		ug/m³	0.14	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
100-42-5	Styrene	ND		ug/m³	0.34	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.54	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
109-99-9	*** Tetrahydrofuran**	0.99		ug/m³	0.47	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
108-88-3	**Toluene**	3.2		ug/m³	0.30	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.45	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR
74-97-5	*Internal Standard: Bromochloromethan*	*108 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*108 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*102 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030451.D
Acq On : 21 Apr 2025 10:16 pm
Operator : YR
Sample : 25C1721-10
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.802
InstName : TO15_AIR3

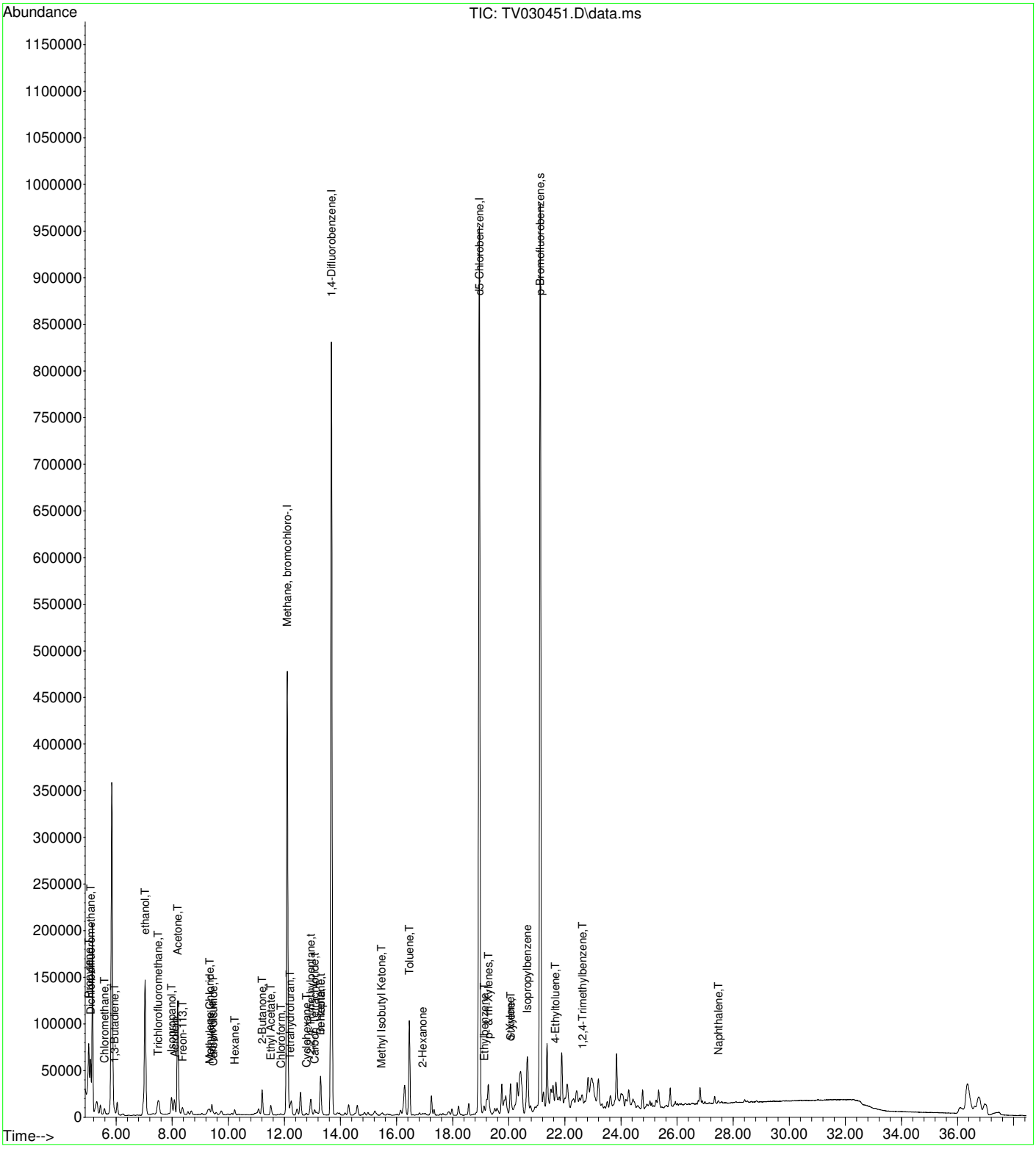
Quant Time: Apr 22 07:18:51 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

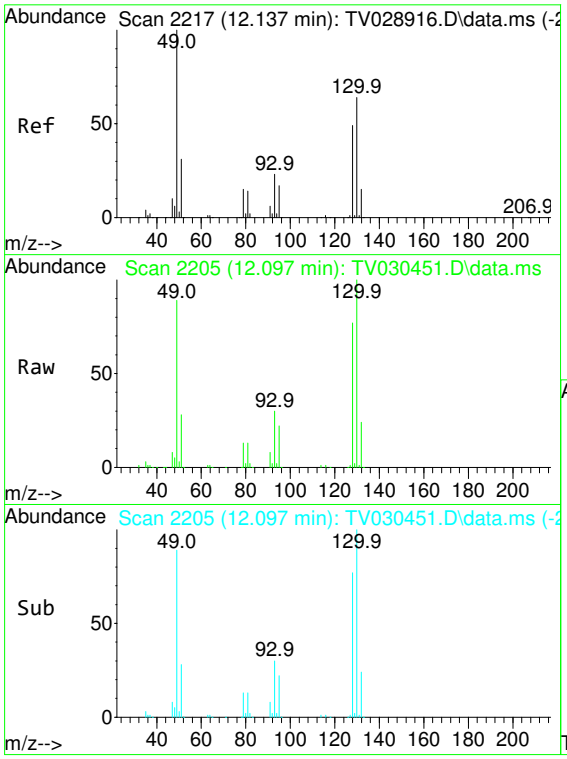
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.097	49	319926	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1314737	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.948	117	1126192	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	681743	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.024	42	13391	1.01	ppbv	#	43
3) Dichlorodifluoromethane	5.093	85	43692	0.60	ppbv		99
5) Chloromethane	5.583	50	11863	0.55	ppbv		100
7) 1,3-Butadiene	5.936	54	2617	0.13	ppbv		96
10) ethanol	7.031	45	162064	12.04	ppbv		88
12) Trichlorofluoromethane	7.492	101	20414	0.29	ppbv		99
13) Isopropanol	7.976	45	40660	0.71	ppbv		100
14) Acrolein	8.093	56	3052	0.25	ppbv	#	100
15) Acetone	8.195	43	248292	6.49	ppbv	#	79
16) Freon-113	8.365	101	5871	0.10	ppbv		90
19) Methylene Chloride	9.335	49	4644	0.16	ppbv	#	72
20) Acrylonitrile	9.411	53	15514	0.64	ppbv	#	100
21) Carbon disulfide	9.460	76	3825	0.04	ppbv	#	67
24) Hexane	10.228	57	5250	0.12	ppbv		91
27) 2-Butanone	11.205	43	53834	1.07	ppbv	#	85
28) Ethyl Acetate	11.516	43	16452	0.28	ppbv	#	93
30) Chloroform	11.875	83	1750	0.03	ppbv	#	86
31) Tetrahydrofuran	12.202	42	11964	0.42	ppbv	#	86
33) Cyclohexane	12.781	56	1695	0.04	ppbv	#	82
34) 2,2,4-Trimethylpentane	12.931	57	12365	0.09	ppbv	#	1
35) Carbon Tetrachloride	13.075	117	6303	0.10	ppbv		99
37) Benzene	13.277	78	23661	0.25	ppbv	#	100
38) n-Heptane	13.294	43	18980	0.44	ppbv	#	89
45) Methyl Isobutyl Ketone	15.454	43	3717	0.06	ppbv	#	64
47) Toluene	16.451	91	143235	1.06	ppbv		98
50) 2-Hexanone	16.925	43	5360m	0.09	ppbv		
58) Ethylbenzene	19.125	91	11712	0.07	ppbv		98
59) p- & m-Xylenes	19.269	91	23686	0.19	ppbv		93
60) o-Xylene	20.050	91	9292	0.07	ppbv		98
61) Styrene	20.070	104	3163	0.03	ppbv	#	74
64) Isopropylbenzene	20.651	105	4968	0.03	ppbv	#	89
67) 4-Ethyltoluene	21.658	105	8232	0.05	ppbv		93
70) 1,2,4-Trimethylbenzene	22.619	105	8063	0.05	ppbv	#	94
80) Naphthalene	27.470	128	3949	0.02	ppbv	#	77

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030451.D
Acq On : 21 Apr 2025 10:16 pm
Operator : YR
Sample : 25C1721-10
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.802
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:51 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

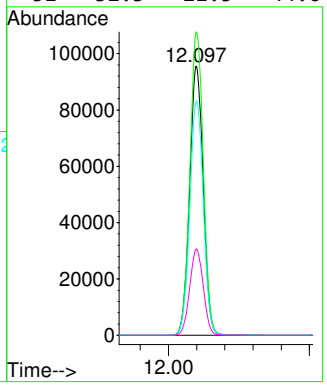


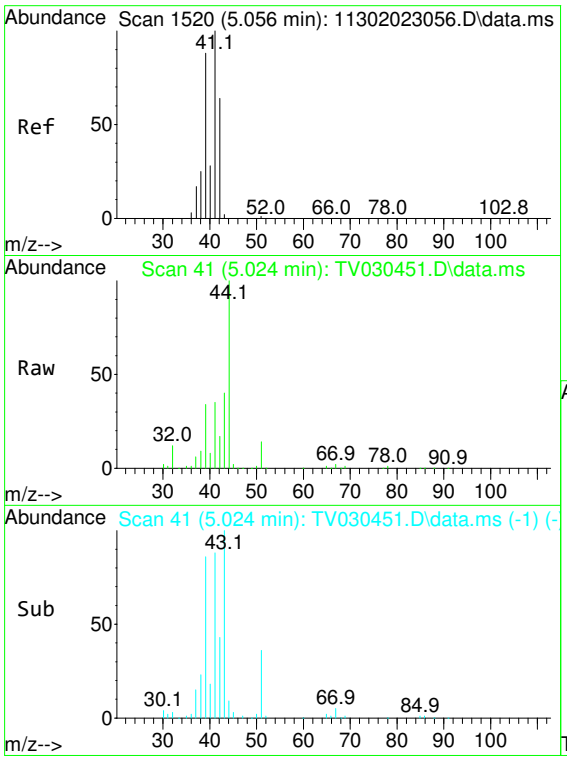


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.097 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 49 Resp: 319926

Ion	Ratio	Lower	Upper
49	100		
130	111.9	44.5	92.3#
128	87.0	34.7	72.1#
51	32.3	21.5	44.6

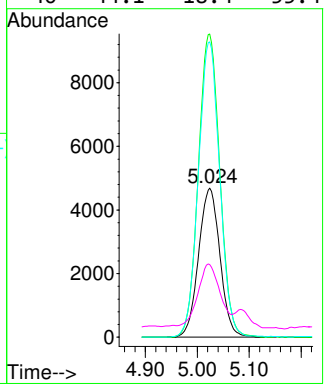


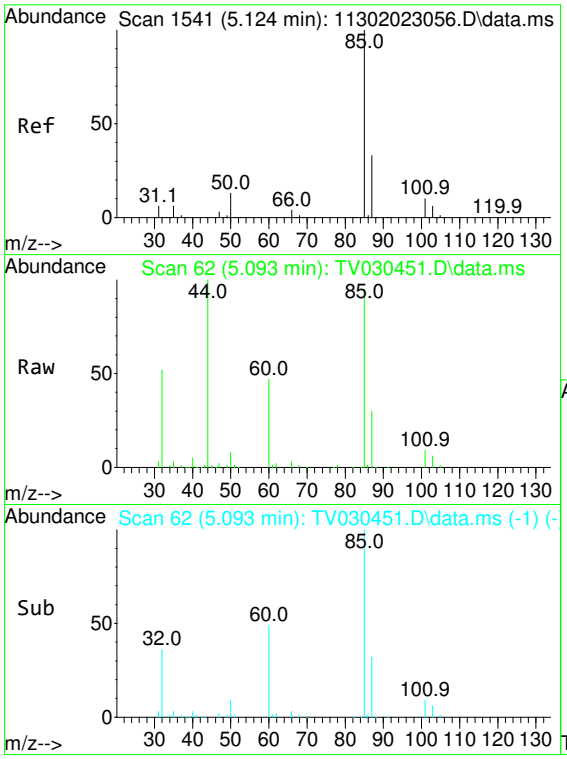


#2
Propylene
Concen: 1.01 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 42 Resp: 13391

Ion	Ratio	Lower	Upper
42	100		
41	203.8	88.9	207.5
39	197.9	52.2	156.6#
40	44.1	18.4	55.4

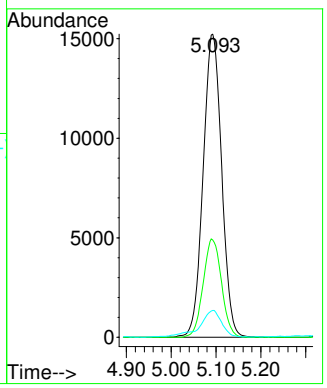


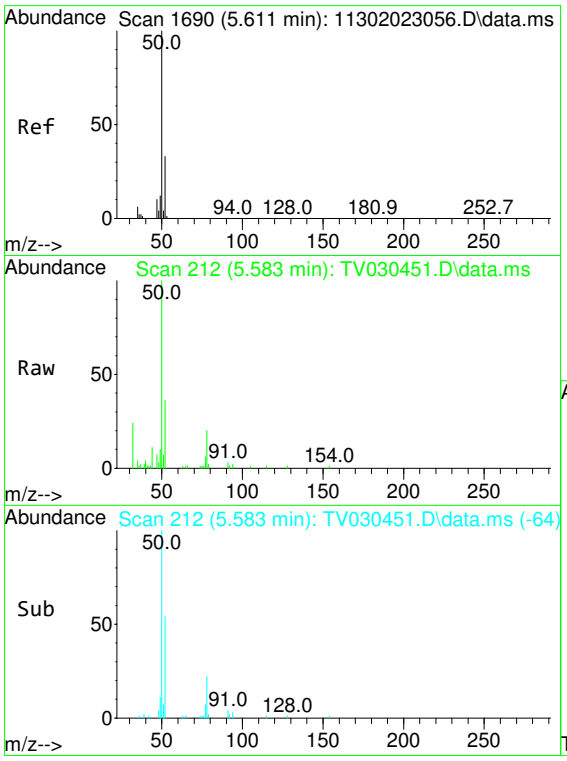


#3
Dichlorodifluoromethane
Concen: 0.60 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 85 Resp: 43692

Ion	Ratio	Lower	Upper
85	100		
87	32.1	21.0	43.6
50	11.0	6.8	14.2

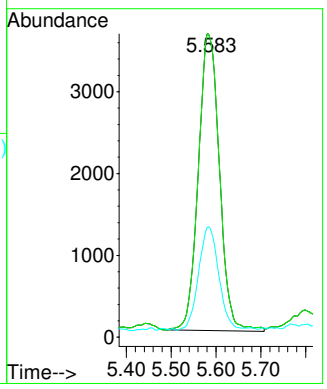


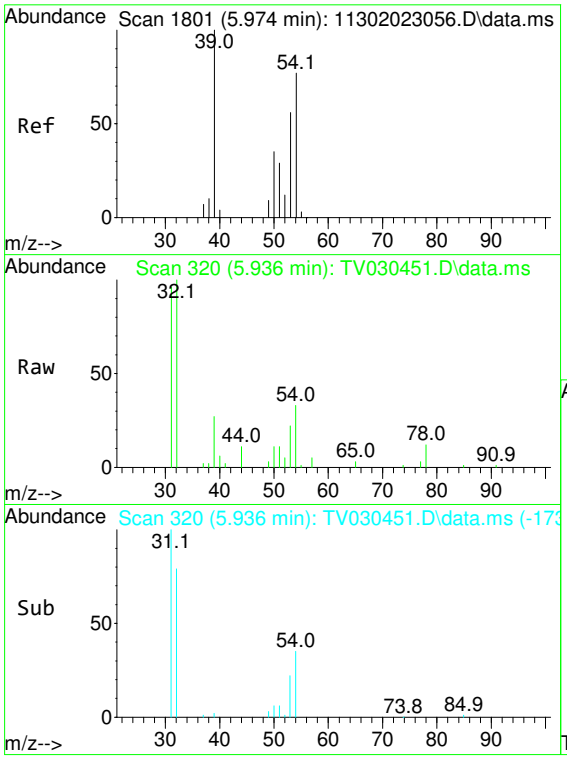


#5
Chloromethane
Concen: 0.55 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 50 Resp: 11863

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	33.8	16.5	49.5

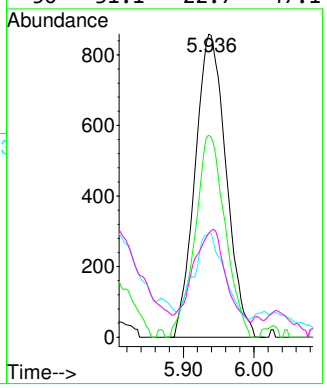


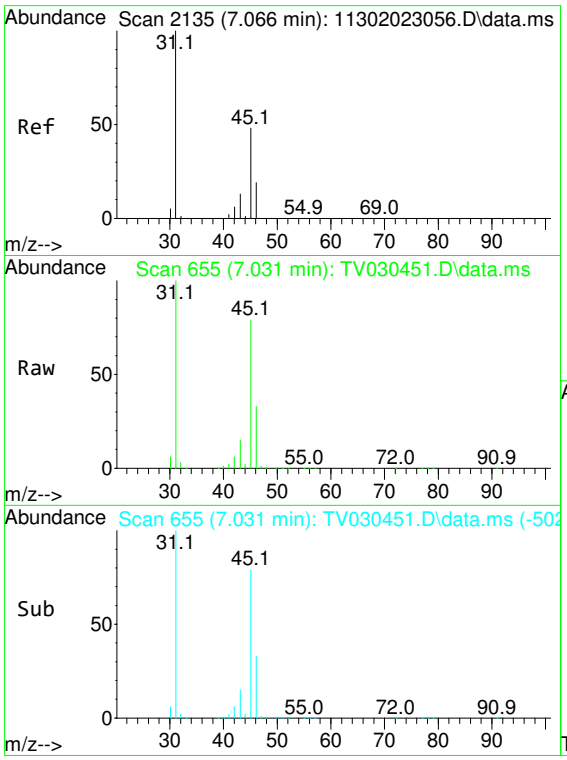


#7
1,3-Butadiene
Concen: 0.13 ppbv
RT: 5.936 min Scan# 320
Delta R.T. -0.020 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 54 Resp: 2617

Ion	Ratio	Lower	Upper
54	100		
53	65.7	43.4	90.2
51	27.3	19.9	41.3
50	31.1	22.7	47.1

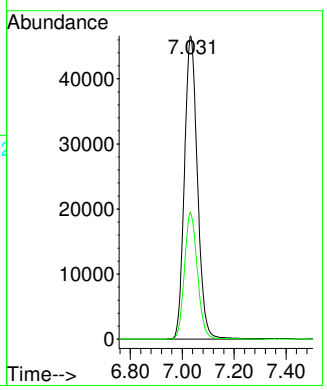


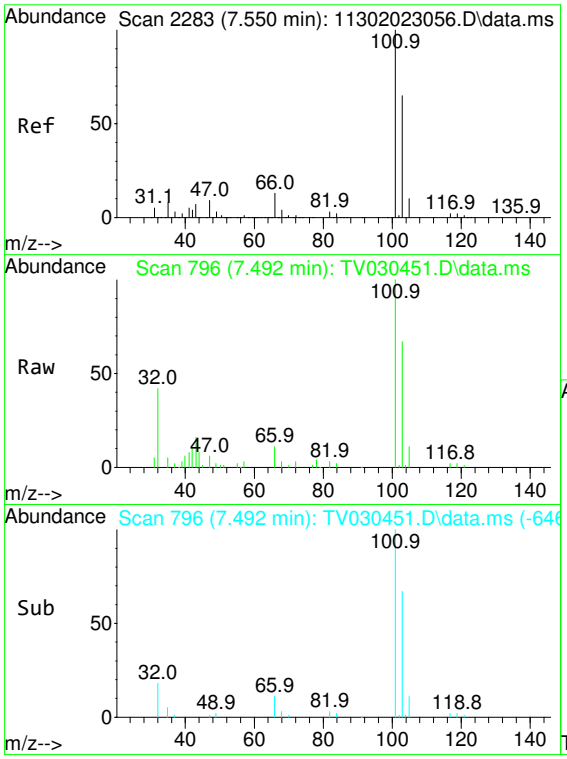


#10
ethanol
Concen: 12.04 ppbv
RT: 7.031 min Scan# 655
Delta R.T. -0.000 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 45 Resp: 162064

Ion	Ratio	Lower	Upper
45	100		
46	41.7	40.0	60.0

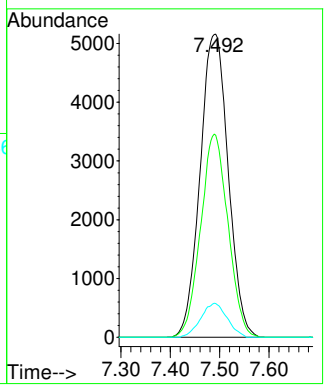


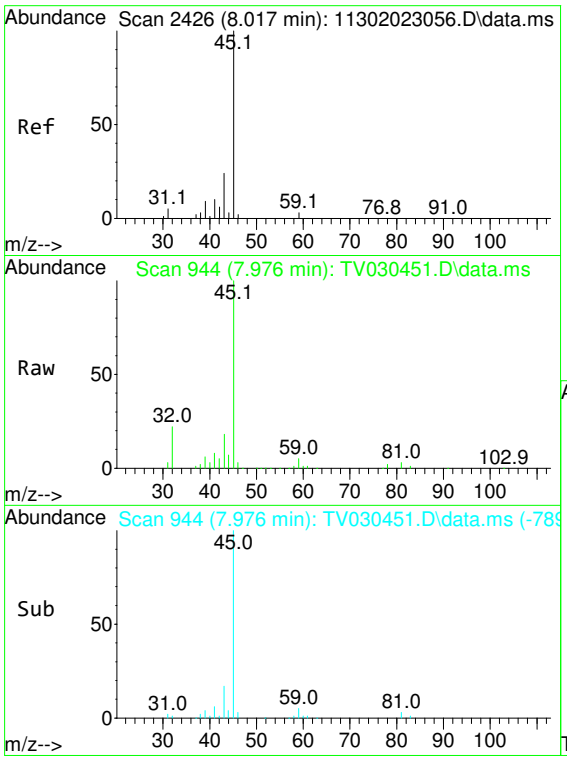


#12
Trichlorofluoromethane
Concen: 0.29 ppbv
RT: 7.492 min Scan# 796
Delta R.T. -0.010 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:101 Resp: 20414

Ion	Ratio	Lower	Upper
101	100		
103	65.3	42.4	88.0
66	10.6	7.9	16.5

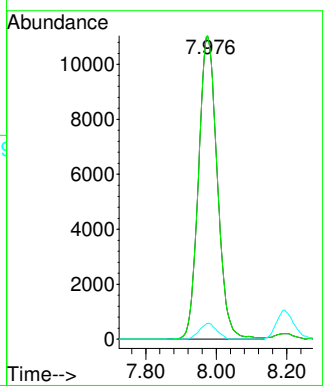


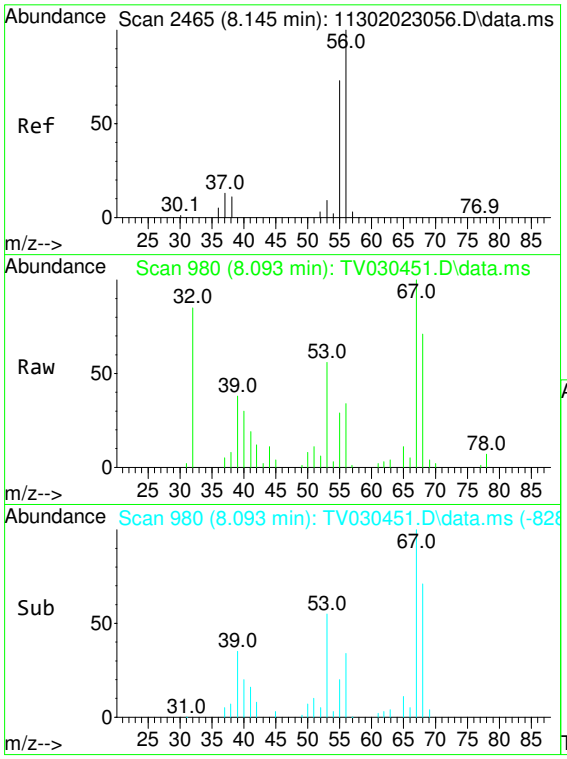


#13
Isopropanol
Concen: 0.71 ppbv
RT: 7.976 min Scan# 944
Delta R.T. 0.006 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 45 Resp: 40660

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

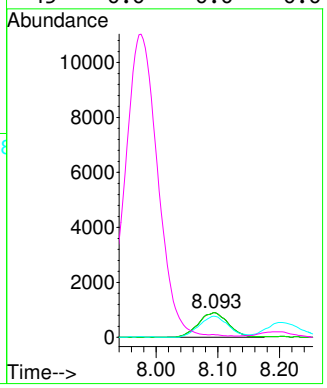


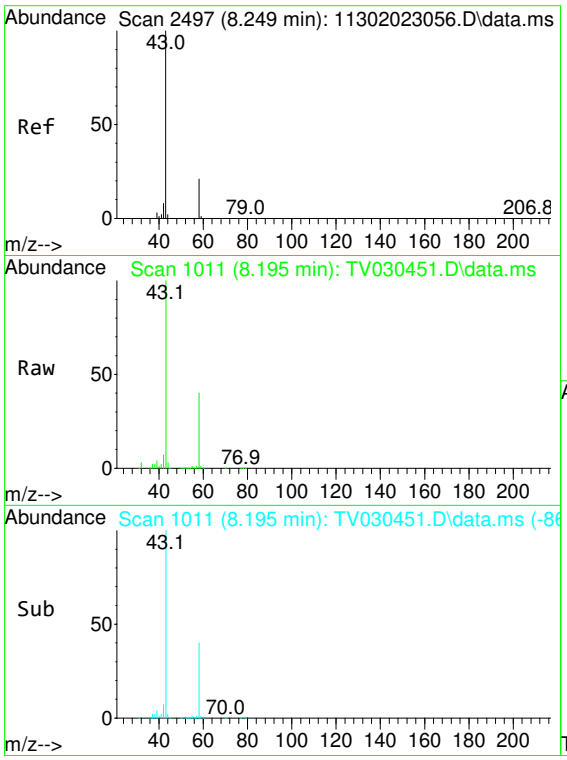


#14
Acrolein
Concen: 0.25 ppbv
RT: 8.093 min Scan# 980
Delta R.T. -0.003 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 56 Resp: 3052

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

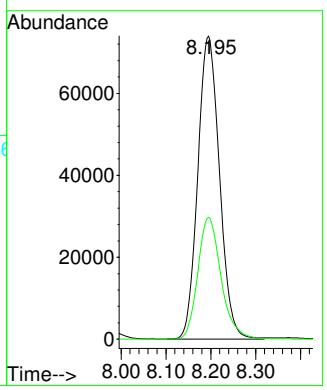


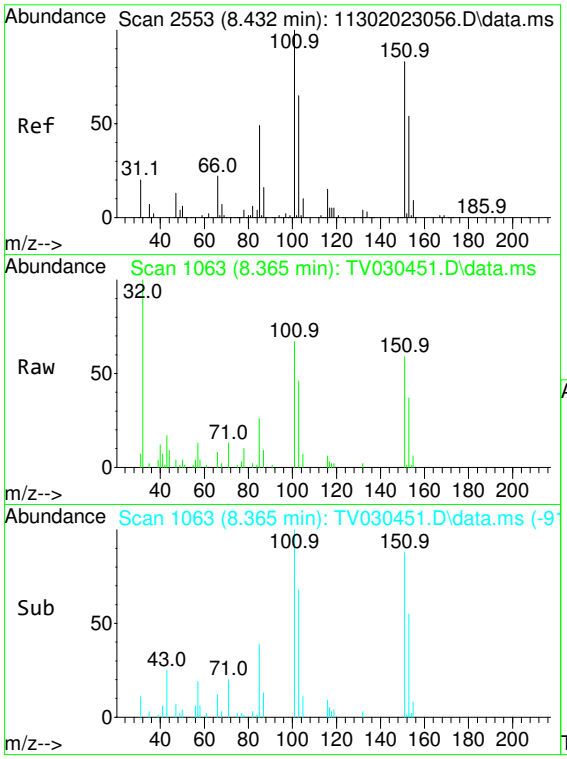


#15
Acetone
Concen: 6.49 ppbv
RT: 8.195 min Scan# 1011
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 248292

Ion	Ratio	Lower	Upper
43	100		
58	43.3	20.7	42.9#

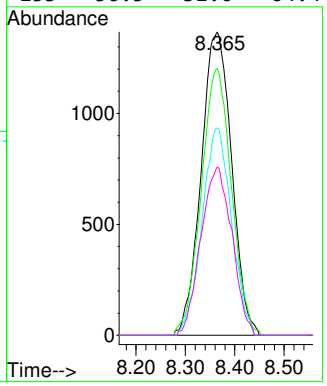


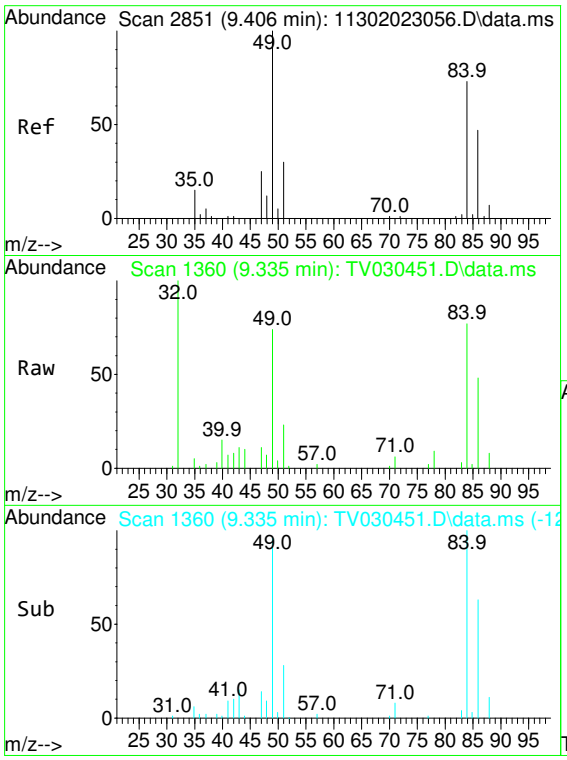


#16
Freon-113
Concen: 0.10 ppbv
RT: 8.365 min Scan# 1063
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:101 Resp: 5871

Ion	Ratio	Lower	Upper
101	100		
151	87.3	48.6	100.8
103	65.8	42.0	87.2
153	56.5	31.0	64.4

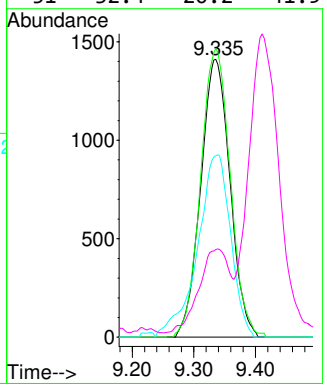


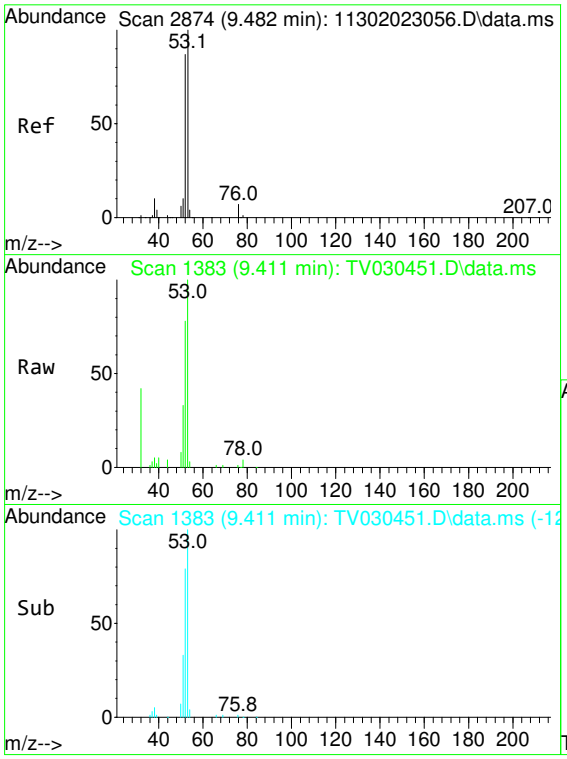


#19
Methylene Chloride
Concen: 0.16 ppbv
RT: 9.335 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 49 Resp: 4644

Ion	Ratio	Lower	Upper
49	100		
84	105.3	50.1	104.0#
86	75.0	32.2	66.8#
51	32.4	20.2	41.9

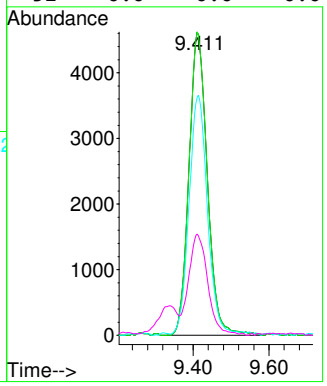


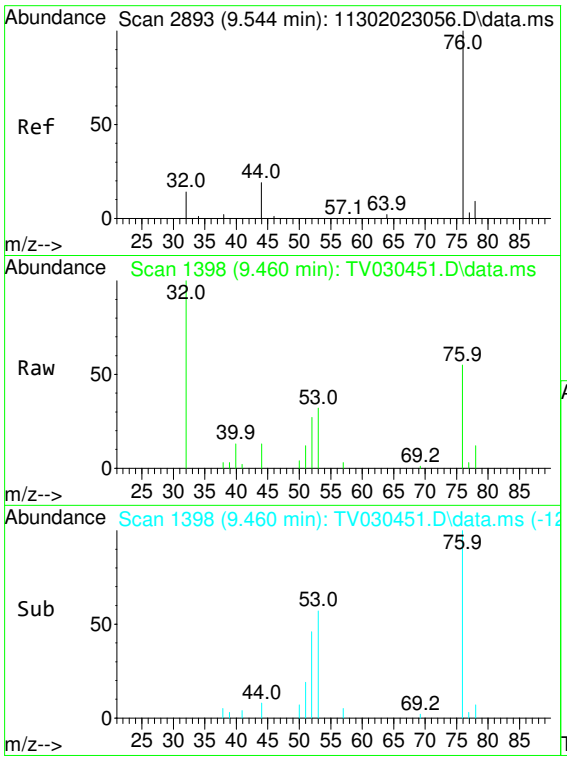


#20
Acrylonitrile
Concen: 0.64 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 53 Resp: 15514

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	81.1	0.0	0.0#
51	0.0	0.0	0.0

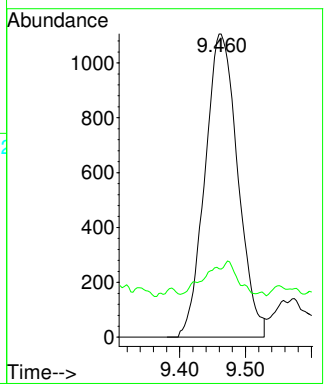


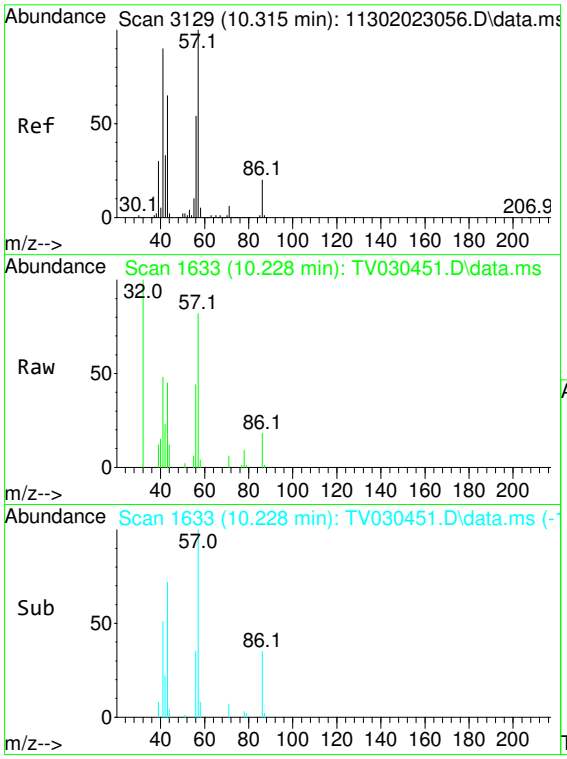


#21
Carbon disulfide
Concen: 0.04 ppbv
RT: 9.460 min Scan# 1398
Delta R.T. -0.020 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 76 Resp: 3825

Ion	Ratio	Lower	Upper
76	100		
44	0.0	8.4	17.4#

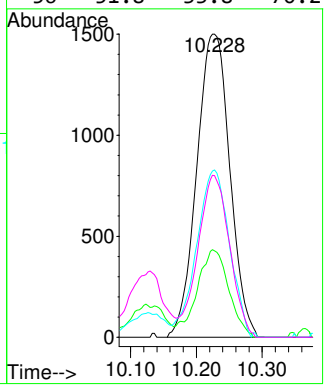


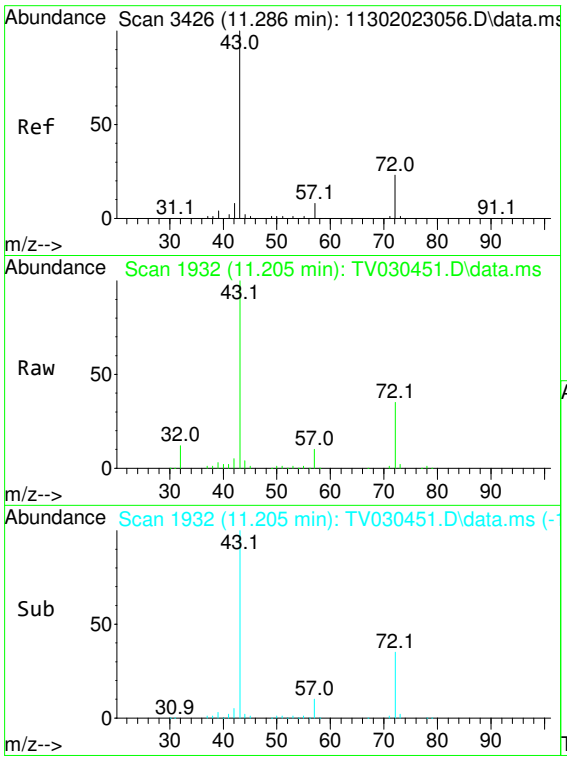


#24
Hexane
Concen: 0.12 ppbv
RT: 10.228 min Scan# 1633
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 57 Resp: 5250

Ion	Ratio	Lower	Upper
57	100		
42	28.0	22.2	46.0
43	54.7	42.9	89.1
56	51.8	33.8	70.2

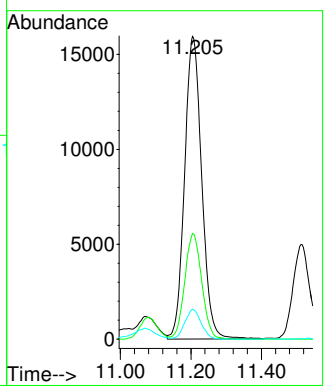


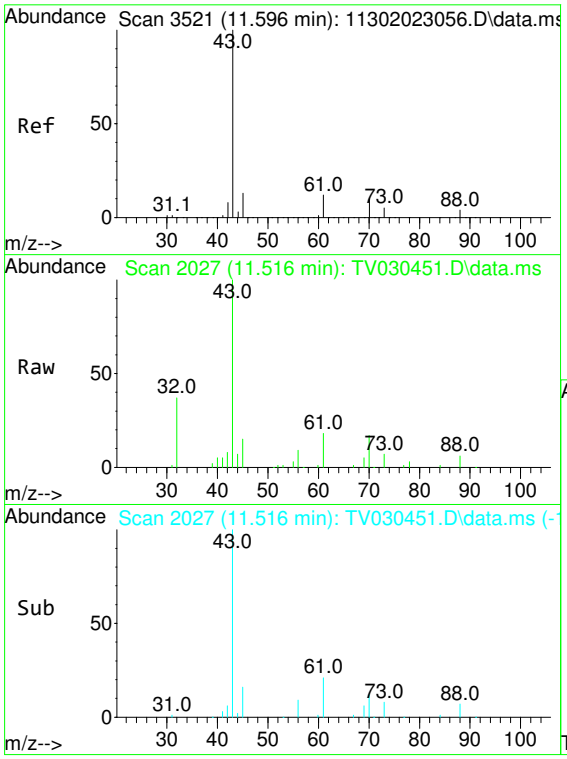


#27
2-Butanone
Concen: 1.07 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 53834

Ion	Ratio	Lower	Upper
43	100		
72	34.7	16.4	34.2#
57	9.5	5.0	10.4

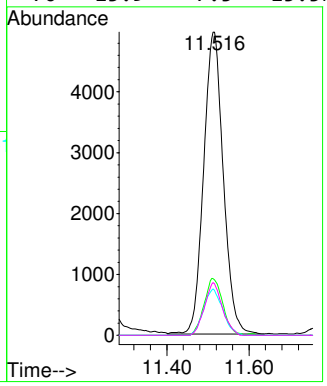


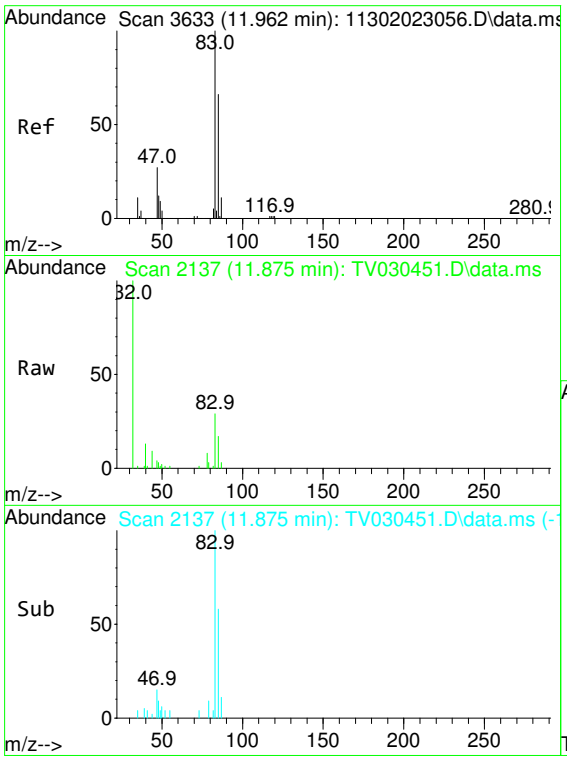


#28
Ethyl Acetate
Concen: 0.28 ppbv
RT: 11.516 min Scan# 2027
Delta R.T. -0.003 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 16452

Ion	Ratio	Lower	Upper
43	100		
61	17.9	9.2	19.2
45	15.0	9.4	19.6
70	15.9	7.5	15.5#

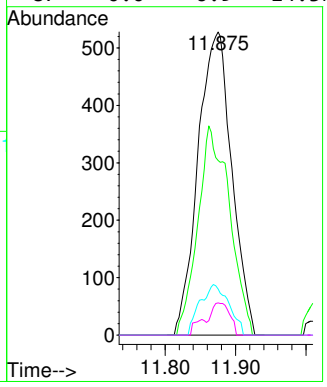


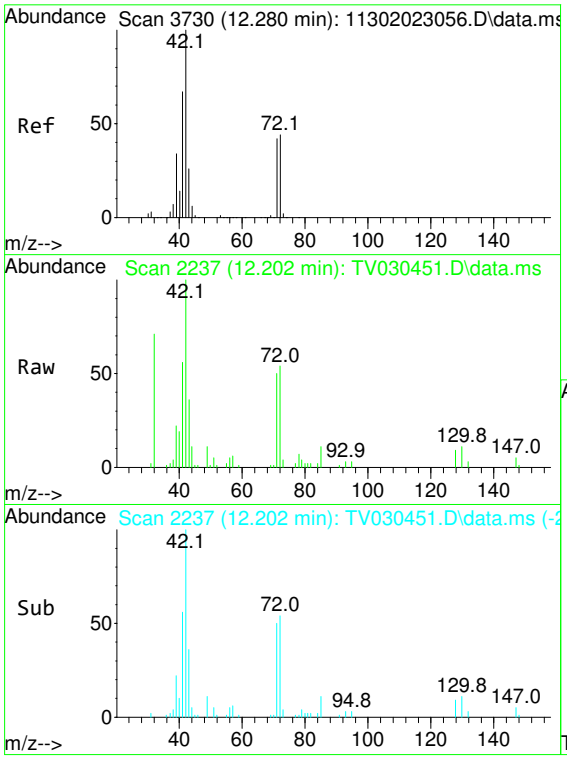


#30
Chloroform
Concen: 0.03 ppbv
RT: 11.875 min Scan# 2137
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 83 Resp: 1750

Ion	Ratio	Lower	Upper
83	100		
85	65.0	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

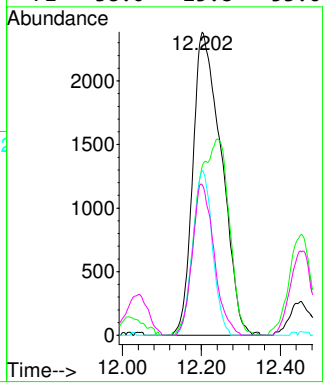


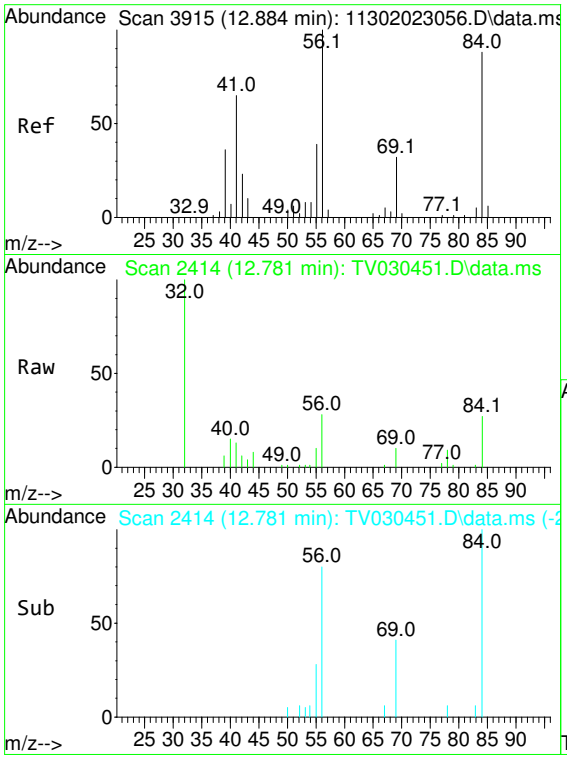


#31
Tetrahydrofuran
Concen: 0.42 ppbv
RT: 12.202 min Scan# 2237
Delta R.T. -0.000 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 42 Resp: 11964

Ion	Ratio	Lower	Upper
42	100		
41	73.5	34.5	71.7#
72	37.5	27.4	56.8
71	38.0	25.8	53.6

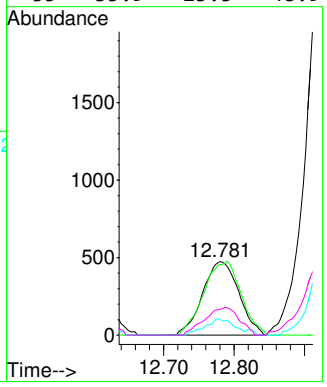


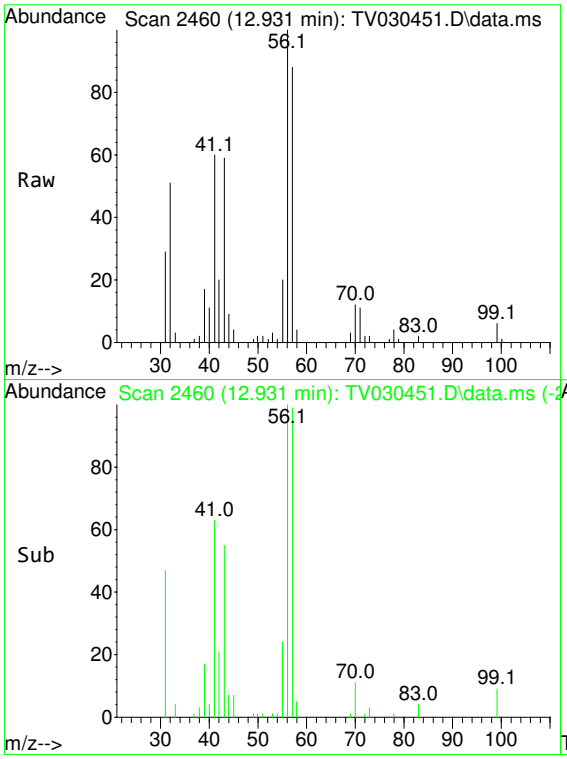


#33
Cyclohexane
Concen: 0.04 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 56 Resp: 1695

Ion	Ratio	Lower	Upper
56	100		
84	102.9	56.4	117.0
42	0.0	15.3	31.7#
55	35.9	23.5	48.9

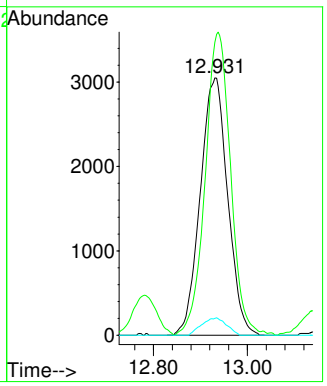


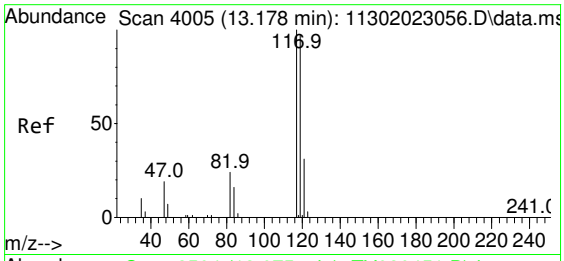


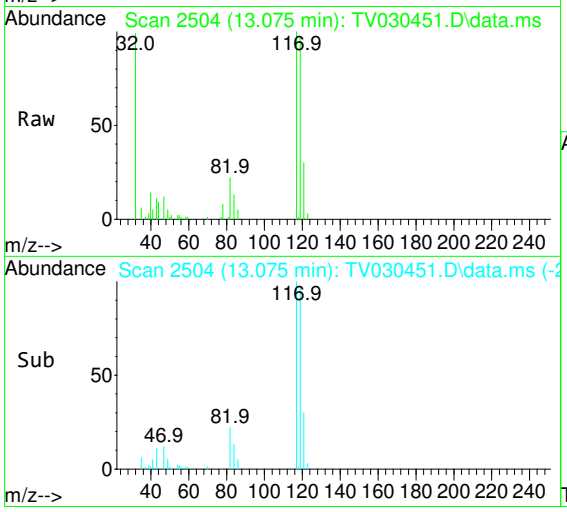
#34
2,2,4-Trimethylpentane
Concen: 0.09 ppbv
RT: 12.931 min Scan# 2460
Delta R.T. -0.007 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 57 Resp: 12365

Ion	Ratio	Lower	Upper
57	100		
56	108.9	24.5	45.5#
99	6.2	3.5	6.5



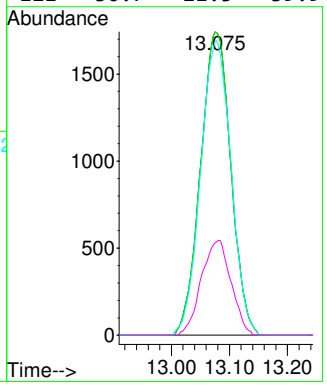


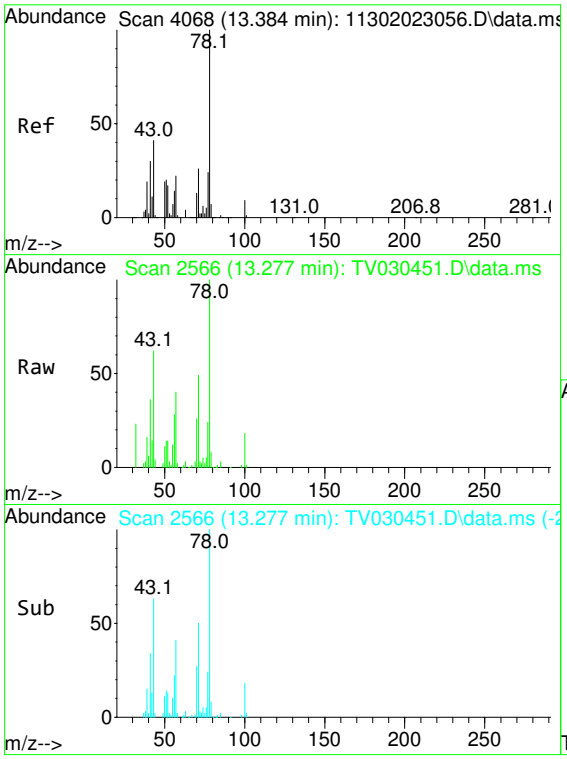


#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:117 Resp: 6303

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.4	76.5	114.7
121	30.7	21.5	39.9

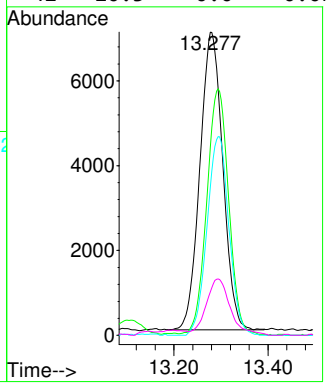


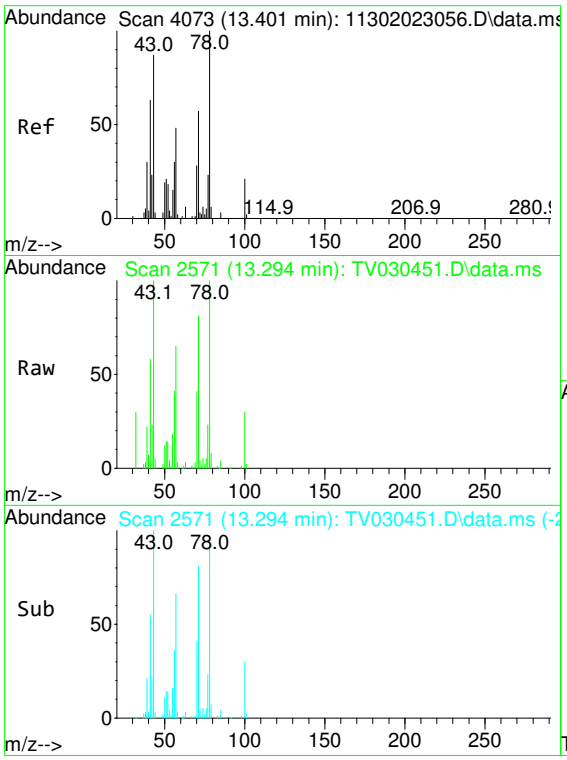


#37
Benzene
Concen: 0.25 ppbv
RT: 13.277 min Scan# 2566
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 78 Resp: 23661

Ion	Ratio	Lower	Upper
78	100		
43	80.2	0.0	0.0#
71	64.0	0.0	0.0#
42	20.3	0.0	0.0#

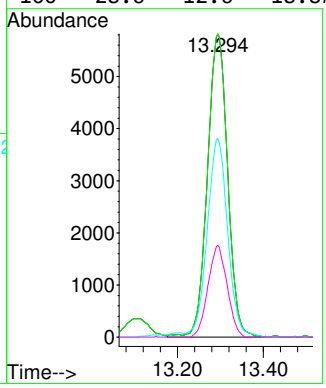


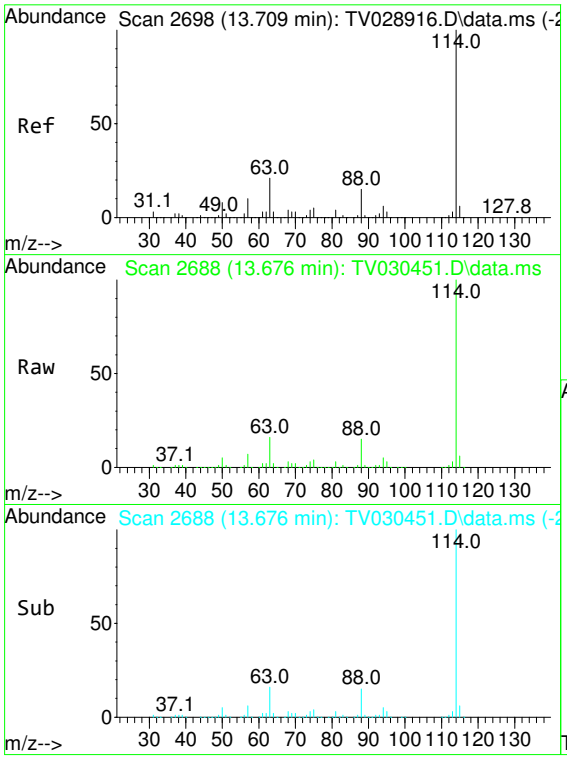


#38
n-Heptane
Concen: 0.44 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 18980

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	68.2	39.8	59.8#
100	28.6	12.6	18.8#

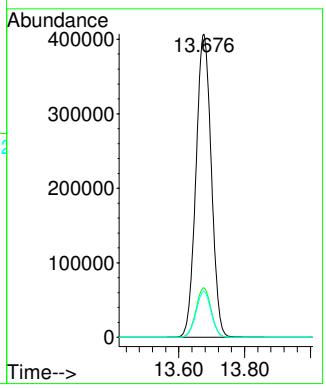


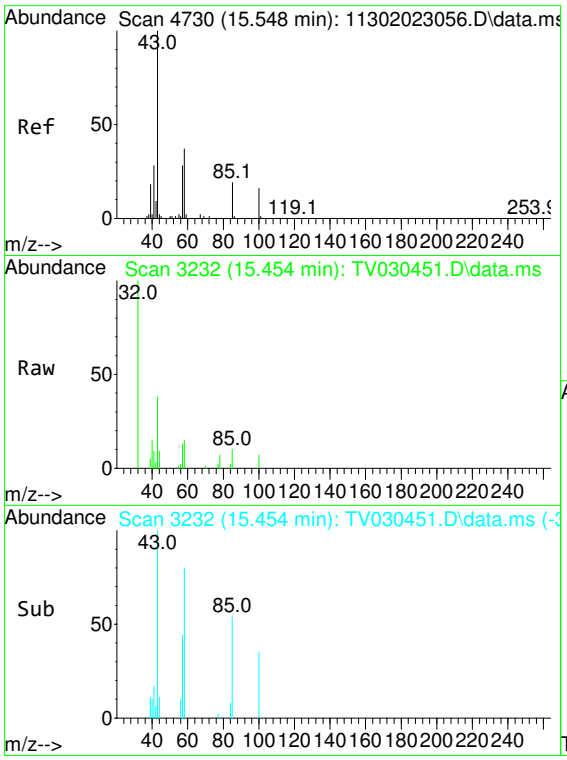


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:114 Resp: 1314737

Ion	Ratio	Lower	Upper
114	100		
63	16.3	14.0	29.2
88	14.9	11.2	23.2

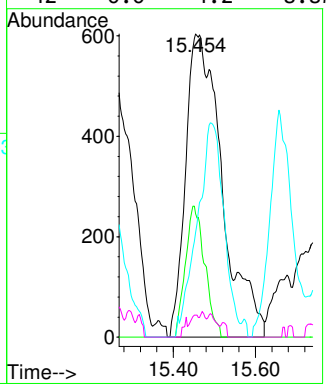


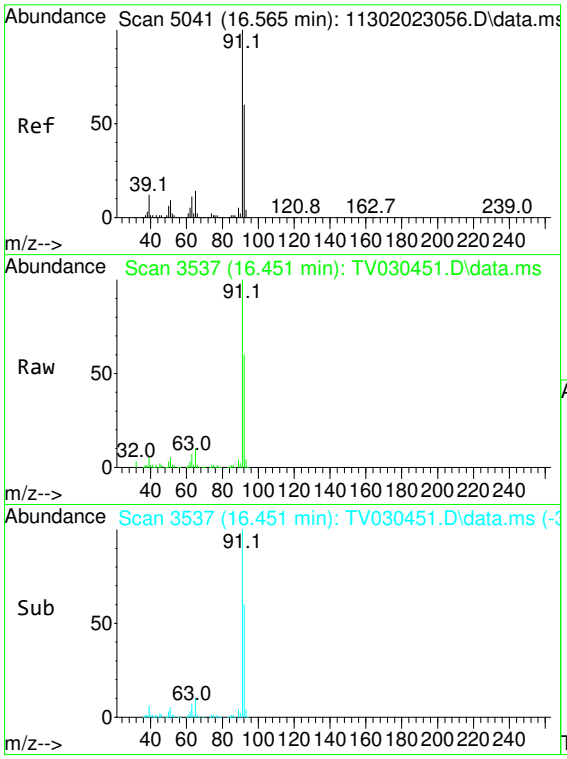


#45
Methyl Isobutyl Ketone
Concen: 0.06 ppbv
RT: 15.454 min Scan# 3232
Delta R.T. -0.000 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 3717

Ion	Ratio	Lower	Upper
43	100		
58	23.0	25.3	52.5#
57	52.5	16.1	33.5#
42	0.0	4.2	8.8#

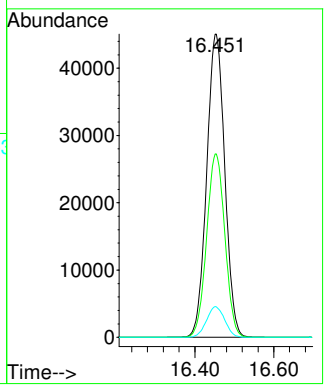


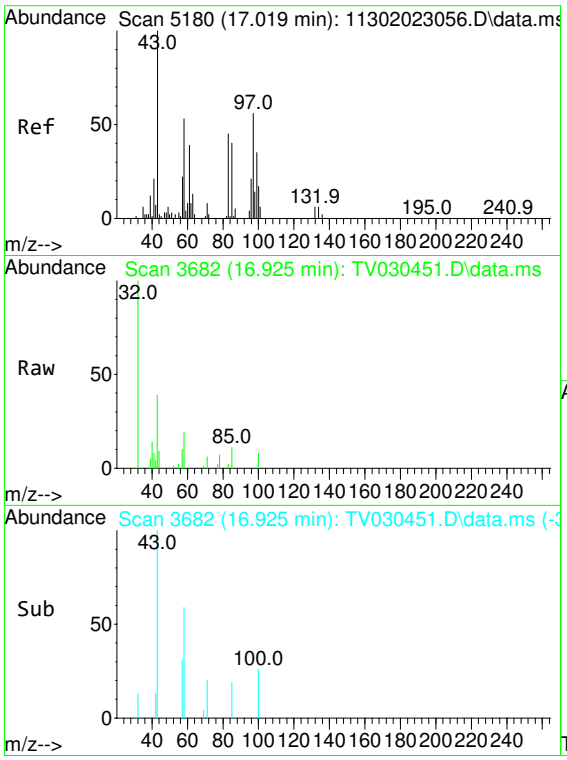


#47
Toluene
Concen: 1.06 ppbv
RT: 16.451 min Scan# 3537
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 91 Resp: 143235

Ion	Ratio	Lower	Upper
91	100		
92	61.0	39.0	81.0
65	10.2	7.7	16.1

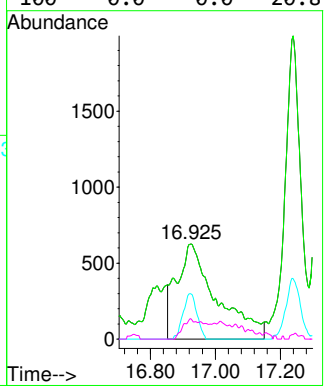


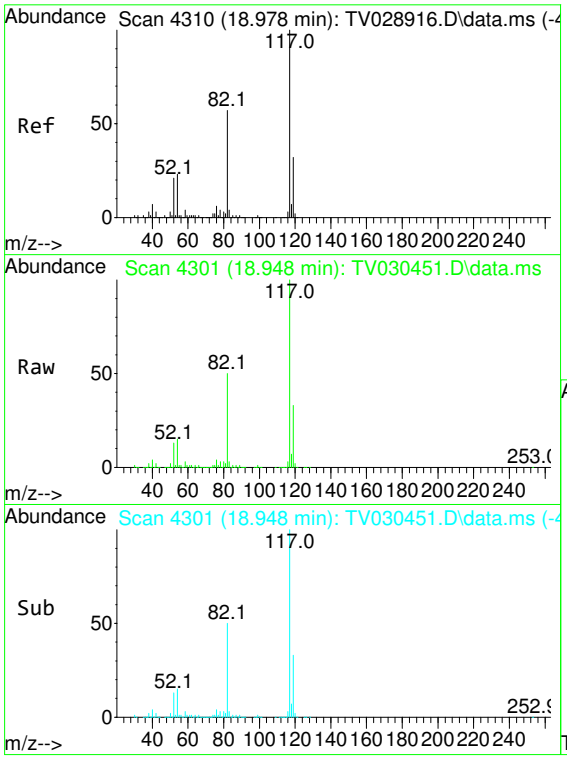


#50
2-Hexanone
Concen: 0.09 ppbv m
RT: 16.925 min Scan# 3682
Delta R.T. -0.000 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 43 Resp: 5360

Ion	Ratio	Lower	Upper
43	100		
43	80.0	80.0	120.0
58	0.0	43.4	65.2#
100	0.0	0.0	20.8

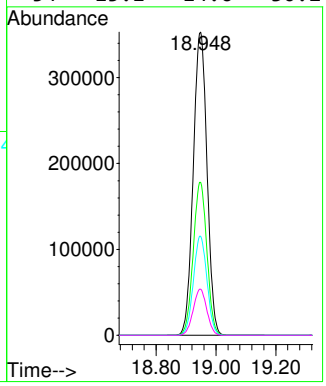


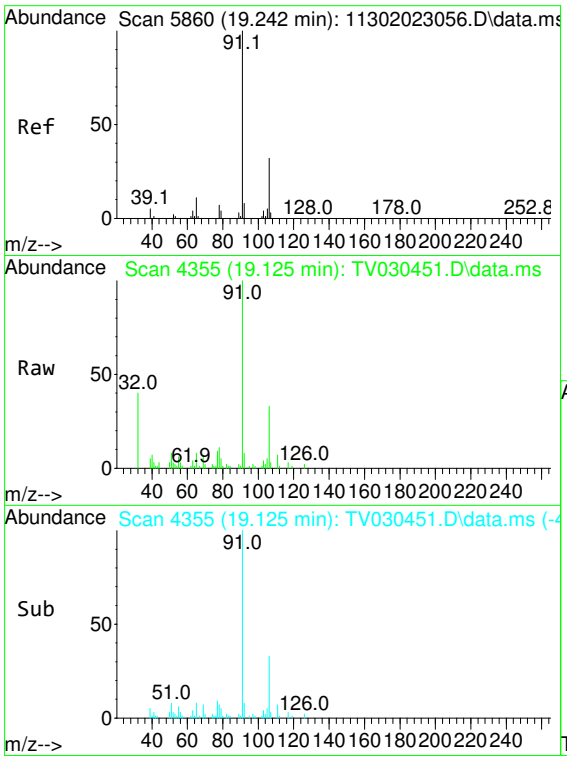


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:117 Resp: 1126192

Ion	Ratio	Lower	Upper
117	100		
82	50.1	38.7	80.5
119	32.4	20.3	42.3
54	15.1	14.6	30.2

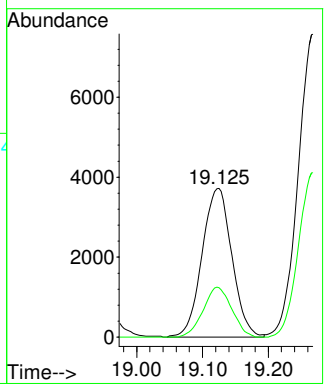


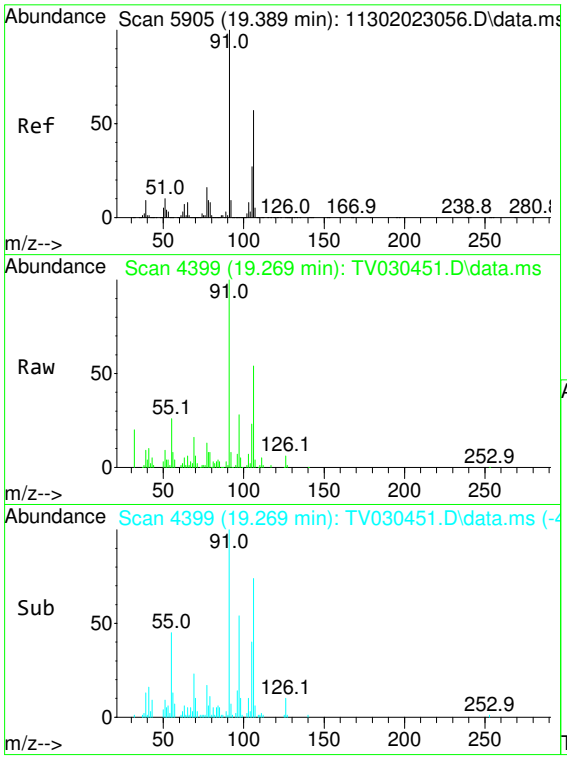


#58
Ethylbenzene
Concen: 0.07 ppbv
RT: 19.125 min Scan# 4355
Delta R.T. -0.010 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 91 Resp: 11712

Ion	Ratio	Lower	Upper
91	100		
106	32.2	20.3	42.3

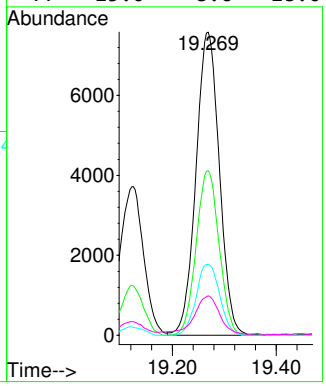


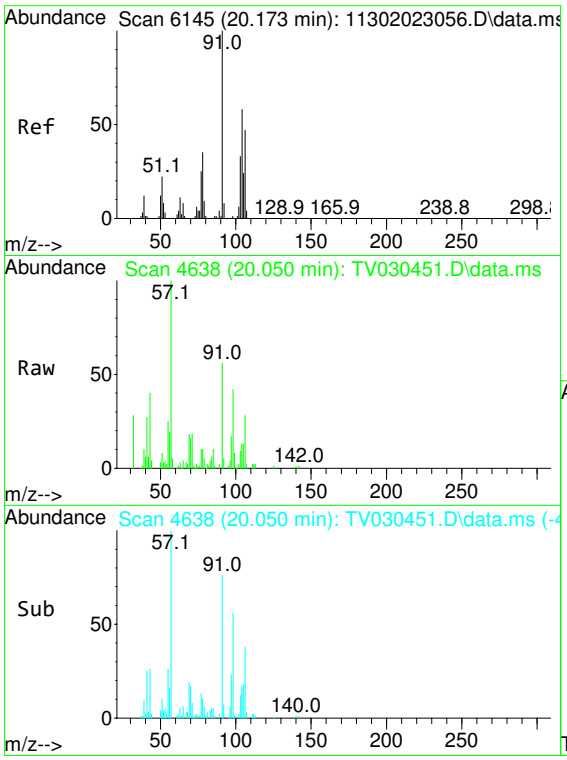


#59
p- & m-Xylenes
Concen: 0.19 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 91 Resp: 23686

Ion	Ratio	Lower	Upper
91	100		
106	53.1	31.0	64.4
105	23.6	13.4	27.8
77	15.0	8.6	18.0

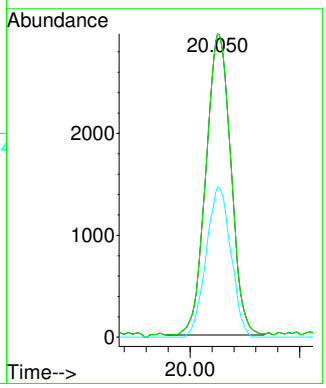


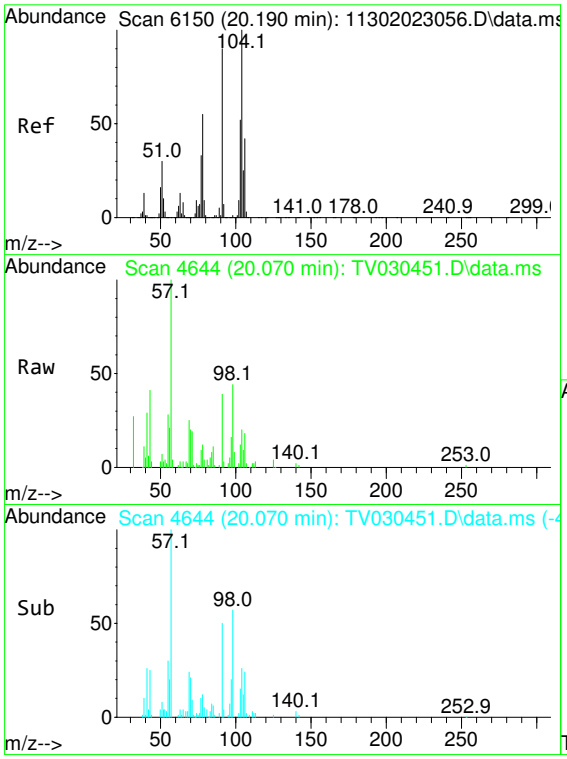


#60
o-Xylene
Concen: 0.07 ppbv
RT: 20.050 min Scan# 4638
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 91 Resp: 9292

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	49.5	36.9	55.3

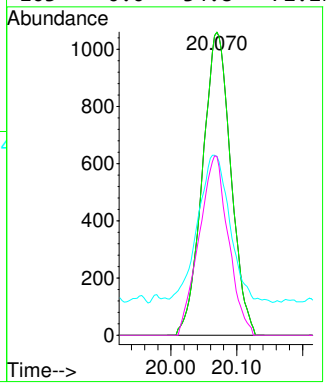


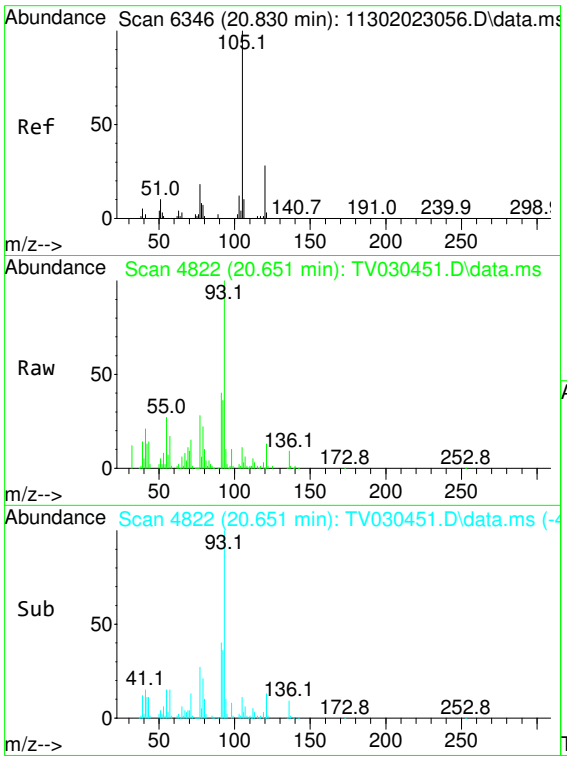


#61
Styrene
Concen: 0.03 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:104 Resp: 3163

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

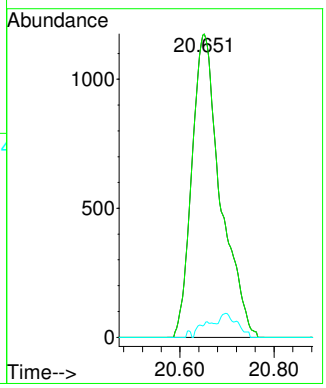


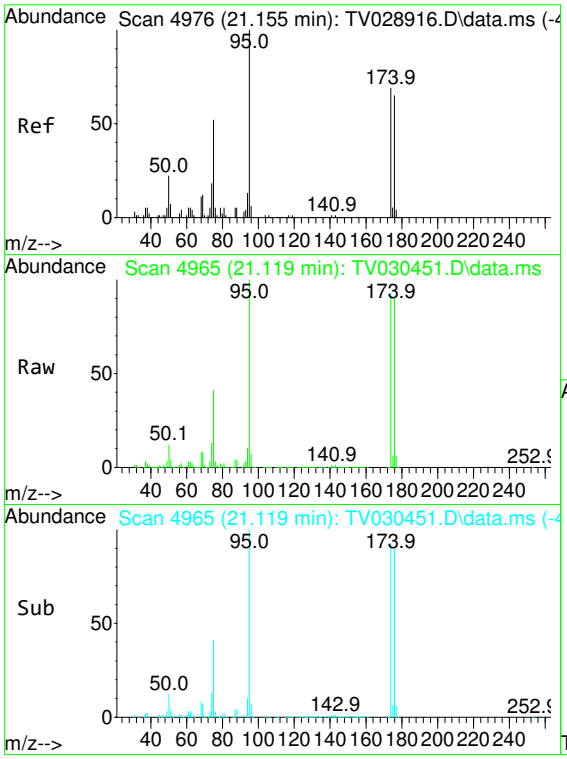


#64
Isopropylbenzene
Concen: 0.03 ppbv
RT: 20.651 min Scan# 4822
Delta R.T. -0.069 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:105 Resp: 4968

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	0.0	13.1	39.1#

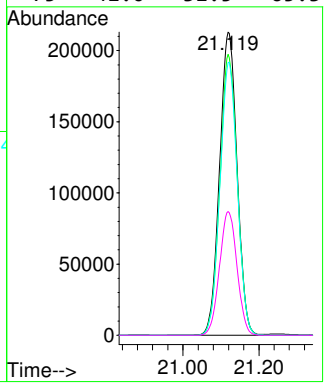


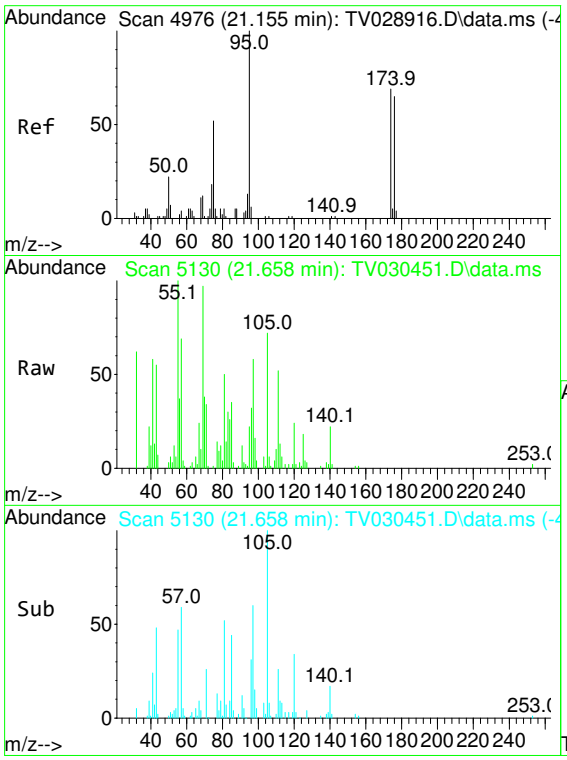


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion: 95 Resp: 681743

Ion	Ratio	Lower	Upper
95	100		
174	92.0	50.0	103.8
176	89.6	48.2	100.2
75	41.0	31.5	65.3

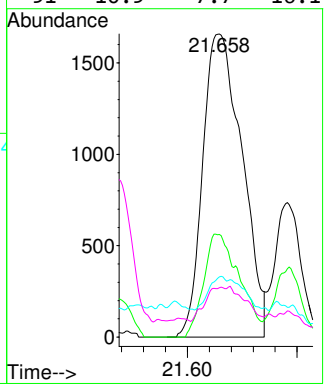


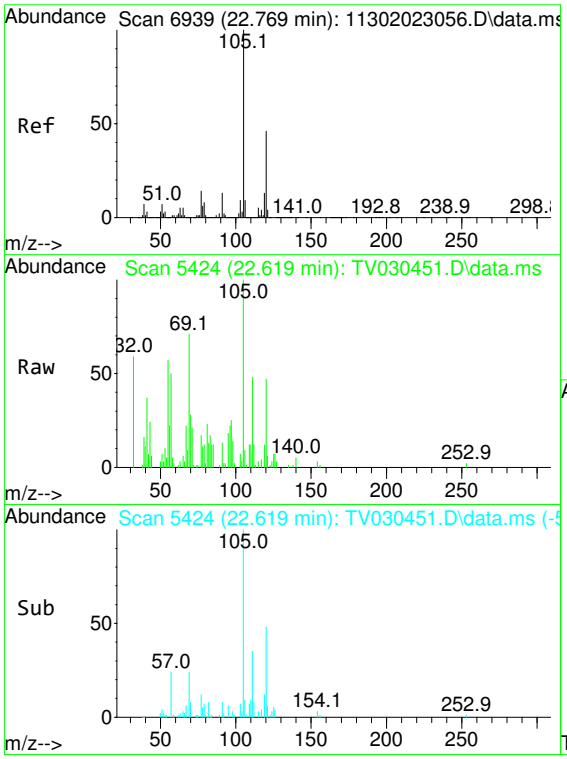


#67
4-Ethyltoluene
Concen: 0.05 ppbv
RT: 21.658 min Scan# 5130
Delta R.T. -0.052 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:105 Resp: 8232

Ion	Ratio	Lower	Upper
105	100		
120	31.4	17.2	35.6
77	9.5	7.6	15.8
91	10.9	7.7	16.1

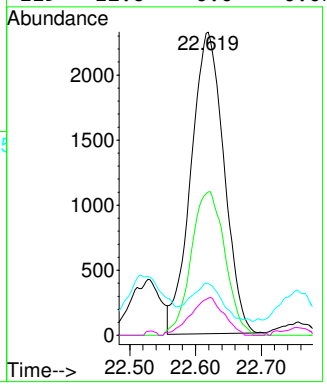


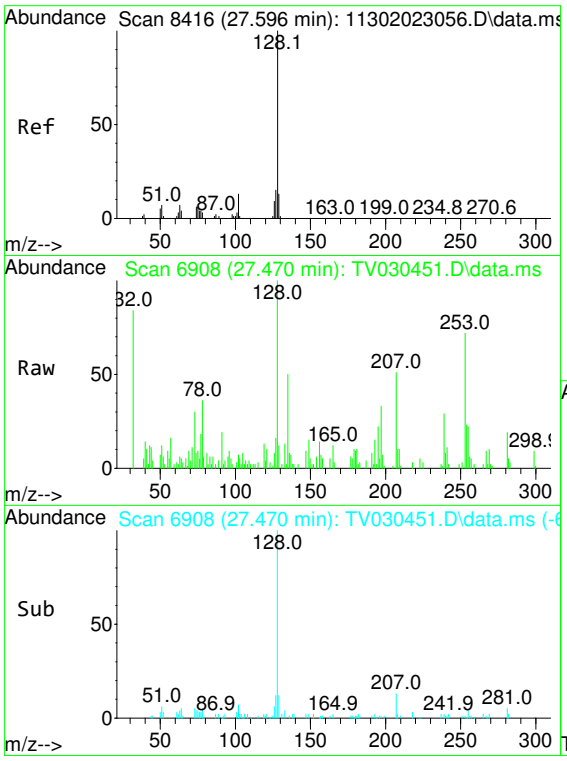


#70
1,2,4-Trimethylbenzene
Concen: 0.05 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:105 Resp: 8063

Ion	Ratio	Lower	Upper
105	100		
120	48.8	29.0	60.2
77	11.5	8.2	17.0
119	12.6	0.0	0.0#

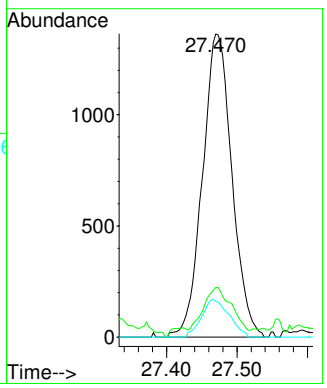




#80
Naphthalene
Concen: 0.02 ppbv
RT: 27.470 min Scan# 6908
Delta R.T. -0.020 min
Lab File: TV030451.D
Acq: 21 Apr 2025 10:16 pm

Tgt Ion:128 Resp: 3949

Ion	Ratio	Lower	Upper
128	100		
127	19.0	8.1	16.9#
129	0.0	7.3	15.1#



Sample Information

Client Sample ID: AI-6 20250326 **York Sample ID: 25C1721-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.54	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.43	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.54	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.60		ug/m³	0.60	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.43	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.077	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.58	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.38		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.60	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.55	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.52	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.56	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.29		ug/m³	0.18	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
78-93-3	**2-Butanone**	1.4		ug/m³	0.23	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.64	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
67-64-1	**Acetone**	27		ug/m³	1.5	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
107-13-1	**Acrylonitrile**	3.9		ug/m³	2.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
71-43-2	**Benzene**	1.2		ug/m³	0.25	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.40	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-25-2	Bromoform	ND		ug/m³	0.81	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
74-83-9	Bromomethane	ND		ug/m³	0.30	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
56-23-5	**Carbon tetrachloride**	0.54		ug/m³	0.12	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR

Sample Information

Client Sample ID: **AI-6 20250326** **York Sample ID:** **25C1721-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
67-66-3	Chloroform	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
74-87-3	**Chloromethane**	1.1		ug/m³	0.16	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.077	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
110-82-7	Cyclohexane	ND		ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.66	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.39	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
141-78-6	*** Ethyl acetate**	3.1		ug/m³	0.56	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
100-41-4	**Ethyl Benzene**	0.34		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.83	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
67-63-0	**Isopropanol**	2.6	CAL-E	ug/m³	1.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.28	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.82	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
142-82-5	**n-Heptane**	0.90		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
110-54-3	**n-Hexane**	0.30		ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
95-47-6	**o-Xylene**	0.34		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
179601-23-1	**p- & m- Xylenes**	0.88		ug/m³	0.68	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
115-07-1	*** Propylene**	0.99		ug/m³	0.13	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
100-42-5	Styrene	ND		ug/m³	0.33	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.53	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
109-99-9	*** Tetrahydrofuran**	0.67		ug/m³	0.46	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
108-88-3	**Toluene**	2.8		ug/m³	0.29	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.31	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.44	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR
74-97-5	*Internal Standard: Bromochloromethan*	*110 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*109 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*106 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030452.D
Acq On : 21 Apr 2025 11:03 pm
Operator : YR
Sample : 25C1721-11
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.78
InstName : TO15_AIR3

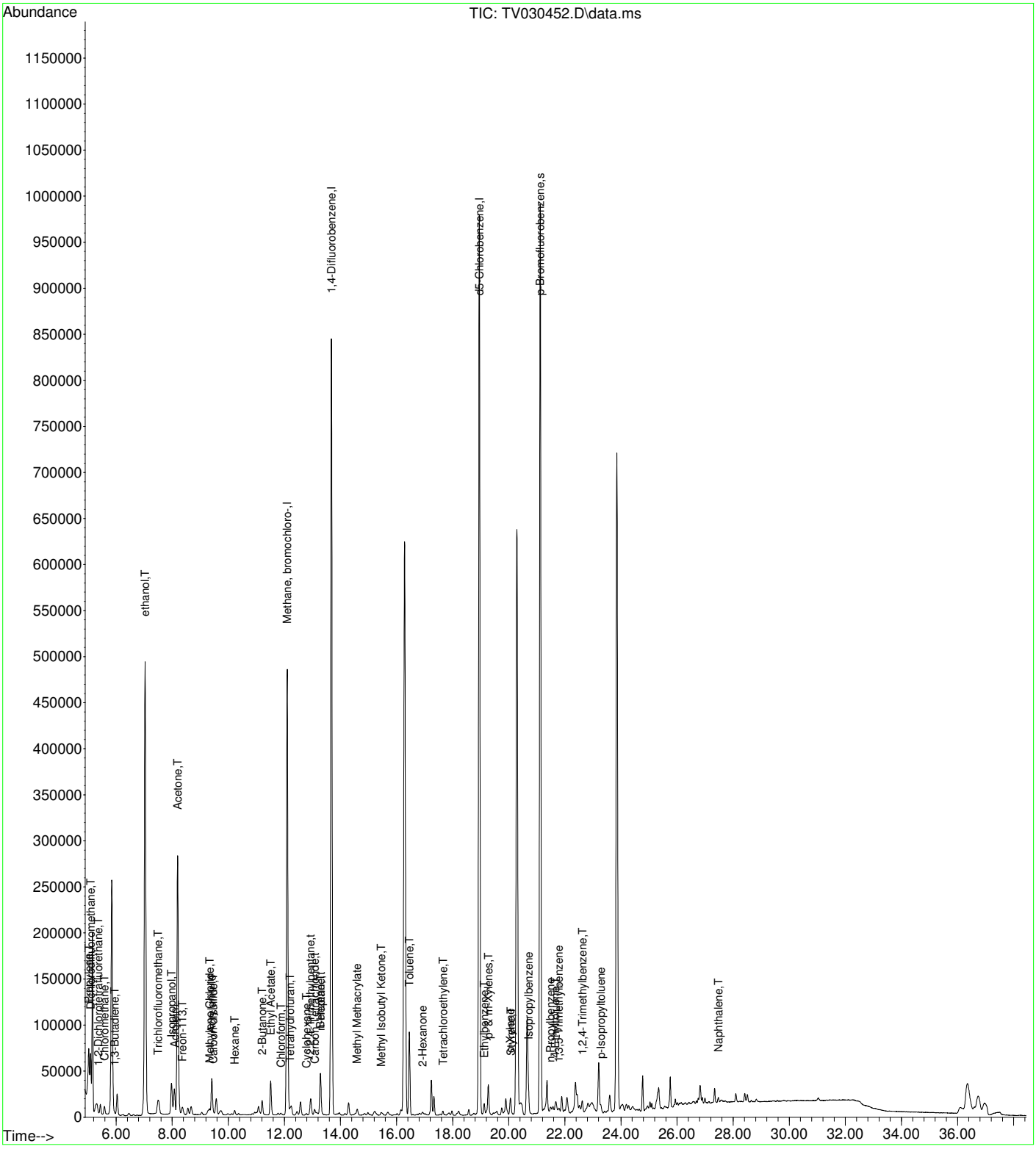
Quant Time: Apr 22 07:18:55 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

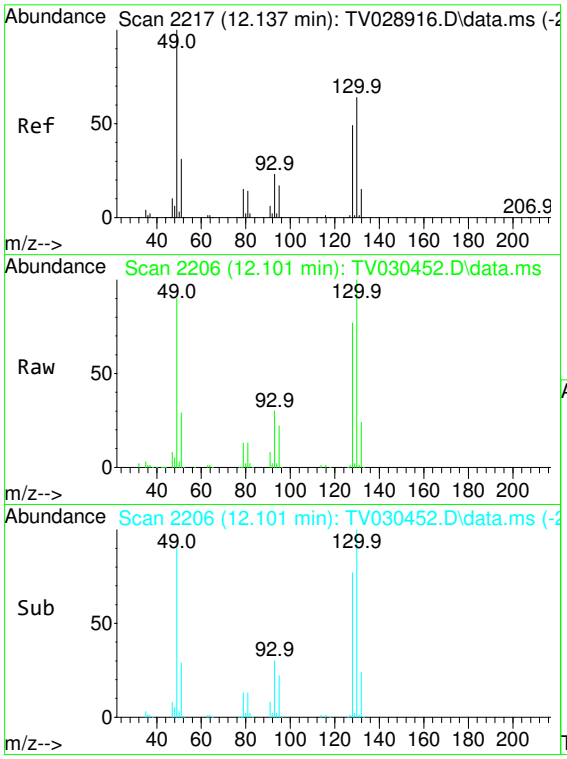
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	325911	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1331114	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.945	117	1162585	10.00	ppbv		-0.02
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	697213	0.33	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.021	42	9983	0.74	ppbv	#	25
3) Dichlorodifluoromethane	5.093	85	46866	0.63	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.364	85	1880	0.02	ppbv	#	87
5) Chloromethane	5.583	50	15570	0.71	ppbv		99
7) 1,3-Butadiene	5.946	54	1320	0.06	ppbv	#	69
10) ethanol	7.031	45	570396	41.59	ppbv		88
12) Trichlorofluoromethane	7.489	101	22182	0.31	ppbv		99
13) Isopropanol	7.973	45	77261	1.33	ppbv		100
14) Acrolein	8.090	56	3722	0.30	ppbv	#	100
15) Acetone	8.191	43	578572	14.84	ppbv	#	79
16) Freon-113	8.361	101	6344	0.10	ppbv		92
19) Methylene Chloride	9.336	49	5412	0.18	ppbv	#	1
20) Acrylonitrile	9.411	53	56081	2.28	ppbv	#	100
21) Carbon disulfide	9.463	76	5086	0.06	ppbv	#	67
24) Hexane	10.228	57	4739	0.11	ppbv		92
27) 2-Butanone	11.205	43	31971	0.62	ppbv		86
28) Ethyl Acetate	11.509	43	66172	1.12	ppbv		93
30) Chloroform	11.875	83	2535	0.04	ppbv	#	85
31) Tetrahydrofuran	12.196	42	8414	0.29	ppbv	#	87
33) Cyclohexane	12.784	56	1362	0.03	ppbv	#	84
34) 2,2,4-Trimethylpentane	12.924	57	10216	0.08	ppbv	#	1
35) Carbon Tetrachloride	13.078	117	6865	0.11	ppbv		99
37) Benzene	13.281	78	48799	0.50	ppbv	#	100
38) n-Heptane	13.294	43	12222	0.28	ppbv	#	88
42) Methyl Methacrylate	14.591	69	1772	0.04	ppbv	#	69
45) Methyl Isobutyl Ketone	15.445	43	4809	0.07	ppbv	#	79
47) Toluene	16.455	91	128019	0.94	ppbv		98
50) 2-Hexanone	16.922	43	5662	0.09	ppbv	#	89
52) Tetrachloroethylene	17.651	166	2760	0.05	ppbv		94
58) Ethylbenzene	19.122	91	17199	0.10	ppbv		97
59) p- & m-Xylenes	19.269	91	33151	0.26	ppbv		93
60) o-Xylene	20.050	91	13097	0.10	ppbv		98
61) Styrene	20.073	104	4994	0.05	ppbv	#	74
63) n-Propylbenzene	21.475	91	4876	0.02	ppbv		100
64) Isopropylbenzene	20.704	105	27487	0.14	ppbv		98
67) 4-Ethyltoluene	21.655	105	13289	0.07	ppbv		92
68) 1,3,5-Trimethylbenzene	21.782	105	4079	0.03	ppbv		94
70) 1,2,4-Trimethylbenzene	22.619	105	15152	0.10	ppbv	#	94
72) p-Isopropyltoluene	23.280	119	11333	0.06	ppbv	#	100
80) Naphthalene	27.473	128	7098	0.04	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030452.D
Acq On : 21 Apr 2025 11:03 pm
Operator : YR
Sample : 25C1721-11
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.78
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:55 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

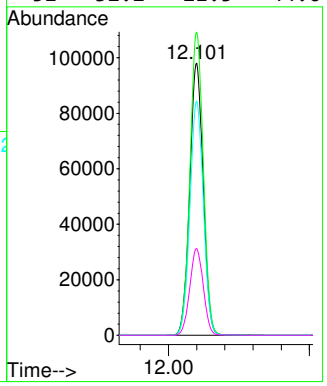


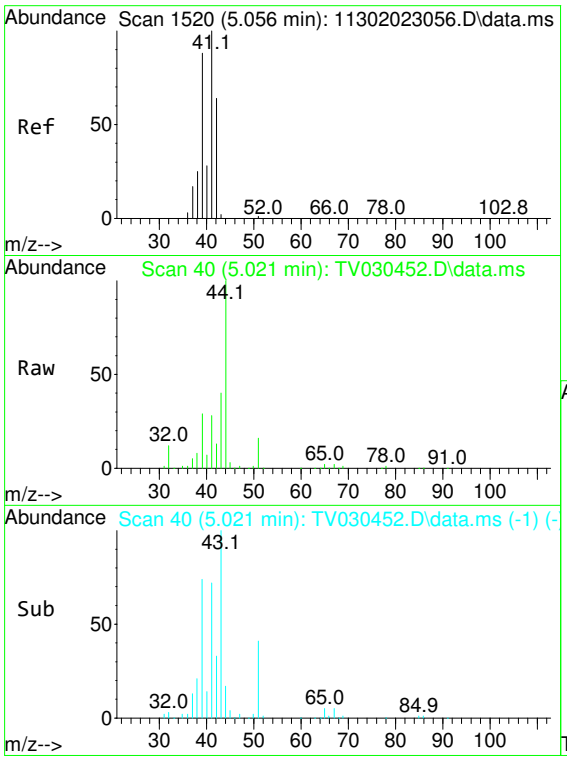


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 49 Resp: 325911

Ion	Ratio	Lower	Upper
49	100		
130	110.9	44.5	92.3#
128	86.0	34.7	72.1#
51	32.2	21.5	44.6

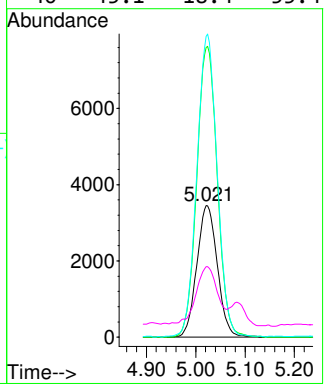


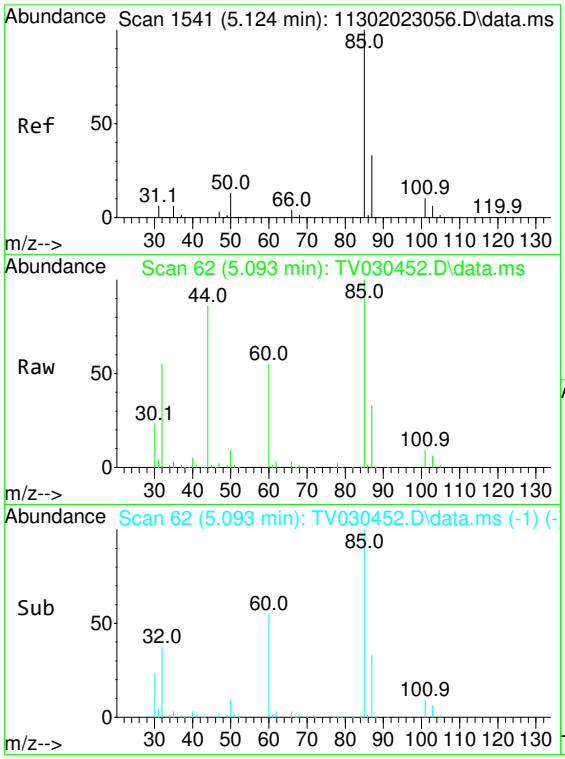


#2
Propylene
Concen: 0.74 ppbv
RT: 5.021 min Scan# 40
Delta R.T. -0.020 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 42 Resp: 9983

Ion	Ratio	Lower	Upper
42	100		
41	221.0	88.9	207.5#
39	228.2	52.2	156.6#
40	45.1	18.4	55.4

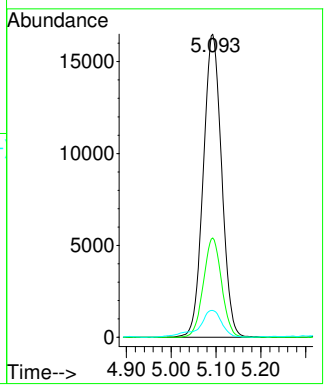


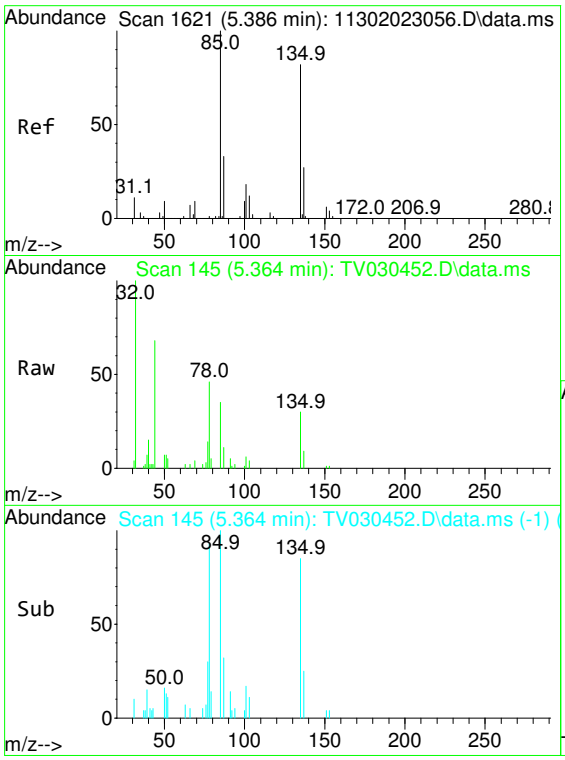


#3
Dichlorodifluoromethane
Concen: 0.63 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 85 Resp: 46866

Ion	Ratio	Lower	Upper
85	100		
87	32.6	21.0	43.6
50	11.3	6.8	14.2

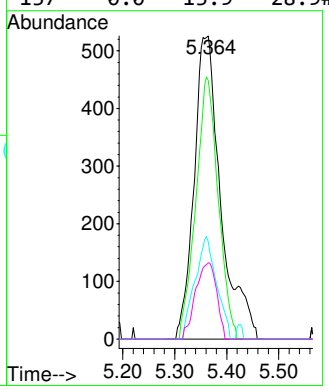


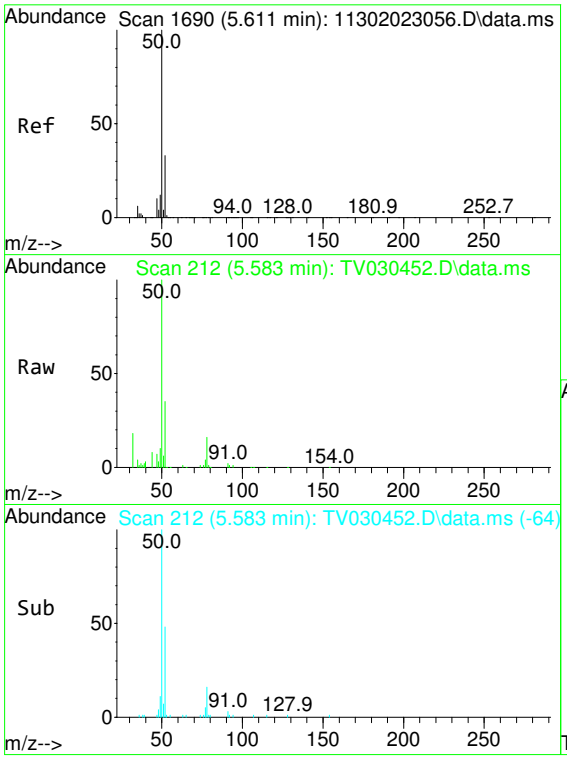


#4
1,2-Dichlorotetrafluorethane
Concen: 0.02 ppbv
RT: 5.364 min Scan# 145
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 85 Resp: 1880

Ion	Ratio	Lower	Upper
85	100		
135	72.0	43.7	90.7
87	28.2	20.9	43.3
137	0.0	13.9	28.9#

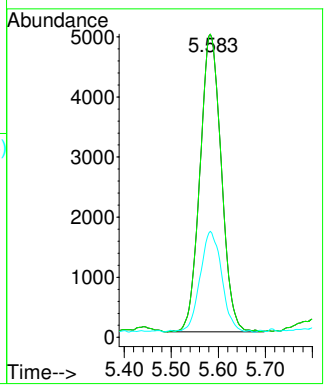


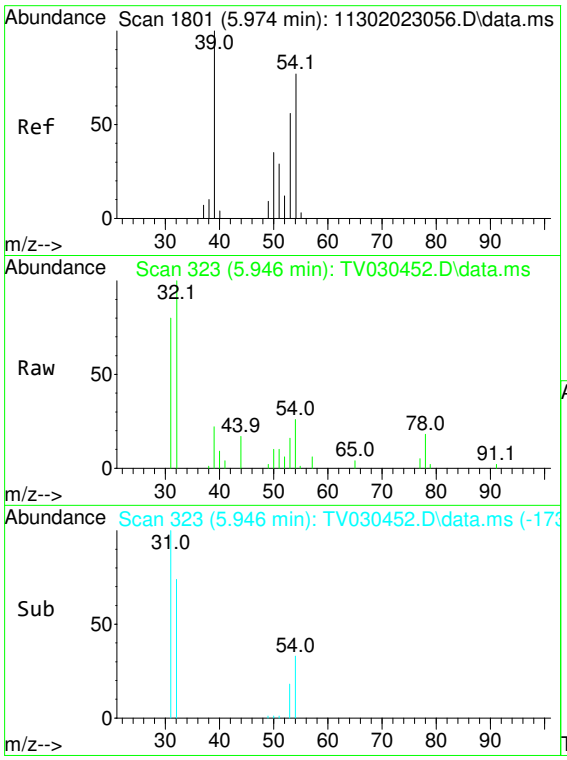


#5
Chloromethane
Concen: 0.71 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 50 Resp: 15570

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	34.8	16.5	49.5

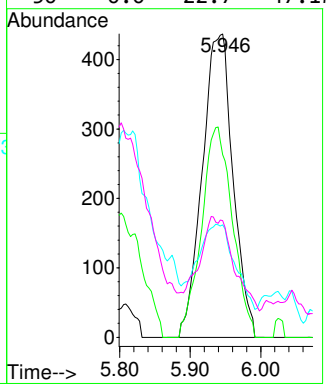


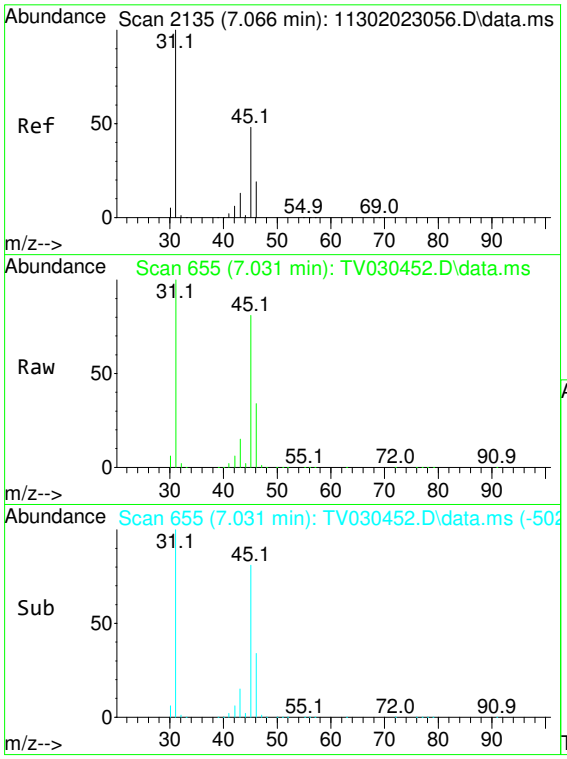


#7
1,3-Butadiene
Concen: 0.06 ppbv
RT: 5.946 min Scan# 323
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 54 Resp: 1320

Ion	Ratio	Lower	Upper
54	100		
53	69.8	43.4	90.2
51	0.0	19.9	41.3#
50	0.0	22.7	47.1#

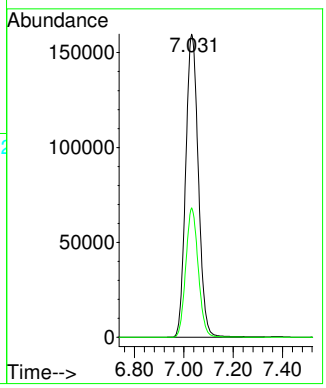


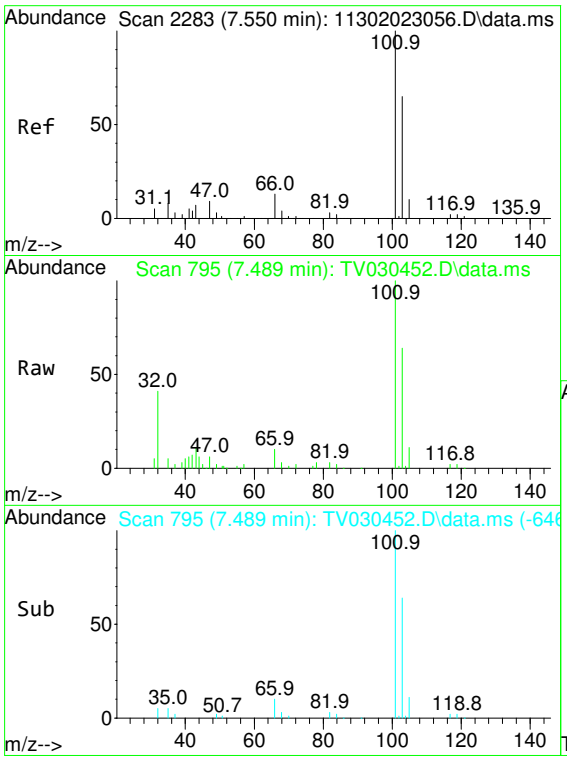


#10
ethanol
Concen: 41.59 ppbv
RT: 7.031 min Scan# 655
Delta R.T. 0.000 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 45 Resp: 570396

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

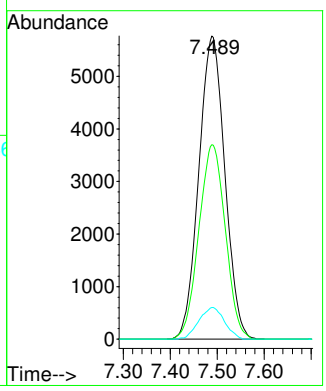


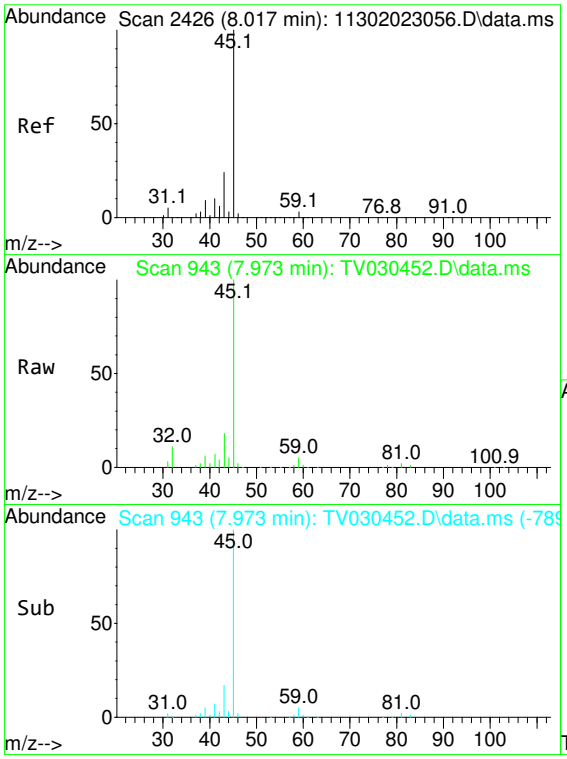


#12
Trichlorofluoromethane
Concen: 0.31 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:101 Resp: 22182

Ion	Ratio	Lower	Upper
101	100		
103	65.4	42.4	88.0
66	10.3	7.9	16.5

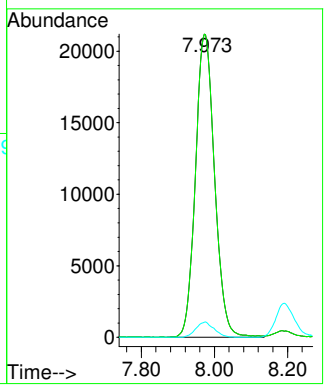


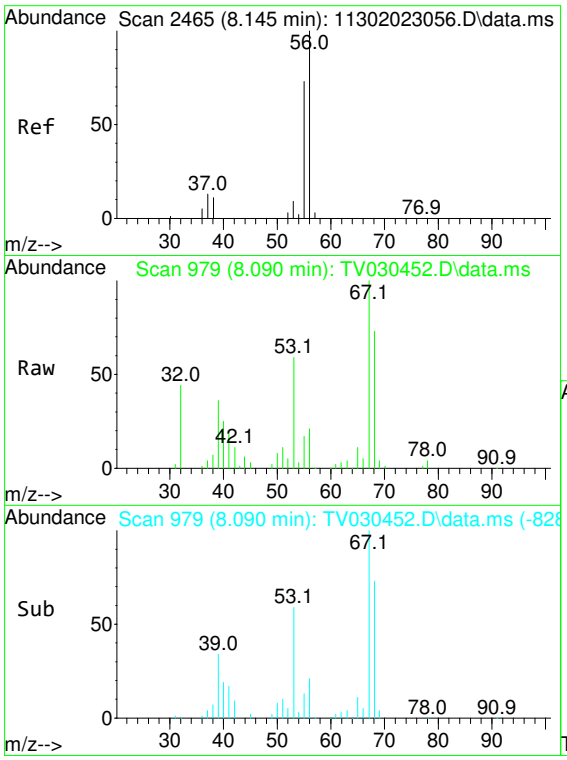


#13
Isopropanol
Concen: 1.33 ppbv
RT: 7.973 min Scan# 943
Delta R.T. 0.003 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 45 Resp: 77261

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

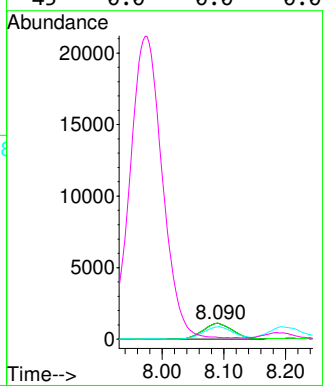


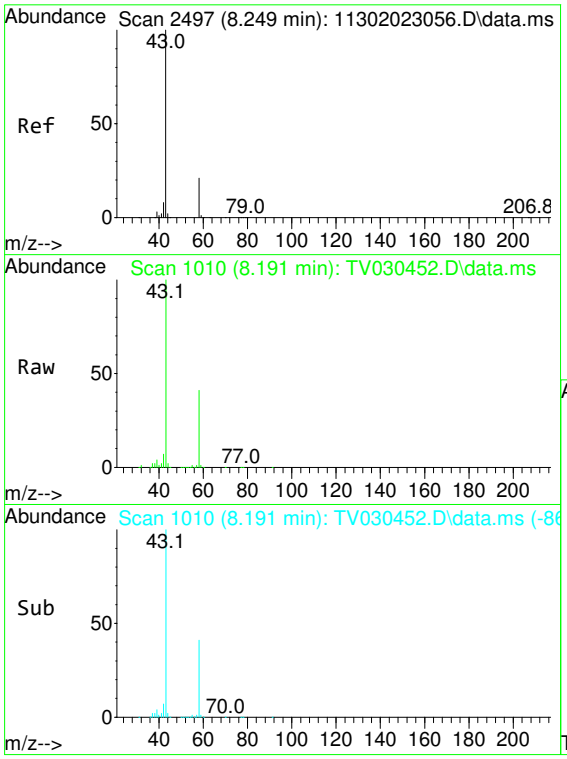


#14
Acrolein
Concen: 0.30 ppbv
RT: 8.090 min Scan# 979
Delta R.T. -0.007 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 56 Resp: 3722

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

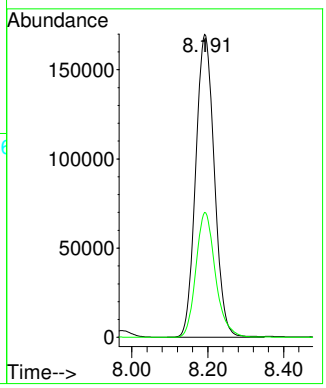


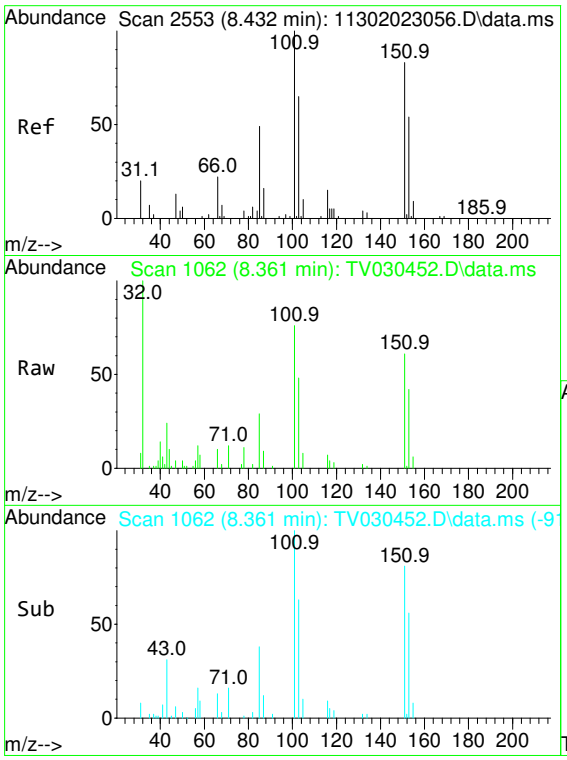


#15
Acetone
Concen: 14.84 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 578572

Ion	Ratio	Lower	Upper
43	100		
58	43.4	20.7	42.9#

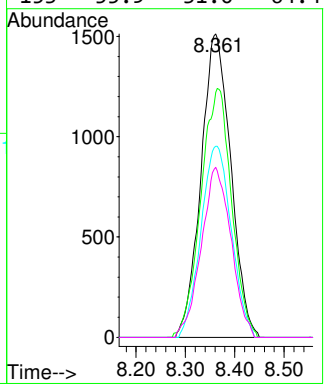


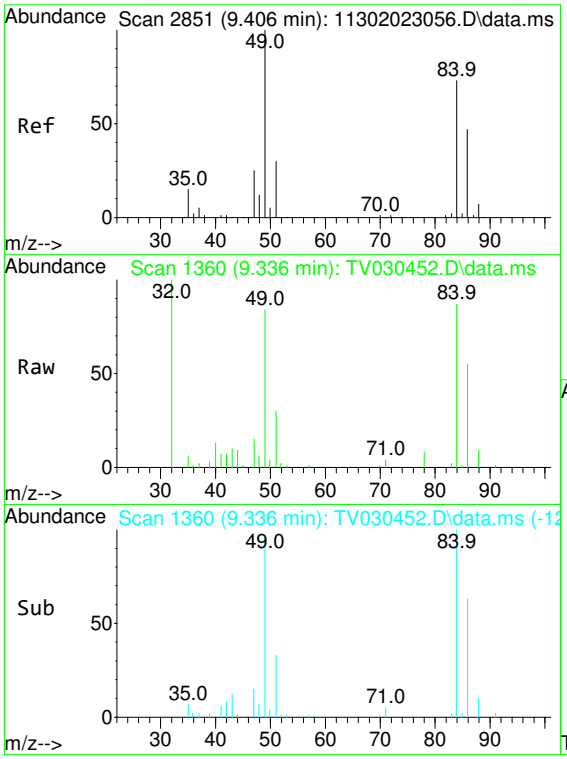


#16
Freon-113
Concen: 0.10 ppbv
RT: 8.361 min Scan# 1062
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:101 Resp: 6344

Ion	Ratio	Lower	Upper
101	100		
151	84.6	48.6	100.8
103	64.2	42.0	87.2
153	55.9	31.0	64.4

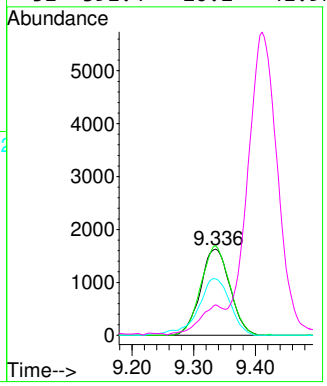


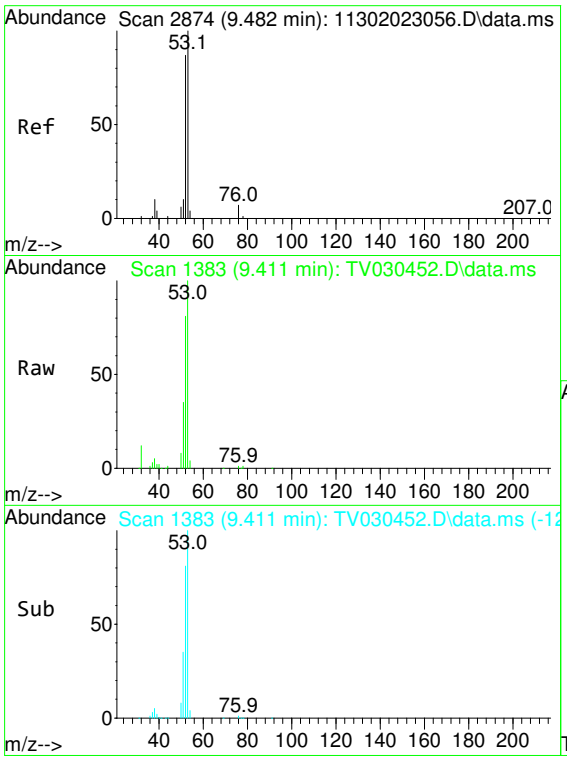


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.336 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 49 Resp: 5412

Ion	Ratio	Lower	Upper
49	100		
84	101.9	50.1	104.0
86	71.9	32.2	66.8#
51	391.4	20.2	41.9#

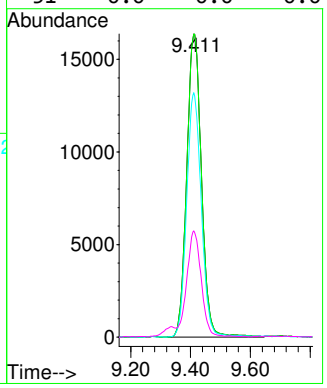


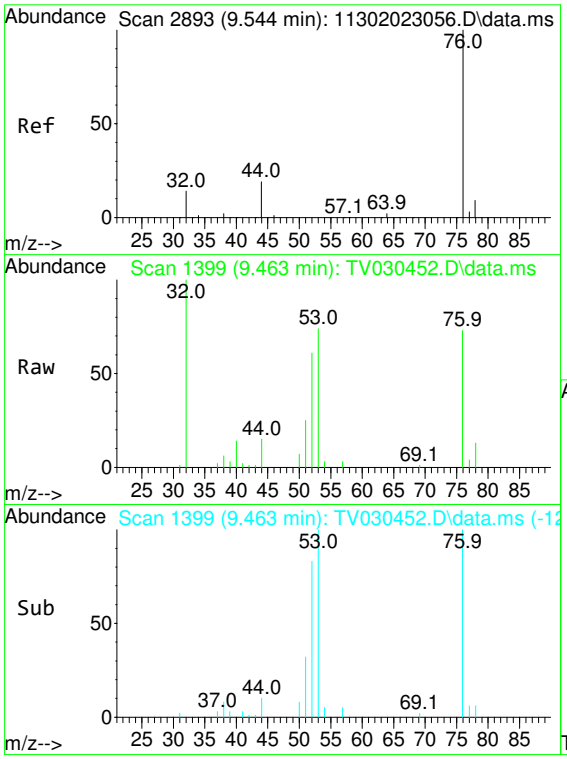


#20
Acrylonitrile
Concen: 2.28 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 53 Resp: 56081

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

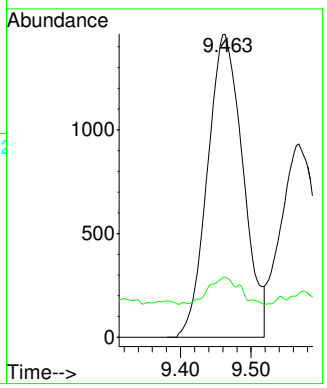


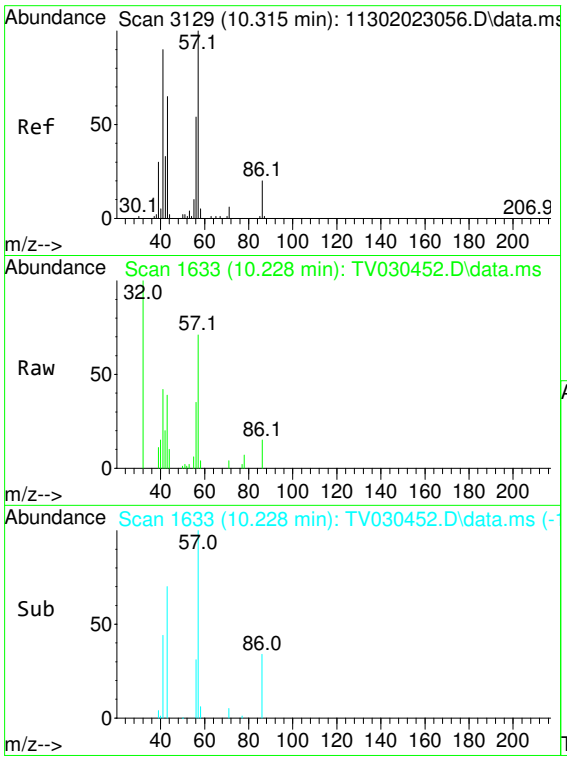


#21
Carbon disulfide
Concen: 0.06 ppbv
RT: 9.463 min Scan# 1399
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 76 Resp: 5086

Ion	Ratio	Lower	Upper
76	100		
44	0.0	8.4	17.4#

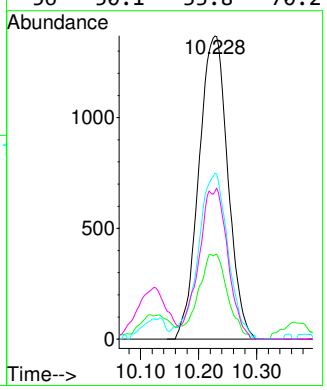


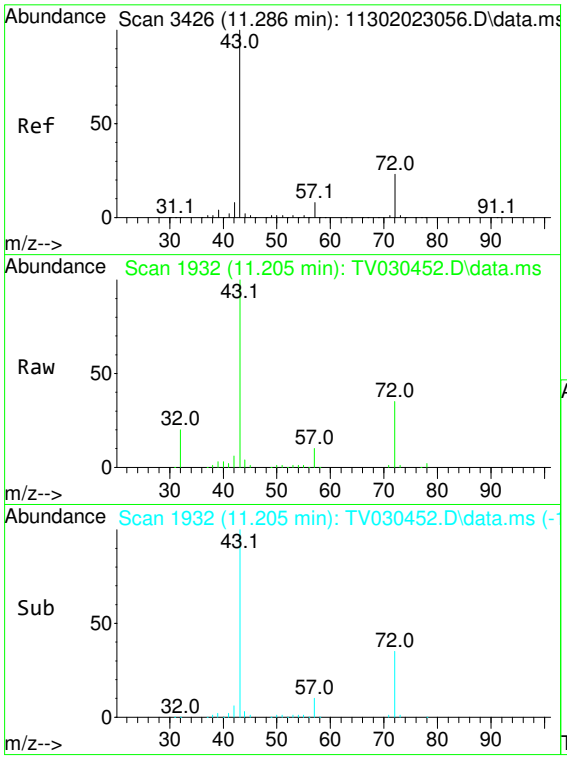


#24
Hexane
Concen: 0.11 ppbv
RT: 10.228 min Scan# 1633
Delta R.T. -0.007 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 57 Resp: 4739

Ion	Ratio	Lower	Upper
57	100		
42	28.8	22.2	46.0
43	57.1	42.9	89.1
56	50.1	33.8	70.2

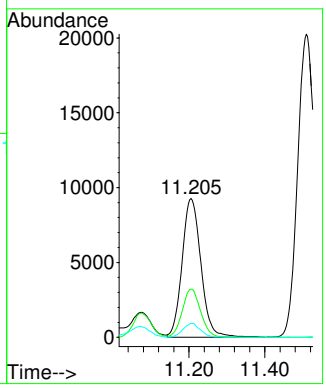


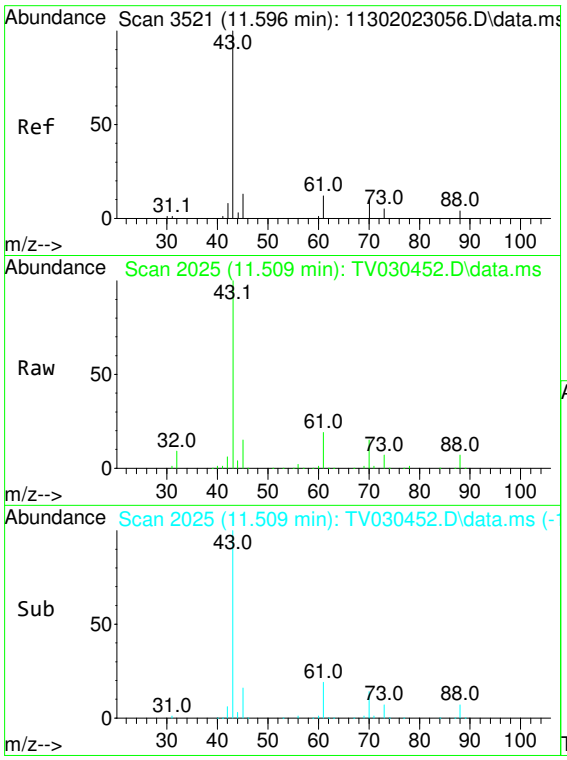


#27
2-Butanone
Concen: 0.62 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 31971

Ion	Ratio	Lower	Upper
43	100		
72	34.0	16.4	34.2
57	9.3	5.0	10.4

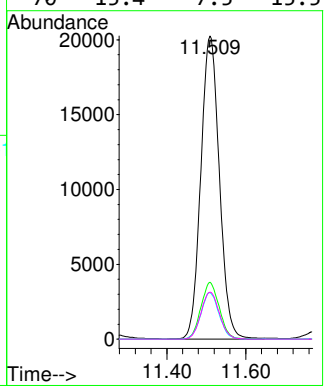


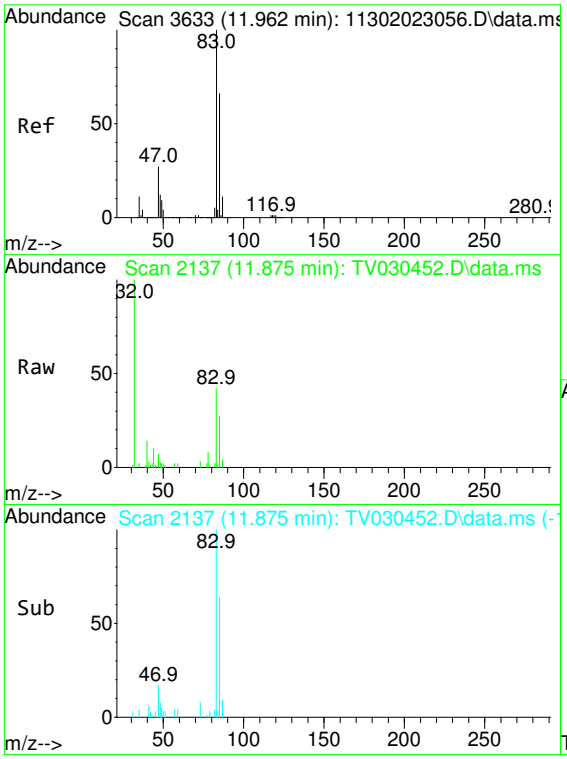


#28
Ethyl Acetate
Concen: 1.12 ppbv
RT: 11.509 min Scan# 2025
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 66172

Ion	Ratio	Lower	Upper
43	100		
61	18.6	9.2	19.2
45	15.0	9.4	19.6
70	15.4	7.5	15.5

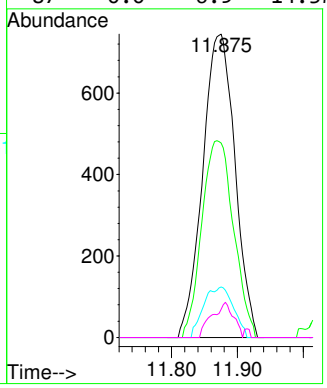


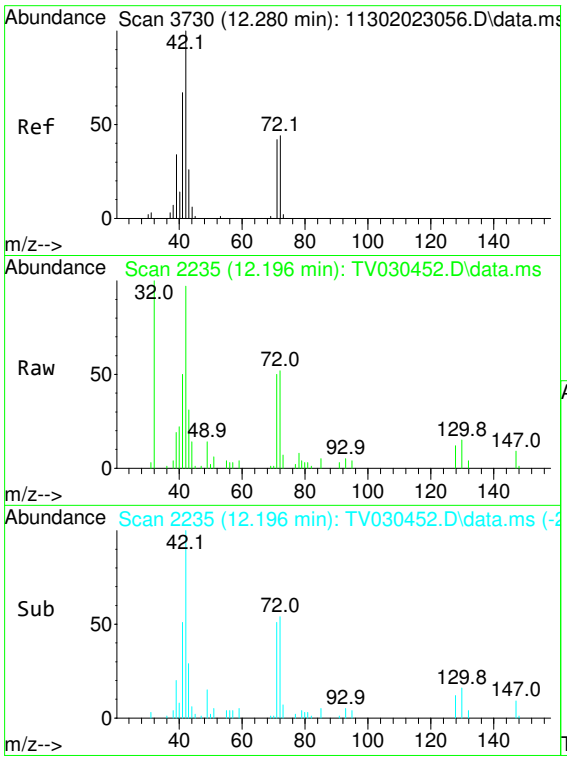


#30
Chloroform
Concen: 0.04 ppbv
RT: 11.875 min Scan# 2137
Delta R.T. -0.007 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 83 Resp: 2535

Ion	Ratio	Lower	Upper
83	100		
85	63.8	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

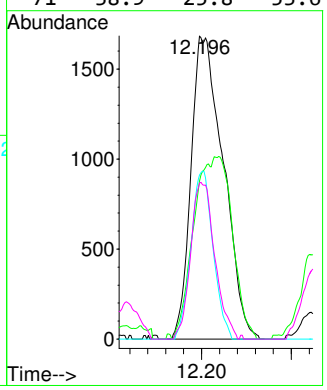


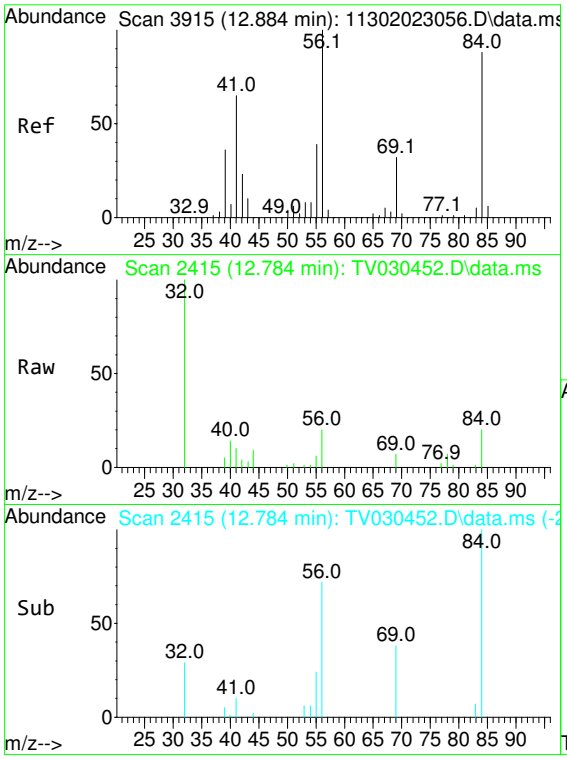


#31
Tetrahydrofuran
Concen: 0.29 ppbv
RT: 12.196 min Scan# 2235
Delta R.T. -0.007 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 42 Resp: 8414

Ion	Ratio	Lower	Upper
42	100		
41	72.0	34.5	71.7#
72	38.1	27.4	56.8
71	38.9	25.8	53.6

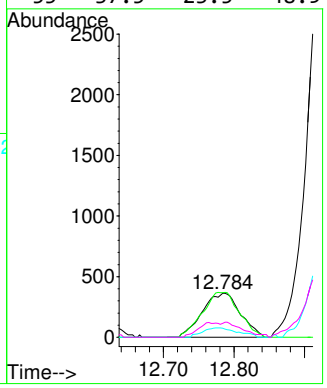


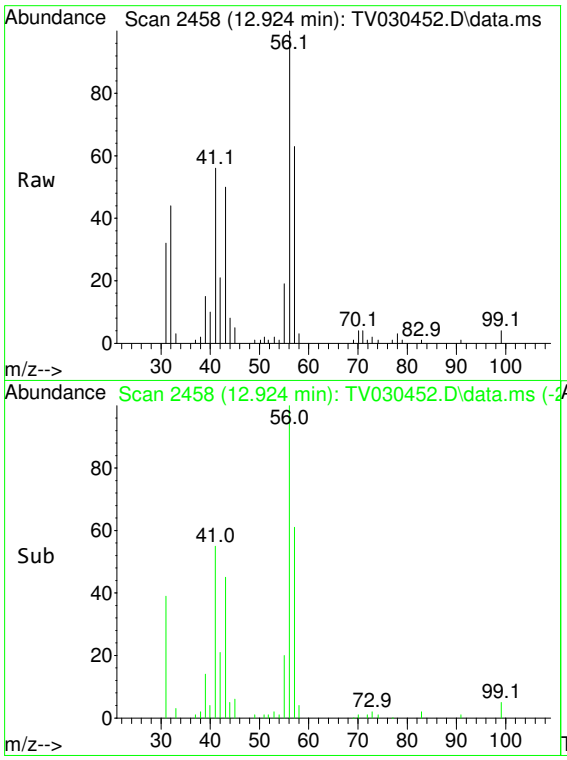


#33
Cyclohexane
Concen: 0.03 ppbv
RT: 12.784 min Scan# 2415
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 56 Resp: 1362

Ion	Ratio	Lower	Upper
56	100		
84	99.0	56.4	117.0
42	0.0	15.3	31.7#
55	37.5	23.5	48.9

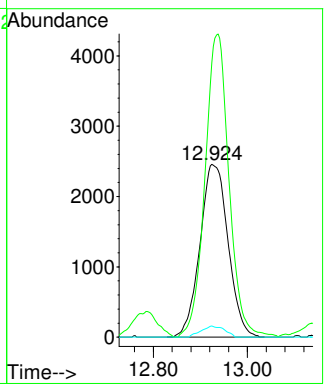


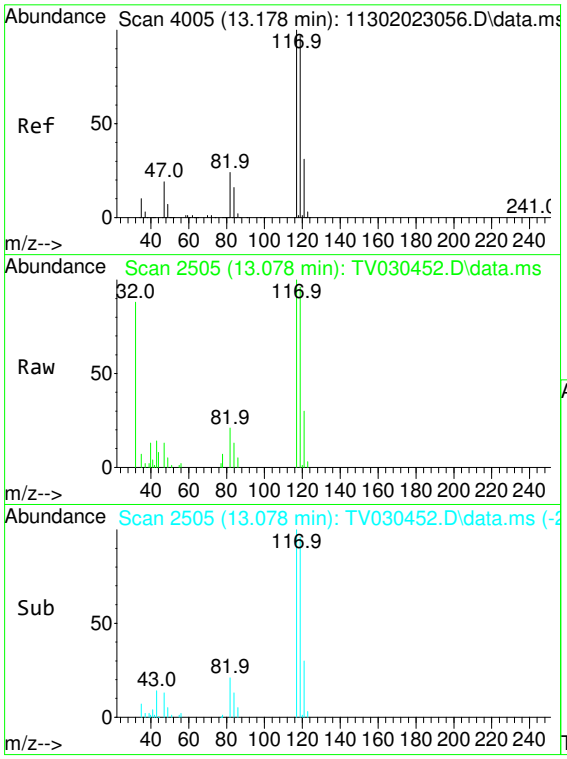


#34
2,2,4-Trimethylpentane
Concen: 0.08 ppbv
RT: 12.924 min Scan# 2458
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 57 Resp: 10216

Ion	Ratio	Lower	Upper
57	100		
56	150.0	24.5	45.5#
99	5.4	3.5	6.5

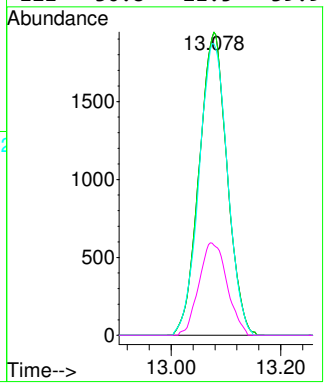


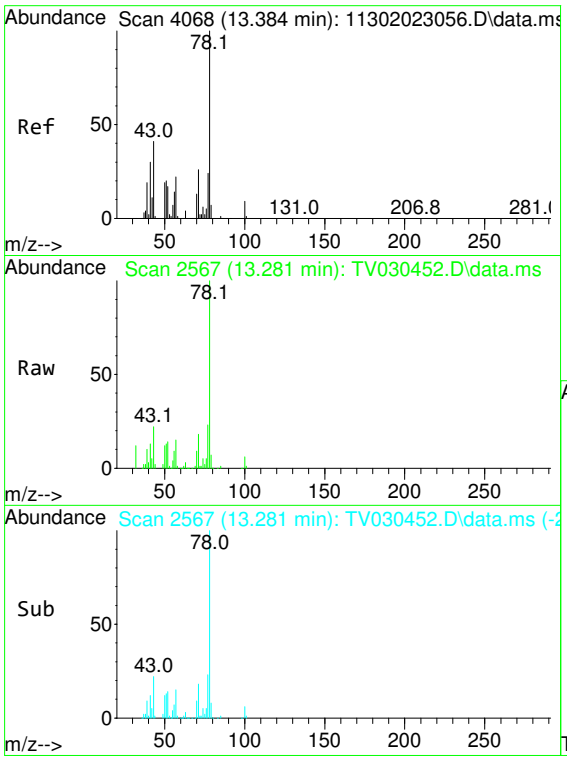


#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:117 Resp: 6865

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	97.9	76.5	114.7
121	30.8	21.5	39.9

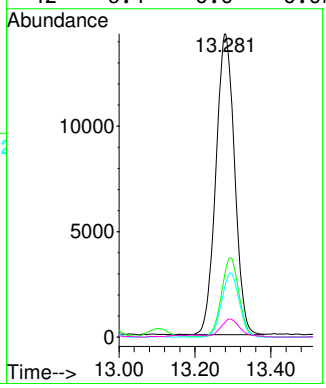


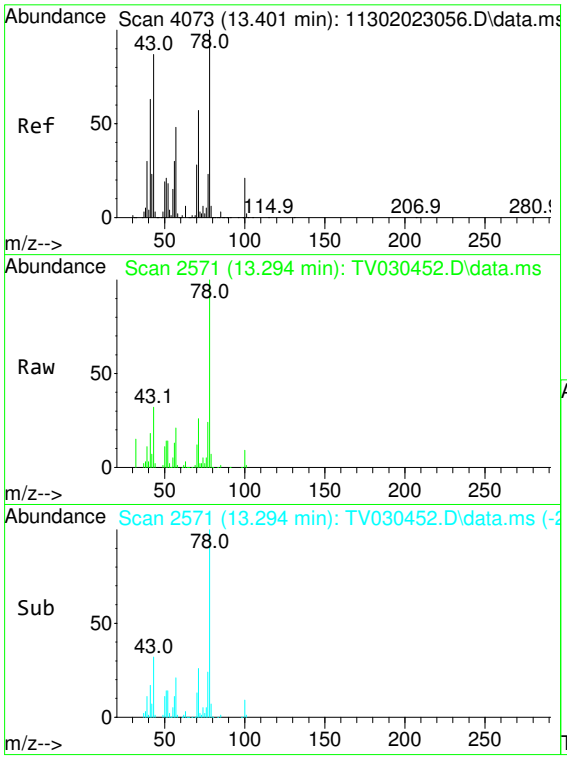


#37
Benzene
Concen: 0.50 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 78 Resp: 48799

Ion	Ratio	Lower	Upper
78	100		
43	25.0	0.0	0.0#
71	20.1	0.0	0.0#
42	6.4	0.0	0.0#

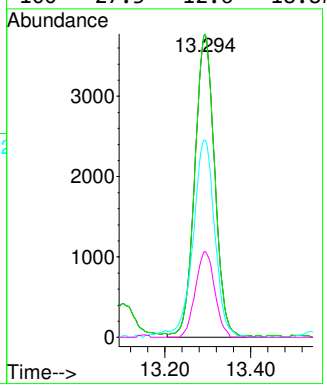


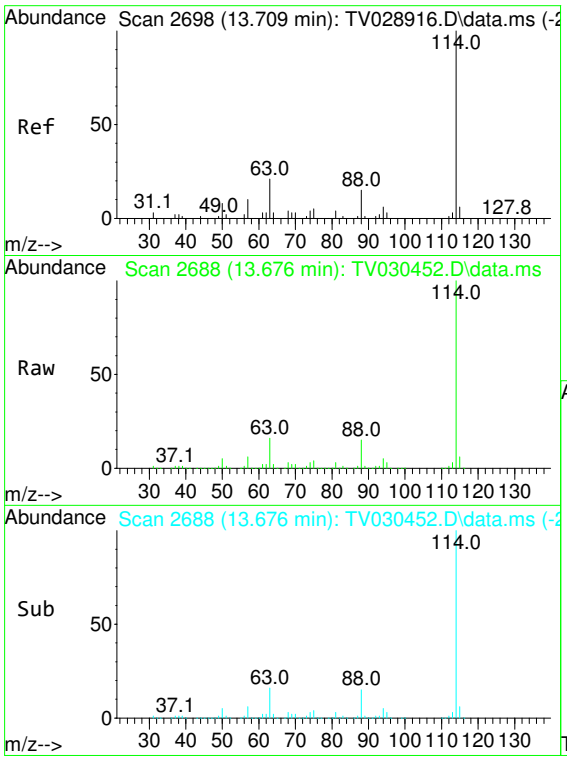


#38
n-Heptane
Concen: 0.28 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 12222

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	71.6	39.8	59.8#
100	27.3	12.6	18.8#

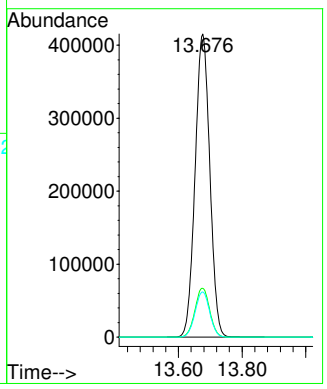


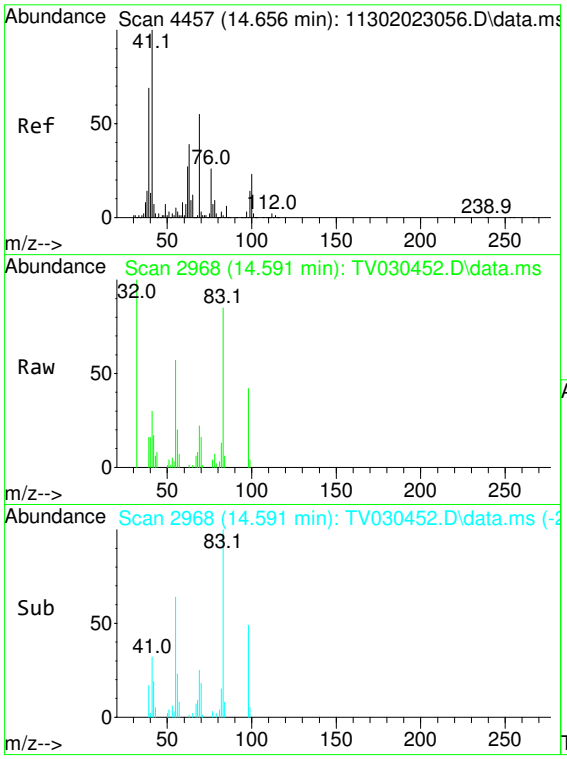


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:114 Resp: 1331114

Ion	Ratio	Lower	Upper
114	100		
63	16.3	14.0	29.2
88	14.9	11.2	23.2

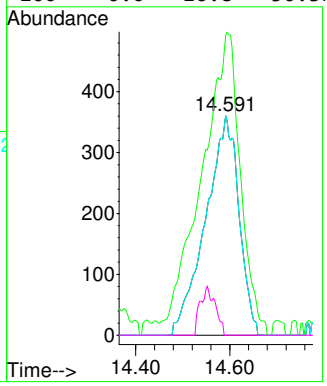


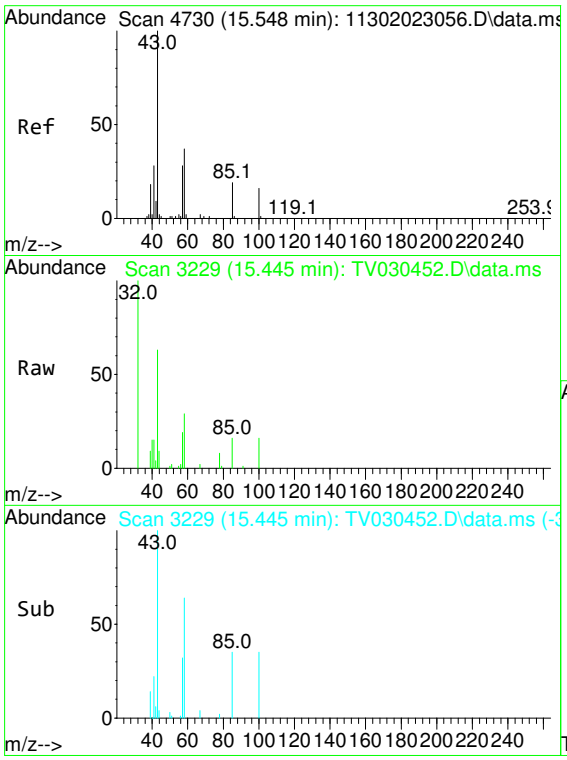


#42
Methyl Methacrylate
Concen: 0.04 ppbv
RT: 14.591 min Scan# 2968
Delta R.T. 0.026 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 69 Resp: 1772

Ion	Ratio	Lower	Upper
69	100		
41	0.0	25.3	75.9#
69	100.0	50.0	150.0
100	0.0	16.8	50.3#

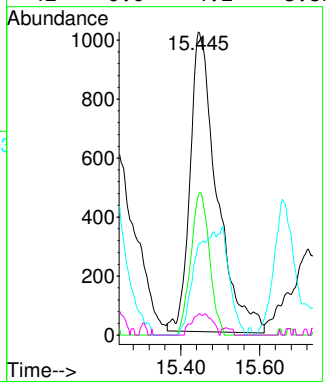


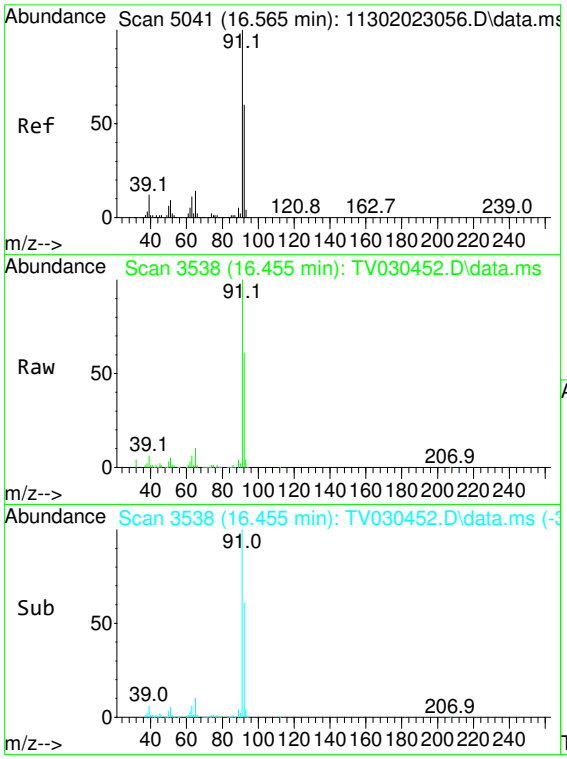


#45
Methyl Isobutyl Ketone
Concen: 0.07 ppbv
RT: 15.445 min Scan# 3229
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 4809

Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.3	52.5
57	43.9	16.1	33.5#
42	0.0	4.2	8.8#

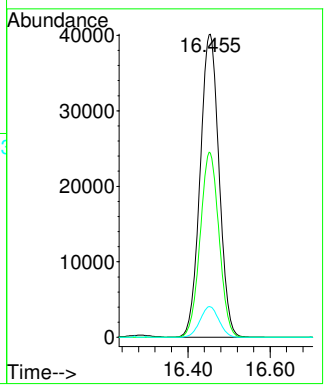


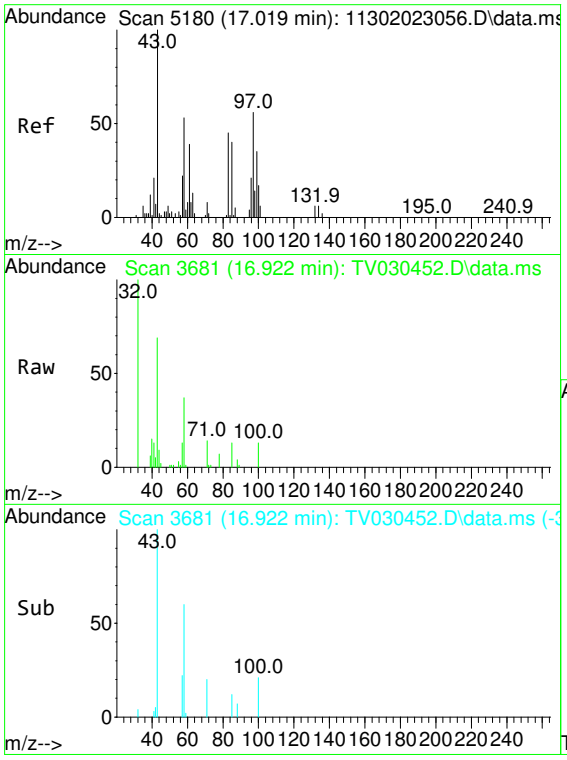


#47
Toluene
Concen: 0.94 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 91 Resp: 128019

Ion	Ratio	Lower	Upper
91	100		
92	60.9	39.0	81.0
65	10.2	7.7	16.1

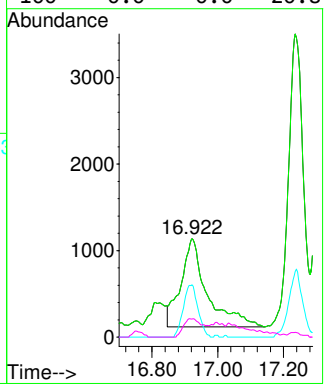


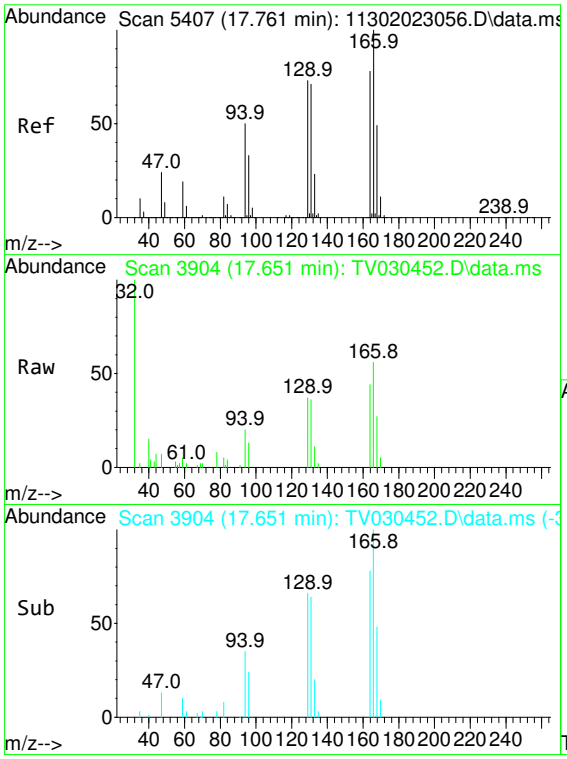


#50
2-Hexanone
Concen: 0.09 ppbv
RT: 16.922 min Scan# 3681
Delta R.T. -0.003 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 43 Resp: 5662

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	33.4	43.4	65.2#
100	0.0	0.0	20.8

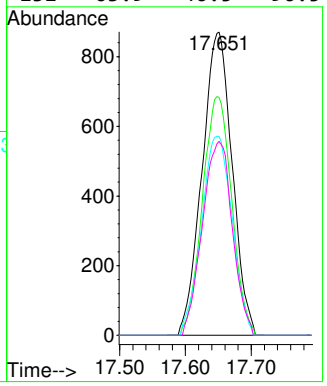


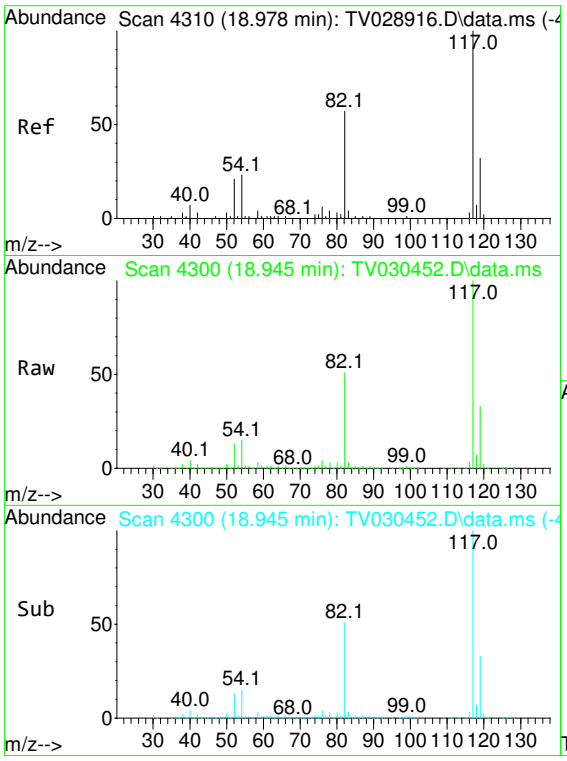


#52
Tetrachloroethylene
Concen: 0.05 ppbv
RT: 17.651 min Scan# 3904
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:166 Resp: 2760

Ion	Ratio	Lower	Upper
166	100		
164	76.9	51.4	106.8
129	66.8	47.0	97.6
131	63.9	46.5	96.5

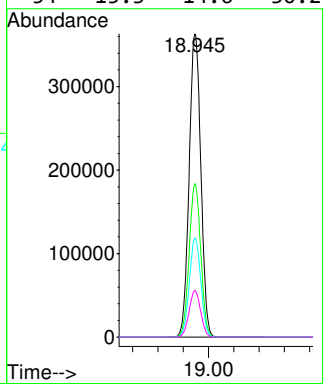


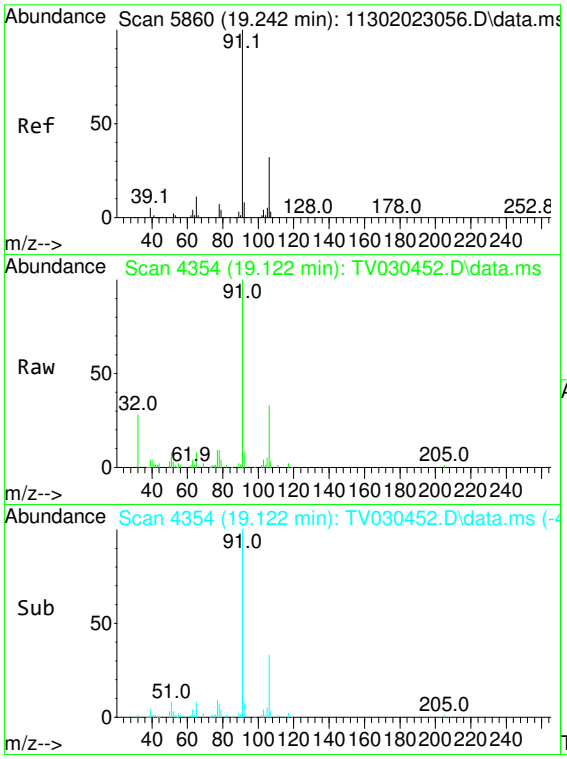


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:117 Resp: 1162585

Ion	Ratio	Lower	Upper
117	100		
82	50.2	38.7	80.5
119	32.3	20.3	42.3
54	15.3	14.6	30.2

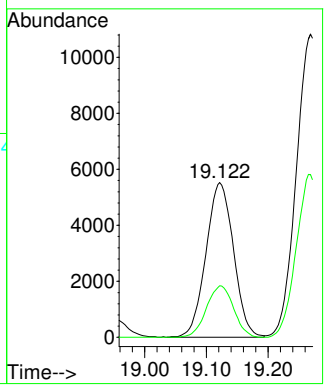


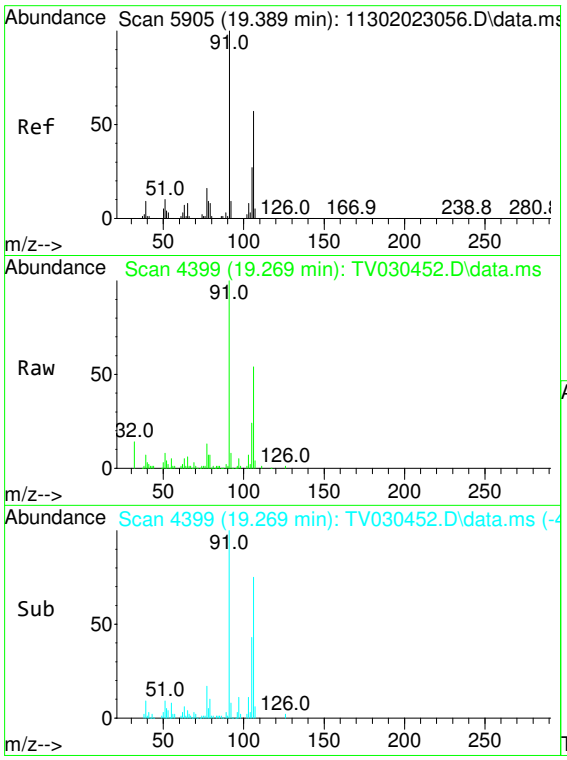


#58
Ethylbenzene
Concen: 0.10 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 91 Resp: 17199

Ion	Ratio	Lower	Upper
91	100		
106	32.7	20.3	42.3

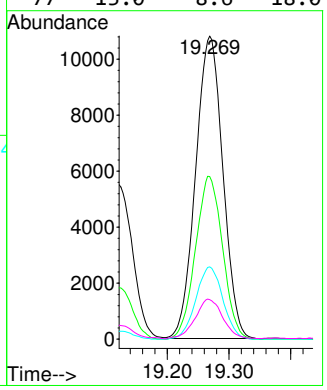


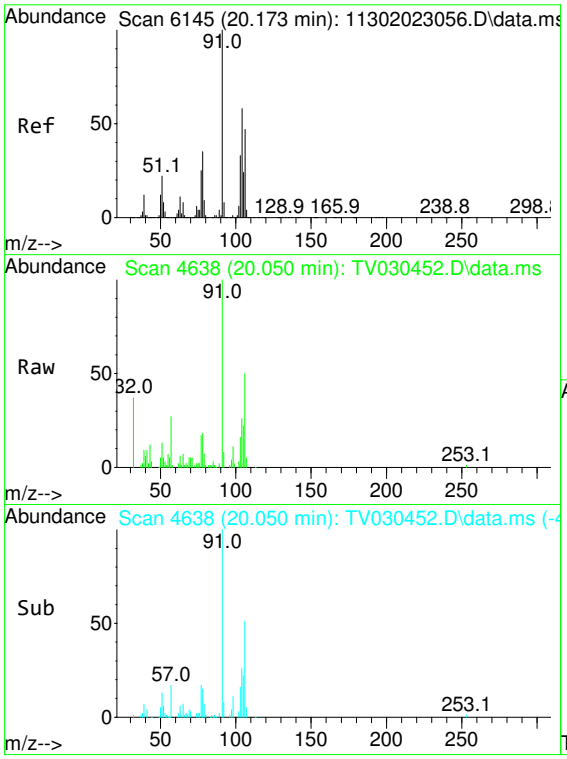


#59
p- & m-Xylenes
Concen: 0.26 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 91 Resp: 33151

Ion	Ratio	Lower	Upper
91	100		
106	53.6	31.0	64.4
105	23.7	13.4	27.8
77	13.0	8.6	18.0

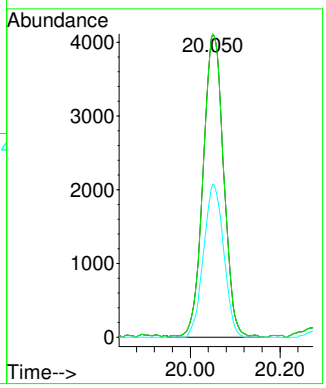


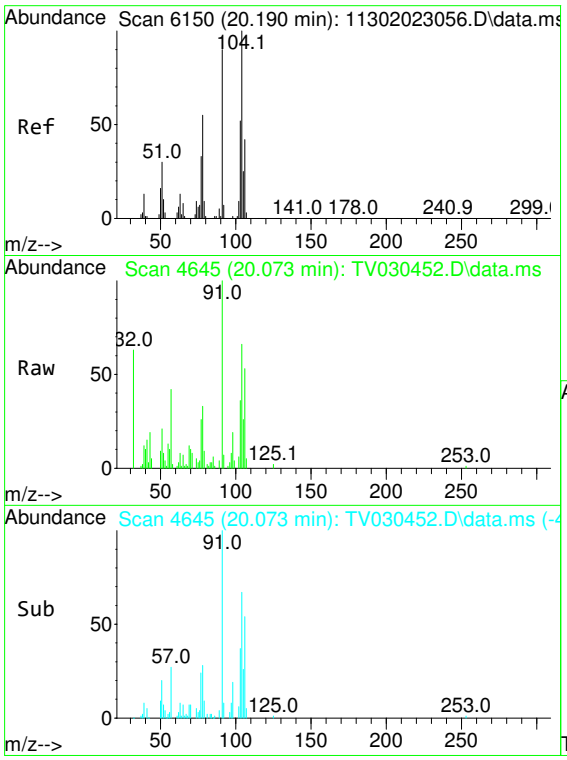


#60
o-Xylene
Concen: 0.10 ppbv
RT: 20.050 min Scan# 4638
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 91 Resp: 13097

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	49.4	36.9	55.3

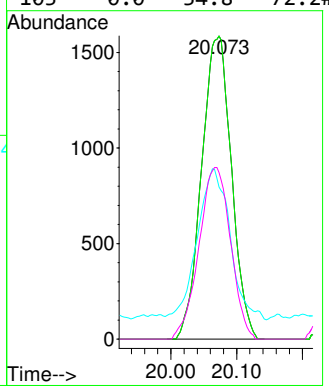


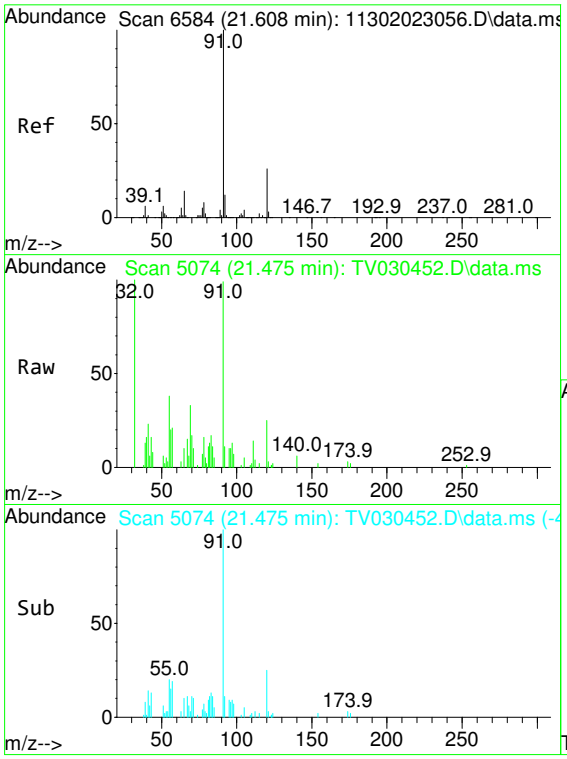


#61
Styrene
Concen: 0.05 ppbv
RT: 20.073 min Scan# 4645
Delta R.T. -0.010 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:104 Resp: 4994

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

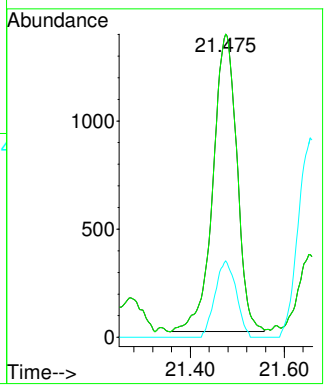


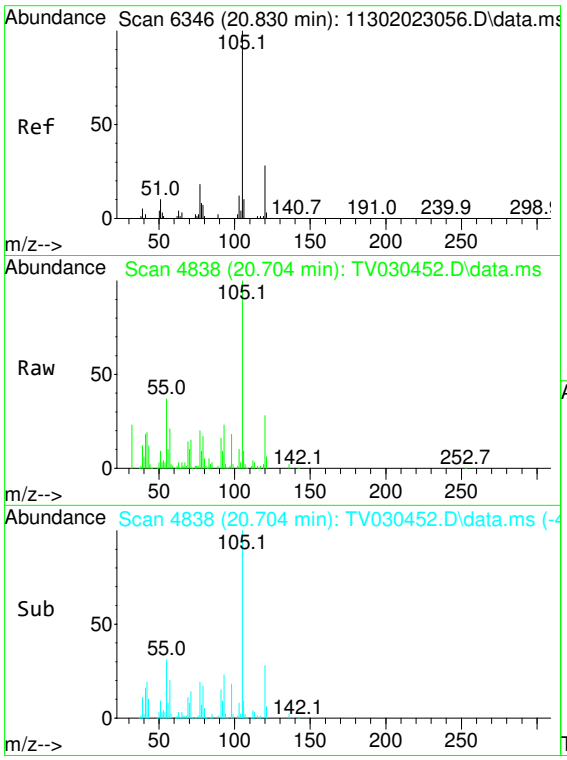


#63
n-Propylbenzene
Concen: 0.02 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 91 Resp: 4876

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	22.6	11.0	33.0

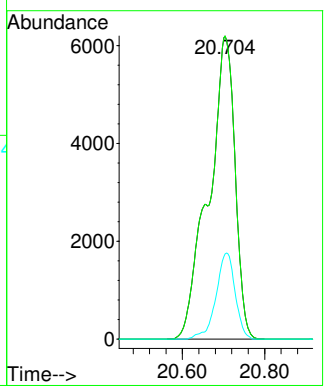


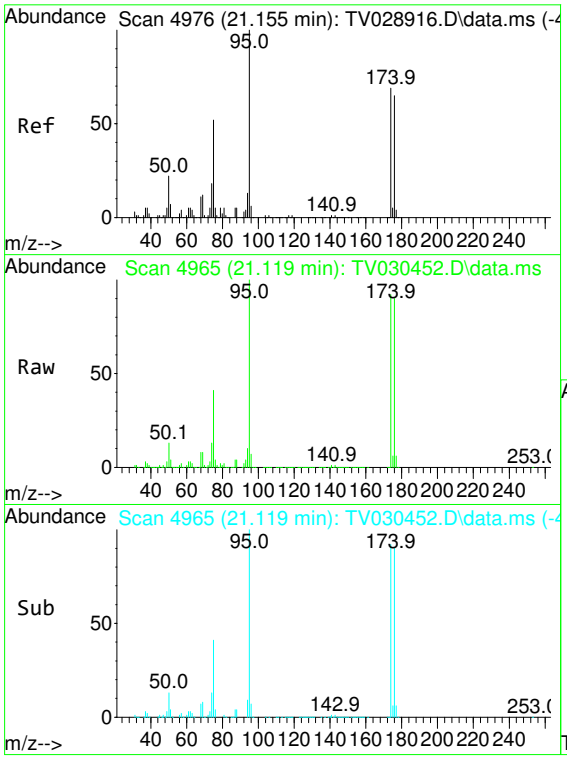


#64
Isopropylbenzene
Concen: 0.14 ppbv
RT: 20.704 min Scan# 4838
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:105 Resp: 27487

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	20.8	13.1	39.1

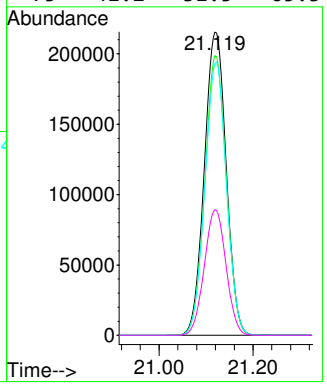


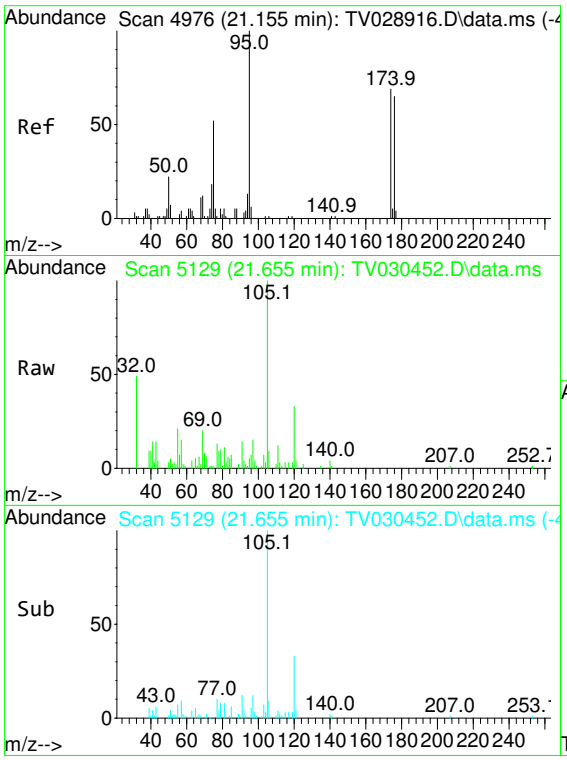


#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion: 95 Resp: 697213

Ion	Ratio	Lower	Upper
95	100		
174	90.9	50.0	103.8
176	88.7	48.2	100.2
75	41.2	31.5	65.3

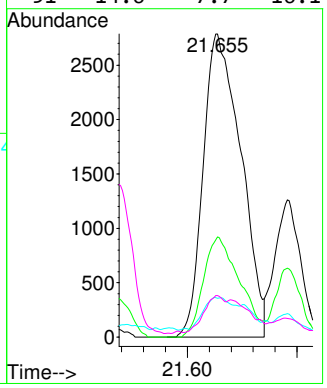


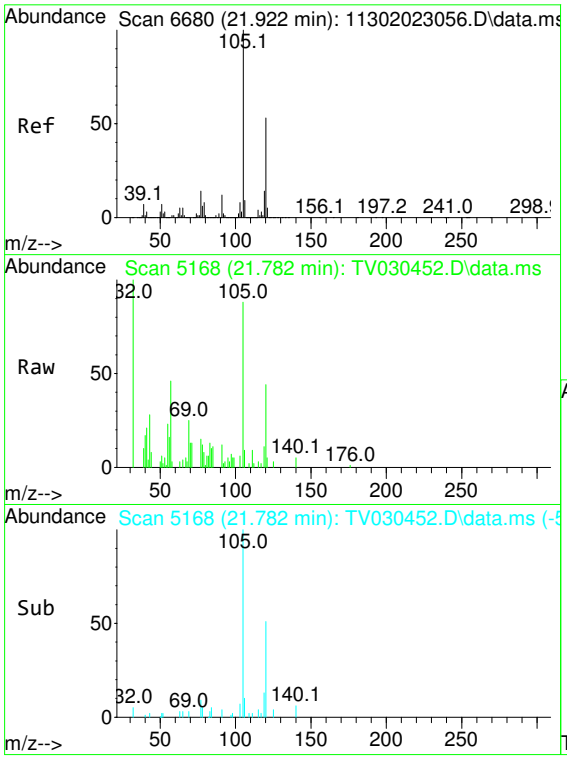


#67
4-Ethyltoluene
Concen: 0.07 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:105 Resp: 13289

Ion	Ratio	Lower	Upper
105	100		
120	31.8	17.2	35.6
77	12.9	7.6	15.8
91	14.6	7.7	16.1

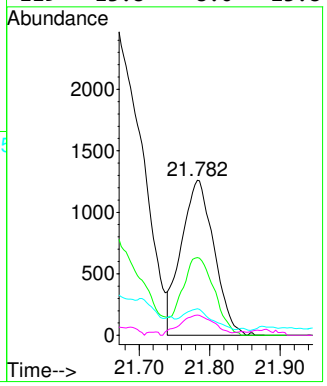


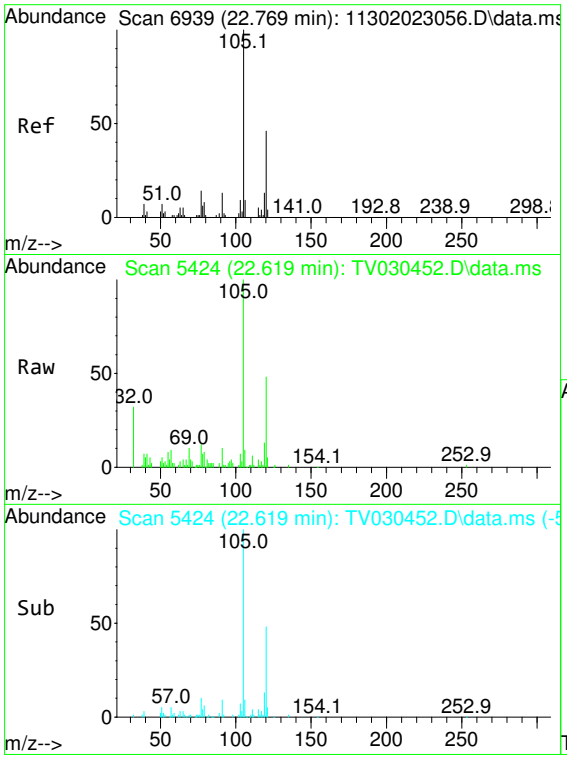


#68
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:105 Resp: 4079

Ion	Ratio	Lower	Upper
105	100		
120	49.6	43.4	65.2
77	12.6	10.8	16.2
119	13.8	8.0	23.8

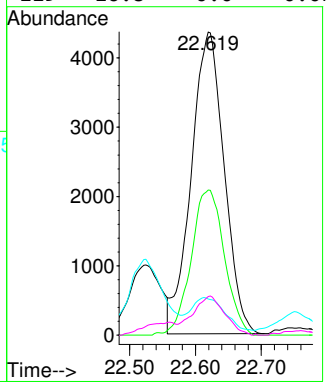


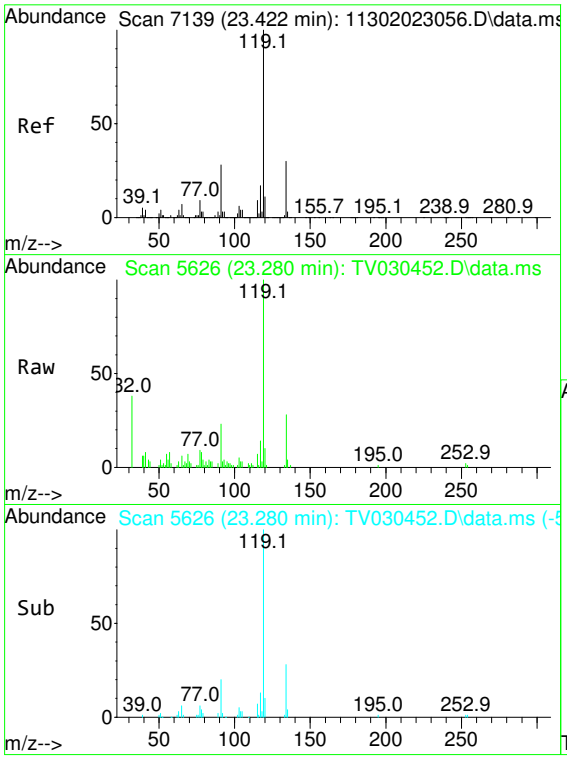


#70
1,2,4-Trimethylbenzene
Concen: 0.10 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:105 Resp: 15152

Ion	Ratio	Lower	Upper
105	100		
120	48.6	29.0	60.2
77	11.0	8.2	17.0
119	16.8	0.0	0.0#

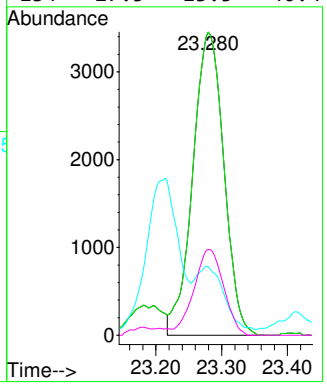


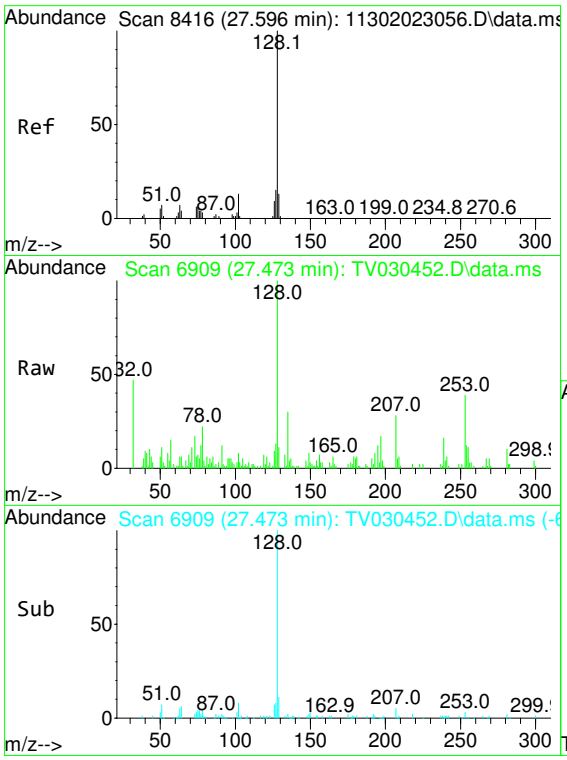


#72
p-Isopropyltoluene
Concen: 0.06 ppbv
RT: 23.280 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:119 Resp: 11333

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	27.5	13.5	40.4

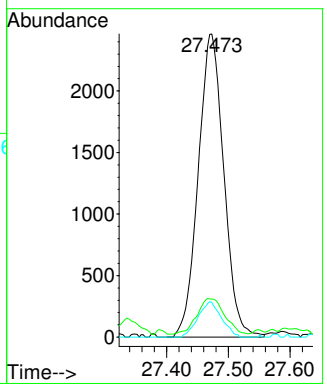




#80
Naphthalene
Concen: 0.04 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030452.D
Acq: 21 Apr 2025 11:03 pm

Tgt Ion:128 Resp: 7098

Ion	Ratio	Lower	Upper
128	100		
127	12.4	8.1	16.9
129	10.7	7.3	15.1



Sample Information

Client Sample ID: AI-7 20250326 **York Sample ID: 25C1721-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.69	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.55		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.52		ug/m³	0.22	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
78-93-3	**2-Butanone**	2.3		ug/m³	0.28	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
67-64-1	**Acetone**	68		ug/m³	1.8	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
71-43-2	**Benzene**	1.2		ug/m³	0.30	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.48	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-25-2	Bromoform	ND		ug/m³	0.97	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
74-83-9	Bromomethane	ND		ug/m³	0.36	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
56-23-5	**Carbon tetrachloride**	0.53		ug/m³	0.15	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR

Sample Information

Client Sample ID: **AI-7 20250326** **York Sample ID:** **25C1721-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
67-66-3	Chloroform	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
74-87-3	**Chloromethane**	1.6		ug/m³	0.19	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
110-82-7	Cyclohexane	ND		ug/m³	0.32	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
141-78-6	*** Ethyl acetate**	4.8		ug/m³	0.67	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
100-41-4	**Ethyl Benzene**	0.69		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
67-63-0	**Isopropanol**	8.4	CAL-E	ug/m³	1.4	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.98	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
142-82-5	**n-Heptane**	1.2		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
110-54-3	**n-Hexane**	1.0		ug/m³	0.33	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
95-47-6	**o-Xylene**	0.89		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
179601-23-1	**p- & m- Xylenes**	1.8		ug/m³	0.81	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
115-07-1	*** Propylene**	2.2		ug/m³	0.16	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
100-42-5	**Styrene**	0.88		ug/m³	0.40	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.63	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
108-88-3	**Toluene**	6.1		ug/m³	0.35	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.53	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.33	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR
74-97-5	*Internal Standard: Bromochloromethan*	*111 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030453.D
Acq On : 21 Apr 2025 11:49 pm
Operator : YR
Sample : 25C1721-12
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.936
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

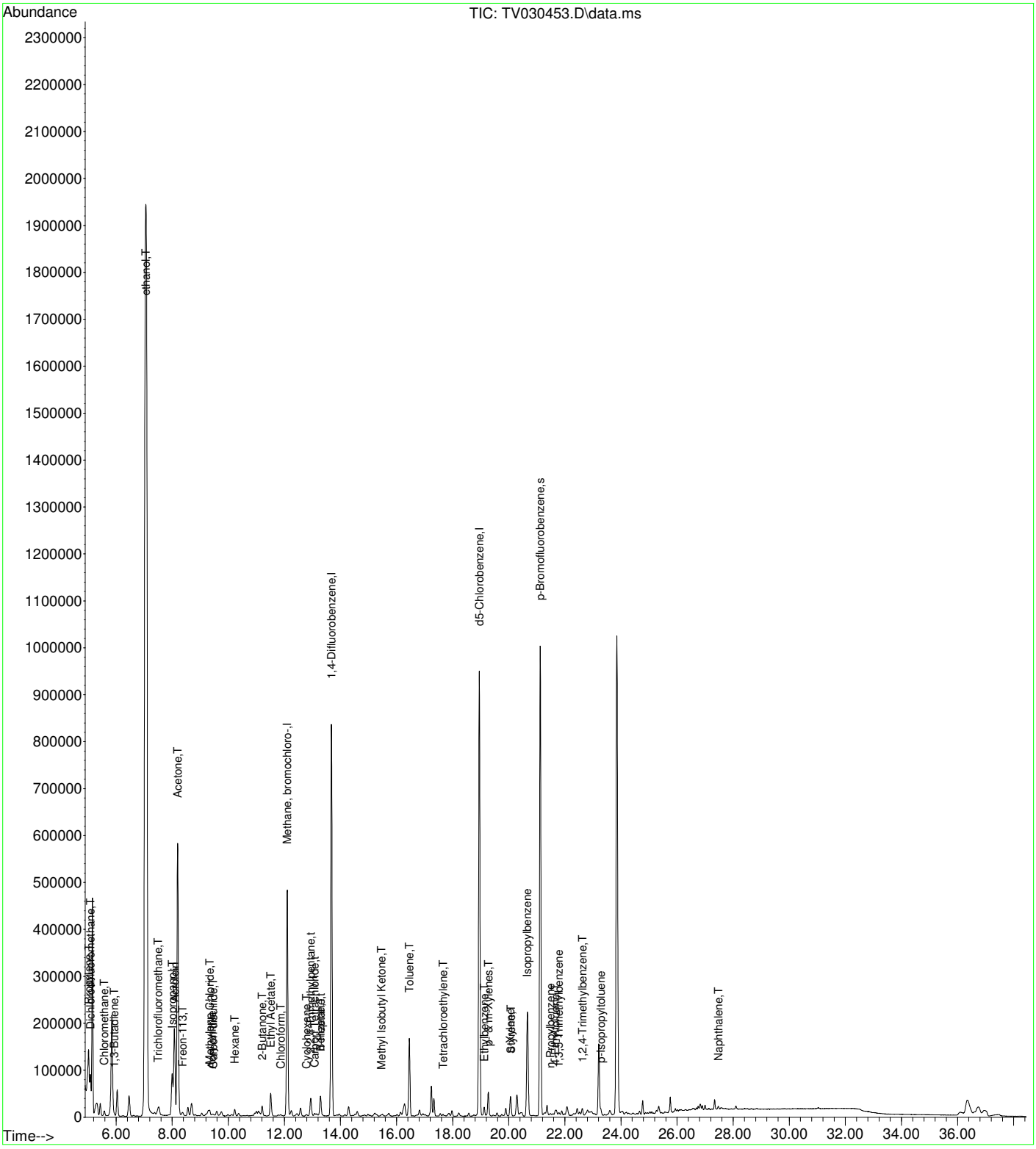
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	326848	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1306453	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.949	117	1130303	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.119	95	698571	0.34	ppbv		-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.018	42	18158	1.34	ppbv	#	18
3) Dichlorodifluoromethane	5.086	85	39403	0.53	ppbv		99
5) Chloromethane	5.580	50	17940	0.82	ppbv		100
7) 1,3-Butadiene	5.933	54	2264	0.11	ppbv		97
10) ethanol	7.057	45	3697991	268.88	ppbv		87
12) Trichlorofluoromethane	7.492	101	17935	0.25	ppbv		99
13) Isopropanol	7.995	45	211987	3.64	ppbv		100
14) Acrolein	8.093	56	5571	0.45	ppbv	#	100
15) Acetone	8.191	43	1197440	30.63	ppbv		82
16) Freon-113	8.365	101	5208	0.08	ppbv		92
19) Methylene Chloride	9.335	49	9661	0.33	ppbv	#	75
20) Acrylonitrile	9.414	53	3819	0.16	ppbv	#	100
21) Carbon disulfide	9.460	76	6690	0.08	ppbv		93
24) Hexane	10.228	57	13533	0.31	ppbv		90
27) 2-Butanone	11.208	43	42730	0.83	ppbv		87
28) Ethyl Acetate	11.509	43	83898	1.42	ppbv	#	92
30) Chloroform	11.869	83	3258	0.05	ppbv	#	93
33) Cyclohexane	12.781	56	2886	0.06	ppbv		91
34) 2,2,4-Trimethylpentane	12.931	57	16666	0.12	ppbv	#	1
35) Carbon Tetrachloride	13.075	117	5766	0.09	ppbv		100
37) Benzene	13.281	78	37750	0.39	ppbv	#	100
38) n-Heptane	13.294	43	13751	0.32	ppbv	#	75
45) Methyl Isobutyl Ketone	15.458	43	5121	0.08	ppbv	#	61
47) Toluene	16.455	91	230931	1.73	ppbv		99
52) Tetrachloroethylene	17.651	166	1755	0.03	ppbv		95
58) Ethylbenzene	19.122	91	27155	0.17	ppbv		98
59) p- & m-Xylenes	19.269	91	55074	0.44	ppbv		93
60) o-Xylene	20.050	91	28717	0.22	ppbv		98
61) Styrene	20.073	104	21935	0.22	ppbv	#	74
63) n-Propylbenzene	21.475	91	5190	0.02	ppbv		99
64) Isopropylbenzene	20.652	105	13920	0.07	ppbv	#	93
67) 4-Ethyltoluene	21.652	105	16150	0.09	ppbv		91
68) 1,3,5-Trimethylbenzene	21.782	105	5813	0.04	ppbv		95
70) 1,2,4-Trimethylbenzene	22.619	105	19117	0.12	ppbv	#	94
72) p-Isopropyltoluene	23.280	119	17587	0.09	ppbv	#	100
80) Naphthalene	27.470	128	8065	0.05	ppbv		97

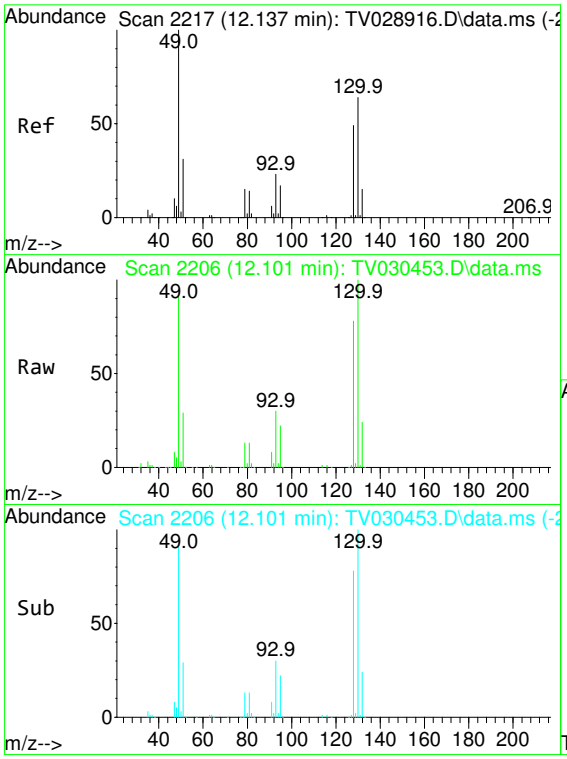
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030453.D
Acq On : 21 Apr 2025 11:49 pm
Operator : YR
Sample : 25C1721-12
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.936
InstName : TO15_AIR3

Quant Time: Apr 22 07:18:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

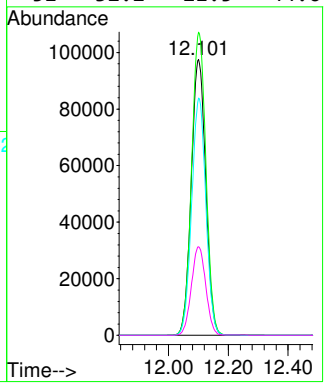


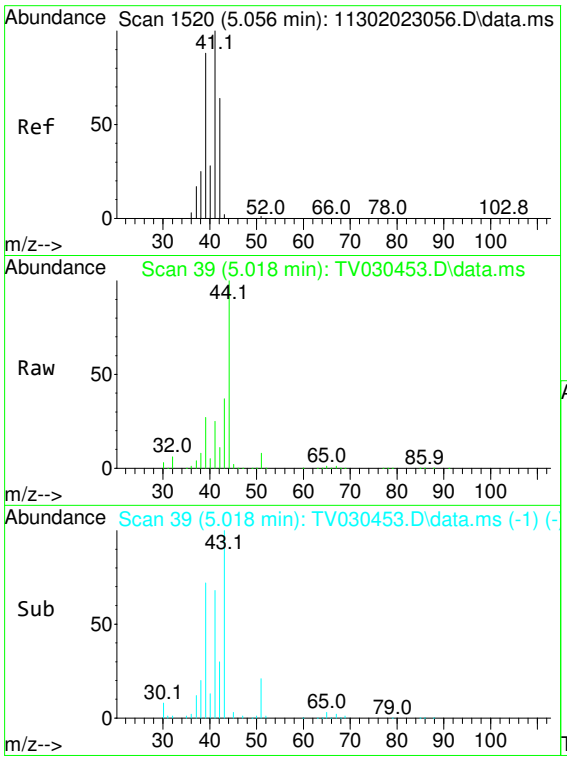


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 49 Resp: 326848

Ion	Ratio	Lower	Upper
49	100		
130	109.1	44.5	92.3#
128	84.7	34.7	72.1#
51	32.2	21.5	44.6

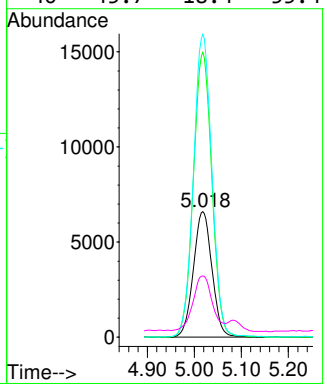


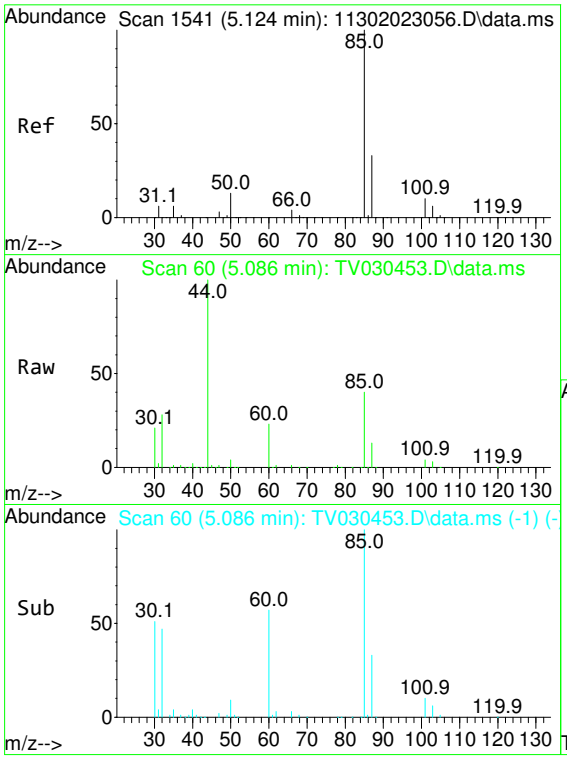


#2
Propylene
Concen: 1.34 ppbv
RT: 5.018 min Scan# 39
Delta R.T. -0.023 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 42 Resp: 18158

Ion	Ratio	Lower	Upper
42	100		
41	226.3	88.9	207.5#
39	240.5	52.2	156.6#
40	45.7	18.4	55.4

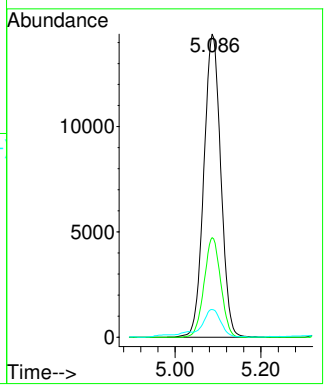


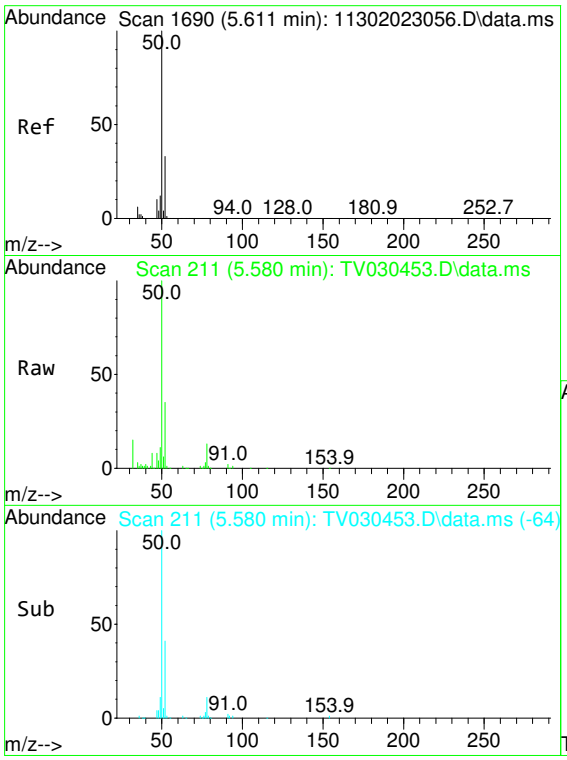


#3
Dichlorodifluoromethane
Concen: 0.53 ppbv
RT: 5.086 min Scan# 60
Delta R.T. -0.026 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 85 Resp: 39403

Ion	Ratio	Lower	Upper
85	100		
87	32.4	21.0	43.6
50	12.1	6.8	14.2

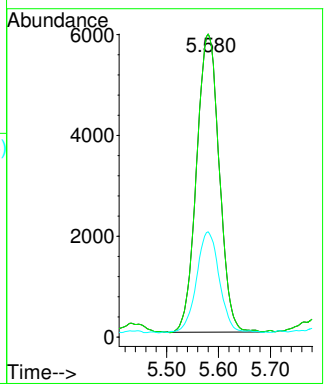


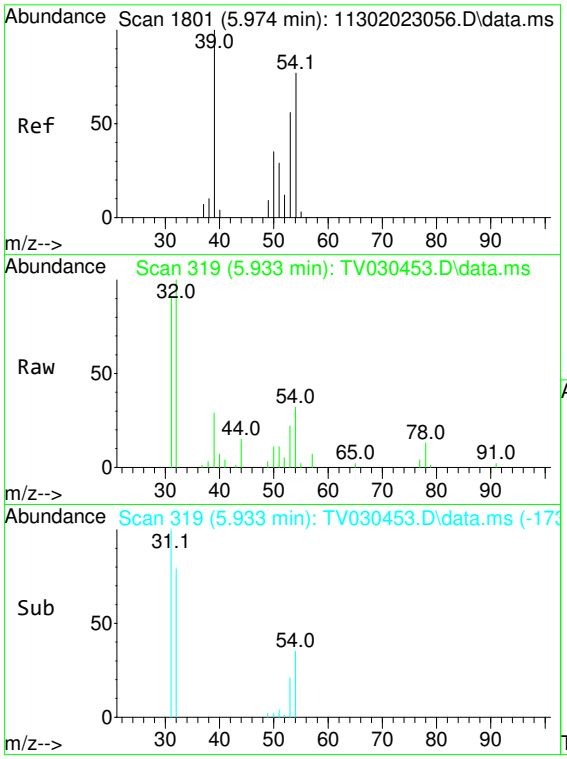


#5
Chloromethane
Concen: 0.82 ppbv
RT: 5.580 min Scan# 211
Delta R.T. -0.020 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 50 Resp: 17940

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	34.0	16.5	49.5

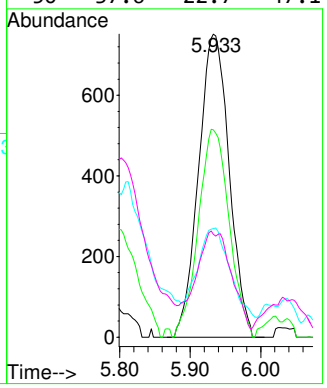


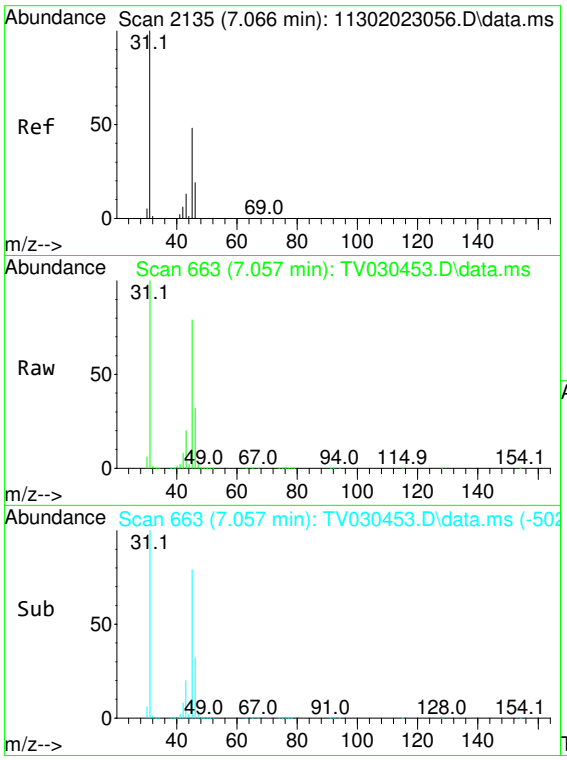


#7
1,3-Butadiene
Concen: 0.11 ppbv
RT: 5.933 min Scan# 319
Delta R.T. -0.023 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 54 Resp: 2264

Ion	Ratio	Lower	Upper
54	100		
53	69.6	43.4	90.2
51	30.9	19.9	41.3
50	37.6	22.7	47.1

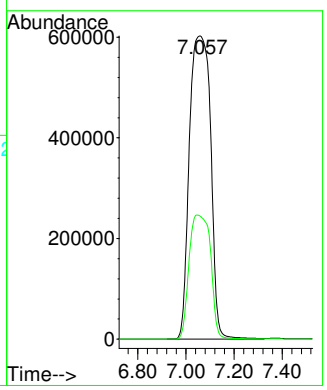


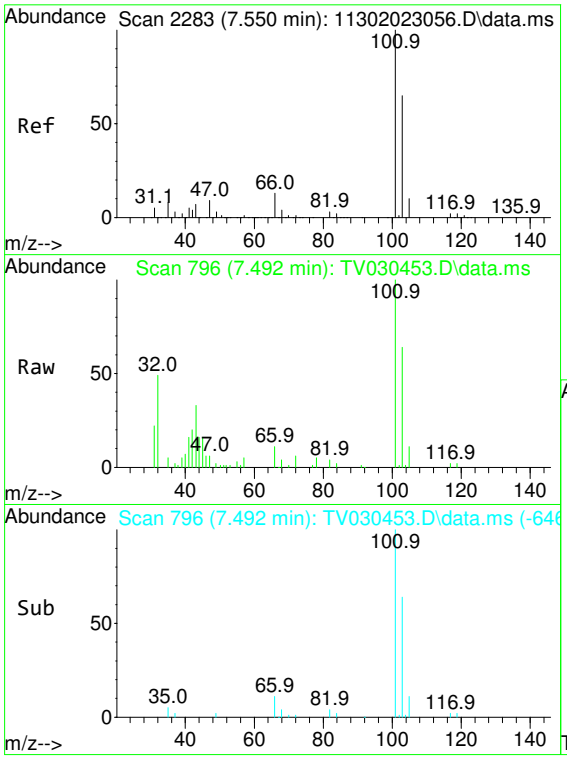


#10
ethanol
Concen: 268.88 ppbv
RT: 7.057 min Scan# 663
Delta R.T. 0.026 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 45 Resp: 3697991

Ion	Ratio	Lower	Upper
45	100		
46	41.3	40.0	60.0

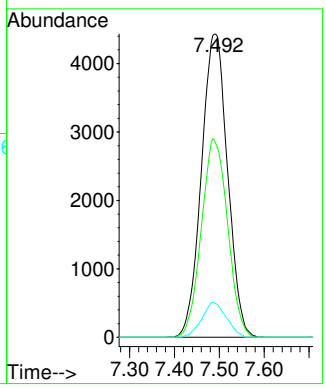


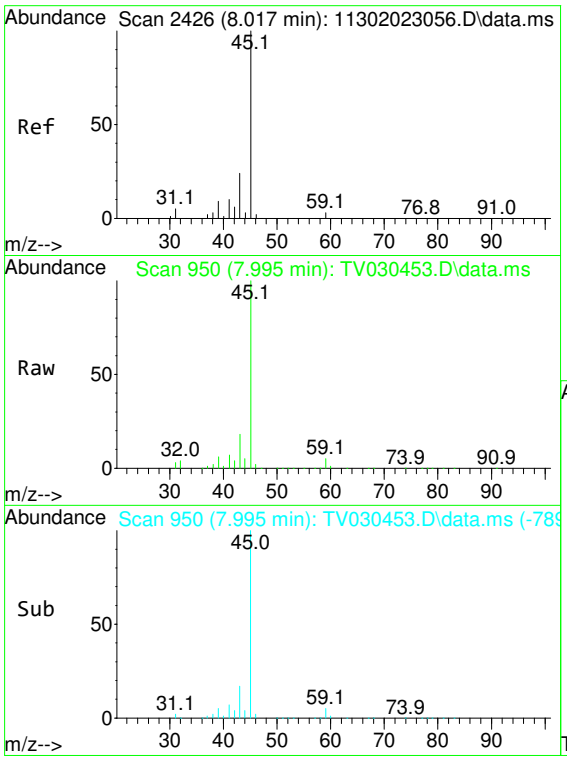


#12
Trichlorofluoromethane
Concen: 0.25 ppbv
RT: 7.492 min Scan# 796
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:101 Resp: 17935

Ion	Ratio	Lower	Upper
101	100		
103	65.6	42.4	88.0
66	10.8	7.9	16.5

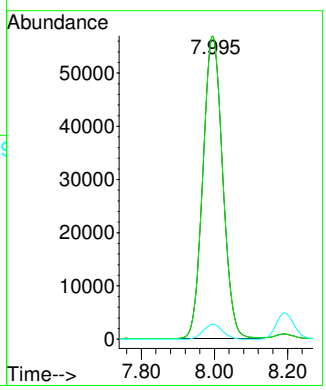


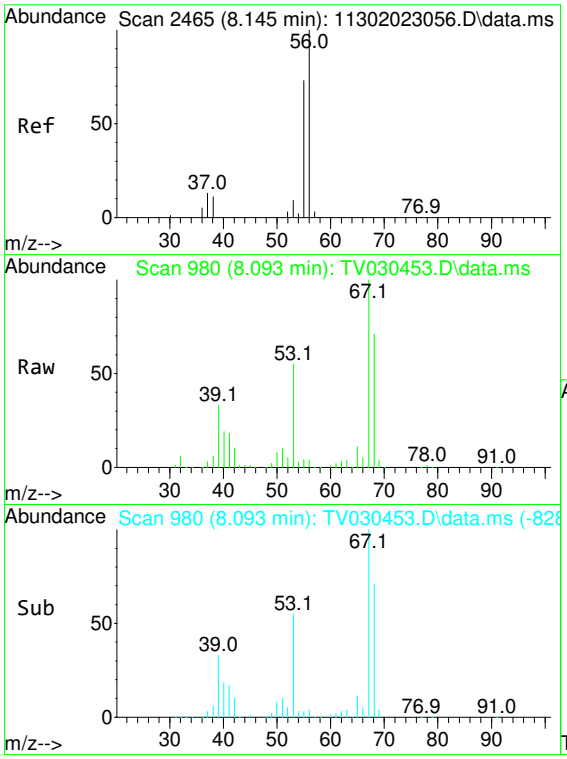


#13
Isopropanol
Concen: 3.64 ppbv
RT: 7.995 min Scan# 950
Delta R.T. 0.026 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 45 Resp: 211987

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.8	0.0	8.4

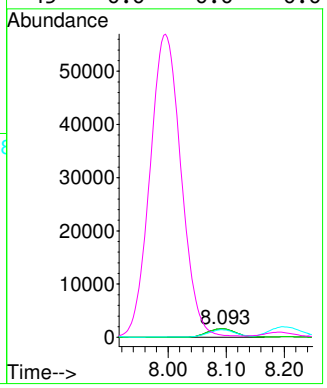


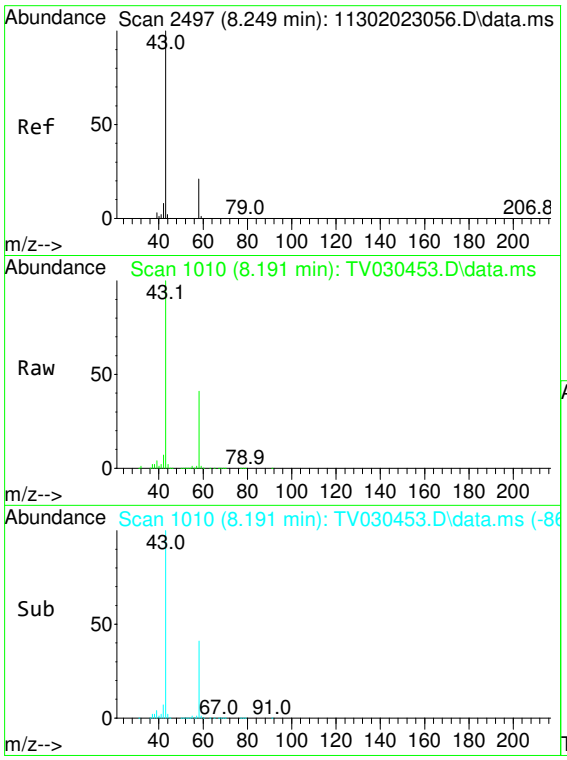


#14
Acrolein
Concen: 0.45 ppbv
RT: 8.093 min Scan# 980
Delta R.T. -0.003 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 56 Resp: 5571

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

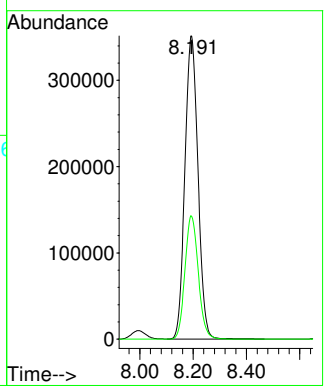


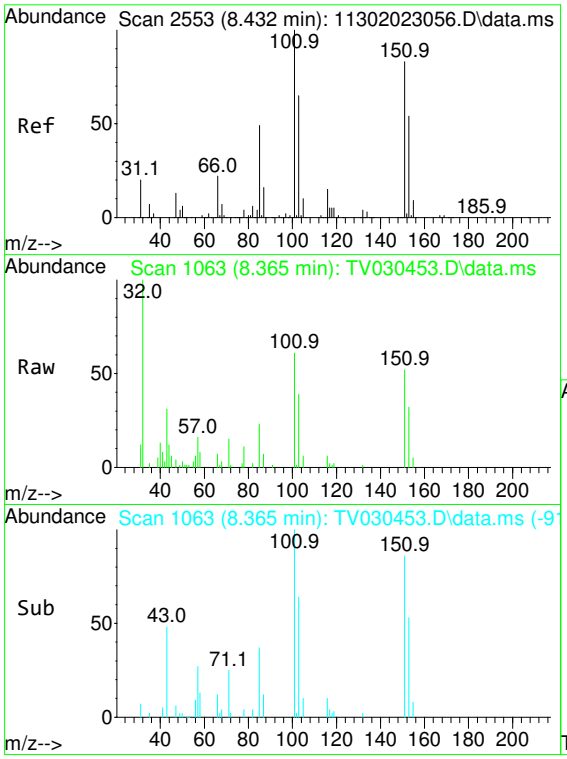


#15
Acetone
Concen: 30.63 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 43 Resp: 1197440

Ion	Ratio	Lower	Upper
43	100		
58	41.7	20.7	42.9

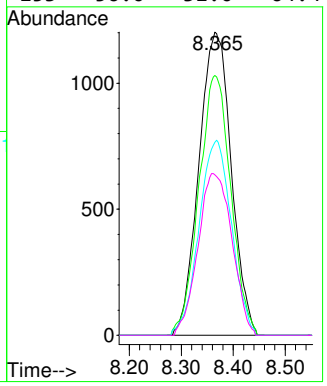


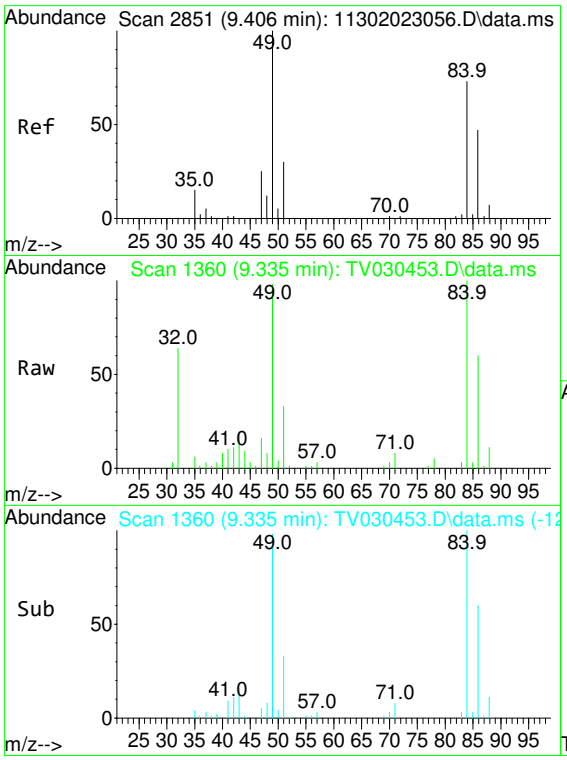


#16
Freon-113
Concen: 0.08 ppbv
RT: 8.365 min Scan# 1063
Delta R.T. -0.007 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:101 Resp: 5208

Ion	Ratio	Lower	Upper
101	100		
151	84.9	48.6	100.8
103	64.4	42.0	87.2
153	56.0	31.0	64.4

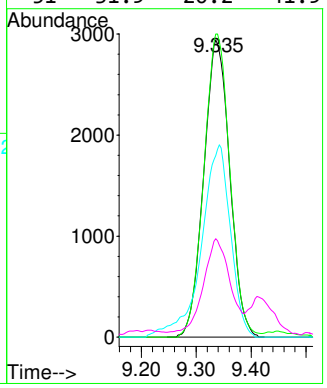


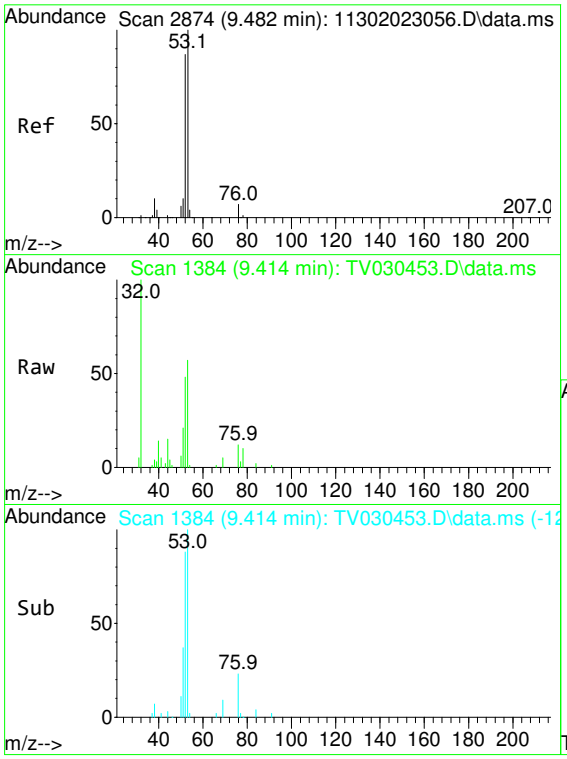


#19
Methylene Chloride
Concen: 0.33 ppbv
RT: 9.335 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 49 Resp: 9661

Ion	Ratio	Lower	Upper
49	100		
84	102.3	50.1	104.0
86	72.5	32.2	66.8#
51	31.9	20.2	41.9

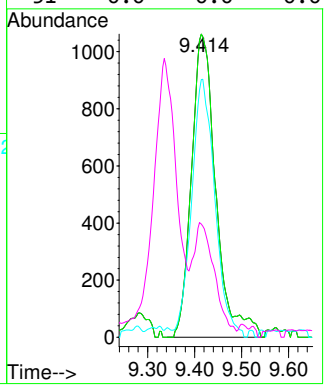


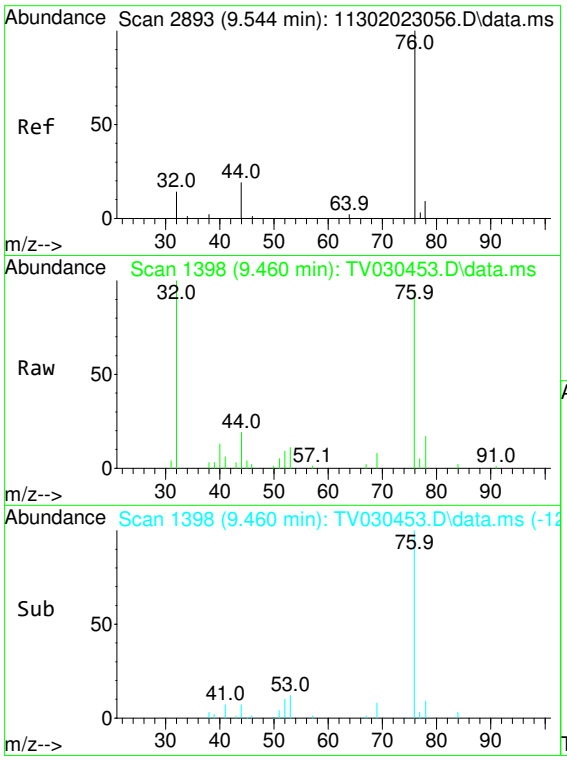


#20
Acrylonitrile
Concen: 0.16 ppbv
RT: 9.414 min Scan# 1384
Delta R.T. -0.007 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 53 Resp: 3819

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	81.6	0.0	0.0#
51	0.0	0.0	0.0

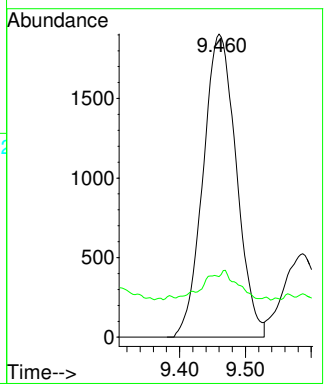


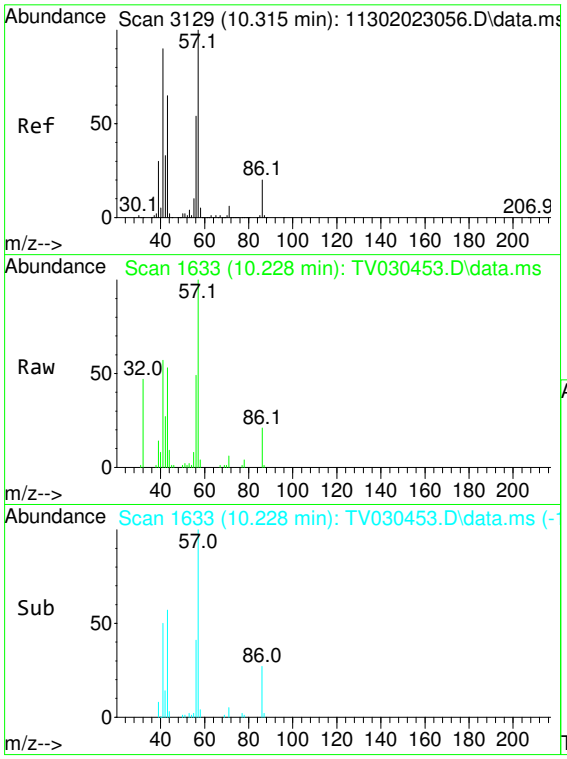


#21
Carbon disulfide
Concen: 0.08 ppbv
RT: 9.460 min Scan# 1398
Delta R.T. -0.020 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 76 Resp: 6690

Ion	Ratio	Lower	Upper
76	100		
44	10.2	8.4	17.4

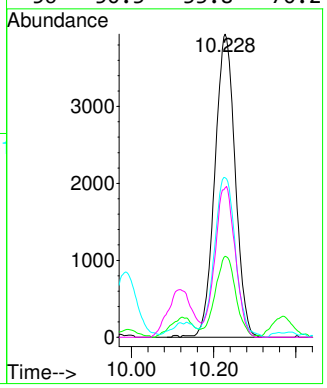


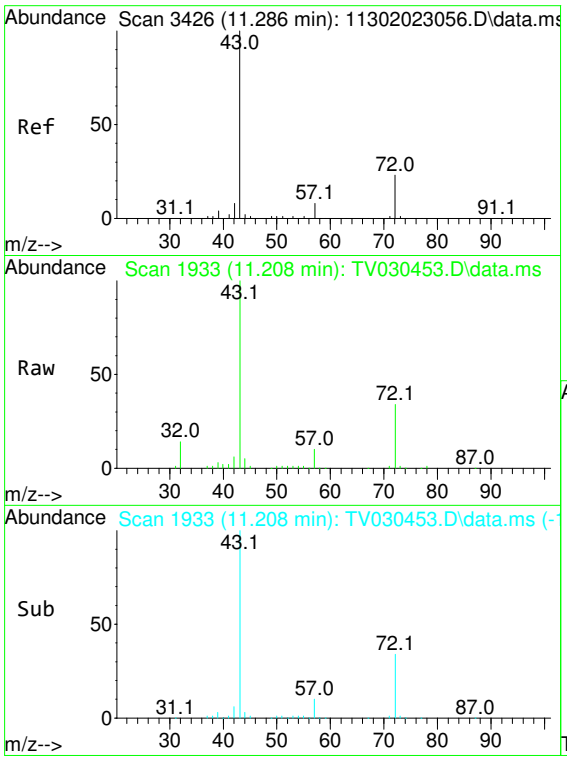


#24
Hexane
Concen: 0.31 ppbv
RT: 10.228 min Scan# 1633
Delta R.T. -0.007 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 57 Resp: 13533

Ion	Ratio	Lower	Upper
57	100		
42	27.5	22.2	46.0
43	54.9	42.9	89.1
56	50.3	33.8	70.2

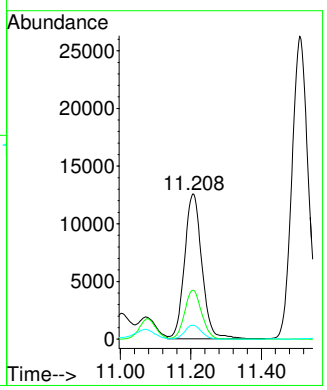


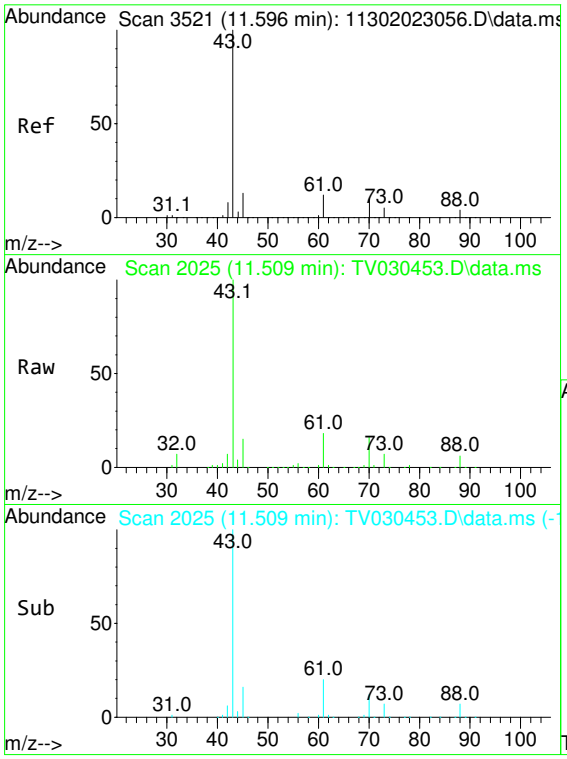


#27
2-Butanone
Concen: 0.83 ppbv
RT: 11.208 min Scan# 1933
Delta R.T. -0.003 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 43 Resp: 42730

Ion	Ratio	Lower	Upper
43	100		
72	33.3	16.4	34.2
57	9.4	5.0	10.4

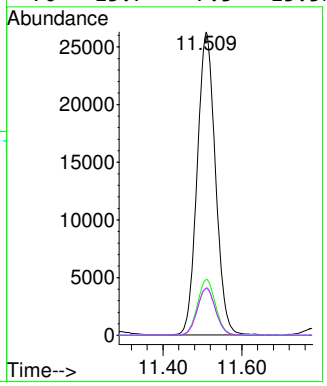


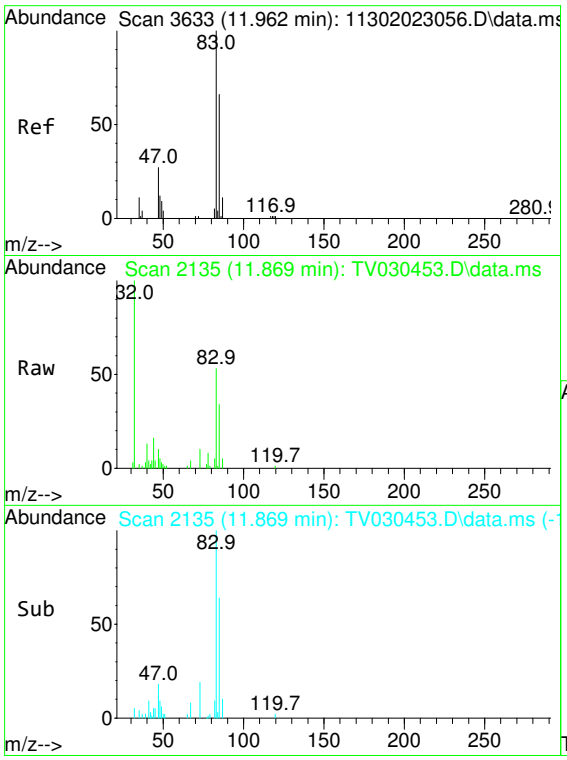


#28
Ethyl Acetate
Concen: 1.42 ppbv
RT: 11.509 min Scan# 2025
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 43 Resp: 83898

Ion	Ratio	Lower	Upper
43	100		
61	18.5	9.2	19.2
45	15.6	9.4	19.6
70	15.7	7.5	15.5#

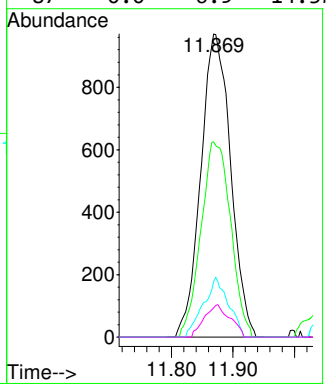


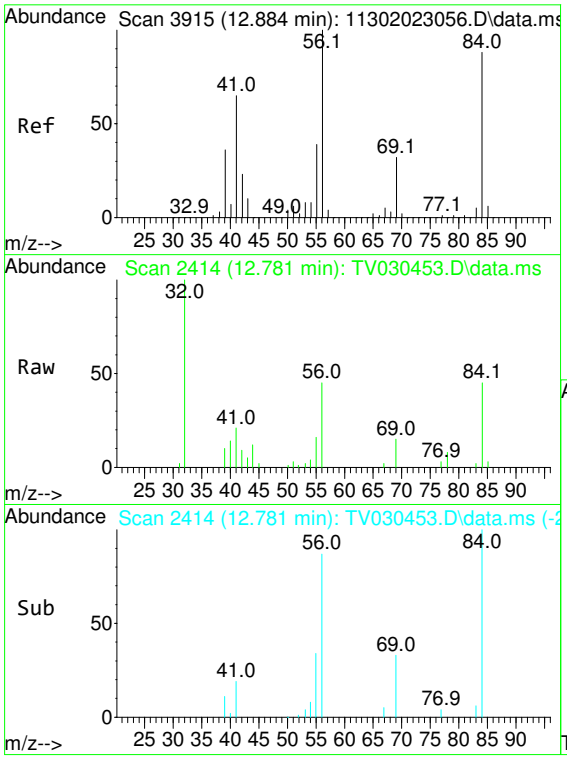


#30
Chloroform
Concen: 0.05 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 83 Resp: 3258

Ion	Ratio	Lower	Upper
83	100		
85	64.1	42.2	87.6
47	16.6	14.8	30.8
87	0.0	6.9	14.3#

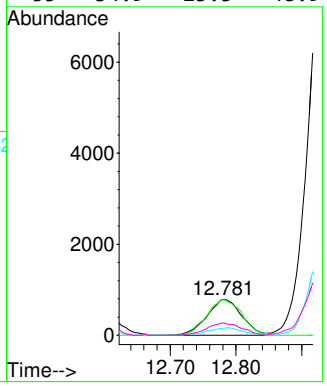


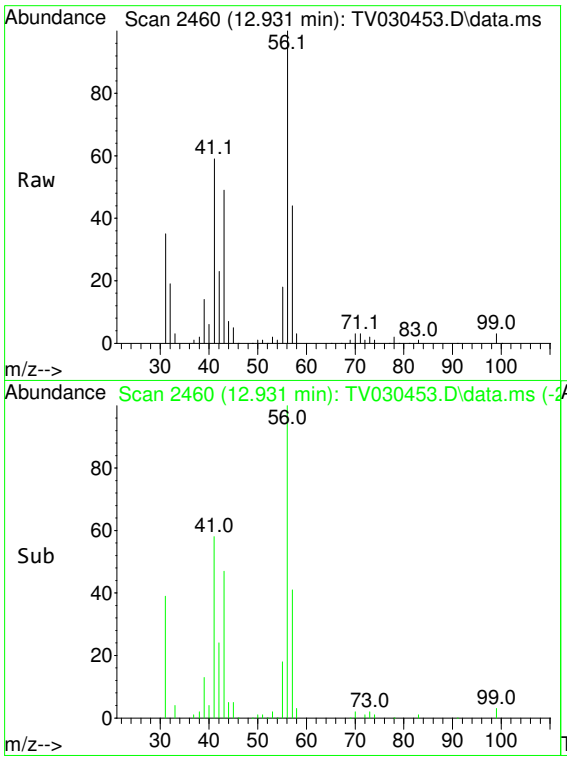


#33
Cyclohexane
Concen: 0.06 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 56 Resp: 2886

Ion	Ratio	Lower	Upper
56	100		
84	99.1	56.4	117.0
42	22.5	15.3	31.7
55	34.9	23.5	48.9

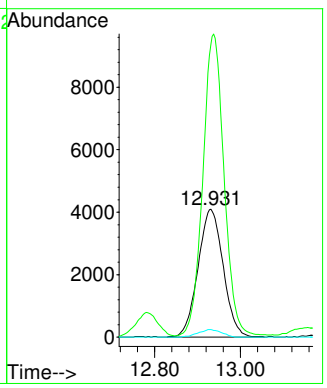


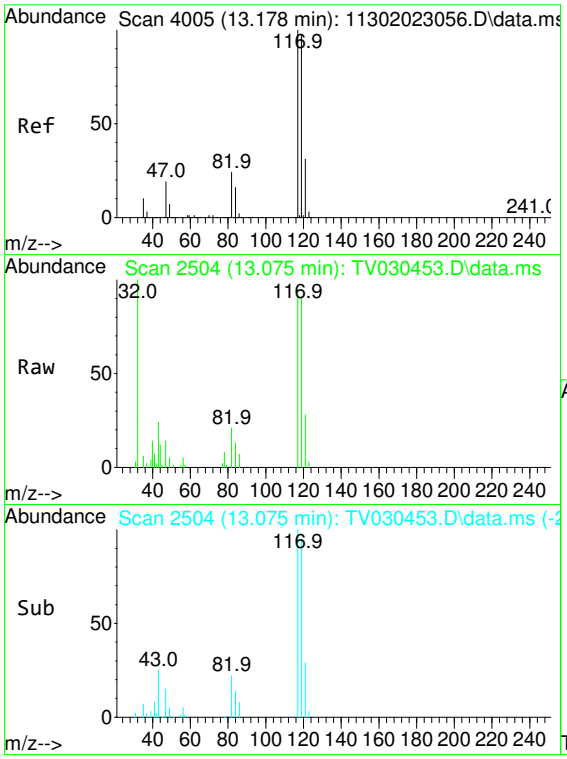


#34
2,2,4-Trimethylpentane
Concen: 0.12 ppbv
RT: 12.931 min Scan# 2460
Delta R.T. -0.007 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 57 Resp: 16666

Ion	Ratio	Lower	Upper
57	100		
56	198.5	24.5	45.5#
99	5.5	3.5	6.5

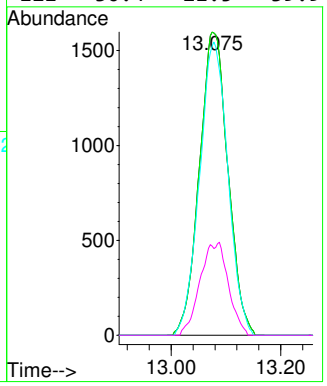


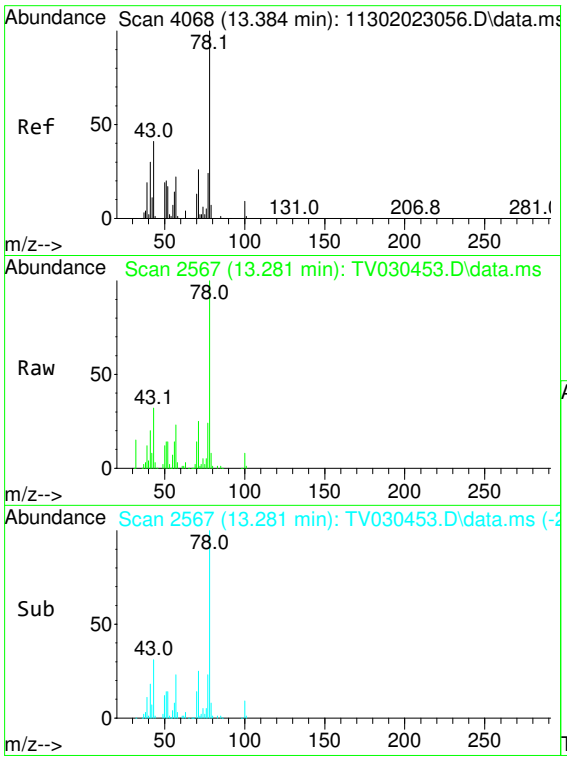


#35
Carbon Tetrachloride
Concen: 0.09 ppbv
RT: 13.075 min Scan# 2504
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:117 Resp: 5766

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	95.8	76.5	114.7
121	30.4	21.5	39.9

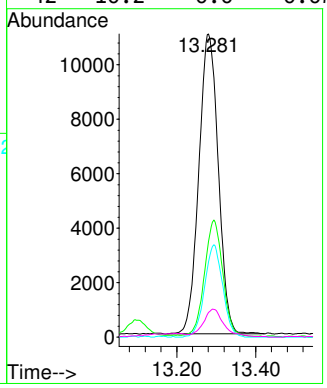


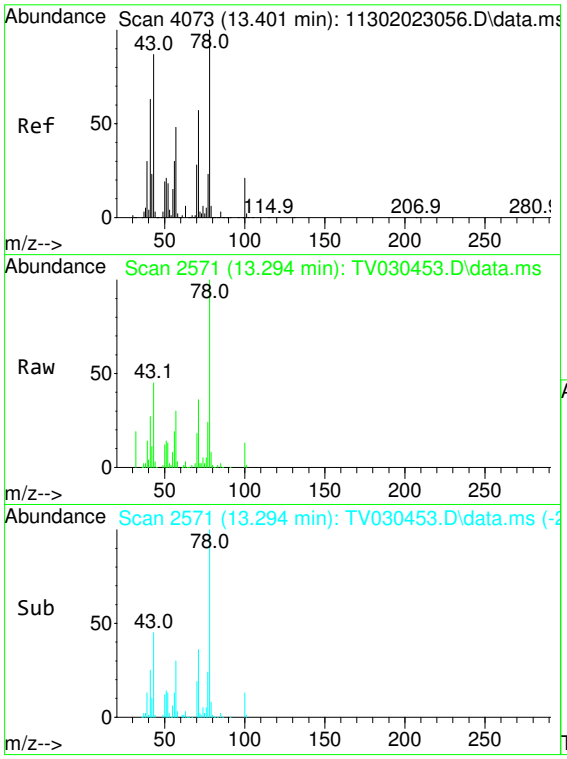


#37
Benzene
Concen: 0.39 ppbv
RT: 13.281 min Scan# 2567
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 78 Resp: 37750

Ion	Ratio	Lower	Upper
78	100		
43	36.4	0.0	0.0#
71	28.7	0.0	0.0#
42	10.2	0.0	0.0#

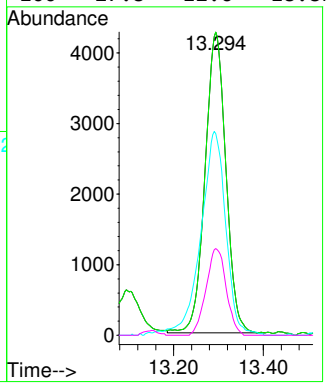


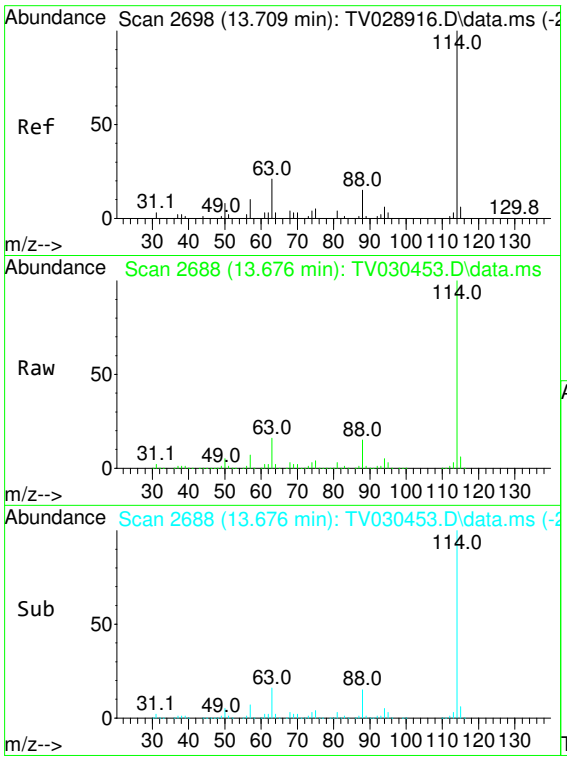


#38
n-Heptane
Concen: 0.32 ppbv
RT: 13.294 min Scan# 2571
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 43 Resp: 13751

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	27.8	12.6	18.8#

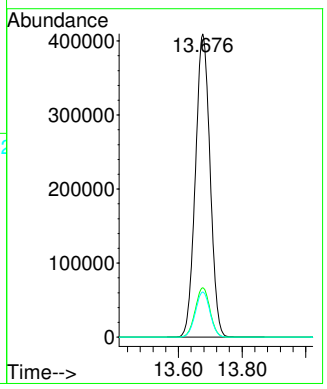


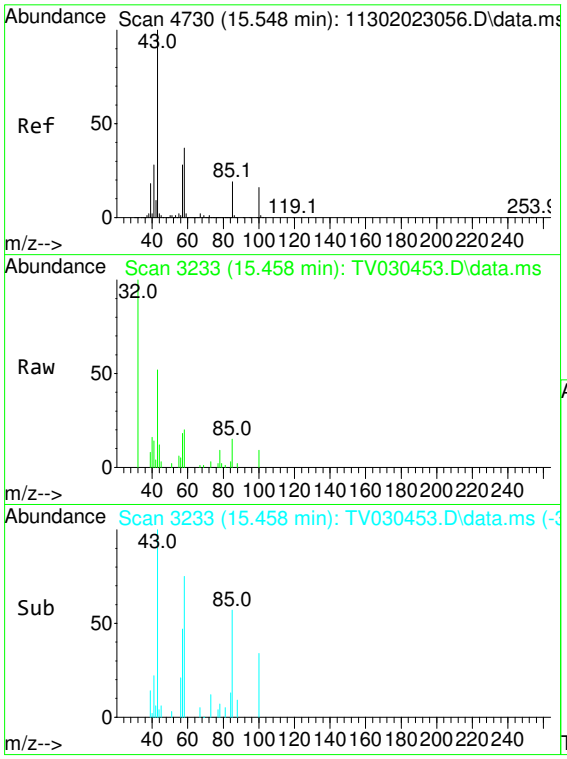


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:114 Resp: 1306453

Ion	Ratio	Lower	Upper
114	100		
63	16.4	14.0	29.2
88	14.9	11.2	23.2

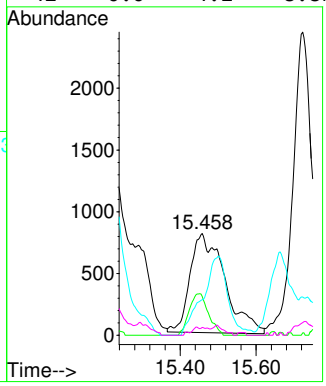


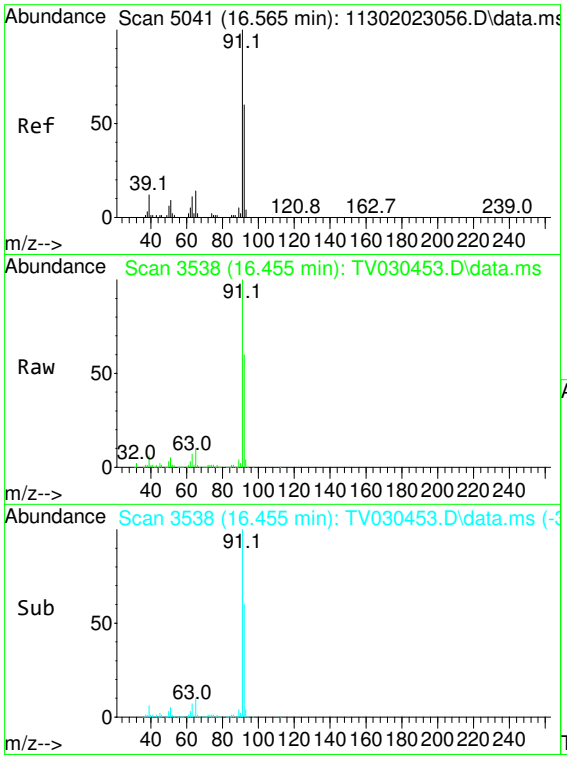


#45
Methyl Isobutyl Ketone
Concen: 0.08 ppbv
RT: 15.458 min Scan# 3233
Delta R.T. 0.003 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 43 Resp: 5121

Ion	Ratio	Lower	Upper
43	100		
58	23.1	25.3	52.5#
57	57.5	16.1	33.5#
42	0.0	4.2	8.8#

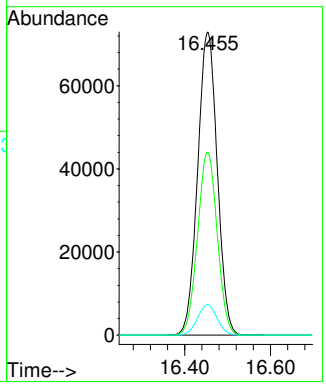


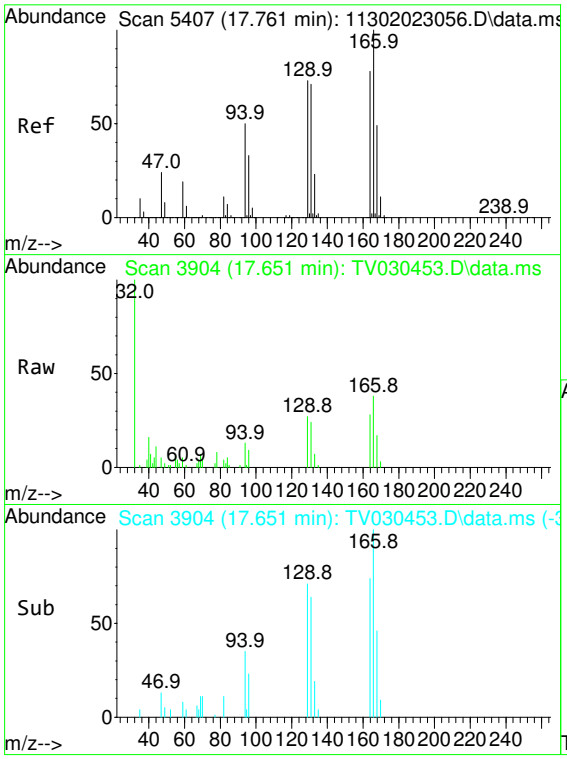


#47
Toluene
Concen: 1.73 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 91 Resp: 230931

Ion	Ratio	Lower	Upper
91	100		
92	60.7	39.0	81.0
65	10.2	7.7	16.1

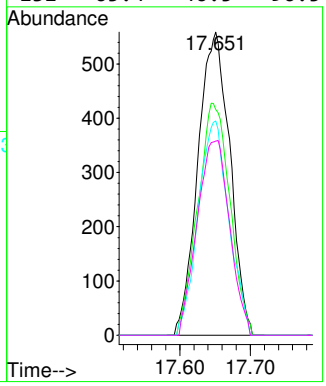


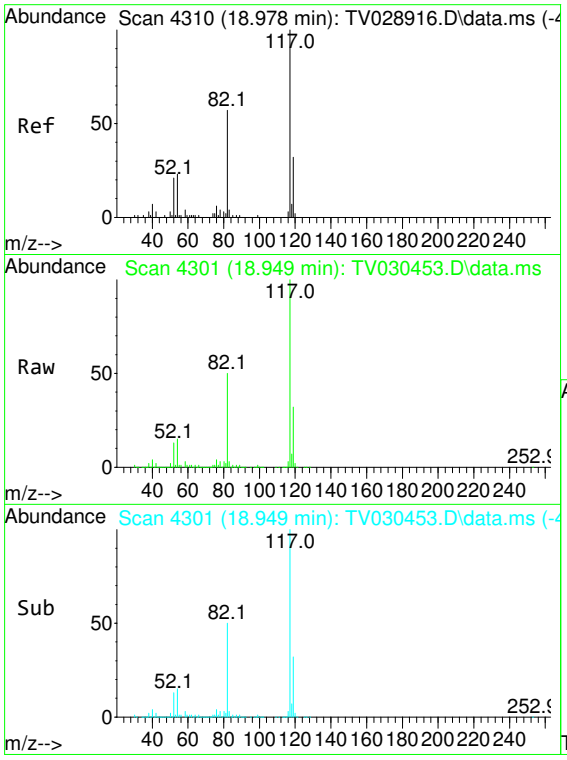


#52
Tetrachloroethylene
Concen: 0.03 ppbv
RT: 17.651 min Scan# 3904
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:166 Resp: 1755

Ion	Ratio	Lower	Upper
166	100		
164	77.2	51.4	106.8
129	67.9	47.0	97.6
131	65.4	46.5	96.5

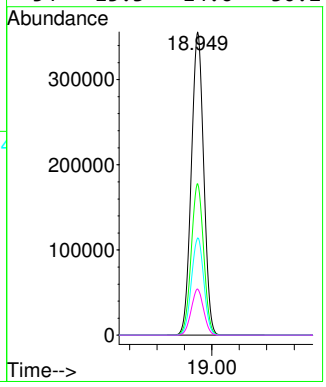


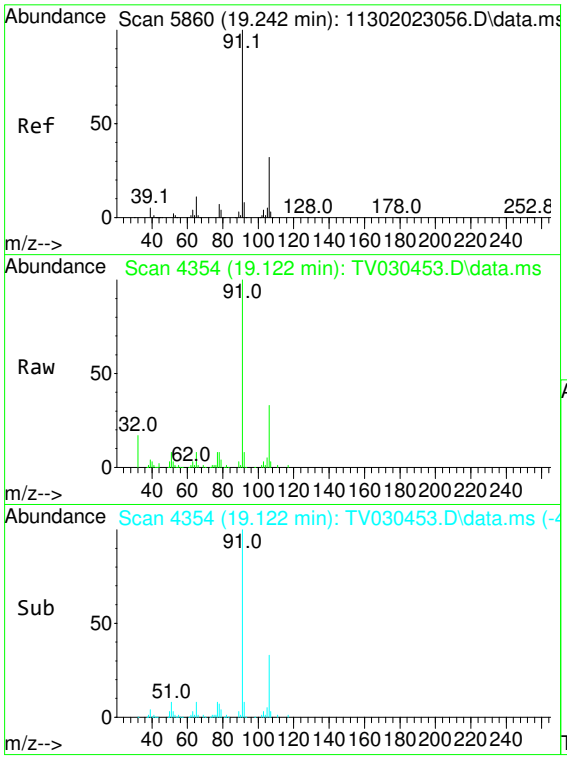


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.949 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:117 Resp: 1130303

Ion	Ratio	Lower	Upper
117	100		
82	50.1	38.7	80.5
119	32.3	20.3	42.3
54	15.3	14.6	30.2

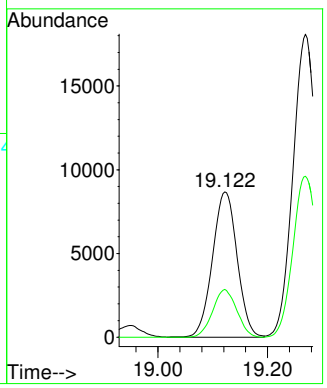


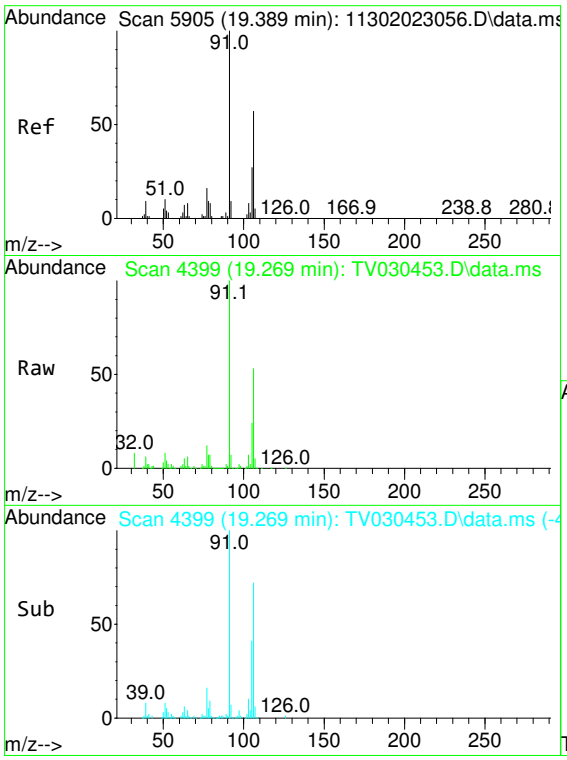


#58
Ethylbenzene
Concen: 0.17 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 91 Resp: 27155

Ion	Ratio	Lower	Upper
91	100		
106	32.3	20.3	42.3

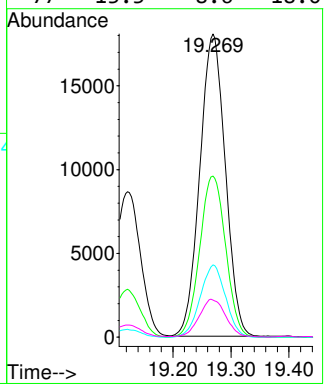


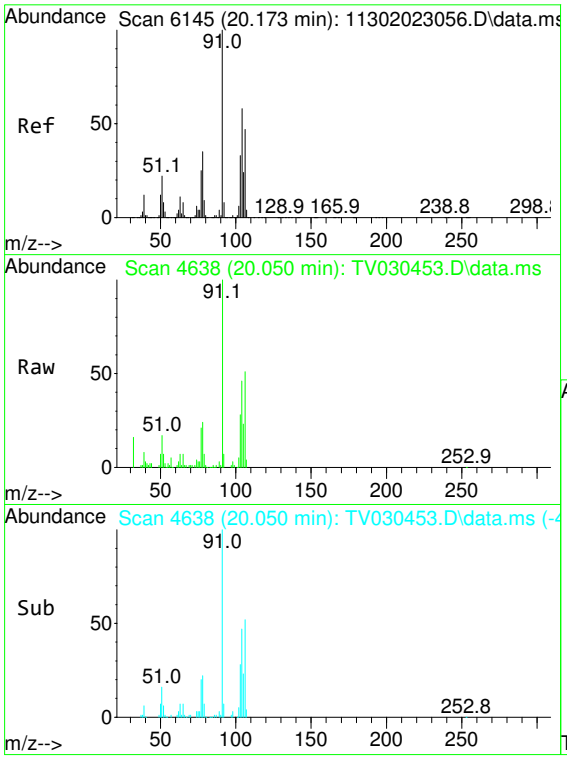


#59
p- & m-Xylenes
Concen: 0.44 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 91 Resp: 55074

Ion	Ratio	Lower	Upper
91	100		
106	54.2	31.0	64.4
105	23.7	13.4	27.8
77	13.3	8.6	18.0

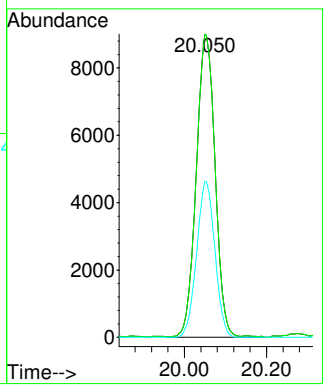


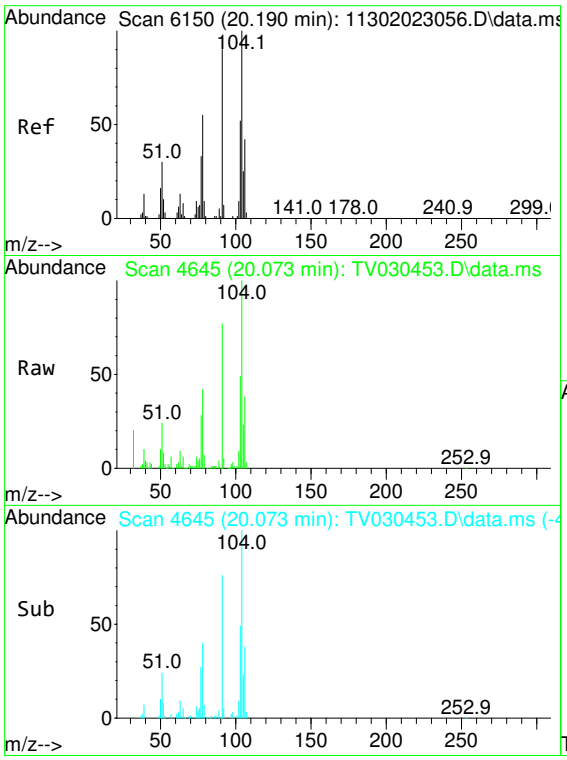


#60
o-Xylene
Concen: 0.22 ppbv
RT: 20.050 min Scan# 4638
Delta R.T. -0.016 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 91 Resp: 28717

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	49.7	36.9	55.3

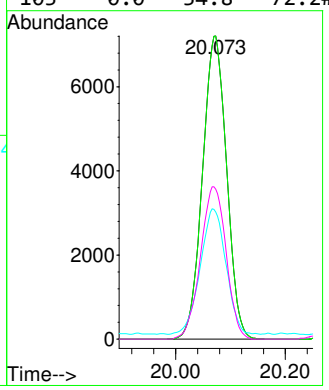


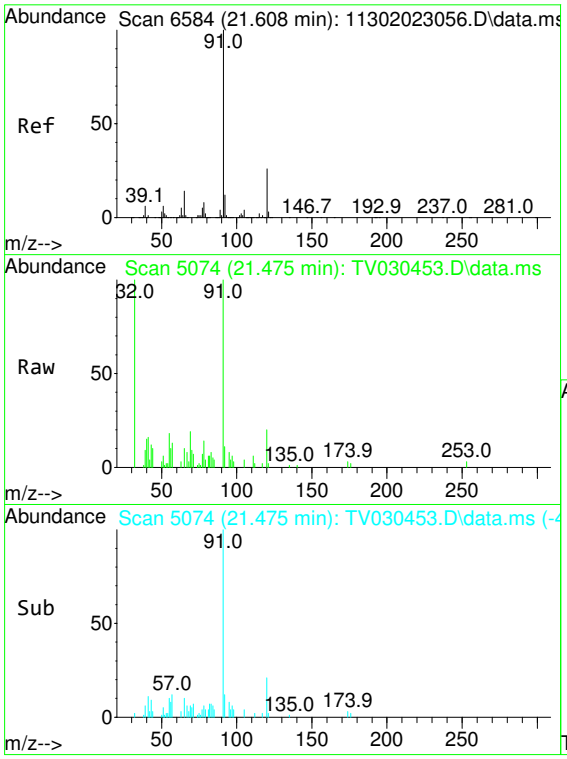


#61
Styrene
Concen: 0.22 ppbv
RT: 20.073 min Scan# 4645
Delta R.T. -0.010 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:104 Resp: 21935

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

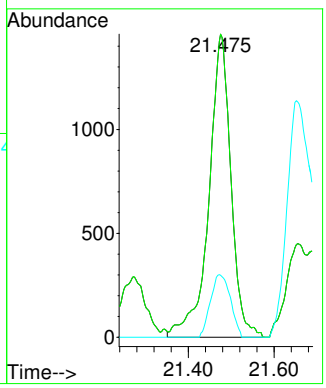


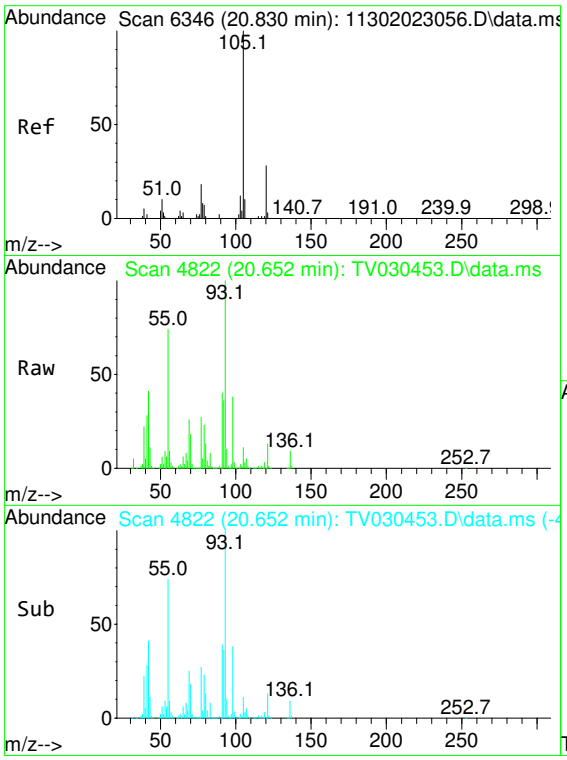


#63
n-Propylbenzene
Concen: 0.02 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 91 Resp: 5190

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	18.7	11.0	33.0

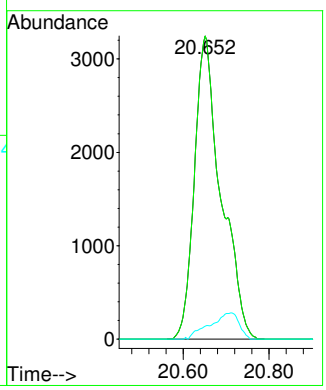


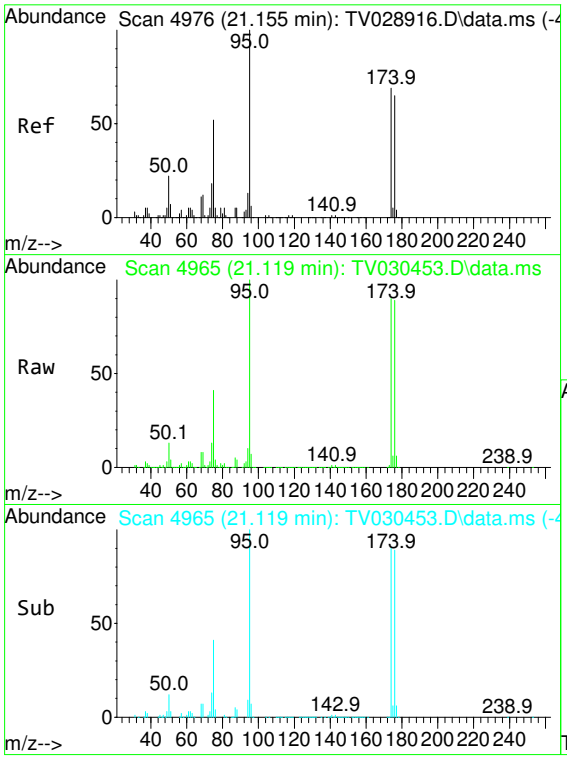


#64
Isopropylbenzene
Concen: 0.07 ppbv
RT: 20.652 min Scan# 4822
Delta R.T. -0.069 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:105 Resp: 13920

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	9.6	13.1	39.1#

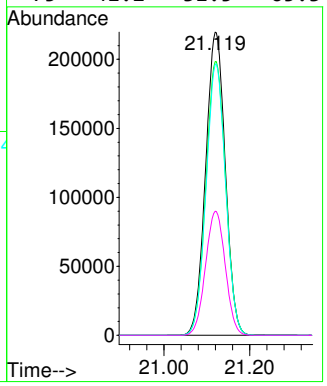


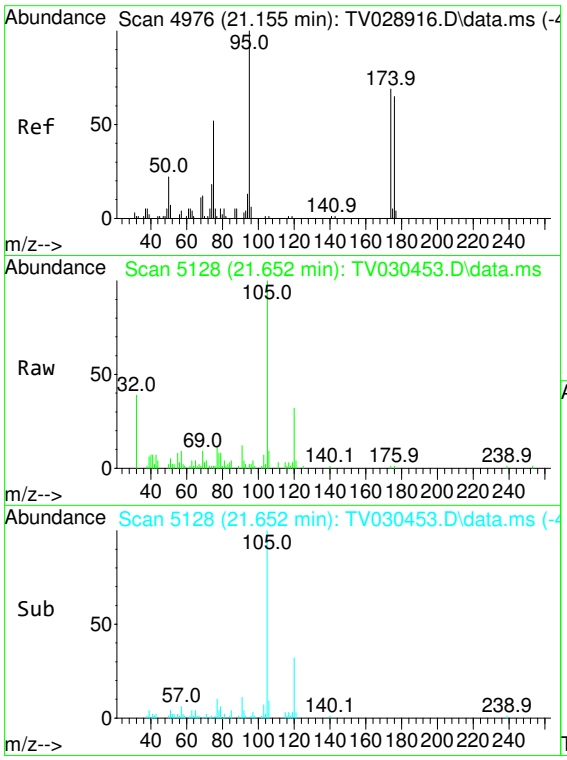


#66
p-Bromofluorobenzene
Concen: 0.34 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion: 95 Resp: 698571

Ion	Ratio	Lower	Upper
95	100		
174	90.7	50.0	103.8
176	88.5	48.2	100.2
75	41.2	31.5	65.3

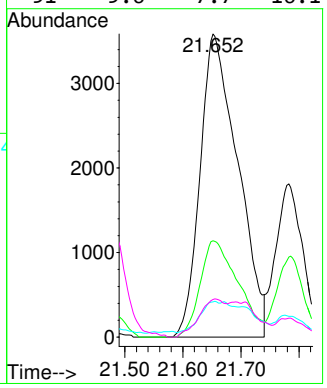


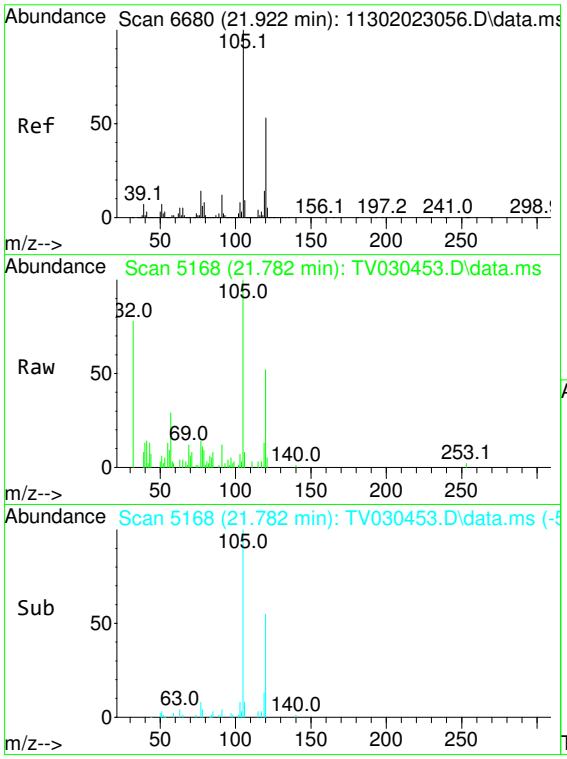


#67
4-Ethyltoluene
Concen: 0.09 ppbv
RT: 21.652 min Scan# 5128
Delta R.T. -0.059 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:105 Resp: 16150

Ion	Ratio	Lower	Upper
105	100		
120	32.1	17.2	35.6
77	14.3	7.6	15.8
91	9.6	7.7	16.1

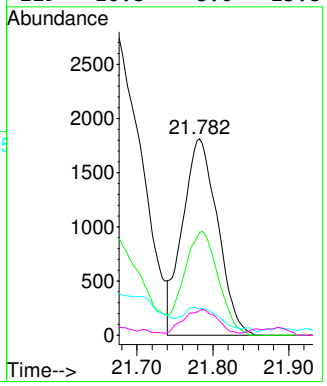


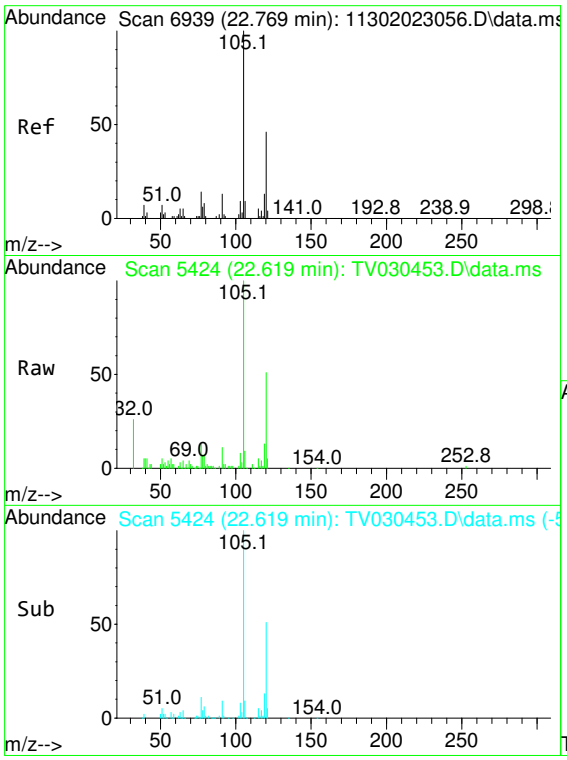


#68
1,3,5-Trimethylbenzene
Concen: 0.04 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:105 Resp: 5813

Ion	Ratio	Lower	Upper
105	100		
120	52.1	43.4	65.2
77	13.0	10.8	16.2
119	10.8	8.0	23.8

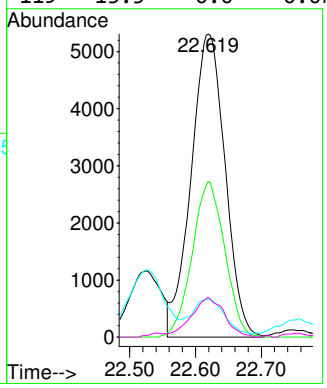


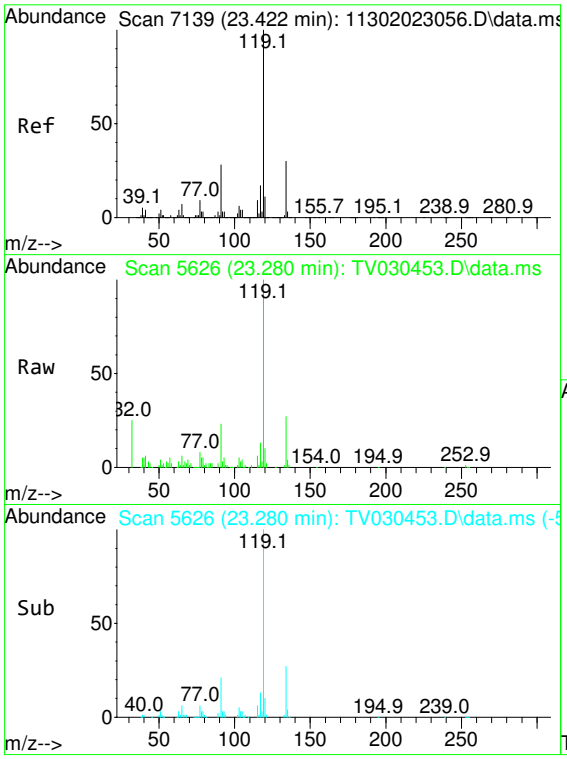


#70
1,2,4-Trimethylbenzene
Concen: 0.12 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:105 Resp: 19117

Ion	Ratio	Lower	Upper
105	100		
120	48.9	29.0	60.2
77	10.7	8.2	17.0
119	13.5	0.0	0.0#

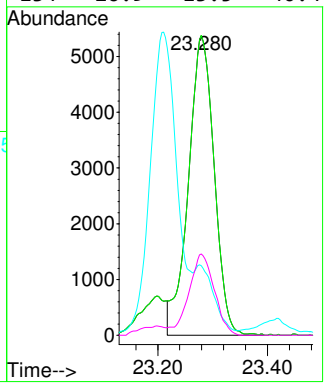


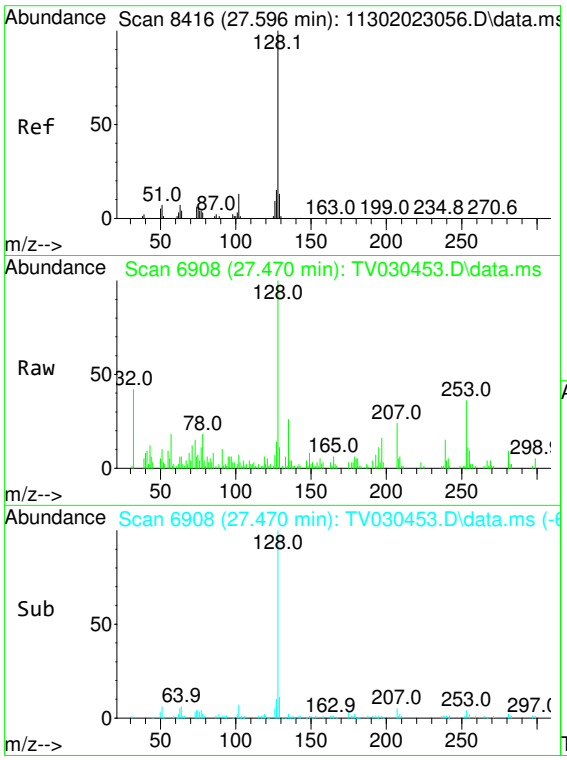


#72
p-Isopropyltoluene
Concen: 0.09 ppbv
RT: 23.280 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:119 Resp: 17587

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	26.9	13.5	40.4

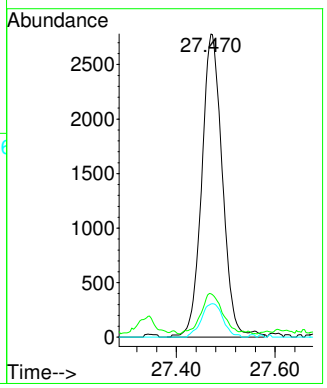




#80
Naphthalene
Concen: 0.05 ppbv
RT: 27.470 min Scan# 6908
Delta R.T. -0.020 min
Lab File: TV030453.D
Acq: 21 Apr 2025 11:49 pm

Tgt Ion:128 Resp: 8065

Ion	Ratio	Lower	Upper
128	100		
127	14.2	8.1	16.9
129	11.7	7.3	15.1



Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID: 25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.64		ug/m³	0.58	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.56	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
95-63-6	**1,2,4-Trimethylbenzene**	2.0		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.53	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
108-67-8	**1,3,5-Trimethylbenzene**	1.0		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.18		ug/m³	0.18	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
78-93-3	**2-Butanone**	0.65		ug/m³	0.22	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.62	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
67-64-1	**Acetone**	4.2		ug/m³	1.4	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.1	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
71-43-2	**Benzene**	0.48		ug/m³	0.24	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.51	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-25-2	Bromoform	ND		ug/m³	0.78	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
74-83-9	Bromomethane	ND		ug/m³	0.29	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
56-23-5	**Carbon tetrachloride**	0.52		ug/m³	0.12	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR

Sample Information

Client Sample ID: AO-1 20250326 **York Sample ID: 25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-00-3	Chloroethane	ND		ug/m³	0.20	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
67-66-3	Chloroform	ND		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
74-87-3	**Chloromethane**	0.97		ug/m³	0.16	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
141-78-6	* Ethyl acetate	ND		ug/m³	0.54	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
100-41-4	**Ethyl Benzene**	1.0		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.81	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
67-63-0	Isopropanol	ND	CAL-E	ug/m³	1.1	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
91-20-3	*** Naphthalene**	2.5	CAL-E	ug/m³	0.79	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
142-82-5	n-Heptane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
110-54-3	n-Hexane	ND		ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
95-47-6	**o-Xylene**	2.2		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
179601-23-1	**p- & m- Xylenes**	3.7		ug/m³	0.66	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
622-96-8	*** p-Ethyltoluene**	1.9		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
115-07-1	*** Propylene**	0.55		ug/m³	0.13	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
100-42-5	**Styrene**	0.45		ug/m³	0.32	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
127-18-4	**Tetrachloroethylene**	2.2	TO-CCV, TO-LCS-H	ug/m³	0.51	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
108-88-3	**Toluene**	1.2		ug/m³	0.28	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.42	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*					

Sample Information

Client Sample ID: **AO-1 20250326** **York Sample ID:** **25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*102 %*			*60-140*					

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030454.D
Acq On : 22 Apr 2025 12:35 am
Operator : YR
Sample : 25C1721-13
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.755
InstName : TO15_AIR3

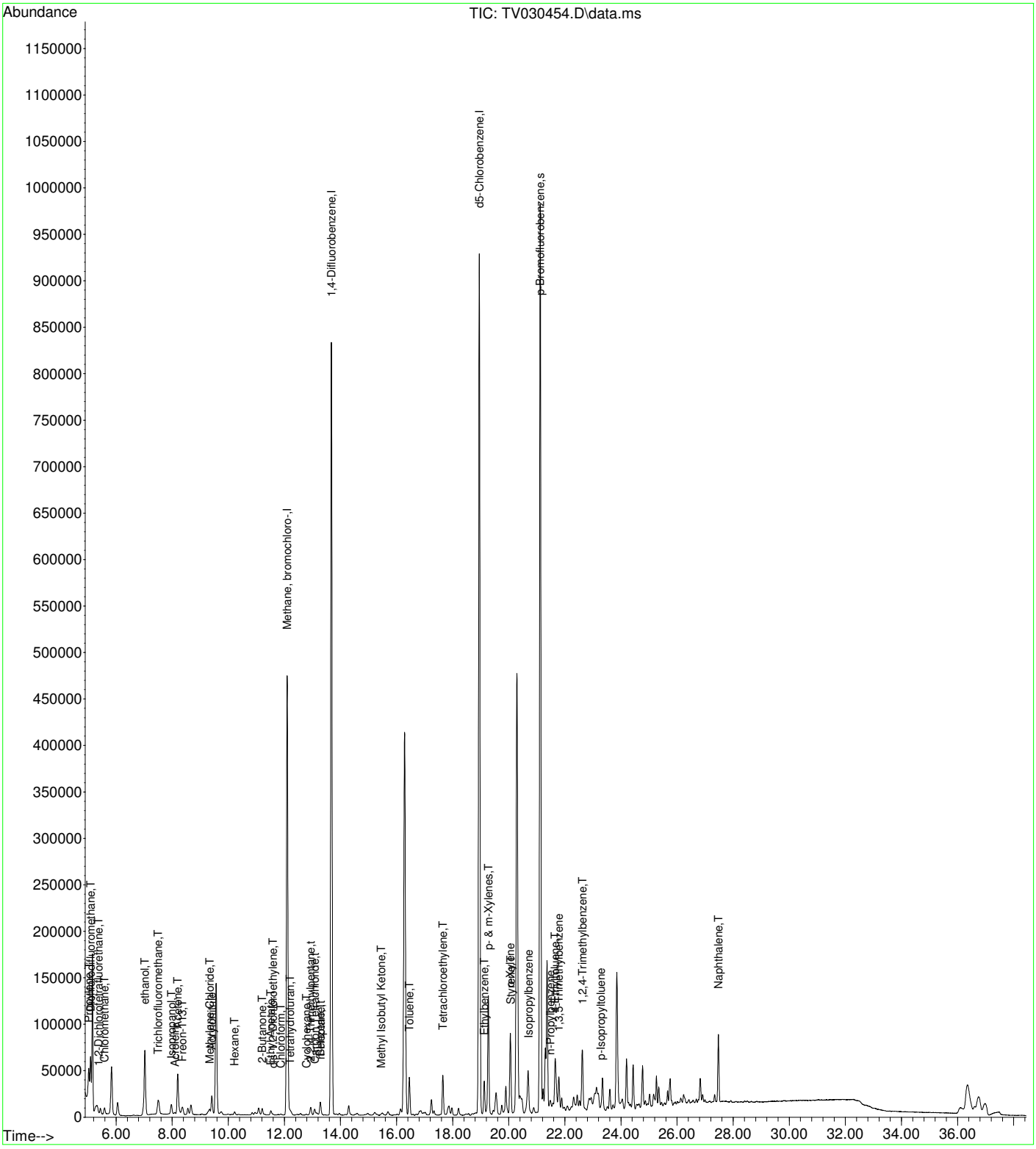
Quant Time: Apr 22 07:19:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

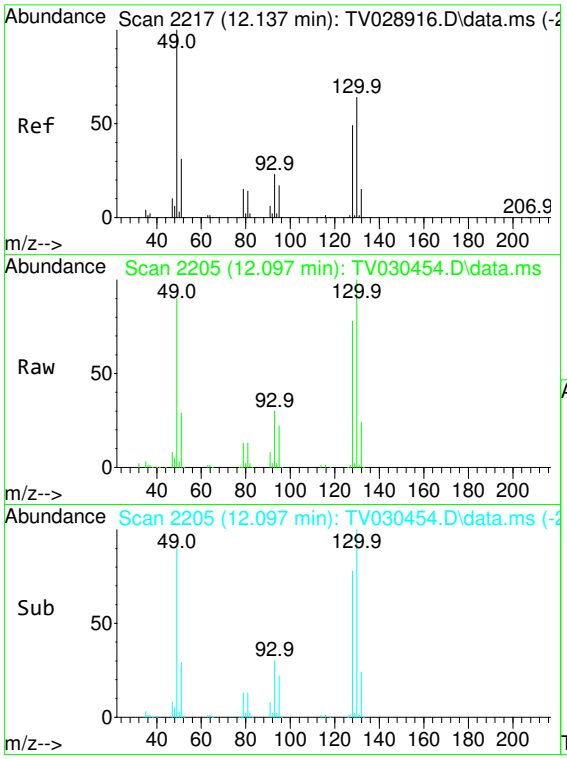
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.097	49	320258	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1304309	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.949	117	1115798	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	684351	0.34	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#		
Target Compounds						Qvalue
2) Propylene	5.024	42	5576	0.42	ppbv	# 3
3) Dichlorodifluoromethane	5.093	85	49375	0.68	ppbv	100
4) 1,2-Dichlorotetrafluor...	5.367	85	1981	0.02	ppbv	# 90
5) Chloromethane	5.583	50	13394	0.62	ppbv	100
10) ethanol	7.025	45	75805	5.63	ppbv	88
12) Trichlorofluoromethane	7.495	101	23074	0.33	ppbv	99
13) Isopropanol	7.969	45	21797	0.38	ppbv	100
14) Acrolein	8.097	56	2090	0.17	ppbv	# 100
15) Acetone	8.195	43	89262	2.33	ppbv	# 67
16) Freon-113	8.358	101	6694	0.11	ppbv	92
19) Methylene Chloride	9.335	49	5048	0.17	ppbv	# 75
20) Acrylonitrile	9.411	53	28643	1.19	ppbv	# 100
24) Hexane	10.221	57	2980	0.07	ppbv	92
27) 2-Butanone	11.208	43	14733	0.29	ppbv	88
28) Ethyl Acetate	11.516	43	7032	0.12	ppbv	94
29) cis-1,2-Dichloroethylene	11.594	61	785	0.02	ppbv	# 63
30) Chloroform	11.869	83	1447	0.02	ppbv	# 86
31) Tetrahydrofuran	12.199	42	3607	0.13	ppbv	# 81
33) Cyclohexane	12.781	56	908	0.02	ppbv	# 71
34) 2,2,4-Trimethylpentane	12.934	57	6765	0.05	ppbv	# 1
35) Carbon Tetrachloride	13.078	117	7086	0.11	ppbv	100
37) Benzene	13.277	78	18825	0.20	ppbv	# 100
38) n-Heptane	13.297	43	2253	0.05	ppbv	# 75
45) Methyl Isobutyl Ketone	15.451	43	2929	0.04	ppbv	# 58
47) Toluene	16.455	91	56349	0.42	ppbv	98
52) Tetrachloroethylene	17.648	166	26033	0.43	ppbv	96
58) Ethylbenzene	19.122	91	51274	0.32	ppbv	96
59) p- & m-Xylenes	19.269	91	138415	1.12	ppbv	93
60) o-Xylene	20.053	91	85800	0.67	ppbv	98
61) Styrene	20.070	104	14113	0.14	ppbv	# 74
63) n-Propylbenzene	21.475	91	13227	0.06	ppbv	99
64) Isopropylbenzene	20.707	105	16175	0.09	ppbv	100
67) 4-Ethyltoluene	21.652	105	90396	0.51	ppbv	93
68) 1,3,5-Trimethylbenzene	21.782	105	40253	0.27	ppbv	97
70) 1,2,4-Trimethylbenzene	22.619	105	81176	0.53	ppbv	# 95
72) p-Isopropyltoluene	23.283	119	5034	0.03	ppbv	# 89
80) Naphthalene	27.473	128	108924	0.64	ppbv	100

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030454.D
Acq On : 22 Apr 2025 12:35 am
Operator : YR
Sample : 25C1721-13
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 0.755
InstName : TO15_AIR3

Quant Time: Apr 22 07:19:03 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

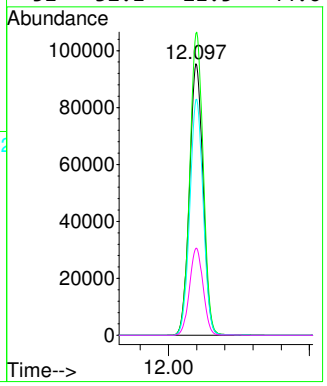


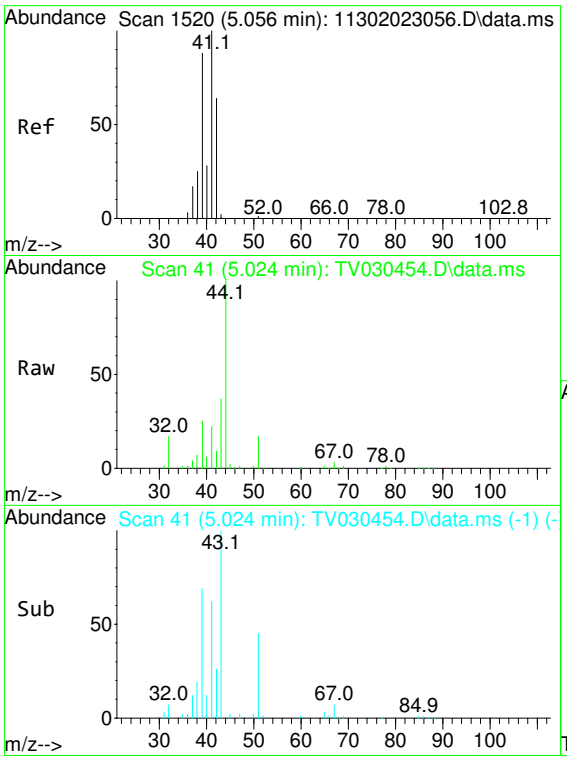


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.097 min Scan# 2205
Delta R.T. -0.014 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 49 Resp: 320258

Ion	Ratio	Lower	Upper
49	100		
130	110.4	44.5	92.3#
128	85.6	34.7	72.1#
51	32.1	21.5	44.6

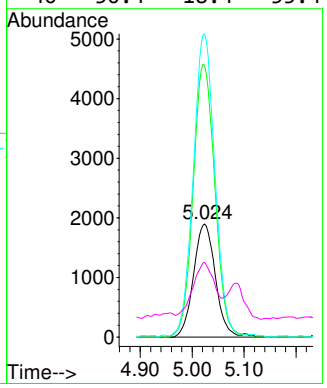


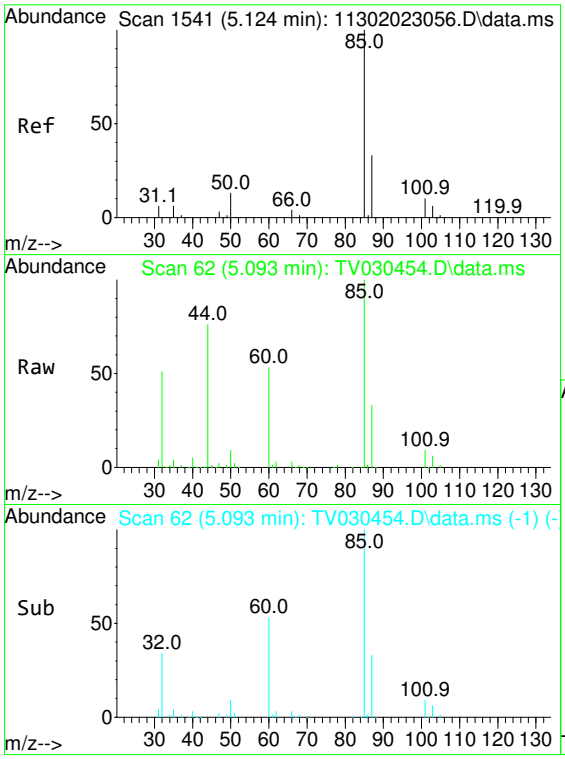


#2
Propylene
Concen: 0.42 ppbv
RT: 5.024 min Scan# 41
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 42 Resp: 5576

Ion	Ratio	Lower	Upper
42	100		
41	239.1	88.9	207.5#
39	265.8	52.2	156.6#
40	50.4	18.4	55.4

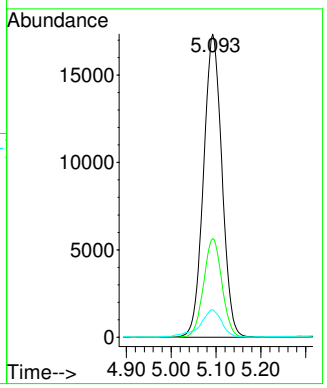


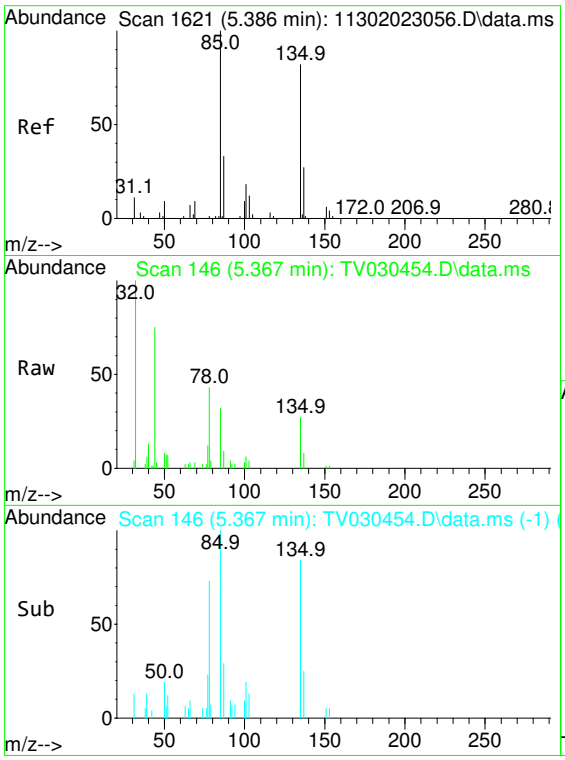


#3
Dichlorodifluoromethane
Concen: 0.68 ppbv
RT: 5.093 min Scan# 62
Delta R.T. -0.020 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 85 Resp: 49375

Ion	Ratio	Lower	Upper
85	100		
87	32.6	21.0	43.6
50	10.7	6.8	14.2

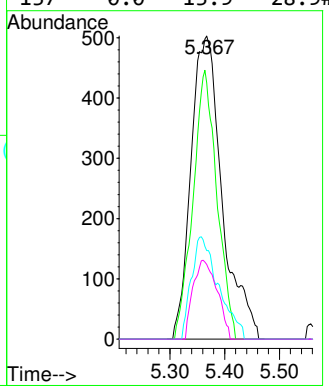


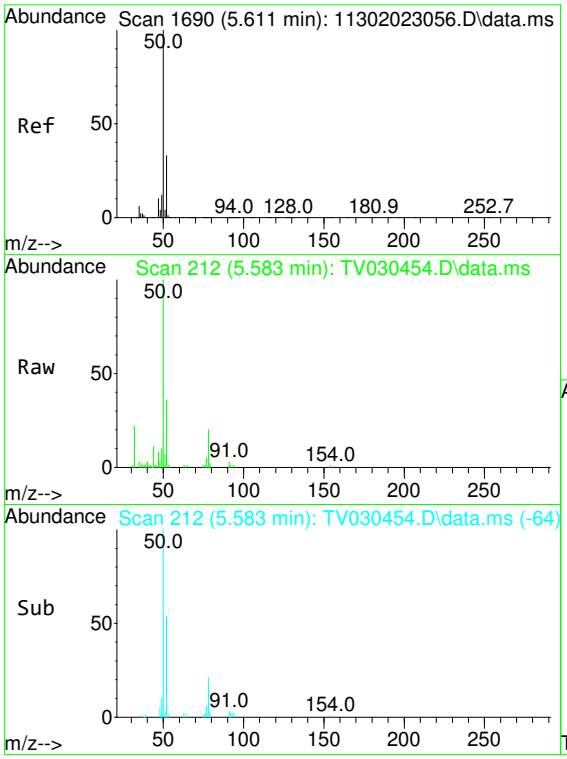


#4
1,2-Dichlorotetrafluorethane
Concen: 0.02 ppbv
RT: 5.367 min Scan# 146
Delta R.T. -0.007 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 85 Resp: 1981

Ion	Ratio	Lower	Upper
85	100		
135	68.3	43.7	90.7
87	29.6	20.9	43.3
137	0.0	13.9	28.9#

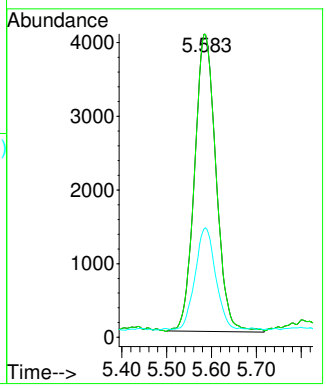


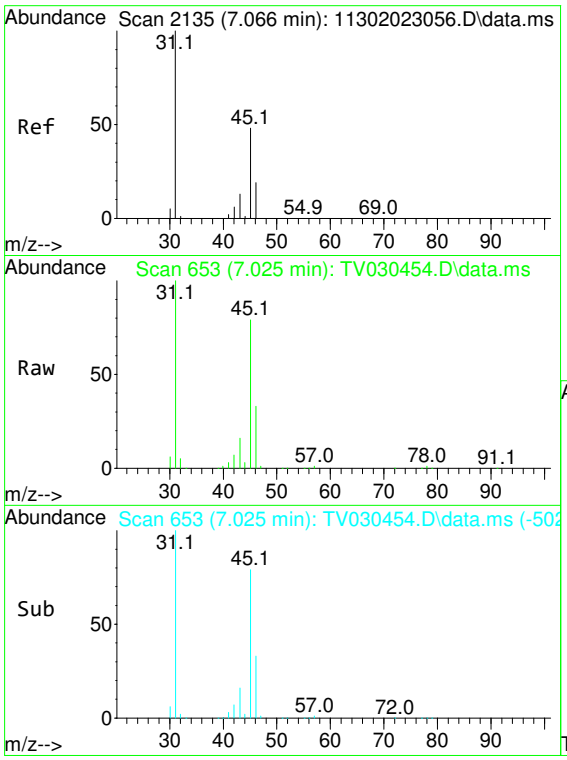


#5
Chloromethane
Concen: 0.62 ppbv
RT: 5.583 min Scan# 212
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 50 Resp: 13394

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	33.1	16.5	49.5

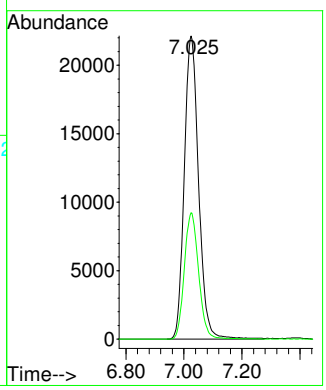


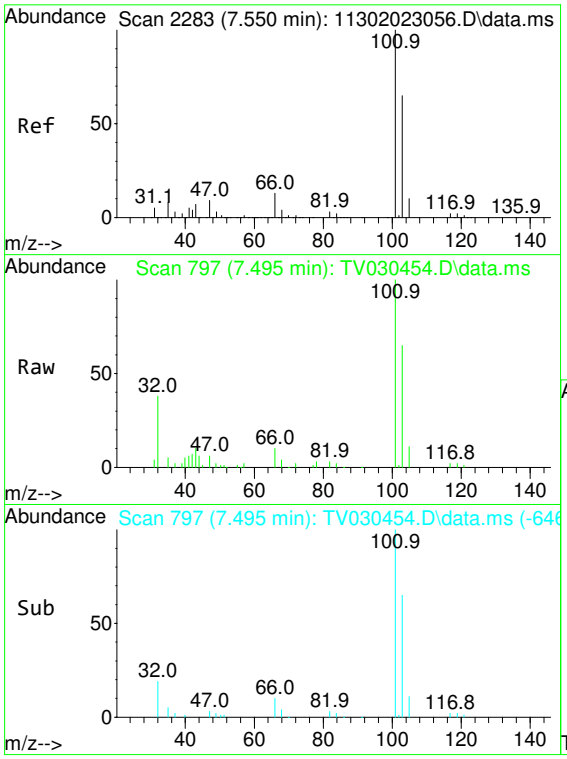


#10
ethanol
Concen: 5.63 ppbv
RT: 7.025 min Scan# 653
Delta R.T. -0.007 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 45 Resp: 75805

Ion	Ratio	Lower	Upper
45	100		
46	41.8	40.0	60.0

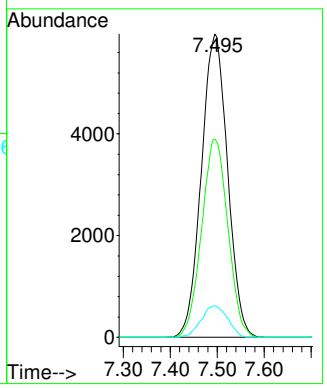


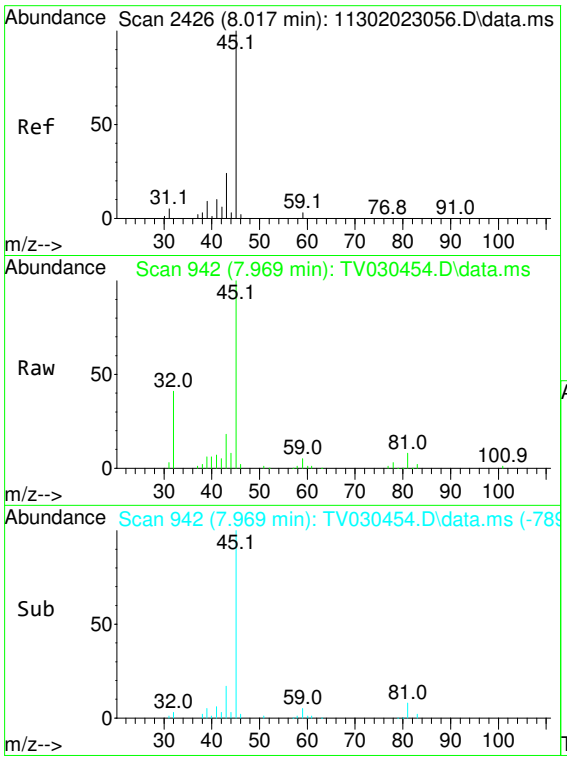


#12
Trichlorofluoromethane
Concen: 0.33 ppbv
RT: 7.495 min Scan# 797
Delta R.T. -0.007 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:101 Resp: 23074

Ion	Ratio	Lower	Upper
101	100		
103	65.5	42.4	88.0
66	10.5	7.9	16.5

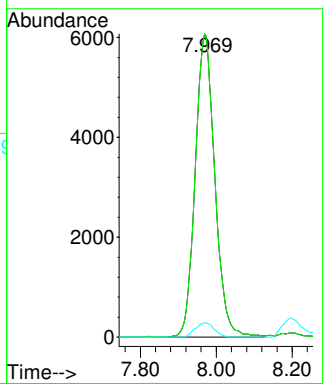


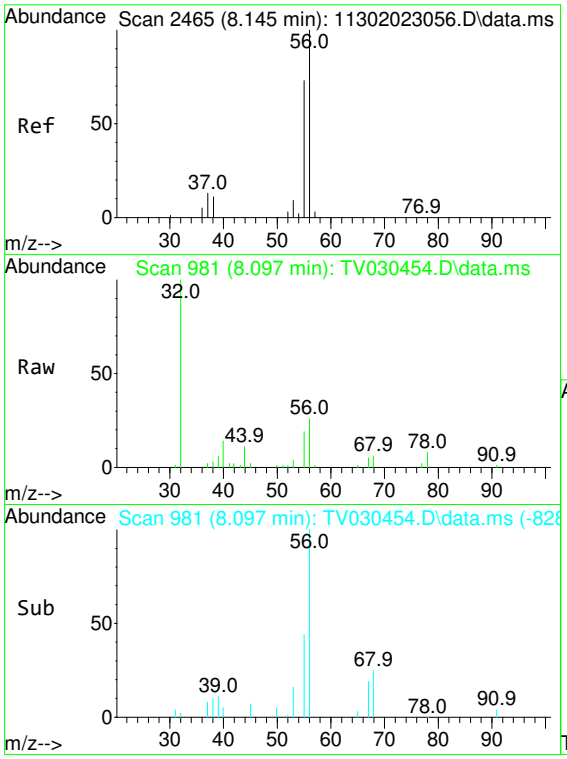


#13
Isopropanol
Concen: 0.38 ppbv
RT: 7.969 min Scan# 942
Delta R.T. -0.000 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 45 Resp: 21797

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.6	0.0	8.4

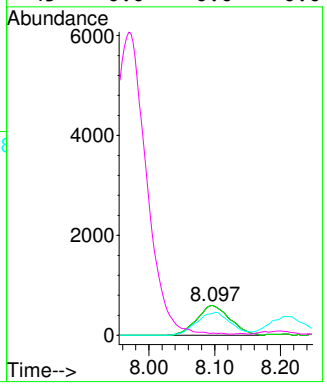


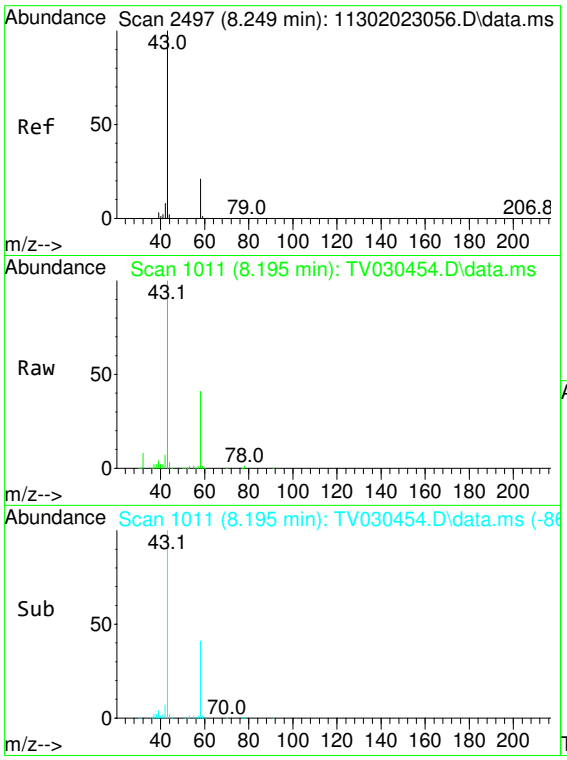


#14
Acrolein
Concen: 0.17 ppbv
RT: 8.097 min Scan# 981
Delta R.T. -0.000 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 56 Resp: 2090

Ion	Ratio	Lower	Upper
56	100		
56	100.0	80.0	120.0
55	0.0	0.0	0.0
45	0.0	0.0	0.0

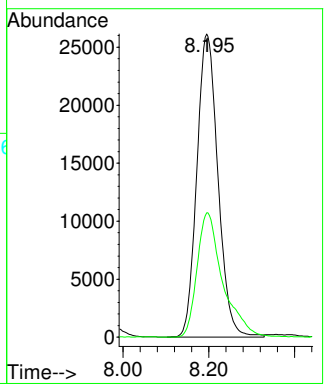


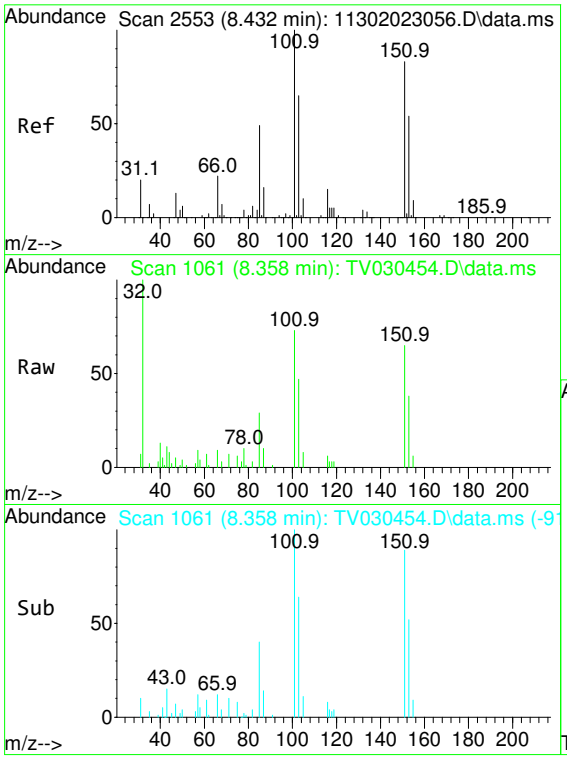


#15
Acetone
Concen: 2.33 ppbv
RT: 8.195 min Scan# 1011
Delta R.T. -0.007 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 43 Resp: 89262

Ion	Ratio	Lower	Upper
43	100		
58	50.1	20.7	42.9#

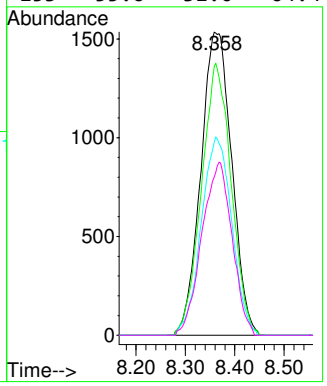


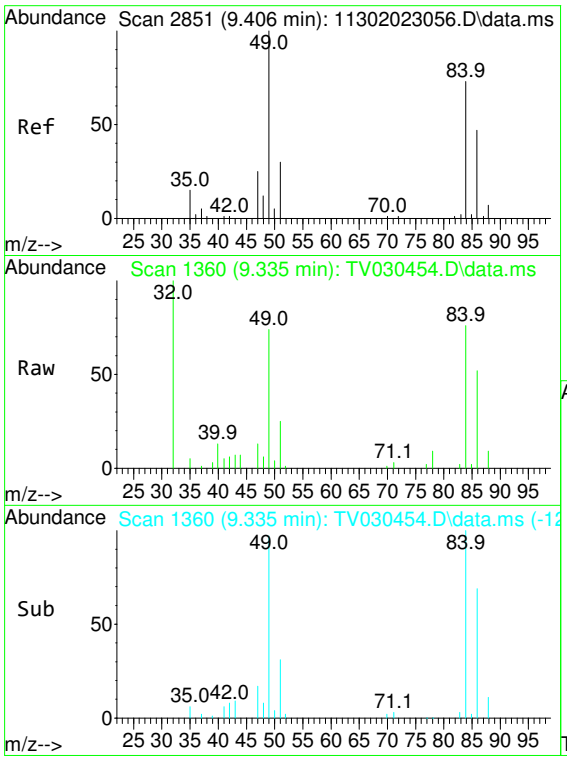


#16
Freon-113
Concen: 0.11 ppbv
RT: 8.358 min Scan# 1061
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:101 Resp: 6694

Ion	Ratio	Lower	Upper
101	100		
151	86.0	48.6	100.8
103	64.4	42.0	87.2
153	55.6	31.0	64.4

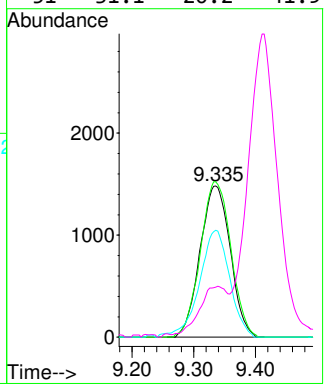


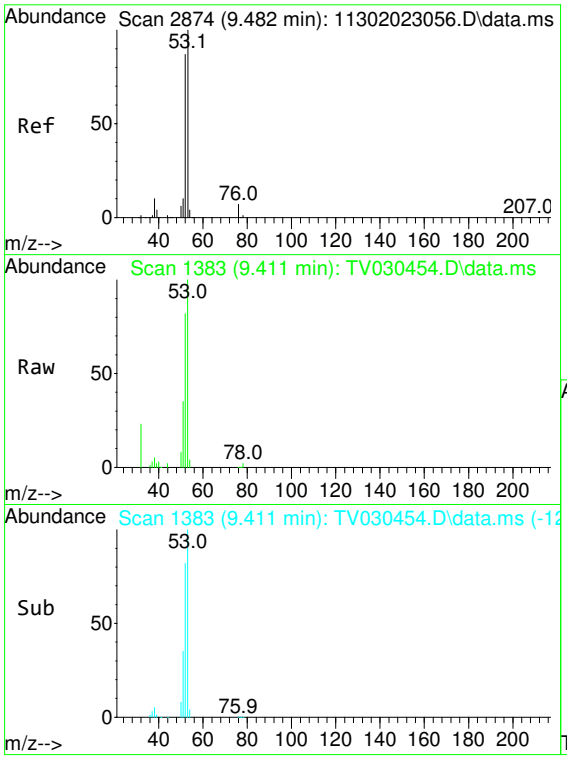


#19
Methylene Chloride
Concen: 0.17 ppbv
RT: 9.335 min Scan# 1360
Delta R.T. -0.010 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 49 Resp: 5048

Ion	Ratio	Lower	Upper
49	100		
84	103.9	50.1	104.0
86	71.2	32.2	66.8#
51	31.1	20.2	41.9

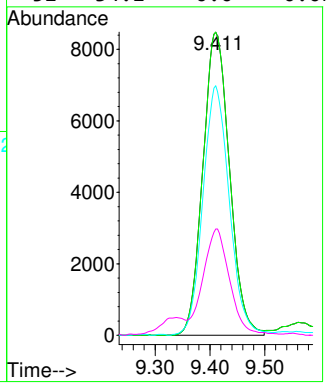


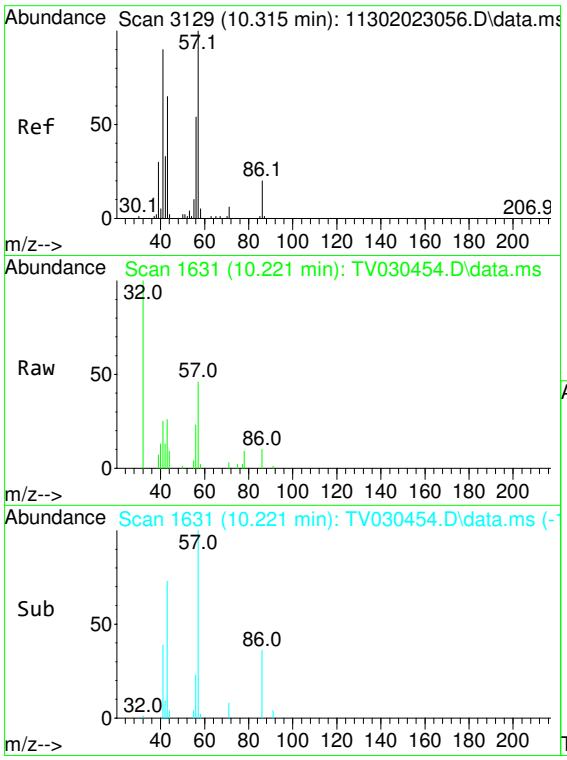


#20
Acrylonitrile
Concen: 1.19 ppbv
RT: 9.411 min Scan# 1383
Delta R.T. -0.010 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 53 Resp: 28643

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	34.1	0.0	0.0#

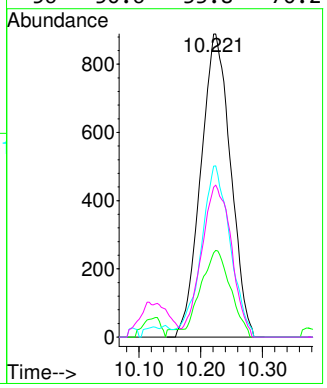


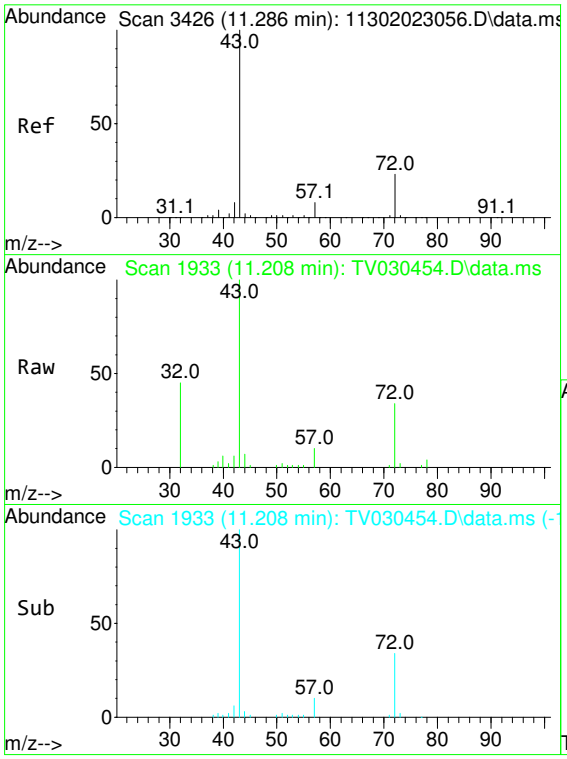


#24
Hexane
Concen: 0.07 ppbv
RT: 10.221 min Scan# 1631
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 57 Resp: 2980

Ion	Ratio	Lower	Upper
57	100		
42	29.2	22.2	46.0
43	55.3	42.9	89.1
56	50.6	33.8	70.2

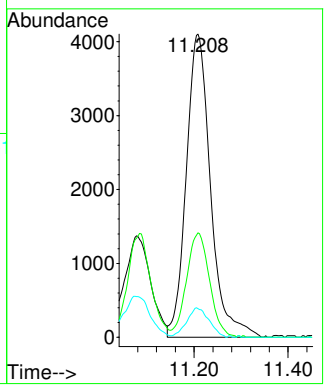


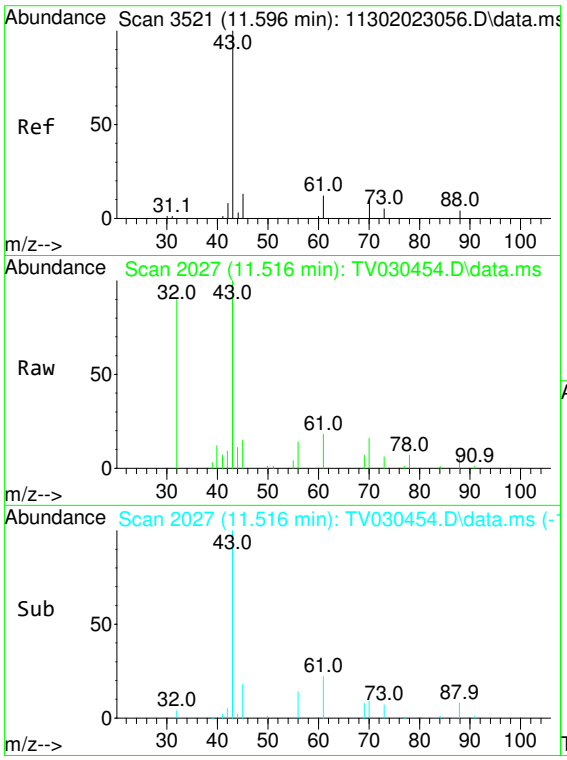


#27
2-Butanone
Concen: 0.29 ppbv
RT: 11.208 min Scan# 1933
Delta R.T. -0.003 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 43 Resp: 14733

Ion	Ratio	Lower	Upper
43	100		
72	32.7	16.4	34.2
57	9.0	5.0	10.4

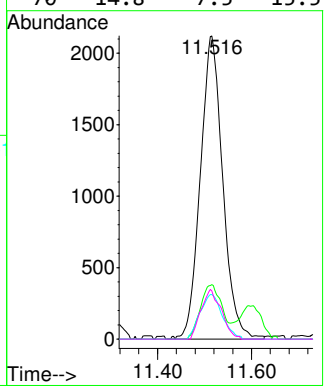


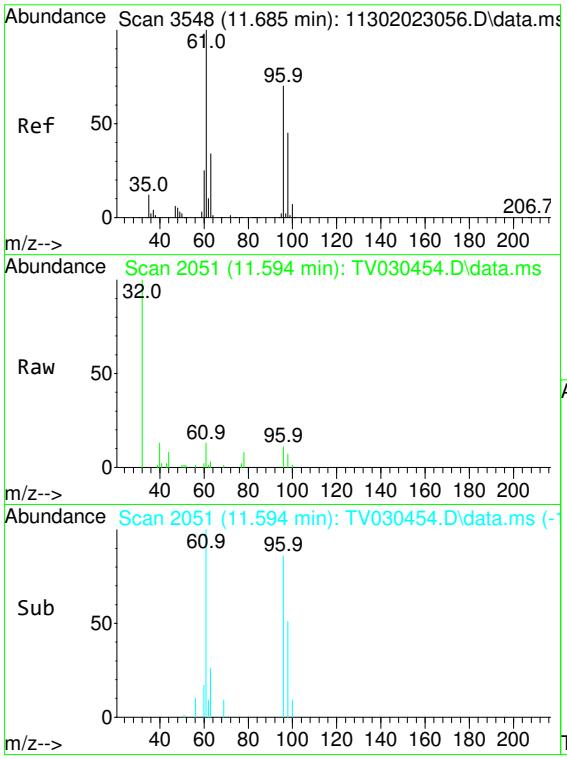


#28
Ethyl Acetate
Concen: 0.12 ppbv
RT: 11.516 min Scan# 2027
Delta R.T. -0.003 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 43 Resp: 7032

Ion	Ratio	Lower	Upper
43	100		
61	17.6	9.2	19.2
45	14.7	9.4	19.6
70	14.8	7.5	15.5

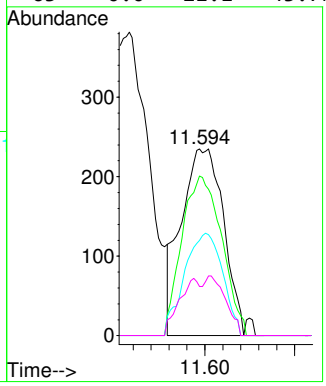


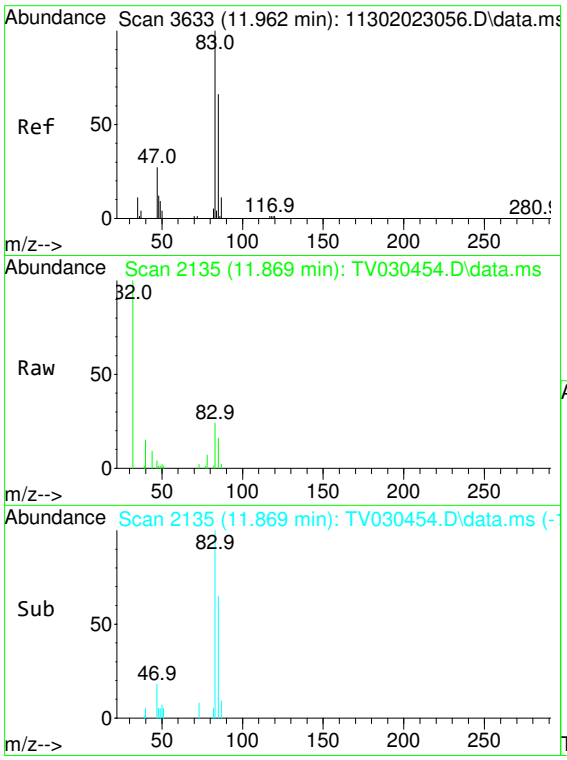


#29
cis-1,2-Dichloroethylene
Concen: 0.02 ppbv
RT: 11.594 min Scan# 2051
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 61 Resp: 785

Ion	Ratio	Lower	Upper
61	100		
96	79.2	48.4	100.6
98	0.0	31.1	64.5#
63	0.0	21.1	43.7#

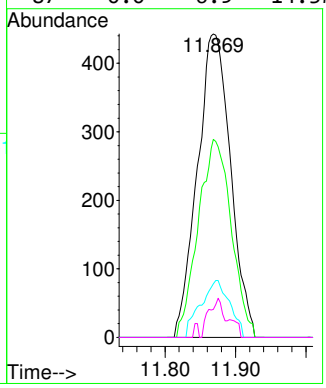


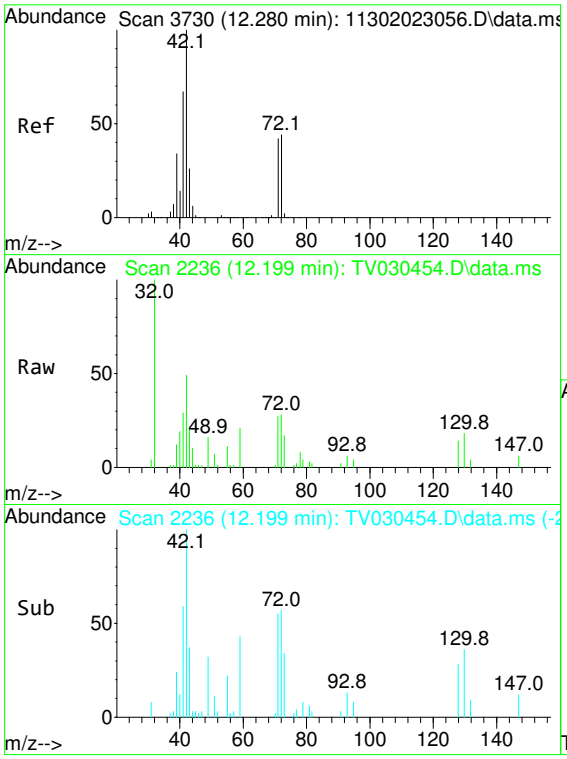


#30
Chloroform
Concen: 0.02 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 83 Resp: 1447

Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

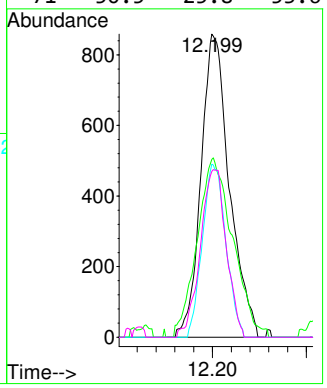


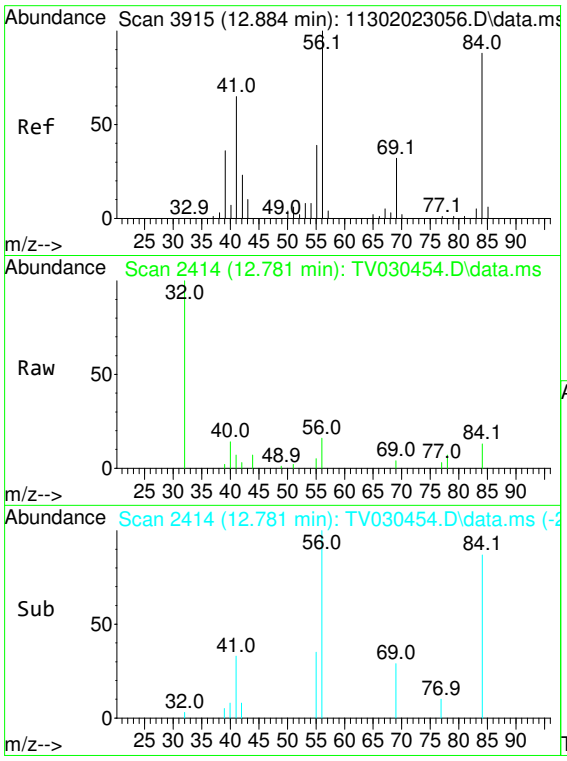


#31
Tetrahydrofuran
Concen: 0.13 ppbv
RT: 12.199 min Scan# 2236
Delta R.T. -0.003 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 42 Resp: 3607

Ion	Ratio	Lower	Upper
42	100		
41	74.0	34.5	71.7#
72	47.2	27.4	56.8
71	50.5	25.8	53.6

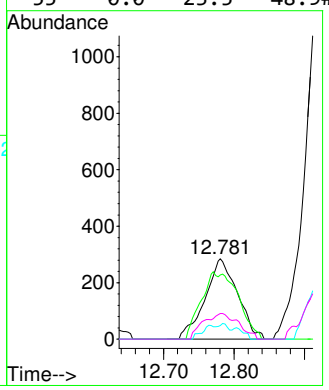


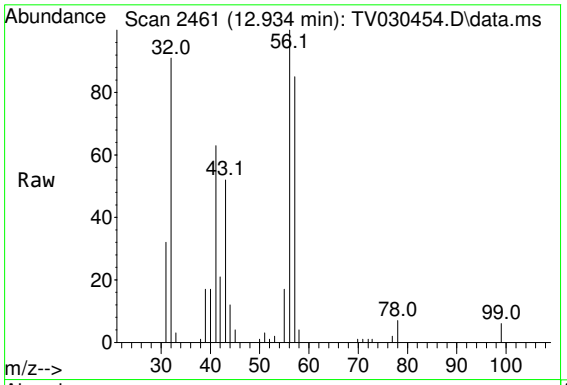


#33
Cyclohexane
Concen: 0.02 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 56 Resp: 908

Ion	Ratio	Lower	Upper
56	100		
84	95.6	56.4	117.0
42	0.0	15.3	31.7#
55	0.0	23.5	48.9#

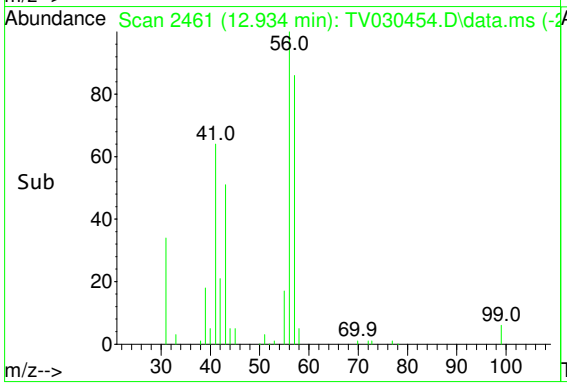


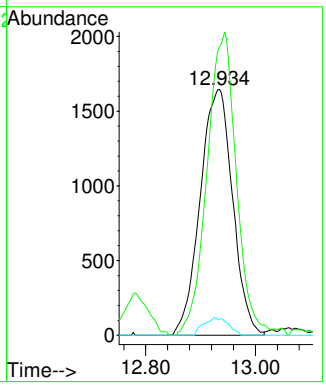


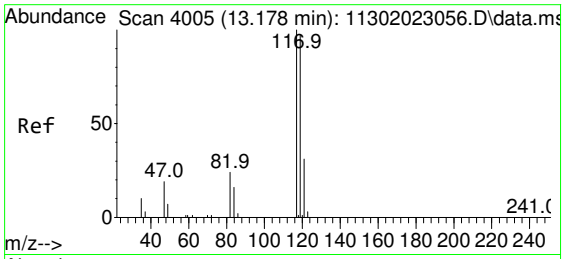
#34
2,2,4-Trimethylpentane
Concen: 0.05 ppbv
RT: 12.934 min Scan# 2461
Delta R.T. -0.003 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

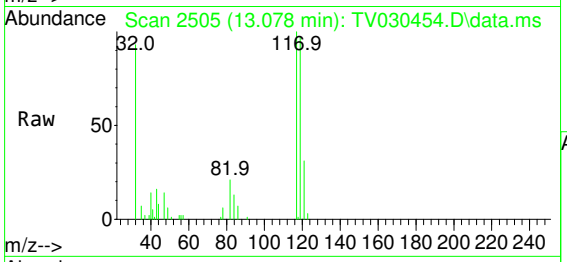
Tgt Ion: 57 Resp: 6765

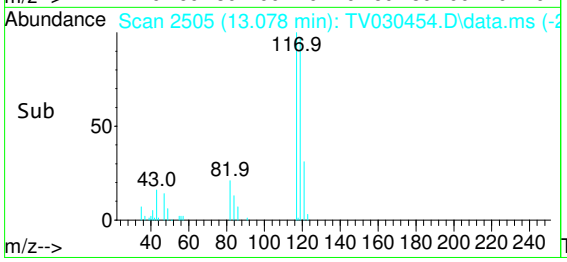
Ion	Ratio	Lower	Upper
57	100		
56	112.0	24.5	45.5#
99	0.0	3.5	6.5#







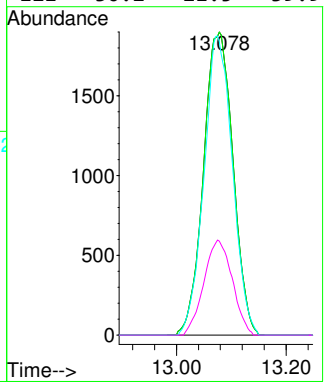


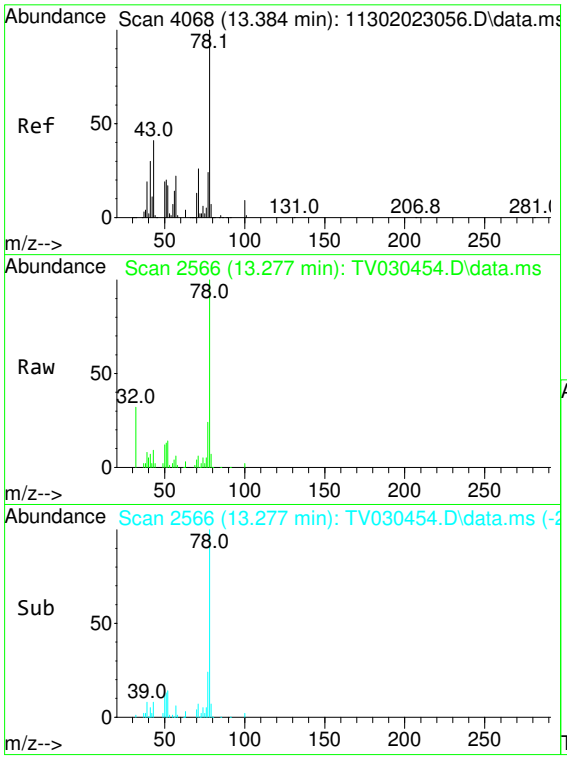


#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:117 Resp: 7086

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	94.9	76.5	114.7
121	30.2	21.5	39.9

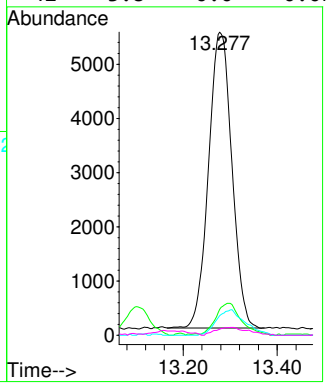


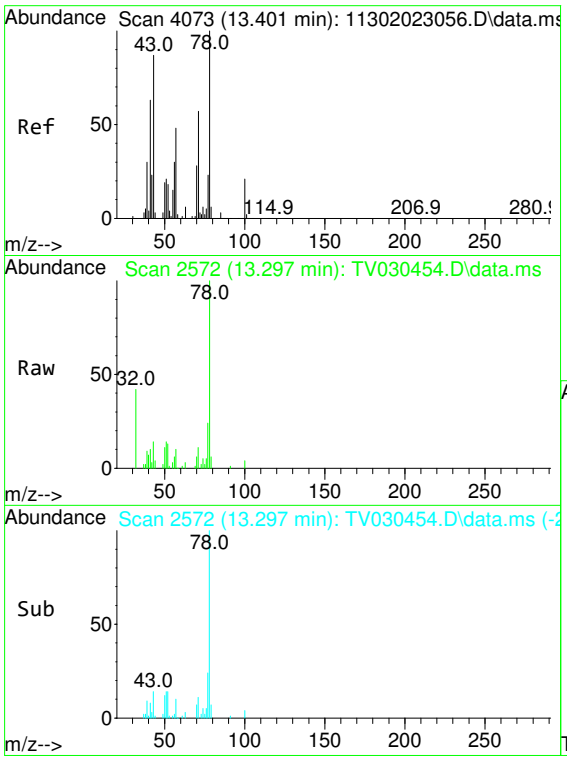


#37
Benzene
Concen: 0.20 ppbv
RT: 13.277 min Scan# 2566
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 78 Resp: 18825

Ion	Ratio	Lower	Upper
78	100		
43	12.0	0.0	0.0#
71	10.5	0.0	0.0#
42	3.8	0.0	0.0#

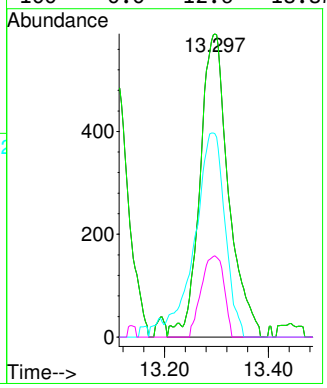


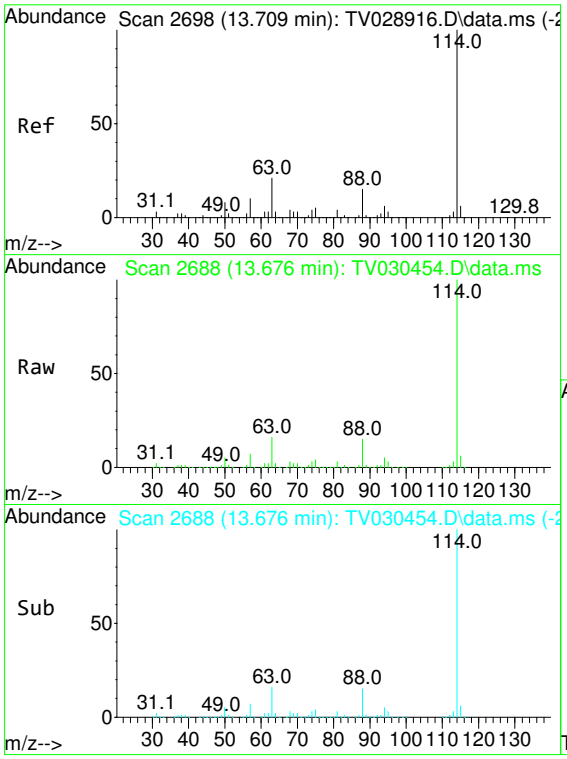


#38
n-Heptane
Concen: 0.05 ppbv
RT: 13.297 min Scan# 2572
Delta R.T. -0.007 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 43 Resp: 2253

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	0.0	39.8	59.8#
100	0.0	12.6	18.8#

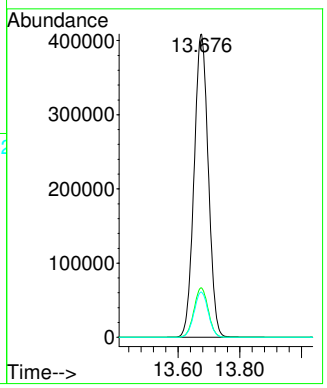


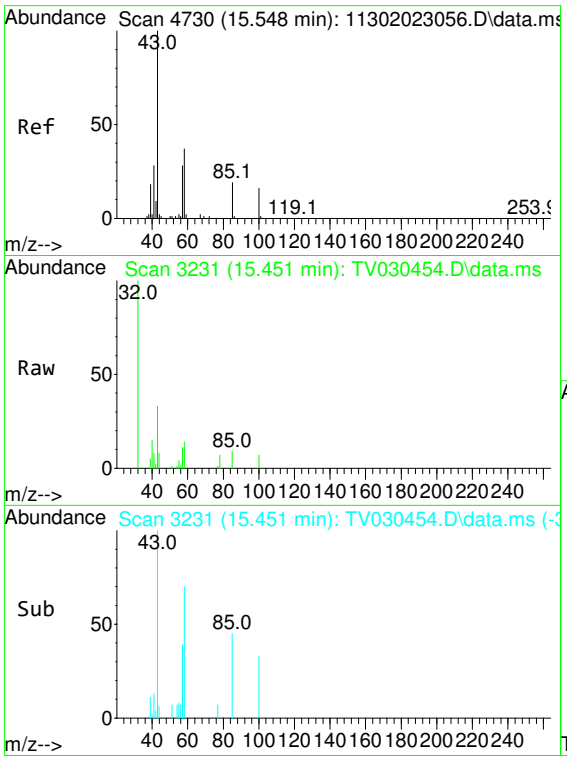


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:114 Resp: 1304309

Ion	Ratio	Lower	Upper
114	100		
63	16.4	14.0	29.2
88	14.9	11.2	23.2

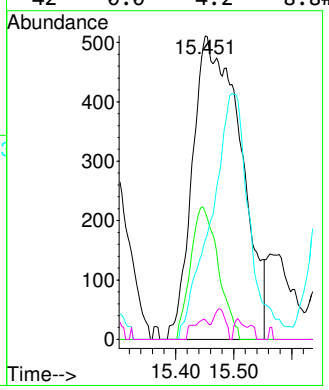


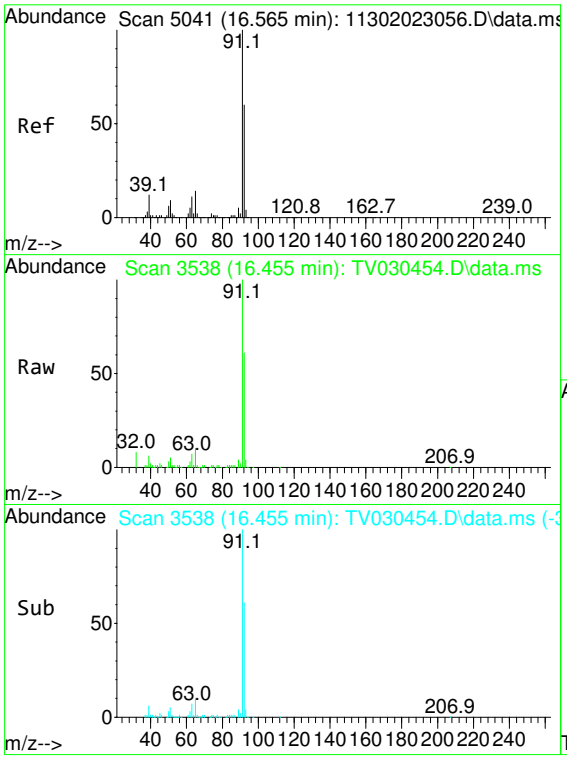


#45
Methyl Isobutyl Ketone
Concen: 0.04 ppbv
RT: 15.451 min Scan# 3231
Delta R.T. -0.003 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 43 Resp: 2929

Ion	Ratio	Lower	Upper
43	100		
58	25.4	25.3	52.5
57	64.8	16.1	33.5#
42	0.0	4.2	8.8#

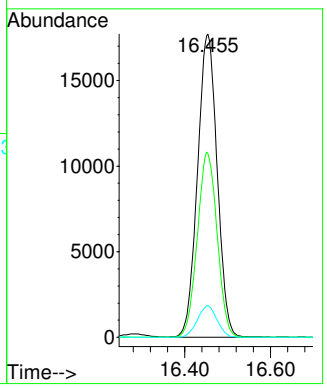


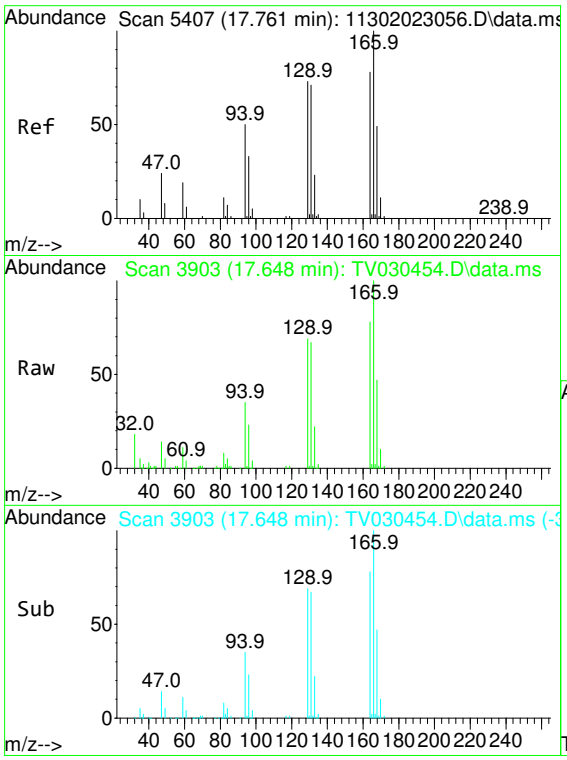


#47
Toluene
Concen: 0.42 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 91 Resp: 56349

Ion	Ratio	Lower	Upper
91	100		
92	61.2	39.0	81.0
65	10.4	7.7	16.1

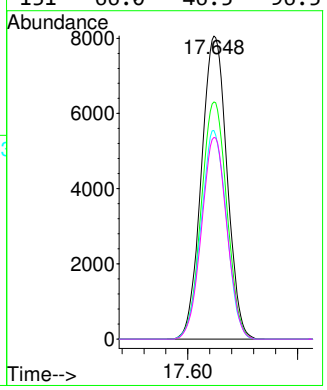


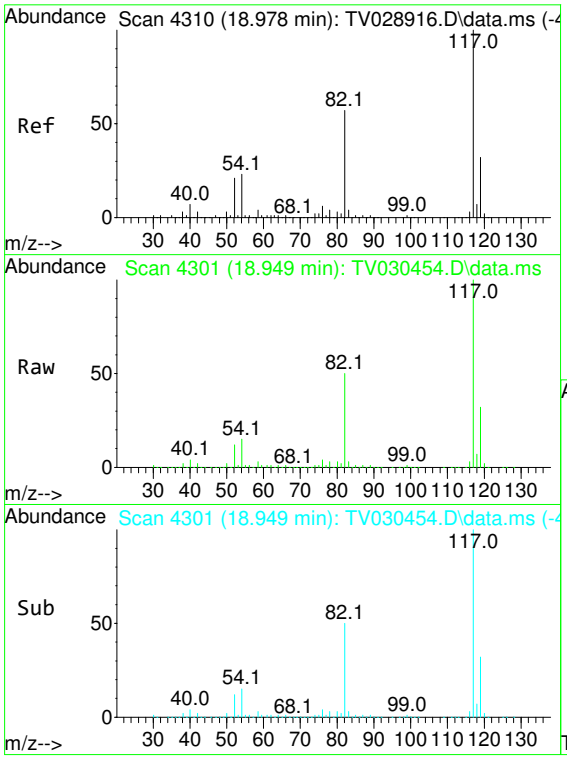


#52
Tetrachloroethylene
Concen: 0.43 ppbv
RT: 17.648 min Scan# 3903
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:166 Resp: 26033

Ion	Ratio	Lower	Upper
166	100		
164	78.2	51.4	106.8
129	68.3	47.0	97.6
131	66.0	46.5	96.5

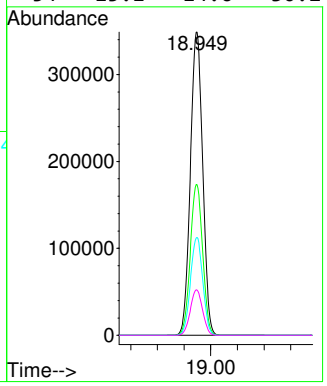


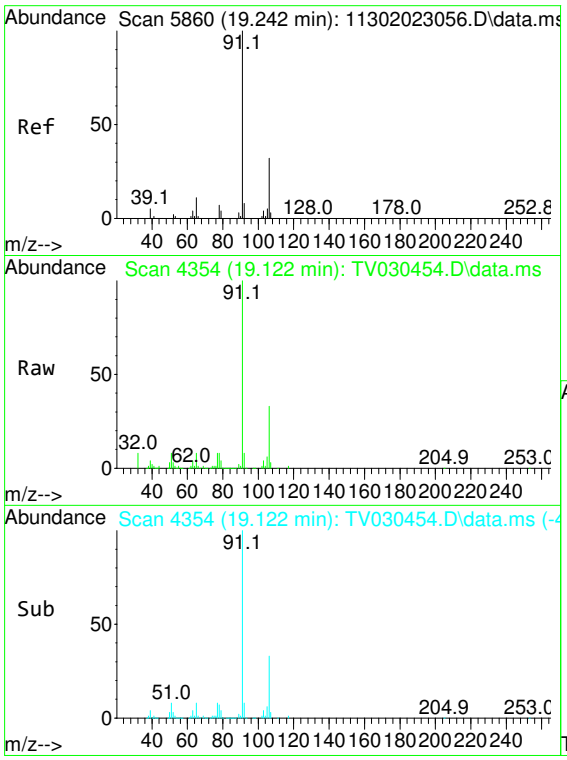


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.949 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:117 Resp: 1115798

Ion	Ratio	Lower	Upper
117	100		
82	49.9	38.7	80.5
119	32.3	20.3	42.3
54	15.1	14.6	30.2

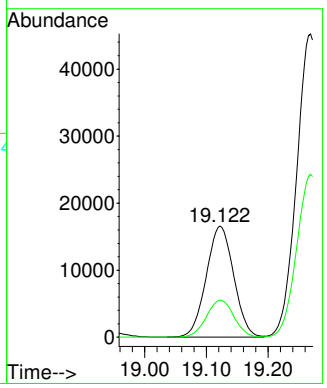


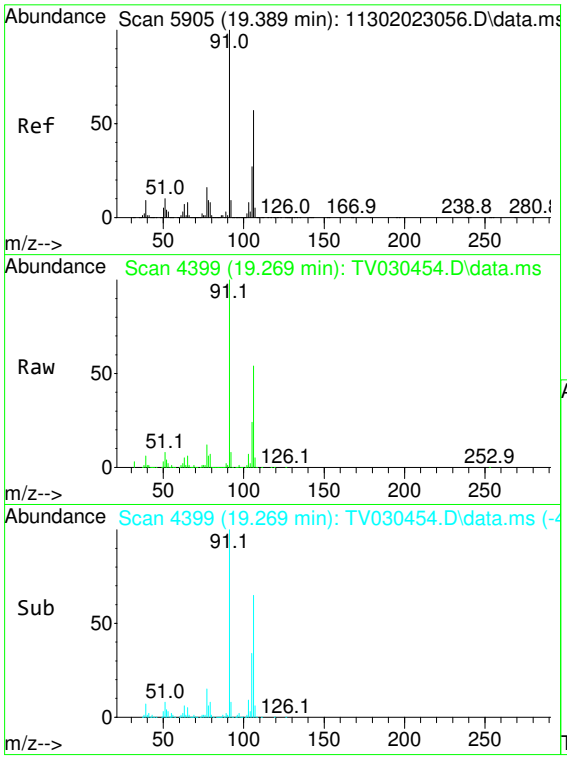


#58
Ethylbenzene
Concen: 0.32 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 91 Resp: 51274

Ion	Ratio	Lower	Upper
91	100		
106	33.5	20.3	42.3

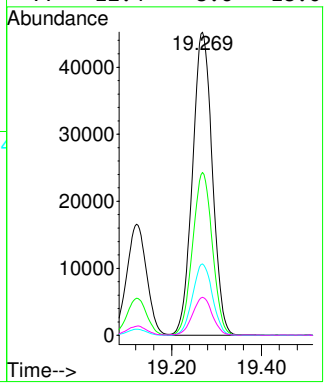


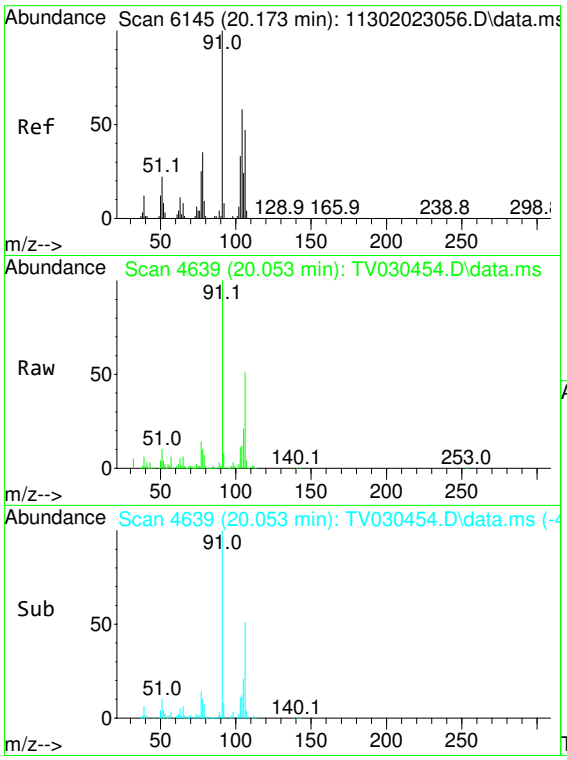


#59
p- & m-Xylenes
Concen: 1.12 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 91 Resp: 138415

Ion	Ratio	Lower	Upper
91	100		
106	53.8	31.0	64.4
105	23.7	13.4	27.8
77	12.4	8.6	18.0

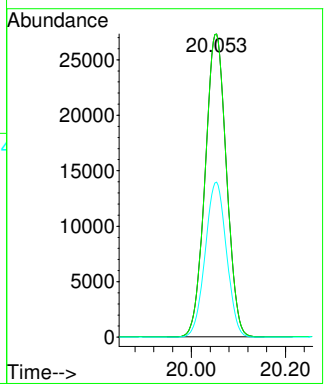


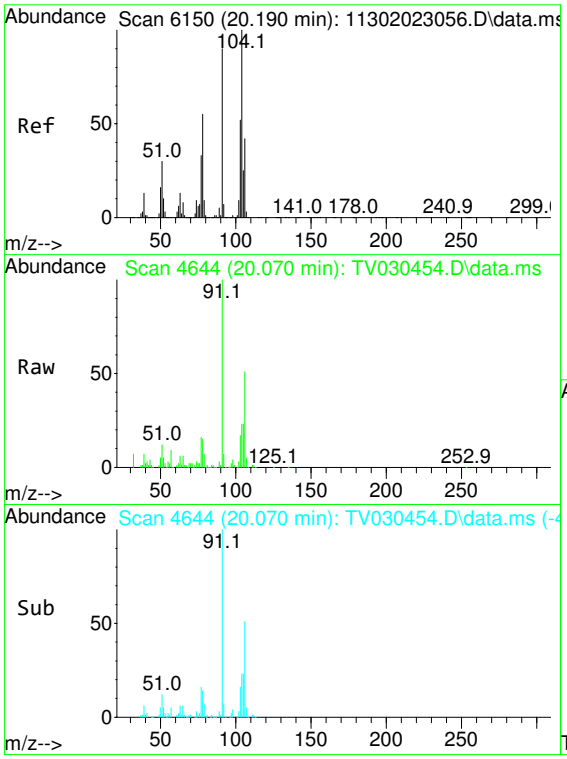


#60
o-Xylene
Concen: 0.67 ppbv
RT: 20.053 min Scan# 4639
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 91 Resp: 85800

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	51.1	36.9	55.3

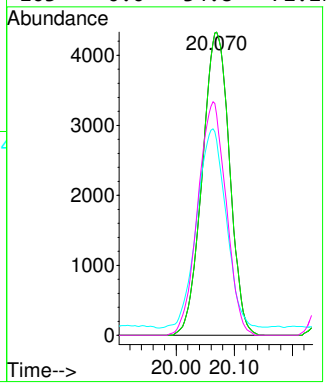


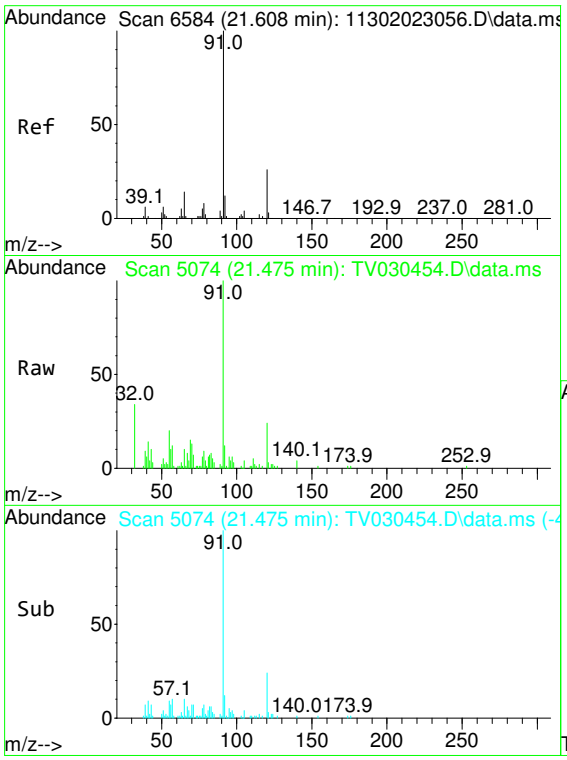


#61
Styrene
Concen: 0.14 ppbv
RT: 20.070 min Scan# 4644
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:104 Resp: 14113

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

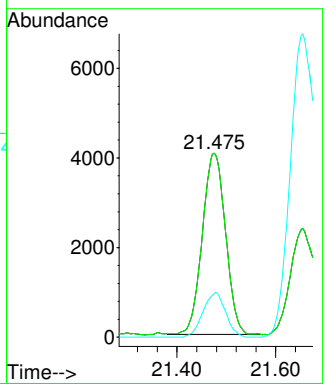


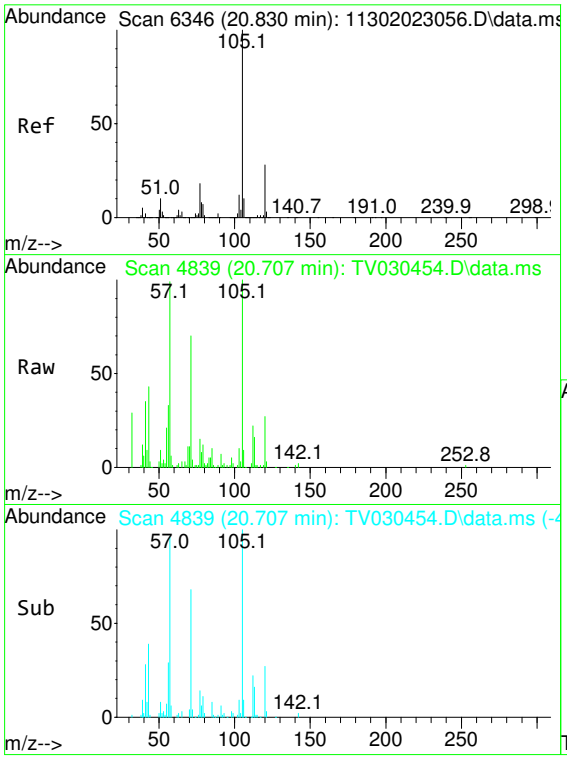


#63
n-Propylbenzene
Concen: 0.06 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 91 Resp: 13227

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.0	11.0	33.0

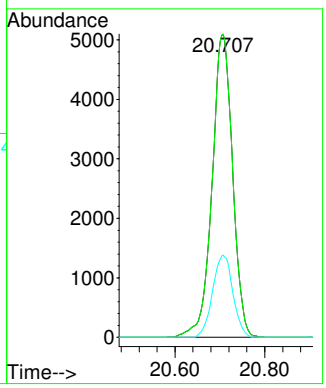


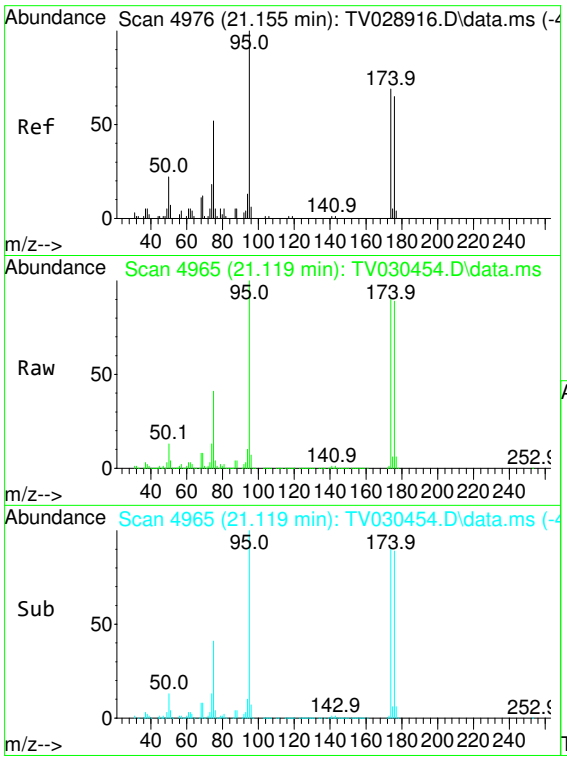


#64
Isopropylbenzene
Concen: 0.09 ppbv
RT: 20.707 min Scan# 4839
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:105 Resp: 16175

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	26.8	13.1	39.1

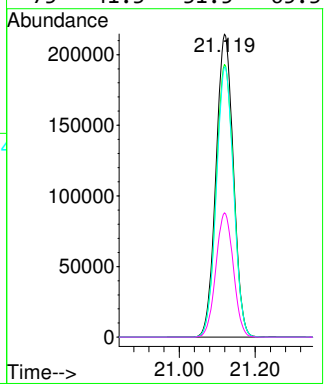


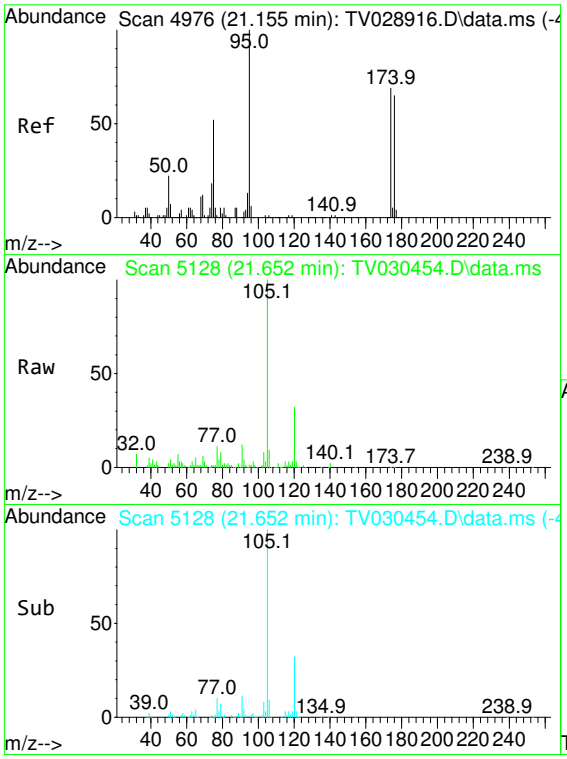


#66
p-Bromofluorobenzene
Concen: 0.34 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion: 95 Resp: 684351

Ion	Ratio	Lower	Upper
95	100		
174	90.5	50.0	103.8
176	88.2	48.2	100.2
75	41.3	31.5	65.3

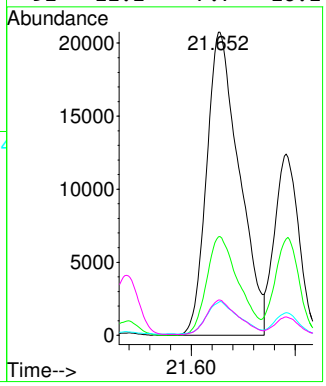


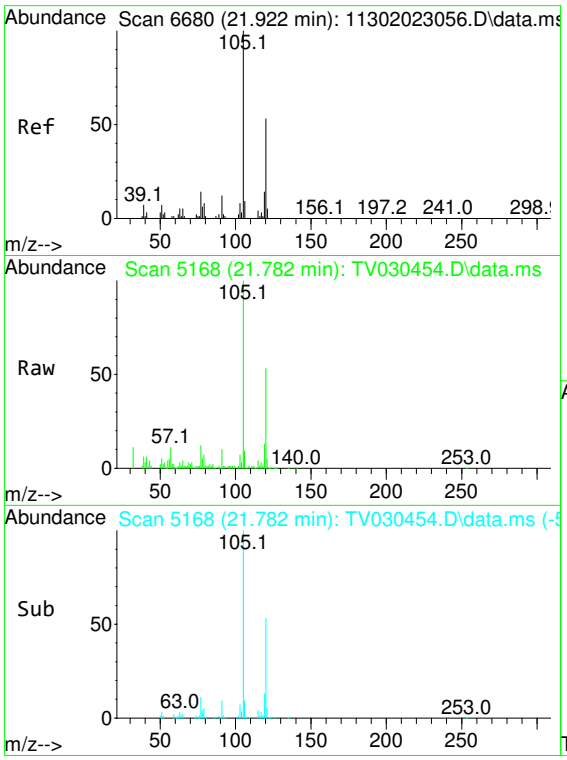


#67
4-Ethyltoluene
Concen: 0.51 ppbv
RT: 21.652 min Scan# 5128
Delta R.T. -0.059 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:105 Resp: 90396

Ion	Ratio	Lower	Upper
105	100		
120	31.9	17.2	35.6
77	10.7	7.6	15.8
91	11.1	7.7	16.1

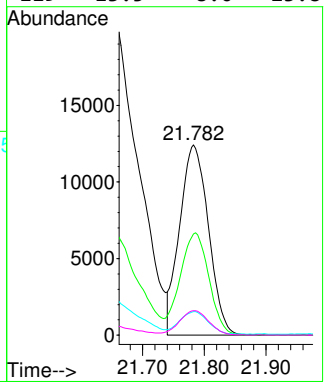


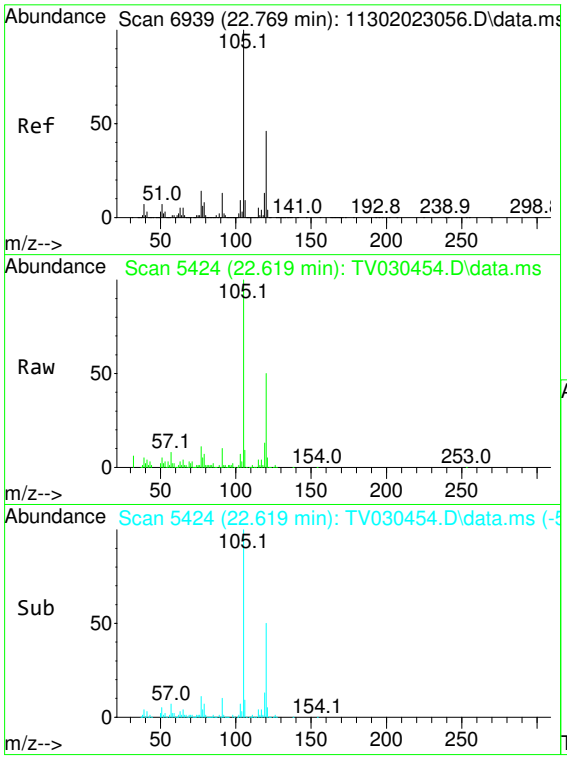


#68
1,3,5-Trimethylbenzene
Concen: 0.27 ppbv
RT: 21.782 min Scan# 5168
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:105 Resp: 40253

Ion	Ratio	Lower	Upper
105	100		
120	55.0	43.4	65.2
77	11.6	10.8	16.2
119	13.5	8.0	23.8

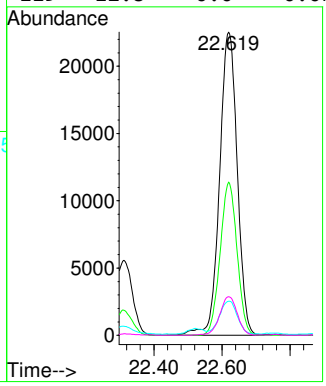


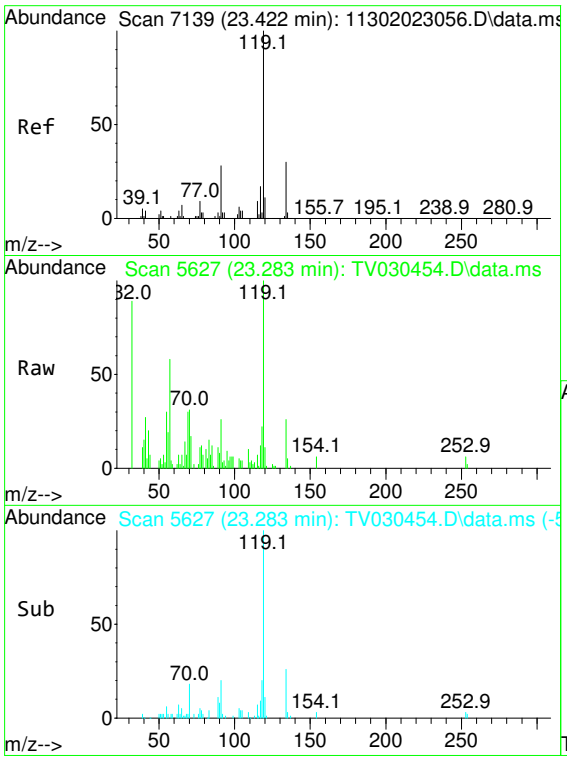


#70
1,2,4-Trimethylbenzene
Concen: 0.53 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:105 Resp: 81176

Ion	Ratio	Lower	Upper
105	100		
120	48.4	29.0	60.2
77	10.9	8.2	17.0
119	12.8	0.0	0.0#

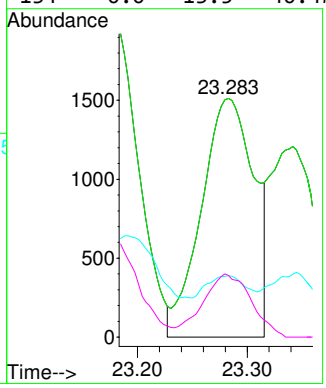


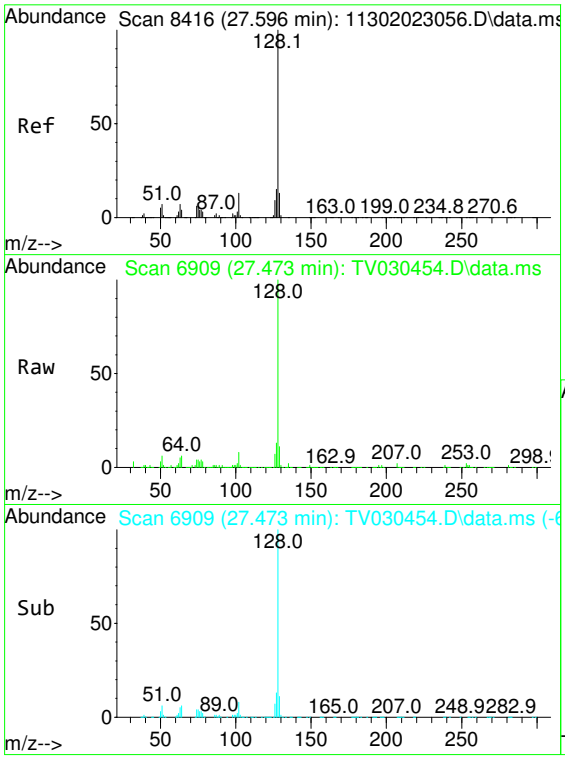


#72
p-Isopropyltoluene
Concen: 0.03 ppbv
RT: 23.283 min Scan# 5627
Delta R.T. -0.013 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:119 Resp: 5034

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	0.0	13.5	40.4#

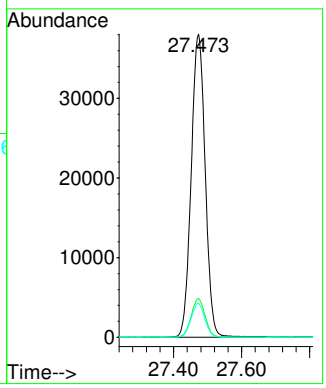




#80
Naphthalene
Concen: 0.64 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030454.D
Acq: 22 Apr 2025 12:35 am

Tgt Ion:128 Resp: 108924

Ion	Ratio	Lower	Upper
128	100		
127	12.5	8.1	16.9
129	11.0	7.3	15.1



DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Laboratory ID: BD51581-DUP1
Batch: BD51581
Lab Source ID: 25C1721-01
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL
Source Sample Name: SSV-1 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
1,1,1,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,1-Trichloroethane	25	ND		ND				EPA TO-15
1,1,2,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	ND		ND				EPA TO-15
1,1,2-Trichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethylene	25	ND		ND				EPA TO-15
1,2,4-Trichlorobenzene	25	ND		ND				EPA TO-15
1,2,4-Trimethylbenzene	25	2.02		2.1		3.92		EPA TO-15
1,2-Dibromoethane	25	ND		ND				EPA TO-15
1,2-Dichlorobenzene	25	ND		ND				EPA TO-15
1,2-Dichloroethane	25	ND		ND				EPA TO-15
1,2-Dichloropropane	25	ND		ND				EPA TO-15
1,2-Dichlorotetrafluoroethane	25	ND		ND				EPA TO-15
1,3,5-Trimethylbenzene	25	ND		ND				EPA TO-15
1,3-Butadiene	25	ND		ND				EPA TO-15
1,3-Dichlorobenzene	25	ND		ND				EPA TO-15
1,3-Dichloropropane	25	ND		ND				EPA TO-15
1,4-Dichlorobenzene	25	ND		ND				EPA TO-15
1,4-Dioxane	25	ND		ND				EPA TO-15
2,2,4-Trimethylpentane	25	ND		1.4				EPA TO-15
2-Butanone	25	4.41		4.1		6.82		EPA TO-15
2-Hexanone	25	ND		ND				EPA TO-15
3-Chloropropene	25	ND		ND				EPA TO-15
4-Methyl-2-pentanone	25	7.82		20		87.7	*	EPA TO-15
Acetone	25	25.0		27		7.80		EPA TO-15

DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Laboratory ID: BD51581-DUP1
Batch: BD51581
Lab Source ID: 25C1721-01
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL
Source Sample Name: SSV-1 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Acrylonitrile	25	ND		ND				EPA TO-15
Benzene	25	0.893		0.84		6.06		EPA TO-15
Benzyl chloride	25	ND		ND				EPA TO-15
Bromochloromethane		10.0		10				EPA TO-15
Bromodichloromethane	25	ND		ND				EPA TO-15
Bromoform	25	ND		ND				EPA TO-15
Bromomethane	25	ND		ND				EPA TO-15
Carbon disulfide	25	ND		ND				EPA TO-15
Carbon tetrachloride	25	0.828		0.83		0.00		EPA TO-15
Chlorobenzene	25	ND		ND				EPA TO-15
Chloroethane	25	ND		ND				EPA TO-15
Chloroform	25	ND		ND				EPA TO-15
Chloromethane	25	1.26		1.2		5.56		EPA TO-15
cis-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
cis-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Cyclohexane	25	ND		ND				EPA TO-15
Dibromochloromethane	25	ND		ND				EPA TO-15
Dichlorodifluoromethane	25	3.74		3.7		0.00		EPA TO-15
Ethyl acetate	25	20.2		28		33.1	*	EPA TO-15
Ethyl Benzene	25	5.00		6.9		31.3	*	EPA TO-15
Hexachlorobutadiene	25	ND		ND				EPA TO-15
Isopropanol	25	18.5		28		41.0	*	EPA TO-15
ISTD: 1,4-Difluorobenzene		10.0		10				EPA TO-15
ISTD: d5-Chlorobenzene		10.0		10				EPA TO-15
Methyl Methacrylate	25	ND		ND				EPA TO-15
Methyl tert-butyl ether (MTBE)	25	ND		ND				EPA TO-15

DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Laboratory ID: BD51581-DUP1
Batch: BD51581
Lab Source ID: 25C1721-01
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL
Source Sample Name: SSV-1 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Methylene chloride	25	ND		ND				EPA TO-15
Naphthalene	25	ND		ND				EPA TO-15
n-Heptane	25	0.876		1.0		14.3		EPA TO-15
n-Hexane	25	0.870		0.81		6.90		EPA TO-15
o-Xylene	25	3.43		5.3		42.6	*	EPA TO-15
p- & m- Xylenes	25	13.5		21		42.8	*	EPA TO-15
p-Ethyltoluene	25	1.86		1.9		0.00		EPA TO-15
Propylene	25	0.708		0.71		0.00		EPA TO-15
Styrene	25	ND		ND				EPA TO-15
Tetrachloroethylene	25	1.12		1.2				EPA TO-15
Tetrahydrofuran	25	ND		ND				EPA TO-15
Toluene	25	85.5		180		68.8	*	EPA TO-15
trans-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
trans-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Trichloroethylene	25	ND		ND				EPA TO-15
Trichlorofluoromethane (Freon 11)	25	1.94		1.9		0.00		EPA TO-15
Vinyl acetate	25	ND		ND				EPA TO-15
Vinyl bromide	25	ND		ND				EPA TO-15
Vinyl Chloride	25	ND		ND				EPA TO-15

* Values outside of QC limits

DUPLICATE RAW DATA

SDG: 25C1721
CLASS: AIR
METHOD: EPA TO-15

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030444.D
Acq On : 21 Apr 2025 02:19 pm
Operator : YR
Sample : BD51581-DUP1
Misc : QBTO3032725A 1X 25C1721-01
ALS Vial : 10 Sample Multiplier: 1.645
InstName : TO15_AIR3

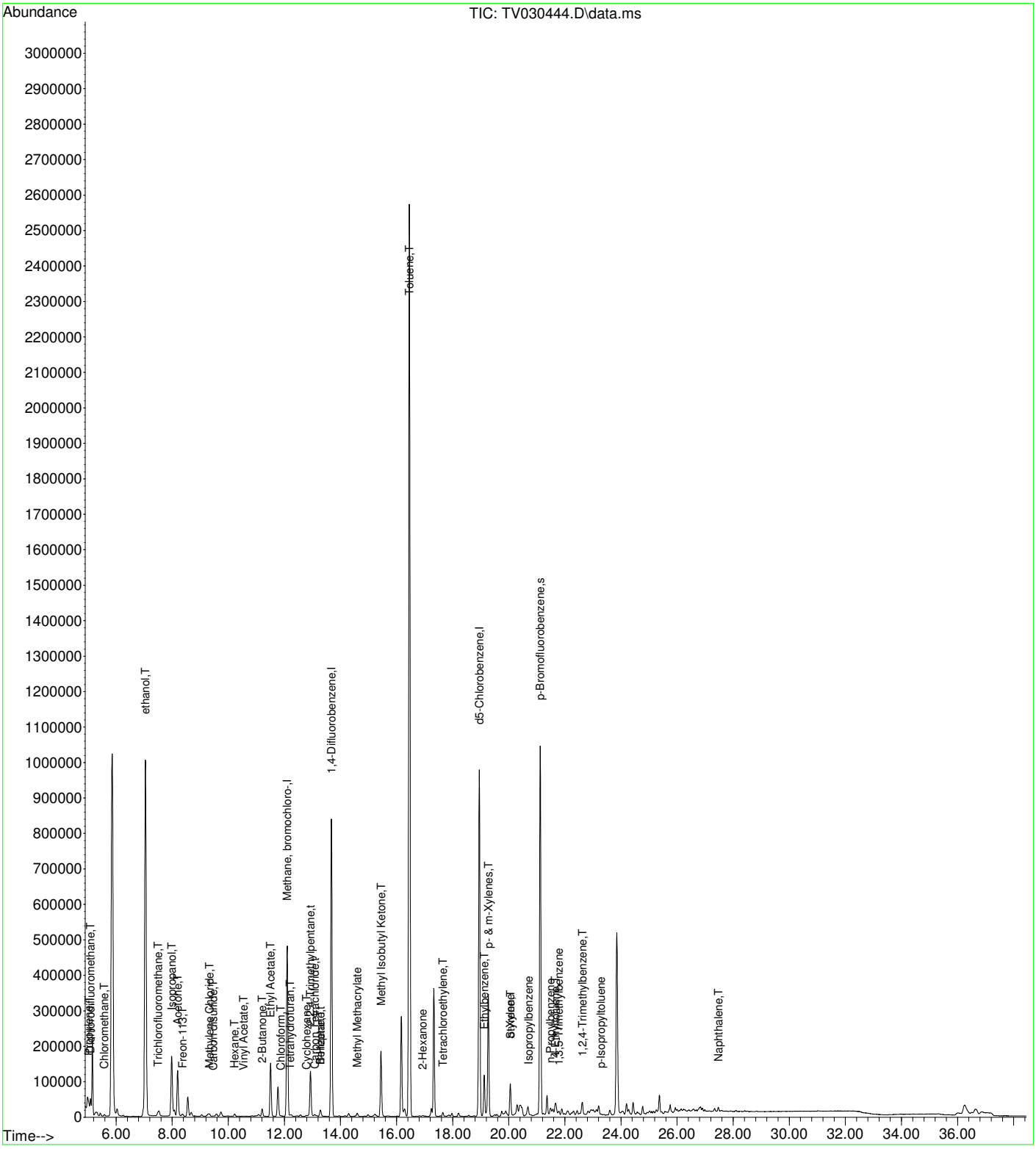
Quant Time: Apr 21 15:04:02 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

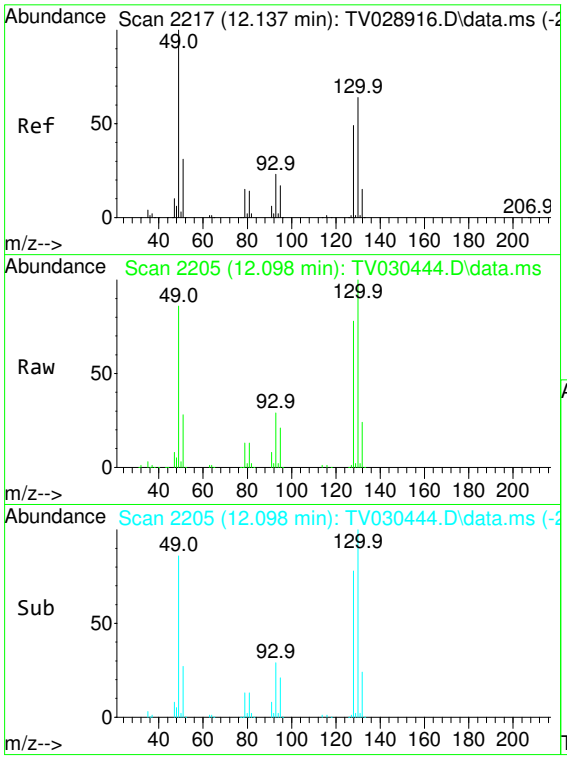
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.098	49	315489	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1334842	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.949	117	1175085	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	727109	0.34	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#		
Target Compounds						Qvalue
2) Propylene	5.021	42	3307	0.25	ppbv	# 40
3) Dichlorodifluoromethane	5.090	85	33045	0.46	ppbv	99
5) Chloromethane	5.580	50	7446	0.35	ppbv	99
10) ethanol	7.044	45	1239382	93.36	ppbv	88
12) Trichlorofluoromethane	7.489	101	14582	0.21	ppbv	99
13) Isopropanol	7.979	45	389094	6.93	ppbv	100
15) Acetone	8.191	43	261688	6.93	ppbv	# 80
16) Freon-113	8.365	101	4274	0.07	ppbv	90
19) Methylene Chloride	9.332	49	5241	0.18	ppbv	# 68
21) Carbon disulfide	9.466	76	2581	0.03	ppbv	# 67
24) Hexane	10.221	57	6134	0.14	ppbv	91
25) Vinyl Acetate	10.542	43	1258	0.02	ppbv	# 98
27) 2-Butanone	11.205	43	42036	0.85	ppbv	# 83
28) Ethyl Acetate	11.506	43	271364	4.75	ppbv	# 93
30) Chloroform	11.869	83	1426	0.02	ppbv	# 86
31) Tetrahydrofuran	12.202	42	3600	0.13	ppbv	# 82
33) Cyclohexane	12.781	56	2742	0.06	ppbv	92
34) 2,2,4-Trimethylpentane	12.928	57	23358	0.18	ppbv	# 1
35) Carbon Tetrachloride	13.078	117	4592	0.08	ppbv	# 58
37) Benzene	13.278	78	15160	0.16	ppbv	# 100
38) n-Heptane	13.291	43	6374	0.15	ppbv	# 85
42) Methyl Methacrylate	14.595	69	1910	0.05	ppbv	# 40
45) Methyl Isobutyl Ketone	15.445	43	202585	2.97	ppbv	87
47) Toluene	16.451	91	3860226	28.25	ppbv	98
50) 2-Hexanone	16.925	43	3465m	0.06	ppbv	
52) Tetrachloroethylene	17.648	166	6630	0.11	ppbv	96
58) Ethylbenzene	19.122	91	164014	0.96	ppbv	96
59) p- & m-Xylenes	19.269	91	378984	2.92	ppbv	93
60) o-Xylene	20.050	91	99197	0.74	ppbv	98
61) Styrene	20.057	104	4365	0.04	ppbv	# 74
63) n-Propylbenzene	21.475	91	19378	0.09	ppbv	99
64) Isopropylbenzene	20.704	105	4156	0.02	ppbv	99
67) 4-Ethyltoluene	21.655	105	43850	0.23	ppbv	93
68) 1,3,5-Trimethylbenzene	21.779	105	10074	0.06	ppbv	98
70) 1,2,4-Trimethylbenzene	22.619	105	41625	0.26	ppbv	# 93
72) p-Isopropyltoluene	23.280	119	4194	0.02	ppbv	# 100
80) Naphthalene	27.473	128	17500	0.10	ppbv	99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030444.D
Acq On : 21 Apr 2025 02:19 pm
Operator : YR
Sample : BD51581-DUP1
Misc : QBTO3032725A 1X 25C1721-01
ALS Vial : 10 Sample Multiplier: 1.645
InstName : TO15_AIR3

Quant Time: Apr 21 15:04:02 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

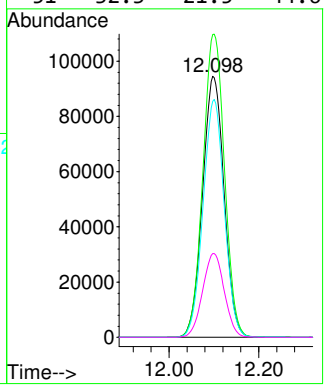


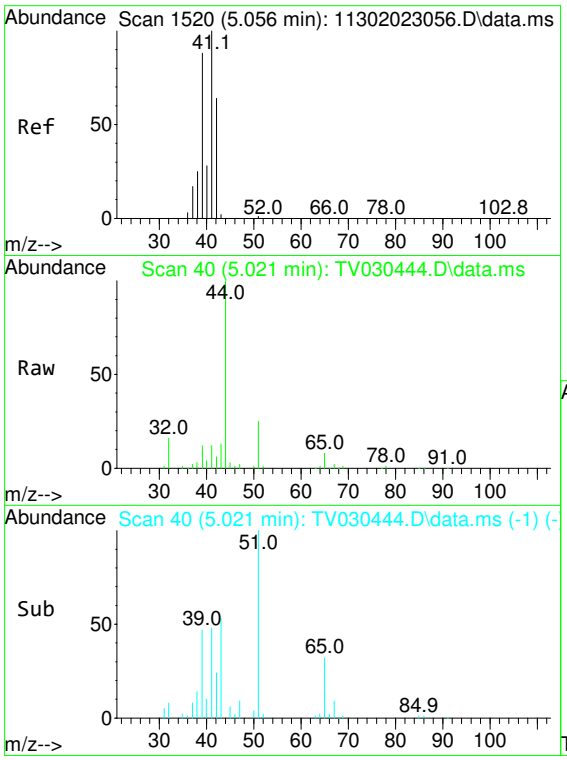


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.098 min Scan# 2205
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 49 Resp: 315489

Ion	Ratio	Lower	Upper
49	100		
130	116.4	44.5	92.3#
128	89.8	34.7	72.1#
51	32.3	21.5	44.6

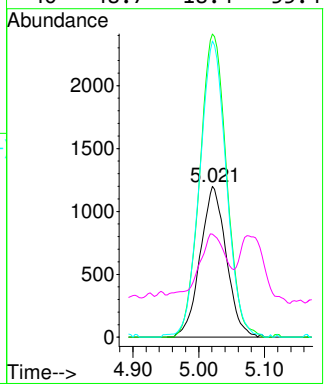


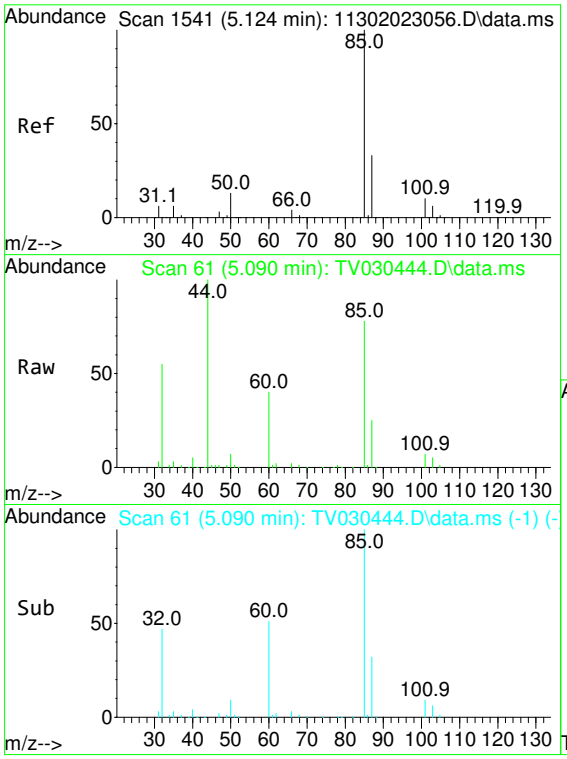


#2
Propylene
Concen: 0.25 ppbv
RT: 5.021 min Scan# 40
Delta R.T. -0.020 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 42 Resp: 3307

Ion	Ratio	Lower	Upper
42	100		
41	206.5	88.9	207.5
39	201.1	52.2	156.6#
40	48.7	18.4	55.4

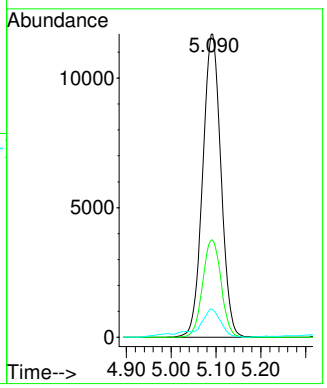


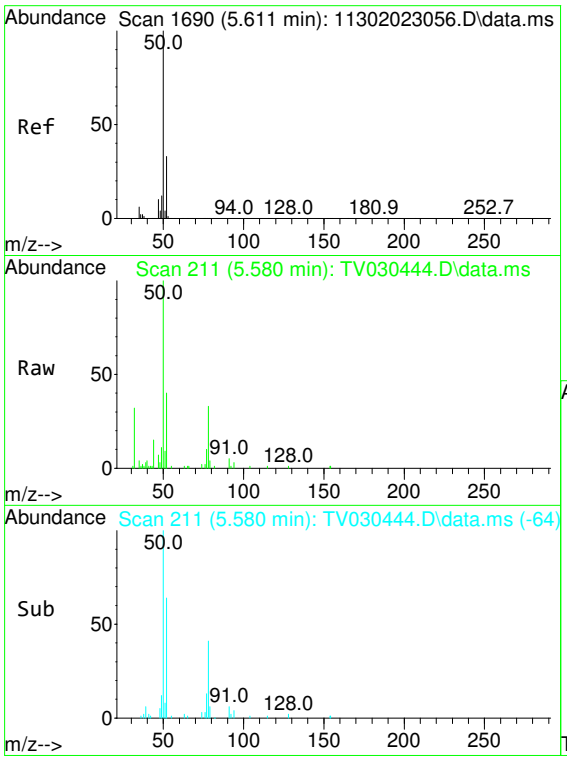


#3
Dichlorodifluoromethane
Concen: 0.46 ppbv
RT: 5.090 min Scan# 61
Delta R.T. -0.023 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 85 Resp: 33045

Ion	Ratio	Lower	Upper
85	100		
87	32.6	21.0	43.6
50	12.2	6.8	14.2

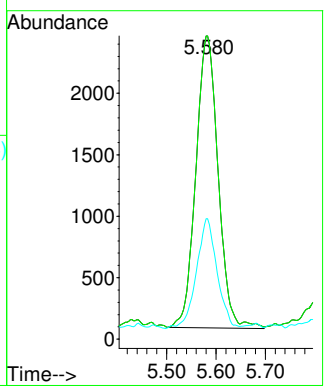


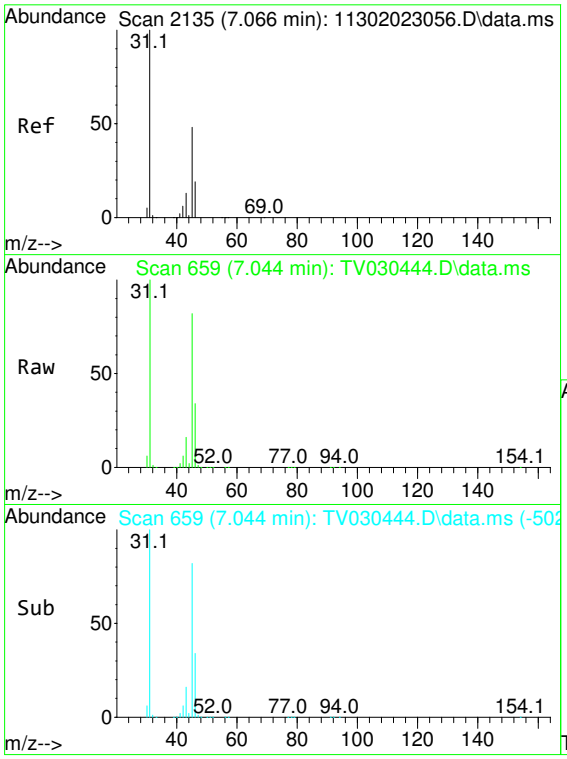


#5
Chloromethane
Concen: 0.35 ppbv
RT: 5.580 min Scan# 211
Delta R.T. -0.020 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 50 Resp: 7446

Ion	Ratio	Lower	Upper
50	100		
50	100.0	65.0	135.0
52	34.4	16.5	49.5

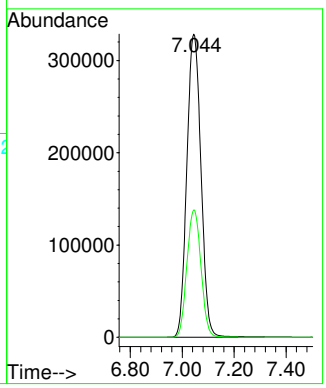


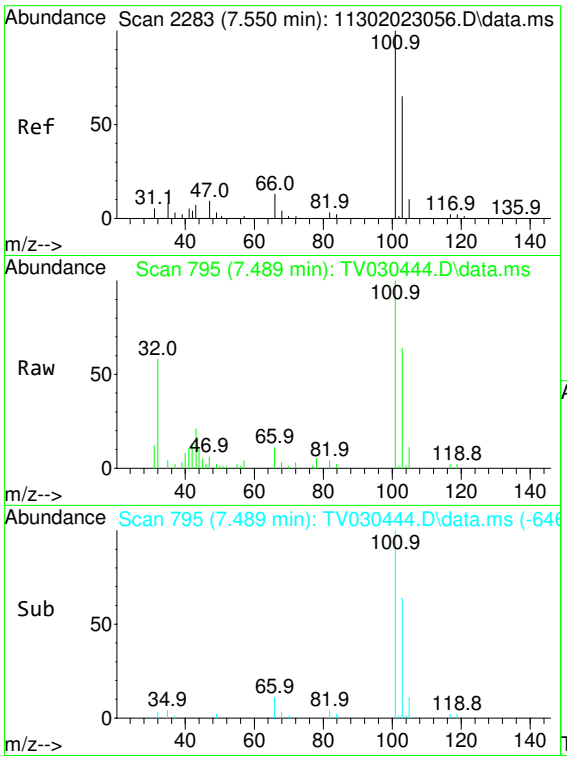


#10
ethanol
Concen: 93.36 ppbv
RT: 7.044 min Scan# 659
Delta R.T. 0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 45 Resp: 1239382

Ion	Ratio	Lower	Upper
45	100		
46	42.1	40.0	60.0

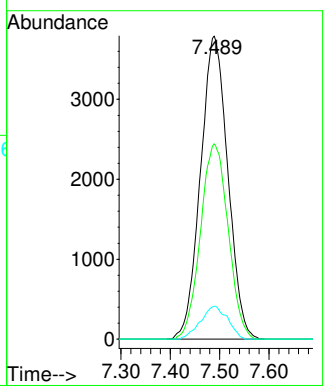


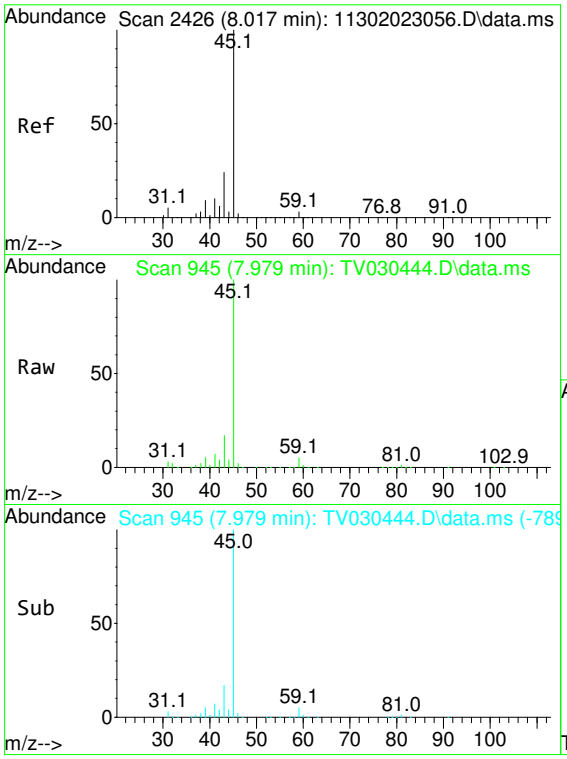


#12
Trichlorofluoromethane
Concen: 0.21 ppbv
RT: 7.489 min Scan# 795
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:101 Resp: 14582

Ion	Ratio	Lower	Upper
101	100		
103	65.1	42.4	88.0
66	10.8	7.9	16.5

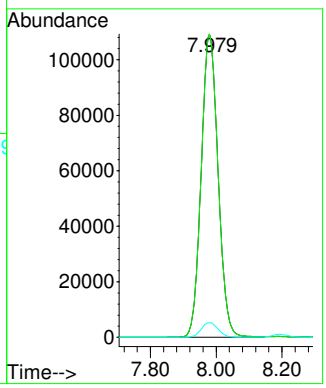


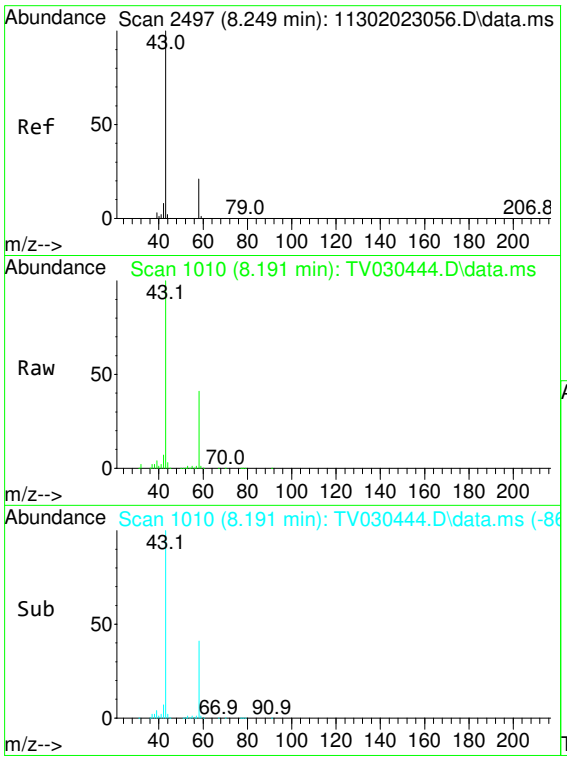


#13
Isopropanol
Concen: 6.93 ppbv
RT: 7.979 min Scan# 945
Delta R.T. 0.010 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 45 Resp: 389094

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.9	0.0	8.4

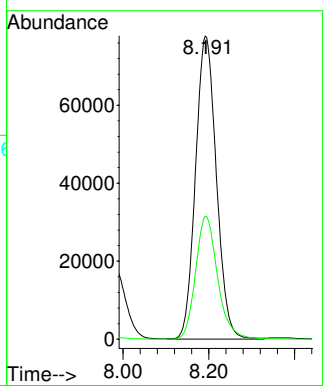


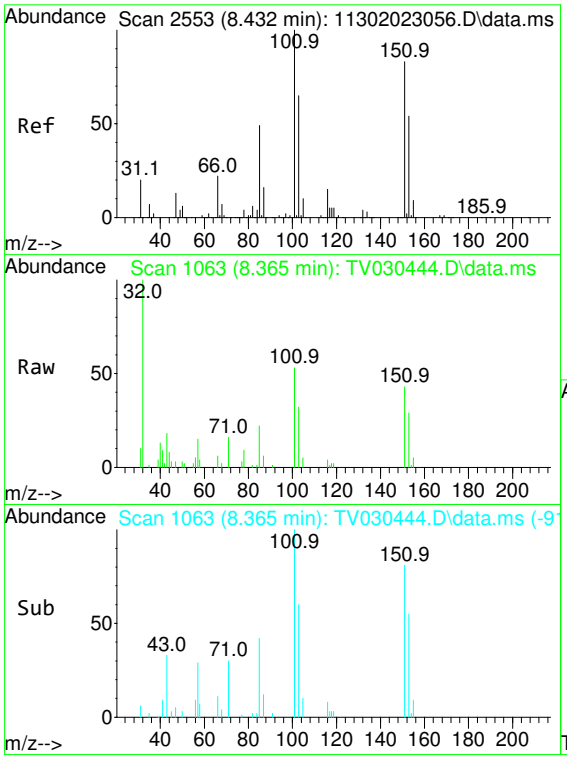


#15
Acetone
Concen: 6.93 ppbv
RT: 8.191 min Scan# 1010
Delta R.T. -0.010 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 261688

Ion	Ratio	Lower	Upper
43	100		
58	43.0	20.7	42.9#

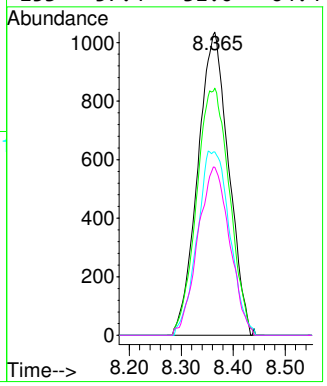


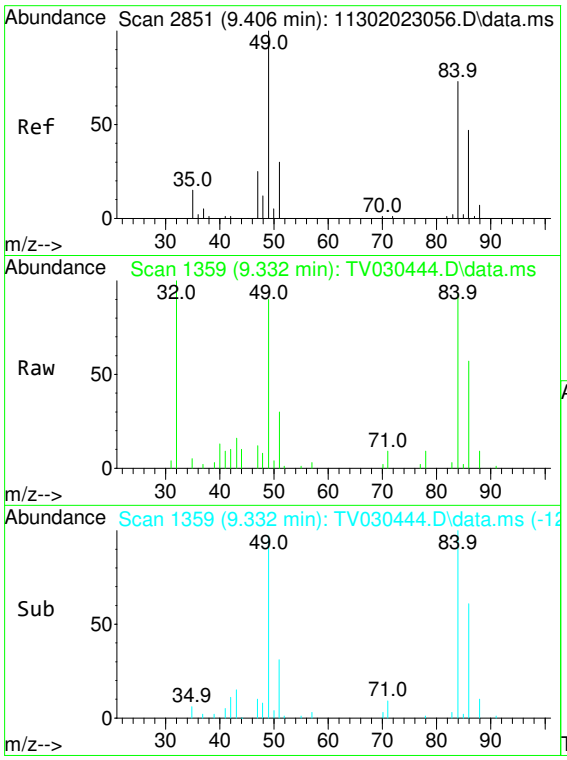


#16
Freon-113
Concen: 0.07 ppbv
RT: 8.365 min Scan# 1063
Delta R.T. -0.007 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:101 Resp: 4274

Ion	Ratio	Lower	Upper
101	100		
151	86.8	48.6	100.8
103	64.0	42.0	87.2
153	57.4	31.0	64.4

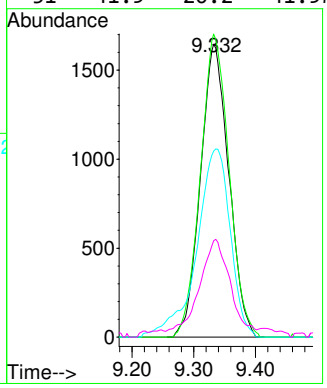


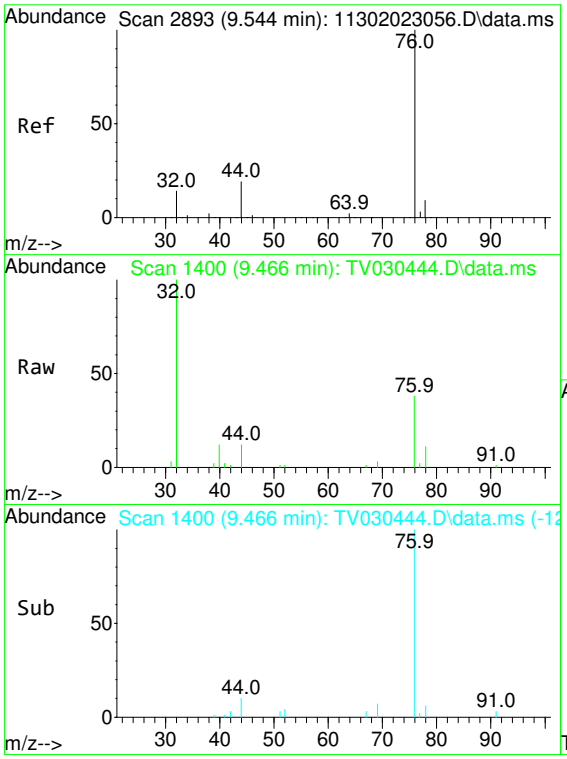


#19
Methylene Chloride
Concen: 0.18 ppbv
RT: 9.332 min Scan# 1359
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 49 Resp: 5241

Ion	Ratio	Lower	Upper
49	100		
84	104.7	50.1	104.0#
86	76.3	32.2	66.8#
51	41.9	20.2	41.9#

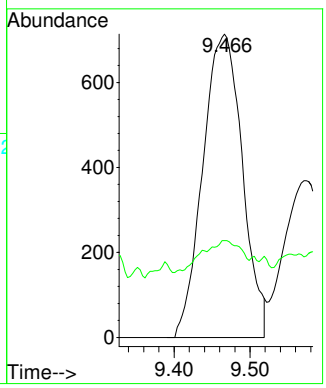


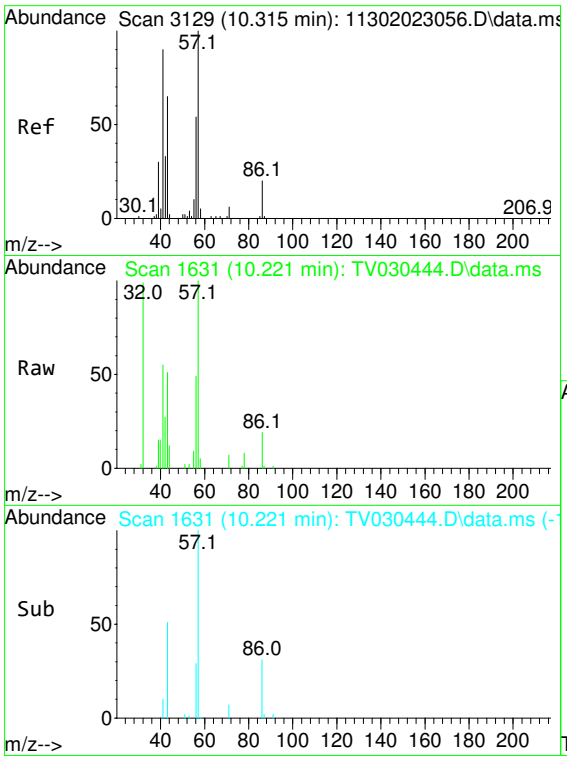


#21
Carbon disulfide
Concen: 0.03 ppbv
RT: 9.466 min Scan# 1400
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 76 Resp: 2581

Ion	Ratio	Lower	Upper
76	100		
44	0.0	8.4	17.4#

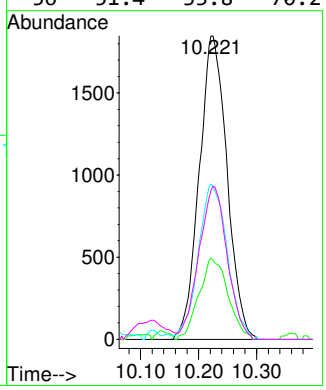


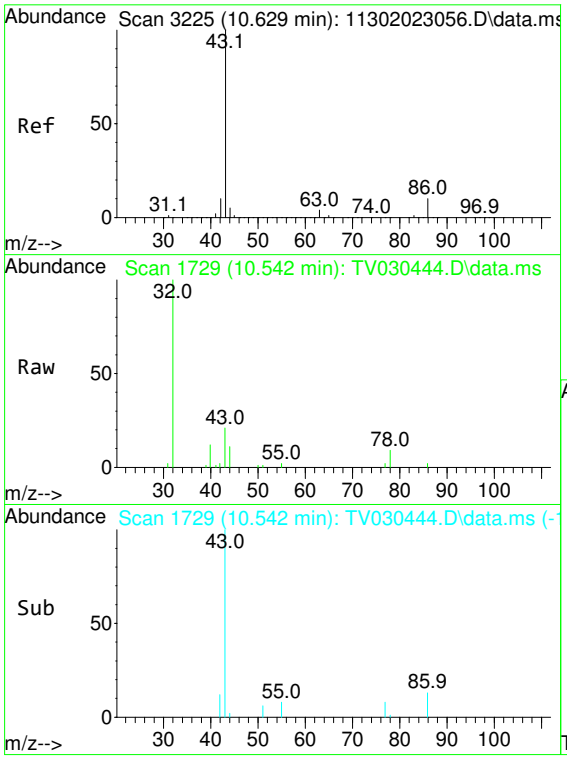


#24
Hexane
Concen: 0.14 ppbv
RT: 10.221 min Scan# 1631
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 57 Resp: 6134

Ion	Ratio	Lower	Upper
57	100		
42	27.9	22.2	46.0
43	53.6	42.9	89.1
56	51.4	33.8	70.2

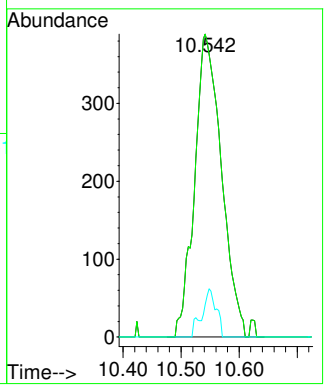


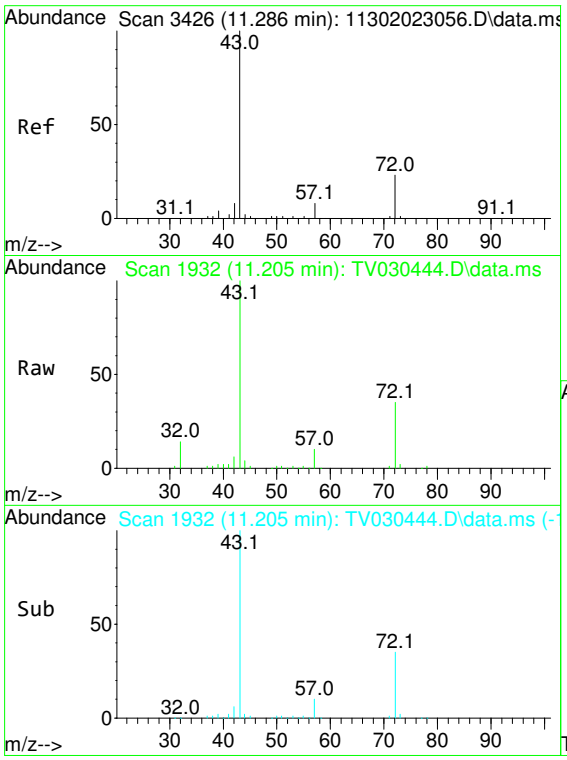


#25
Vinyl Acetate
Concen: 0.02 ppbv
RT: 10.542 min Scan# 1729
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 1258

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
86	0.0	7.4	11.2#

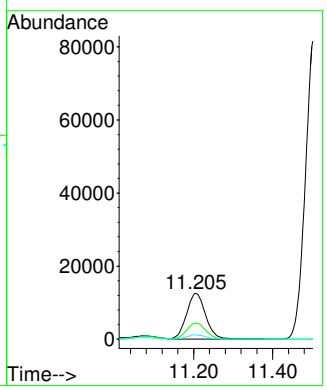


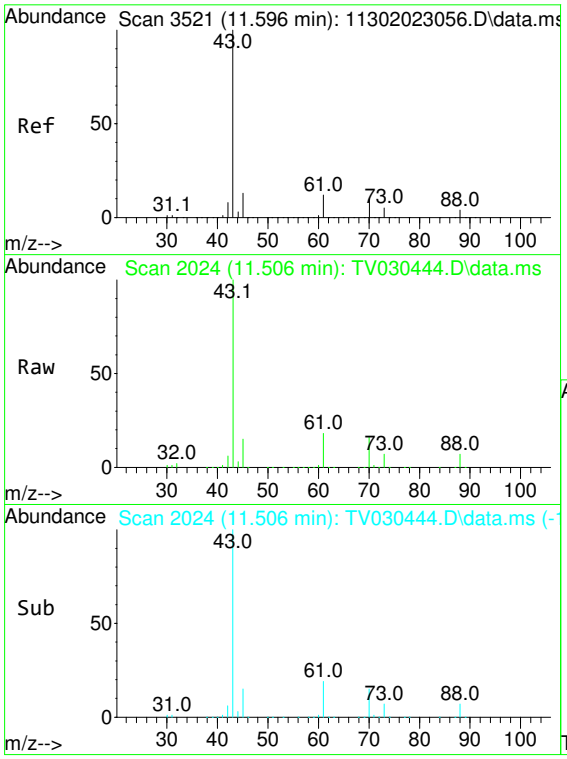


#27
2-Butanone
Concen: 0.85 ppbv
RT: 11.205 min Scan# 1932
Delta R.T. -0.007 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 42036

Ion	Ratio	Lower	Upper
43	100		
72	35.4	16.4	34.2#
57	9.6	5.0	10.4

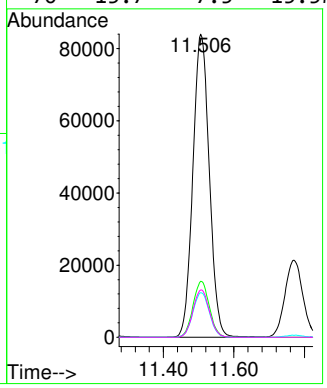


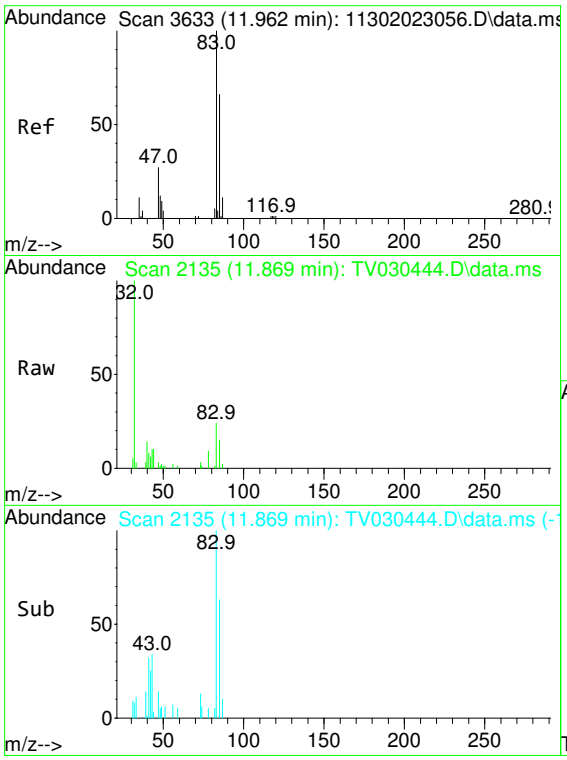


#28
Ethyl Acetate
Concen: 4.75 ppbv
RT: 11.506 min Scan# 2024
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 271364

Ion	Ratio	Lower	Upper
43	100		
61	18.5	9.2	19.2
45	15.0	9.4	19.6
70	15.7	7.5	15.5#

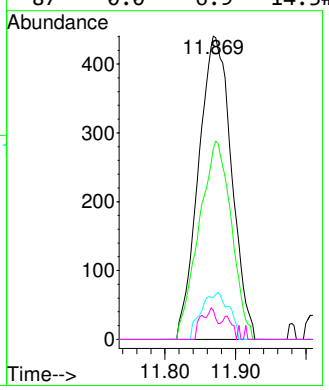


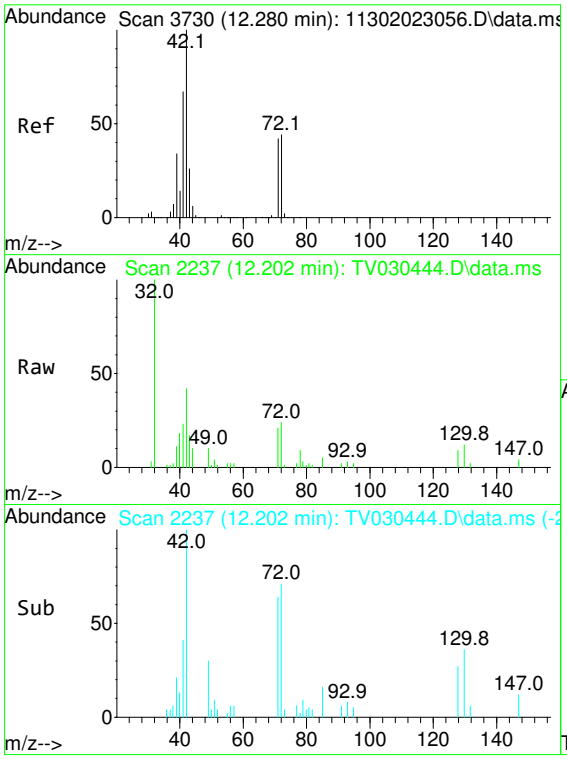


#30
Chloroform
Concen: 0.02 ppbv
RT: 11.869 min Scan# 2135
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 83 Resp: 1426

Ion	Ratio	Lower	Upper
83	100		
85	64.3	42.2	87.6
47	0.0	14.8	30.8#
87	0.0	6.9	14.3#

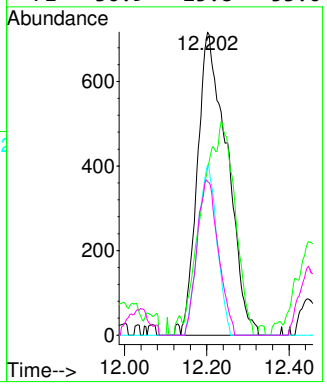


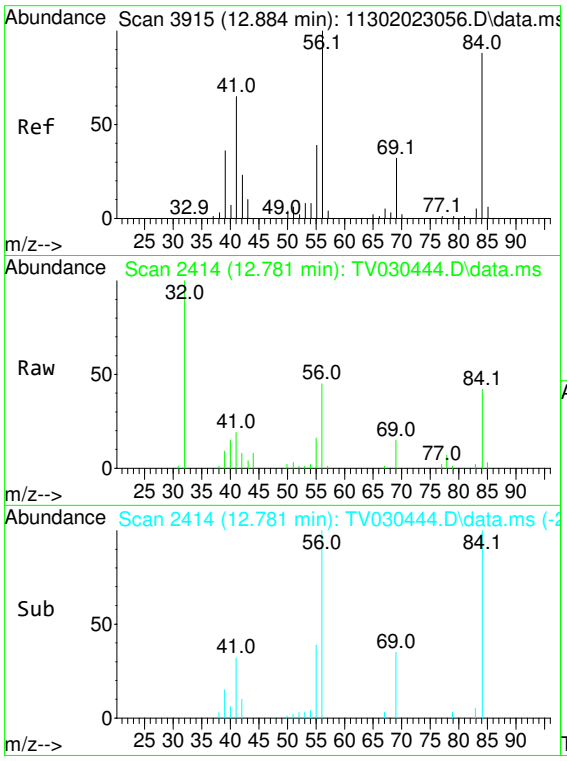


#31
Tetrahydrofuran
Concen: 0.13 ppbv
RT: 12.202 min Scan# 2237
Delta R.T. 0.000 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 42 Resp: 3600

Ion	Ratio	Lower	Upper
42	100		
41	79.0	34.5	71.7#
72	36.5	27.4	56.8
71	36.9	25.8	53.6

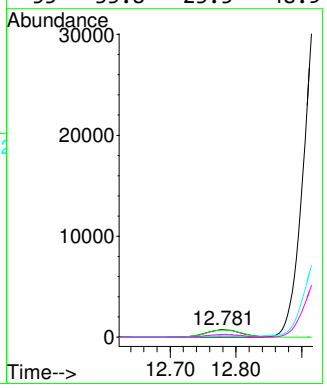


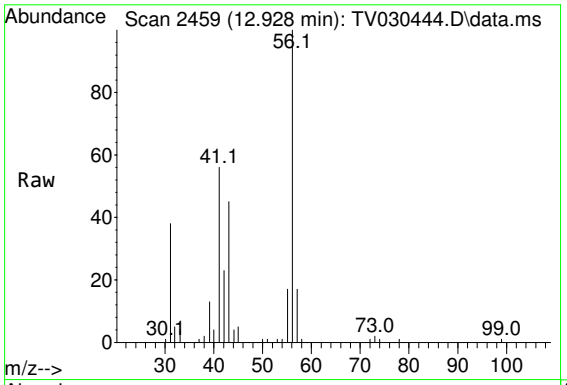


#33
Cyclohexane
Concen: 0.06 ppbv
RT: 12.781 min Scan# 2414
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 56 Resp: 2742

Ion	Ratio	Lower	Upper
56	100		
84	98.2	56.4	117.0
42	20.6	15.3	31.7
55	35.8	23.5	48.9

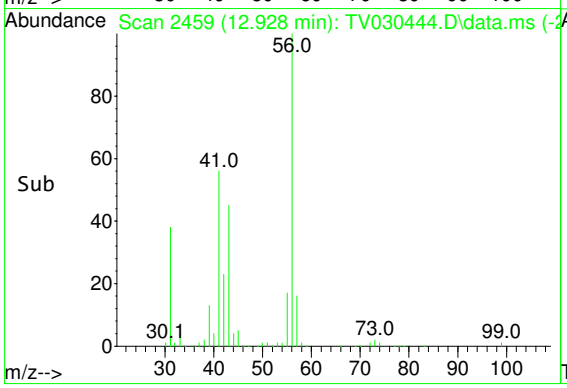


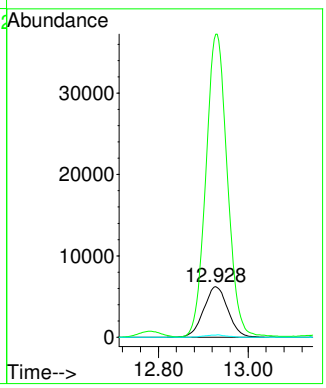


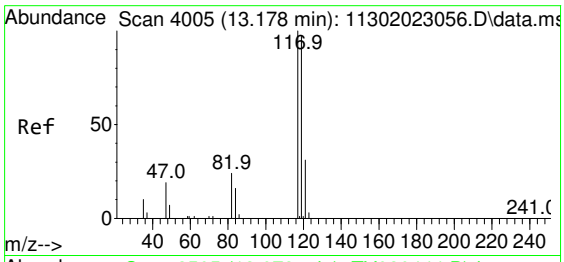
#34
2,2,4-Trimethylpentane
Concen: 0.18 ppbv
RT: 12.928 min Scan# 2459
Delta R.T. -0.010 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

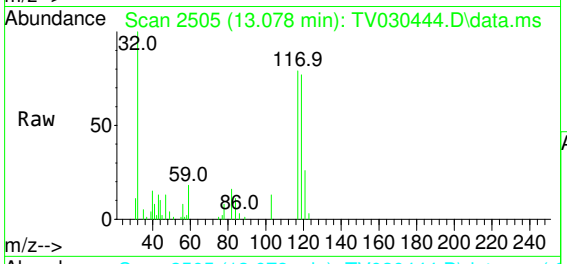
Tgt Ion: 57 Resp: 23358

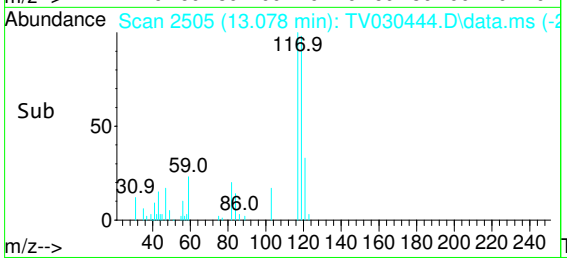
Ion	Ratio	Lower	Upper
57	100		
56	530.1	24.5	45.5#
99	4.5	3.5	6.5







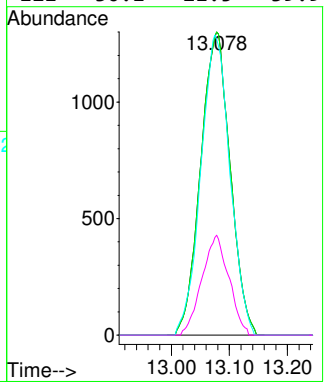


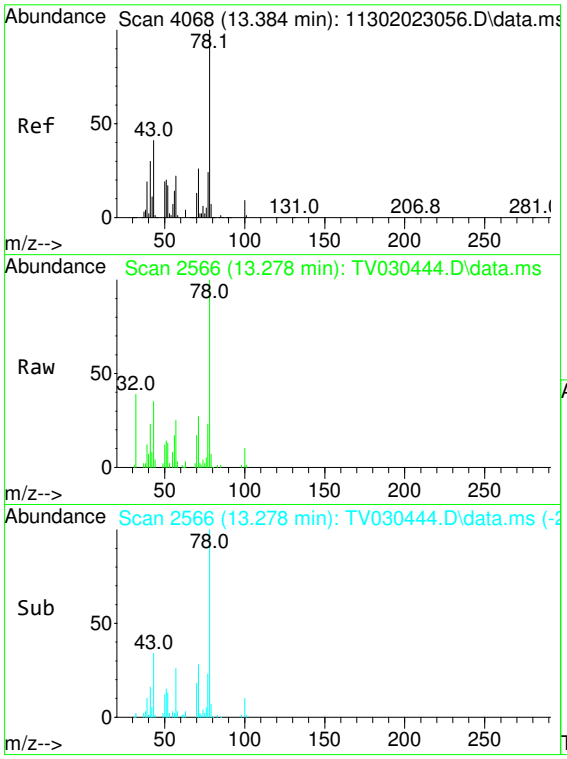


#35
Carbon Tetrachloride
Concen: 0.08 ppbv
RT: 13.078 min Scan# 2505
Delta R.T. -0.010 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:117 Resp: 4592

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
119	0.0	76.5	114.7#
121	30.1	21.5	39.9

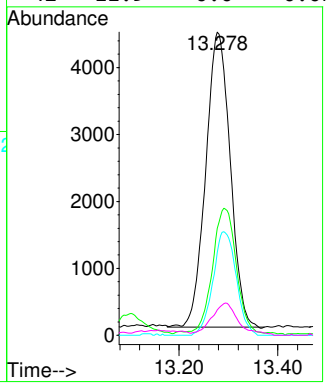


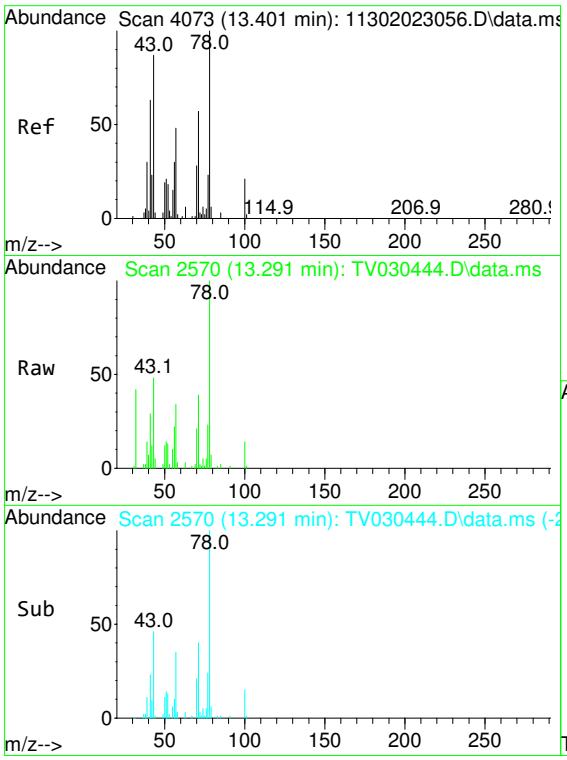


#37
Benzene
Concen: 0.16 ppbv
RT: 13.278 min Scan# 2566
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 78 Resp: 15160

Ion	Ratio	Lower	Upper
78	100		
43	42.0	0.0	0.0#
71	33.3	0.0	0.0#
42	11.9	0.0	0.0#

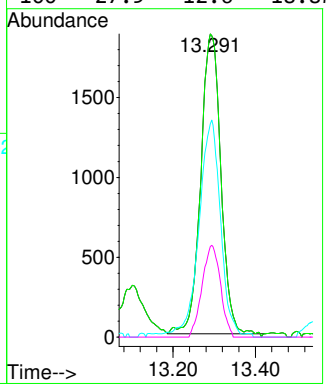


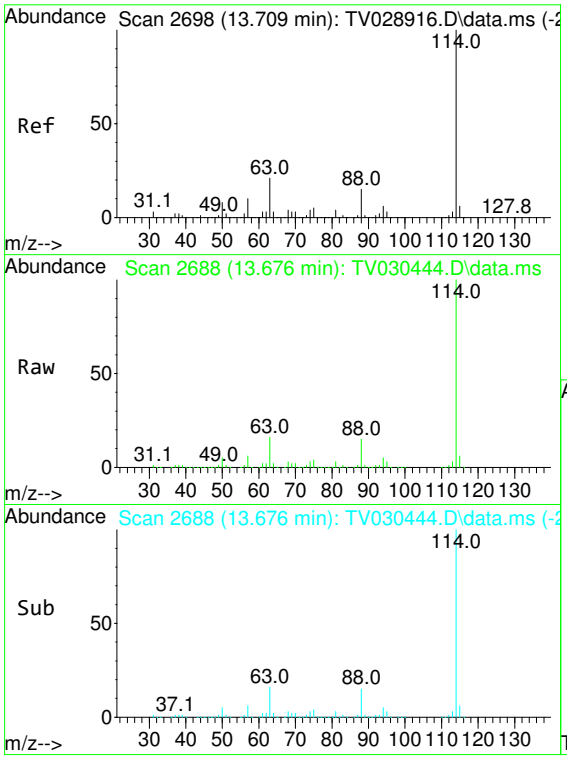


#38
n-Heptane
Concen: 0.15 ppbv
RT: 13.291 min Scan# 2570
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 6374

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
57	78.3	39.8	59.8#
100	27.9	12.6	18.8#

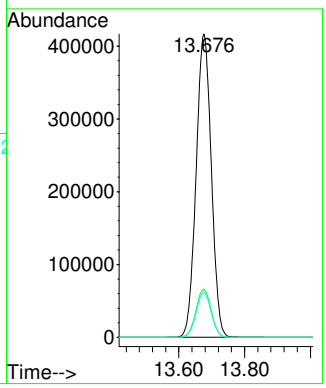


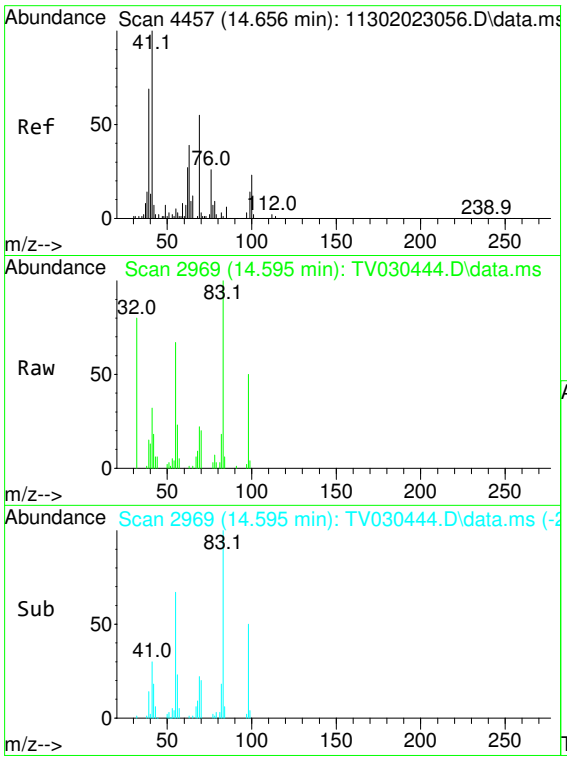


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:114 Resp: 1334842

Ion	Ratio	Lower	Upper
114	100		
63	15.9	14.0	29.2
88	14.8	11.2	23.2

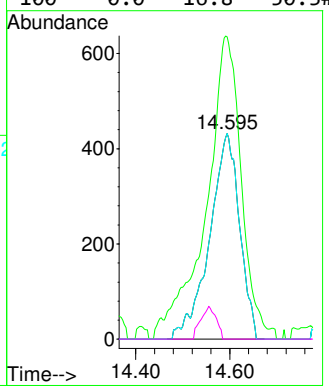


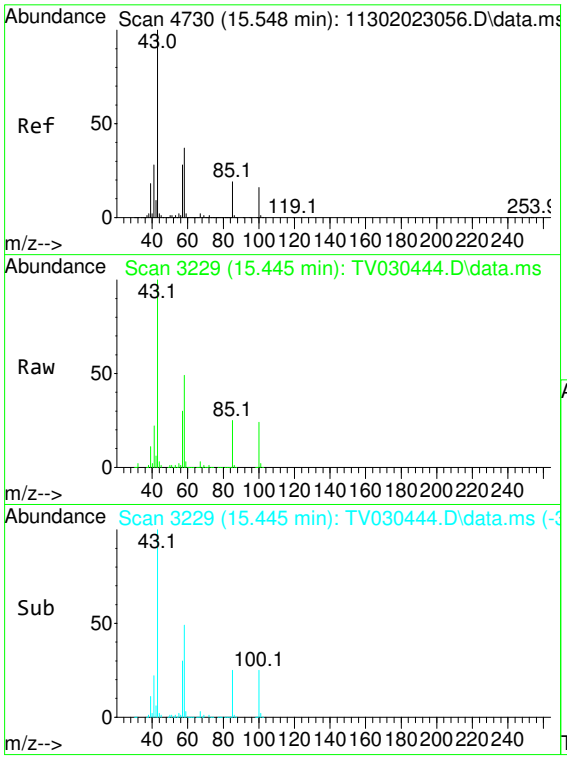


#42
Methyl Methacrylate
Concen: 0.05 ppbv
RT: 14.595 min Scan# 2969
Delta R.T. 0.029 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 69 Resp: 1910

Ion	Ratio	Lower	Upper
69	100		
41	173.8	25.3	75.9#
69	100.0	50.0	150.0
100	0.0	16.8	50.3#

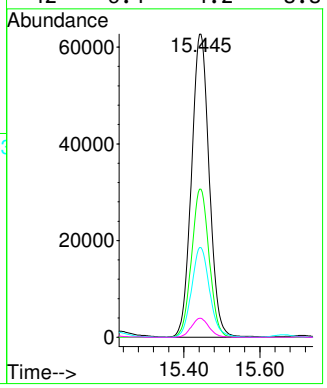


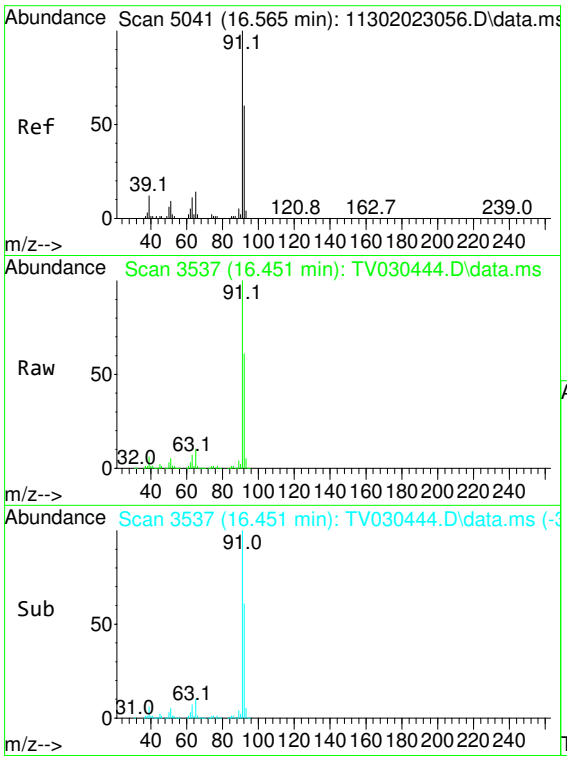


#45
Methyl Isobutyl Ketone
Concen: 2.97 ppbv
RT: 15.445 min Scan# 3229
Delta R.T. -0.010 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 202585

Ion	Ratio	Lower	Upper
43	100		
58	48.7	25.3	52.5
57	30.3	16.1	33.5
42	6.4	4.2	8.8

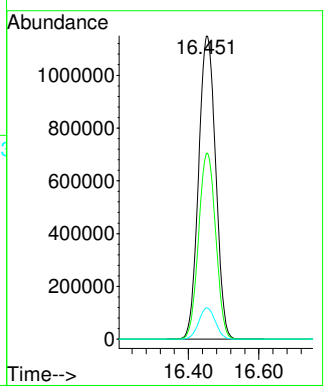


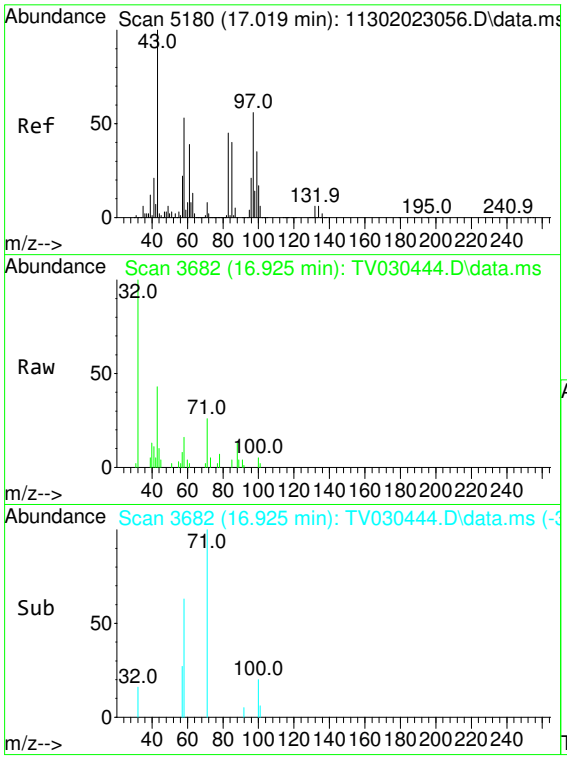


#47
Toluene
Concen: 28.25 ppbv
RT: 16.451 min Scan# 3537
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 91 Resp: 3860226

Ion	Ratio	Lower	Upper
91	100		
92	61.4	39.0	81.0
65	10.1	7.7	16.1

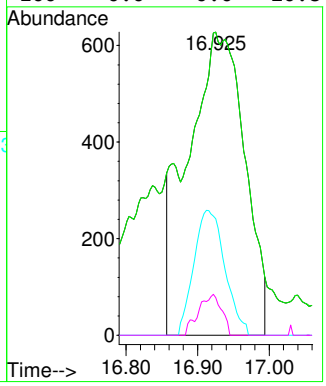


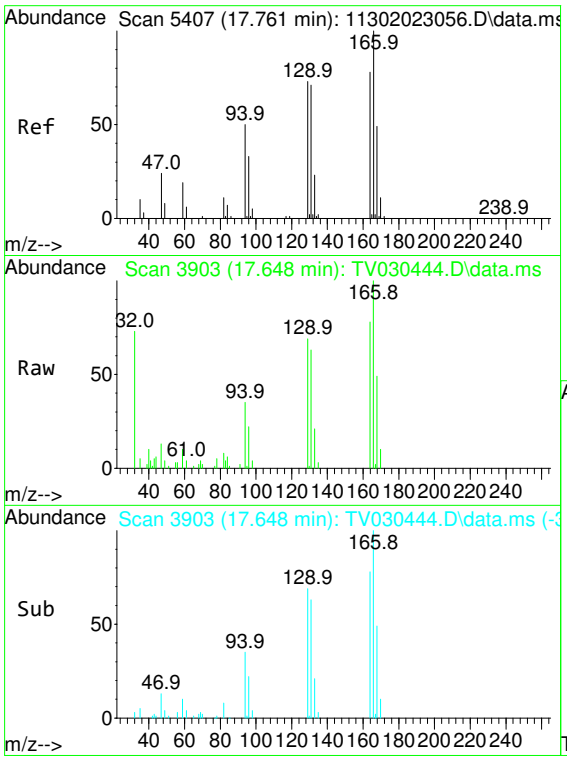


#50
2-Hexanone
Concen: 0.06 ppbv m
RT: 16.925 min Scan# 3682
Delta R.T. 0.000 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 43 Resp: 3465

Ion	Ratio	Lower	Upper
43	100		
43	115.6	80.0	120.0
58	0.0	43.4	65.2#
100	0.0	0.0	20.8

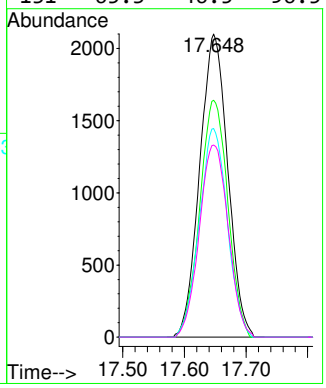


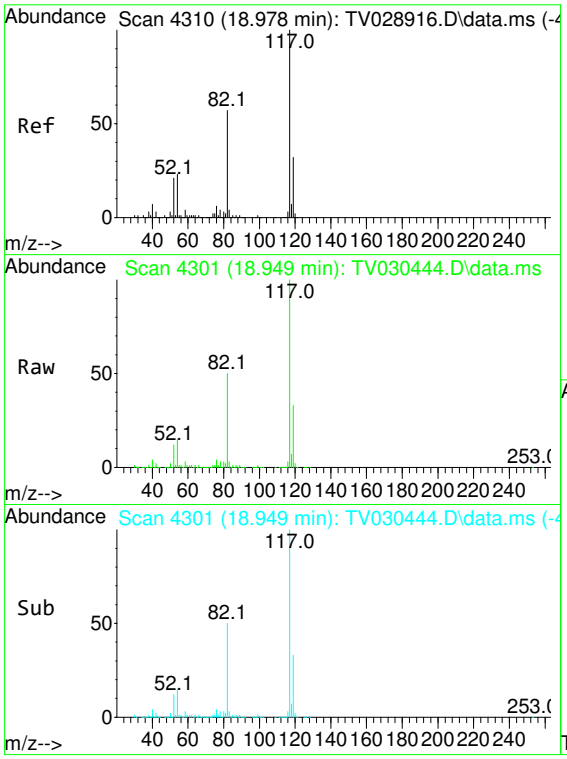


#52
Tetrachloroethylene
Concen: 0.11 ppbv
RT: 17.648 min Scan# 3903
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:166 Resp: 6630

Ion	Ratio	Lower	Upper
166	100		
164	78.4	51.4	106.8
129	68.9	47.0	97.6
131	65.3	46.5	96.5

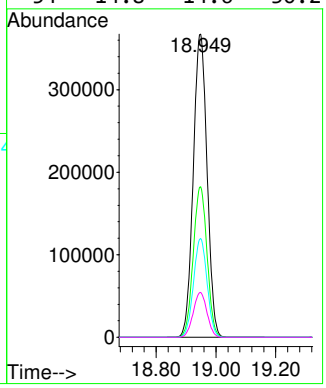


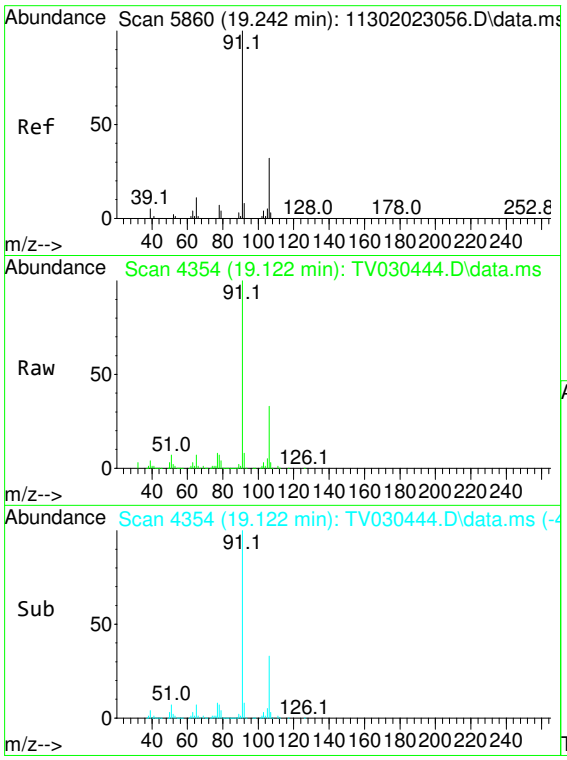


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.949 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:117 Resp: 1175085

Ion	Ratio	Lower	Upper
117	100		
82	49.7	38.7	80.5
119	32.3	20.3	42.3
54	14.8	14.6	30.2

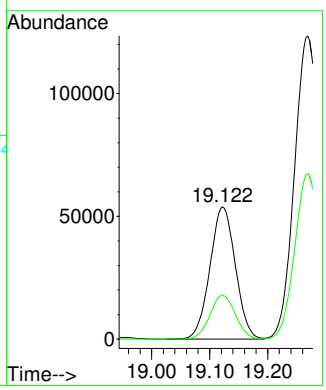


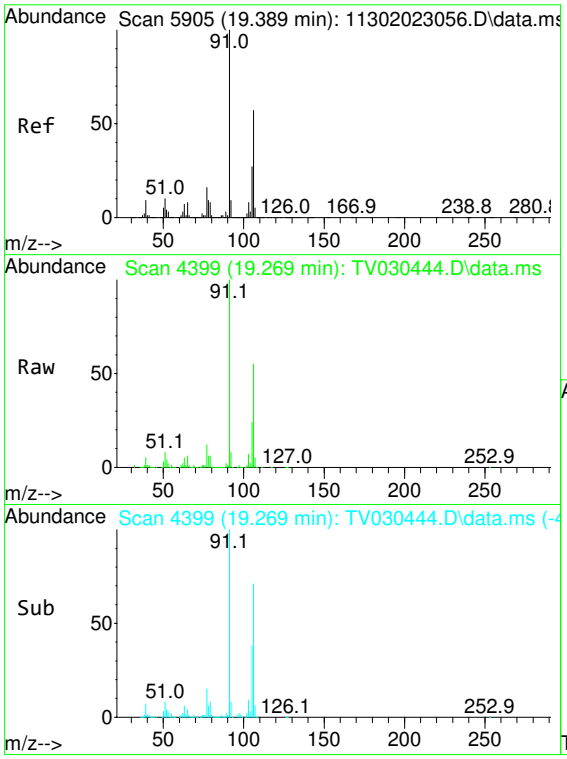


#58
Ethylbenzene
Concen: 0.96 ppbv
RT: 19.122 min Scan# 4354
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 91 Resp: 164014

Ion	Ratio	Lower	Upper
91	100		
106	33.5	20.3	42.3

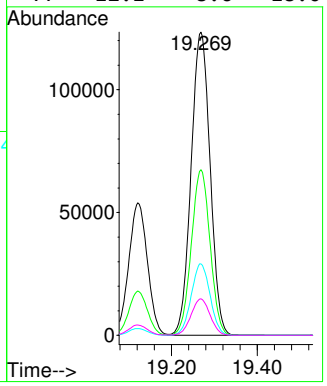


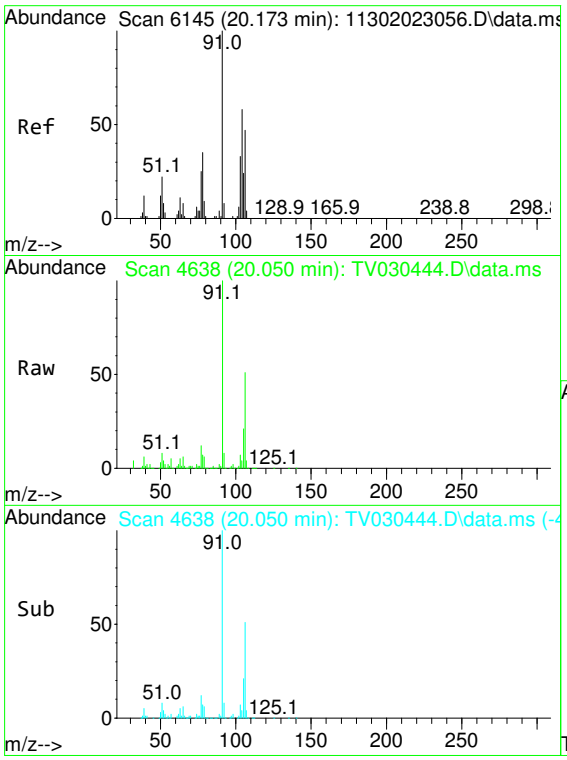


#59
p- & m-Xylenes
Concen: 2.92 ppbv
RT: 19.269 min Scan# 4399
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 91 Resp: 378984

Ion	Ratio	Lower	Upper
91	100		
106	53.9	31.0	64.4
105	23.4	13.4	27.8
77	12.1	8.6	18.0

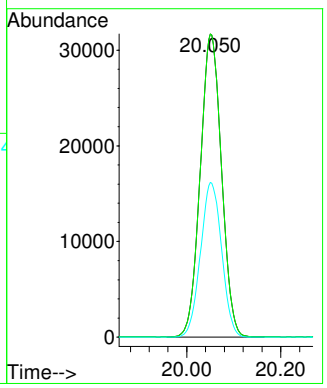


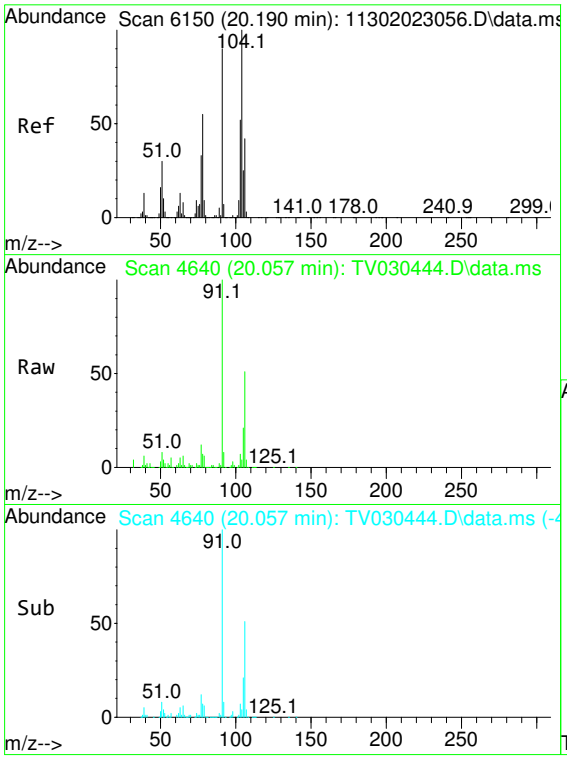


#60
o-Xylene
Concen: 0.74 ppbv
RT: 20.050 min Scan# 4638
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 91 Resp: 99197

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
106	51.0	36.9	55.3

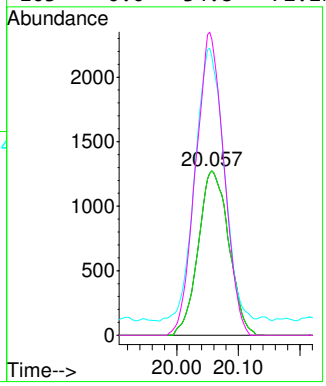


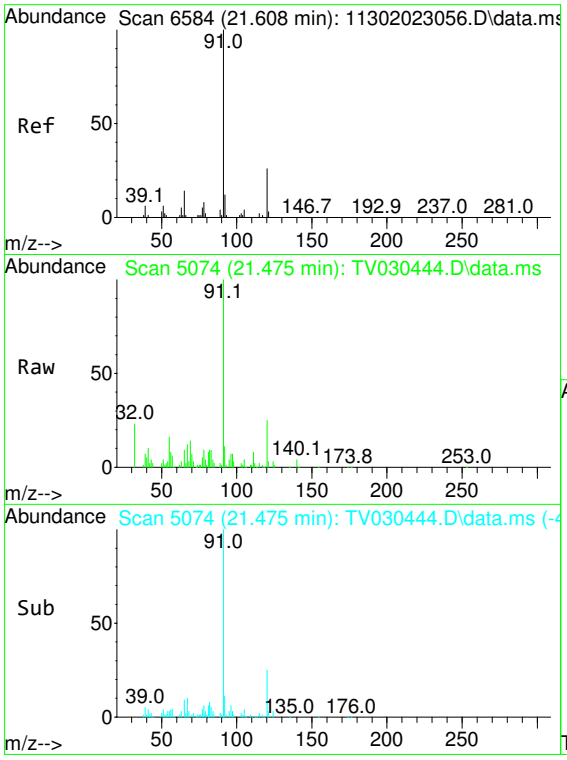


#61
Styrene
Concen: 0.04 ppbv
RT: 20.057 min Scan# 4640
Delta R.T. -0.026 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:104 Resp: 4365

Ion	Ratio	Lower	Upper
104	100		
104	100.0	65.0	135.0
78	0.0	0.0	0.0
103	0.0	34.8	72.2#

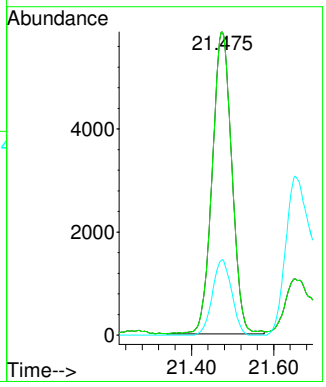


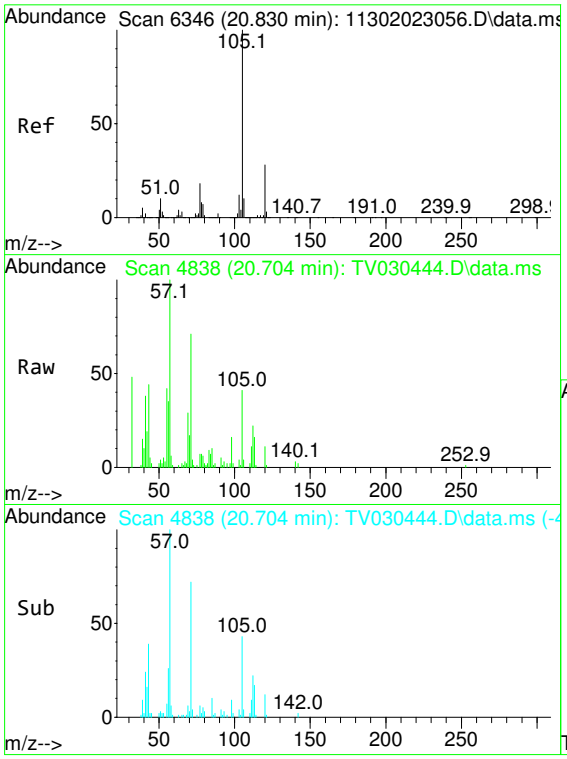


#63
n-Propylbenzene
Concen: 0.09 ppbv
RT: 21.475 min Scan# 5074
Delta R.T. -0.013 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 91 Resp: 19378

Ion	Ratio	Lower	Upper
91	100		
91	100.0	80.0	120.0
120	24.5	11.0	33.0

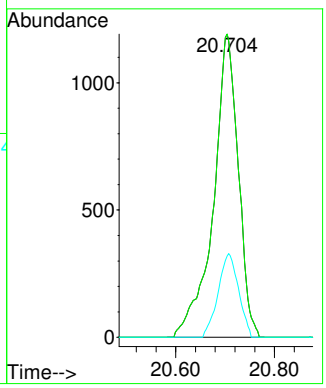


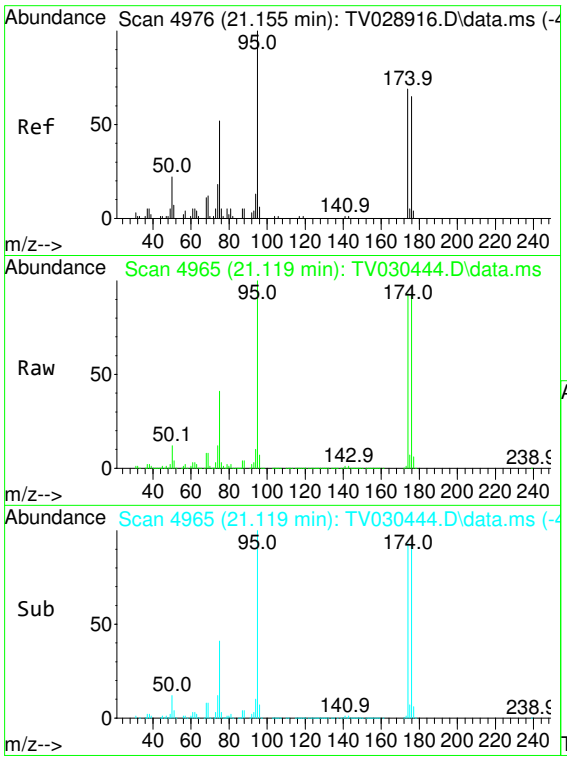


#64
Isopropylbenzene
Concen: 0.02 ppbv
RT: 20.704 min Scan# 4838
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:105 Resp: 4156

Ion	Ratio	Lower	Upper
105	100		
105	100.0	80.0	120.0
120	22.7	13.1	39.1

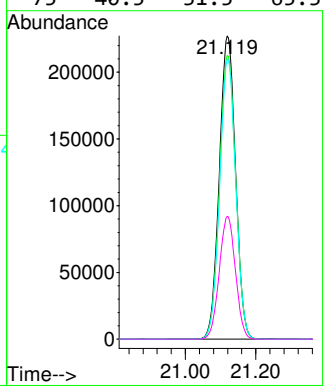


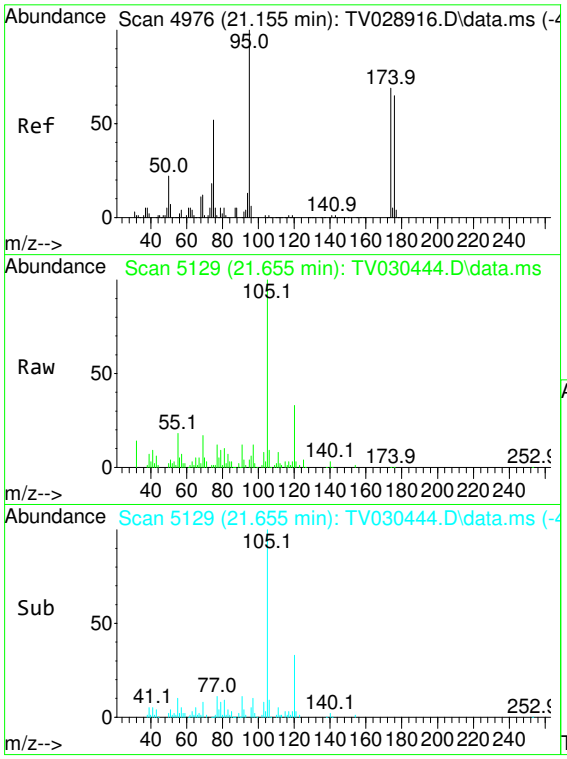


#66
p-Bromofluorobenzene
Concen: 0.34 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion: 95 Resp: 727109

Ion	Ratio	Lower	Upper
95	100		
174	93.6	50.0	103.8
176	91.2	48.2	100.2
75	40.5	31.5	65.3

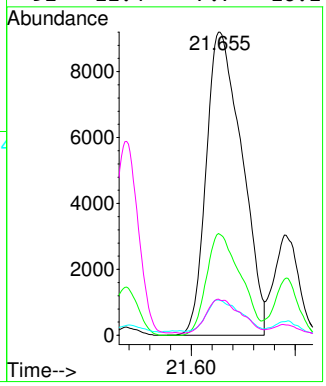


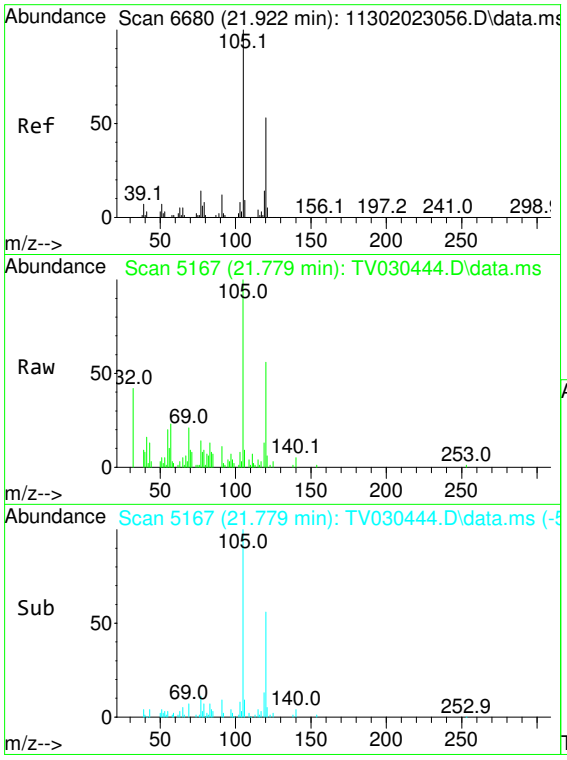


#67
4-Ethyltoluene
Concen: 0.23 ppbv
RT: 21.655 min Scan# 5129
Delta R.T. -0.056 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:105 Resp: 43850

Ion	Ratio	Lower	Upper
105	100		
120	32.6	17.2	35.6
77	11.6	7.6	15.8
91	11.4	7.7	16.1

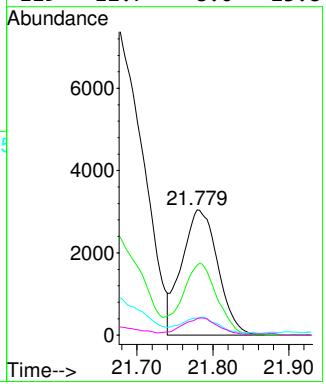


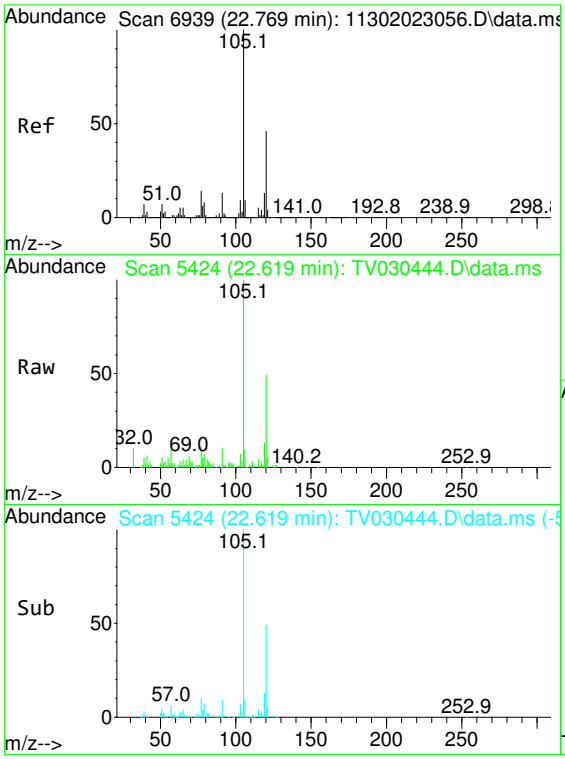


#68
1,3,5-Trimethylbenzene
Concen: 0.06 ppbv
RT: 21.779 min Scan# 5167
Delta R.T. -0.020 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:105 Resp: 10074

Ion	Ratio	Lower	Upper
105	100		
120	54.1	43.4	65.2
77	12.6	10.8	16.2
119	12.7	8.0	23.8

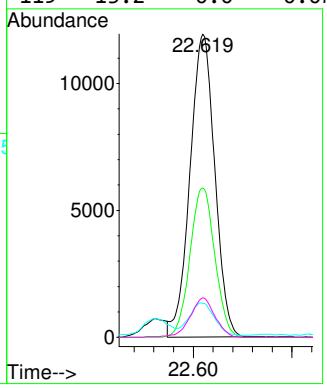


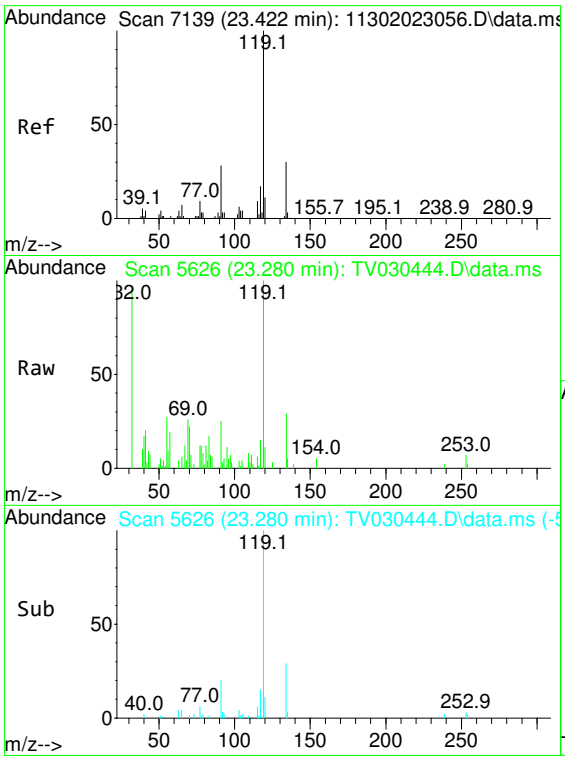


#70
1,2,4-Trimethylbenzene
Concen: 0.26 ppbv
RT: 22.619 min Scan# 5424
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:105 Resp: 41625

Ion	Ratio	Lower	Upper
105	100		
120	49.4	29.0	60.2
77	11.0	8.2	17.0
119	13.2	0.0	0.0#

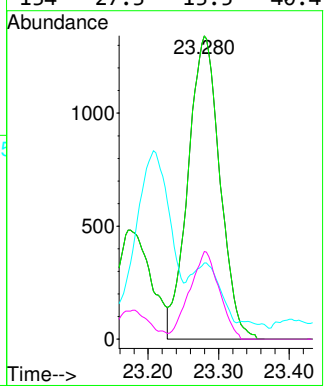


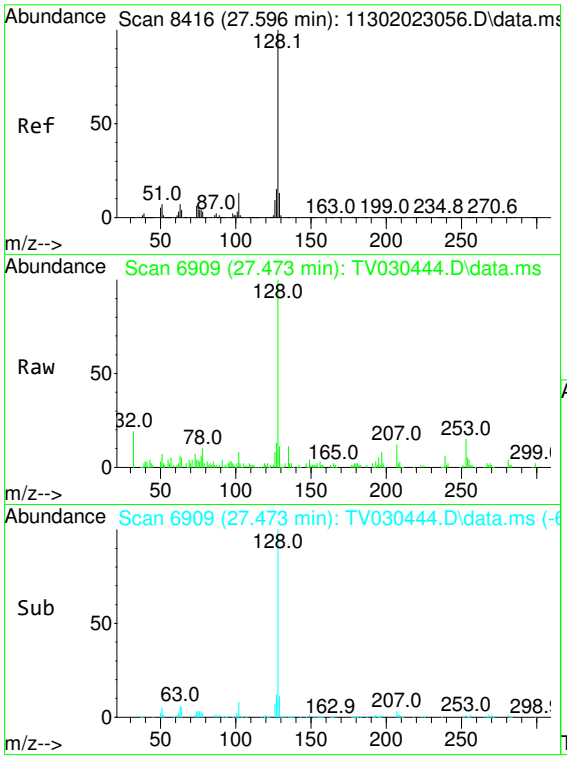


#72
p-Isopropyltoluene
Concen: 0.02 ppbv
RT: 23.280 min Scan# 5626
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:119 Resp: 4194

Ion	Ratio	Lower	Upper
119	100		
119	100.0	80.0	120.0
91	0.0	0.0	0.0
134	27.3	13.5	40.4

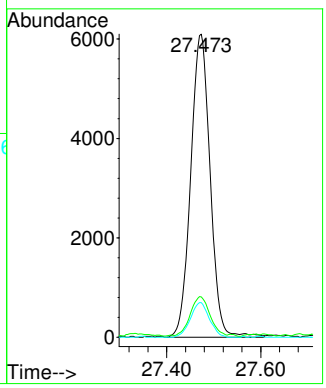




#80
Naphthalene
Concen: 0.10 ppbv
RT: 27.473 min Scan# 6909
Delta R.T. -0.016 min
Lab File: TV030444.D
Acq: 21 Apr 2025 02:19 pm

Tgt Ion:128 Resp: 17500

Ion	Ratio	Lower	Upper
128	100		
127	13.6	8.1	16.9
129	11.2	7.3	15.1



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	70 - 130
1,1,1-Trichloroethane	10.0	12.1	121	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4	104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.5	125	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	70 - 130
1,1-Dichloroethane	10.0	11.9	119	70 - 130
1,1-Dichloroethylene	10.0	11.7	117	70 - 130
1,2,4-Trichlorobenzene	10.0	8.22	82.2	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111	70 - 130
1,2-Dibromoethane	10.0	11.0	110	70 - 130
1,2-Dichlorobenzene	10.0	12.1	121	70 - 130
1,2-Dichloroethane	10.0	12.9	129	70 - 130
1,2-Dichloropropane	10.0	9.89	98.9	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	8.66	86.6	70 - 130
1,3,5-Trimethylbenzene	10.0	11.3	113	70 - 130
1,3-Butadiene	10.0	11.2	112	70 - 130
1,3-Dichlorobenzene	10.0	12.7	127	70 - 130
1,3-Dichloropropane	10.0	10.9	109	70 - 130
1,4-Dichlorobenzene	10.0	13.4	134 *	70 - 130
1,4-Dioxane	10.0	11.1	111	70 - 130
2,2,4-Trimethylpentane	10.0	11.6	116	70 - 130
2-Butanone	10.0	10.8	108	70 - 130
2-Hexanone	10.0	9.19	91.9	70 - 130
3-Chloropropene	10.0	11.4	114	70 - 130
4-Methyl-2-pentanone	10.0	9.45	94.5	70 - 130
Acetone	10.0	10.6	106	70 - 130
Acrylonitrile	10.0	10.5	105	70 - 130
Benzene	10.0	11.9	119	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	9.30	93.0	70 - 130
Bromodichloromethane	10.0	10.2	102	70 - 130
Bromoform	10.0	14.3	143 *	70 - 130
Bromomethane	10.0	12.7	127	70 - 130
Carbon disulfide	10.0	12.8	128	70 - 130
Carbon tetrachloride	10.0	12.7	127	70 - 130
Chlorobenzene	10.0	11.2	112	70 - 130
Chloroethane	10.0	12.7	127	70 - 130
Chloroform	10.0	11.9	119	70 - 130
Chloromethane	10.0	7.42	74.2	70 - 130
cis-1,2-Dichloroethylene	10.0	11.8	118	70 - 130
cis-1,3-Dichloropropylene	10.0	11.1	111	70 - 130
Cyclohexane	10.0	11.8	118	70 - 130
Dibromochloromethane	10.0	11.8	118	70 - 130
Dichlorodifluoromethane	10.0	11.8	118	70 - 130
Ethyl acetate	10.0	10.9	109	70 - 130
Ethyl Benzene	10.0	10.9	109	70 - 130
Hexachlorobutadiene	10.0	16.7	167 *	70 - 130
Isopropanol	10.0	9.39	93.9	70 - 130
Methyl Methacrylate	10.0	10.2	102	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.8	128	70 - 130
Methylene chloride	10.0	10.9	109	70 - 130
Naphthalene	10.0	10.0	100	70 - 130
n-Heptane	10.0	11.0	110	70 - 130
n-Hexane	10.0	11.8	118	70 - 130
o-Xylene	10.0	10.6	106	70 - 130
p- & m- Xylenes	20.0	21.0	105	70 - 130
p-Ethyltoluene	10.0	11.5	115	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Propylene	10.0	10.4	104	70 - 130
Styrene	10.0	11.4	114	70 - 130
Tetrachloroethylene	10.0	13.3	133 *	70 - 130
Tetrahydrofuran	10.0	11.0	110	70 - 130
Toluene	10.0	10.9	109	70 - 130
trans-1,2-Dichloroethylene	10.0	11.9	119	70 - 130
trans-1,3-Dichloropropylene	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.0	120	70 - 130
Vinyl acetate	10.0	8.71	87.1	70 - 130
Vinyl bromide	10.0	13.2	132 *	70 - 130
Vinyl Chloride	10.0	9.93	99.3	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Matrix: Air
Batch: BD51611
Laboratory ID: BD51611-BS1
Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.3	103	70 - 130
1,1,1-Trichloroethane	10.0	11.5	115	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.86	98.6	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.9	119	70 - 130
1,1,2-Trichloroethane	10.0	9.52	95.2	70 - 130
1,1-Dichloroethane	10.0	11.2	112	70 - 130
1,1-Dichloroethylene	10.0	11.1	111	70 - 130
1,2,4-Trichlorobenzene	10.0	8.40	84.0	70 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130
1,2-Dibromoethane	10.0	10.3	103	70 - 130
1,2-Dichlorobenzene	10.0	11.4	114	70 - 130
1,2-Dichloroethane	10.0	12.3	123	70 - 130
1,2-Dichloropropane	10.0	9.32	93.2	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	8.87	88.7	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	70 - 130
1,3-Butadiene	10.0	10.6	106	70 - 130
1,3-Dichlorobenzene	10.0	12.0	120	70 - 130
1,3-Dichloropropane	10.0	10.3	103	70 - 130
1,4-Dichlorobenzene	10.0	12.7	127	70 - 130
1,4-Dioxane	10.0	10.4	104	70 - 130
2,2,4-Trimethylpentane	10.0	11.0	110	70 - 130
2-Butanone	10.0	10.2	102	70 - 130
2-Hexanone	10.0	8.60	86.0	70 - 130
3-Chloropropene	10.0	10.8	108	70 - 130
4-Methyl-2-pentanone	10.0	8.87	88.7	70 - 130
Acetone	10.0	9.97	99.7	70 - 130
Acrylonitrile	10.0	9.82	98.2	70 - 130
Benzene	10.0	11.3	113	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51611	Laboratory ID:	BD51611-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	8.78	87.8	70 - 130
Bromodichloromethane	10.0	9.62	96.2	70 - 130
Bromoform	10.0	13.6	136 *	70 - 130
Bromomethane	10.0	12.1	121	70 - 130
Carbon disulfide	10.0	12.1	121	70 - 130
Carbon tetrachloride	10.0	12.1	121	70 - 130
Chlorobenzene	10.0	10.6	106	70 - 130
Chloroethane	10.0	12.0	120	70 - 130
Chloroform	10.0	11.3	113	70 - 130
Chloromethane	10.0	8.05	80.5	70 - 130
cis-1,2-Dichloroethylene	10.0	11.2	112	70 - 130
cis-1,3-Dichloropropylene	10.0	10.5	105	70 - 130
Cyclohexane	10.0	11.2	112	70 - 130
Dibromochloromethane	10.0	11.1	111	70 - 130
Dichlorodifluoromethane	10.0	11.2	112	70 - 130
Ethyl acetate	10.0	10.2	102	70 - 130
Ethyl Benzene	10.0	10.3	103	70 - 130
Hexachlorobutadiene	10.0	15.9	159 *	70 - 130
Isopropanol	10.0	8.82	88.2	70 - 130
Methyl Methacrylate	10.0	9.65	96.5	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.1	121	70 - 130
Methylene chloride	10.0	10.3	103	70 - 130
Naphthalene	10.0	9.89	98.9	70 - 130
n-Heptane	10.0	10.4	104	70 - 130
n-Hexane	10.0	11.1	111	70 - 130
o-Xylene	10.0	10.1	101	70 - 130
p- & m- Xylenes	20.0	19.9	99.4	70 - 130
p-Ethyltoluene	10.0	10.8	108	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51611	Laboratory ID:	BD51611-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Propylene	10.0	9.75	97.5	70 - 130
Styrene	10.0	10.8	108	70 - 130
Tetrachloroethylene	10.0	12.5	125	70 - 130
Tetrahydrofuran	10.0	10.4	104	70 - 130
Toluene	10.0	10.2	102	70 - 130
trans-1,2-Dichloroethylene	10.0	11.2	112	70 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	70 - 130
Trichloroethylene	10.0	9.98	99.8	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.4	114	70 - 130
Vinyl acetate	10.0	8.70	87.0	70 - 130
Vinyl bromide	10.0	12.5	125	70 - 130
Vinyl Chloride	10.0	9.94	99.4	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS RAW DATA

SDG: 25C1721
CLASS: AIR
METHOD: EPA TO-15

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030440.D
Acq On : 21 Apr 2025 11:14 am
Operator : YR
Sample : BD51581-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:53:31 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.098	49	282818	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1185692	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.949	117	1041952	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	705503	0.37	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#		
Target Compounds						Qvalue
2) Propylene	5.027	42	121777	10.36	ppbv	98
3) Dichlorodifluoromethane	5.096	85	762256	11.84	ppbv	98
4) 1,2-Dichlorotetrafluor...	5.361	85	662034	8.66	ppbv	89
5) Chloromethane	5.590	50	140535	7.42	ppbv #	86
6) Vinyl Chloride	5.861	62	258495	9.93	ppbv	100
7) 1,3-Butadiene	5.939	54	205049	11.17	ppbv	96
8) Bromomethane	6.737	94	322688	12.68	ppbv	99
9) Chloroethane	6.910	64	165572	12.70	ppbv	94
10) ethanol	7.018	45	97946	8.23	ppbv	88
11) Vinyl Bromide	7.365	106	333706	13.20	ppbv	100
12) Trichlorofluoromethane	7.485	101	753029	12.02	ppbv	99
13) Isopropanol	7.956	45	472816	9.39	ppbv	100
14) Acrolein	8.080	56	122885	11.38	ppbv #	100
15) Acetone	8.188	43	357158	10.56	ppbv	83
16) Freon-113	8.355	101	681818	12.54	ppbv	91
17) 1,1-Dichloroethylene	8.584	61	436086	11.71	ppbv	83
18) 3-Chloropropene	9.175	41	294012	11.45	ppbv #	87
19) Methylene Chloride	9.329	49	280261	10.91	ppbv #	74
20) Acrylonitrile	9.404	53	223004	10.46	ppbv #	100
21) Carbon disulfide	9.463	76	975774	12.79	ppbv #	88
22) Methyl-tert-Butyl Ethe...	9.728	73	885729	12.82	ppbv	94
23) trans-1,2-Dichloroethy...	9.934	61	417702	11.86	ppbv	81
24) Hexane	10.221	57	448376	11.75	ppbv	88
25) Vinyl Acetate	10.538	43	461081	8.71	ppbv #	99
26) 1,1-Dichloroethane	10.594	63	525120	11.86	ppbv #	99
27) 2-Butanone	11.199	43	482614	10.82	ppbv #	83
28) Ethyl Acetate	11.506	43	555668	10.86	ppbv #	93
29) cis-1,2-Dichloroethylene	11.594	61	397371	11.77	ppbv	82
30) Chloroform	11.869	83	665678	11.92	ppbv	97
31) Tetrahydrofuran	12.189	42	274973	10.99	ppbv #	83
32) 1,1,1-Trichlorethane	12.611	97	665648	12.10	ppbv	95
33) Cyclohexane	12.781	56	466887	11.76	ppbv	87
34) 2,2,4-Trimethylpentane	12.928	57	1368417	11.61	ppbv #	96
35) Carbon Tetrachloride	13.075	117	697476	12.71	ppbv	100
36) 1,2-Dichloroethane	13.147	62	353916m	12.86	ppbv	
37) Benzene	13.278	78	1009227	11.91	ppbv #	100
38) n-Heptane	13.294	43	414274	10.98	ppbv #	89
40) Trichloroethylene	14.314	95	475557	10.63	ppbv	84
41) 1,2-Dichloropropane	14.542	63	339719	9.89	ppbv #	98
42) Methyl Methacrylate	14.552	69	371908	10.23	ppbv #	76
43) 1,4-Dioxane	14.863	88	250372	11.07	ppbv #	100
44) Bromodichloromethane	14.905	83	689280	10.20	ppbv	97
45) Methyl Isobutyl Ketone	15.441	43	573010	9.45	ppbv	86
46) cis-1,3-Dichloropropene	15.798	75	578790	11.11	ppbv	94
47) Toluene	16.451	91	1322027	10.89	ppbv	98
48) trans-1,3-Dichloropropene	16.611	75	491159	10.97	ppbv	93

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030440.D
Acq On : 21 Apr 2025 11:14 am
Operator : YR
Sample : BD51581-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

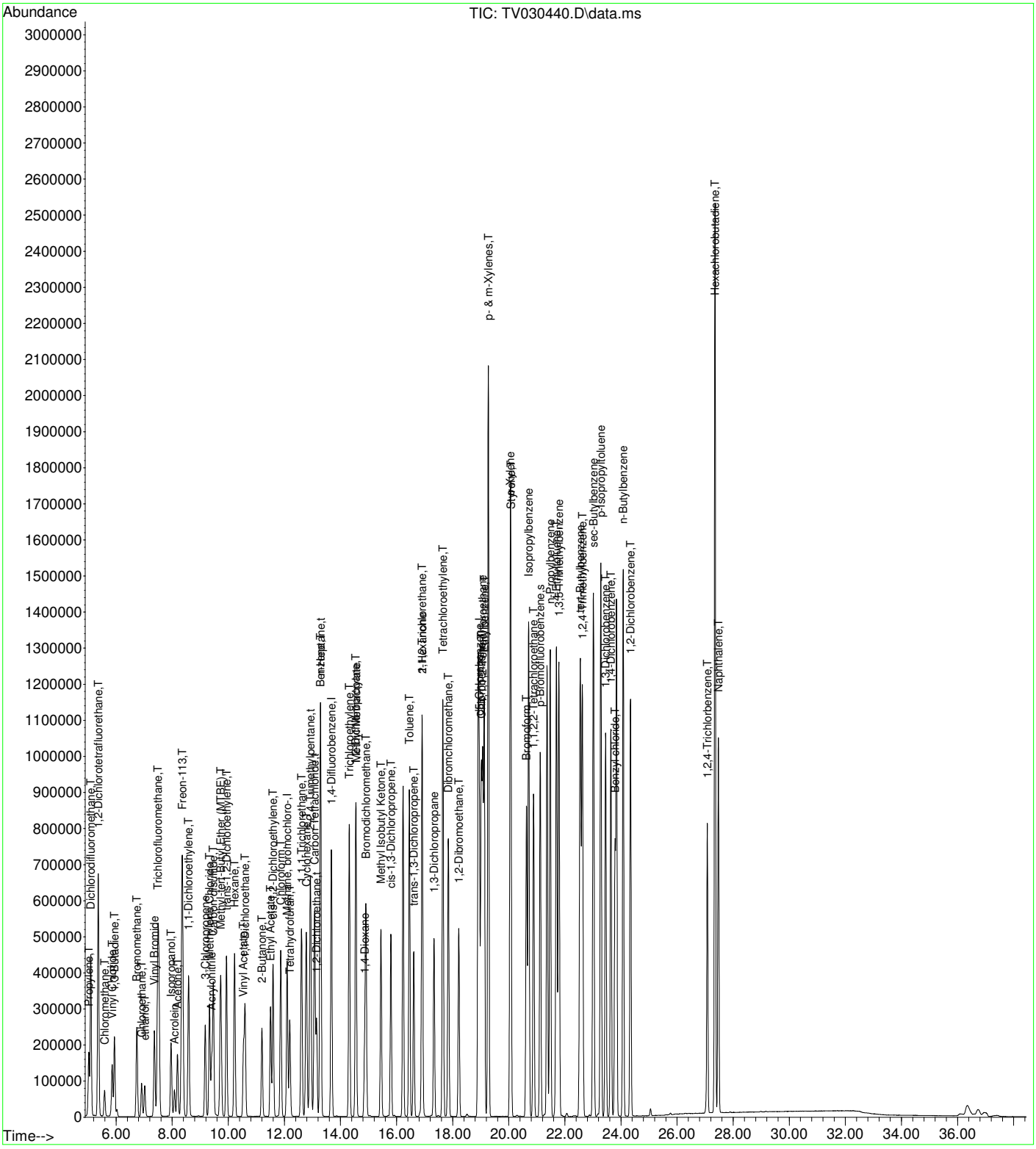
Quant Time: Apr 21 11:53:31 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.906	97	431109	10.12	ppbv		91
50) 2-Hexanone	16.912	43	492414	9.19	ppbv	#	90
51) 1,3-Dichloropropane	17.334	76	623174	10.89	ppbv	#	100
52) Tetrachloroethylene	17.648	166	725571	13.28	ppbv		95
53) Dibromchloromethane	17.844	129	832024	11.82	ppbv	#	97
54) 1,2-Dibromoethane	18.216	107	684729	10.95	ppbv		100
56) Chlorobenzene	19.017	112	1080983	11.21	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.070	131	576713	10.84	ppbv		96
58) Ethylbenzene	19.122	91	1651862	10.90	ppbv		96
59) p- & m-Xylenes	19.269	91	2411841	20.95	ppbv		92
60) o-Xylene	20.050	91	1263755	10.61	ppbv		98
61) Styrene	20.073	104	1042166	11.41	ppbv	#	74
62) Bromoform	20.629	173	829050	14.29	ppbv		97
63) n-Propylbenzene	21.475	91	2205557	11.03	ppbv		99
64) Isopropylbenzene	20.707	105	1954028	11.39	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.880	83	943540	10.36	ppbv		98
67) 4-Ethyltoluene	21.698	105	1899818	11.48	ppbv		92
68) 1,3,5-Trimethylbenzene	21.786	105	1567814	11.26	ppbv		97
69) tert-Butylbenzene	22.547	119	1811782	11.13	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.619	105	1586742	11.13	ppbv	#	81
71) sec-Butylbenzene	23.015	105	2372889	10.93	ppbv	#	99
72) p-Isopropyltoluene	23.283	119	2017096	10.97	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1028760	12.69	ppbv		94
74) 1,4-Dichlorobenzene	23.639	146	997013	13.39	ppbv		94
75) Benzyl chloride	23.789	126	279481	9.30	ppbv	#	1
76) n-Butylbenzene	24.077	91	1662158	10.92	ppbv	#	87
77) 1,2-Dichlorobenzene	24.339	146	1025789	12.08	ppbv		94
78) 1,2,4-Trichlorbenzene	27.078	180	482822	8.22	ppbv	#	93
79) Hexachlorobutadiene	27.352	225	976090	16.72	ppbv		95
80) Naphthalene	27.473	128	1593963	10.04	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030440.D
Acq On : 21 Apr 2025 11:14 am
Operator : YR
Sample : BD51581-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:53:31 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



LCS RAW DATA

SDG: 25C1721
CLASS: AIR
METHOD: EPA TO-15

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030468.D
Acq On : 22 Apr 2025 11:35 am
Operator : YR
Sample : BD51611-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 12:24:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	294023	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1242406	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.952	117	1080458	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.122	95	724320	0.37	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#		
Target Compounds						Qvalue
2) Propylene	5.027	42	119117	9.75	ppbv	98
3) Dichlorodifluoromethane	5.096	85	748134	11.18	ppbv	98
4) 1,2-Dichlorotetrafluor...	5.361	85	704955	8.87	ppbv	90
5) Chloromethane	5.589	50	158476	8.05	ppbv	100
6) Vinyl Chloride	5.861	62	269144	9.94	ppbv	100
7) 1,3-Butadiene	5.942	54	202548	10.62	ppbv	96
8) Bromomethane	6.740	94	319411	12.07	ppbv	99
9) Chloroethane	6.910	64	162756	12.01	ppbv	93
10) ethanol	7.024	45	93630	7.57	ppbv	89
11) Vinyl Bromide	7.364	106	329527	12.54	ppbv	100
12) Trichlorofluoromethane	7.489	101	744249	11.42	ppbv	99
13) Isopropanol	7.962	45	461508	8.82	ppbv	100
14) Acrolein	8.080	56	121109	10.79	ppbv #	100
15) Acetone	8.191	43	350459	9.97	ppbv	83
16) Freon-113	8.358	101	673535	11.92	ppbv	91
17) 1,1-Dichloroethylene	8.584	61	428612	11.07	ppbv	83
18) 3-Chloropropene	9.178	41	287125	10.76	ppbv #	87
19) Methylene Chloride	9.332	49	275585	10.32	ppbv #	73
20) Acrylonitrile	9.407	53	217675	9.82	ppbv #	100
21) Carbon disulfide	9.466	76	959343	12.09	ppbv #	88
22) Methyl-tert-Butyl Ethe...	9.731	73	871494	12.13	ppbv	94
23) trans-1,2-Dichloroethy...	9.933	61	411110	11.23	ppbv	81
24) Hexane	10.224	57	440486	11.10	ppbv	88
25) Vinyl Acetate	10.541	43	479001	8.70	ppbv #	98
26) 1,1-Dichloroethane	10.597	63	517266	11.24	ppbv #	99
27) 2-Butanone	11.202	43	471562	10.17	ppbv #	83
28) Ethyl Acetate	11.509	43	544500	10.23	ppbv #	93
29) cis-1,2-Dichloroethylene	11.597	61	393496	11.21	ppbv	83
30) Chloroform	11.872	83	654880	11.28	ppbv	97
31) Tetrahydrofuran	12.192	42	271384	10.44	ppbv #	82
32) 1,1,1-Trichlorethane	12.610	97	656029	11.47	ppbv	96
33) Cyclohexane	12.780	56	460581	11.16	ppbv	87
34) 2,2,4-Trimethylpentane	12.931	57	1349953	11.02	ppbv #	96
35) Carbon Tetrachloride	13.078	117	689841	12.09	ppbv	100
36) 1,2-Dichloroethane	13.150	62	350821m	12.26	ppbv	
37) Benzene	13.281	78	997386	11.32	ppbv #	100
38) n-Heptane	13.297	43	408484	10.41	ppbv #	89
40) Trichloroethylene	14.313	95	467813	9.98	ppbv	84
41) 1,2-Dichloropropane	14.542	63	335321	9.32	ppbv #	98
42) Methyl Methacrylate	14.555	69	367351	9.65	ppbv #	76
43) 1,4-Dioxane	14.863	88	247558	10.45	ppbv #	100
44) Bromodichloromethane	14.908	83	680940	9.62	ppbv	97
45) Methyl Isobutyl Ketone	15.444	43	563703	8.87	ppbv	86
46) cis-1,3-Dichloropropene	15.797	75	574339	10.53	ppbv	94
47) Toluene	16.454	91	1299902	10.22	ppbv	98
48) trans-1,3-Dichloropropene	16.615	75	485593	10.35	ppbv	93

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030468.D
Acq On : 22 Apr 2025 11:35 am
Operator : YR
Sample : BD51611-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

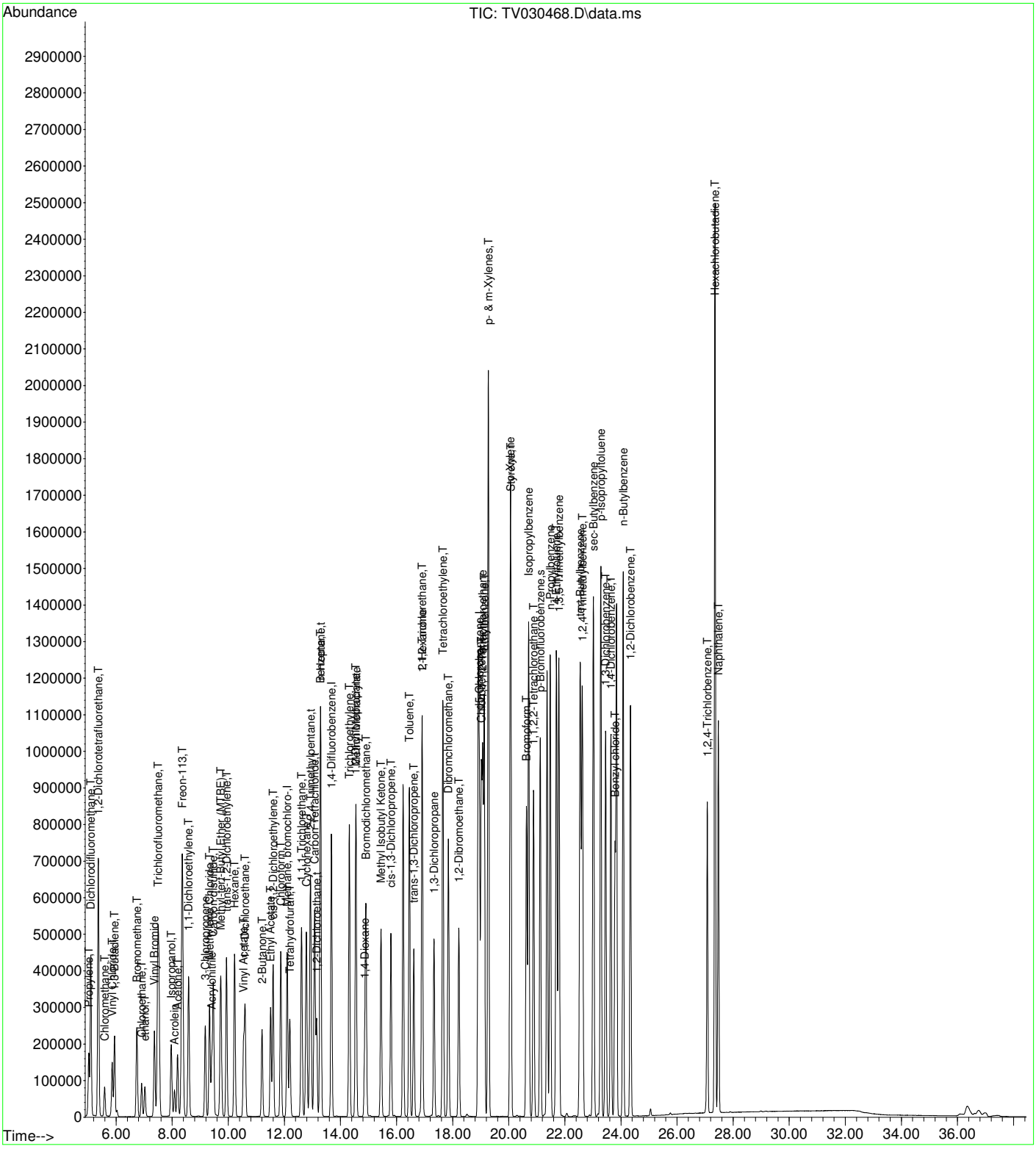
Quant Time: Apr 22 12:24:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.909	97	425085	9.52	ppbv		91
50) 2-Hexanone	16.912	43	483016	8.60	ppbv	#	90
51) 1,3-Dichloropropane	17.337	76	615470	10.26	ppbv	#	100
52) Tetrachloroethylene	17.651	166	713867	12.47	ppbv		95
53) Dibromchloromethane	17.847	129	820326	11.12	ppbv	#	97
54) 1,2-Dibromoethane	18.219	107	676192	10.32	ppbv		100
56) Chlorobenzene	19.017	112	1064066	10.64	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.069	131	569533	10.33	ppbv		96
58) Ethylbenzene	19.125	91	1622118	10.32	ppbv		96
59) p- & m-Xylenes	19.272	91	2374673	19.89	ppbv		92
60) o-Xylene	20.053	91	1242574	10.06	ppbv		98
61) Styrene	20.073	104	1024120	10.81	ppbv	#	74
62) Bromoform	20.632	173	820047	13.63	ppbv		97
63) n-Propylbenzene	21.478	91	2170483	10.47	ppbv		99
64) Isopropylbenzene	20.707	105	1921456	10.80	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.883	83	931870	9.86	ppbv		98
67) 4-Ethyltoluene	21.697	105	1860620	10.84	ppbv		92
68) 1,3,5-Trimethylbenzene	21.786	105	1559804	10.80	ppbv		96
69) tert-Butylbenzene	22.547	119	1786059	10.58	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.622	105	1564056	10.58	ppbv	#	81
71) sec-Butylbenzene	23.018	105	2335957	10.38	ppbv	#	99
72) p-Isopropyltoluene	23.283	119	1984250	10.41	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1010939	12.03	ppbv		94
74) 1,4-Dichlorobenzene	23.642	146	977594	12.66	ppbv		94
75) Benzyl chloride	23.789	126	273649	8.78	ppbv	#	1
76) n-Butylbenzene	24.080	91	1614732	10.23	ppbv	#	87
77) 1,2-Dichlorobenzene	24.342	146	1003073	11.39	ppbv		94
78) 1,2,4-Trichlorbenzene	27.077	180	511748	8.40	ppbv	#	92
79) Hexachlorobutadiene	27.352	225	963080	15.91	ppbv		95
80) Naphthalene	27.473	128	1628877	9.89	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030468.D
Acq On : 22 Apr 2025 11:35 am
Operator : YR
Sample : BD51611-BS1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 12:24:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



FORM IV **PREPARATION BATCH SUMMARY**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1721

Client: PVE, LLC. Project: 20240302

Batch: BD51581 Batch Matrix: Air Preparation: EPA TO15 PREP

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
SSV-1 20250326	25C1721-01	TV030443.D	04/21/25 09:00	
AI-1 20250326	25C1721-02	TV030448.D	04/21/25 09:00	
SSV-3 20250326	25C1721-05	TV030455.D	04/21/25 09:00	
AI-3 20250326	25C1721-06	TV030449.D	04/21/25 09:00	
SSV-4 20250326	25C1721-07	TV030456.D	04/21/25 09:00	
AI-4 20250326	25C1721-08	TV030450.D	04/21/25 09:00	
SSV-5 20250326	25C1721-09	TV030457.D	04/21/25 09:00	
AI-5 20250326	25C1721-10	TV030451.D	04/21/25 09:00	
AI-6 20250326	25C1721-11	TV030452.D	04/21/25 09:00	
AI-7 20250326	25C1721-12	TV030453.D	04/21/25 09:00	
AO-1 20250326	25C1721-13	TV030454.D	04/21/25 09:00	
Blank	BD51581-BLK1	TV030442.D	04/21/25 09:00	
LCS	BD51581-BS1	TV030440.D	04/21/25 09:00	
SSV-1 20250326	BD51581-DUP1	TV030444.D	04/21/25 09:00	

FORM IV **PREPARATION BATCH SUMMARY**

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1721

Client: PVE, LLC. Project: 20240302

Batch: BD51611 Batch Matrix: Air Preparation: EPA TO15 PREP

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
SSV-2 20250326	25C1721-03	TV030471.D	04/22/25 08:00	
AI-2 20250326	25C1721-04	TV030472.D	04/22/25 08:00	
Blank	BD51611-BLK1	TV030470.D	04/22/25 08:00	
LCS	BD51611-BS1	TV030468.D	04/22/25 08:00	

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51581-BLK1	File ID:	TV030442.D
Prepared:	04/21/25 09:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/21/25 12:47	Instrument:	TO15_AIR3		
Batch:	BD51581	Sequence:	S5D2211	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
540-84-1	2,2,4-Trimethylpentane	0.23	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	1.9	U
107-13-1	Acrylonitrile	2.8	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51581-BLK1	File ID:	TV030442.D
Prepared:	04/21/25 09:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/21/25 12:47	Instrument:	TO15_AIR3		
Batch:	BD51581	Sequence:	S5D2211	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	1.5	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	2.1	U
91-20-3	Naphthalene	1.0	U
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51581-BLK1	File ID:	TV030442.D
Prepared:	04/21/25 09:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/21/25 12:47	Instrument:	TO15_AIR3		
Batch:	BD51581	Sequence:	S5D2211	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U
10061-02-6	trans-1,3-Dichloropropylene	0.45	U
79-01-6	Trichloroethylene	0.13	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.56	U
108-05-4	Vinyl acetate	0.35	U
593-60-2	Vinyl bromide	0.44	U
75-01-4	Vinyl Chloride	0.13	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	325464	12.094	295097	12.097	
ISTD: 1,4-Difluorobenzene	1404280	13.673	1218414	13.676	
ISTD: d5-Chlorobenzene	1229269	18.945	1099221	18.948	

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030442.D
Acq On : 21 Apr 2025 12:47 pm
Operator : YR
Sample : BD51581-BLK1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

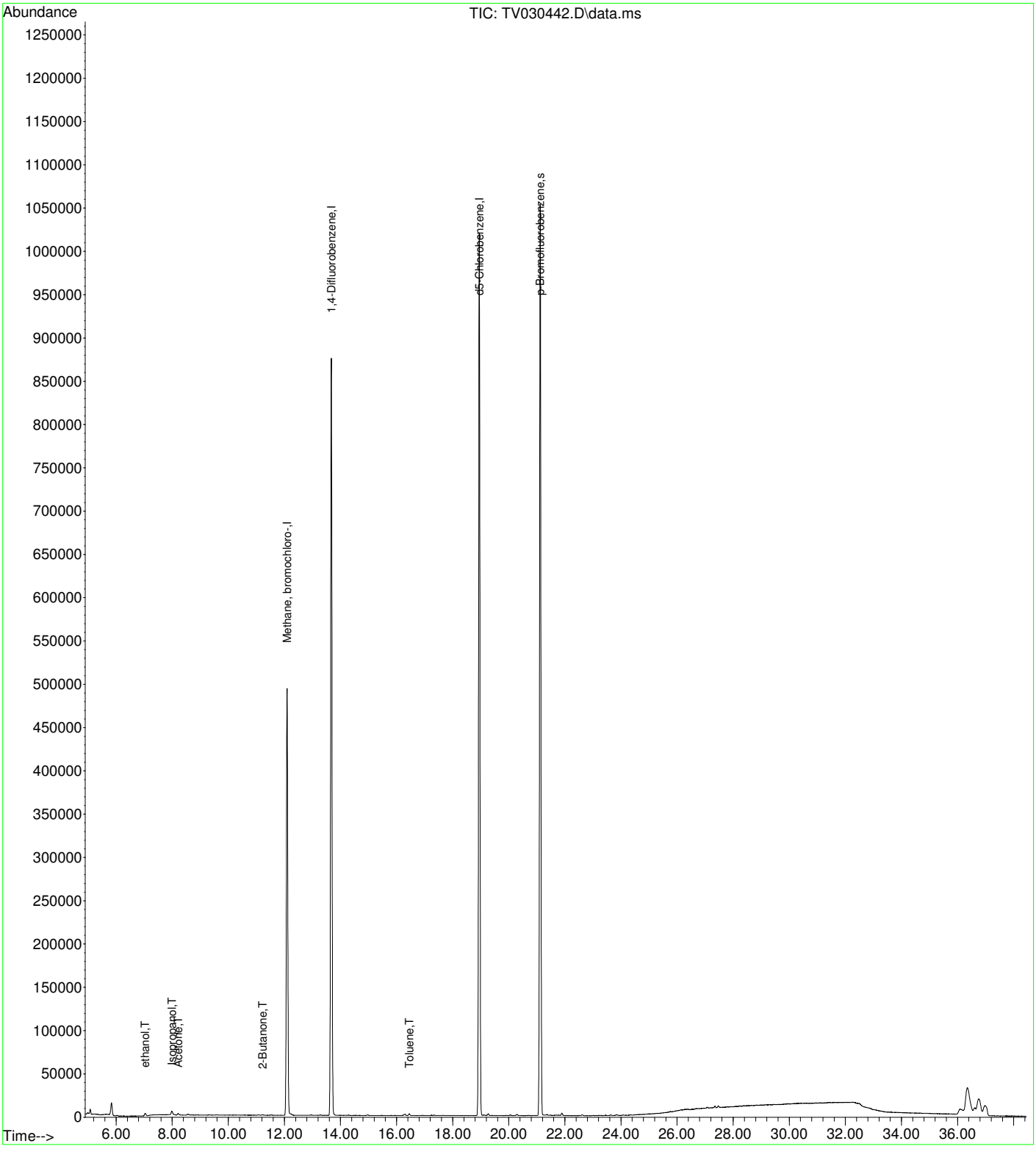
Quant Time: Apr 21 13:32:02 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

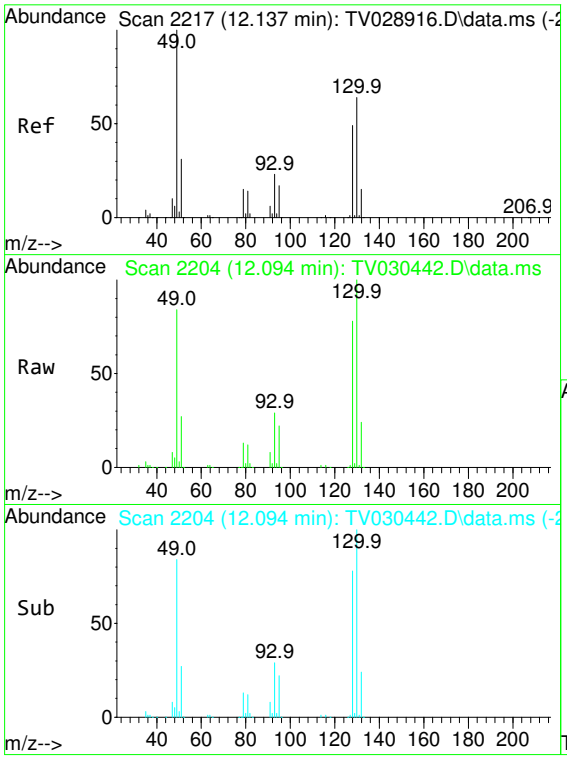
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.094	49	325464	10.00	ppbv	#-0.02
39) 1,4-Difluorobenzene	13.673	114	1404280	10.00	ppbv	-0.02
55) d5-Chlorobenzene	18.945	117	1229269	10.00	ppbv	-0.02
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	731117	0.33	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.038	45	3623	0.26	ppbv	86
13) Isopropanol	7.985	45	9540	0.16	ppbv #	99
15) Acetone	8.208	43	3396	0.09	ppbv #	63
27) 2-Butanone	11.221	43	1157	0.02	ppbv #	56
47) Toluene	16.455	91	3087	0.02	ppbv #	93

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

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030442.D
Acq On : 21 Apr 2025 12:47 pm
Operator : YR
Sample : BD51581-BLK1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 13:32:02 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

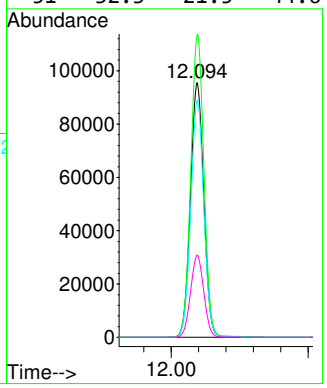


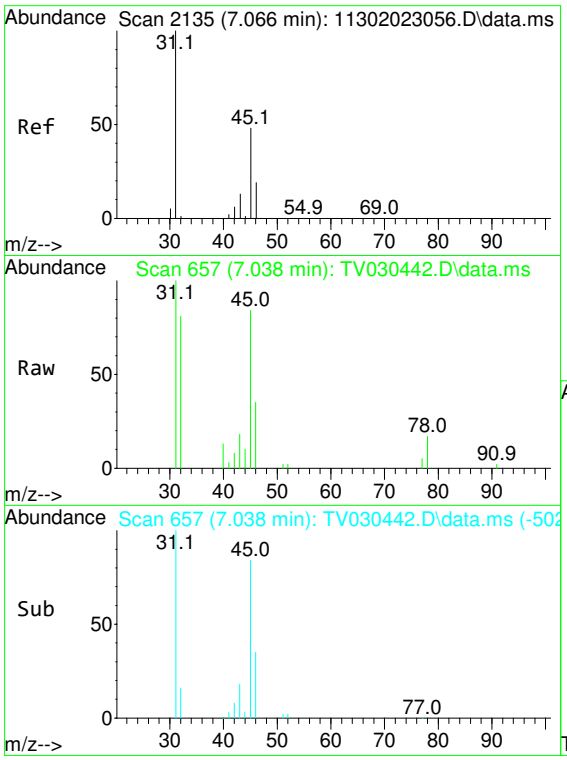


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.094 min Scan# 2204
Delta R.T. -0.017 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 49 Resp: 325464

Ion	Ratio	Lower	Upper
49	100		
130	117.8	44.5	92.3#
128	91.5	34.7	72.1#
51	32.3	21.5	44.6

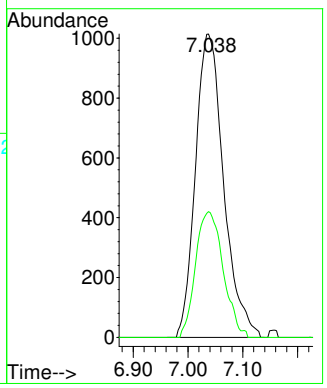


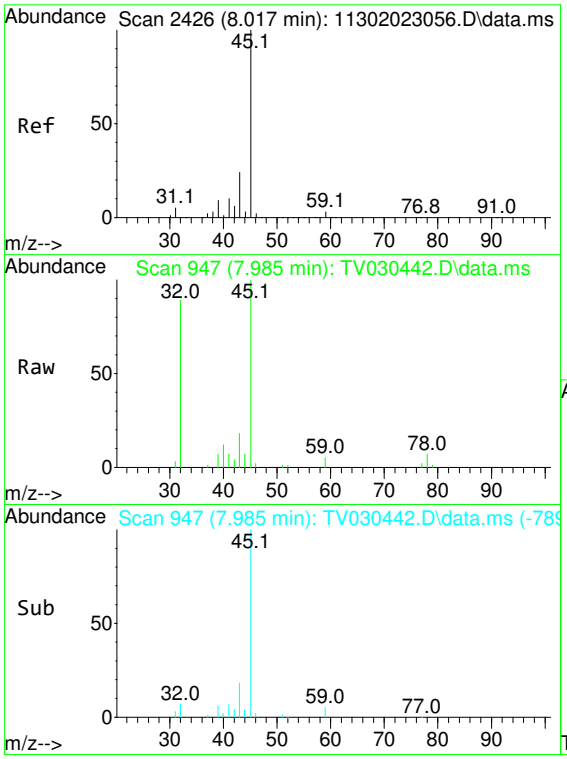


#10
ethanol
Concen: 0.26 ppbv
RT: 7.038 min Scan# 657
Delta R.T. 0.006 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 45 Resp: 3623

Ion	Ratio	Lower	Upper
45	100		
46	40.5	40.0	60.0

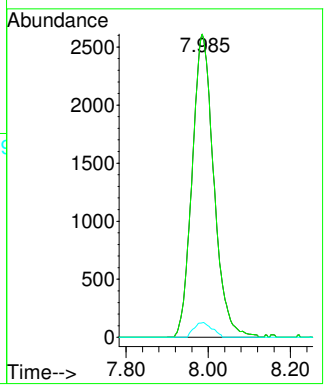


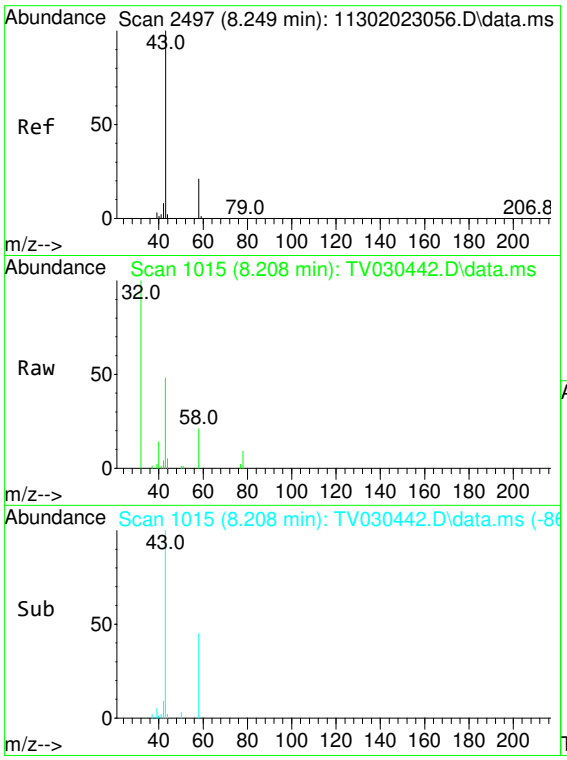


#13
Isopropanol
Concen: 0.16 ppbv
RT: 7.985 min Scan# 947
Delta R.T. 0.016 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 45 Resp: 9540

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

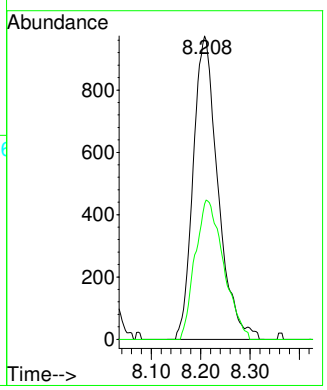


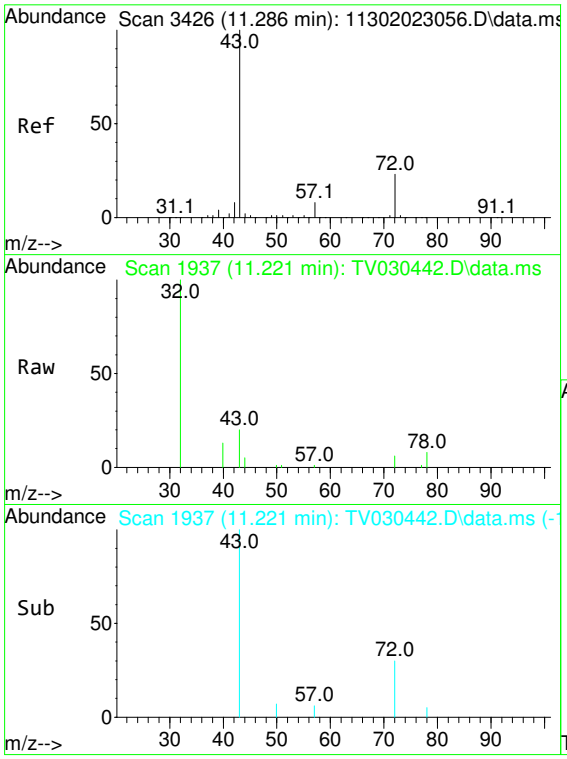


#15
Acetone
Concen: 0.09 ppbv
RT: 8.208 min Scan# 1015
Delta R.T. 0.006 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 43 Resp: 3396

Ion	Ratio	Lower	Upper
43	100		
58	52.6	20.7	42.9#

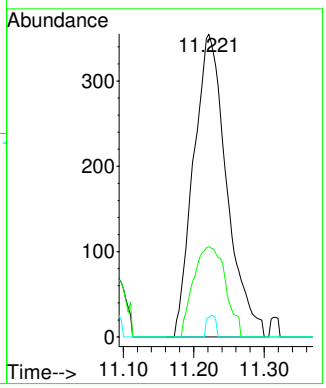


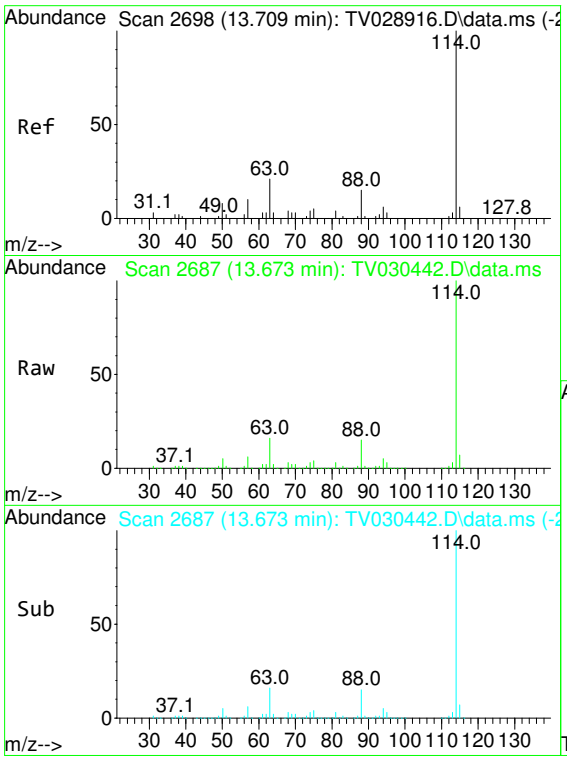


#27
2-Butanone
Concen: 0.02 ppbv
RT: 11.221 min Scan# 1937
Delta R.T. 0.010 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 43 Resp: 1157

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.4	34.2#
57	0.0	5.0	10.4#

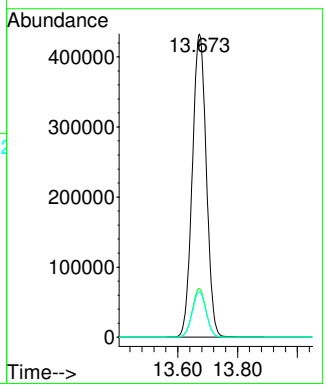


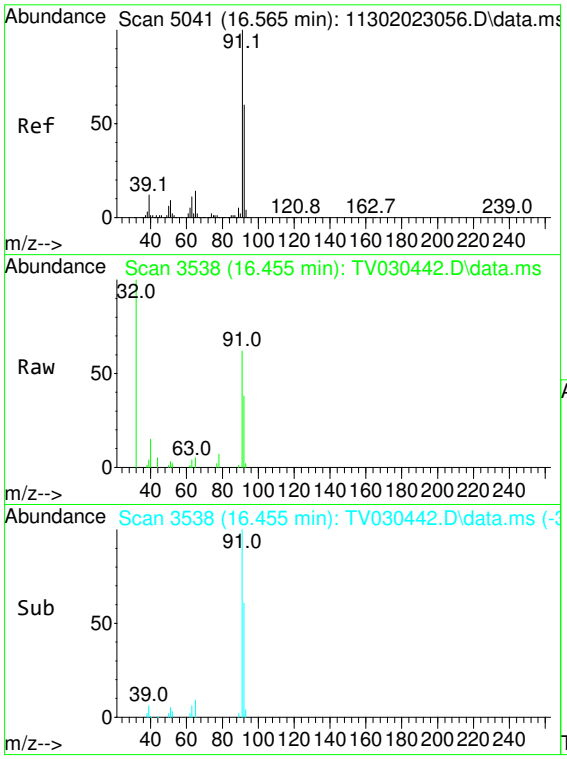


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.673 min Scan# 2687
Delta R.T. -0.016 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion:114 Resp: 1404280

Ion	Ratio	Lower	Upper
114	100		
63	15.8	14.0	29.2
88	14.8	11.2	23.2

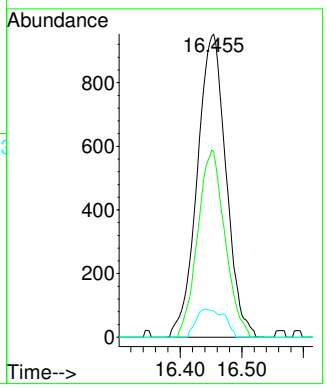


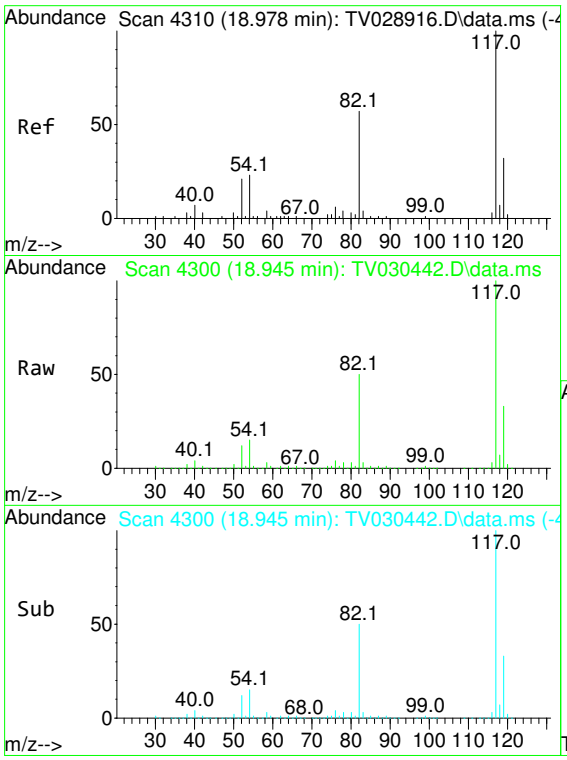


#47
Toluene
Concen: 0.02 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 91 Resp: 3087

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.0	81.0
65	0.0	7.7	16.1#

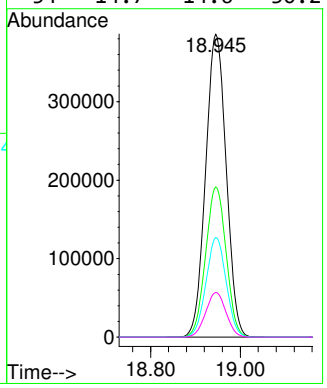


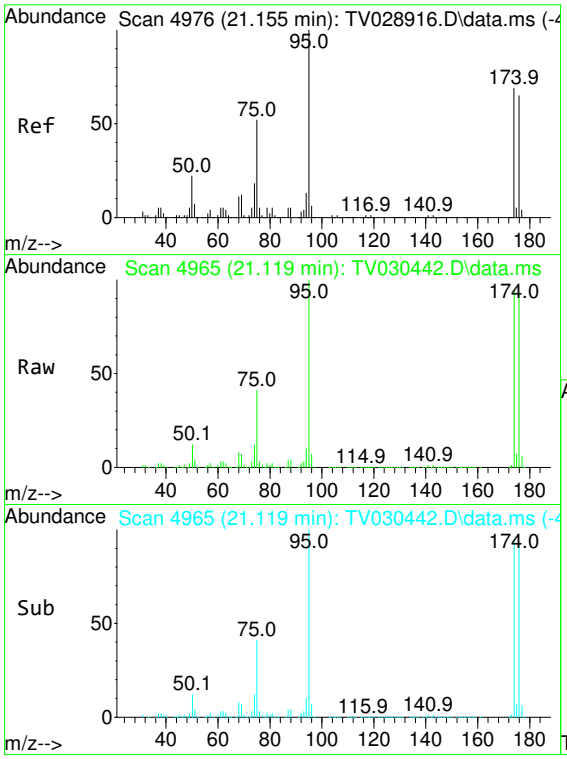


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion:117 Resp: 1229269

Ion	Ratio	Lower	Upper
117	100		
82	49.4	38.7	80.5
119	32.4	20.3	42.3
54	14.7	14.6	30.2

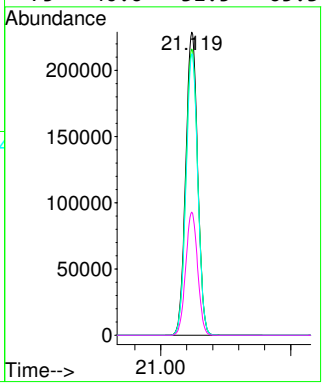




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030442.D
Acq: 21 Apr 2025 12:47 pm

Tgt Ion: 95 Resp: 731117

Ion	Ratio	Lower	Upper
95	100		
174	94.3	50.0	103.8
176	91.7	48.2	100.2
75	40.6	31.5	65.3



Tentatively Identified Compound (LSC) summary

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030442.D
Acq On : 21 Apr 2025 12:47 pm
Operator : YR
Sample : BD51581-BLK1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1

Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51611-BLK1	File ID:	TV030470.D
Prepared:	04/22/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/22/25 13:08	Instrument:	TO15_AIR3		
Batch:	BD51611	Sequence:	S5D2228	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.69	U
71-55-6	1,1,1-Trichloroethane	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.77	U
79-00-5	1,1,2-Trichloroethane	0.55	U
75-34-3	1,1-Dichloroethane	0.40	U
75-35-4	1,1-Dichloroethylene	0.099	U
120-82-1	1,2,4-Trichlorobenzene	0.74	U
95-63-6	1,2,4-Trimethylbenzene	0.49	U
106-93-4	1,2-Dibromoethane	0.77	U
95-50-1	1,2-Dichlorobenzene	0.60	U
107-06-2	1,2-Dichloroethane	0.40	U
78-87-5	1,2-Dichloropropane	0.46	U
76-14-2	1,2-Dichlorotetrafluoroethane	0.70	U
108-67-8	1,3,5-Trimethylbenzene	0.49	U
106-99-0	1,3-Butadiene	0.66	U
541-73-1	1,3-Dichlorobenzene	0.60	U
142-28-9	1,3-Dichloropropane	0.46	U
106-46-7	1,4-Dichlorobenzene	0.60	U
123-91-1	1,4-Dioxane	0.72	U
540-84-1	2,2,4-Trimethylpentane	0.23	U
78-93-3	2-Butanone	0.29	U
591-78-6	2-Hexanone	0.82	U
107-05-1	3-Chloropropene	1.6	U
108-10-1	4-Methyl-2-pentanone	0.41	U
67-64-1	Acetone	1.9	U
107-13-1	Acrylonitrile	2.8	U
71-43-2	Benzene	0.32	U
100-44-7	Benzyl chloride	0.52	U
75-27-4	Bromodichloromethane	0.67	U

FORM I

METHOD BLANK DATA SHEET
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51611-BLK1	File ID:	TV030470.D
Prepared:	04/22/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/22/25 13:08	Instrument:	TO15_AIR3		
Batch:	BD51611	Sequence:	S5D2228	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	0.39	U
75-15-0	Carbon disulfide	0.31	U
56-23-5	Carbon tetrachloride	0.16	U
108-90-7	Chlorobenzene	0.46	U
75-00-3	Chloroethane	0.26	U
67-66-3	Chloroform	0.49	U
74-87-3	Chloromethane	0.21	U
156-59-2	cis-1,2-Dichloroethylene	0.099	U
10061-01-5	cis-1,3-Dichloropropylene	0.45	U
110-82-7	Cyclohexane	0.34	U
124-48-1	Dibromochloromethane	0.85	U
75-71-8	Dichlorodifluoromethane	0.49	U
141-78-6	Ethyl acetate	0.72	U
100-41-4	Ethyl Benzene	0.43	U
87-68-3	Hexachlorobutadiene	1.1	U
67-63-0	Isopropanol	1.5	U
80-62-6	Methyl Methacrylate	0.41	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.36	U
75-09-2	Methylene chloride	2.1	U
91-20-3	Naphthalene	1.0	U
142-82-5	n-Heptane	0.41	U
110-54-3	n-Hexane	0.35	U
95-47-6	o-Xylene	0.43	U
179601-23-1	p- & m- Xylenes	0.87	U
622-96-8	p-Ethyltoluene	0.49	U
115-07-1	Propylene	0.17	U
100-42-5	Styrene	0.43	U
127-18-4	Tetrachloroethylene	0.68	U
109-99-9	Tetrahydrofuran	0.59	U

FORM I

METHOD BLANK DATA SHEET

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25C1721
Client:	PVE, LLC.			Project:	20240302
Matrix:	Air	Laboratory ID:	BD51611-BLK1	File ID:	TV030470.D
Prepared:	04/22/25 08:00	Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL
Analyzed:	04/22/25 13:08	Instrument:	TO15_AIR3		
Batch:	BD51611	Sequence:	S5D2228	Calibration:	SB50035

CAS NO.	COMPOUND	CONC. (ug/m³)	Q
108-88-3	Toluene	0.38	U
156-60-5	trans-1,2-Dichloroethylene	0.40	U
10061-02-6	trans-1,3-Dichloropropylene	0.45	U
79-01-6	Trichloroethylene	0.13	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.56	U
108-05-4	Vinyl acetate	0.35	U
593-60-2	Vinyl bromide	0.44	U
75-01-4	Vinyl Chloride	0.13	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	315890	12.094	307667	12.101	
ISTD: 1,4-Difluorobenzene	1291618	13.673	1278007	13.676	
ISTD: d5-Chlorobenzene	1104775	18.945	1084582	18.949	

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030470.D
Acq On : 22 Apr 2025 01:08 pm
Operator : YR
Sample : BD51611-BLK1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

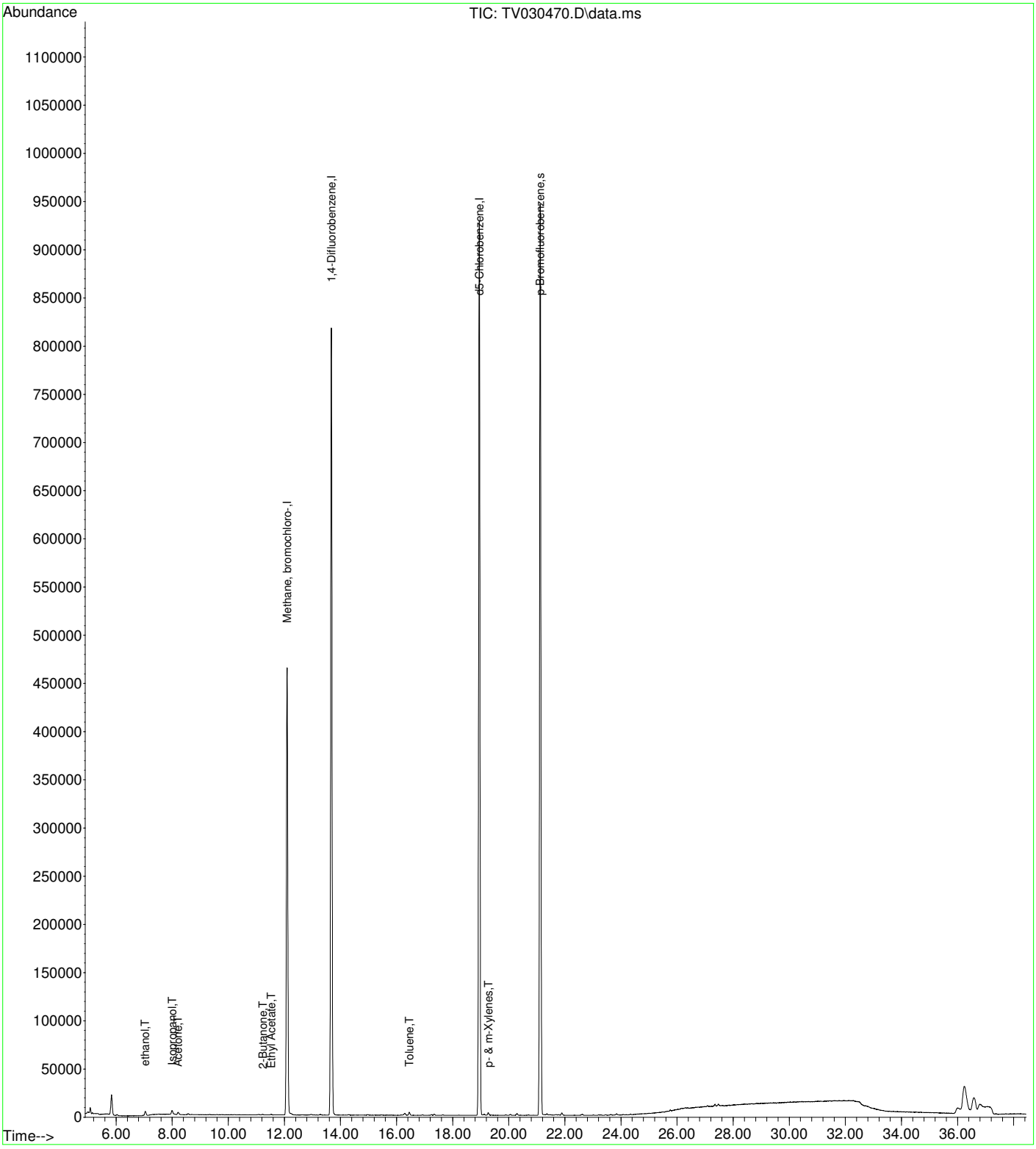
Quant Time: Apr 22 13:59:06 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

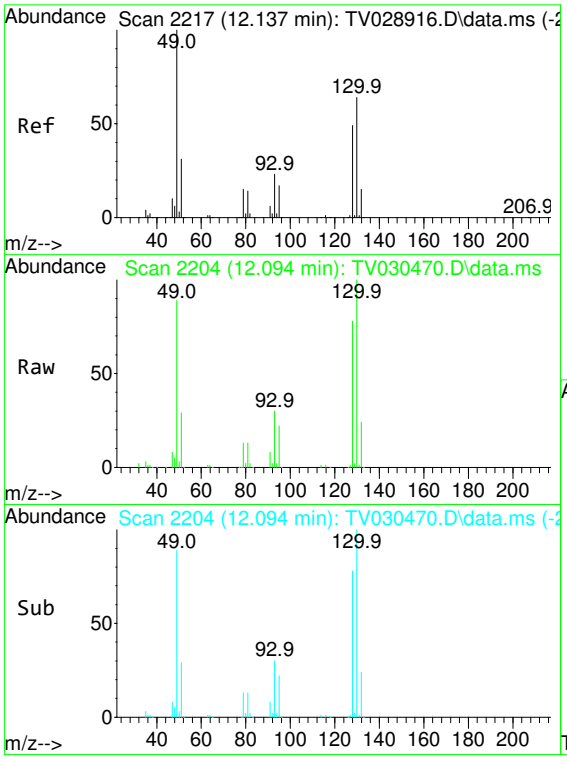
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.094	49	315890	10.00	ppbv	#-0.02
39) 1,4-Difluorobenzene	13.673	114	1291618	10.00	ppbv	-0.02
55) d5-Chlorobenzene	18.945	117	1104775	10.00	ppbv	-0.02
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	661117	0.33	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.038	45	5361	0.40	ppbv	88
13) Isopropanol	7.992	45	9211	0.16	ppbv #	99
15) Acetone	8.205	43	5233	0.14	ppbv #	69
27) 2-Butanone	11.228	43	1432	0.03	ppbv #	56
28) Ethyl Acetate	11.526	43	1327	0.02	ppbv #	66
47) Toluene	16.455	91	4817	0.04	ppbv #	93
59) p- & m-Xylenes	19.272	91	3082	0.03	ppbv #	92

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030470.D
Acq On : 22 Apr 2025 01:08 pm
Operator : YR
Sample : BD51611-BLK1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 13:59:06 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

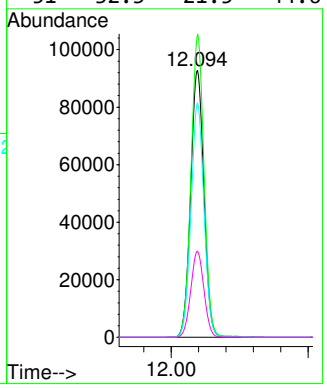


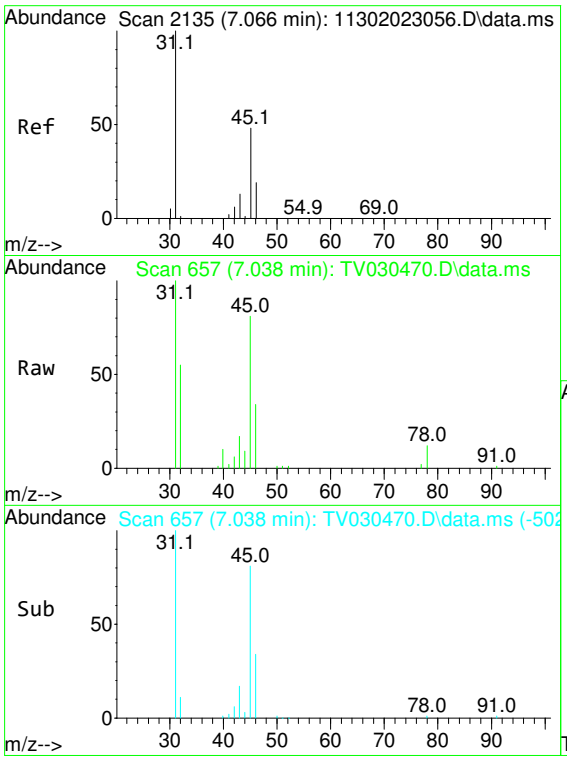


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.094 min Scan# 2204
Delta R.T. -0.017 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 49 Resp: 315890

Ion	Ratio	Lower	Upper
49	100		
130	111.3	44.5	92.3#
128	86.2	34.7	72.1#
51	32.3	21.5	44.6

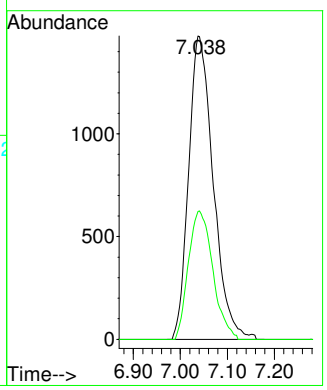


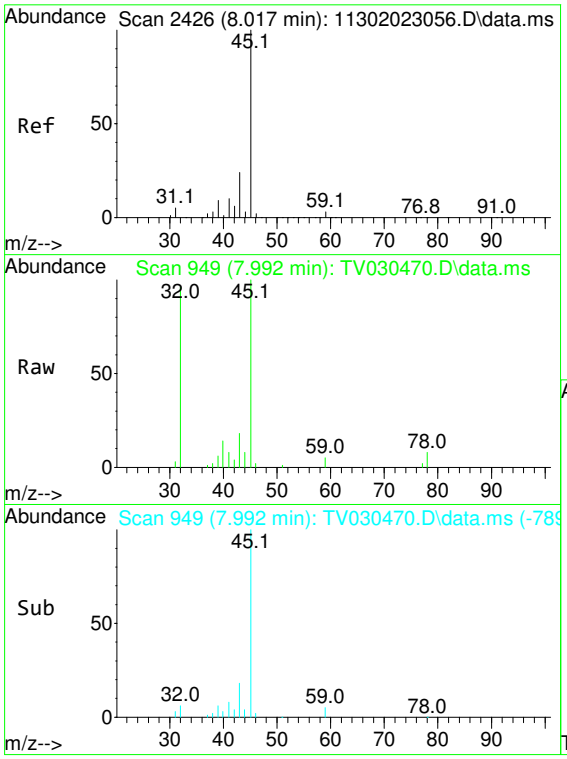


#10
ethanol
Concen: 0.40 ppbv
RT: 7.038 min Scan# 657
Delta R.T. 0.007 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 45 Resp: 5361

Ion	Ratio	Lower	Upper
45	100		
46	42.0	40.0	60.0

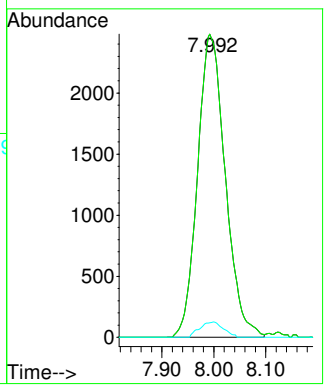


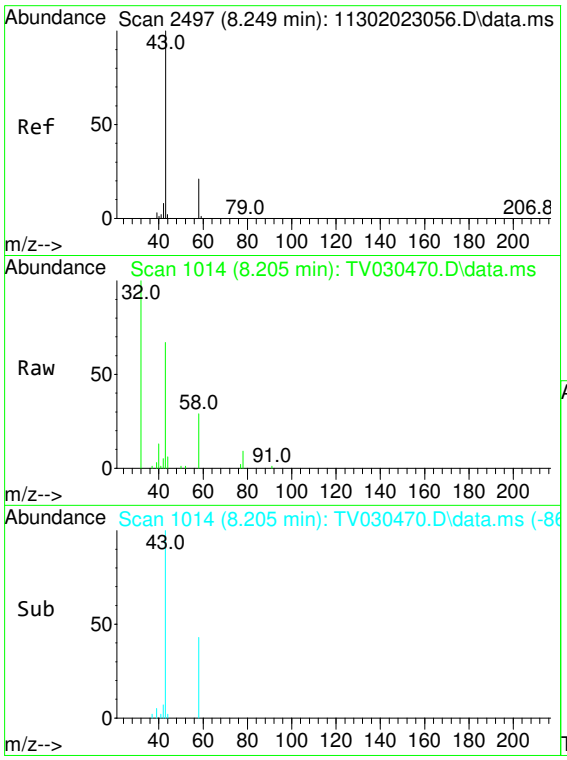


#13
Isopropanol
Concen: 0.16 ppbv
RT: 7.992 min Scan# 949
Delta R.T. 0.023 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 45 Resp: 9211

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	0.0	0.0	8.4

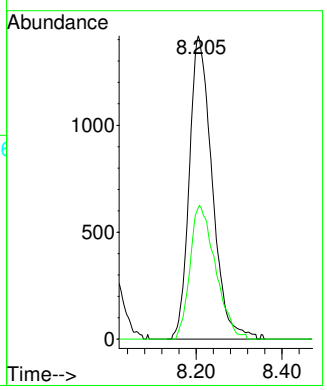


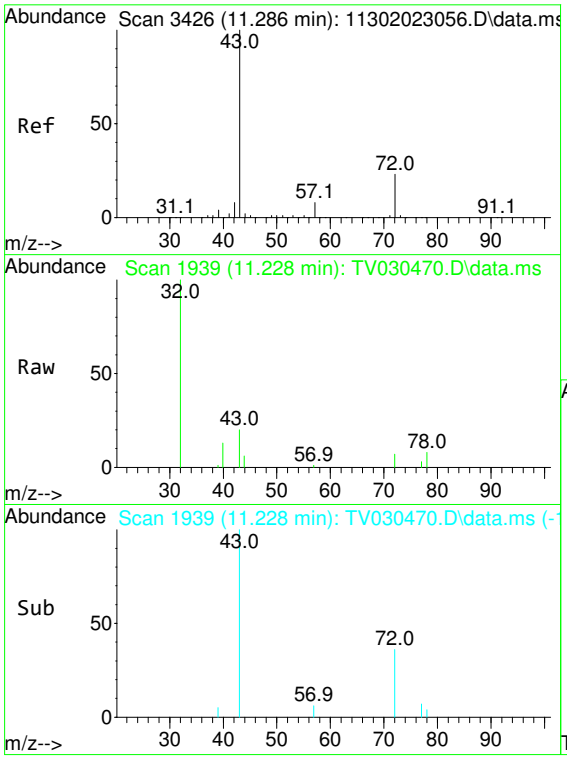


#15
Acetone
Concen: 0.14 ppbv
RT: 8.205 min Scan# 1014
Delta R.T. 0.003 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 43 Resp: 5233

Ion	Ratio	Lower	Upper
43	100		
58	49.1	20.7	42.9#

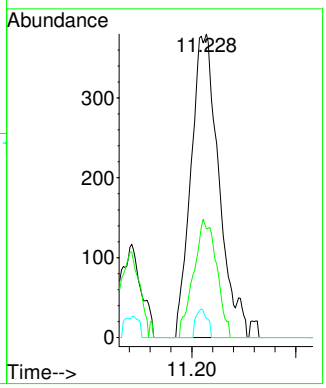


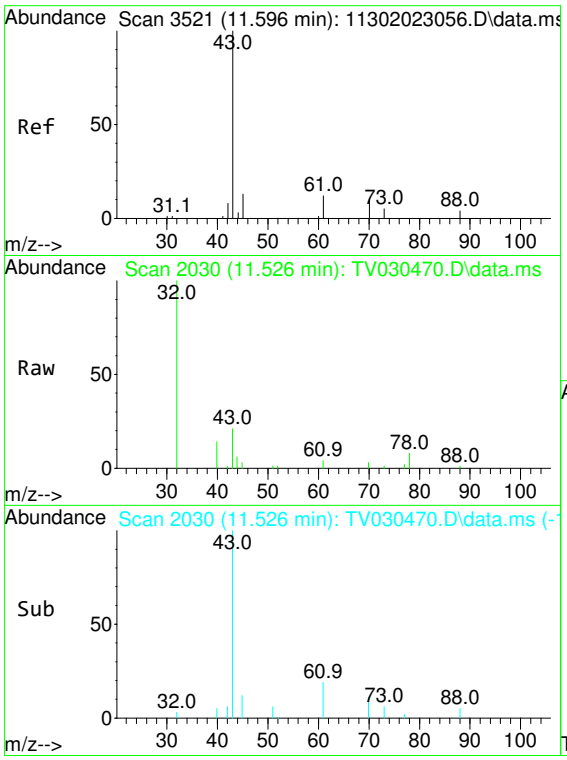


#27
2-Butanone
Concen: 0.03 ppbv
RT: 11.228 min Scan# 1939
Delta R.T. 0.016 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 43 Resp: 1432

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.4	34.2#
57	0.0	5.0	10.4#

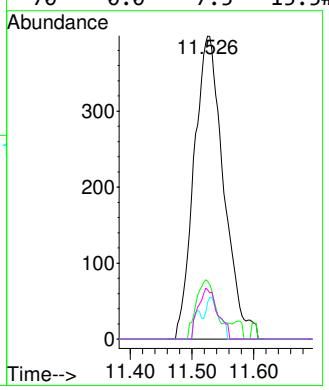


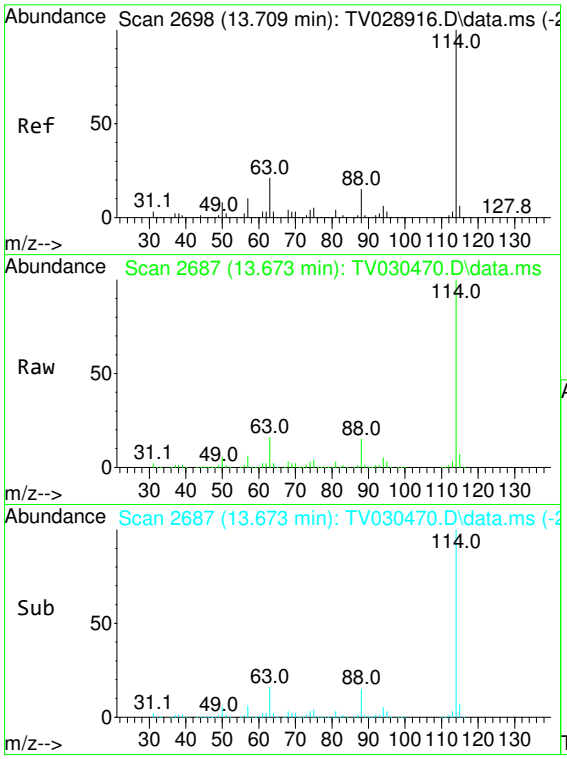


#28
Ethyl Acetate
Concen: 0.02 ppbv
RT: 11.526 min Scan# 2030
Delta R.T. 0.007 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.2	19.2#
45	0.0	9.4	19.6#
70	0.0	7.5	15.5#

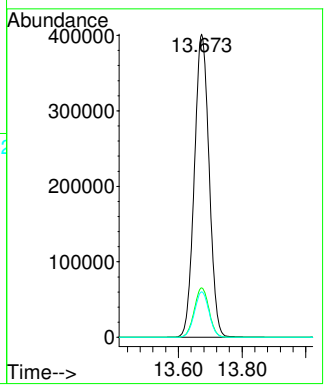


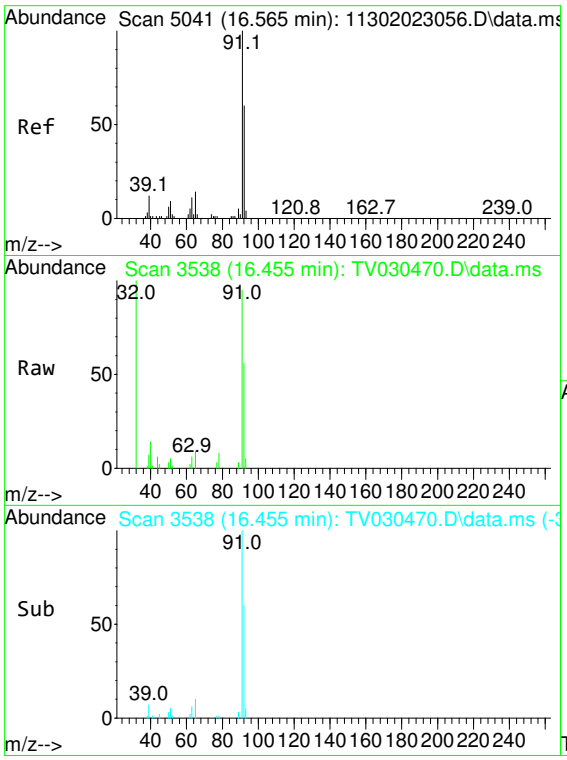


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.673 min Scan# 2687
Delta R.T. -0.016 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion:114 Resp: 1291618

Ion	Ratio	Lower	Upper
114	100		
63	16.4	14.0	29.2
88	14.9	11.2	23.2

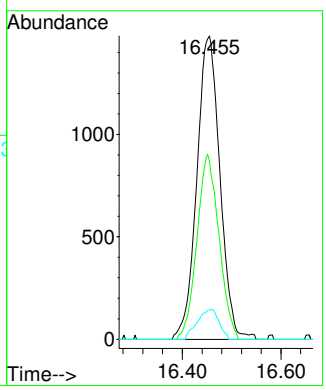


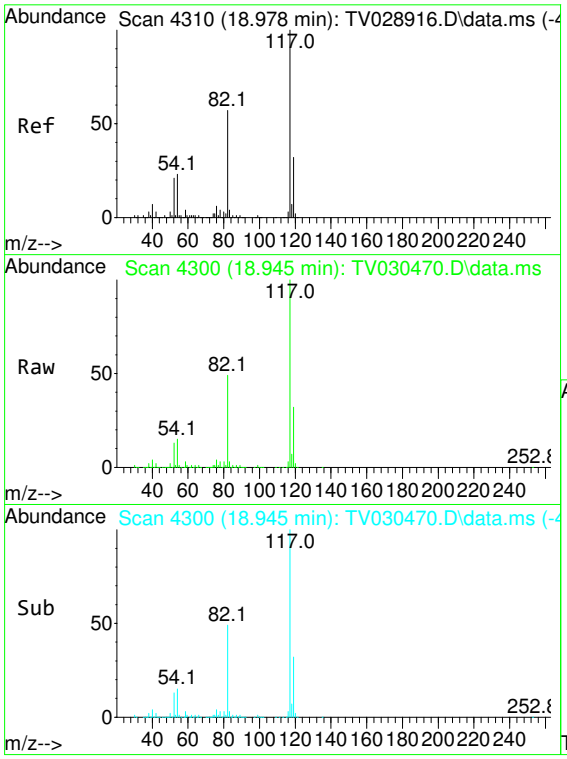


#47
Toluene
Concen: 0.04 ppbv
RT: 16.455 min Scan# 3538
Delta R.T. -0.013 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 91 Resp: 4817

Ion	Ratio	Lower	Upper
91	100		
92	57.9	39.0	81.0
65	0.0	7.7	16.1#

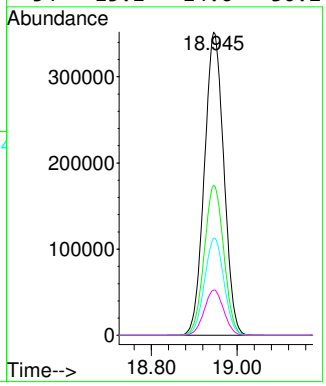


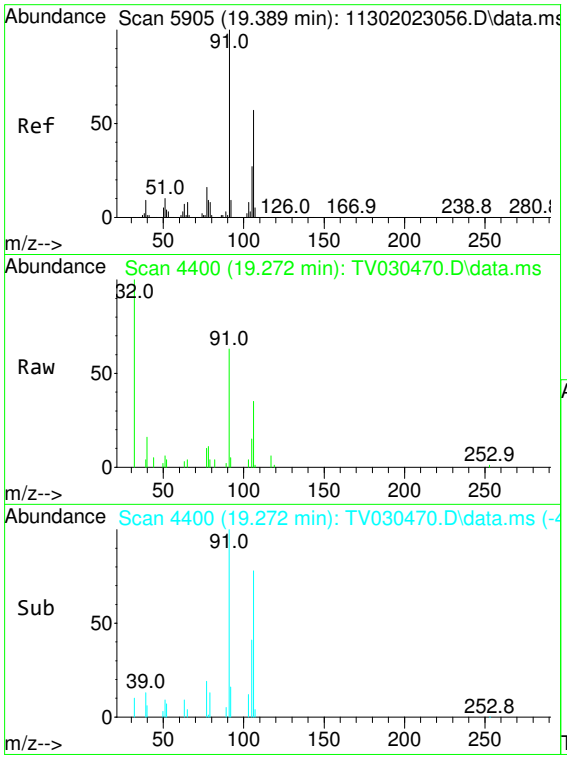


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.945 min Scan# 4300
Delta R.T. -0.016 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion:117 Resp: 1104775

Ion	Ratio	Lower	Upper
117	100		
82	49.7	38.7	80.5
119	32.2	20.3	42.3
54	15.1	14.6	30.2

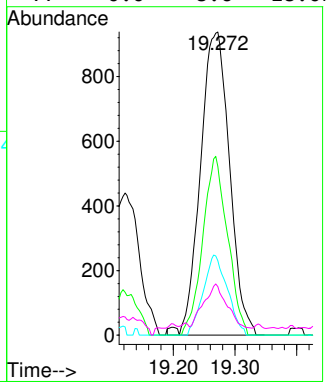


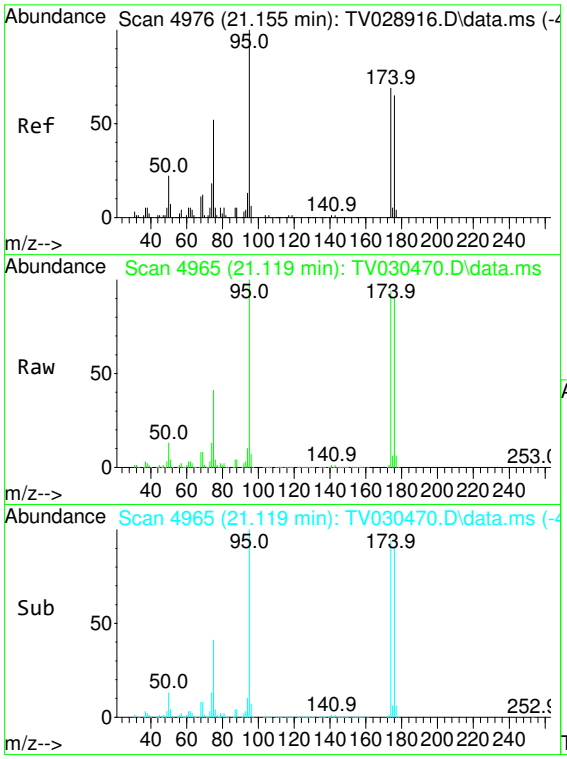


#59
p- & m-Xylenes
Concen: 0.03 ppbv
RT: 19.272 min Scan# 4400
Delta R.T. -0.010 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 91 Resp: 3082

Ion	Ratio	Lower	Upper
91	100		
106	50.1	31.0	64.4
105	21.9	13.4	27.8
77	0.0	8.6	18.0#

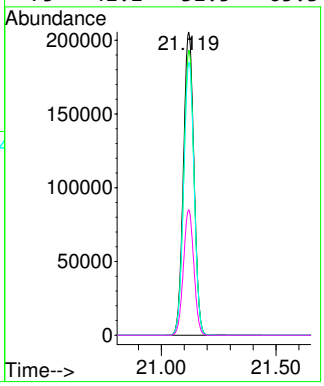




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.119 min Scan# 4965
Delta R.T. -0.016 min
Lab File: TV030470.D
Acq: 22 Apr 2025 01:08 pm

Tgt Ion: 95 Resp: 661117

Ion	Ratio	Lower	Upper
95	100		
174	92.4	50.0	103.8
176	89.8	48.2	100.2
75	41.1	31.5	65.3



FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Lab File ID:	TV029015.D	Injection Date:	02/13/25
Instrument ID:	TO15_AIR3	Injection Time:	18:13
Sequence:	S5B1425	Lab Sample ID:	S5B1425-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	14	PASS
75	30 - 66% of 95	42.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.76	PASS
173	Less than 2% of 174	0.477	PASS
174	50 - 120% of 95	77.3	PASS
175	4 - 9% of 174	6.89	PASS
176	93 - 101% of 174	97.6	PASS
177	5 - 9% of 176	6.32	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Lab File ID:	TV030438.D	Injection Date:	04/21/25
Instrument ID:	TO15_AIR3	Injection Time:	09:42
Sequence:	S5D2211	Lab Sample ID:	S5D2211-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	12.4	PASS
75	30 - 66% of 95	40.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.71	PASS
173	Less than 2% of 174	0.537	PASS
174	50 - 120% of 95	96	PASS
175	4 - 9% of 174	6.96	PASS
176	93 - 101% of 174	96.9	PASS
177	5 - 9% of 176	6.53	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Lab File ID:	TV030466.D	Injection Date:	04/22/25
Instrument ID:	TO15_AIR3	Injection Time:	10:02
Sequence:	S5D2228	Lab Sample ID:	S5D2228-TUN1

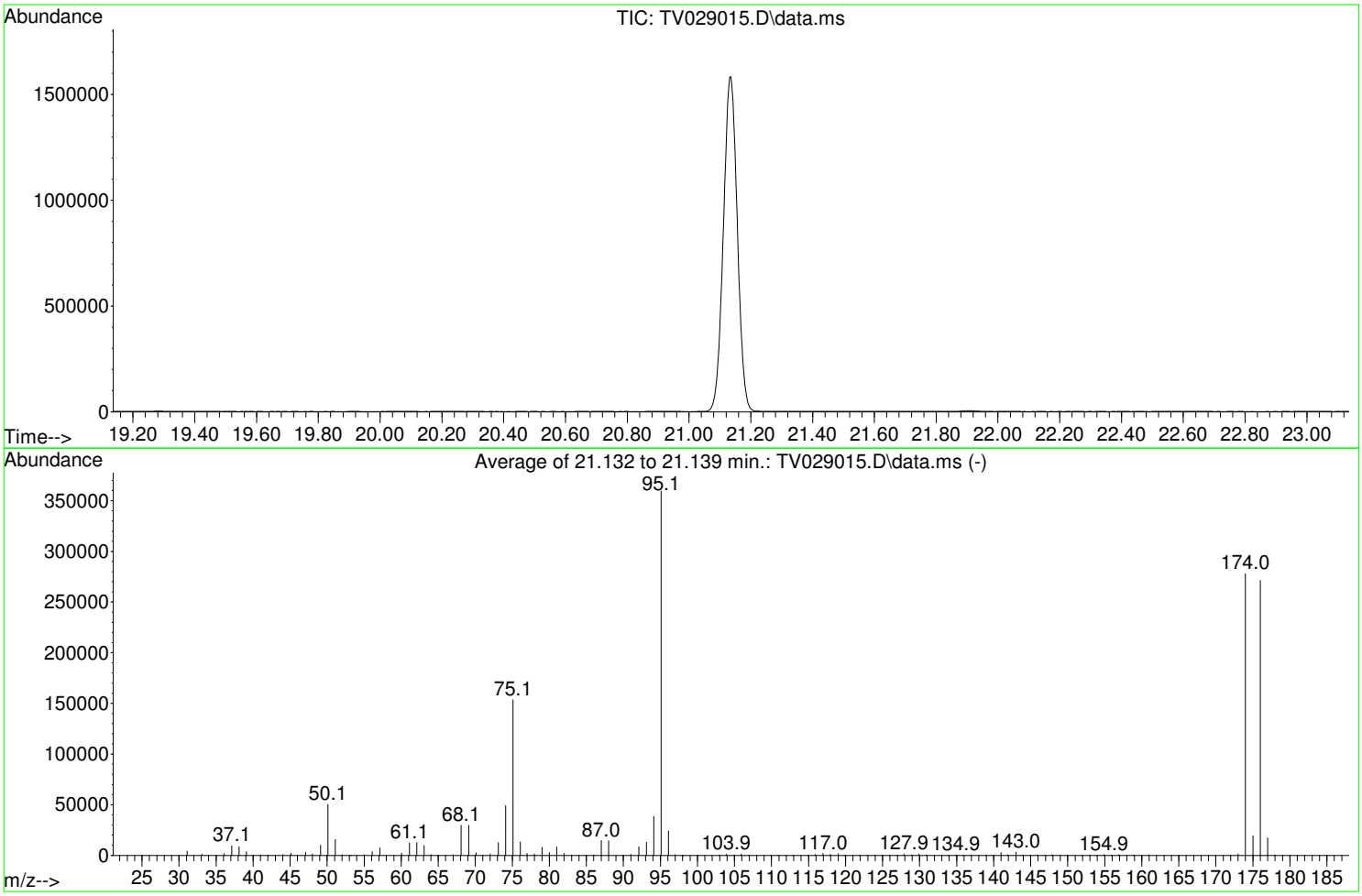
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8 - 40% of 95	12.8	PASS
75	30 - 66% of 95	41.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.81	PASS
173	Less than 2% of 174	0.523	PASS
174	50 - 120% of 95	92.2	PASS
175	4 - 9% of 174	6.87	PASS
176	93 - 101% of 174	96	PASS
177	5 - 9% of 176	6.63	PASS

BFB

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029015.D
Acq On : 13 Feb 2025 06:13 pm
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Title : TO15 VOC Analysis
Last Update : Fri Feb 14 11:35:20 2025



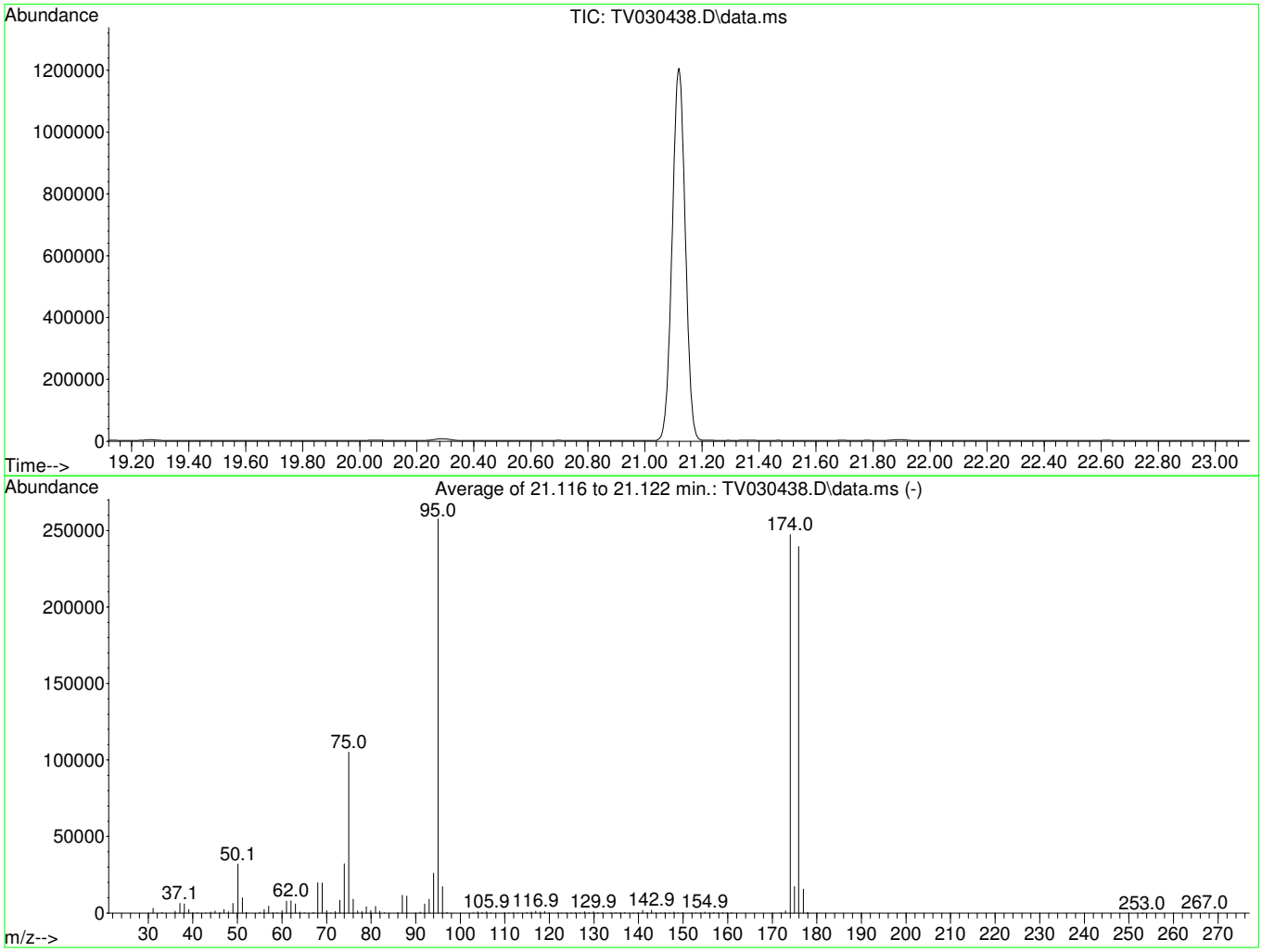
AutoFind: Scans 4969, 4970, 4971; Background Corrected with Scan 4935

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.0	50275	PASS
75	95	30	66	42.7	153536	PASS
95	95	100	100	100.0	359595	PASS
96	95	5	9	6.8	24291	PASS
173	174	0.00	2	0.5	1327	PASS
174	95	50	120	77.3	277931	PASS
175	174	4	9	6.9	19160	PASS
176	174	93	101	97.6	271232	PASS
177	176	5	9	6.3	17139	PASS

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030438.D
Acq On : 21 Apr 2025 09:42 am
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO3032725A .533X
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Title : TO15 VOC Analysis
Last Update : Thu Feb 27 14:27:49 2025



AutoFind: Scans 4964, 4965, 4966; Background Corrected with Scan 4932

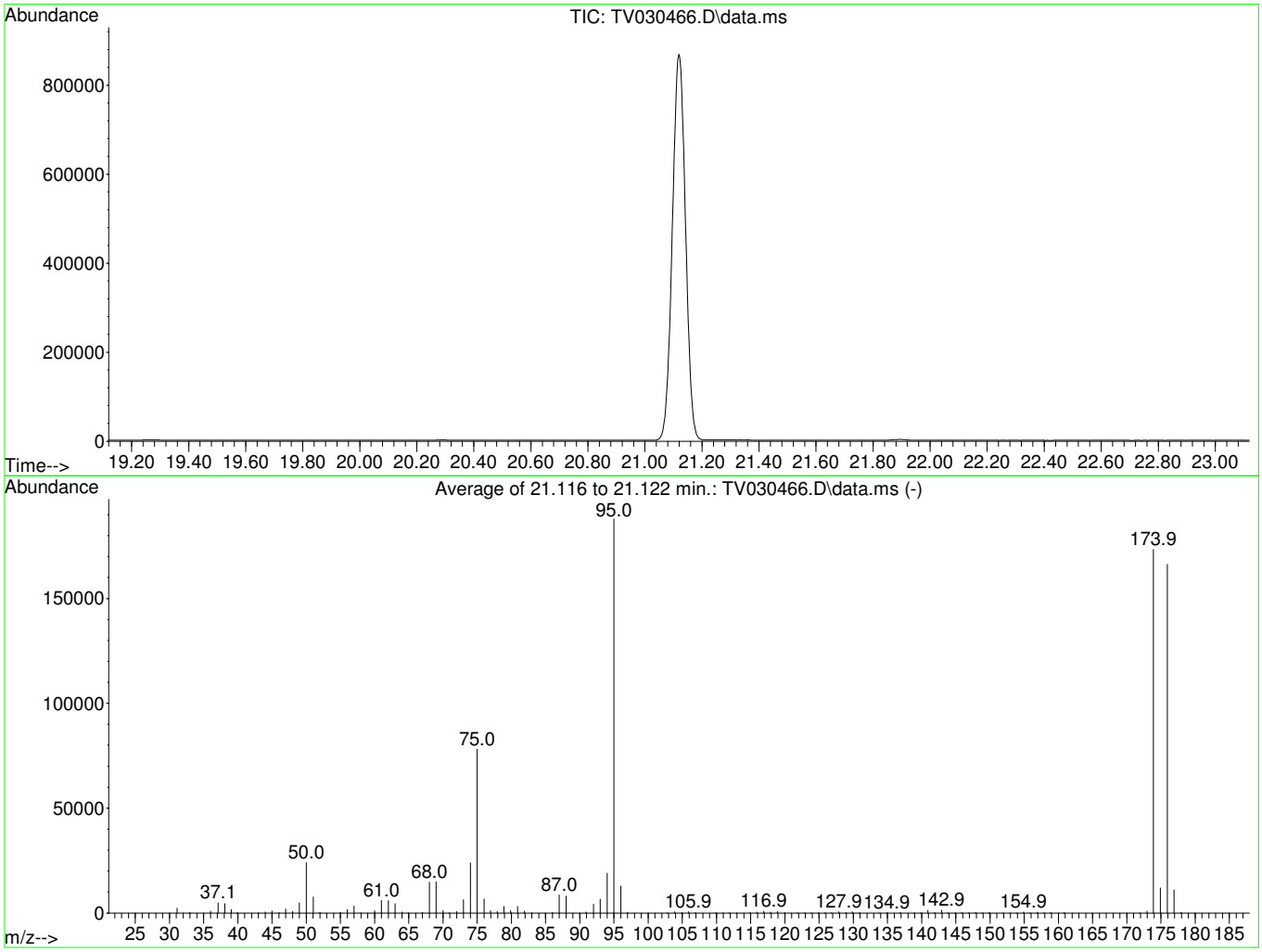
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.4	32040	PASS
75	95	30	66	40.8	105149	PASS
95	95	100	100	100.0	257557	PASS
96	95	5	9	6.7	17277	PASS
173	174	0.00	2	0.5	1328	PASS
174	95	50	120	96.0	247360	PASS
175	174	4	9	7.0	17211	PASS
176	174	93	101	96.9	239616	PASS
177	176	5	9	6.5	15638	PASS

BFB

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030466.D
Acq On : 22 Apr 2025 10:02 am
Operator : YR
Sample : SEQ-TUN1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Integration File: rteint.p

Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Title : TO15 VOC Analysis
Last Update : Thu Feb 27 14:27:49 2025



AutoFind: Scans 4964, 4965, 4966; Background Corrected with Scan 4932

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.8	24035	PASS
75	95	30	66	41.5	78013	PASS
95	95	100	100	100.0	187989	PASS
96	95	5	9	6.8	12793	PASS
173	174	0.00	2	0.5	907	PASS
174	95	50	120	92.2	173312	PASS
175	174	4	9	6.9	11911	PASS
176	174	93	101	96.0	166293	PASS
177	176	5	9	6.6	11020	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Sequence: S5B1425
Instrument: TO15_AIR3
Calibration: SB50035

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5B1425-TUN1	TV029015.D	02/13/25 18:13
Cal Standard	S5B1425-CAL1	TV029017.D	02/13/25 19:44
Cal Standard	S5B1425-CAL2	TV029018.D	02/13/25 20:29
Cal Standard	S5B1425-CAL3	TV029019.D	02/13/25 21:15
Cal Standard	S5B1425-CAL4	TV029020.D	02/13/25 22:00
Cal Standard	S5B1425-CAL5	TV029021.D	02/13/25 22:46
Cal Standard	S5B1425-CAL6	TV029022.D	02/13/25 23:31
Cal Standard	S5B1425-CAL7	TV029023.D	02/14/25 00:16
Cal Standard	S5B1425-CAL8	TV029024.D	02/14/25 01:02
Cal Standard	S5B1425-CAL9	TV029025.D	02/14/25 01:47
Cal Standard	S5B1425-CALA	TV029026.D	02/14/25 02:33
Cal Standard	S5B1425-CALB	TV029027.D	02/14/25 03:18
Cal Standard	S5B1425-CALC	TV029028.D	02/14/25 04:03
Cal Standard	S5B1425-CALD	TV029029.D	02/14/25 04:49
Cal Standard	S5B1425-CALE	TV029030.D	02/14/25 05:34
Cal Standard	S5B1425-CALF	TV029031.D	02/14/25 06:20
Cal Standard	S5B1425-CALG	TV029032.D	02/14/25 07:05
Secondary Cal Check	S5B1425-SCV1	TV029035.D	02/14/25 09:21

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2211	Instrument:	TO15_AIR3
		Calibration:	SB50035

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5D2211-TUN1	TV030438.D	04/21/25 09:42
Calibration Check	S5D2211-CCV1	TV030439.D	04/21/25 10:28
LCS	BD51581-BS1	TV030440.D	04/21/25 11:14
Blank	BD51581-BLK1	TV030442.D	04/21/25 12:47
SSV-1 20250326	25C1721-01	TV030443.D	04/21/25 13:33
SSV-1 20250326	BD51581-DUP1	TV030444.D	04/21/25 14:19
AI-1 20250326	25C1721-02	TV030448.D	04/21/25 18:32
AI-3 20250326	25C1721-06	TV030449.D	04/21/25 20:44
AI-4 20250326	25C1721-08	TV030450.D	04/21/25 21:30
AI-5 20250326	25C1721-10	TV030451.D	04/21/25 22:16
AI-6 20250326	25C1721-11	TV030452.D	04/21/25 23:03
AI-7 20250326	25C1721-12	TV030453.D	04/21/25 23:49
AO-1 20250326	25C1721-13	TV030454.D	04/22/25 00:35
SSV-3 20250326	25C1721-05	TV030455.D	04/22/25 01:22
SSV-4 20250326	25C1721-07	TV030456.D	04/22/25 02:08
SSV-5 20250326	25C1721-09	TV030457.D	04/22/25 02:54

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2228	Instrument:	TO15_AIR3
		Calibration:	SB50035

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5D2228-TUN1	TV030466.D	04/22/25 10:02
Calibration Check	S5D2228-CCV1	TV030467.D	04/22/25 10:48
LCS	BD51611-BS1	TV030468.D	04/22/25 11:35
Blank	BD51611-BLK1	TV030470.D	04/22/25 13:08
SSV-2 20250326	25C1721-03	TV030471.D	04/22/25 14:36
AI-2 20250326	25C1721-04	TV030472.D	04/22/25 15:23

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Sequence: S5D2211
Instrument: TO15_AIR3
Batch: BD51581
Calibration: SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SSV-1 20250326 (25C1721-01)			Lab File ID: TV030443.D			Analyzed: 04/21/25 13:33			
Bromochloromethane	315704	12.097	295097	12.097	107	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1365935	13.676	1218414	13.676	112	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1202338	18.948	1099221	18.948	109	60 - 140	0.0000	+/-0.33	
AI-1 20250326 (25C1721-02)			Lab File ID: TV030448.D			Analyzed: 04/21/25 18:32			
Bromochloromethane	302853	12.101	295097	12.097	103	60 - 140	0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1259602	13.676	1218414	13.676	103	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1101068	18.948	1099221	18.948	100	60 - 140	0.0000	+/-0.33	
AI-3 20250326 (25C1721-06)			Lab File ID: TV030449.D			Analyzed: 04/21/25 20:44			
Bromochloromethane	338854	12.101	295097	12.097	115	60 - 140	0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1380004	13.673	1218414	13.676	113	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1181636	18.945	1099221	18.948	107	60 - 140	-0.0030	+/-0.33	
AI-4 20250326 (25C1721-08)			Lab File ID: TV030450.D			Analyzed: 04/21/25 21:30			
Bromochloromethane	315255	12.101	295097	12.097	107	60 - 140	0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1303635	13.676	1218414	13.676	107	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1144583	18.945	1099221	18.948	104	60 - 140	-0.0030	+/-0.33	
AI-5 20250326 (25C1721-10)			Lab File ID: TV030451.D			Analyzed: 04/21/25 22:16			
Bromochloromethane	319926	12.097	295097	12.097	108	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1314737	13.676	1218414	13.676	108	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1126192	18.948	1099221	18.948	102	60 - 140	0.0000	+/-0.33	
AI-6 20250326 (25C1721-11)			Lab File ID: TV030452.D			Analyzed: 04/21/25 23:03			
Bromochloromethane	325911	12.101	295097	12.097	110	60 - 140	0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1331114	13.676	1218414	13.676	109	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1162585	18.945	1099221	18.948	106	60 - 140	-0.0030	+/-0.33	
AI-7 20250326 (25C1721-12)			Lab File ID: TV030453.D			Analyzed: 04/21/25 23:49			
Bromochloromethane	326848	12.101	295097	12.097	111	60 - 140	0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1306453	13.676	1218414	13.676	107	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1130303	18.949	1099221	18.948	103	60 - 140	0.0010	+/-0.33	
AO-1 20250326 (25C1721-13)			Lab File ID: TV030454.D			Analyzed: 04/22/25 00:35			
Bromochloromethane	320258	12.097	295097	12.097	109	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1304309	13.676	1218414	13.676	107	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1115798	18.949	1099221	18.948	102	60 - 140	0.0010	+/-0.33	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2211	Instrument:	TO15_AIR3
Batch:	BD51581	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SSV-3 20250326 (25C1721-05)			Lab File ID: TV030455.D			Analyzed: 04/22/25 01:22			
Bromochloromethane	321141	12.097	295097	12.097	109	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1291949	13.673	1218414	13.676	106	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1100118	18.945	1099221	18.948	100	60 - 140	-0.0030	+/-0.33	
SSV-4 20250326 (25C1721-07)			Lab File ID: TV030456.D			Analyzed: 04/22/25 02:08			
Bromochloromethane	322472	12.098	295097	12.097	109	60 - 140	0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1309708	13.673	1218414	13.676	107	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1133375	18.945	1099221	18.948	103	60 - 140	-0.0030	+/-0.33	
SSV-5 20250326 (25C1721-09)			Lab File ID: TV030457.D			Analyzed: 04/22/25 02:54			
Bromochloromethane	312563	12.098	295097	12.097	106	60 - 140	0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1285281	13.676	1218414	13.676	105	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1105377	18.945	1099221	18.948	101	60 - 140	-0.0030	+/-0.33	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2228	Instrument:	TO15_AIR3
Batch:	BD51611	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SSV-2 20250326 (25C1721-03)			Lab File ID: TV030471.D			Analyzed: 04/22/25 14:36			
Bromochloromethane	311376	12.097	307667	12.101	101	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1314706	13.676	1278007	13.676	103	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1077898	18.948	1084582	18.949	99	60 - 140	-0.0010	+/-0.33	
AI-2 20250326 (25C1721-04)			Lab File ID: TV030472.D			Analyzed: 04/22/25 15:23			
Bromochloromethane	305702	12.101	307667	12.101	99	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1258466	13.676	1278007	13.676	98	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1095163	18.949	1084582	18.949	101	60 - 140	0.0000	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5B1425	Instrument:	TO15_AIR3
Batch:	S5B1425	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5B1425-CAL1)			Lab File ID: TV029017.D			Analyzed: 02/13/25 19:44			
Bromochloromethane	583692	12.111	458161	12.111	127	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	2139210	13.686	1613869	13.689	133	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1785488	18.958	1492695	18.962	120	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL2)			Lab File ID: TV029018.D			Analyzed: 02/13/25 20:29			
Bromochloromethane	551096	12.107	458161	12.111	120	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1973370	13.686	1613869	13.689	122	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1658635	18.958	1492695	18.962	111	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL3)			Lab File ID: TV029019.D			Analyzed: 02/13/25 21:15			
Bromochloromethane	520116	12.107	458161	12.111	114	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1842573	13.686	1613869	13.689	114	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1552616	18.958	1492695	18.962	104	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL4)			Lab File ID: TV029020.D			Analyzed: 02/13/25 22:00			
Bromochloromethane	511475	12.11	458161	12.111	112	60 - 140	-0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1789030	13.686	1613869	13.689	111	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1519701	18.958	1492695	18.962	102	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL5)			Lab File ID: TV029021.D			Analyzed: 02/13/25 22:46			
Bromochloromethane	485908	12.107	458161	12.111	106	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1666405	13.686	1613869	13.689	103	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1428781	18.958	1492695	18.962	96	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL6)			Lab File ID: TV029022.D			Analyzed: 02/13/25 23:31			
Bromochloromethane	472893	12.107	458161	12.111	103	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1613992	13.686	1613869	13.689	100	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1399016	18.958	1492695	18.962	94	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL7)			Lab File ID: TV029023.D			Analyzed: 02/14/25 00:16			
Bromochloromethane	468660	12.107	458161	12.111	102	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1587444	13.686	1613869	13.689	98	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1376761	18.958	1492695	18.962	92	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CAL8)			Lab File ID: TV029024.D			Analyzed: 02/14/25 01:02			
Bromochloromethane	468130	12.107	458161	12.111	102	60 - 140	-0.0040	+/-0.33	
ISTD: 1,4-Difluorobenzene	1589517	13.686	1613869	13.689	98	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1380195	18.958	1492695	18.962	92	60 - 140	-0.0040	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5B1425	Instrument:	TO15_AIR3
Batch:	S5B1425	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5B1425-CAL9)			Lab File ID: TV029025.D			Analyzed: 02/14/25 01:47			
Bromochloromethane	477306	12.111	458161	12.111	104	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1663725	13.686	1613869	13.689	103	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1459173	18.958	1492695	18.962	98	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALA)			Lab File ID: TV029026.D			Analyzed: 02/14/25 02:33			
Bromochloromethane	462292	12.111	458161	12.111	101	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1610194	13.686	1613869	13.689	100	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1410815	18.958	1492695	18.962	95	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALB)			Lab File ID: TV029027.D			Analyzed: 02/14/25 03:18			
Bromochloromethane	463126	12.111	458161	12.111	101	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1616403	13.686	1613869	13.689	100	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1449737	18.958	1492695	18.962	97	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALC)			Lab File ID: TV029028.D			Analyzed: 02/14/25 04:03			
Bromochloromethane	458161	12.111	458161	12.111	100	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1613869	13.689	1613869	13.689	100	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1492695	18.962	1492695	18.962	100	60 - 140	0.0000	+/-0.33	
Cal Standard (S5B1425-CALD)			Lab File ID: TV029029.D			Analyzed: 02/14/25 04:49			
Bromochloromethane	459945	12.111	458161	12.111	100	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1644334	13.689	1613869	13.689	102	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1542230	18.958	1492695	18.962	103	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALE)			Lab File ID: TV029030.D			Analyzed: 02/14/25 05:34			
Bromochloromethane	527977	12.114	458161	12.111	115	60 - 140	0.0030	+/-0.33	
ISTD: 1,4-Difluorobenzene	2052121	13.689	1613869	13.689	127	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1901085	18.958	1492695	18.962	127	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALF)			Lab File ID: TV029031.D			Analyzed: 02/14/25 06:20			
Bromochloromethane	524405	12.114	458161	12.111	114	60 - 140	0.0030	+/-0.33	
ISTD: 1,4-Difluorobenzene	2048986	13.689	1613869	13.689	127	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1916362	18.958	1492695	18.962	128	60 - 140	-0.0040	+/-0.33	
Cal Standard (S5B1425-CALG)			Lab File ID: TV029032.D			Analyzed: 02/14/25 07:05			
Bromochloromethane	519893	12.114	458161	12.111	113	60 - 140	0.0030	+/-0.33	
ISTD: 1,4-Difluorobenzene	2055269	13.693	1613869	13.689	127	60 - 140	0.0040	+/-0.33	
ISTD: d5-Chlorobenzene	1956439	18.962	1492695	18.962	131	60 - 140	0.0000	+/-0.33	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5B1425	Instrument:	TO15_AIR3
Batch:	S5B1425	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Secondary Cal Check (S5B1425-SCV1)			Lab File ID: TV029035.D			Analyzed: 02/14/25 09:21			
Bromochloromethane	550064	12.11	458161	12.111	120	60 - 140	-0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	2097159	13.686	1613869	13.689	130	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1881191	18.962	1492695	18.962	126	60 - 140	0.0000	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2211	Instrument:	TO15_AIR3
Batch:	S5D2211	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5D2211-CCV1)			Lab File ID: TV030439.D			Analyzed: 04/21/25 10:28			
Bromochloromethane	295097	12.097				60 - 140		+/-0.33	
ISTD: 1,4-Difluorobenzene	1218414	13.676				60 - 140		+/-0.33	
ISTD: d5-Chlorobenzene	1099221	18.948				60 - 140		+/-0.33	
LCS (BD51581-BS1)			Lab File ID: TV030440.D			Analyzed: 04/21/25 11:14			
Bromochloromethane	282818	12.098	295097	12.097	96	60 - 140	0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1185692	13.676	1218414	13.676	97	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1041952	18.949	1099221	18.948	95	60 - 140	0.0010	+/-0.33	
Blank (BD51581-BLK1)			Lab File ID: TV030442.D			Analyzed: 04/21/25 12:47			
Bromochloromethane	325464	12.094	295097	12.097	110	60 - 140	-0.0030	+/-0.33	
ISTD: 1,4-Difluorobenzene	1404280	13.673	1218414	13.676	115	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1229269	18.945	1099221	18.948	112	60 - 140	-0.0030	+/-0.33	
Duplicate (BD51581-DUP1)			Lab File ID: TV030444.D			Analyzed: 04/21/25 14:19			
Bromochloromethane	315489	12.098	295097	12.097	107	60 - 140	0.0010	+/-0.33	
ISTD: 1,4-Difluorobenzene	1334842	13.676	1218414	13.676	110	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1175085	18.949	1099221	18.948	107	60 - 140	0.0010	+/-0.33	

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Sequence:	S5D2228	Instrument:	TO15_AIR3
Batch:	S5D2228	Calibration:	SB50035

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5D2228-CCV1)			Lab File ID: TV030467.D			Analyzed: 04/22/25 10:48			
Bromochloromethane	307667	12.101				60 - 140		+/-0.33	
ISTD: 1,4-Difluorobenzene	1278007	13.676				60 - 140		+/-0.33	
ISTD: d5-Chlorobenzene	1084582	18.949				60 - 140		+/-0.33	
LCS (BD51611-BS1)			Lab File ID: TV030468.D			Analyzed: 04/22/25 11:35			
Bromochloromethane	294023	12.101	307667	12.101	96	60 - 140	0.0000	+/-0.33	
ISTD: 1,4-Difluorobenzene	1242406	13.676	1278007	13.676	97	60 - 140	0.0000	+/-0.33	
ISTD: d5-Chlorobenzene	1080458	18.952	1084582	18.949	100	60 - 140	0.0030	+/-0.33	
Blank (BD51611-BLK1)			Lab File ID: TV030470.D			Analyzed: 04/22/25 13:08			
Bromochloromethane	315890	12.094	307667	12.101	103	60 - 140	-0.0070	+/-0.33	
ISTD: 1,4-Difluorobenzene	1291618	13.673	1278007	13.676	101	60 - 140	-0.0030	+/-0.33	
ISTD: d5-Chlorobenzene	1104775	18.945	1084582	18.949	102	60 - 140	-0.0040	+/-0.33	

FORM VI

INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: PVE, LLC.

Calibration: SB50035

SDG: 25C1721

Project: 20240302

Instrument: TO15_AIR3

Calibration Date: 02/13/25 18:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	0.025		0.05		0.1	0.4646996	0.2	0.4466668	0.5	0.4664676	1	0.4699017
1,1,1-Trichloroethane	0.025		0.05		0.1	1.859201	0.2	1.785033	0.5	1.767577	1	1.786281
1,1,2,2-Tetrachloroethane	0.025		0.05		0.1	0.7578822	0.2	0.7817327	0.5	0.8347255	1	0.87202
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	0.025		0.05		0.1	1.812096	0.2	1.751894	0.5	1.772352	1	1.774905
1,1,2-Trichloroethane	0.025		0.05		0.1	0.3062565	0.2	0.3165682	0.5	0.3329083	1	0.3396485
1,1-Dichloroethane	0.025		0.05		0.1	1.561767	0.2	1.509458	0.5	1.497938	1	1.50349
1,1-Dichloroethylene	0.025	1.399368	0.05	1.332617	0.1	1.275677	0.2	1.244929	0.5	1.276908	1	1.265424
1,2,4-Trichlorobenzene	0.025		0.05		0.1		0.2		0.5	5.699964E-02	1	0.1081403
1,2,4-Trimethylbenzene	0.025		0.05		0.1	1.113991	0.2	1.123609	0.5	1.241184	1	1.317869
1,2-Dibromoethane	0.025		0.05		0.1	0.3708944	0.2	0.419557	0.5	0.4507188	1	0.479135
1,2-Dichlorobenzene	0.025		0.05		0.1	0.4415129	0.2	0.4983546	0.5	0.6299916	1	0.7106924
1,2-Dichloroethane	0.025		0.05		0.1	1.094948	0.2	1.086954	0.5	1.081192	1	1.072737
1,2-Dichloropropane	0.025		0.05		0.1	0.2704913	0.2	0.2757919	0.5	0.2845647	1	0.2860857
1,2-Dichlorotetrafluoroethane	0.025		0.05		0.1	2.705358	0.2	2.661127	0.5	2.633708	1	2.677794
1,3,5-Trimethylbenzene	0.025		0.05		0.1	1.201263	0.2	1.137954	0.5	1.281428	1	1.272173
1,3-Butadiene	0.025		0.05		0.1	0.6611987	0.2	0.6390342	0.5	0.6150547	1	0.6240312
1,3-Dichlorobenzene	0.025		0.05		0.1	0.3226168	0.2	0.4205433	0.5	0.5557885	1	0.647019
1,3-Dichloropropane	0.025		0.05		0.1	0.4058455	0.2	0.4239728	0.5	0.4539473	1	0.4654484
1,4-Dichlorobenzene	0.025		0.05		0.1	~~0.2446838~~	0.2	0.349016	0.5	0.477218	1	0.5675989
1,4-Dioxane	0.025		0.05		0.1	~~0.1679174~~	0.2	0.1747875	0.5	0.1802803	1	0.1877581
2,2,4-Trimethylpentane	0.025	4.322828	0.05	4.191647	0.1	3.965269	0.2	3.876631	0.5	3.960667	1	3.994223
2-Butanone	0.025		0.05		0.1	1.552923	0.2	1.474168	0.5	1.514772	1	1.533518
2-Hexanone	0.025		0.05		0.1	0.3547214	0.2	0.3737221	0.5	0.4322839	1	0.4611795
3-Chloropropene	0.025		0.05		0.1	0.9501727	0.2	0.8879222	0.5	0.872799	1	0.8805375
4-Methyl-2-pentanone	0.025		0.05		0.1	0.4602803	0.2	0.4590476	0.5	0.4944176	1	0.5136023
Acetone	0.025		0.05		0.1	1.460443	0.2	1.295762	0.5	1.249578	1	1.210105
Acrolein	0.025		0.05		0.1	0.3951042	0.2	0.3551493	0.5	0.3510129	1	0.3578399
Acrylonitrile	0.025		0.05		0.1	0.7413731	0.2	0.7742314	0.5	0.7759082	1	0.7917436
Benzene	0.025		0.05		0.1	2.950496	0.2	2.785571	0.5	2.823539	1	2.81588

FORM VI

INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford

Client: PVE, LLC.

Calibration: SB50035

SDG: 25C1721

Project: 20240302

Instrument: TO15_AIR3

Calibration Date: 02/13/25 18:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzyl chloride	0.025		0.05		0.1		0.2	~~7.465284E-02~~	0.5	0.1195565	1	0.1604199
Bromodichloromethane	0.025		0.05		0.1	0.4798724	0.2	0.4855983	0.5	0.5325956	1	0.5480139
Bromoform	0.025		0.05		0.1	0.2993657	0.2	0.3437847	0.5	0.3831658	1	0.4120182
Bromomethane	0.025		0.05		0.1	0.8713441	0.2	0.8415856	0.5	0.8506137	1	0.8412051
Carbon disulfide	0.025		0.05		0.1	2.516554	0.2	2.487121	0.5	2.544556	1	2.57923
Carbon tetrachloride	0.025	1.901003	0.05	1.82509	0.1	1.728076	0.2	1.698128	0.5	1.720367	1	1.757417
Chlorobenzene	0.025		0.05		0.1	0.8193913	0.2	0.8486538	0.5	0.8752916	1	0.8845288
Chloroethane	0.025		0.05		0.1	0.4614355	0.2	0.4530036	0.5	0.4414827	1	0.4423622
Chloroform	0.025		0.05		0.1	1.875351	0.2	1.833032	0.5	1.833722	1	1.863001
Chloromethane	0.025		0.05		0.1	0.6875389	0.2	0.7257442	0.5	0.6973748	1	0.721474
cis-1,2-Dichloroethylene	0.025	1.293833	0.05	1.236082	0.1	1.182236	0.2	1.16037	0.5	1.12227	1	1.125667
cis-1,3-Dichloropropylene	0.025		0.05		0.1	0.3647617	0.2	0.381827	0.5	0.4006829	1	0.4137691
Cyclohexane	0.025		0.05		0.1	1.324128	0.2	1.350115	0.5	1.329264	1	1.349269
Dibromochloromethane	0.025		0.05		0.1	0.429291	0.2	0.4495732	0.5	0.490301	1	0.519414
Dichlorodifluoromethane	0.025		0.05		0.1	2.190665	0.2	2.145853	0.5	2.153988	1	2.137185
Ethanol	0.025		0.05		0.1	0.581601	0.2	0.5403001	0.5	0.5278777	1	0.5461701
Ethyl acetate	0.025		0.05		0.1	1.739612	0.2	1.730779	0.5	1.730039	1	1.772304
Ethyl Benzene	0.025		0.05		0.1	1.316423	0.2	1.360827	0.5	1.422849	1	1.450112
Hexachlorobutadiene	0.025		0.05		0.1	0.4450553	0.2	0.4284066	0.5	0.415837	1	0.4346841
Isopropanol	0.025		0.05		0.1	8.608272	0.2	4.936116	0.5	2.81259	1	2.144375
Isopropylbenzene	0.025		0.05		0.1	1.460503	0.2	1.458478	0.5	1.558181	1	1.620425
Methyl Methacrylate	0.025		0.05		0.1	0.2405332	0.2	0.2567872	0.5	0.273907	1	0.289828
Methyl tert-butyl ether (MTBE)	0.025		0.05		0.1	2.363319	0.2	2.250843	0.5	2.266931	1	2.287981
Methylene chloride	0.025		0.05		0.1	~~0.9684378~~	0.2	0.9113837	0.5	0.9107485	1	0.9046021
Naphthalene	0.025		0.05		0.1		0.2	0.3075934	0.5	0.4538134	1	0.6871115
n-Butylbenzene	0.025		0.05		0.1	0.7936927	0.2	0.8670456	0.5	1.176597	1	1.395252
n-Heptane	0.025		0.05		0.1	1.306055	0.2	1.321374	0.5	1.3412	1	1.358531
n-Hexane	0.025		0.05		0.1	1.301248	0.2	1.242583	0.5	1.278966	1	1.301605
n-Propylbenzene	0.025		0.05		0.1	1.531737	0.2	1.651772	0.5	1.8165	1	1.906297

FORM VI INITIAL CALIBRATION DATA

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
o-Xylene	0.025		0.05		0.1	1.034254	0.2	1.038033	0.5	1.073237	1	1.11652
p- & m- Xylenes	0.05		0.1		0.2	0.9908438	0.4	1.016828	1	1.080285	2	1.10656
p-Ethyltoluene	0.025		0.05		0.1	1.150445	0.2	1.302296	0.5	1.398633	1	1.563363
p-Isopropyltoluene	0.025		0.05		0.1	1.368465	0.2	1.397972	0.5	1.560967	1	1.685485
Propylene	0.025		0.05		0.1	0.4656654	0.2	0.4044186	0.5	0.4135351	1	0.4065402
sec-Butylbenzene	0.025		0.05		0.1	1.776872	0.2	1.781469	0.5	1.944819	1	2.044408
Styrene	0.025		0.05		0.1	0.5694261	0.2	0.6555237	0.5	0.7387836	1	0.8025069
tert-Butylbenzene	0.025		0.05		0.1	1.348627	0.2	1.33217	0.5	1.407564	1	1.478496
Tetrachloroethylene	0.025		0.05		0.1	0.4067139	0.2	0.3948229	0.5	0.4016431	1	0.4112908
Tetrahydrofuran	0.025		0.05		0.1	0.9030678	0.2	0.8631898	0.5	0.8744454	1	0.8728613
Toluene	0.025		0.05		0.1	0.953775	0.2	0.9348921	0.5	0.9597307	1	0.9878178
trans-1,2-Dichloroethylene	0.025		0.05		0.1	1.220305	0.2	1.190674	0.5	1.199692	1	1.203592
trans-1,3-Dichloropropylene	0.025		0.05		0.1	0.2759728	0.2	0.3096091	0.5	0.3297398	1	0.350169
Trichloroethylene	0.025		0.05	0.3783376	0.1	0.3357805	0.2	0.3413023	0.5	0.3518952	1	0.3508258
Trichlorofluoromethane (Freon 11)	0.025		0.05		0.1	2.114336	0.2	2.034117	0.5	2.046725	1	2.04173
Vinyl acetate	0.025		0.05		0.1	1.632328	0.2	1.575639	0.5	1.694024	1	1.792139
Vinyl bromide	0.025		0.05		0.1	0.8271232	0.2	0.8071753	0.5	0.8044321	1	0.8107331
Vinyl Chloride	0.025	1.050554	0.05	1.0539	0.1	0.9732444	0.2	0.8582042	0.5	0.8952312	1	0.8725653

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
1,1,1,2-Tetrachloroethane	1.5	0.4813811	2	0.4839642	2.5	0.4959385	3	0.5081365	5.02	0.5092832	10	0.5343456
1,1,1-Trichloroethane	1.5	1.795715	2	1.783361	2.5	1.877982	3	1.899204	5.02	1.895924	10	1.961033
1,1,2,2-Tetrachloroethane	1.5	0.9012796	2	0.8990795	2.5	0.8947424	3	0.9214579	5.02	0.9159265	10	0.9165663
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	1.5	1.768048	2	1.75902	2.5	1.853176	3	1.879022	5.02	1.877455	10	1.93661
1,1,2-Trichloroethane	1.5	0.3463471	2	0.3443813	2.5	0.3517601	3	0.3580231	5.02	0.3670044	10	0.389412
1,1-Dichloroethane	1.5	1.506792	2	1.48478	2.5	1.540546	3	1.553095	5.02	1.54762	10	1.567006
1,1-Dichloroethylene	1.5	1.258851	2	1.260205	2.5	1.30003	3	1.317277	5.02	1.310684	10	1.323487
1,2,4-Trichlorobenzene	1.5	0.1764528	2	0.2294096	2.5	0.2692703	3	0.1553783	5.02	0.2250731	10	0.3988986
1,2,4-Trimethylbenzene	1.5	1.361979	2	1.376508	2.5	1.391986	3	1.438379	5.02	1.450141	10	1.488162
1,2-Dibromoethane	1.5	0.488685	2	0.4831751	2.5	0.5187636	3	0.5295946	5.02	0.5519486	10	0.5929732
1,2-Dichlorobenzene	1.5	0.7695114	2	0.794232	2.5	0.8233184	3	0.8388768	5.02	0.8913926	10	0.965709
1,2-Dichloroethane	1.5	1.0736	2	1.057292	2.5	1.098524	3	1.097921	5.02	1.094205	10	1.096516
1,2-Dichloropropane	1.5	0.2902822	2	0.2874332	2.5	0.2888675	3	0.2933663	5.02	0.2940891	10	0.3055273
1,2-Dichlorotetrafluoroethane	1.5	2.698587	2	2.668468	2.5	2.736911	3	2.801238	5.02	2.785372	10	2.778207
1,3,5-Trimethylbenzene	1.5	1.313794	2	1.31743	2.5	1.329827	3	1.371848	5.02	1.372466	10	1.40265
1,3-Butadiene	1.5	0.6156987	2	0.6092966	2.5	0.6384332	3	0.6403312	5.02	0.648159	10	0.6584454
1,3-Dichlorobenzene	1.5	0.7040292	2	0.7333891	2.5	0.7768044	3	0.807512	5.02	0.8746634	10	0.9523493
1,3-Dichloropropane	1.5	0.4725794	2	0.4719673	2.5	0.4831111	3	0.4897505	5.02	0.4994995	10	0.5174695
1,4-Dichlorobenzene	1.5	0.6440721	2	0.671579	2.5	0.7189662	3	0.7527587	5.02	0.8351577	10	0.9416237
1,4-Dioxane	1.5	0.1841115	2	0.1790544	2.5	0.1771014	3	0.1940387	5.02	0.195534	10	0.2026639
2,2,4-Trimethylpentane	1.5	4.031195	2	4.023968	2.5	4.149958	3	4.221473	5.02	4.199897	10	4.285029
2-Butanone	1.5	1.55675	2	1.539668	2.5	1.586161	3	1.588996	5.02	1.59539	10	1.605193
2-Hexanone	1.5	0.4773166	2	0.477815	2.5	0.4876287	3	0.507059	5.02	0.5203946	10	0.5274084
3-Chloropropene	1.5	0.8825446	2	0.8720868	2.5	0.8916712	3	0.9065266	5.02	0.9064892	10	0.9221213
4-Methyl-2-pentanone	1.5	0.5233402	2	0.5283397	2.5	0.5291427	3	0.546106	5.02	0.5478952	10	0.5546305
Acetone	1.5	1.199974	2	1.187437	2.5	1.213243	3	1.128666	5.02	1.121648	10	1.124622
Acrolein	1.5	0.36322	2	0.3660308	2.5	0.3751053	3	0.3666009	5.02	0.3754195	10	0.3873355
Acrylonitrile	1.5	0.7909928	2	0.7851131	2.5	0.8052277	3	0.6928593	5.02	0.6996883	10	0.7140983
Benzene	1.5	2.831249	2	2.821193	2.5	2.919075	3	2.943717	5.02	2.960653	10	3.073328

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
Benzyl chloride	1.5	0.1857451	2	0.1990878	2.5	0.2145297	3	0.2232209	5.02	0.261233	10	0.304038
Bromodichloromethane	1.5	0.5581677	2	0.5617335	2.5	0.5740131	3	0.5842836	5.02	0.5907736	10	0.6096951
Bromoform	1.5	0.4389627	2	0.4474549	2.5	0.4761848	3	0.5625401	5.02	0.5853844	10	0.6519249
Bromomethane	1.5	0.8429138	2	0.824632	2.5	0.8672173	3	0.8760192	5.02	0.8752362	10	0.8988019
Carbon disulfide	1.5	2.583536	2	2.586728	2.5	2.671829	3	2.695627	5.02	2.693621	10	2.737066
Carbon tetrachloride	1.5	1.772699	2	1.771132	2.5	1.866861	3	1.886888	5.02	1.893614	10	1.973738
Chlorobenzene	1.5	0.8994686	2	0.8983042	2.5	0.9163602	3	0.9331131	5.02	0.932495	10	0.9608205
Chloroethane	1.5	0.4356392	2	0.4355841	2.5	0.4487771	3	0.4556067	5.02	0.4490788	10	0.4619883
Chloroform	1.5	1.865048	2	1.84609	2.5	1.938748	3	1.947629	5.02	1.942442	10	1.989104
Chloromethane	1.5	0.6678758	2	0.6638113	2.5	0.666541	3	0.6812722	5.02	0.6784271	10	0.6735274
cis-1,2-Dichloroethylene	1.5	1.131339	2	1.138242	2.5	1.177433	3	1.189457	5.02	1.186304	10	1.181251
cis-1,3-Dichloropropylene	1.5	0.4209786	2	0.4212915	2.5	0.4388514	3	0.4424374	5.02	0.4525986	10	0.4737045
Cyclohexane	1.5	1.347046	2	1.338528	2.5	1.384009	3	1.407098	5.02	1.411549	10	1.434459
Dibromochloromethane	1.5	0.5389754	2	0.5462068	2.5	0.5682718	3	0.6033579	5.02	0.6260716	10	0.6747995
Dichlorodifluoromethane	1.5	2.150884	2	2.134535	2.5	2.227871	3	2.258212	5.02	2.246938	10	2.306907
Ethanol	1.5	0.5312451	2	0.5142909	2.5	0.5012885	3	0.3026586	5.02	0.2993257	10	0.3060103
Ethyl acetate	1.5	1.783454	2	1.766251	2.5	1.837412	3	1.825109	5.02	1.842201	10	1.865835
Ethyl Benzene	1.5	1.48154	2	1.479729	2.5	1.483199	3	1.521577	5.02	1.500441	10	1.514319
Hexachlorobutadiene	1.5	0.4668106	2	0.4844533	2.5	0.5107359	3	0.5513929	5.02	0.5997585	10	0.7045311
Isopropanol	1.5	1.91034	2	1.773225	2.5	1.69881	3	1.706555	5.02	1.599029	10	1.555931
Isopropylbenzene	1.5	1.661184	2	1.669764	2.5	1.686021	3	1.739668	5.02	1.727843	10	1.753815
Methyl Methacrylate	1.5	0.2974173	2	0.3009468	2.5	0.3039853	3	0.3123557	5.02	0.3225757	10	0.3398634
Methyl tert-butyl ether (MTBE)	1.5	2.297344	2	2.287046	2.5	2.390408	3	2.422675	5.02	2.422331	10	2.469206
Methylene chloride	1.5	0.8866413	2	0.8826608	2.5	0.8860815	3	0.9012846	5.02	0.8983985	10	0.9011636
Naphthalene	1.5	0.9889347	2	1.187423	2.5	1.313506	3	1.074051	5.02	1.286925	10	1.698435
n-Butylbenzene	1.5	1.508599	2	1.550444	2.5	1.587793	3	1.559406	5.02	1.660933	10	1.760076
n-Heptane	1.5	1.359706	2	1.3577	2.5	1.390152	3	1.409931	5.02	1.407575	10	1.415607
n-Hexane	1.5	1.298496	2	1.290176	2.5	1.334548	3	1.352709	5.02	1.353275	10	1.375508
n-Propylbenzene	1.5	1.970572	2	1.973257	2.5	1.990231	3	2.049999	5.02	2.057094	10	2.082484

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF	ppbv	RF
o-Xylene	1.5	1.138871	2	1.146744	2.5	1.15393	3	1.182862	5.02	1.184551	10	1.225438
p- & m- Xylenes	3	1.130107	4	1.142858	5	1.146178	6	1.169644	10	1.181086	20	1.197911
p-Ethyltoluene	1.5	1.626073	2	1.642424	2.5	1.669296	3	1.719751	5.02	1.737096	10	1.775704
p-Isopropyltoluene	1.5	1.763957	2	1.779502	2.5	1.809365	3	1.867497	5.02	1.896228	10	1.963816
Propylene	1.5	0.408057	2	0.4024096	2.5	0.4022912	3	0.4093372	5.02	0.405266	10	0.4177047
sec-Butylbenzene	1.5	2.115613	2	2.126997	2.5	2.141106	3	2.212279	5.02	2.212528	10	2.259592
Styrene	1.5	0.8447944	2	0.8651169	2.5	0.8933663	3	0.9232252	5.02	0.951431	10	1.020385
tert-Butylbenzene	1.5	1.525895	2	1.54338	2.5	1.562052	3	1.61161	5.02	1.623766	10	1.680357
Tetrachloroethylene	1.5	0.4192862	2	0.4179823	2.5	0.4345141	3	0.4443026	5.02	0.4555809	10	0.4932154
Tetrahydrofuran	1.5	0.8765843	2	0.8690214	2.5	0.8845646	3	0.8875343	5.02	0.8855721	10	0.8950653
Toluene	1.5	1.011198	2	1.006403	2.5	1.021746	3	1.031799	5.02	1.039958	10	1.076582
trans-1,2-Dichloroethylene	1.5	1.19097	2	1.180377	2.5	1.222553	3	1.240385	5.02	1.235661	10	1.260812
trans-1,3-Dichloropropylene	1.5	0.3585848	2	0.3507135	2.5	0.3774807	3	0.3832023	5.02	0.4002653	10	0.4207275
Trichloroethylene	1.5	0.3609744	2	0.3582	2.5	0.3686114	3	0.3733442	5.02	0.3744296	10	0.3916402
Trichlorofluoromethane (Freon 11)	1.5	2.047668	2	2.031081	2.5	2.149833	3	2.166942	5.02	2.175309	10	2.219942
Vinyl acetate	1.5	1.819087	2	1.829748	2.5	1.918744	3	1.81663	5.02	1.886431	10	1.993808
Vinyl bromide	1.5	0.8079774	2	0.8121569	2.5	0.8480597	3	0.8690106	5.02	0.8771717	10	0.9018817
Vinyl Chloride	1.5	0.877324	2	0.8659026	2.5	0.8725639	3	0.9071539	5.02	0.8876453	10	0.8972807

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5108796	9.163984	19.07886	1.945516E-02			30	
1,1,1-Trichloroethane	1.945123	9.682937	12.62207	2.580209E-02			30	
1,1,2,2-Tetrachloroethane	0.8752536	5.971969	20.89614	1.451648E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.921933	9.732993	8.370143	2.083112E-02			30	
1,1,2-Trichloroethane	0.35923	8.598804	16.92007	2.291789E-02			30	
1,1-Dichloroethane	1.56486	4.452607	10.60836	1.734226E-02			30	
1,1-Dichloroethylene	1.316351	3.973662	8.597688	2.637153E-02			30	
1,2,4-Trichlorobenzene	0.3641083	70.78143	27.09425	1.328676E-02			30	*
1,2,4-Trimethylbenzene	1.369696	9.555254	22.63614	1.038416E-02			30	
1,2-Dibromoethane	0.5272258	15.81078	18.22971	1.837705E-02			30	
1,2-Dichlorobenzene	0.815497	23.44126	24.355	1.531723E-02			30	
1,2-Dichloroethane	1.104052	3.360132	13.15957	2.150607E-02			30	
1,2-Dichloropropane	0.2895865	3.886721	14.55343	2.088935E-02			30	
1,2-Dichlorotetrafluoroethane	2.701731	3.001544	5.374429	2.150392E-02			30	
1,3,5-Trimethylbenzene	1.327987	6.42252	21.79893	7.848137E-03			30	
1,3-Butadiene	0.6485865	4.242103	5.954571	3.013176E-02			30	
1,3-Dichlorobenzene	0.7781809	29.72179	23.46793	2.877031E-03			30	
1,3-Dichloropropane	0.4824693	7.551956	17.34593	1.942113E-02			30	
1,4-Dichlorobenzene	0.7757349	29.80654	23.65515	1.863527E-02			30	
1,4-Dioxane	0.1923753	6.489505	14.87723	2.643778E-02			30	
2,2,4-Trimethylpentane	4.166462	4.223284	12.93837	2.188906E-02			30	
2-Butanone	1.574915	3.126781	11.215	2.595589E-02			30	
2-Hexanone	0.4517673	14.13292	16.9285	2.689152E-02			30	
3-Chloropropene	0.9072515	3.017196	9.191429	3.131049E-02			30	
4-Methyl-2-pentanone	0.5113968	7.016713	15.45857	2.683374E-02			30	
Acetone	1.193605	7.971193	8.206357	5.845248E-02			30	
Acrolein	0.3816043	6.291576	8.097572	2.561975E-02			30	
Acrylonitrile	0.7533379	4.748617	9.421357	3.200473E-02			30	
Benzene	2.995693	6.43593	13.29129	1.773678E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	0.2546995	32.45945	23.80417	1.962213E-02			30	*
Bromodichloromethane	0.5695835	8.019297	14.91686	0.0227285			30	
Bromoform	0.5384709	29.55579	20.64393	1.384991E-02			30	
Bromomethane	0.8997606	8.253681	6.753071	8.536496E-03			30	
Carbon disulfide	2.697296	6.11523	9.478786	1.418892E-02			30	
Carbon tetrachloride	1.939362	12.59676	13.089	1.559485E-02			30	
Chlorobenzene	0.9262688	6.531842	19.02964	1.103511E-02			30	
Chloroethane	0.460661	4.939446	6.9245	3.892164E-02			30	
Chloroform	1.973287	7.35627	11.882	2.909544E-02			30	
Chloromethane	0.6694955	5.429134	5.6015	4.034131E-02			30	
cis-1,2-Dichloroethylene	1.19569	4.641126	11.60688	3.256756E-02			30	
cis-1,3-Dichloropropylene	0.4390412	9.159486	15.80921	1.302158E-02			30	
Cyclohexane	1.403985	4.912714	12.792	2.546029E-02			30	
Dibromochloromethane	0.5934745	17.32317	17.85714	0.0149053			30	
Dichlorodifluoromethane	2.276253	6.494594	5.111643	3.336524E-02			30	
Ethanol	0.4208361	28.39464	7.034357	5.754911E-02			30	
Ethyl acetate	1.809414	3.189701	11.52007	1.503803E-02			30	
Ethyl Benzene	1.45521	4.661055	19.13564	1.382524E-02			30	
Hexachlorobutadiene	0.5605023	23.05505	27.36843	9.970134E-03			30	
Isopropanol	2.492656	79.48295	7.9755	7.776036E-02			30	*
Isopropylbenzene	1.648268	6.434466	20.72021	1.598674E-02			30	
Methyl Methacrylate	0.3063682	10.72515	14.566	6.618552E-03			30	
Methyl tert-butyl ether (MTBE)	2.442565	7.308953	9.746429	7.202686E-02			30	
Methylene chloride	0.9030978	1.435133	9.343616	0.0221592			30	
Naphthalene	1.296457	45.91925	27.49	5.534952E-03			30	*
n-Butylbenzene	1.462616	21.37751	24.09264	0.0074132			30	
n-Heptane	1.334046	7.473773	13.305	2.350889E-02			30	
n-Hexane	1.349056	5.145076	10.23443	1.643846E-02			30	
n-Propylbenzene	1.920439	8.810263	21.48893	1.373389E-02			30	
o-Xylene	1.143821	6.443542	20.06514	1.010397E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Calibration:	SB50035	Instrument:	TO15_AIR3
		Calibration Date:	02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p- & m- Xylenes	1.106659	8.044317	19.28071	6.913592E-03			30	
p-Ethyltoluene	1.605136	12.13342	21.71207	1.794338E-02			30	
p-Isopropyltoluene	1.764653	11.5164	23.29686	1.885854E-02			30	
Propylene	0.4153849	3.930896	5.040786	3.805517E-02			30	
sec-Butylbenzene	2.084523	8.131879	23.03171	1.915419E-02			30	
Styrene	0.8774307	16.80275	20.08414	1.946172E-02			30	
tert-Butylbenzene	1.564186	8.532093	22.563	1.583866E-02			30	
Tetrachloroethylene	0.4605119	12.90398	17.66086	3.062907E-03			30	
Tetrahydrofuran	0.883823	1.523808	12.20764	4.005253E-02			30	
Toluene	1.023316	4.999987	16.46593	1.749061E-02			30	
trans-1,2-Dichloroethylene	1.244772	4.524223	9.947	2.600529E-02			30	
trans-1,3-Dichloropropylene	0.3773475	13.38721	16.62507	8.761907E-03			30	
Trichloroethylene	0.3756243	7.20323	14.32373	2.064799E-02			30	
Trichlorofluoromethane (Freon 11)	2.215284	9.264914	7.501071	2.958869E-02			30	
Vinyl acetate	1.870941	8.794401	10.55393	2.583062E-02			30	
Vinyl bromide	0.8930613	11.49729	7.379714	3.212686E-02			30	
Vinyl Chloride	0.9204408	6.512901	5.871312	3.514808E-02			30	

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029017.D
Acq On : 13 Feb 2025 07:44 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

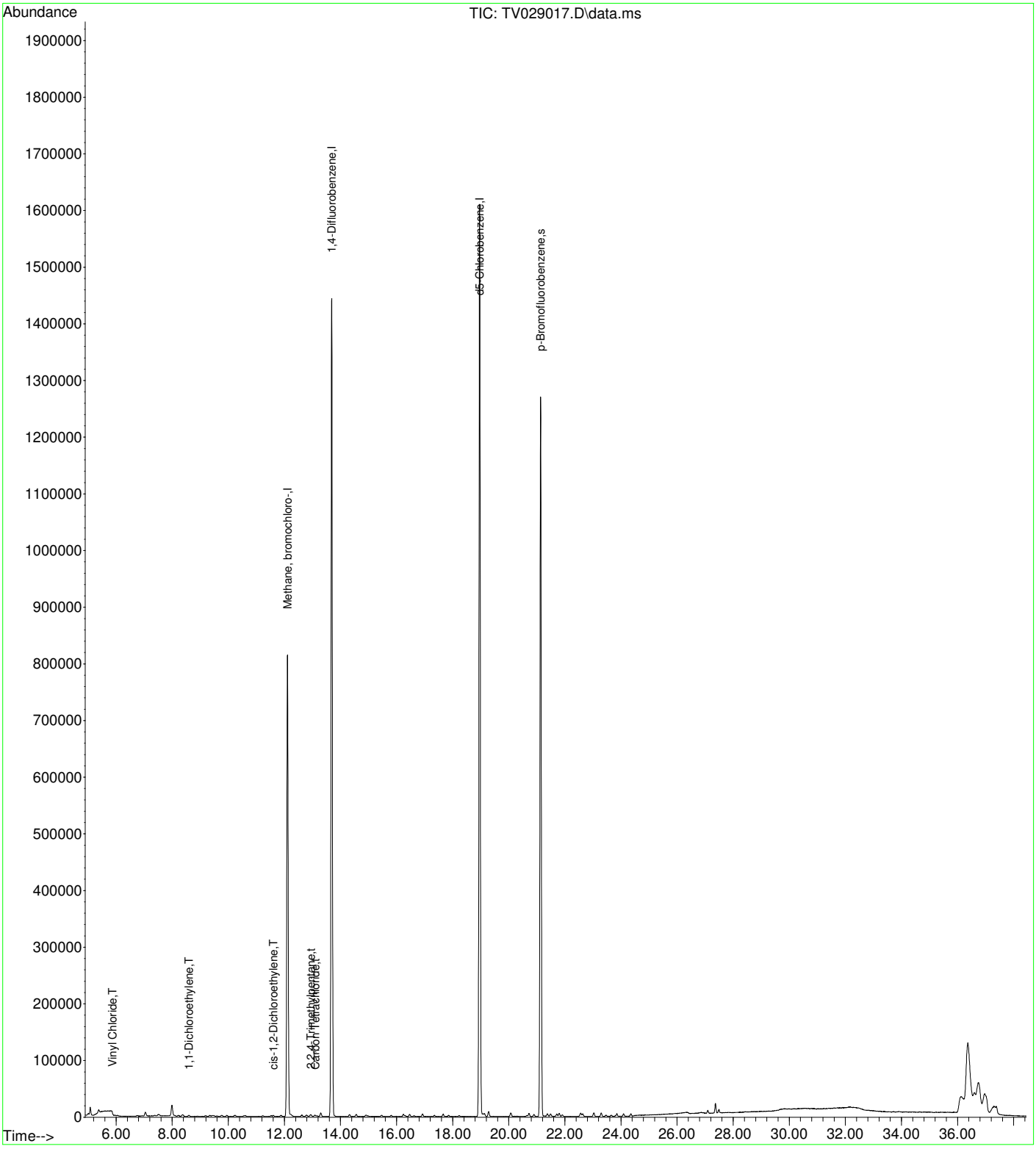
Quant Time: Feb 14 09:03:42 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Feb 14 08:35:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.111	49	583692	10.00	ppbv	#-0.05
39) 1,4-Difluorobenzene	13.686	114	2139210	10.00	ppbv	-0.06
55) d5-Chlorobenzene	18.958	117	1785488m	10.00	ppbv	-0.07
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.132	95	896882	0.34	ppbv	-0.08
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#		
Target Compounds						Qvalue
6) Vinyl Chloride	5.868	62	1533	0.02	ppbv	88
17) 1,1-Dichloroethylene	8.594	61	2042	0.02	ppbv	92
29) cis-1,2-Dichloroethylene	11.607	61	1888	0.02	ppbv	95
34) 2,2,4-Trimethylpentane	12.941	57	6308	0.02	ppbv #	98
35) Carbon Tetrachloride	13.098	117	2774	0.02	ppbv	99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029017.D
Acq On : 13 Feb 2025 07:44 pm
Operator : YR
Sample : SEQ-CAL1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Feb 14 09:03:42 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Feb 14 08:35:29 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029018.D
Acq On : 13 Feb 2025 08:29 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

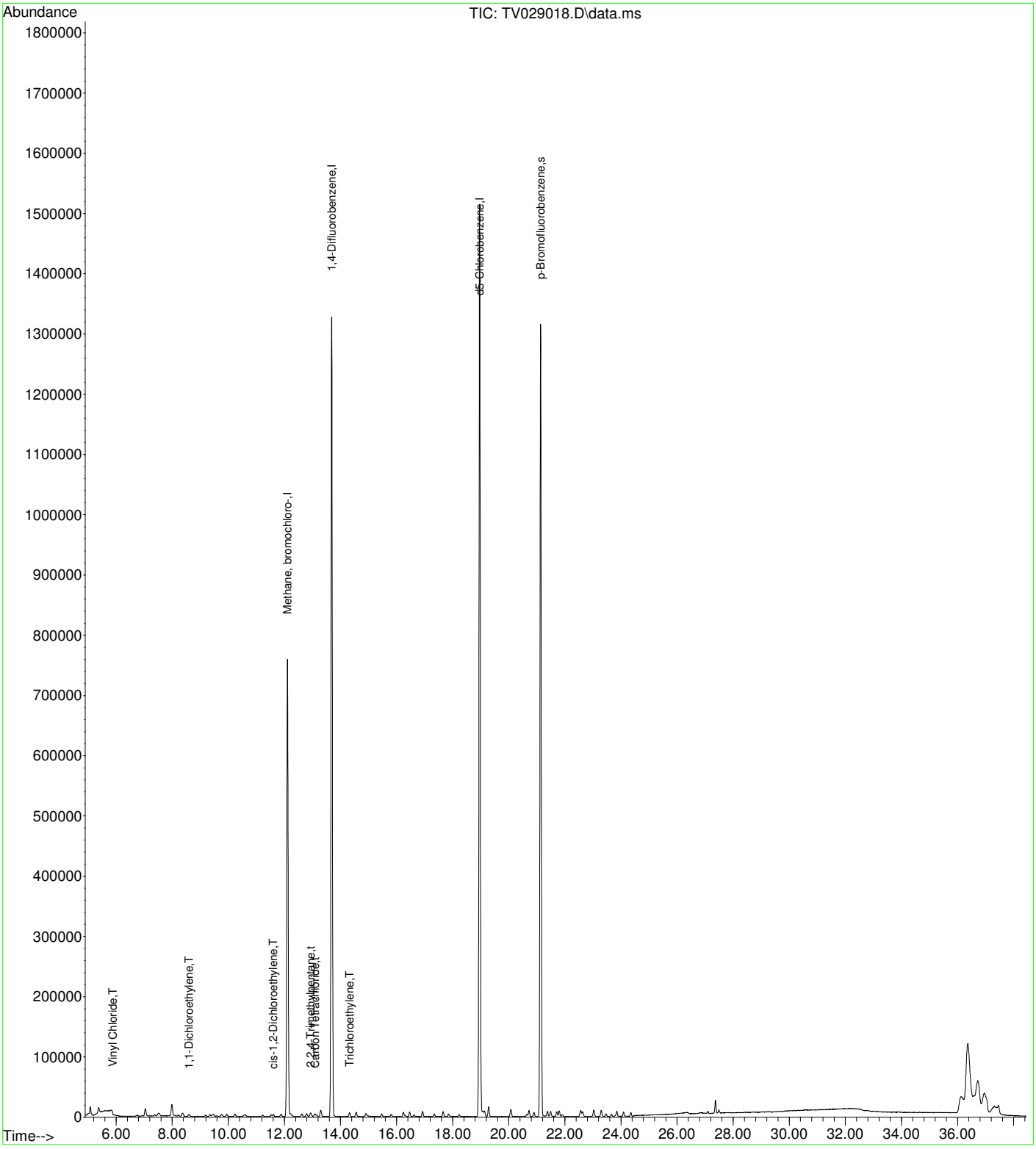
Quant Time: Feb 14 08:35:47 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Feb 14 08:35:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.107	49	551096	10.00	ppbv	-0.06
39) 1,4-Difluorobenzene	13.686	114	1973370	10.00	ppbv	-0.06
55) d5-Chlorobenzene	18.958	117	1658635m	10.00	ppbv	-0.07
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.132	95	932221	0.38	ppbv	-0.08
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.80%#		
Target Compounds						Qvalue
6) Vinyl Chloride	5.874	62	2904	0.04	ppbv	98
17) 1,1-Dichloroethylene	8.594	61	3672	0.04	ppbv	92
29) cis-1,2-Dichloroethylene	11.598	61	3406	0.04	ppbv	95
34) 2,2,4-Trimethylpentane	12.934	57	11550	0.04	ppbv	98
35) Carbon Tetrachloride	13.088	117	5029	0.04	ppbv	99
40) Trichloroethylene	14.324	95	3733	0.04	ppbv	93

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029018.D
Acq On : 13 Feb 2025 08:29 pm
Operator : YR
Sample : SEQ-CAL2
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Feb 14 08:35:47 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Feb 14 08:35:29 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029019.D
Acq On : 13 Feb 2025 09:15 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:25:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.107	49	520116	10.00	ppbv	0.00
39) 1,4-Difluorobenzene	13.686	114	1842573	10.00	ppbv	0.00
55) d5-Chlorobenzene	18.958	117	1552616	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.135	95	797031	0.28	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	2.80%#		
Target Compounds						Qvalue
2) Propylene	5.040	42	2422	0.11	ppbv #	70
3) Dichlorodifluoromethane	5.109	85	11394	0.10	ppbv	98
4) 1,2-Dichlorotetrafluor...	5.377	85	14071	0.10	ppbv	90
5) Chloromethane	5.599	50	3576	0.10	ppbv #	86
6) Vinyl Chloride	5.871	62	5062	0.11	ppbv	98
7) 1,3-Butadiene	5.952	54	3439	0.10	ppbv	94
8) Bromomethane	6.757	94	4532	0.10	ppbv	99
9) Chloroethane	6.926	64	2400	0.10	ppbv #	91
10) ethanol	7.041	45	3025	0.14	ppbv #	82
11) Vinyl Bromide	7.384	106	4302	0.09	ppbv	100
12) Trichlorofluoromethane	7.502	101	10997	0.10	ppbv	99
13) Isopropanol	7.989	45	44773	0.48	ppbv	100
14) Acrolein	8.100	56	2055	0.10	ppbv #	100
15) Acetone	8.218	43	7596	0.12	ppbv	90
16) Freon-113	8.374	101	9425	0.09	ppbv	98
17) 1,1-Dichloroethylene	8.600	61	6635	0.10	ppbv	92
18) 3-Chloropropene	9.192	41	4942	0.10	ppbv #	92
19) Methylene Chloride	9.342	49	5037	0.11	ppbv	88
20) Acrylonitrile	9.420	53	3856	0.10	ppbv #	100
21) Carbon disulfide	9.476	76	13089	0.09	ppbv	98
22) Methyl-tert-Butyl Ethe...	9.760	73	12292	0.10	ppbv	97
23) trans-1,2-Dichloroethy...	9.950	61	6347	0.10	ppbv	92
24) Hexane	10.231	57	6768	0.10	ppbv	95
25) Vinyl Acetate	10.558	43	8490	0.09	ppbv #	99
26) 1,1-Dichloroethane	10.607	63	8123	0.10	ppbv #	99
27) 2-Butanone	11.221	43	8077	0.10	ppbv	94
28) Ethyl Acetate	11.525	43	9048	0.10	ppbv	99
29) cis-1,2-Dichloroethylene	11.604	61	6149	0.10	ppbv	94
30) Chloroform	11.882	83	9754	0.10	ppbv	97
31) Tetrahydrofuran	12.218	42	4697	0.10	ppbv	91
32) 1,1,1-Trichlorethane	12.620	97	9670	0.10	ppbv	97
33) Cyclohexane	12.790	56	6887	0.09	ppbv	98
34) 2,2,4-Trimethylpentane	12.937	57	20624	0.10	ppbv	99
35) Carbon Tetrachloride	13.091	117	8988	0.09	ppbv	99
36) 1,2-Dichloroethane	13.156	62	5695m	0.11	ppbv	
37) Benzene	13.291	78	15346	0.10	ppbv #	100
38) n-Heptane	13.304	43	6793	0.10	ppbv #	92
40) Trichloroethylene	14.323	95	6187	0.09	ppbv	91
41) 1,2-Dichloropropane	14.552	63	4984	0.09	ppbv #	98
42) Methyl Methacrylate	14.565	69	4432	0.08	ppbv #	48
43) 1,4-Dioxane	14.886	88	3094	0.09	ppbv #	100
44) Bromodichloromethane	14.915	83	8842	0.08	ppbv	100
45) Methyl Isobutyl Ketone	15.467	43	8481	0.09	ppbv	92
46) cis-1,3-Dichloropropene	15.807	75	6721	0.08	ppbv	95
47) Toluene	16.468	91	17574	0.09	ppbv	96
48) trans-1,3-Dichloropropene	16.628	75	5085	0.07	ppbv	94

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029019.D
Acq On : 13 Feb 2025 09:15 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

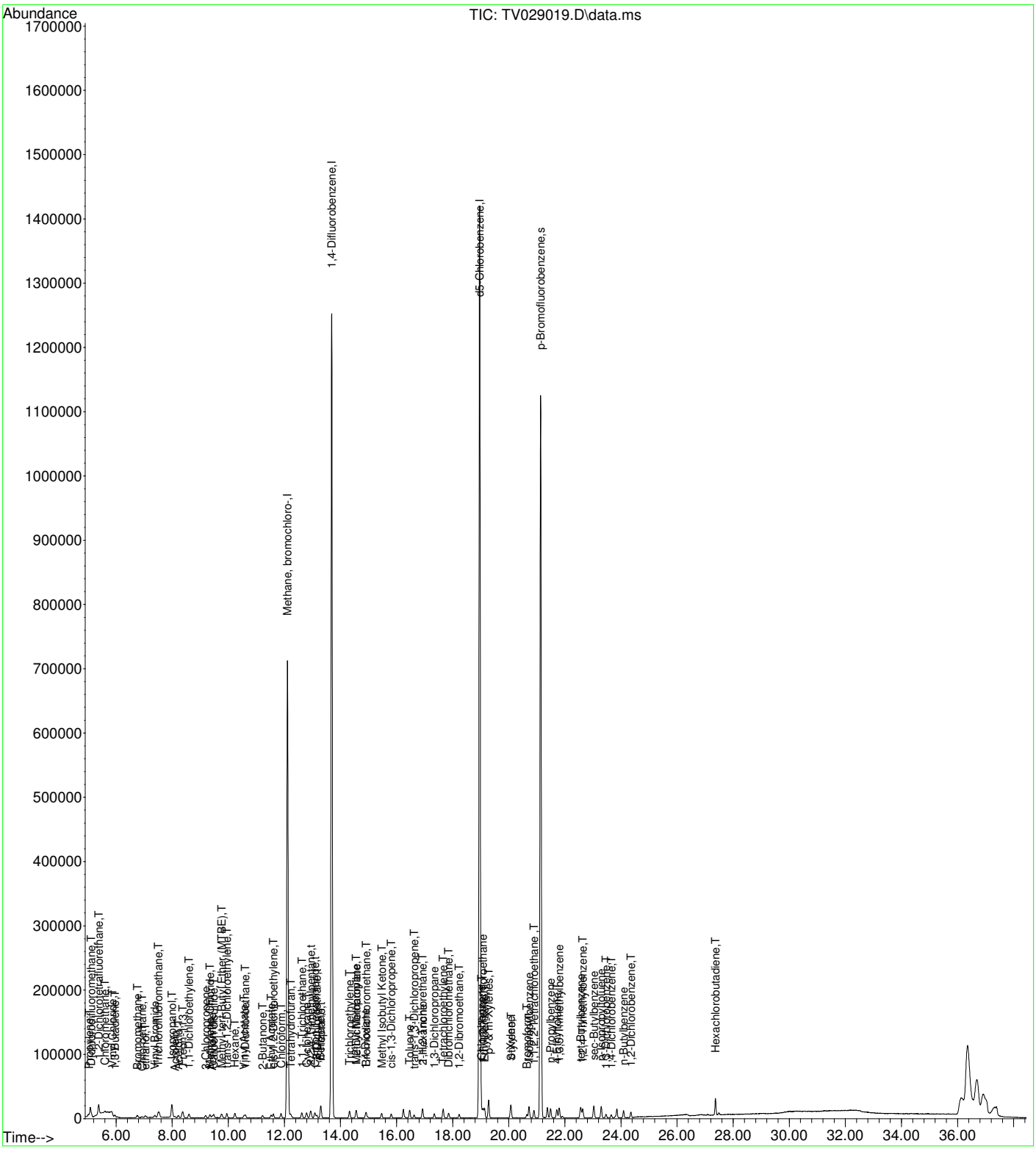
Quant Time: Mar 26 16:25:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	5643	0.09	ppbv		96
50) 2-Hexanone	16.938	43	6536	0.08	ppbv		97
51) 1,3-Dichloropropane	17.344	76	7478	0.08	ppbv	#	99
52) Tetrachloroethylene	17.654	166	7494	0.09	ppbv		94
53) Dibromchloromethane	17.854	129	7910	0.07	ppbv		96
54) 1,2-Dibromoethane	18.226	107	6834	0.07	ppbv		97
56) Chlorobenzene	19.030	112	12722	0.09	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.076	131	7215	0.09	ppbv		92
58) Ethylbenzene	19.135	91	20439	0.09	ppbv		99
59) p- & m-Xylenes	19.282	91	30768	0.18	ppbv		95
60) o-Xylene	20.066	91	16058	0.09	ppbv		98
61) Styrene	20.083	104	8841	0.06	ppbv	#	74
62) Bromoform	20.642	173	4648	0.05	ppbv		95
63) n-Propylbenzene	21.488	91	23782	0.08	ppbv		99
64) Isopropylbenzene	20.720	105	22676	0.09	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	11767	0.09	ppbv		99
67) 4-Ethyltoluene	21.714	105	17862	0.07	ppbv		94
68) 1,3,5-Trimethylbenzene	21.796	105	18651	0.09	ppbv		95
69) tert-Butylbenzene	22.564	119	20939	0.09	ppbv	#	96
70) 1,2,4-Trimethylbenzene	22.636	105	17296	0.08	ppbv	#	84
71) sec-Butylbenzene	23.031	105	27588	0.09	ppbv	#	93
72) p-Isopropyltoluene	23.296	119	21247	0.08	ppbv	#	89
73) 1,3-Dichlorobenzene	23.466	146	5009	0.04	ppbv		98
74) 1,4-Dichlorobenzene	23.655	146	3799	0.03	ppbv		98
76) n-Butylbenzene	24.093	91	12323	0.05	ppbv	#	83
77) 1,2-Dichlorobenzene	24.355	146	6855	0.05	ppbv		98
79) Hexachlorobutadiene	27.369	225	6910	0.08	ppbv	#	90

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029019.D
Acq On : 13 Feb 2025 09:15 pm
Operator : YR
Sample : SEQ-CAL3
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:25:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029020.D
Acq On : 13 Feb 2025 10:00 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:20 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.110	49	511475	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1789030	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1519701	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	874339	0.32	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.20%#			
Target Compounds							Qvalue
2) Propylene	5.047	42	4137	0.19	ppbv	#	79
3) Dichlorodifluoromethane	5.112	85	21951	0.19	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	27222	0.20	ppbv		91
5) Chloromethane	5.606	50	7424	0.22	ppbv		99
6) Vinyl Chloride	5.871	62	8779	0.19	ppbv		96
7) 1,3-Butadiene	5.952	54	6537	0.20	ppbv		99
8) Bromomethane	6.750	94	8609	0.19	ppbv		99
9) Chloroethane	6.920	64	4634	0.20	ppbv	#	94
10) ethanol	7.038	45	5527	0.26	ppbv		87
11) Vinyl Bromide	7.381	106	8257	0.18	ppbv		100
12) Trichlorofluoromethane	7.505	101	20808	0.18	ppbv		98
13) Isopropanol	7.985	45	50494	0.55	ppbv		100
14) Acrolein	8.103	56	3633	0.19	ppbv	#	100
15) Acetone	8.214	43	13255	0.22	ppbv		87
16) Freon-113	8.371	101	17921	0.18	ppbv		98
17) 1,1-Dichloroethylene	8.593	61	12735	0.19	ppbv		92
18) 3-Chloropropene	9.192	41	9083	0.20	ppbv	#	91
19) Methylene Chloride	9.342	49	9323	0.20	ppbv		88
20) Acrylonitrile	9.424	53	7920	0.21	ppbv	#	100
21) Carbon disulfide	9.479	76	25442	0.18	ppbv		99
22) Methyl-tert-Butyl Ethe...	9.760	73	23025	0.18	ppbv		98
23) trans-1,2-Dichloroethy...	9.943	61	12180	0.19	ppbv		89
24) Hexane	10.234	57	12711	0.18	ppbv		95
25) Vinyl Acetate	10.555	43	16118	0.17	ppbv	#	99
26) 1,1-Dichloroethane	10.604	63	15441	0.19	ppbv	#	99
27) 2-Butanone	11.218	43	15080	0.19	ppbv		92
28) Ethyl Acetate	11.522	43	17705	0.19	ppbv		99
29) cis-1,2-Dichloroethylene	11.604	61	11870	0.19	ppbv		94
30) Chloroform	11.878	83	18751	0.19	ppbv		98
31) Tetrahydrofuran	12.215	42	8830	0.20	ppbv		93
32) 1,1,1-Trichlorethane	12.624	97	18260	0.18	ppbv		99
33) Cyclohexane	12.794	56	13811	0.19	ppbv		97
34) 2,2,4-Trimethylpentane	12.934	57	39656	0.19	ppbv		99
35) Carbon Tetrachloride	13.088	117	17371	0.18	ppbv	#	58
36) 1,2-Dichloroethane	13.156	62	11119m	0.22	ppbv		
37) Benzene	13.287	78	28495	0.19	ppbv	#	100
38) n-Heptane	13.300	43	13517	0.20	ppbv	#	93
40) Trichloroethylene	14.320	95	12212	0.18	ppbv		94
41) 1,2-Dichloropropane	14.552	63	9868	0.19	ppbv	#	98
42) Methyl Methacrylate	14.568	69	9188	0.17	ppbv	#	49
43) 1,4-Dioxane	14.886	88	6254	0.18	ppbv	#	100
44) Bromodichloromethane	14.918	83	17375	0.17	ppbv		99
45) Methyl Isobutyl Ketone	15.467	43	16425	0.18	ppbv		93
46) cis-1,3-Dichloropropene	15.807	75	13662	0.17	ppbv		97
47) Toluene	16.464	91	33451	0.18	ppbv		98
48) trans-1,3-Dichloropropene	16.624	75	11078	0.16	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029020.D
Acq On : 13 Feb 2025 10:00 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

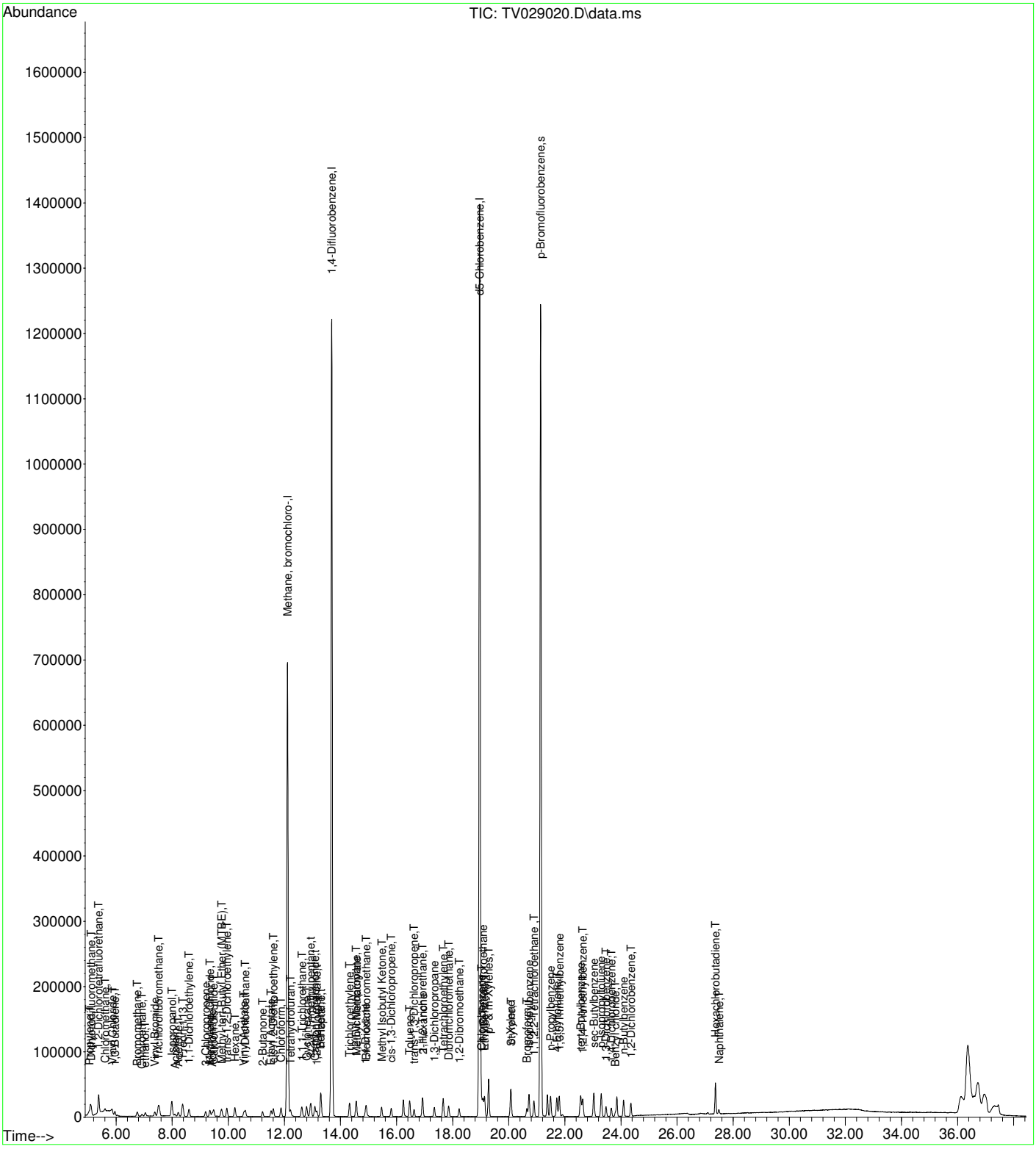
Quant Time: Mar 26 16:26:20 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	11327	0.18	ppbv		95
50) 2-Hexanone	16.935	43	13372	0.17	ppbv		96
51) 1,3-Dichloropropane	17.344	76	15170	0.18	ppbv	#	98
52) Tetrachloroethylene	17.661	166	14127	0.17	ppbv		93
53) Dibromchloromethane	17.857	129	16086	0.15	ppbv		99
54) 1,2-Dibromoethane	18.229	107	15012	0.16	ppbv		99
56) Chlorobenzene	19.030	112	25794	0.18	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	13576	0.17	ppbv		94
58) Ethylbenzene	19.135	91	41361	0.19	ppbv		96
59) p- & m-Xylenes	19.279	91	61811	0.37	ppbv		95
60) o-Xylene	20.066	91	31550	0.18	ppbv		99
61) Styrene	20.083	104	19924	0.15	ppbv	#	74
62) Bromoform	20.645	173	10449	0.12	ppbv		96
63) n-Propylbenzene	21.491	91	50204	0.17	ppbv		99
64) Isopropylbenzene	20.720	105	44329	0.18	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.893	83	23760	0.18	ppbv		99
67) 4-Ethyltoluene	21.714	105	39582	0.16	ppbv		94
68) 1,3,5-Trimethylbenzene	21.799	105	34587	0.17	ppbv		98
69) tert-Butylbenzene	22.564	119	40490	0.17	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.635	105	34151	0.16	ppbv	#	84
71) sec-Butylbenzene	23.031	105	54146	0.17	ppbv	#	93
72) p-Isopropyltoluene	23.296	119	42490	0.16	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	12782	0.11	ppbv		98
74) 1,4-Dichlorobenzene	23.655	146	10608	0.10	ppbv		98
75) Benzyl chloride	23.796	126	2269	0.05	ppbv	#	1
76) n-Butylbenzene	24.093	91	26353	0.12	ppbv	#	83
77) 1,2-Dichlorobenzene	24.355	146	15147	0.12	ppbv		98
79) Hexachlorobutadiene	27.368	225	13021	0.15	ppbv	#	88
80) Naphthalene	27.493	128	9349	0.04	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029020.D
Acq On : 13 Feb 2025 10:00 pm
Operator : YR
Sample : SEQ-CAL4
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:20 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029021.D
Acq On : 13 Feb 2025 10:46 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:24 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.107	49	485908	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1666405	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1428781	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	844180	0.32	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.20%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	10047	0.50	ppbv	#	89
3) Dichlorodifluoromethane	5.116	85	52332	0.47	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.374	85	63987	0.49	ppbv		90
5) Chloromethane	5.599	50	16943	0.52	ppbv		98
6) Vinyl Chloride	5.874	62	21750	0.49	ppbv		99
7) 1,3-Butadiene	5.952	54	14943	0.47	ppbv		96
8) Bromomethane	6.753	94	20666	0.47	ppbv		98
9) Chloroethane	6.920	64	10726	0.48	ppbv		95
10) ethanol	7.038	45	12825	0.63	ppbv		89
11) Vinyl Bromide	7.374	106	19544	0.45	ppbv		99
12) Trichlorofluoromethane	7.498	101	49726	0.46	ppbv		100
13) Isopropanol	7.979	45	68333	0.79	ppbv		100
14) Acrolein	8.097	56	8528	0.46	ppbv	#	100
15) Acetone	8.211	43	30359	0.52	ppbv		90
16) Freon-113	8.368	101	43060	0.46	ppbv		97
17) 1,1-Dichloroethylene	8.600	61	31023	0.48	ppbv		92
18) 3-Chloropropene	9.185	41	21205	0.48	ppbv		92
19) Methylene Chloride	9.345	49	22127	0.50	ppbv		89
20) Acrylonitrile	9.420	53	18851	0.51	ppbv	#	100
21) Carbon disulfide	9.479	76	61821	0.47	ppbv		97
22) Methyl-tert-Butyl Ethe...	9.754	73	55076	0.46	ppbv		97
23) trans-1,2-Dichloroethy...	9.943	61	29147	0.48	ppbv		90
24) Hexane	10.231	57	31073	0.47	ppbv		93
25) Vinyl Acetate	10.555	43	41157	0.45	ppbv	#	99
26) 1,1-Dichloroethane	10.610	63	36393	0.48	ppbv	#	99
27) 2-Butanone	11.218	43	36802	0.48	ppbv		93
28) Ethyl Acetate	11.519	43	42032	0.48	ppbv		96
29) cis-1,2-Dichloroethylene	11.607	61	27266	0.47	ppbv		91
30) Chloroform	11.878	83	44551	0.46	ppbv		98
31) Tetrahydrofuran	12.212	42	21245	0.49	ppbv		94
32) 1,1,1-Trichlorethane	12.620	97	42944	0.45	ppbv		99
33) Cyclohexane	12.790	56	32295	0.47	ppbv		95
34) 2,2,4-Trimethylpentane	12.938	57	96226	0.48	ppbv		99
35) Carbon Tetrachloride	13.085	117	41797	0.44	ppbv		97
36) 1,2-Dichloroethane	13.157	62	26268m	0.56	ppbv		
37) Benzene	13.287	78	68599	0.47	ppbv	#	100
38) n-Heptane	13.304	43	32585	0.50	ppbv	#	91
40) Trichloroethylene	14.323	95	29320	0.47	ppbv		95
41) 1,2-Dichloropropane	14.552	63	23710	0.49	ppbv	#	98
42) Methyl Methacrylate	14.565	69	22822	0.45	ppbv	#	78
43) 1,4-Dioxane	14.882	88	15021	0.47	ppbv	#	100
44) Bromodichloromethane	14.915	83	44376	0.47	ppbv		99
45) Methyl Isobutyl Ketone	15.461	43	41195	0.48	ppbv		92
46) cis-1,3-Dichloropropene	15.807	75	33385	0.46	ppbv		97
47) Toluene	16.464	91	79965	0.47	ppbv		99
48) trans-1,3-Dichloropropene	16.625	75	27474	0.44	ppbv		95

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029021.D
Acq On : 13 Feb 2025 10:46 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

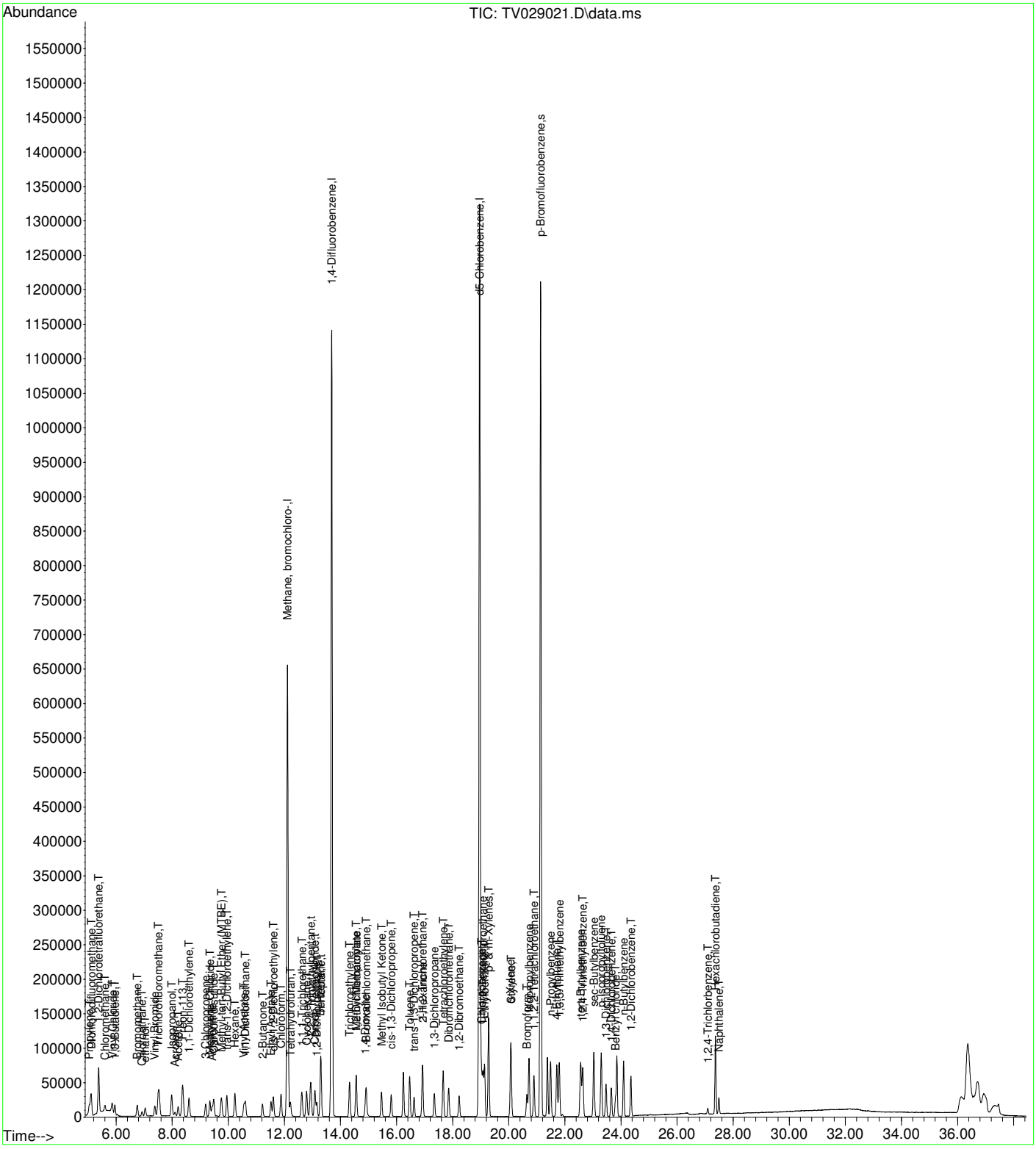
Quant Time: Mar 26 16:26:24 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	27738	0.46	ppbv		97
50) 2-Hexanone	16.932	43	36018	0.48	ppbv		96
51) 1,3-Dichloropropane	17.344	76	37823	0.47	ppbv	#	100
52) Tetrachloroethylene	17.661	166	33465	0.44	ppbv		92
53) Dibromchloromethane	17.857	129	40852	0.41	ppbv		99
54) 1,2-Dibromoethane	18.226	107	37554	0.43	ppbv		98
56) Chlorobenzene	19.030	112	62530	0.47	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.076	131	33324	0.46	ppbv		94
58) Ethylbenzene	19.135	91	101647	0.49	ppbv		97
59) p- & m-Xylenes	19.279	91	154349	0.98	ppbv		94
60) o-Xylene	20.063	91	76671	0.47	ppbv		98
61) Styrene	20.083	104	52778	0.42	ppbv	#	74
62) Bromoform	20.645	173	27373	0.34	ppbv		98
63) n-Propylbenzene	21.488	91	129769	0.47	ppbv		99
64) Isopropylbenzene	20.720	105	111315	0.47	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.893	83	59632	0.48	ppbv		99
67) 4-Ethyltoluene	21.707	105	99917	0.44	ppbv		94
68) 1,3,5-Trimethylbenzene	21.799	105	91544	0.48	ppbv		96
69) tert-Butylbenzene	22.564	119	100555	0.45	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	88669	0.45	ppbv	#	84
71) sec-Butylbenzene	23.031	105	138936	0.47	ppbv	#	100
72) p-Isopropyltoluene	23.296	119	111514	0.44	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	39705	0.36	ppbv		98
74) 1,4-Dichlorobenzene	23.655	146	34092	0.33	ppbv		98
75) Benzyl chloride	23.806	126	8541	0.21	ppbv	#	1
76) n-Butylbenzene	24.093	91	84055	0.40	ppbv	#	89
77) 1,2-Dichlorobenzene	24.355	146	45006	0.39	ppbv		97
78) 1,2,4-Trichlorbenzene	27.097	180	4072	0.05	ppbv		89
79) Hexachlorobutadiene	27.369	225	29707	0.37	ppbv	#	90
80) Naphthalene	27.490	128	32420	0.15	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029021.D
Acq On : 13 Feb 2025 10:46 pm
Operator : YR
Sample : SEQ-CAL5
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:24 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029022.D
Acq On : 13 Feb 2025 11:31 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:28 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.107	49	472893	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1613992	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1399016	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	852513	0.33	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	19225	0.98	ppbv		94
3) Dichlorodifluoromethane	5.112	85	101066	0.94	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.377	85	126631	0.99	ppbv		90
5) Chloromethane	5.603	50	34118	1.08	ppbv		100
6) Vinyl Chloride	5.871	62	41263	0.95	ppbv		100
7) 1,3-Butadiene	5.956	54	29510	0.96	ppbv		96
8) Bromomethane	6.753	94	39780	0.93	ppbv		99
9) Chloroethane	6.926	64	20919	0.96	ppbv		97
10) ethanol	7.031	45	25828	1.30	ppbv		87
11) Vinyl Bromide	7.381	106	38339	0.91	ppbv		100
12) Trichlorofluoromethane	7.498	101	96552	0.92	ppbv		100
13) Isopropanol	7.976	45	101406	1.20	ppbv		100
14) Acrolein	8.097	56	16922	0.94	ppbv	#	100
15) Acetone	8.208	43	57225	1.01	ppbv		87
16) Freon-113	8.371	101	83934	0.92	ppbv		97
17) 1,1-Dichloroethylene	8.600	61	59841	0.96	ppbv		92
18) 3-Chloropropene	9.192	41	41640	0.97	ppbv		91
19) Methylene Chloride	9.342	49	42778	1.00	ppbv		89
20) Acrylonitrile	9.420	53	37441	1.05	ppbv	#	100
21) Carbon disulfide	9.479	76	121970	0.96	ppbv		95
22) Methyl-tert-Butyl Ethe...	9.751	73	108197	0.94	ppbv		97
23) trans-1,2-Dichloroethy...	9.943	61	56917	0.97	ppbv		89
24) Hexane	10.234	57	61552	0.96	ppbv		92
25) Vinyl Acetate	10.551	43	84749	0.96	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	71099	0.96	ppbv	#	99
27) 2-Butanone	11.215	43	72519	0.97	ppbv		92
28) Ethyl Acetate	11.522	43	83811	0.98	ppbv		97
29) cis-1,2-Dichloroethylene	11.607	61	53232	0.94	ppbv		90
30) Chloroform	11.882	83	88100	0.94	ppbv		99
31) Tetrahydrofuran	12.209	42	41277	0.99	ppbv		92
32) 1,1,1-Trichlorethane	12.620	97	84472	0.92	ppbv		99
33) Cyclohexane	12.794	56	63806	0.96	ppbv		97
34) 2,2,4-Trimethylpentane	12.937	57	188884	0.96	ppbv	#	99
35) Carbon Tetrachloride	13.085	117	83107	0.91	ppbv		98
36) 1,2-Dichloroethane	13.160	62	50729m	1.10	ppbv		
37) Benzene	13.290	78	133161	0.94	ppbv	#	100
38) n-Heptane	13.304	43	64244	1.02	ppbv	#	76
40) Trichloroethylene	14.320	95	56623	0.93	ppbv		93
41) 1,2-Dichloropropane	14.552	63	46174	0.99	ppbv	#	97
42) Methyl Methacrylate	14.565	69	46778	0.95	ppbv	#	78
43) 1,4-Dioxane	14.879	88	30304	0.98	ppbv	#	100
44) Bromodichloromethane	14.915	83	88449	0.96	ppbv		99
45) Methyl Isobutyl Ketone	15.458	43	82895	1.00	ppbv		92
46) cis-1,3-Dichloropropene	15.807	75	66782	0.94	ppbv		96
47) Toluene	16.464	91	159433	0.97	ppbv		98
48) trans-1,3-Dichloropropene	16.625	75	56517	0.93	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029022.D
Acq On : 13 Feb 2025 11:31 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

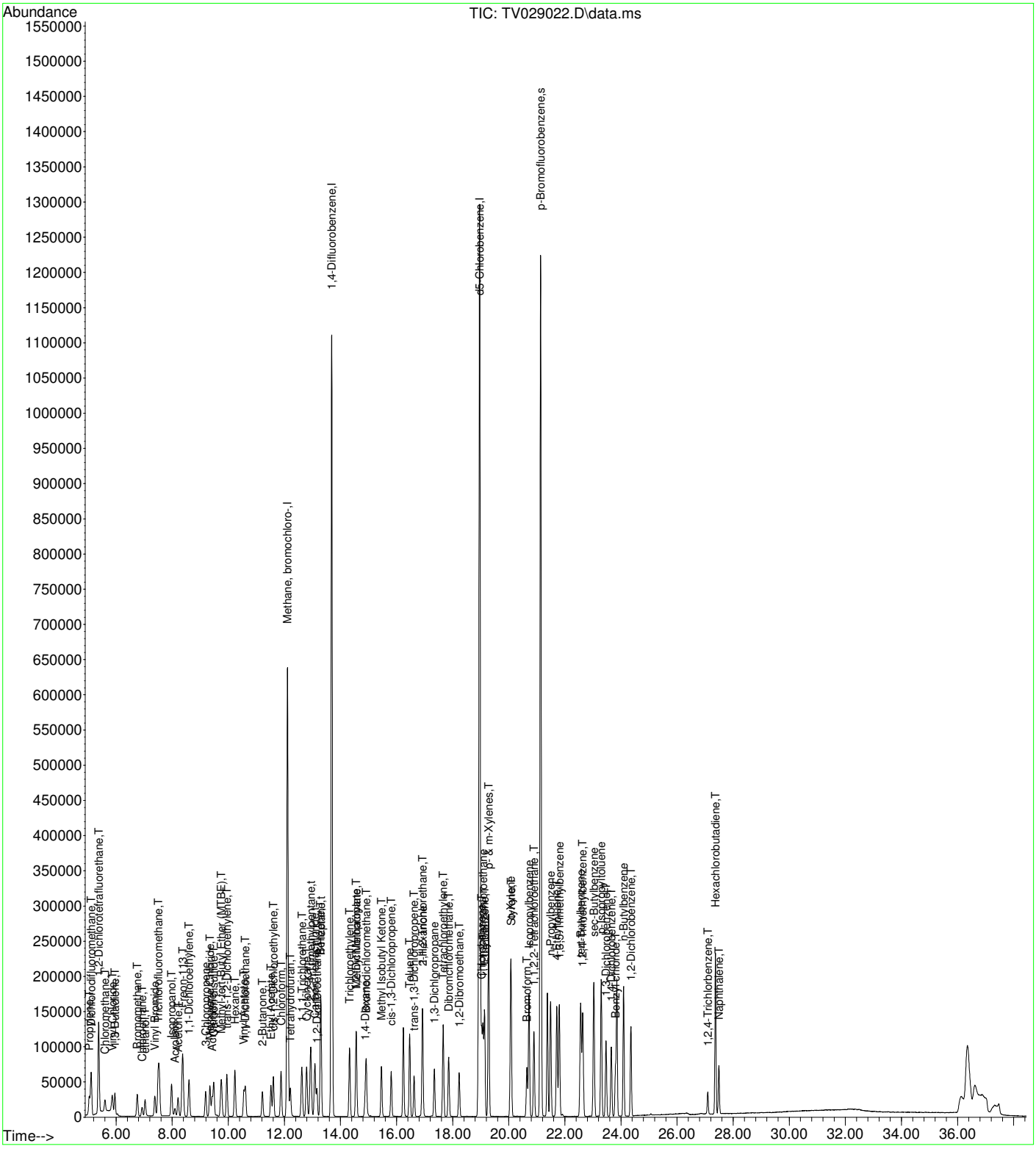
Quant Time: Mar 26 16:26:28 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	54819	0.95	ppbv		96
50) 2-Hexanone	16.928	43	74434	1.02	ppbv		95
51) 1,3-Dichloropropane	17.344	76	75123	0.96	ppbv	#	100
52) Tetrachloroethylene	17.657	166	66382	0.89	ppbv		93
53) Dibromchloromethane	17.857	129	83833	0.87	ppbv		99
54) 1,2-Dibromoethane	18.229	107	77332	0.91	ppbv		100
56) Chlorobenzene	19.027	112	123747	0.96	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	65740	0.92	ppbv		95
58) Ethylbenzene	19.135	91	202873	1.00	ppbv		97
59) p- & m-Xylenes	19.279	91	309619	2.00	ppbv		95
60) o-Xylene	20.066	91	156203	0.98	ppbv		99
61) Styrene	20.083	104	112272	0.92	ppbv	#	74
62) Bromoform	20.645	173	57642	0.74	ppbv		98
63) n-Propylbenzene	21.488	91	266694	0.99	ppbv		99
64) Isopropylbenzene	20.720	105	226700	0.98	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	121997	1.00	ppbv		99
67) 4-Ethyltoluene	21.711	105	218717	0.98	ppbv		95
68) 1,3,5-Trimethylbenzene	21.799	105	177979	0.95	ppbv		98
69) tert-Butylbenzene	22.564	119	206844	0.95	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.632	105	184372	0.96	ppbv	#	84
71) sec-Butylbenzene	23.031	105	286016	0.98	ppbv	#	93
72) p-Isopropyltoluene	23.296	119	235802	0.96	ppbv	#	100
73) 1,3-Dichlorobenzene	23.469	146	90519	0.83	ppbv		97
74) 1,4-Dichlorobenzene	23.652	146	79408	0.79	ppbv		98
75) Benzyl chloride	23.806	126	22443	0.56	ppbv	#	1
76) n-Butylbenzene	24.093	91	195198	0.95	ppbv	#	89
77) 1,2-Dichlorobenzene	24.355	146	99427	0.87	ppbv		98
78) 1,2,4-Trichlorbenzene	27.094	180	15129	0.19	ppbv		93
79) Hexachlorobutadiene	27.369	225	60813	0.78	ppbv	#	90
80) Naphthalene	27.489	128	96128	0.45	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029022.D
Acq On : 13 Feb 2025 11:31 pm
Operator : YR
Sample : SEQ-CAL6
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:28 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029023.D
Acq On : 14 Feb 2025 12:16 am
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.107	49	468660	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1587444	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1376761	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	821654	0.33	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	28686	1.47	ppbv		95
3) Dichlorodifluoromethane	5.109	85	151205	1.42	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.374	85	189708	1.50	ppbv		92
5) Chloromethane	5.603	50	46951	1.50	ppbv		99
6) Vinyl Chloride	5.871	62	61675	1.43	ppbv		100
7) 1,3-Butadiene	5.956	54	43283	1.42	ppbv		96
8) Bromomethane	6.753	94	59256	1.40	ppbv		98
9) Chloroethane	6.926	64	30625	1.42	ppbv		96
10) ethanol	7.031	45	37346	1.89	ppbv		88
11) Vinyl Bromide	7.377	106	56800	1.36	ppbv		100
12) Trichlorofluoromethane	7.498	101	143949	1.39	ppbv		99
13) Isopropanol	7.972	45	134295	1.61	ppbv		100
14) Acrolein	8.100	56	25534	1.43	ppbv	#	100
15) Acetone	8.204	43	84357	1.50	ppbv		88
16) Freon-113	8.368	101	124292	1.38	ppbv		97
17) 1,1-Dichloroethylene	8.597	61	88496	1.43	ppbv		92
18) 3-Chloropropene	9.188	41	62042	1.46	ppbv		92
19) Methylene Chloride	9.342	49	62330	1.46	ppbv		87
20) Acrylonitrile	9.420	53	55606	1.57	ppbv	#	100
21) Carbon disulfide	9.479	76	181620	1.44	ppbv		96
22) Methyl-tert-Butyl Ethe...	9.747	73	161501	1.41	ppbv		97
23) trans-1,2-Dichloroethy...	9.947	61	83724	1.43	ppbv		89
24) Hexane	10.234	57	91283	1.44	ppbv		92
25) Vinyl Acetate	10.551	43	127880	1.46	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	105926	1.44	ppbv	#	99
27) 2-Butanone	11.212	43	109438	1.48	ppbv		93
28) Ethyl Acetate	11.519	43	125375	1.48	ppbv		96
29) cis-1,2-Dichloroethylene	11.607	61	79532	1.42	ppbv		91
30) Chloroform	11.882	83	131111	1.42	ppbv		99
31) Tetrahydrofuran	12.209	42	61623	1.49	ppbv		92
32) 1,1,1-Trichlorethane	12.620	97	126237	1.38	ppbv		99
33) Cyclohexane	12.790	56	94696	1.44	ppbv		96
34) 2,2,4-Trimethylpentane	12.937	57	283389	1.45	ppbv		98
35) Carbon Tetrachloride	13.088	117	124619	1.37	ppbv	#	58
36) 1,2-Dichloroethane	13.160	62	75473m	1.65	ppbv		
37) Benzene	13.290	78	199034	1.42	ppbv	#	100
38) n-Heptane	13.304	43	95586	1.53	ppbv	#	91
40) Trichloroethylene	14.323	95	85954	1.44	ppbv		96
41) 1,2-Dichloropropane	14.552	63	69121	1.50	ppbv	#	97
42) Methyl Methacrylate	14.565	69	70820	1.46	ppbv	#	78
43) 1,4-Dioxane	14.879	88	43840	1.45	ppbv	#	100
44) Bromodichloromethane	14.915	83	132909	1.47	ppbv		99
45) Methyl Isobutyl Ketone	15.458	43	124616	1.53	ppbv		92
46) cis-1,3-Dichloropropene	15.807	75	100242	1.44	ppbv		96
47) Toluene	16.464	91	240783	1.48	ppbv		98
48) trans-1,3-Dichloropropene	16.621	75	85385	1.42	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029023.D
Acq On : 14 Feb 2025 12:16 am
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

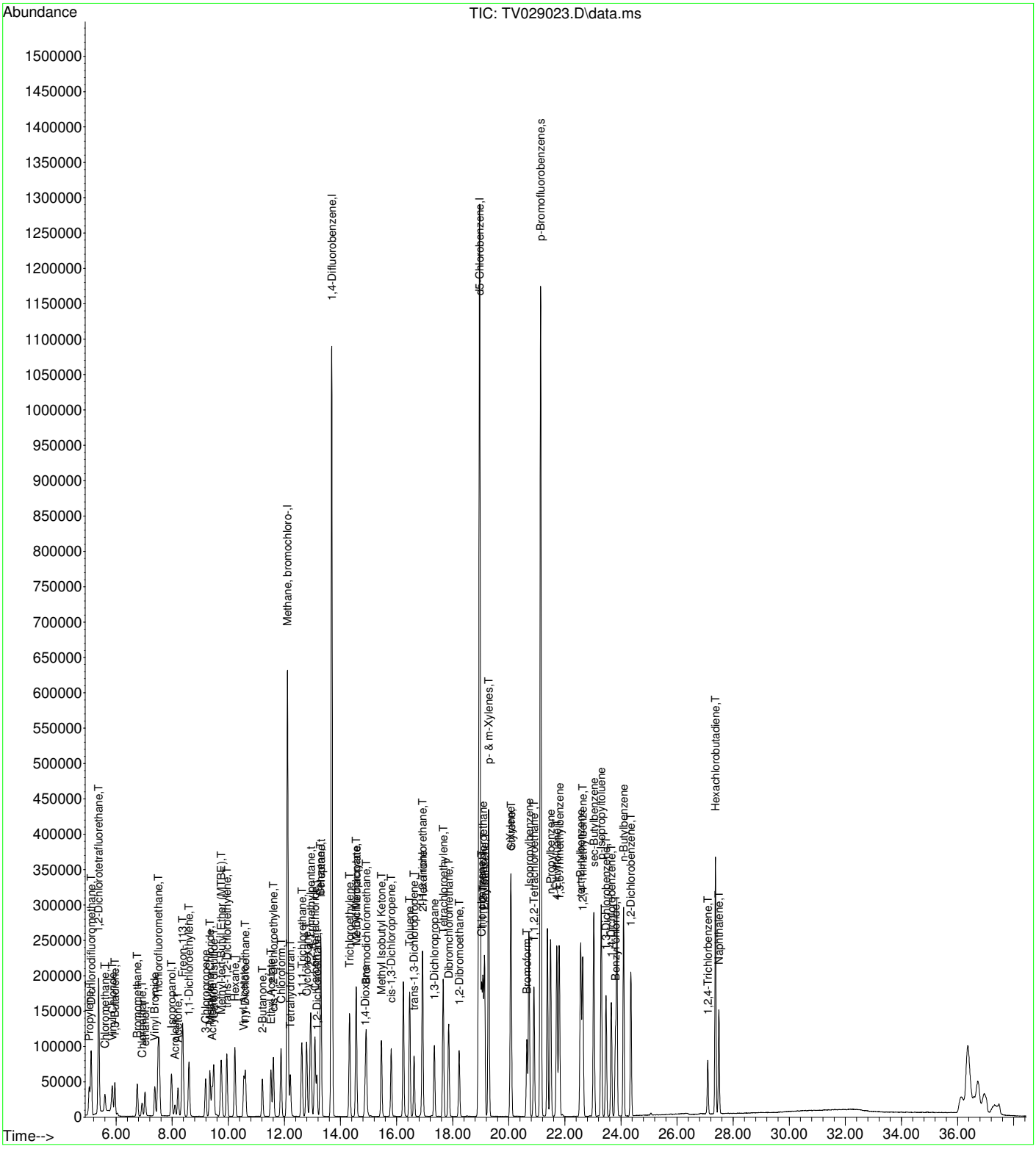
Quant Time: Mar 26 16:26:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	82471	1.45	ppbv		96
50) 2-Hexanone	16.928	43	113657	1.58	ppbv	#	94
51) 1,3-Dichloropropane	17.344	76	112529	1.47	ppbv	#	100
52) Tetrachloroethylene	17.661	166	99839	1.37	ppbv		94
53) Dibromchloromethane	17.857	129	128339	1.36	ppbv		99
54) 1,2-Dibromoethane	18.229	107	116364	1.39	ppbv		99
56) Chlorobenzene	19.027	112	185753	1.46	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	99412	1.41	ppbv		95
58) Ethylbenzene	19.135	91	305959	1.53	ppbv		97
59) p- & m-Xylenes	19.279	91	466766	3.07	ppbv		94
60) o-Xylene	20.063	91	235193	1.49	ppbv		98
61) Styrene	20.083	104	174462	1.45	ppbv	#	74
62) Bromoform	20.642	173	90652	1.18	ppbv		98
63) n-Propylbenzene	21.488	91	406951	1.54	ppbv		99
64) Isopropylbenzene	20.720	105	343058	1.51	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.893	83	186127	1.55	ppbv		98
67) 4-Ethyltoluene	21.710	105	335807	1.54	ppbv		95
68) 1,3,5-Trimethylbenzene	21.799	105	271317	1.47	ppbv		98
69) tert-Butylbenzene	22.560	119	315119	1.46	ppbv	#	94
70) 1,2,4-Trimethylbenzene	22.635	105	281268	1.49	ppbv	#	84
71) sec-Butylbenzene	23.031	105	436904	1.52	ppbv	#	100
72) p-Isopropyltoluene	23.296	119	364282	1.50	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	145392	1.36	ppbv		98
74) 1,4-Dichlorobenzene	23.655	146	133010	1.35	ppbv		97
75) Benzyl chloride	23.806	126	38359	0.97	ppbv	#	1
76) n-Butylbenzene	24.090	91	311547	1.55	ppbv	#	89
77) 1,2-Dichlorobenzene	24.352	146	158915	1.42	ppbv		97
78) 1,2,4-Trichlorbenzene	27.094	180	36440	0.47	ppbv		94
79) Hexachlorobutadiene	27.368	225	96403	1.25	ppbv	#	91
80) Naphthalene	27.489	128	204229	0.97	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029023.D
Acq On : 14 Feb 2025 12:16 am
Operator : YR
Sample : SEQ-CAL7
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:32 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029024.D
Acq On : 14 Feb 2025 01:02 am
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:36 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.107	49	468130	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1589517	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1380195	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	837923	0.33	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	37676	1.94	ppbv		96
3) Dichlorodifluoromethane	5.112	85	199848	1.87	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.374	85	249838	1.97	ppbv		92
5) Chloromethane	5.599	50	62150	1.98	ppbv	#	86
6) Vinyl Chloride	5.867	62	81071	1.88	ppbv		99
7) 1,3-Butadiene	5.952	54	57046	1.88	ppbv		96
8) Bromomethane	6.753	94	77207	1.83	ppbv		99
9) Chloroethane	6.923	64	40782	1.89	ppbv		97
10) ethanol	7.031	45	48151	2.44	ppbv		88
11) Vinyl Bromide	7.377	106	76039	1.82	ppbv		100
12) Trichlorofluoromethane	7.498	101	190162	1.83	ppbv		99
13) Isopropanol	7.972	45	166020	1.99	ppbv		100
14) Acrolein	8.097	56	34270	1.92	ppbv	#	100
15) Acetone	8.204	43	111175	1.99	ppbv		87
16) Freon-113	8.368	101	164690	1.83	ppbv		97
17) 1,1-Dichloroethylene	8.597	61	117988	1.91	ppbv		92
18) 3-Chloropropene	9.192	41	81650	1.92	ppbv		92
19) Methylene Chloride	9.342	49	82640	1.94	ppbv		89
20) Acrylonitrile	9.417	53	73507	2.08	ppbv	#	100
21) Carbon disulfide	9.479	76	242185	1.92	ppbv		95
22) Methyl-tert-Butyl Ethe...	9.744	73	214127	1.87	ppbv		97
23) trans-1,2-Dichloroethy...	9.947	61	110514	1.90	ppbv		89
24) Hexane	10.234	57	120794	1.91	ppbv		93
25) Vinyl Acetate	10.551	43	171312	1.96	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	139014	1.90	ppbv	#	99
27) 2-Butanone	11.215	43	144153	1.95	ppbv		93
28) Ethyl Acetate	11.519	43	165367	1.95	ppbv		97
29) cis-1,2-Dichloroethylene	11.604	61	106569	1.91	ppbv		91
30) Chloroform	11.878	83	172842	1.87	ppbv		99
31) Tetrahydrofuran	12.209	42	81363	1.96	ppbv		92
32) 1,1,1-Trichlorethane	12.620	97	166969	1.83	ppbv		99
33) Cyclohexane	12.790	56	125321	1.91	ppbv		97
34) 2,2,4-Trimethylpentane	12.937	57	376748	1.93	ppbv		98
35) Carbon Tetrachloride	13.088	117	165824	1.83	ppbv		98
36) 1,2-Dichloroethane	13.156	62	98990m	2.17	ppbv		
37) Benzene	13.290	78	264137	1.88	ppbv	#	100
38) n-Heptane	13.304	43	127116	2.03	ppbv	#	91
40) Trichloroethylene	14.323	95	113873	1.90	ppbv		95
41) 1,2-Dichloropropane	14.555	63	91376	1.98	ppbv	#	98
42) Methyl Methacrylate	14.565	69	95672	1.96	ppbv	#	78
43) 1,4-Dioxane	14.876	88	56922	1.88	ppbv	#	100
44) Bromodichloromethane	14.915	83	178577	1.97	ppbv		98
45) Methyl Isobutyl Ketone	15.458	43	167961	2.07	ppbv		93
46) cis-1,3-Dichloropropene	15.807	75	133930	1.92	ppbv		97
47) Toluene	16.464	91	319939	1.97	ppbv		98
48) trans-1,3-Dichloropropene	16.624	75	111493	1.86	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029024.D
Acq On : 14 Feb 2025 01:02 am
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

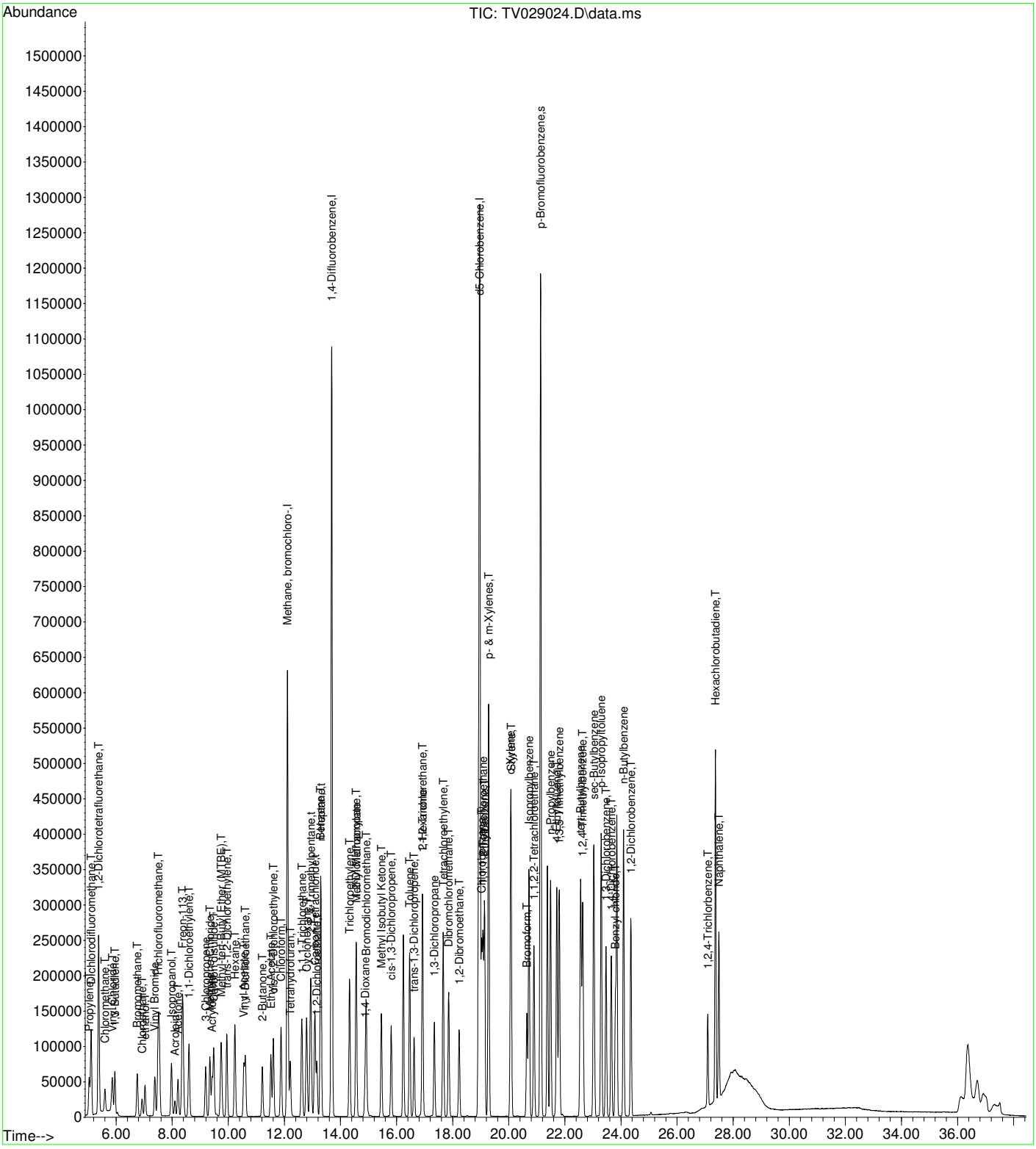
Quant Time: Mar 26 16:26:36 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	109480	1.92	ppbv		96
50) 2-Hexanone	16.925	43	151899	2.11	ppbv		95
51) 1,3-Dichloropropane	17.344	76	150040	1.96	ppbv	#	100
52) Tetrachloroethylene	17.661	166	132878	1.81	ppbv		94
53) Dibromchloromethane	17.853	129	173641	1.84	ppbv		100
54) 1,2-Dibromoethane	18.229	107	153603	1.83	ppbv		99
56) Chlorobenzene	19.027	112	247967	1.94	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	133593	1.90	ppbv		95
58) Ethylbenzene	19.135	91	408463	2.04	ppbv		97
59) p- & m-Xylenes	19.279	91	630947	4.14	ppbv		94
60) o-Xylene	20.063	91	316546	2.01	ppbv		98
61) Styrene	20.083	104	238806	1.97	ppbv	#	74
62) Bromoform	20.645	173	123515	1.61	ppbv		98
63) n-Propylbenzene	21.488	91	544696	2.06	ppbv		99
64) Isopropylbenzene	20.720	105	460920	2.03	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	248181	2.06	ppbv		98
67) 4-Ethyltoluene	21.710	105	453373	2.07	ppbv		95
68) 1,3,5-Trimethylbenzene	21.795	105	363662	1.97	ppbv		98
69) tert-Butylbenzene	22.560	119	426033	1.97	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.632	105	379970	2.01	ppbv	#	83
71) sec-Butylbenzene	23.031	105	587134	2.04	ppbv	#	100
72) p-Isopropyltoluene	23.296	119	491212	2.02	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	202444	1.89	ppbv		97
74) 1,4-Dichlorobenzene	23.652	146	185382	1.88	ppbv		97
75) Benzyl chloride	23.799	126	54956	1.38	ppbv	#	1
76) n-Butylbenzene	24.090	91	427983	2.12	ppbv	#	89
77) 1,2-Dichlorobenzene	24.355	146	219239	1.95	ppbv		97
78) 1,2,4-Trichlorbenzene	27.094	180	63326	0.81	ppbv		95
79) Hexachlorobutadiene	27.368	225	133728	1.73	ppbv	#	91
80) Naphthalene	27.489	128	327775	1.56	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029024.D
Acq On : 14 Feb 2025 01:02 am
Operator : YR
Sample : SEQ-CAL8
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:36 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029025.D
Acq On : 14 Feb 2025 01:47 am
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:40 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.111	49	477306	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1663725	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1459173	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	888318	0.33	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	48004	2.42	ppbv		97
3) Dichlorodifluoromethane	5.112	85	265844	2.45	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	326586	2.53	ppbv		90
5) Chloromethane	5.603	50	79536	2.49	ppbv		99
6) Vinyl Chloride	5.871	62	104120	2.37	ppbv		99
7) 1,3-Butadiene	5.956	54	76182	2.46	ppbv		97
8) Bromomethane	6.753	94	103482	2.41	ppbv		99
9) Chloroethane	6.927	64	53551	2.43	ppbv		97
10) ethanol	7.031	45	59817	2.98	ppbv		89
11) Vinyl Bromide	7.381	106	101196	2.37	ppbv		99
12) Trichlorofluoromethane	7.502	101	256532	2.43	ppbv		98
13) Isopropanol	7.972	45	202713	2.39	ppbv		100
14) Acrolein	8.097	56	44760	2.46	ppbv	#	100
15) Acetone	8.205	43	144772	2.54	ppbv		88
16) Freon-113	8.371	101	221133	2.41	ppbv		98
17) 1,1-Dichloroethylene	8.600	61	155128	2.47	ppbv		91
18) 3-Chloropropene	9.192	41	106400	2.46	ppbv		91
19) Methylene Chloride	9.345	49	105733	2.44	ppbv		86
20) Acrylonitrile	9.420	53	96085	2.67	ppbv	#	100
21) Carbon disulfide	9.479	76	318820	2.48	ppbv		94
22) Methyl-tert-Butyl Ethe...	9.744	73	285239	2.45	ppbv		96
23) trans-1,2-Dichloroethy...	9.947	61	145883	2.45	ppbv		87
24) Hexane	10.234	57	159247	2.47	ppbv		91
25) Vinyl Acetate	10.551	43	228957	2.56	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	183828	2.46	ppbv	#	99
27) 2-Butanone	11.212	43	189271	2.52	ppbv		92
28) Ethyl Acetate	11.519	43	219252	2.54	ppbv		97
29) cis-1,2-Dichloroethylene	11.607	61	140499	2.47	ppbv		90
30) Chloroform	11.882	83	231344	2.46	ppbv		98
31) Tetrahydrofuran	12.209	42	105552	2.50	ppbv		91
32) 1,1,1-Trichlorethane	12.620	97	224093	2.41	ppbv		98
33) Cyclohexane	12.790	56	165149	2.46	ppbv		96
34) 2,2,4-Trimethylpentane	12.938	57	495200	2.49	ppbv		98
35) Carbon Tetrachloride	13.088	117	222766	2.41	ppbv		99
36) 1,2-Dichloroethane	13.160	62	131083m	2.82	ppbv		
37) Benzene	13.291	78	348323	2.44	ppbv	#	100
38) n-Heptane	13.304	43	165882	2.60	ppbv	#	92
40) Trichloroethylene	14.323	95	153317	2.44	ppbv		95
41) 1,2-Dichloropropane	14.552	63	120149	2.49	ppbv	#	97
42) Methyl Methacrylate	14.565	69	126437	2.48	ppbv	#	78
43) 1,4-Dioxane	14.876	88	73662	2.32	ppbv	#	100
44) Bromodichloromethane	14.915	83	238750	2.52	ppbv		98
45) Methyl Isobutyl Ketone	15.458	43	220087	2.59	ppbv		93
46) cis-1,3-Dichloropropene	15.811	75	182532	2.50	ppbv		97
47) Toluene	16.464	91	424976	2.50	ppbv		98
48) trans-1,3-Dichloropropene	16.625	75	157006	2.50	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029025.D
Acq On : 14 Feb 2025 01:47 am
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

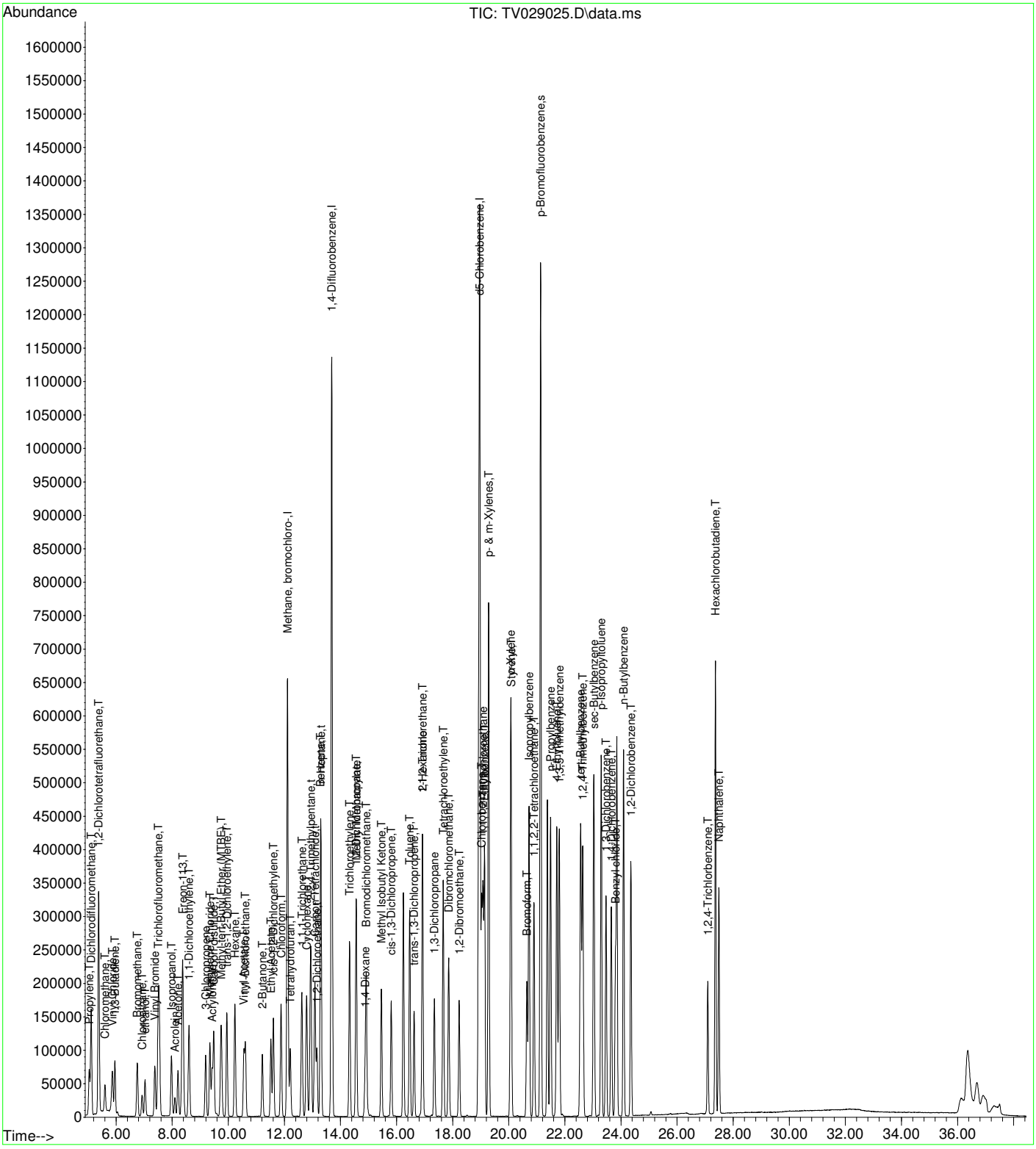
Quant Time: Mar 26 16:26:40 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	146308	2.45	ppbv		95
50) 2-Hexanone	16.925	43	202820	2.70	ppbv		94
51) 1,3-Dichloropropane	17.347	76	200941	2.50	ppbv	#	100
52) Tetrachloroethylene	17.661	166	180728	2.36	ppbv		94
53) Dibromchloromethane	17.857	129	236362	2.39	ppbv		99
54) 1,2-Dibromoethane	18.229	107	215770	2.46	ppbv		100
56) Chlorobenzene	19.030	112	334282	2.48	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.079	131	180915	2.43	ppbv		96
58) Ethylbenzene	19.135	91	541061	2.55	ppbv		97
59) p- & m-Xylenes	19.279	91	836236	5.19	ppbv		93
60) o-Xylene	20.066	91	420946	2.52	ppbv		98
61) Styrene	20.083	104	325894	2.55	ppbv	#	74
62) Bromoform	20.642	173	173709	2.14	ppbv		98
63) n-Propylbenzene	21.488	91	726023	2.59	ppbv		99
64) Isopropylbenzene	20.720	105	615049	2.56	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	326396	2.56	ppbv		98
67) 4-Ethyltoluene	21.711	105	608948	2.63	ppbv		95
68) 1,3,5-Trimethylbenzene	21.799	105	485112	2.49	ppbv		98
69) tert-Butylbenzene	22.560	119	569826	2.50	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	507787	2.54	ppbv	#	84
71) sec-Butylbenzene	23.031	105	781061	2.57	ppbv	#	100
72) p-Isopropyltoluene	23.296	119	660044	2.56	ppbv	#	100
73) 1,3-Dichlorobenzene	23.469	146	283373	2.50	ppbv		96
74) 1,4-Dichlorobenzene	23.655	146	262274	2.51	ppbv		96
75) Benzyl chloride	23.802	126	78259	1.86	ppbv	#	1
76) n-Butylbenzene	24.093	91	579216	2.72	ppbv	#	83
77) 1,2-Dichlorobenzene	24.355	146	300341	2.53	ppbv		96
78) 1,2,4-Trichlorbenzene	27.094	180	98228	1.19	ppbv		95
79) Hexachlorobutadiene	27.369	225	186313	2.28	ppbv	#	91
80) Naphthalene	27.490	128	479158	2.15	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029025.D
Acq On : 14 Feb 2025 01:47 am
Operator : YR
Sample : SEQ-CAL9
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:40 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029026.D
Acq On : 14 Feb 2025 02:33 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:44 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.111	49	462292	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1610194	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1410815	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	901960	0.35	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.50%#			
Target Compounds							Qvalue
2) Propylene	5.041	42	56770	2.96	ppbv		96
3) Dichlorodifluoromethane	5.109	85	313186	2.98	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	388497	3.11	ppbv		91
5) Chloromethane	5.599	50	94484	3.05	ppbv	#	86
6) Vinyl Chloride	5.871	62	125811	2.96	ppbv		99
7) 1,3-Butadiene	5.952	54	88806	2.96	ppbv		96
8) Bromomethane	6.753	94	121493	2.92	ppbv		99
9) Chloroethane	6.923	64	63187	2.97	ppbv		96
10) ethanol	7.031	45	41975	2.16	ppbv		88
11) Vinyl Bromide	7.378	106	120521	2.92	ppbv		100
12) Trichlorofluoromethane	7.502	101	300528	2.93	ppbv		99
13) Isopropanol	7.972	45	236678	2.88	ppbv		100
14) Acrolein	8.093	56	50843	2.88	ppbv	#	100
15) Acetone	8.205	43	156532	2.83	ppbv		89
16) Freon-113	8.368	101	260597	2.93	ppbv		98
17) 1,1-Dichloroethylene	8.597	61	182690	3.00	ppbv		91
18) 3-Chloropropene	9.192	41	125724	3.00	ppbv		92
19) Methylene Chloride	9.342	49	124997	2.98	ppbv		87
20) Acrylonitrile	9.421	53	96091	2.76	ppbv	#	100
21) Carbon disulfide	9.479	76	373850	3.00	ppbv		94
22) Methyl-tert-Butyl Ethe...	9.744	73	335995	2.97	ppbv		97
23) trans-1,2-Dichloroethy...	9.947	61	172026	2.99	ppbv		88
24) Hexane	10.234	57	187604	3.01	ppbv		91
25) Vinyl Acetate	10.551	43	251944	2.91	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	215395	2.98	ppbv	#	99
27) 2-Butanone	11.212	43	220374	3.02	ppbv		93
28) Ethyl Acetate	11.519	43	253120	3.03	ppbv		97
29) cis-1,2-Dichloroethylene	11.607	61	164963	2.99	ppbv		90
30) Chloroform	11.882	83	270112	2.96	ppbv		98
31) Tetrahydrofuran	12.205	42	123090	3.01	ppbv		91
32) 1,1,1-Trichlorethane	12.624	97	263396	2.93	ppbv		98
33) Cyclohexane	12.790	56	195147	3.01	ppbv		96
34) 2,2,4-Trimethylpentane	12.938	57	585466	3.04	ppbv	#	98
35) Carbon Tetrachloride	13.088	117	261688	2.92	ppbv		99
36) 1,2-Dichloroethane	13.157	62	152268m	3.38	ppbv		
37) Benzene	13.291	78	408257	2.95	ppbv	#	100
38) n-Heptane	13.304	43	195540	3.17	ppbv	#	92
40) Trichloroethylene	14.323	95	180347	2.97	ppbv		95
41) 1,2-Dichloropropane	14.552	63	141713	3.04	ppbv	#	97
42) Methyl Methacrylate	14.565	69	150886	3.06	ppbv	#	78
43) 1,4-Dioxane	14.876	88	93732	3.05	ppbv	#	100
44) Bromodichloromethane	14.915	83	282243	3.08	ppbv		98
45) Methyl Isobutyl Ketone	15.458	43	263801	3.20	ppbv		92
46) cis-1,3-Dichloropropene	15.807	75	213723	3.02	ppbv		97
47) Toluene	16.464	91	498419	3.02	ppbv		98
48) trans-1,3-Dichloropropene	16.625	75	185109	3.05	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029026.D
Acq On : 14 Feb 2025 02:33 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

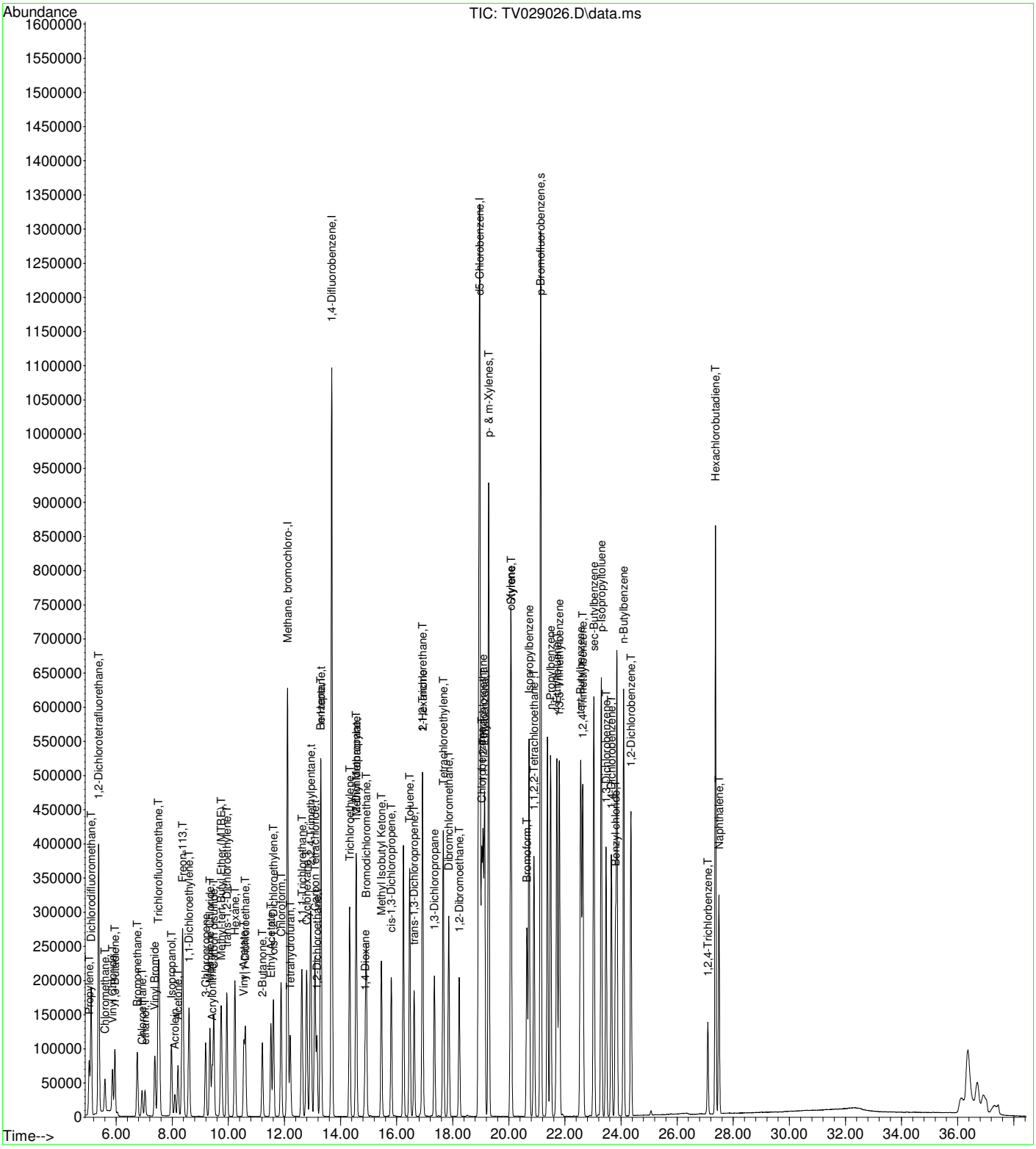
Quant Time: Mar 26 16:26:44 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	172946	2.99	ppbv		95
50) 2-Hexanone	16.925	43	244939	3.37	ppbv		94
51) 1,3-Dichloropropane	17.344	76	236578	3.04	ppbv	#	100
52) Tetrachloroethylene	17.661	166	214624	2.89	ppbv		95
53) Dibromchloromethane	17.857	129	291457	3.05	ppbv		99
54) 1,2-Dibromoethane	18.229	107	255825	3.01	ppbv		99
56) Chlorobenzene	19.030	112	394935	3.02	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.079	131	215066	2.99	ppbv		96
58) Ethylbenzene	19.135	91	643999	3.14	ppbv		97
59) p- & m-Xylenes	19.279	91	990091	6.35	ppbv		93
60) o-Xylene	20.063	91	500640	3.11	ppbv		98
61) Styrene	20.083	104	390750	3.16	ppbv	#	74
62) Bromoform	20.645	173	238092	3.03	ppbv		98
63) n-Propylbenzene	21.488	91	867651	3.20	ppbv		99
64) Isopropylbenzene	20.720	105	736305	3.17	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	390002	3.16	ppbv		98
67) 4-Ethyltoluene	21.711	105	727875	3.25	ppbv		94
68) 1,3,5-Trimethylbenzene	21.796	105	580627	3.08	ppbv		98
69) tert-Butylbenzene	22.560	119	682105	3.09	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	608786	3.15	ppbv	#	83
71) sec-Butylbenzene	23.031	105	936335	3.19	ppbv	#	100
72) p-Isopropyltoluene	23.296	119	790408	3.18	ppbv	#	100
73) 1,3-Dichlorobenzene	23.469	146	341775	3.11	ppbv		96
74) 1,4-Dichlorobenzene	23.655	146	318601	3.16	ppbv		96
75) Benzyl chloride	23.802	126	94477	2.32	ppbv	#	1
76) n-Butylbenzene	24.090	91	660010	3.20	ppbv	#	89
77) 1,2-Dichlorobenzene	24.355	146	355050	3.09	ppbv		97
78) 1,2,4-Trichlorbenzene	27.094	180	65763	0.83	ppbv		94
79) Hexachlorobutadiene	27.369	225	233374	2.95	ppbv	#	92
80) Naphthalene	27.490	128	454586	2.11	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029026.D
Acq On : 14 Feb 2025 02:33 am
Operator : YR
Sample : SEQ-CALA
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:44 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029027.D
Acq On : 14 Feb 2025 03:18 am
Operator : YR
Sample : SEQ-CALB
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:48 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.111	49	463126	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.686	114	1616403	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1449737	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	926567	0.35	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.50%#			
Target Compounds							Qvalue
2) Propylene	5.041	42	94220	4.90	ppbv		98
3) Dichlorodifluoromethane	5.112	85	522389	4.95	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.374	85	647569	5.17	ppbv		91
5) Chloromethane	5.599	50	157727	5.08	ppbv		100
6) Vinyl Chloride	5.871	62	206368	4.84	ppbv		98
7) 1,3-Butadiene	5.956	54	150690	5.01	ppbv		96
8) Bromomethane	6.753	94	203483	4.88	ppbv		99
9) Chloroethane	6.923	64	104406	4.89	ppbv		97
10) ethanol	7.031	45	69590	3.57	ppbv		89
11) Vinyl Bromide	7.378	106	203933	4.93	ppbv		100
12) Trichlorofluoromethane	7.502	101	505736	4.93	ppbv		98
13) Isopropanol	7.969	45	371757	4.51	ppbv		100
14) Acrolein	8.097	56	87281	4.94	ppbv	#	100
15) Acetone	8.205	43	260771	4.71	ppbv		89
16) Freon-113	8.371	101	436488	4.90	ppbv		98
17) 1,1-Dichloroethylene	8.597	61	304720	5.00	ppbv		91
18) 3-Chloropropene	9.192	41	210749	5.01	ppbv		92
19) Methylene Chloride	9.342	49	208868	4.97	ppbv		87
20) Acrylonitrile	9.421	53	162670	4.66	ppbv	#	100
21) Carbon disulfide	9.479	76	626238	5.01	ppbv		94
22) Methyl-tert-Butyl Ethe...	9.741	73	563166	4.98	ppbv		96
23) trans-1,2-Dichloroethy...	9.947	61	287278	4.98	ppbv		87
24) Hexane	10.234	57	314622	5.03	ppbv		91
25) Vinyl Acetate	10.551	43	438575	5.06	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	359805	4.96	ppbv	#	99
27) 2-Butanone	11.212	43	370911	5.08	ppbv		93
28) Ethyl Acetate	11.519	43	428292	5.11	ppbv		98
29) cis-1,2-Dichloroethylene	11.607	61	275803	4.99	ppbv		89
30) Chloroform	11.882	83	451597	4.94	ppbv		98
31) Tetrahydrofuran	12.205	42	205886	5.03	ppbv		91
32) 1,1,1-Trichlorethane	12.621	97	440782	4.89	ppbv		99
33) Cyclohexane	12.790	56	328170	5.05	ppbv		96
34) 2,2,4-Trimethylpentane	12.938	57	976431	5.06	ppbv	#	98
35) Carbon Tetrachloride	13.088	117	440245	4.90	ppbv		98
36) 1,2-Dichloroethane	13.160	62	254391m	5.64	ppbv		
37) Benzene	13.291	78	688320	4.96	ppbv	#	100
38) n-Heptane	13.304	43	327246	5.29	ppbv	#	92
40) Trichloroethylene	14.323	95	303825	4.98	ppbv		94
41) 1,2-Dichloropropane	14.552	63	238634	5.10	ppbv	#	97
42) Methyl Methacrylate	14.565	69	261749	5.28	ppbv	#	78
43) 1,4-Dioxane	14.873	88	158663	5.15	ppbv	#	100
44) Bromodichloromethane	14.915	83	479374	5.21	ppbv		98
45) Methyl Isobutyl Ketone	15.454	43	444581	5.38	ppbv		92
46) cis-1,3-Dichloropropene	15.811	75	367254	5.17	ppbv		96
47) Toluene	16.464	91	843858	5.10	ppbv		98
48) trans-1,3-Dichloropropene	16.625	75	324789	5.32	ppbv		96

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029027.D
Acq On : 14 Feb 2025 03:18 am
Operator : YR
Sample : SEQ-CALB
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

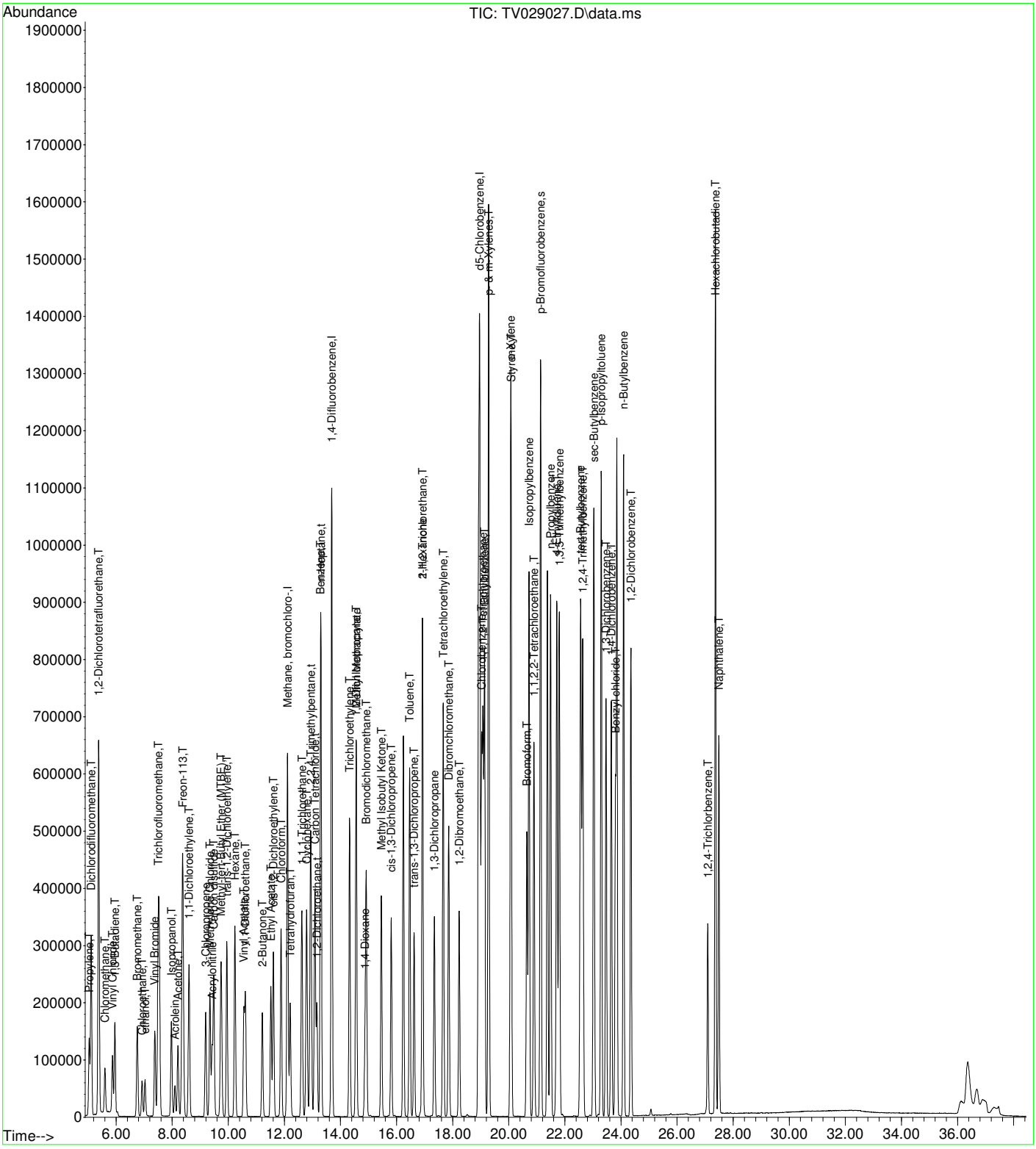
Quant Time: Mar 26 16:26:48 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	297800	5.13	ppbv		95
50) 2-Hexanone	16.925	43	422266	5.78	ppbv	#	93
51) 1,3-Dichloropropane	17.347	76	405311	5.20	ppbv	#	100
52) Tetrachloroethylene	17.661	166	369674	4.96	ppbv		95
53) Dibromchloromethane	17.857	129	508016	5.29	ppbv		99
54) 1,2-Dibromoethane	18.229	107	447870	5.25	ppbv		99
56) Chlorobenzene	19.030	112	678640	5.06	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	370640	5.01	ppbv		96
58) Ethylbenzene	19.135	91	1091973	5.18	ppbv		96
59) p- & m-Xylenes	19.282	91	1712264	10.69	ppbv		93
60) o-Xylene	20.066	91	862078	5.20	ppbv		98
61) Styrene	20.083	104	692421	5.45	ppbv	#	74
62) Bromoform	20.642	173	426024	5.28	ppbv		99
63) n-Propylbenzene	21.488	91	1497087	5.38	ppbv		99
64) Isopropylbenzene	20.720	105	1257469	5.27	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	666582	5.26	ppbv		98
67) 4-Ethyltoluene	21.711	105	1264203	5.49	ppbv		94
68) 1,3,5-Trimethylbenzene	21.799	105	998837	5.16	ppbv		98
69) tert-Butylbenzene	22.560	119	1181725	5.22	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	1055366	5.32	ppbv	#	83
71) sec-Butylbenzene	23.031	105	1610207	5.33	ppbv	#	99
72) p-Isopropyltoluene	23.296	119	1380014	5.40	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	636552	5.64	ppbv		96
74) 1,4-Dichlorobenzene	23.655	146	607801	5.87	ppbv		96
75) Benzyl chloride	23.803	126	190117	4.55	ppbv	#	1
76) n-Butylbenzene	24.093	91	1208774	5.71	ppbv	#	83
77) 1,2-Dichlorobenzene	24.355	146	648727	5.49	ppbv		97
78) 1,2,4-Trichlorbenzene	27.094	180	163801	2.00	ppbv		96
79) Hexachlorobutadiene	27.365	225	436485	5.37	ppbv	#	93
80) Naphthalene	27.490	128	936583	4.24	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029027.D
Acq On : 14 Feb 2025 03:18 am
Operator : YR
Sample : SEQ-CALB
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:48 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029028.D
Acq On : 14 Feb 2025 04:03 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:52 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.111	49	458161	10.00	ppbv		0.00
39) 1,4-Difluorobenzene	13.689	114	1613869	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.962	117	1492695	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	942665	0.35	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.50%#			
Target Compounds							Qvalue
2) Propylene	5.041	42	191376	10.05	ppbv		97
3) Dichlorodifluoromethane	5.112	85	1056935	10.13	ppbv		100
4) 1,2-Dichlorotetrafluor...	5.374	85	1272866	10.28	ppbv		89
5) Chloromethane	5.599	50	308584	10.06	ppbv	#	86
6) Vinyl Chloride	5.871	62	411099	9.75	ppbv		98
7) 1,3-Butadiene	5.956	54	301674	10.15	ppbv		96
8) Bromomethane	6.753	94	411796	9.99	ppbv		99
9) Chloroethane	6.927	64	211665	10.03	ppbv		96
10) ethanol	7.031	45	140202	7.27	ppbv		88
11) Vinyl Bromide	7.381	106	413207	10.09	ppbv		100
12) Trichlorofluoromethane	7.502	101	1017091	10.02	ppbv		99
13) Isopropanol	7.969	45	712867	8.74	ppbv		100
14) Acrolein	8.097	56	177462	10.15	ppbv	#	100
15) Acetone	8.201	43	515258	9.40	ppbv		89
16) Freon-113	8.371	101	887279	10.07	ppbv		99
17) 1,1-Dichloroethylene	8.597	61	606370	10.05	ppbv		89
18) 3-Chloropropene	9.192	41	422480	10.16	ppbv		92
19) Methylene Chloride	9.345	49	412878	9.92	ppbv		86
20) Acrylonitrile	9.421	53	327172	9.48	ppbv	#	100
21) Carbon disulfide	9.479	76	1254017	10.14	ppbv		93
22) Methyl-tert-Butyl Ethe...	9.741	73	1131294	10.11	ppbv		97
23) trans-1,2-Dichloroethy...	9.947	61	577655	10.13	ppbv		86
24) Hexane	10.234	57	630204	10.19	ppbv		91
25) Vinyl Acetate	10.555	43	913485	10.65	ppbv	#	99
26) 1,1-Dichloroethane	10.610	63	717941	10.01	ppbv	#	99
27) 2-Butanone	11.212	43	735437	10.18	ppbv		92
28) Ethyl Acetate	11.519	43	854853	10.31	ppbv		96
29) cis-1,2-Dichloroethylene	11.607	61	541203	9.90	ppbv		87
30) Chloroform	11.882	83	911330	10.08	ppbv		98
31) Tetrahydrofuran	12.202	42	410084	10.12	ppbv		90
32) 1,1,1-Trichlorethane	12.621	97	898469	10.08	ppbv		98
33) Cyclohexane	12.794	56	657213	10.22	ppbv		95
34) 2,2,4-Trimethylpentane	12.938	57	1963233	10.28	ppbv	#	98
35) Carbon Tetrachloride	13.088	117	904290	10.17	ppbv		99
36) 1,2-Dichloroethane	13.160	62	502381m	11.27	ppbv		
37) Benzene	13.294	78	1408079	10.26	ppbv	#	100
38) n-Heptane	13.304	43	648576	10.61	ppbv	#	91
40) Trichloroethylene	14.323	95	632056	10.38	ppbv		94
41) 1,2-Dichloropropane	14.556	63	493081	10.55	ppbv	#	98
42) Methyl Methacrylate	14.565	69	548495	11.09	ppbv	#	78
43) 1,4-Dioxane	14.873	88	327073	10.63	ppbv	#	100
44) Bromodichloromethane	14.918	83	983968	10.70	ppbv		98
45) Methyl Isobutyl Ketone	15.454	43	895101	10.84	ppbv		91
46) cis-1,3-Dichloropropene	15.811	75	764497	10.79	ppbv		96
47) Toluene	16.468	91	1737463	10.52	ppbv		98
48) trans-1,3-Dichloropropene	16.625	75	678999	11.15	ppbv		95

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029028.D
Acq On : 14 Feb 2025 04:03 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

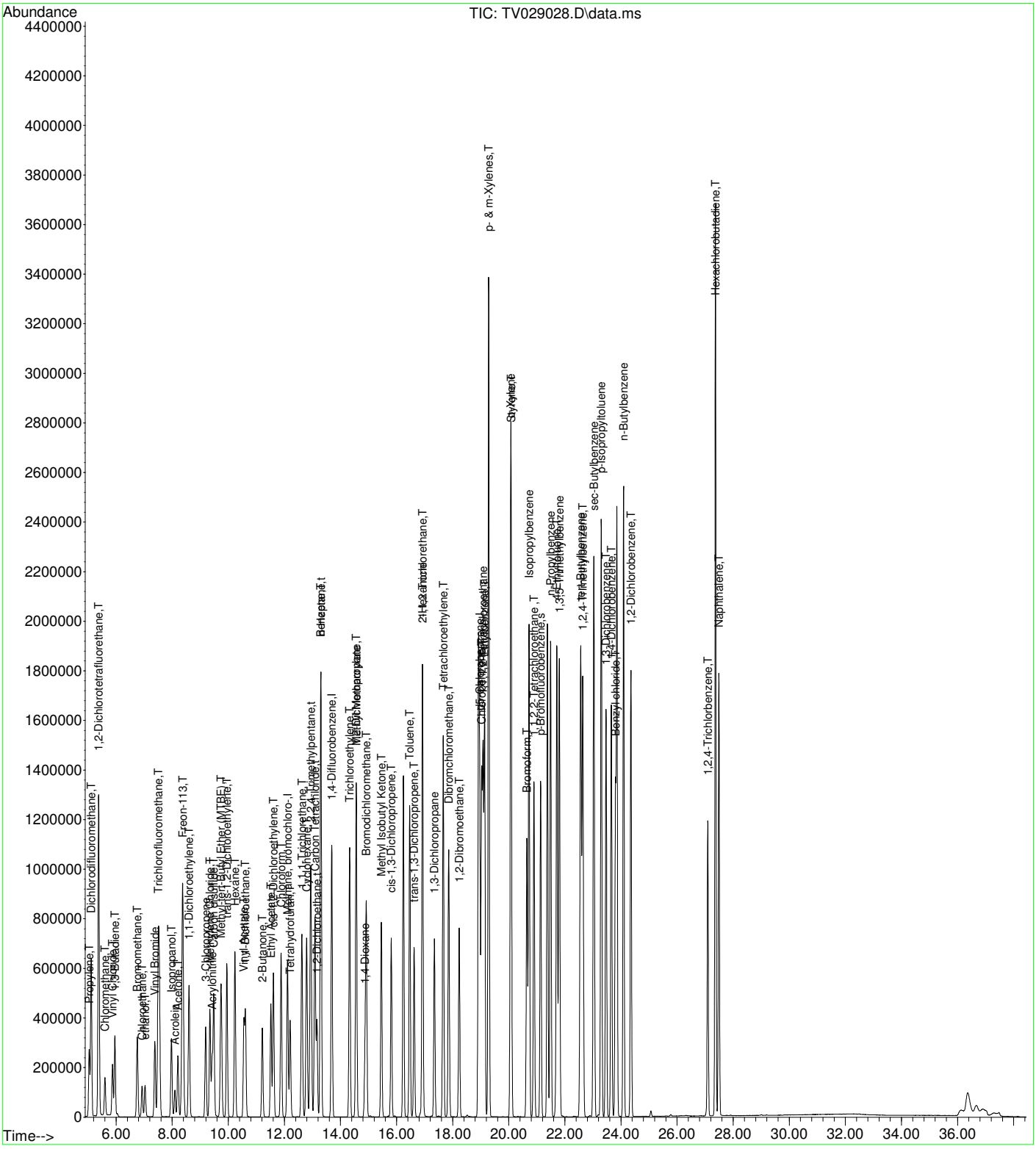
Quant Time: Mar 26 16:26:52 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.922	97	628460	10.84	ppbv		94
50) 2-Hexanone	16.925	43	851168	11.67	ppbv	#	92
51) 1,3-Dichloropropane	17.347	76	835128	10.72	ppbv	#	100
52) Tetrachloroethylene	17.661	166	795985	10.71	ppbv		95
53) Dibromchloromethane	17.857	129	1089038	11.37	ppbv		99
54) 1,2-Dibromoethane	18.229	107	956981	11.24	ppbv		99
56) Chlorobenzene	19.030	112	1434212	10.38	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	797615	10.47	ppbv		96
58) Ethylbenzene	19.135	91	2260416	10.41	ppbv		95
59) p- & m-Xylenes	19.282	91	3576233	21.69	ppbv		92
60) o-Xylene	20.066	91	1829205	10.72	ppbv		97
61) Styrene	20.083	104	1523123	11.64	ppbv	#	74
62) Bromoform	20.642	173	973125	11.71	ppbv		99
63) n-Propylbenzene	21.488	91	3108514	10.85	ppbv		99
64) Isopropylbenzene	20.720	105	2617911	10.65	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	1368154	10.48	ppbv		98
67) 4-Ethyltoluene	21.711	105	2650585	11.18	ppbv		94
68) 1,3,5-Trimethylbenzene	21.799	105	2093728	10.50	ppbv		98
69) tert-Butylbenzene	22.564	119	2508260	10.75	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	2221372	10.87	ppbv	#	82
71) sec-Butylbenzene	23.031	105	3372882	10.85	ppbv	#	99
72) p-Isopropyltoluene	23.296	119	2931379	11.13	ppbv	#	100
73) 1,3-Dichlorobenzene	23.469	146	1421567	12.24	ppbv		96
74) 1,4-Dichlorobenzene	23.655	146	1405557	13.17	ppbv		96
75) Benzyl chloride	23.802	126	453836	10.54	ppbv	#	1
76) n-Butylbenzene	24.093	91	2627257	12.04	ppbv	#	88
77) 1,2-Dichlorobenzene	24.355	146	1441509	11.85	ppbv		96
78) 1,2,4-Trichlorbenzene	27.094	180	595434	7.08	ppbv		95
79) Hexachlorobutadiene	27.369	225	1051650	12.57	ppbv		94
80) Naphthalene	27.490	128	2535246	11.14	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029028.D
Acq On : 14 Feb 2025 04:03 am
Operator : YR
Sample : SEQ-CALC
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:52 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029029.D
Acq On : 14 Feb 2025 04:49 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.111	49	459945	10.00	ppbv	#	0.00
39) 1,4-Difluorobenzene	13.689	114	1644334	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1542230	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	967079	0.34	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	289589	15.15	ppbv		98
3) Dichlorodifluoromethane	5.112	85	1642844	15.69	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	1921443	15.46	ppbv		88
5) Chloromethane	5.603	50	460968	14.96	ppbv		100
6) Vinyl Chloride	5.871	62	630887	14.90	ppbv		98
7) 1,3-Butadiene	5.956	54	464188	15.55	ppbv		96
8) Bromomethane	6.753	94	639172	15.44	ppbv		99
9) Chloroethane	6.923	64	323838	15.28	ppbv		96
10) ethanol	7.034	45	213153	11.01	ppbv		88
11) Vinyl Bromide	7.381	106	646629	15.73	ppbv		100
12) Trichlorofluoromethane	7.502	101	1578279	15.49	ppbv		99
13) Isopropanol	7.972	45	1069614	13.06	ppbv		100
14) Acrolein	8.097	56	273311	15.57	ppbv	#	100
15) Acetone	8.201	43	783915	14.25	ppbv		88
16) Freon-113	8.368	101	1385040	15.66	ppbv		100
17) 1,1-Dichloroethylene	8.597	61	922541	15.23	ppbv		88
18) 3-Chloropropene	9.192	41	641565	15.36	ppbv		92
19) Methylene Chloride	9.345	49	630297	15.09	ppbv		85
20) Acrylonitrile	9.420	53	500704	14.45	ppbv	#	100
21) Carbon disulfide	9.479	76	1931014	15.56	ppbv		93
22) Methyl-tert-Butyl Ethe...	9.741	73	1745449	15.53	ppbv		96
23) trans-1,2-Dichloroethy...	9.947	61	879904	15.36	ppbv		85
24) Hexane	10.234	57	967927	15.59	ppbv		90
25) Vinyl Acetate	10.555	43	1409935	16.38	ppbv	#	99
26) 1,1-Dichloroethane	10.610	63	1101153	15.29	ppbv	#	99
27) 2-Butanone	11.215	43	1125194	15.52	ppbv		91
28) Ethyl Acetate	11.519	43	1299845	15.62	ppbv		95
29) cis-1,2-Dichloroethylene	11.610	61	834952	15.21	ppbv		86
30) Chloroform	11.882	83	1410574	15.54	ppbv		98
31) Tetrahydrofuran	12.202	42	623730	15.33	ppbv		89
32) 1,1,1-Trichlorethane	12.624	97	1397988	15.62	ppbv		97
33) Cyclohexane	12.794	56	1008661	15.62	ppbv		94
34) 2,2,4-Trimethylpentane	12.941	57	2997131	15.64	ppbv	#	98
35) Carbon Tetrachloride	13.088	117	1424786	15.97	ppbv		99
36) 1,2-Dichloroethane	13.160	62	768581m	17.17	ppbv		
37) Benzene	13.294	78	2182992	15.84	ppbv	#	100
38) n-Heptane	13.304	43	968801	15.78	ppbv	#	90
40) Trichloroethylene	14.327	95	1000893	16.14	ppbv		92
41) 1,2-Dichloropropane	14.555	63	766900	16.10	ppbv	#	98
42) Methyl Methacrylate	14.565	69	862577	17.12	ppbv	#	78
43) 1,4-Dioxane	14.873	88	511133	16.30	ppbv	#	100
44) Bromodichloromethane	14.918	83	1536572	16.40	ppbv		98
45) Methyl Isobutyl Ketone	15.454	43	1367944	16.26	ppbv		90
46) cis-1,3-Dichloropropene	15.811	75	1195839	16.56	ppbv		95
47) Toluene	16.468	91	2706487	16.08	ppbv		99
48) trans-1,3-Dichloropropene	16.624	75	1065894	17.17	ppbv		95

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029029.D
Acq On : 14 Feb 2025 04:49 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

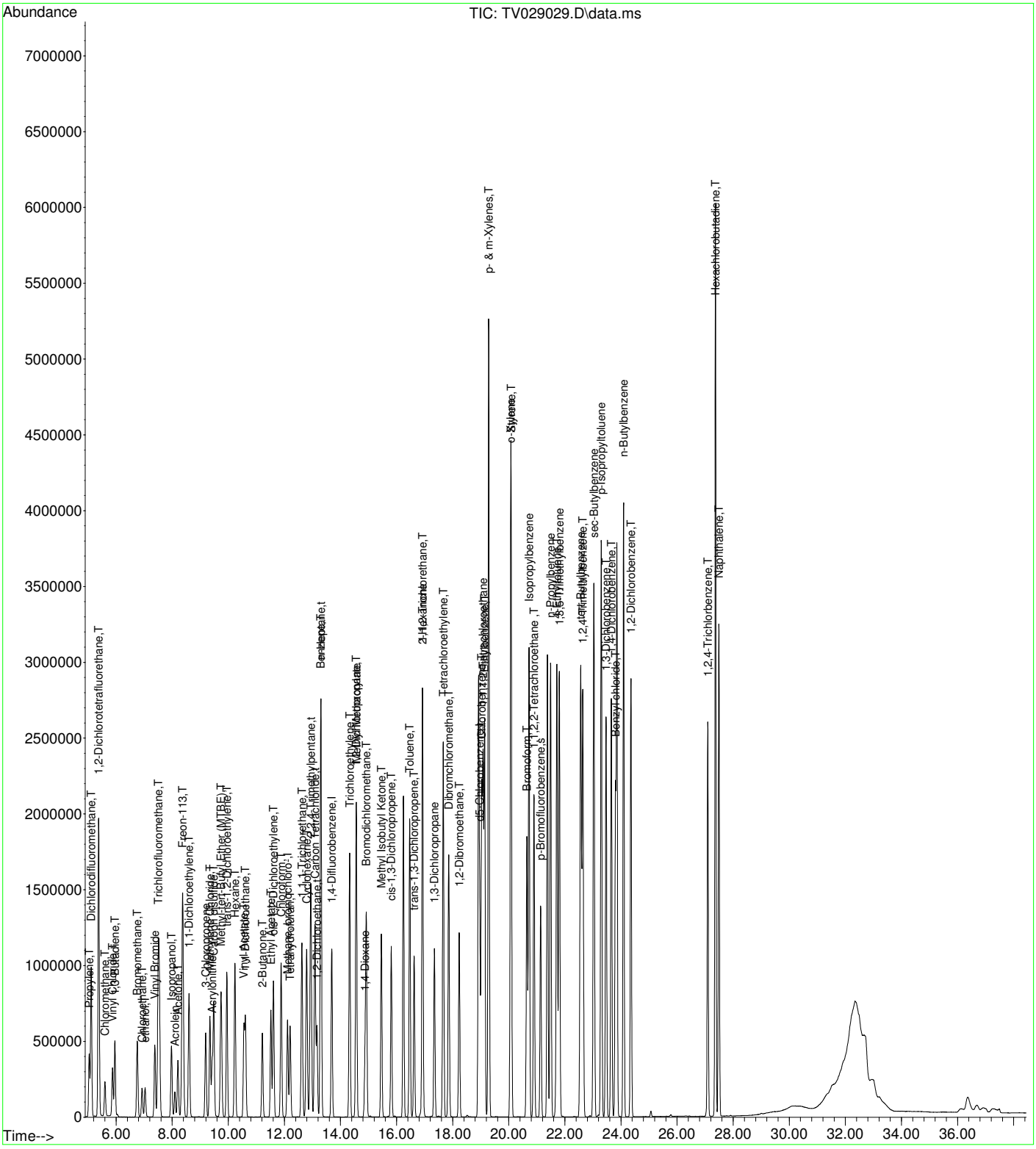
Quant Time: Mar 26 16:26:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.922	97	991343	16.78	ppbv		93
50) 2-Hexanone	16.925	43	1279269	17.22	ppbv	#	91
51) 1,3-Dichloropropane	17.347	76	1293657	16.30	ppbv	#	100
52) Tetrachloroethylene	17.661	166	1285056	16.97	ppbv		95
53) Dibromchloromethane	17.857	129	1739149	17.82	ppbv		99
54) 1,2-Dibromoethane	18.233	107	1513299	17.45	ppbv		99
56) Chlorobenzene	19.030	112	2281292	15.98	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	1289160	16.37	ppbv		96
58) Ethylbenzene	19.135	91	3523338	15.71	ppbv		94
59) p- & m-Xylenes	19.282	91	5587174	32.79	ppbv		91
60) o-Xylene	20.066	91	2892532	16.41	ppbv		97
61) Styrene	20.083	104	2443916	18.07	ppbv	#	74
62) Bromoform	20.645	173	1604814	18.69	ppbv		100
63) n-Propylbenzene	21.488	91	4825270	16.31	ppbv		99
64) Isopropylbenzene	20.720	105	4083747	16.08	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	2130315	15.80	ppbv		98
67) 4-Ethyltoluene	21.714	105	4150696	16.95	ppbv		93
68) 1,3,5-Trimethylbenzene	21.799	105	3307689	16.05	ppbv		97
69) tert-Butylbenzene	22.564	119	3970123	16.47	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	3497754	16.57	ppbv	#	81
71) sec-Butylbenzene	23.031	105	5293425	16.48	ppbv	#	99
72) p-Isopropyltoluene	23.296	119	4640624	17.06	ppbv	#	100
73) 1,3-Dichlorobenzene	23.469	146	2308463	19.24	ppbv		95
74) 1,4-Dichlorobenzene	23.655	146	2319635	21.04	ppbv		95
75) Benzyl chloride	23.806	126	753384	16.93	ppbv	#	1
76) n-Butylbenzene	24.093	91	4174235	18.52	ppbv	#	88
77) 1,2-Dichlorobenzene	24.355	146	2336712	18.59	ppbv		95
78) 1,2,4-Trichlorbenzene	27.094	180	1316588	15.15	ppbv		94
79) Hexachlorobutadiene	27.369	225	1801030	20.84	ppbv		95
80) Naphthalene	27.489	128	4610915	19.61	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029029.D
Acq On : 14 Feb 2025 04:49 am
Operator : YR
Sample : SEQ-CALD
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:26:56 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029030.D
Acq On : 14 Feb 2025 05:34 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:00 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.114	49	527977	10.00	ppbv	#	0.00
39) 1,4-Difluorobenzene	13.689	114	2052121	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1901085	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	1173008	0.34	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	434774	19.82	ppbv		98
3) Dichlorodifluoromethane	5.112	85	2647445	22.02	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	2869630	20.11	ppbv		85
5) Chloromethane	5.603	50	659973	18.66	ppbv		100
6) Vinyl Chloride	5.871	62	980714	20.18	ppbv		98
7) 1,3-Butadiene	5.956	54	711973	20.78	ppbv		96
8) Bromomethane	6.753	94	1053503	22.17	ppbv		100
9) Chloroethane	6.926	64	518281	21.30	ppbv		96
10) ethanol	7.034	45	331802	14.93	ppbv		88
11) Vinyl Bromide	7.381	106	1093523	23.18	ppbv		100
12) Trichlorofluoromethane	7.502	101	2690581	23.00	ppbv		99
13) Isopropanol	7.972	45	1664789	17.71	ppbv		100
14) Acrolein	8.097	56	435681	21.62	ppbv	#	100
15) Acetone	8.204	43	1212208	19.20	ppbv		86
16) Freon-113	8.371	101	2314176	22.80	ppbv		96
17) 1,1-Dichloroethylene	8.600	61	1478268	21.26	ppbv		86
18) 3-Chloropropene	9.192	41	998616	20.83	ppbv		90
19) Methylene Chloride	9.345	49	972106	20.28	ppbv		79
20) Acrylonitrile	9.424	53	784486	19.72	ppbv	#	100
21) Carbon disulfide	9.479	76	3097623	21.75	ppbv		91
22) Methyl-tert-Butyl Ethe...	9.741	73	2888328	22.39	ppbv		96
23) trans-1,2-Dichloroethy...	9.950	61	1411848	21.48	ppbv		82
24) Hexane	10.238	57	1535747	21.55	ppbv		88
25) Vinyl Acetate	10.555	43	2205135	22.32	ppbv	#	99
26) 1,1-Dichloroethane	10.610	63	1775260	21.48	ppbv	#	99
27) 2-Butanone	11.215	43	1736373	20.86	ppbv		88
28) Ethyl Acetate	11.519	43	1994133	20.87	ppbv		94
29) cis-1,2-Dichloroethylene	11.610	61	1332605	21.15	ppbv		83
30) Chloroform	11.885	83	2330222	22.36	ppbv		97
31) Tetrahydrofuran	12.202	42	943473	20.20	ppbv	#	85
32) 1,1,1-Trichlorethane	12.624	97	2374755	23.12	ppbv		96
33) Cyclohexane	12.794	56	1587672	21.42	ppbv		91
34) 2,2,4-Trimethylpentane	12.941	57	4687901	21.31	ppbv	#	98
35) Carbon Tetrachloride	13.091	117	2465363	24.07	ppbv		99
36) 1,2-Dichloroethane	13.163	62	1251846m	24.37	ppbv		
37) Benzene	13.294	78	3525812	22.29	ppbv	#	100
38) n-Heptane	13.307	43	1406451	19.96	ppbv	#	87
40) Trichloroethylene	14.327	95	1680190	21.71	ppbv		90
41) 1,2-Dichloropropane	14.555	63	1213644	20.42	ppbv	#	98
42) Methyl Methacrylate	14.565	69	1394882	22.18	ppbv	#	77
43) 1,4-Dioxane	14.876	88	844646	21.58	ppbv	#	100
44) Bromodichloromethane	14.918	83	2515969	21.52	ppbv		97
45) Methyl Isobutyl Ketone	15.454	43	2071828	19.74	ppbv		86
46) cis-1,3-Dichloropropene	15.811	75	1969758	21.86	ppbv		95
47) Toluene	16.468	91	4410979	21.00	ppbv		99
48) trans-1,3-Dichloropropene	16.624	75	1755191	22.66	ppbv		94

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029030.D
Acq On : 14 Feb 2025 05:34 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

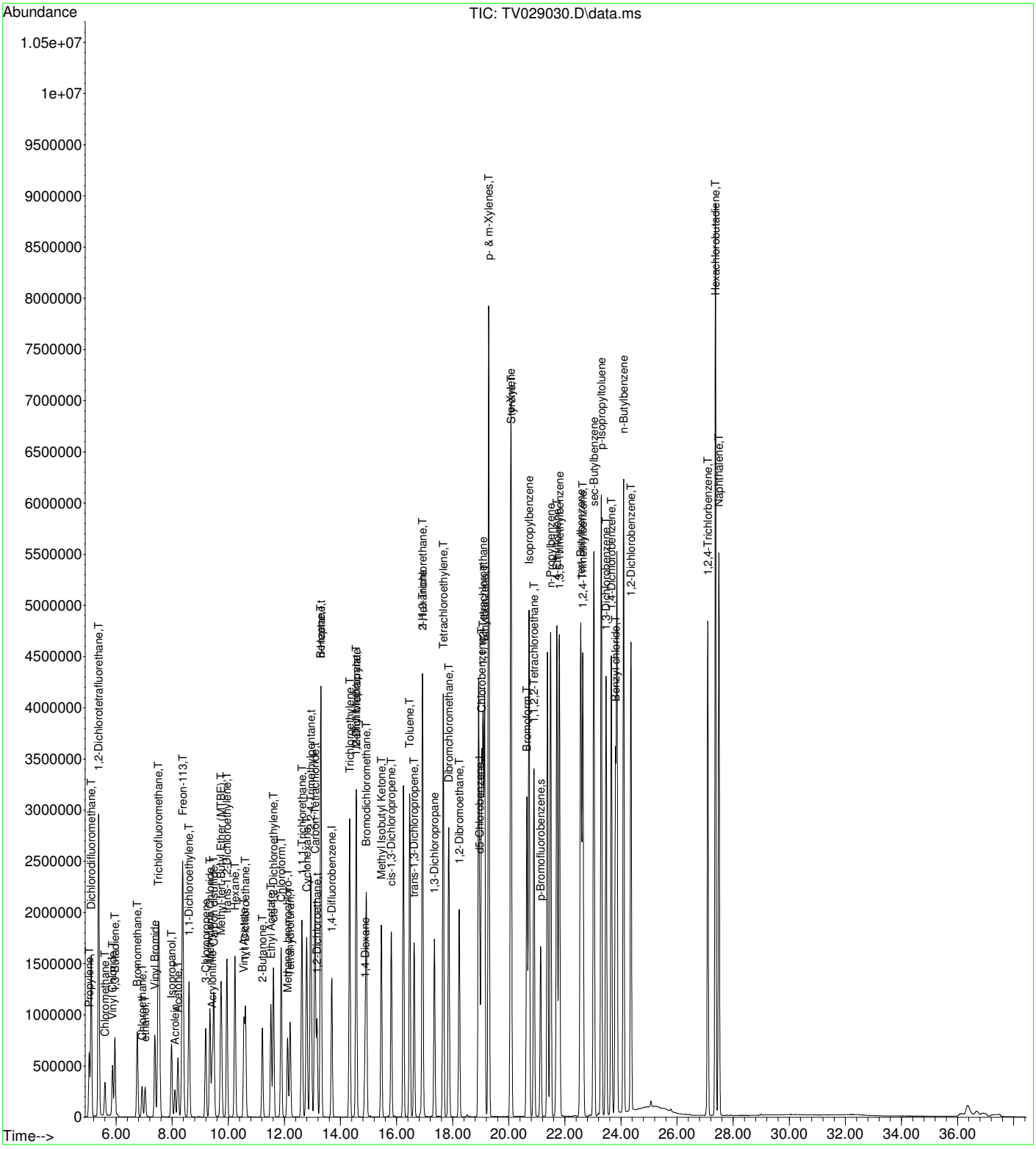
Quant Time: Mar 26 16:27:00 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.922	97	1623911	22.02	ppbv		91
50) 2-Hexanone	16.925	43	1830780	19.74	ppbv	#	88
51) 1,3-Dichloropropane	17.347	76	2095360	21.16	ppbv	#	100
52) Tetrachloroethylene	17.664	166	2229557	23.59	ppbv		96
53) Dibromchloromethane	17.860	129	2923523	24.00	ppbv		98
54) 1,2-Dibromoethane	18.233	107	2536135	23.43	ppbv		99
56) Chlorobenzene	19.030	112	3823088	21.73	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	2206567	22.74	ppbv		97
58) Ethylbenzene	19.135	91	5680111	20.55	ppbv		93
59) p- & m-Xylenes	19.282	91	8735932	41.60	ppbv		90
60) o-Xylene	20.066	91	4673692	21.51	ppbv		97
61) Styrene	20.086	104	3996961	23.98	ppbv	#	100
62) Bromoform	20.645	173	2832511	26.76	ppbv		99
63) n-Propylbenzene	21.491	91	7697083	21.10	ppbv		98
64) Isopropylbenzene	20.720	105	6603598	21.09	ppbv		98
65) 1,1,2,2-Tetrachloroeth...	20.897	83	3414994	20.54	ppbv		98
67) 4-Ethyltoluene	21.714	105	6745175	22.34	ppbv		93
68) 1,3,5-Trimethylbenzene	21.799	105	5404332	21.28	ppbv		96
69) tert-Butylbenzene	22.564	119	6554488	22.06	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.639	105	5708924	21.94	ppbv	#	80
71) sec-Butylbenzene	23.031	105	8445115	21.33	ppbv	#	99
72) p-Isopropyltoluene	23.299	119	7469773	22.27	ppbv	#	99
73) 1,3-Dichlorobenzene	23.469	146	3899587	26.37	ppbv		95
74) 1,4-Dichlorobenzene	23.655	146	3903575	28.73	ppbv		95
75) Benzyl chloride	23.806	126	1293376	23.59	ppbv	#	1
76) n-Butylbenzene	24.093	91	6508965	23.43	ppbv	#	87
77) 1,2-Dichlorobenzene	24.355	146	3839674	24.78	ppbv		95
78) 1,2,4-Trichlorbenzene	27.094	180	2536832	23.67	ppbv		93
79) Hexachlorobutadiene	27.368	225	2833478	26.60	ppbv		95
80) Naphthalene	27.489	128	7823158	27.00	ppbv		98

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029030.D
Acq On : 14 Feb 2025 05:34 am
Operator : YR
Sample : SEQ-CALE
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:00 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029031.D
Acq On : 14 Feb 2025 06:20 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:04 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.114	49	524405	10.00	ppbv	#	0.00
39) 1,4-Difluorobenzene	13.689	114	2048986	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.958	117	1916362	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.135	95	1176483	0.34	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	670146	30.75	ppbv		97
3) Dichlorodifluoromethane	5.112	85	4057539	33.98	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.374	85	4228725	29.84	ppbv		84
5) Chloromethane	5.603	50	979133	27.87	ppbv		100
6) Vinyl Chloride	5.874	62	1481571	30.69	ppbv		98
7) 1,3-Butadiene	5.956	54	1087276	31.95	ppbv		96
8) Bromomethane	6.753	94	1627802	34.49	ppbv		100
9) Chloroethane	6.926	64	790379	32.71	ppbv		95
10) ethanol	7.038	45	495862	22.47	ppbv		88
11) Vinyl Bromide	7.381	106	1686508	35.99	ppbv		100
12) Trichlorofluoromethane	7.502	101	4079134	35.10	ppbv		99
13) Isopropanol	7.976	45	2454893	26.30	ppbv		100
14) Acrolein	8.097	56	659822	32.96	ppbv	#	100
15) Acetone	8.204	43	1793575	28.60	ppbv		84
16) Freon-113	8.371	101	3551063	35.22	ppbv		95
17) 1,1-Dichloroethylene	8.600	61	2201135	31.88	ppbv		84
18) 3-Chloropropene	9.192	41	1484363	31.18	ppbv		90
19) Methylene Chloride	9.345	49	1453974	30.53	ppbv		78
20) Acrylonitrile	9.424	53	1188110	30.07	ppbv	#	100
21) Carbon disulfide	9.479	76	4695800	33.19	ppbv		90
22) Methyl-tert-Butyl Ethe...	9.741	73	4342656	33.89	ppbv		96
23) trans-1,2-Dichloroethy...	9.950	61	2123670	32.52	ppbv		80
24) Hexane	10.238	57	2304608	32.57	ppbv		88
25) Vinyl Acetate	10.558	43	3290072	33.52	ppbv	#	99
26) 1,1-Dichloroethane	10.610	63	2662332	32.43	ppbv	#	98
27) 2-Butanone	11.215	43	2580212	31.21	ppbv		86
28) Ethyl Acetate	11.519	43	2952471	31.11	ppbv		93
29) cis-1,2-Dichloroethylene	11.610	61	2011850	32.14	ppbv		81
30) Chloroform	11.885	83	3517504	33.98	ppbv		97
31) Tetrahydrofuran	12.205	42	1410677	30.41	ppbv	#	84
32) 1,1,1-Trichlorethane	12.624	97	3593294	35.22	ppbv		95
33) Cyclohexane	12.794	56	2393857	32.51	ppbv		90
34) 2,2,4-Trimethylpentane	12.941	57	6992924	32.00	ppbv	#	98
35) Carbon Tetrachloride	13.091	117	3789421	37.25	ppbv		99
36) 1,2-Dichloroethane	13.163	62	1853575m	36.32	ppbv		
37) Benzene	13.294	78	5279910	33.60	ppbv	#	100
38) n-Heptane	13.310	43	1953965	27.92	ppbv	#	84
40) Trichloroethylene	14.327	95	2574005	33.31	ppbv		88
41) 1,2-Dichloropropane	14.555	63	1821788	30.69	ppbv	#	98
42) Methyl Methacrylate	14.569	69	2093639	33.34	ppbv	#	68
43) 1,4-Dioxane	14.876	88	1281104	32.79	ppbv	#	100
44) Bromodichloromethane	14.922	83	3792042	32.48	ppbv		96
45) Methyl Isobutyl Ketone	15.458	43	3027898	28.89	ppbv		84
46) cis-1,3-Dichloropropene	15.811	75	2995243	33.28	ppbv		94
47) Toluene	16.468	91	6672497	31.81	ppbv		99
48) trans-1,3-Dichloropropene	16.628	75	2674500	34.58	ppbv		93

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029031.D
Acq On : 14 Feb 2025 06:20 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

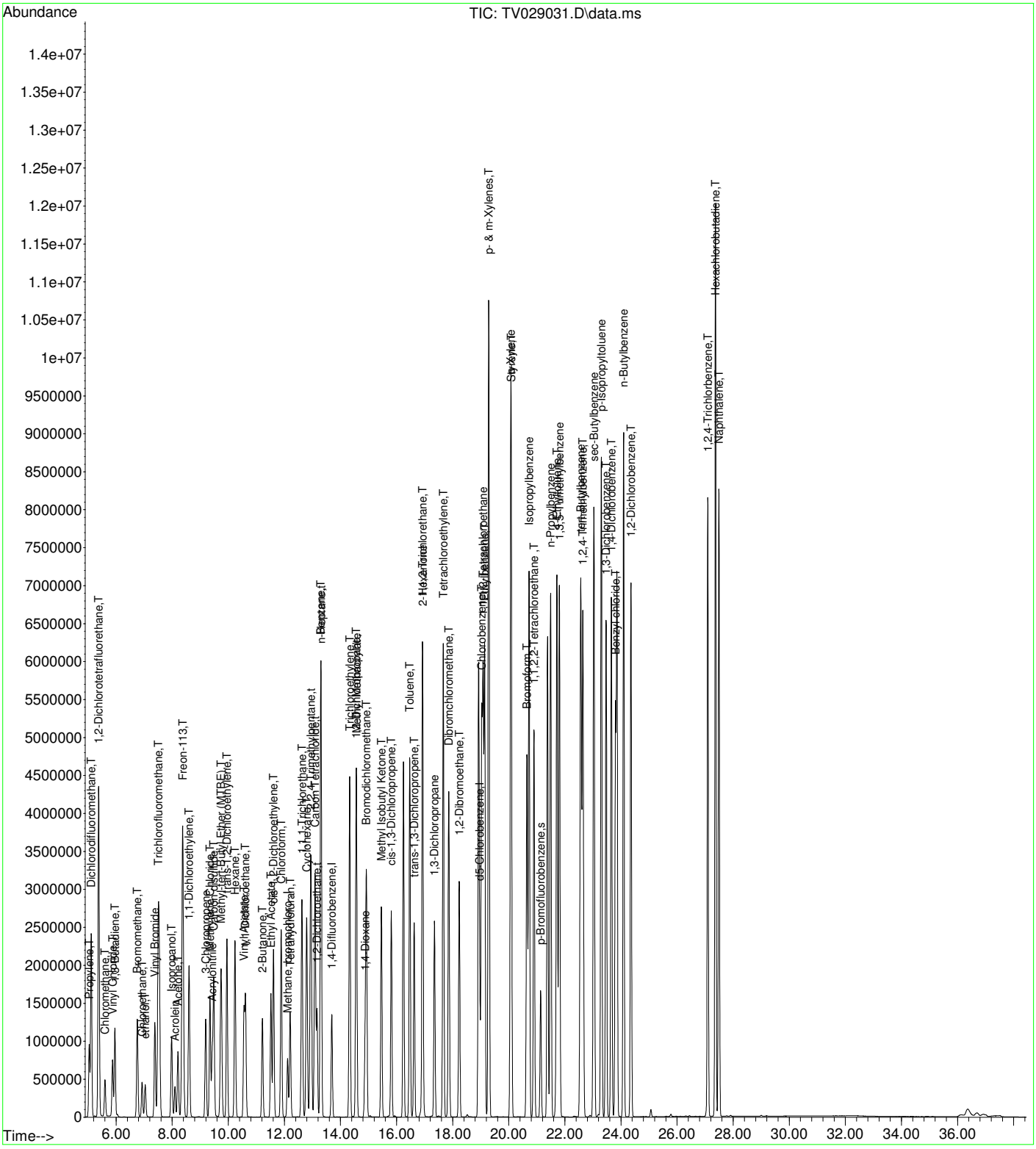
Quant Time: Mar 26 16:27:04 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.922	97	2468500	33.53	ppbv		90
50) 2-Hexanone	16.928	43	2518388	27.20	ppbv	#	85
51) 1,3-Dichloropropane	17.350	76	3198121	32.34	ppbv	#	100
52) Tetrachloroethylene	17.664	166	3435913	36.40	ppbv		95
53) Dibromchloromethane	17.860	129	4490282	36.91	ppbv		97
54) 1,2-Dibromoethane	18.233	107	3901290	36.10	ppbv		99
56) Chlorobenzene	19.030	112	5901168	33.27	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.079	131	3407659	34.83	ppbv		97
58) Ethylbenzene	19.138	91	8501666	30.51	ppbv		91
59) p- & m-Xylenes	19.282	91	12475846	58.93	ppbv		89
60) o-Xylene	20.066	91	6881096	31.42	ppbv		97
61) Styrene	20.086	104	5893426	35.07	ppbv	#	100
62) Bromoform	20.645	173	4401031	41.25	ppbv		98
63) n-Propylbenzene	21.491	91	11388738	30.97	ppbv		98
64) Isopropylbenzene	20.720	105	9803634	31.07	ppbv		98
65) 1,1,2,2-Tetrachloroeth...	20.897	83	5159115	30.79	ppbv		98
67) 4-Ethyltoluene	21.714	105	10029099	32.96	ppbv		90
68) 1,3,5-Trimethylbenzene	21.802	105	8154718	31.85	ppbv		98
69) tert-Butylbenzene	22.567	119	9934015	33.17	ppbv	#	93
70) 1,2,4-Trimethylbenzene	22.639	105	8556894	32.63	ppbv	#	78
71) sec-Butylbenzene	23.034	105	12373533	31.00	ppbv	#	98
72) p-Isopropyltoluene	23.299	119	11089392	32.80	ppbv	#	99
73) 1,3-Dichlorobenzene	23.469	146	6071756	40.73	ppbv		94
74) 1,4-Dichlorobenzene	23.659	146	6132637	44.77	ppbv		94
75) Benzyl chloride	23.806	126	2066045	37.37	ppbv	#	1
76) n-Butylbenzene	24.093	91	9560413	34.14	ppbv	#	87
77) 1,2-Dichlorobenzene	24.355	146	5980458	38.29	ppbv		95
78) 1,2,4-Trichlorbenzene	27.094	180	4541330	42.04	ppbv		92
79) Hexachlorobutadiene	27.369	225	4191506	39.04	ppbv		97
80) Naphthalene	27.489	128	12060000	41.29	ppbv		97

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029031.D
Acq On : 14 Feb 2025 06:20 am
Operator : YR
Sample : SEQ-CALF
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:04 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029032.D
Acq On : 14 Feb 2025 07:05 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:08 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.114	49	519893	10.00	ppbv	#	0.00
39) 1,4-Difluorobenzene	13.693	114	2055269	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.962	117	1956439	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.139	95	1179927	0.33	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#			
Target Compounds							Qvalue
2) Propylene	5.041	42	1098823m	50.86	ppbv		
3) Dichlorodifluoromethane	5.112	85	6360868	53.73	ppbv		97
4) 1,2-Dichlorotetrafluor...	5.374	85	6464632	46.01	ppbv		83
5) Chloromethane	5.603	50	1543618	44.33	ppbv		100
6) Vinyl Chloride	5.874	62	2418933	50.54	ppbv		99
7) 1,3-Butadiene	5.956	54	1799736	53.34	ppbv		95
8) Bromomethane	6.753	94	2724902	58.24	ppbv		99
9) Chloroethane	6.927	64	1304137	54.44	ppbv		95
10) ethanol	7.041	45	786529	35.95	ppbv		89
11) Vinyl Bromide	7.381	106	2839366	61.11	ppbv		100
12) Trichlorofluoromethane	7.502	101	6648872	57.71	ppbv		99
13) Isopropanol	7.982	45	3807137	41.14	ppbv		100
14) Acrolein	8.097	56	1095642	55.21	ppbv	#	100
15) Acetone	8.205	43	2845631	45.76	ppbv		82
16) Freon-113	8.371	101	5890896	58.94	ppbv		94
17) 1,1-Dichloroethylene	8.600	61	3535055	51.64	ppbv	#	81
18) 3-Chloropropene	9.195	41	2364244	50.09	ppbv	#	87
19) Methylene Chloride	9.345	49	2336718	49.50	ppbv	#	75
20) Acrylonitrile	9.427	53	1953813	49.87	ppbv	#	100
21) Carbon disulfide	9.479	76	7665943	54.65	ppbv		89
22) Methyl-tert-Butyl Ethe...	9.741	73	7050369	55.50	ppbv		95
23) trans-1,2-Dichloroethy...	9.950	61	3429959	52.99	ppbv	#	77
24) Hexane	10.238	57	3731383	53.19	ppbv		86
25) Vinyl Acetate	10.558	43	5228485	53.74	ppbv	#	98
26) 1,1-Dichloroethane	10.614	63	4330713	53.22	ppbv	#	98
27) 2-Butanone	11.218	43	4122513	50.30	ppbv	#	83
28) Ethyl Acetate	11.522	43	4651901	49.44	ppbv	#	91
29) cis-1,2-Dichloroethylene	11.614	61	3263701	52.60	ppbv		78
30) Chloroform	11.888	83	5731003	55.85	ppbv		96
31) Tetrahydrofuran	12.205	42	2254742	49.03	ppbv	#	81
32) 1,1,1-Trichlorethane	12.627	97	5877743	58.10	ppbv		94
33) Cyclohexane	12.794	56	3881372	53.18	ppbv		88
34) 2,2,4-Trimethylpentane	12.944	57	10948788	50.53	ppbv	#	99
35) Carbon Tetrachloride	13.091	117	6306787	62.54	ppbv		99
36) 1,2-Dichloroethane	13.166	62	2924648m	57.81	ppbv		
37) Benzene	13.294	78	8203281	52.66	ppbv	#	100
38) n-Heptane	13.313	43	2679119	38.62	ppbv	#	80
40) Trichloroethylene	14.327	95	4265768	55.03	ppbv		86
41) 1,2-Dichloropropane	14.556	63	2823003	47.42	ppbv	#	99
42) Methyl Methacrylate	14.572	69	3296421	52.34	ppbv	#	73
43) 1,4-Dioxane	14.879	88	2097485	53.52	ppbv	#	100
44) Bromodichloromethane	14.922	83	6130165	52.35	ppbv		95
45) Methyl Isobutyl Ketone	15.461	43	4632146	44.06	ppbv	#	80
46) cis-1,3-Dichloropropene	15.814	75	4970020	55.06	ppbv	#	92
47) Toluene	16.471	91	10738684	51.04	ppbv		98
48) trans-1,3-Dichloropropene	16.628	75	4434302	57.16	ppbv	#	92

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029032.D
Acq On : 14 Feb 2025 07:05 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

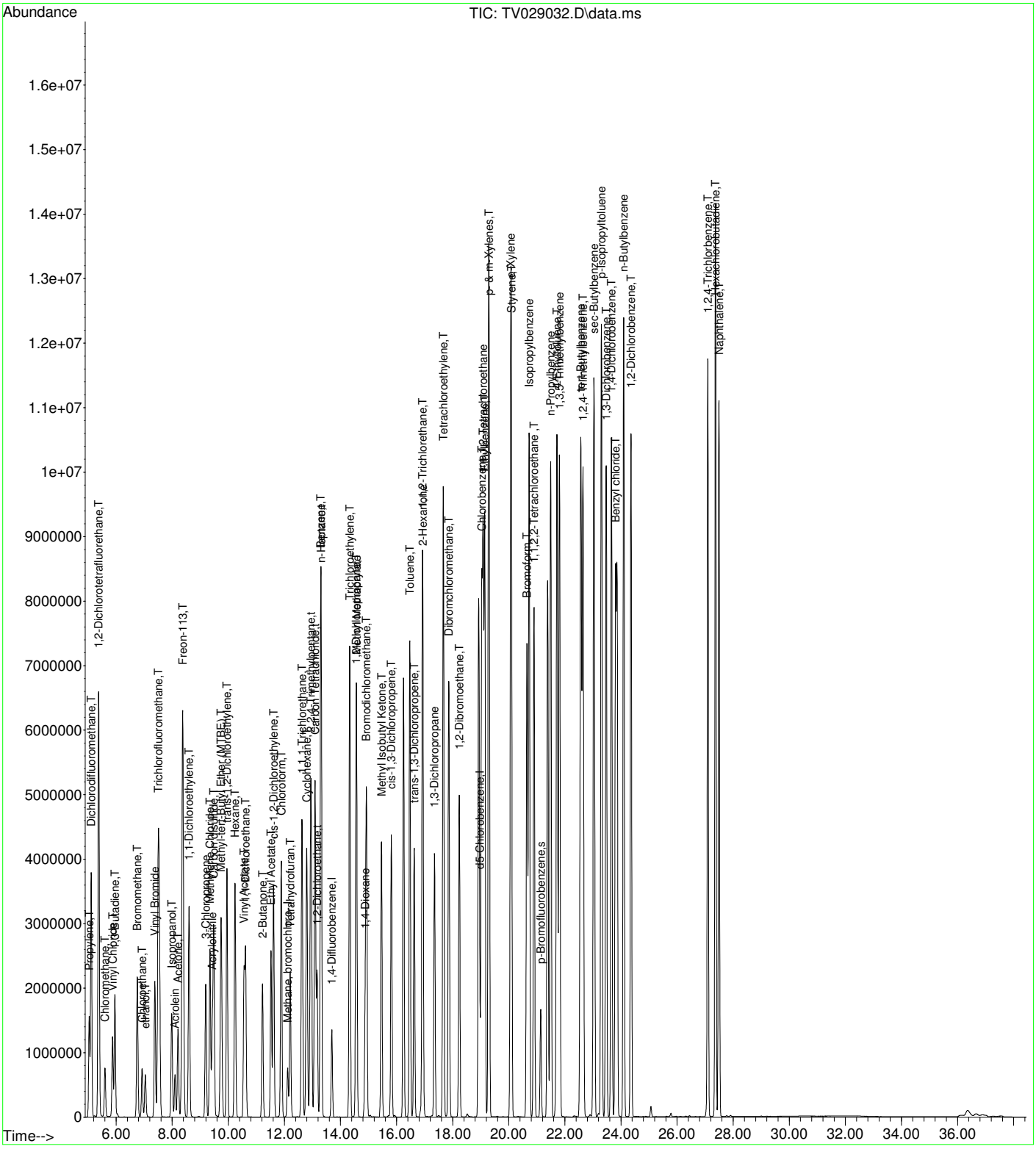
Quant Time: Mar 26 16:27:08 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.922	97	3881790	52.56	ppbv		89
50) 2-Hexanone	16.935	43	3399306	36.60	ppbv	#	82
51) 1,3-Dichloropropane	17.350	76	5299269	53.43	ppbv	#	100
52) Tetrachloroethylene	17.664	166	5596675	59.12	ppbv		94
53) Dibromchloromethane	17.860	129	7342117	60.17	ppbv		96
54) 1,2-Dibromoethane	18.233	107	6469730	59.69	ppbv		99
56) Chlorobenzene	19.034	112	9598656	53.01	ppbv	#	86
57) 1,1,1,2-Tetrachloroethane	19.083	131	5489616	54.96	ppbv		97
58) Ethylbenzene	19.141	91	13168596	46.29	ppbv		89
59) p- & m-Xylenes	19.285	91	17402423	80.52	ppbv		88
60) o-Xylene	20.066	91	10198644	45.61	ppbv		97
61) Styrene	20.093	104	8673765	50.56	ppbv	#	99
62) Bromoform	20.645	173	7176176	65.88	ppbv		97
63) n-Propylbenzene	21.492	91	17265655	45.99	ppbv		97
64) Isopropylbenzene	20.723	105	14991412	46.53	ppbv		98
65) 1,1,2,2-Tetrachloroeth...	20.897	83	8233742	48.13	ppbv		97
67) 4-Ethyltoluene	21.717	105	15397909	49.56	ppbv	#	89
68) 1,3,5-Trimethylbenzene	21.805	105	12925550	49.45	ppbv		96
69) tert-Butylbenzene	22.567	119	15814821	51.72	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.642	105	13402156	50.05	ppbv	#	76
71) sec-Butylbenzene	23.038	105	18645250	45.76	ppbv	#	98
72) p-Isopropyltoluene	23.302	119	16750600	48.53	ppbv	#	99
73) 1,3-Dichlorobenzene	23.472	146	9979619	65.57	ppbv		95
74) 1,4-Dichlorobenzene	23.659	146	10080157	72.08	ppbv		94
75) Benzyl chloride	23.806	126	3554436	62.98	ppbv	#	1
76) n-Butylbenzene	24.097	91	14062101	49.19	ppbv	#	86
77) 1,2-Dichlorobenzene	24.358	146	9715249	60.92	ppbv		95
78) 1,2,4-Trichlorbenzene	27.094	180	7076644	64.17	ppbv		91
79) Hexachlorobutadiene	27.369	225	5404929	49.31	ppbv		97
80) Naphthalene	27.493	128	16704907	56.02	ppbv		95

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029032.D
Acq On : 14 Feb 2025 07:05 am
Operator : YR
Sample : SEQ-CALG
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 26 16:27:08 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Laboratory ID: S5B1425-SCV1
Sequence: S5B1425
Standard ID: S25B219

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.4	4.0	30.00
1,1,1-Trichloroethane	10.0	10.8	8.5	30.00
1,1,2,2-Tetrachloroethane	10.0	9.67	-3.3	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	7.9	30.00
1,1,2-Trichloroethane	10.0	10.3	3.3	30.00
1,1-Dichloroethane	10.0	9.87	-1.3	30.00
1,1-Dichloroethylene	10.0	10.1	1.1	30.00
1,2,4-Trichlorobenzene	10.0	6.44	-35.6 *	30.00
1,2,4-Trimethylbenzene	10.0	10.2	2.0	30.00
1,2-Dibromoethane	10.0	10.5	5.0	30.00
1,2-Dichlorobenzene	10.0	11.0	10.0	30.00
1,2-Dichloroethane	10.0	11.5	15.2	30.00
1,2-Dichloropropane	10.0	9.83	-1.7	30.00
1,2-Dichlorotetrafluoroethane	10.0	10.1	0.7	30.00
1,3,5-Trimethylbenzene	10.0	9.86	-1.4	30.00
1,3-Butadiene	10.0	10.3	2.6	30.00
1,3-Dichlorobenzene	10.0	11.6	15.8	30.00
1,3-Dichloropropane	10.0	9.84	-1.6	30.00
1,4-Dichlorobenzene	10.0	12.2	22.3	30.00
1,4-Dioxane	10.0	10.0	0.0	30.00
2,2,4-Trimethylpentane	10.0	10.9	8.7	30.00
2-Butanone	10.0	9.75	-2.5	30.00
2-Hexanone	10.0	9.88	-1.2	30.00
3-Chloropropene	10.0	9.90	-1.0	30.00
4-Methyl-2-pentanone	10.0	9.47	-5.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Laboratory ID: S5B1425-SCV1
Sequence: S5B1425
Standard ID: S25B219

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Acetone	10.0	9.56	-4.4	30.00
Acrylonitrile	10.0	9.20	-8.0	30.00
Benzene	10.0	10.4	3.8	30.00
Benzyl chloride	10.0	9.13	-8.7	30.00
Bromodichloromethane	10.0	10.3	2.7	30.00
Bromoform	10.0	11.6	15.8	30.00
Bromomethane	10.0	10.7	7.3	30.00
Carbon disulfide	10.0	10.1	0.9	30.00
Carbon tetrachloride	10.0	10.9	9.2	30.00
Chlorobenzene	10.0	10.0	0.0	30.00
Chloroethane	10.0	10.4	4.4	30.00
Chloroform	10.0	10.5	5.0	30.00
Chloromethane	10.0	9.16	-8.4	30.00
cis-1,2-Dichloroethylene	10.0	10.0	0.3	30.00
cis-1,3-Dichloropropylene	10.0	10.3	3.0	30.00
Cyclohexane	10.0	10.2	2.4	30.00
Dibromochloromethane	10.0	10.8	7.8	30.00
Dichlorodifluoromethane	10.0	10.9	9.0	30.00
Ethyl acetate	10.0	12.0	19.8	30.00
Ethyl Benzene	10.0	9.95	-0.5	30.00
Hexachlorobutadiene	10.0	11.8	18.5	30.00
Isopropanol	10.0	7.73	-22.7	30.00
Methyl Methacrylate	10.0	10.0	0.4	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.6	6.4	30.00
Methylene chloride	10.0	9.77	-2.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Laboratory ID: S5B1425-SCV1
Sequence: S5B1425
Standard ID: S25B219

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Naphthalene	10.0	9.72	-2.8	30.00
n-Heptane	10.0	10.1	1.3	30.00
n-Hexane	10.0	10.2	2.1	30.00
o-Xylene	10.0	10.2	1.8	30.00
p- & m- Xylenes	20.0	20.4	2.0	30.00
p-Ethyltoluene	10.0	10.6	5.6	30.00
Propylene	10.0	9.82	-1.8	30.00
Styrene	10.0	10.9	8.8	30.00
Tetrachloroethylene	10.0	10.6	5.8	30.00
Tetrahydrofuran	10.0	9.60	-4.0	30.00
Toluene	10.0	9.76	-2.4	30.00
trans-1,2-Dichloroethylene	10.0	10.2	2.0	30.00
trans-1,3-Dichloropropylene	10.0	10.5	4.7	30.00
Trichloroethylene	10.0	10.1	0.9	30.00
Trichlorofluoromethane (Freon 11)	10.0	10.9	9.2	30.00
Vinyl acetate	10.0	5.63	-43.7 *	30.00
Vinyl bromide	10.0	11.3	13.0	30.00
Vinyl Chloride	10.0	9.93	-0.7	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029035.D
Acq On : 14 Feb 2025 09:21 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 28 13:21:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.110	49	550064	10.00	ppbv	#	0.00
39) 1,4-Difluorobenzene	13.686	114	2097159	10.00	ppbv		0.00
55) d5-Chlorobenzene	18.962	117	1881191	10.00	ppbv		0.00
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.132	95	1174738	0.34	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.40%#			
Target Compounds							Qvalue
2) Propylene	5.040	42	224518	9.82	ppbv		98
3) Dichlorodifluoromethane	5.112	85	1365717	10.90	ppbv		99
4) 1,2-Dichlorotetrafluor...	5.374	85	1496604	10.07	ppbv		86
5) Chloromethane	5.603	50	337470	9.16	ppbv		100
6) Vinyl Chloride	5.871	62	502843	9.93	ppbv		98
7) 1,3-Butadiene	5.956	54	366080	10.26	ppbv		96
8) Bromomethane	6.753	94	530972	10.73	ppbv		100
9) Chloroethane	6.923	64	264522	10.44	ppbv		96
10) ethanol	7.031	45	103030	4.45	ppbv		88
11) Vinyl Bromide	7.381	106	555705	11.30	ppbv		100
12) Trichlorofluoromethane	7.502	101	1331525	10.92	ppbv		99
13) Isopropanol	7.969	45	757086	7.73	ppbv		100
14) Acrolein	8.097	56	186279	8.87	ppbv	#	100
15) Acetone	8.201	43	628976	9.56	ppbv		86
16) Freon-113	8.371	101	1141570	10.79	ppbv		97
17) 1,1-Dichloroethylene	8.600	61	732504	10.11	ppbv		87
18) 3-Chloropropene	9.192	41	494293	9.90	ppbv		90
19) Methylene Chloride	9.342	49	488050	9.77	ppbv		81
20) Acrylonitrile	9.420	53	381459	9.20	ppbv	#	100
21) Carbon disulfide	9.479	76	1497183	10.09	ppbv		91
22) Methyl-tert-Butyl Ethe...	9.741	73	1430324	10.64	ppbv		96
23) trans-1,2-Dichloroethy...	9.947	61	698850	10.20	ppbv		84
24) Hexane	10.234	57	757795	10.21	ppbv		89
25) Vinyl Acetate	10.551	43	579720	5.63	ppbv	#	99
26) 1,1-Dichloroethane	10.607	63	849517	9.87	ppbv	#	99
27) 2-Butanone	11.212	43	845225	9.75	ppbv		89
28) Ethyl Acetate	11.519	43	1192912	11.98	ppbv		94
29) cis-1,2-Dichloroethylene	11.607	61	658517	10.03	ppbv		85
30) Chloroform	11.882	83	1139609	10.50	ppbv		97
31) Tetrahydrofuran	12.202	42	466952	9.60	ppbv		87
32) 1,1,1-Trichlorethane	12.624	97	1161001	10.85	ppbv		97
33) Cyclohexane	12.794	56	790979	10.24	ppbv		93
34) 2,2,4-Trimethylpentane	12.937	57	2491662	10.87	ppbv	#	98
35) Carbon Tetrachloride	13.088	117	1164747	10.92	ppbv		99
36) 1,2-Dichloroethane	13.160	62	616412m	11.52	ppbv		
37) Benzene	13.294	78	1710597	10.38	ppbv	#	100
38) n-Heptane	13.304	43	743854	10.13	ppbv	#	89
40) Trichloroethylene	14.323	95	797933	10.09	ppbv		91
41) 1,2-Dichloropropane	14.555	63	597186	9.83	ppbv	#	98
42) Methyl Methacrylate	14.565	69	645404	10.04	ppbv	#	77
43) 1,4-Dioxane	14.872	88	399984	10.00	ppbv	#	100
44) Bromodichloromethane	14.918	83	1227708	10.27	ppbv		97
45) Methyl Isobutyl Ketone	15.454	43	1015858	9.47	ppbv		89
46) cis-1,3-Dichloropropene	15.811	75	948310	10.30	ppbv		95
47) Toluene	16.468	91	2095960	9.76	ppbv		99
48) trans-1,3-Dichloropropene	16.624	75	828814	10.47	ppbv		95

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029035.D
Acq On : 14 Feb 2025 09:21 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

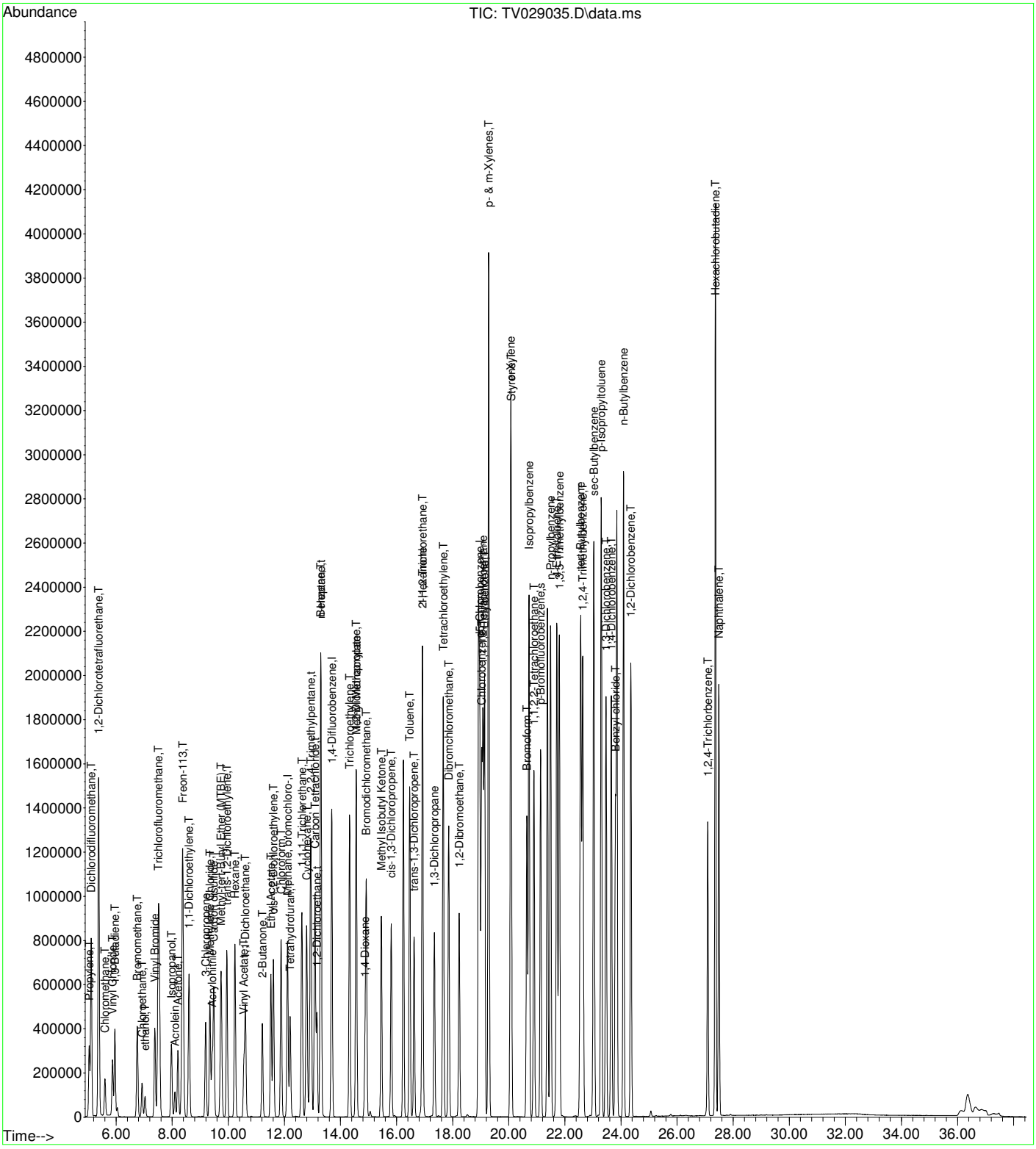
Quant Time: Mar 28 13:21:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.919	97	778421	10.33	ppbv		93
50) 2-Hexanone	16.925	43	936444	9.88	ppbv	#	91
51) 1,3-Dichloropropane	17.347	76	995508	9.84	ppbv	#	100
52) Tetrachloroethylene	17.661	166	1021930	10.58	ppbv		97
53) Dibromchloromethane	17.857	129	1342061	10.78	ppbv		99
54) 1,2-Dibromoethane	18.229	107	1161516	10.50	ppbv		100
56) Chlorobenzene	19.030	112	1741471	10.00	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.079	131	999196	10.40	ppbv		97
58) Ethylbenzene	19.135	91	2722307	9.95	ppbv		95
59) p- & m-Xylenes	19.282	91	4237709	20.39	ppbv		91
60) o-Xylene	20.066	91	2188521	10.18	ppbv		97
61) Styrene	20.083	104	1793850	10.88	ppbv	#	74
62) Bromoform	20.642	173	1212361	11.58	ppbv		99
63) n-Propylbenzene	21.488	91	3623034	10.04	ppbv		99
64) Isopropylbenzene	20.720	105	3145047	10.15	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.897	83	1590263	9.67	ppbv		99
67) 4-Ethyltoluene	21.710	105	3156088	10.56	ppbv		93
68) 1,3,5-Trimethylbenzene	21.799	105	2477961	9.86	ppbv		97
69) tert-Butylbenzene	22.560	119	3040830	10.34	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.636	105	2626542	10.20	ppbv	#	81
71) sec-Butylbenzene	23.031	105	3963513	10.12	ppbv	#	99
72) p-Isopropyltoluene	23.296	119	3493366	10.53	ppbv	#	100
73) 1,3-Dichlorobenzene	23.466	146	1695322	11.58	ppbv		95
74) 1,4-Dichlorobenzene	23.655	146	1644273	12.23	ppbv		95
75) Benzyl chloride	23.802	126	495676	9.13	ppbv	#	1
76) n-Butylbenzene	24.090	91	3041269	11.06	ppbv	#	88
77) 1,2-Dichlorobenzene	24.352	146	1687204	11.00	ppbv		95
78) 1,2,4-Trichlorbenzene	27.094	180	682574	6.44	ppbv		95
79) Hexachlorobutadiene	27.368	225	1248576	11.85	ppbv		95
80) Naphthalene	27.489	128	2788559	9.72	ppbv		100

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

Data Path : C:\MassHunter\GCMS\1\data\021325-ICAL\
Data File : TV029035.D
Acq On : 14 Feb 2025 09:21 am
Operator : YR
Sample : SEQ-SCV1
Misc : QBTO3070324A
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 28 13:21:30 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030439.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2211	Injection Date:	04/21/25
Lab Sample ID:	S5D2211-CCV1	Injection Time:	10:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	10.9	0.5108796	0.5580452		9.2	30	
1,1,1-Trichloroethane	A	10.0	12.3	1.945123	2.386476		22.7	30	
1,1,2,2-Tetrachloroethane	A	10.0	10.0	0.8752536	0.8745357		-0.08	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.5	1.921933	2.400536		24.9	30	
1,1,2-Trichloroethane	A	10.0	10.7	0.35923	0.3854404		7.3	30	
1,1-Dichloroethane	A	10.0	11.4	1.56486	1.791624		14.5	30	
1,1-Dichloroethylene	A	10.0	11.5	1.316351	1.518497		15.4	30	
1,2,4-Trichlorobenzene	A	10.0	6.47	0.3641083	0.3645345		0.1	30	
1,2,4-Trimethylbenzene	A	10.0	10.9	1.369696	1.48567		8.5	30	
1,2-Dibromoethane	A	10.0	11.2	0.5272258	0.5923955		12.4	30	
1,2-Dichlorobenzene	A	10.0	11.3	0.815497	0.9193047		12.7	30	
1,2-Dichloroethane	A	10.0	12.7	1.104052	1.232134		11.6	30	
1,2-Dichloropropane	A	10.0	10.2	0.2895865	0.2946462		1.7	30	
1,2-Dichlorotetrafluoroethane	A	10.0	9.12	2.701731	2.465108		-8.8	30	
1,3,5-Trimethylbenzene	A	10.0	11.1	1.327987	1.484721		11.8	30	
1,3-Butadiene	A	10.0	11.4	0.6485865	0.7415121		14.3	30	
1,3-Dichlorobenzene	A	10.0	12.2	0.7781809	0.9466031		21.6	30	
1,3-Dichloropropane	A	10.0	11.3	0.4824693	0.5474297		13.5	30	
1,4-Dichlorobenzene	A	10.0	12.7	0.7757349	0.9074736		17.0	30	
1,4-Dioxane	A	10.0	11.2	0.1923753	0.2145445		11.5	30	
2,2,4-Trimethylpentane	A	10.0	12.2	4.166462	5.1073		22.6	30	
2-Butanone	A	10.0	10.8	1.574915	1.705063		8.3	30	
2-Hexanone	A	10.0	10.1	0.4517673	0.4575506		1.3	30	
3-Chloropropene	A	10.0	12.0	0.9072515	1.085494		19.6	30	
4-Methyl-2-pentanone	A	10.0	9.65	0.5113968	0.493723		-3.5	30	
Acetone	A	10.0	11.4	1.193605	1.364931		14.4	30	
Acrylonitrile	A	10.0	10.5	0.7533379	0.7879884		4.6	30	
Benzene	A	10.0	11.8	2.995693	3.543679		18.3	30	
Benzyl chloride	A	10.0	9.11	0.2546995	0.2626487		3.1	30	
Bromodichloromethane	A	10.0	10.5	0.5695835	0.5958517		4.6	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030439.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2211	Injection Date:	04/21/25
Lab Sample ID:	S5D2211-CCV1	Injection Time:	10:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	14.0	0.5384709	0.7805773		45.0	30 *	
Bromomethane	A	10.0	12.7	0.8997606	1.142292		27.0	30	
Carbon disulfide	A	10.0	12.4	2.697296	3.336638		23.7	30	
Carbon tetrachloride	A	10.0	12.8	1.939362	2.491455		28.5	30	
Chlorobenzene	A	10.0	11.1	0.9262688	1.028121		11.0	30	
Chloroethane	A	10.0	12.7	0.460661	0.5853194		27.1	30	
Chloroform	A	10.0	11.9	1.973287	2.343467		18.8	30	
Chloromethane	A	10.0	7.90	0.6694955	0.5292633		-20.9	30	
cis-1,2-Dichloroethylene	A	10.0	11.8	1.19569	1.403576		17.4	30	
cis-1,3-Dichloropropylene	A	10.0	11.5	0.4390412	0.5046922		15.0	30	
Cyclohexane	A	10.0	11.8	1.403985	1.653189		17.7	30	
Dibromochloromethane	A	10.0	12.2	0.5934745	0.7213041		21.5	30	
Dichlorodifluoromethane	A	10.0	12.4	2.276253	2.814766		23.7	30	
Ethyl acetate	A	10.0	10.6	1.809414	1.921877		6.2	30	
Ethyl Benzene	A	10.0	11.0	1.45521	1.594018		9.5	30	
Hexachlorobutadiene	A	10.0	15.4	0.5605023	0.8633278		54.0	30 *	
Isopropanol	A	10.0	9.12	2.492656	1.623422		-34.9	30 *	
Methyl Methacrylate	A	10.0	10.1	0.3063682	0.3092808		1.0	30	
Methyl tert-butyl ether (MTBE)	A	10.0	12.8	2.442565	3.123973		27.9	30	
Methylene chloride	A	10.0	11.1	0.9030978	1.005883		11.4	30	
Naphthalene	A	10.0	8.01	1.296457	1.220331		-5.9	30	
n-Heptane	A	10.0	11.1	1.334046	1.476091		10.6	30	
n-Hexane	A	10.0	11.8	1.349056	1.589545		17.8	30	
o-Xylene	A	10.0	10.7	1.143821	1.220102		6.7	30	
p- & m- Xylenes	A	20.0	21.0	1.106659	1.162621		5.1	30	
p-Ethyltoluene	A	10.0	11.4	1.605136	1.802852		12.3	30	
Propylene	A	10.0	11.2	0.4153849	0.4662162		12.2	30	
Styrene	A	10.0	11.3	0.8774307	0.9906279		12.9	30	
Tetrachloroethylene	A	10.0	13.4	0.4605119	0.6161518		33.8	30 *	
Tetrahydrofuran	A	10.0	11.1	0.883823	0.9787799		10.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030439.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2211	Injection Date:	04/21/25
Lab Sample ID:	S5D2211-CCV1	Injection Time:	10:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toluene	A	10.0	11.2	1.023316	1.142223		11.6	30	
trans-1,2-Dichloroethylene	A	10.0	11.8	1.244772	1.466213		17.8	30	
trans-1,3-Dichloropropylene	A	10.0	11.8	0.3773475	0.4455037		18.1	30	
Trichloroethylene	A	10.0	10.7	0.3756243	0.4033178		7.4	30	
Trichlorofluoromethane (Freon 11)	A	10.0	12.0	2.215284	2.663622		20.2	30	
Vinyl acetate	A	10.0	9.42	1.870941	1.762183		-5.8	30	
Vinyl bromide	A	10.0	13.4	0.8930613	1.193621		33.7	30 *	
Vinyl Chloride	A	10.0	10.3	0.9204408	0.9463397		2.8	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030467.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2228	Injection Date:	04/22/25
Lab Sample ID:	S5D2228-CCV1	Injection Time:	10:48

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.5108796	0.5512714		7.9	30	
1,1,1-Trichloroethane	A	10.0	11.8	1.945123	2.287129		17.6	30	
1,1,2,2-Tetrachloroethane	A	10.0	9.84	0.8752536	0.8604356		-1.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.0	1.921933	2.3168		20.5	30	
1,1,2-Trichloroethane	A	10.0	9.97	0.35923	0.358178		-0.3	30	
1,1-Dichloroethane	A	10.0	11.1	1.56486	1.739166		11.1	30	
1,1-Dichloroethylene	A	10.0	11.0	1.316351	1.450013		10.2	30	
1,2,4-Trichlorobenzene	A	10.0	6.67	0.3641083	0.3757862		3.2	30	
1,2,4-Trimethylbenzene	A	10.0	10.8	1.369696	1.471479		7.4	30	
1,2-Dibromoethane	A	10.0	10.4	0.5272258	0.5509446		4.5	30	
1,2-Dichlorobenzene	A	10.0	11.1	0.815497	0.9045485		10.9	30	
1,2-Dichloroethane	A	10.0	12.2	1.104052	1.187683		7.6	30	
1,2-Dichloropropane	A	10.0	9.85	0.2895865	0.2853099		-1.5	30	
1,2-Dichlorotetrafluoroethane	A	10.0	9.08	2.701731	2.453451		-9.2	30	
1,3,5-Trimethylbenzene	A	10.0	11.0	1.327987	1.47458		11.0	30	
1,3-Butadiene	A	10.0	11.0	0.6485865	0.7163394		10.4	30	
1,3-Dichlorobenzene	A	10.0	12.0	0.7781809	0.9330719		19.9	30	
1,3-Dichloropropane	A	10.0	10.4	0.4824693	0.5010497		3.9	30	
1,4-Dichlorobenzene	A	10.0	12.4	0.7757349	0.8894376		14.7	30	
1,4-Dioxane	A	10.0	10.8	0.1923753	0.2057469		7.0	30	
2,2,4-Trimethylpentane	A	10.0	12.0	4.166462	4.99074		19.8	30	
2-Butanone	A	10.0	10.4	1.574915	1.640813		4.2	30	
2-Hexanone	A	10.0	9.09	0.4517673	0.4109305		-9.0	30	
3-Chloropropene	A	10.0	11.3	0.9072515	1.026447		13.1	30	
4-Methyl-2-pentanone	A	10.0	9.35	0.5113968	0.4784027		-6.5	30	
Acetone	A	10.0	11.0	1.193605	1.321052		10.7	30	
Acrylonitrile	A	10.0	9.95	0.7533379	0.7494661		-0.5	30	
Benzene	A	10.0	11.5	2.995693	3.445124		15.0	30	
Benzyl chloride	A	10.0	8.85	0.2546995	0.2552338		0.2	30	
Bromodichloromethane	A	10.0	10.0	0.5695835	0.5709257		0.2	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030467.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2228	Injection Date:	04/22/25
Lab Sample ID:	S5D2228-CCV1	Injection Time:	10:48

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	13.9	0.5384709	0.7743887		43.8	30 *	
Bromomethane	A	10.0	12.2	0.8997606	1.093396		21.5	30	
Carbon disulfide	A	10.0	11.8	2.697296	3.192929		18.4	30	
Carbon tetrachloride	A	10.0	12.4	1.939362	2.403082		23.9	30	
Chlorobenzene	A	10.0	11.0	0.9262688	1.015235		9.6	30	
Chloroethane	A	10.0	12.1	0.460661	0.5593808		21.4	30	
Chloroform	A	10.0	11.4	1.973287	2.250891		14.1	30	
Chloromethane	A	10.0	8.43	0.6694955	0.5644512		-15.7	30	
cis-1,2-Dichloroethylene	A	10.0	11.4	1.19569	1.363029		14.0	30	
cis-1,3-Dichloropropylene	A	10.0	11.0	0.4390412	0.4818542		9.8	30	
Cyclohexane	A	10.0	11.4	1.403985	1.601052		14.0	30	
Dibromochloromethane	A	10.0	11.2	0.5934745	0.6670926		12.4	30	
Dichlorodifluoromethane	A	10.0	11.3	2.276253	2.576825		13.2	30	
Ethyl acetate	A	10.0	10.3	1.809414	1.856124		2.6	30	
Ethyl Benzene	A	10.0	10.7	1.45521	1.561337		7.3	30	
Hexachlorobutadiene	A	10.0	15.3	0.5605023	0.8551543		52.6	30 *	
Isopropanol	A	10.0	8.79	2.492656	1.564025		-37.3	30 *	
Methyl Methacrylate	A	10.0	9.82	0.3063682	0.3010007		-1.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	12.3	2.442565	3.006884		23.1	30	
Methylene chloride	A	10.0	10.5	0.9030978	0.9569145		6.0	30	
Naphthalene	A	10.0	8.05	1.296457	1.227793		-5.3	30	
n-Heptane	A	10.0	10.8	1.334046	1.441058		8.0	30	
n-Hexane	A	10.0	11.4	1.349056	1.531848		13.5	30	
o-Xylene	A	10.0	10.5	1.143821	1.195579		4.5	30	
p- & m- Xylenes	A	20.0	20.6	1.106659	1.136723		2.7	30	
p-Ethyltoluene	A	10.0	11.2	1.605136	1.770048		10.3	30	
Propylene	A	10.0	9.99	0.4153849	0.4152574		-0.03	30	
Styrene	A	10.0	11.1	0.8774307	0.9725415		10.8	30	
Tetrachloroethylene	A	10.0	12.6	0.4605119	0.5782026		25.6	30	
Tetrahydrofuran	A	10.0	10.7	0.883823	0.9443554		6.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030467.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2228	Injection Date:	04/22/25
Lab Sample ID:	S5D2228-CCV1	Injection Time:	10:48

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toluene	A	10.0	10.3	1.023316	1.054843		3.1	30	
trans-1,2-Dichloroethylene	A	10.0	11.3	1.244772	1.405019		12.9	30	
trans-1,3-Dichloropropylene	A	10.0	10.9	0.3773475	0.4108303		8.9	30	
Trichloroethylene	A	10.0	10.2	0.3756243	0.3864251		2.9	30	
Trichlorofluoromethane (Freon 11)	A	10.0	11.5	2.215284	2.552584		15.2	30	
Vinyl acetate	A	10.0	9.33	1.870941	1.745364		-6.7	30	
Vinyl bromide	A	10.0	12.9	0.8930613	1.150426		28.8	30	
Vinyl Chloride	A	10.0	10.2	0.9204408	0.9355114		1.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.097	49	295097	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1218414	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1099221	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	733695	0.37	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#		
Target Compounds						Qvalue
2) Propylene	5.027	42	137579	11.22	ppbv	98
3) Dichlorodifluoromethane	5.099	85	830629	12.36	ppbv	98
4) 1,2-Dichlorotetrafluor...	5.364	85	727446	9.12	ppbv	90
5) Chloromethane	5.590	50	156184	7.90	ppbv	100
6) Vinyl Chloride	5.861	62	279262	10.28	ppbv	100
7) 1,3-Butadiene	5.943	54	218818	11.43	ppbv	95
8) Bromomethane	6.740	94	337087	12.69	ppbv	99
9) Chloroethane	6.910	64	172726	12.70	ppbv	94
10) ethanol	7.018	45	102606	8.26	ppbv	89
11) Vinyl Bromide	7.364	106	352234	13.36	ppbv	100
12) Trichlorofluoromethane	7.485	101	786027	12.02	ppbv	99
13) Isopropanol	7.956	45	479067	9.12	ppbv	100
14) Acrolein	8.080	56	130335	11.57	ppbv #	100
15) Acetone	8.188	43	402787	11.41	ppbv	84
16) Freon-113	8.355	101	708391	12.49	ppbv	91
17) 1,1-Dichloroethylene	8.584	61	448104	11.53	ppbv	84
18) 3-Chloropropene	9.178	41	320326	11.96	ppbv	87
19) Methylene Chloride	9.329	49	296833	11.08	ppbv #	75
20) Acrylonitrile	9.404	53	232533	10.46	ppbv #	100
21) Carbon disulfide	9.466	76	984632	12.37	ppbv	89
22) Methyl-tert-Butyl Ethe...	9.728	73	921875	12.79	ppbv	94
23) trans-1,2-Dichloroethy...	9.934	61	432675	11.78	ppbv	82
24) Hexane	10.221	57	469070	11.78	ppbv	88
25) Vinyl Acetate	10.541	43	520015	9.42	ppbv #	99
26) 1,1-Dichloroethane	10.594	63	528703	11.45	ppbv #	99
27) 2-Butanone	11.198	43	503159	10.81	ppbv #	84
28) Ethyl Acetate	11.506	43	567140	10.62	ppbv #	93
29) cis-1,2-Dichloroethylene	11.594	61	414191	11.76	ppbv	84
30) Chloroform	11.869	83	691550	11.87	ppbv	97
31) Tetrahydrofuran	12.192	42	288835	11.07	ppbv #	84
32) 1,1,1-Trichlorethane	12.611	97	704242	12.27	ppbv	96
33) Cyclohexane	12.781	56	487851	11.78	ppbv	88
34) 2,2,4-Trimethylpentane	12.928	57	1507149	12.25	ppbv #	96
35) Carbon Tetrachloride	13.075	117	735221	12.84	ppbv	99
36) 1,2-Dichloroethane	13.147	62	363599m	12.66	ppbv	
37) Benzene	13.281	78	1045729	11.83	ppbv #	100
38) n-Heptane	13.294	43	435590	11.06	ppbv #	90
40) Trichloroethylene	14.314	95	491408	10.69	ppbv	85
41) 1,2-Dichloropropane	14.542	63	359001	10.17	ppbv #	98
42) Methyl Methacrylate	14.555	69	376832	10.09	ppbv #	76
43) 1,4-Dioxane	14.863	88	261404	11.25	ppbv #	100
44) Bromodichloromethane	14.905	83	725994	10.46	ppbv	97
45) Methyl Isobutyl Ketone	15.441	43	601559	9.65	ppbv	87
46) cis-1,3-Dichloropropene	15.797	75	614924	11.49	ppbv	94
47) Toluene	16.454	91	1391701	11.16	ppbv	98
48) trans-1,3-Dichloropropene	16.611	75	542808	11.80	ppbv	94

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

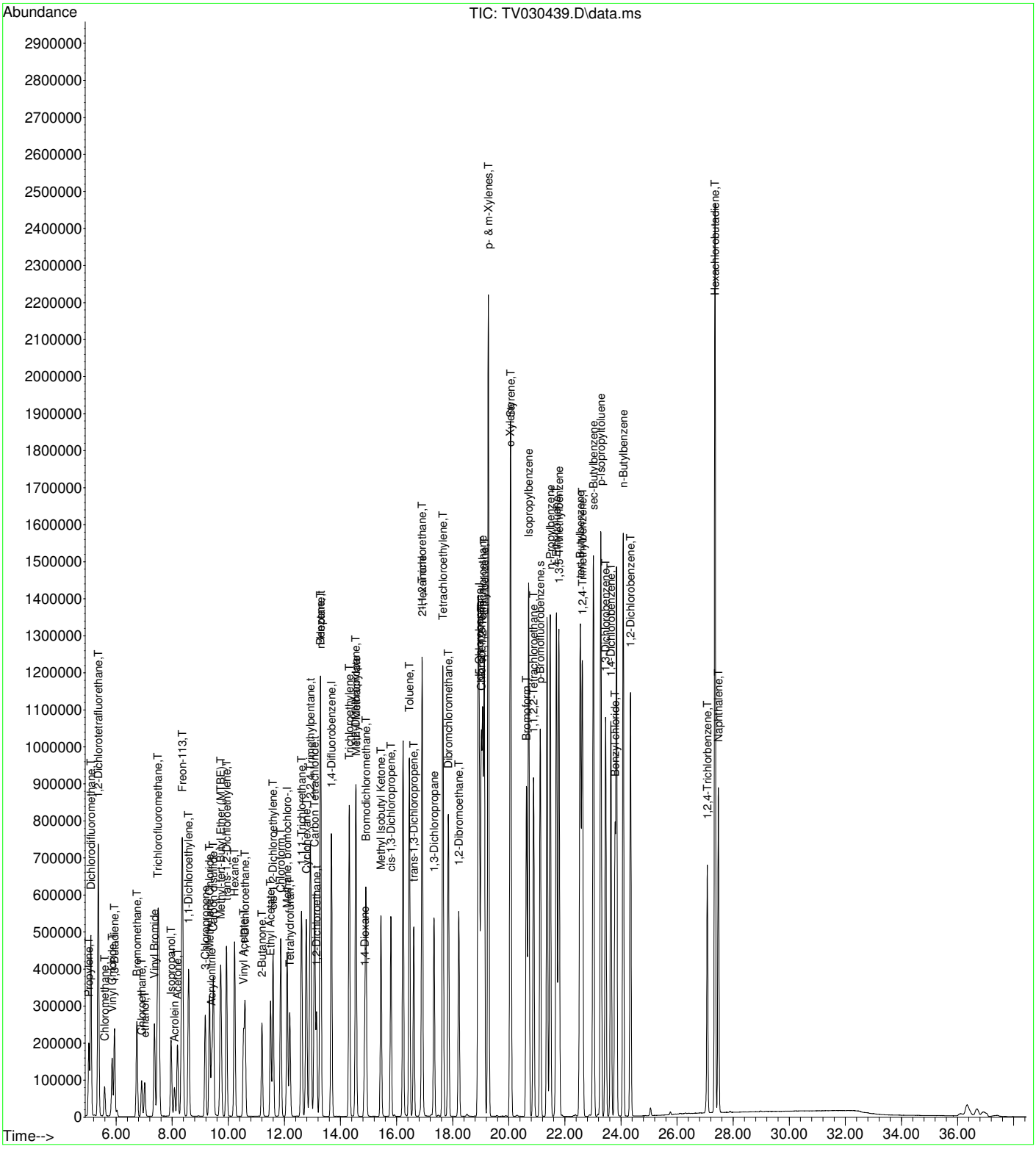
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.909	97	469626	10.73	ppbv		92
50) 2-Hexanone	16.912	43	557486	10.12	ppbv	#	91
51) 1,3-Dichloropropane	17.334	76	666996	11.34	ppbv	#	100
52) Tetrachloroethylene	17.648	166	750728	13.38	ppbv		96
53) Dibromchloromethane	17.844	129	878847	12.15	ppbv	#	97
54) 1,2-Dibromoethane	18.216	107	721783	11.23	ppbv		100
56) Chlorobenzene	19.017	112	1130132	11.11	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.069	131	613415	10.93	ppbv		96
58) Ethylbenzene	19.125	91	1752178	10.96	ppbv		96
59) p- & m-Xylenes	19.269	91	2555954	21.05	ppbv		92
60) o-Xylene	20.050	91	1341162	10.68	ppbv		98
61) Styrene	20.070	104	1088919	11.30	ppbv	#	74
62) Bromoform	20.629	173	858027	14.02	ppbv		97
63) n-Propylbenzene	21.475	91	2307596	10.94	ppbv		99
64) Isopropylbenzene	20.707	105	2049845	11.32	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.880	83	961308	10.00	ppbv		98
67) 4-Ethyltoluene	21.697	105	1981733	11.35	ppbv		92
68) 1,3,5-Trimethylbenzene	21.786	105	1632037	11.11	ppbv		97
69) tert-Butylbenzene	22.547	119	1896089	11.04	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.619	105	1633080	10.86	ppbv	#	81
71) sec-Butylbenzene	23.018	105	2448458	10.70	ppbv	#	99
72) p-Isopropyltoluene	23.279	119	2093592	10.80	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1040526	12.17	ppbv		94
74) 1,4-Dichlorobenzene	23.642	146	997514	12.70	ppbv		94
75) Benzyl chloride	23.789	126	288709	9.11	ppbv	#	1
76) n-Butylbenzene	24.080	91	1704703	10.61	ppbv	#	82
77) 1,2-Dichlorobenzene	24.338	146	1010519	11.28	ppbv		94
78) 1,2,4-Trichlorbenzene	27.078	180	400704	6.47	ppbv	#	93
79) Hexachlorobutadiene	27.349	225	948988	15.41	ppbv		95
80) Naphthalene	27.470	128	1341414	8.01	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.097	49	295097	10.00	ppbv	#-0.01
39) 1,4-Difluorobenzene	13.676	114	1218414	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1099221	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.119	95	733695	0.37	ppbv	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#		
Target Compounds						Qvalue
2) Propylene	5.027	42	137579	11.22	ppbv	98
3) Dichlorodifluoromethane	5.099	85	830629	12.36	ppbv	98
4) 1,2-Dichlorotetrafluor...	5.364	85	727446	9.12	ppbv	90
5) Chloromethane	5.590	50	156184	7.90	ppbv	100
6) Vinyl Chloride	5.861	62	279262	10.28	ppbv	100
7) 1,3-Butadiene	5.943	54	218818	11.43	ppbv	95
8) Bromomethane	6.740	94	337087	12.69	ppbv	99
9) Chloroethane	6.910	64	172726	12.70	ppbv	94
10) ethanol	7.018	45	102606	8.26	ppbv	89
11) Vinyl Bromide	7.364	106	352234	13.36	ppbv	100
12) Trichlorofluoromethane	7.485	101	786027	12.02	ppbv	99
13) Isopropanol	7.956	45	479067	9.12	ppbv	100
14) Acrolein	8.080	56	130335	11.57	ppbv #	100
15) Acetone	8.188	43	402787	11.41	ppbv	84
16) Freon-113	8.355	101	708391	12.49	ppbv	91
17) 1,1-Dichloroethylene	8.584	61	448104	11.53	ppbv	84
18) 3-Chloropropene	9.178	41	320326	11.96	ppbv	87
19) Methylene Chloride	9.329	49	296833	11.08	ppbv #	75
20) Acrylonitrile	9.404	53	232533	10.46	ppbv #	100
21) Carbon disulfide	9.466	76	984632	12.37	ppbv	89
22) Methyl-tert-Butyl Ethe...	9.728	73	921875	12.79	ppbv	94
23) trans-1,2-Dichloroethy...	9.934	61	432675	11.78	ppbv	82
24) Hexane	10.221	57	469070	11.78	ppbv	88
25) Vinyl Acetate	10.541	43	520015	9.42	ppbv #	99
26) 1,1-Dichloroethane	10.594	63	528703	11.45	ppbv #	99
27) 2-Butanone	11.198	43	503159	10.81	ppbv #	84
28) Ethyl Acetate	11.506	43	567140	10.62	ppbv #	93
29) cis-1,2-Dichloroethylene	11.594	61	414191	11.76	ppbv	84
30) Chloroform	11.869	83	691550	11.87	ppbv	97
31) Tetrahydrofuran	12.192	42	288835	11.07	ppbv #	84
32) 1,1,1-Trichlorethane	12.611	97	704242	12.27	ppbv	96
33) Cyclohexane	12.781	56	487851	11.78	ppbv	88
34) 2,2,4-Trimethylpentane	12.928	57	1507149	12.25	ppbv #	96
35) Carbon Tetrachloride	13.075	117	735221	12.84	ppbv	99
36) 1,2-Dichloroethane	13.147	62	363599m	12.66	ppbv	
37) Benzene	13.281	78	1045729	11.83	ppbv #	100
38) n-Heptane	13.294	43	435590	11.06	ppbv #	90
40) Trichloroethylene	14.314	95	491408	10.69	ppbv	85
41) 1,2-Dichloropropane	14.542	63	359001	10.17	ppbv #	98
42) Methyl Methacrylate	14.555	69	376832	10.09	ppbv #	76
43) 1,4-Dioxane	14.863	88	261404	11.25	ppbv #	100
44) Bromodichloromethane	14.905	83	725994	10.46	ppbv	97
45) Methyl Isobutyl Ketone	15.441	43	601559	9.65	ppbv	87
46) cis-1,3-Dichloropropene	15.797	75	614924	11.49	ppbv	94
47) Toluene	16.454	91	1391701	11.16	ppbv	98
48) trans-1,3-Dichloropropene	16.611	75	542808	11.80	ppbv	94

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

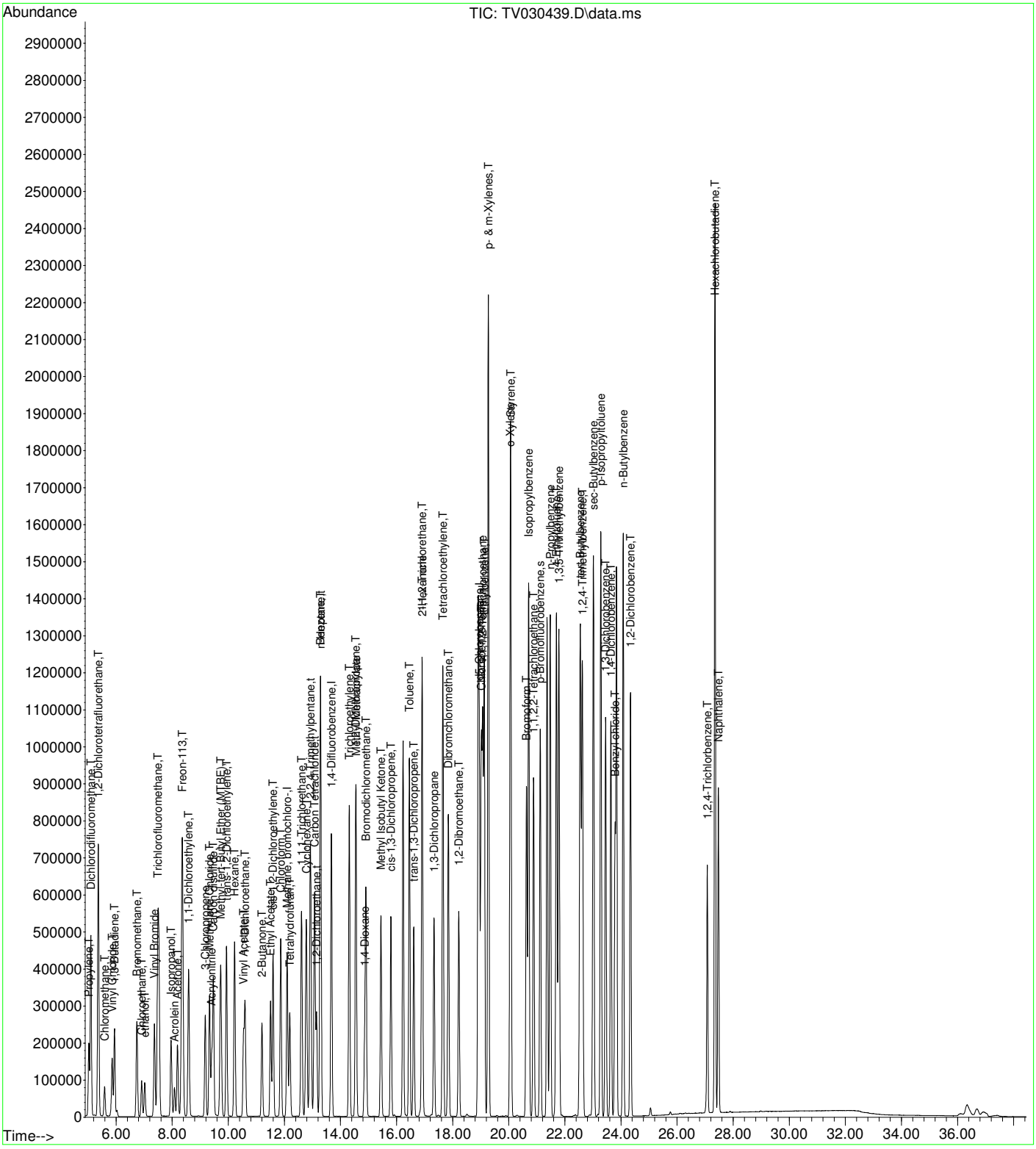
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.909	97	469626	10.73	ppbv		92
50) 2-Hexanone	16.912	43	557486	10.12	ppbv	#	91
51) 1,3-Dichloropropane	17.334	76	666996	11.34	ppbv	#	100
52) Tetrachloroethylene	17.648	166	750728	13.38	ppbv		96
53) Dibromchloromethane	17.844	129	878847	12.15	ppbv	#	97
54) 1,2-Dibromoethane	18.216	107	721783	11.23	ppbv		100
56) Chlorobenzene	19.017	112	1130132	11.11	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.069	131	613415	10.93	ppbv		96
58) Ethylbenzene	19.125	91	1752178	10.96	ppbv		96
59) p- & m-Xylenes	19.269	91	2555954	21.05	ppbv		92
60) o-Xylene	20.050	91	1341162	10.68	ppbv		98
61) Styrene	20.070	104	1088919	11.30	ppbv	#	74
62) Bromoform	20.629	173	858027	14.02	ppbv		97
63) n-Propylbenzene	21.475	91	2307596	10.94	ppbv		99
64) Isopropylbenzene	20.707	105	2049845	11.32	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.880	83	961308	10.00	ppbv		98
67) 4-Ethyltoluene	21.697	105	1981733	11.35	ppbv		92
68) 1,3,5-Trimethylbenzene	21.786	105	1632037	11.11	ppbv		97
69) tert-Butylbenzene	22.547	119	1896089	11.04	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.619	105	1633080	10.86	ppbv	#	81
71) sec-Butylbenzene	23.018	105	2448458	10.70	ppbv	#	99
72) p-Isopropyltoluene	23.279	119	2093592	10.80	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1040526	12.17	ppbv		94
74) 1,4-Dichlorobenzene	23.642	146	997514	12.70	ppbv		94
75) Benzyl chloride	23.789	126	288709	9.11	ppbv	#	1
76) n-Butylbenzene	24.080	91	1704703	10.61	ppbv	#	82
77) 1,2-Dichlorobenzene	24.338	146	1010519	11.28	ppbv		94
78) 1,2,4-Trichlorbenzene	27.078	180	400704	6.47	ppbv	#	93
79) Hexachlorobutadiene	27.349	225	948988	15.41	ppbv		95
80) Naphthalene	27.470	128	1341414	8.01	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042125\
Data File : TV030439.D
Acq On : 21 Apr 2025 10:28 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 21 11:37:41 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	307667	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1278007	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.949	117	1084582	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.122	95	735283	0.37	ppbv		-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#			
Target Compounds							Qvalue
2) Propylene	5.027	42	127761	9.99	ppbv		98
3) Dichlorodifluoromethane	5.096	85	792804	11.32	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.364	85	754846	9.08	ppbv		91
5) Chloromethane	5.590	50	173663	8.43	ppbv		100
6) Vinyl Chloride	5.861	62	287826	10.16	ppbv		100
7) 1,3-Butadiene	5.943	54	220394	11.04	ppbv		96
8) Bromomethane	6.737	94	336402	12.15	ppbv		99
9) Chloroethane	6.910	64	172103	12.14	ppbv		94
10) ethanol	7.025	45	100104	7.73	ppbv		89
11) Vinyl Bromide	7.365	106	353948	12.87	ppbv		100
12) Trichlorofluoromethane	7.485	101	785346	11.52	ppbv		99
13) Isopropanol	7.963	45	481199	8.79	ppbv		100
14) Acrolein	8.080	56	131701	11.21	ppbv	#	100
15) Acetone	8.191	43	406444	11.04	ppbv		84
16) Freon-113	8.358	101	712803	12.05	ppbv		91
17) 1,1-Dichloroethylene	8.584	61	446121	11.01	ppbv		83
18) 3-Chloropropene	9.179	41	315804	11.31	ppbv	#	86
19) Methylene Chloride	9.329	49	294411	10.54	ppbv	#	74
20) Acrylonitrile	9.407	53	230586	9.95	ppbv	#	100
21) Carbon disulfide	9.466	76	982359	11.83	ppbv	#	88
22) Methyl-tert-Butyl Ethe...	9.731	73	925119	12.31	ppbv		94
23) trans-1,2-Dichloroethy...	9.934	61	432278	11.28	ppbv		82
24) Hexane	10.225	57	471299	11.35	ppbv		88
25) Vinyl Acetate	10.542	43	536991	9.33	ppbv	#	99
26) 1,1-Dichloroethane	10.597	63	535084	11.11	ppbv	#	99
27) 2-Butanone	11.202	43	504824	10.41	ppbv	#	84
28) Ethyl Acetate	11.509	43	571068	10.26	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.597	61	419359	11.42	ppbv		84
30) Chloroform	11.872	83	692525	11.40	ppbv		97
31) Tetrahydrofuran	12.196	42	290547	10.68	ppbv	#	83
32) 1,1,1-Trichlorethane	12.611	97	703674	11.75	ppbv		96
33) Cyclohexane	12.781	56	492591	11.40	ppbv		87
34) 2,2,4-Trimethylpentane	12.928	57	1535486	11.98	ppbv	#	96
35) Carbon Tetrachloride	13.078	117	739349	12.39	ppbv		99
36) 1,2-Dichloroethane	13.150	62	365411m	12.21	ppbv		
37) Benzene	13.281	78	1059951	11.50	ppbv	#	100
38) n-Heptane	13.297	43	443366	10.80	ppbv	#	75
40) Trichloroethylene	14.314	95	493854	10.25	ppbv		85
41) 1,2-Dichloropropane	14.542	63	364628	9.85	ppbv	#	98
42) Methyl Methacrylate	14.556	69	384681	9.82	ppbv	#	76
43) 1,4-Dioxane	14.863	88	262946	10.79	ppbv	#	100
44) Bromodichloromethane	14.909	83	729647	10.02	ppbv		97
45) Methyl Isobutyl Ketone	15.445	43	611402	9.35	ppbv		86
46) cis-1,3-Dichloropropene	15.801	75	615813	10.97	ppbv		94
47) Toluene	16.455	91	1348097	10.31	ppbv		98
48) trans-1,3-Dichloropropene	16.615	75	525044	10.88	ppbv		93

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

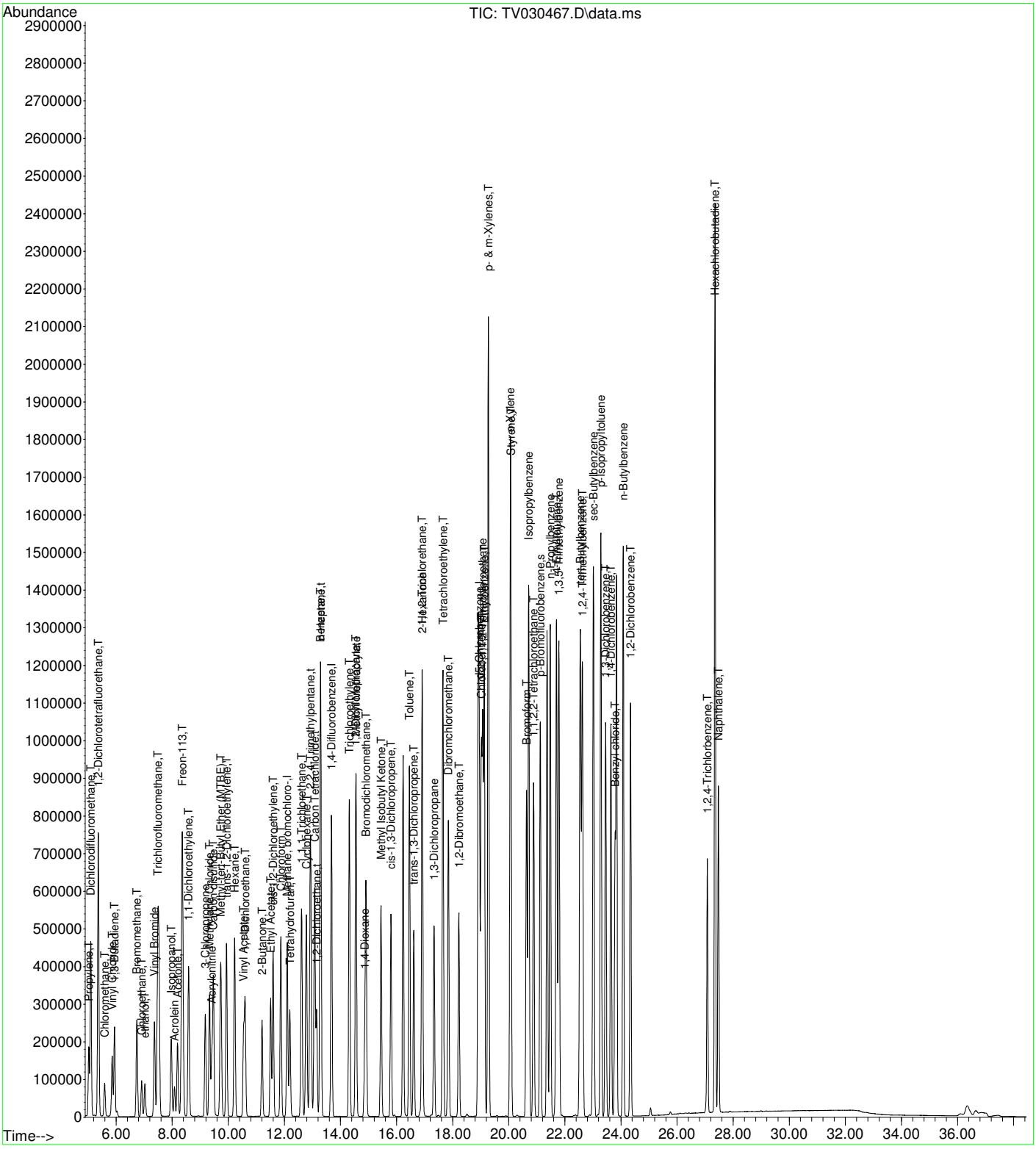
Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.909	97	457754	9.97	ppbv		92
50) 2-Hexanone	16.915	43	525172	9.09	ppbv	#	73
51) 1,3-Dichloropropane	17.334	76	640345	10.38	ppbv	#	100
52) Tetrachloroethylene	17.651	166	738947	12.55	ppbv		96
53) Dibromchloromethane	17.844	129	852549	11.24	ppbv	#	97
54) 1,2-Dibromoethane	18.220	107	704111	10.45	ppbv		100
56) Chlorobenzene	19.017	112	1101106	10.97	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.070	131	597899	10.80	ppbv		96
58) Ethylbenzene	19.125	91	1693398	10.74	ppbv		96
59) p- & m-Xylenes	19.269	91	2465739	20.58	ppbv		92
60) o-Xylene	20.053	91	1296704	10.46	ppbv		98
61) Styrene	20.073	104	1054801	11.09	ppbv	#	74
62) Bromoform	20.632	173	839888	13.91	ppbv		97
63) n-Propylbenzene	21.475	91	2236412	10.75	ppbv		99
64) Isopropylbenzene	20.707	105	1992366	11.16	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.884	83	933213	9.84	ppbv		98
67) 4-Ethyltoluene	21.698	105	1919762	11.15	ppbv		92
68) 1,3,5-Trimethylbenzene	21.782	105	1599303	11.04	ppbv		96
69) tert-Butylbenzene	22.547	119	1854112	10.94	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.623	105	1595940	10.75	ppbv	#	81
71) sec-Butylbenzene	23.018	105	2390557	10.58	ppbv	#	99
72) p-Isopropyltoluene	23.283	119	2042356	10.67	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1011993	11.99	ppbv		94
74) 1,4-Dichlorobenzene	23.642	146	964668	12.44	ppbv		94
75) Benzyl chloride	23.789	126	276822	8.85	ppbv	#	1
76) n-Butylbenzene	24.080	91	1663297	10.49	ppbv	#	87
77) 1,2-Dichlorobenzene	24.342	146	981057	11.10	ppbv		94
78) 1,2,4-Trichlorbenzene	27.078	180	407571	6.67	ppbv	#	92
79) Hexachlorobutadiene	27.352	225	927485	15.26	ppbv		94
80) Naphthalene	27.473	128	1331642	8.05	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Methane, bromochloro-	12.101	49	307667	10.00	ppbv		#-0.01
39) 1,4-Difluorobenzene	13.676	114	1278007	10.00	ppbv		-0.01
55) d5-Chlorobenzene	18.949	117	1084582	10.00	ppbv		-0.01
System Monitoring Compounds							
66) p-Bromofluorobenzene	21.122	95	735283	0.37	ppbv		-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.70%#			
Target Compounds							Qvalue
2) Propylene	5.027	42	127761	9.99	ppbv		98
3) Dichlorodifluoromethane	5.096	85	792804	11.32	ppbv		98
4) 1,2-Dichlorotetrafluor...	5.364	85	754846	9.08	ppbv		91
5) Chloromethane	5.590	50	173663	8.43	ppbv		100
6) Vinyl Chloride	5.861	62	287826	10.16	ppbv		100
7) 1,3-Butadiene	5.943	54	220394	11.04	ppbv		96
8) Bromomethane	6.737	94	336402	12.15	ppbv		99
9) Chloroethane	6.910	64	172103	12.14	ppbv		94
10) ethanol	7.025	45	100104	7.73	ppbv		89
11) Vinyl Bromide	7.365	106	353948	12.87	ppbv		100
12) Trichlorofluoromethane	7.485	101	785346	11.52	ppbv		99
13) Isopropanol	7.963	45	481199	8.79	ppbv		100
14) Acrolein	8.080	56	131701	11.21	ppbv	#	100
15) Acetone	8.191	43	406444	11.04	ppbv		84
16) Freon-113	8.358	101	712803	12.05	ppbv		91
17) 1,1-Dichloroethylene	8.584	61	446121	11.01	ppbv		83
18) 3-Chloropropene	9.179	41	315804	11.31	ppbv	#	86
19) Methylene Chloride	9.329	49	294411	10.54	ppbv	#	74
20) Acrylonitrile	9.407	53	230586	9.95	ppbv	#	100
21) Carbon disulfide	9.466	76	982359	11.83	ppbv	#	88
22) Methyl-tert-Butyl Ethe...	9.731	73	925119	12.31	ppbv		94
23) trans-1,2-Dichloroethy...	9.934	61	432278	11.28	ppbv		82
24) Hexane	10.225	57	471299	11.35	ppbv		88
25) Vinyl Acetate	10.542	43	536991	9.33	ppbv	#	99
26) 1,1-Dichloroethane	10.597	63	535084	11.11	ppbv	#	99
27) 2-Butanone	11.202	43	504824	10.41	ppbv	#	84
28) Ethyl Acetate	11.509	43	571068	10.26	ppbv	#	93
29) cis-1,2-Dichloroethylene	11.597	61	419359	11.42	ppbv		84
30) Chloroform	11.872	83	692525	11.40	ppbv		97
31) Tetrahydrofuran	12.196	42	290547	10.68	ppbv	#	83
32) 1,1,1-Trichlorethane	12.611	97	703674	11.75	ppbv		96
33) Cyclohexane	12.781	56	492591	11.40	ppbv		87
34) 2,2,4-Trimethylpentane	12.928	57	1535486	11.98	ppbv	#	96
35) Carbon Tetrachloride	13.078	117	739349	12.39	ppbv		99
36) 1,2-Dichloroethane	13.150	62	365411m	12.21	ppbv		
37) Benzene	13.281	78	1059951	11.50	ppbv	#	100
38) n-Heptane	13.297	43	443366	10.80	ppbv	#	75
40) Trichloroethylene	14.314	95	493854	10.25	ppbv		85
41) 1,2-Dichloropropane	14.542	63	364628	9.85	ppbv	#	98
42) Methyl Methacrylate	14.556	69	384681	9.82	ppbv	#	76
43) 1,4-Dioxane	14.863	88	262946	10.79	ppbv	#	100
44) Bromodichloromethane	14.909	83	729647	10.02	ppbv		97
45) Methyl Isobutyl Ketone	15.445	43	611402	9.35	ppbv		86
46) cis-1,3-Dichloropropene	15.801	75	615813	10.97	ppbv		94
47) Toluene	16.455	91	1348097	10.31	ppbv		98
48) trans-1,3-Dichloropropene	16.615	75	525044	10.88	ppbv		93

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

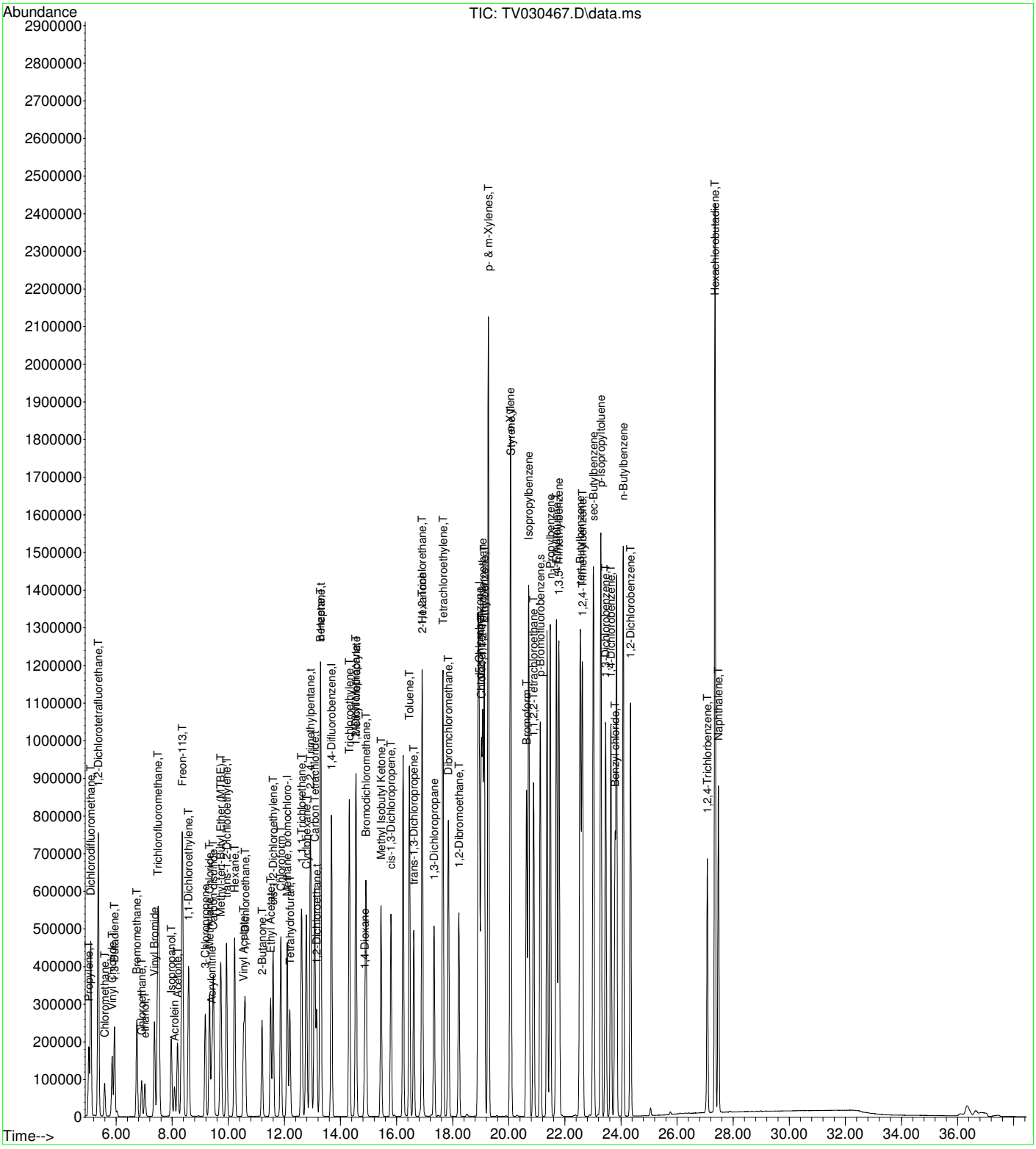
Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,2-Trichlorethane	16.909	97	457754	9.97	ppbv		92
50) 2-Hexanone	16.915	43	525172	9.09	ppbv	#	73
51) 1,3-Dichloropropane	17.334	76	640345	10.38	ppbv	#	100
52) Tetrachloroethylene	17.651	166	738947	12.55	ppbv		96
53) Dibromchloromethane	17.844	129	852549	11.24	ppbv	#	97
54) 1,2-Dibromoethane	18.220	107	704111	10.45	ppbv		100
56) Chlorobenzene	19.017	112	1101106	10.97	ppbv	#	100
57) 1,1,1,2-Tetrachloroethane	19.070	131	597899	10.80	ppbv		96
58) Ethylbenzene	19.125	91	1693398	10.74	ppbv		96
59) p- & m-Xylenes	19.269	91	2465739	20.58	ppbv		92
60) o-Xylene	20.053	91	1296704	10.46	ppbv		98
61) Styrene	20.073	104	1054801	11.09	ppbv	#	74
62) Bromoform	20.632	173	839888	13.91	ppbv		97
63) n-Propylbenzene	21.475	91	2236412	10.75	ppbv		99
64) Isopropylbenzene	20.707	105	1992366	11.16	ppbv		99
65) 1,1,2,2-Tetrachloroeth...	20.884	83	933213	9.84	ppbv		98
67) 4-Ethyltoluene	21.698	105	1919762	11.15	ppbv		92
68) 1,3,5-Trimethylbenzene	21.782	105	1599303	11.04	ppbv		96
69) tert-Butylbenzene	22.547	119	1854112	10.94	ppbv	#	62
70) 1,2,4-Trimethylbenzene	22.623	105	1595940	10.75	ppbv	#	81
71) sec-Butylbenzene	23.018	105	2390557	10.58	ppbv	#	99
72) p-Isopropyltoluene	23.283	119	2042356	10.67	ppbv	#	100
73) 1,3-Dichlorobenzene	23.453	146	1011993	11.99	ppbv		94
74) 1,4-Dichlorobenzene	23.642	146	964668	12.44	ppbv		94
75) Benzyl chloride	23.789	126	276822	8.85	ppbv	#	1
76) n-Butylbenzene	24.080	91	1663297	10.49	ppbv	#	87
77) 1,2-Dichlorobenzene	24.342	146	981057	11.10	ppbv		94
78) 1,2,4-Trichlorbenzene	27.078	180	407571	6.67	ppbv	#	92
79) Hexachlorobutadiene	27.352	225	927485	15.26	ppbv		94
80) Naphthalene	27.473	128	1331642	8.05	ppbv		99

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

Data Path : C:\MassHunter\GCMS\1\data\042225\
Data File : TV030467.D
Acq On : 22 Apr 2025 10:48 am
Operator : YR
Sample : SEQ-CCV1
Misc : QBTO3032725A
ALS Vial : 10 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Apr 22 11:39:23 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration



BENCHSHEETS

SDG: 25C1721

CLASS: AIR

METHOD: EPA TO-15

PREPARATION BENCH SHEET : BD51581

Preparation Date: 04/21/2025 09:00

York Analytical Laboratories, Inc. - Stratford

Matrix: Air

Samples And QC:

Lab Number	Analysis	Canister Vacuum (in. Hg) upon receipt	Final Canister Press. (psig) Analysis	Q	Spike	Source ID	Comments
25C1721-01 A	Volatile Organics, EPA TO15 Full List	-5.83	+4.77				
25C1721-02 A	Volatile Organics, EPA TO15 Full List	-0.11	+4.98				
25C1721-05 A	Volatile Organics, EPA TO15 Full List	-0.83	+5.01				
25C1721-06 A	Volatile Organics, EPA TO15 Full List	-3.10	+5.23				
25C1721-07 A	Volatile Organics, EPA TO15 Full List	-2.17	+5.47				
25C1721-08 A	Volatile Organics, EPA TO15 Full List	-0.73	+5.49				
25C1721-09 A	Volatile Organics, EPA TO15 Full List	-2.24	+5.38				
25C1721-10 A	Volatile Organics, EPA TO15 Full List	-0.69	+6.92				
25C1721-11 A	Volatile Organics, EPA TO15 Full List	-2.48	+5.06				
25C1721-12 A	Volatile Organics, EPA TO15 Full List	-7.16	+4.95				
25C1721-13 A	Volatile Organics, EPA TO15 Full List	-1.26	+5.26				
BD51581-BLK1	Volatile Organics, EPA TO15 Full List	NA	NA				
BD51581-BS1	Volatile Organics, EPA TO15 Full List	NA	NA		S25C412		
BD51581-DUP1	Volatile Organics, EPA TO15 Full List	-5.83	+4.77			25C1721-01	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25C412	TO15 AIR LCS/ICV @ 10 ppbv STATIC with ISO	032725_Can#50987	400

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S24I167	TO15 AIR SURR @10 PPBV STATIC	117484684_1594624_FF-4922	100

Preparations Performed by Yamilex Ramos **Date:** **09/16/2024 16:34**

BENCHSHEETS

SDG: 25C1721

CLASS: AIR

METHOD: EPA TO-15

PREPARATION BENCH SHEET : BD51611

Preparation Date: 04/22/2025 08:00

York Analytical Laboratories, Inc. - Stratford

Matrix: Air

Samples And QC:

Lab Number	Analysis	Canister Vacuum (in. Hg) upon receipt	Final Canister Press. (psig) Analysis	Q	Spike	Source ID	Comments
25C1721-03 A	Volatile Organics, EPA TO15 Full List	-7.61	+5.30				
25C1721-04 A	Volatile Organics, EPA TO15 Full List	-1.63	+4.23				
BD51611-BLK1	Volatile Organics, EPA TO15 Full List	NA	NA				
BD51611-BS1	Volatile Organics, EPA TO15 Full List	NA	NA		S25C412		

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25C412	TO15 AIR LCS/ICV @ 10 ppbv STATIC with ISO	032725_Can#50987	400

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S24I167	TO15 AIR SURR @10 PPBV STATIC	117484684_1594624_FF-4922	100

Preparations Performed by Yamilex Ramos **Date:** **09/16/2024 16:34**

Air Sampling Media Request Form

Canister Order No.: 9716

132-02 89th Avenue
Richmond Hill, NY 11418
TEL: 203-325-1371

Alt Ord No.: 1155873
Order Date: 02/25/2025
Requested By: nlovari

Client **PVE**
Address 48 Springside Avenue
Poughkeepsie,NY 12603
Phone 845-454-2544

Client Contact: Sam Ambrose
Hardware Needed: 03/24/2025
Expected Return Date: 03/27/2025 18:30
Ship Date:

Delivery Method **Drop of Address** **Special Instructons:**
York Courier

Type of Sample

Type	Size	Technique	Flow Rate	Sample Time(hr)	Quantity	IndivCert	Digital Gauge
Canister	6	RestrictedSampling		24	6	NO	NO

Hardware Details

Lab Number	Type	Serial #	Description	Cert Batch No.	Flow Rate (ml/min)
25C1721-01	**6**	**37000**	**Canister**	**11068**	
25C1721-01	**CS1200E**	**20451**	**FlowController**		**10.8**
25C1721-02	**6**	**24254**	**Canister**	**11069**	
25C1721-02	**CS1200E**	**20438**	**FlowController**		**10.8**
25C1721-03	**6**	**50376**	**Canister**	**11068**	
25C1721-03	**CS1200ES**	**13571**	**FlowController**		**10.8**
25C1721-04	**6**	**18299**	**Canister**	**11069**	
25C1721-04	**CS1200E**	**20439**	**FlowController**		**10.8**
25C1721-05	**6**	**34497**	**Canister**	**11055**	
25C1721-05	**CS1200ES4**	**19428**	**FlowController**		**10.8**
25C1721-06	**6**	**34496**	**Canister**	**11069**	
25C1721-06	**CS1200E**	**20233**	**FlowController**		**10.8**
25C1721-07	**6**	**50378**	**Canister**	**11069**	
25C1721-07	**CS1200ES2**	**16421**	**FlowController**		**10.8**
25C1721-08	**6**	**52073**	**Canister**	**11069**	
25C1721-08	**CS1200E2**	**7087**	**FlowController**		**10.8**
25C1721-09	**6**	**49981**	**Canister**	**11055**	
25C1721-09	**CS1200E**	**17895**	**FlowController**		**10.8**
25C1721-10	**6**	**50305**	**Canister**	**11068**	
25C1721-10	**CS1200ES3**	**16419**	**FlowController**		**10.8**
25C1721-11	**6**	**23800**	**Canister**	**11069**	
25C1721-11	**CS1200E**	**20452**	**FlowController**		**10.8**
25C1721-12	**6**	**49576**	**Canister**	**11068**	
25C1721-12	**CS1200ES2**	**16423**	**FlowController**		**10.8**
25C1721-13	**6**	**50306**	**Canister**	**11068**	
25C1721-13	**CS1200E**	**20442**	**FlowController**		**10.8**
25C1716-01	6	48303	Canister	11069	
25C1716-01	CS1200E	20416	FlowController		3.6
25C1716-02	6	24058	Canister	11062	
25C1716-02	CS1200ES4	19384	FlowController		3.6
25C1716-03	6	28314	Canister	11062	
25C1716-03	CS1200ES4	19396	FlowController		3.6
25C1716-04	6	37794	Canister	11062	
25C1716-04	CS1200E	20232	FlowController		3.6
25C1716-05	6	42997	Canister	11068	
25C1716-05	CS1200E	20458	FlowController		3.6
25C1716-06	6	24163	Canister	11055	
25C1716-06	CS1200E	20436	FlowController		3.6
	6		Canister		

Air Laboratory Bench Sheet

Batch BD51581 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1721-01	37000	-6.00	-6.00	-5.83 InHg	4.77	1.65	400	1.00	1.65	11068
9716	25C1721-02	24254	-2.00	-2.00	-0.11 InHg	4.98	1.34	750	0.53	0.72	11069
9716	25C1721-05	34497	-2.00	-2.00	-0.83 InHg	5.01	1.38	400	1.00	1.38	11055
9716	25C1721-06	34496	-3.00	-3.00	-3.10 InHg	5.23	1.51	750	0.53	0.81	11069
9716	25C1721-07	50378	-4.00	-3.00	-2.17 InHg	5.47	1.48	400	1.00	1.48	11069
9716	25C1721-08	52073	-2.00	-2.00	-0.73 InHg	5.49	1.41	750	0.53	0.75	11069
9716	25C1721-09	49981	-4.00	-5.00	-2.24 InHg	5.38	1.48	400	1.00	1.48	11055
9716	25C1721-10	50305	-2.00	-2.00	-0.69 InHg	6.92	1.51	750	0.53	0.80	11068
9716	25C1721-11	23800	-3.00	-4.00	-2.48 InHg	5.06	1.47	750	0.53	0.78	11069
9716	25C1721-12	49576	-7.00	-6.00	-7.16 InHg	4.95	1.76	750	0.53	0.94	11068
9716	25C1721-13	50306	-4.00	-2.00	-1.26 InHg	5.26	1.42	750	0.53	0.76	11068

Batch BD51611 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1721-03	50376	-8.00	-8.00	-7.61 InHg	5.30	1.82	400	1.00	1.82	11068
9716	25C1721-04	18299	-2.00	-1.00	-1.63 InHg	4.23	1.36	750	0.53	0.73	11069

Air Laboratory Batch Certfication Report
Canister Order No.(s): 9716

Cleaning Batch: 11055

Cert Run Analysis Date:	03/15/25 17:24	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/18/25	**Cert Run File:**	TV029716.D	**Heating Unit:**	3
Prep Date:	03/14/25 15:03	**Method Blank SN:**	50984	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1721-05	34497	6	-30.00	03/15/25 09:58	-30.00	03/18/25 14:42	NO	YES
25C1721-09	49981	6	-30.00	03/15/25 09:58	-30.00	03/18/25 14:42	NO	YES
QBS	49577	6	-30.00	03/15/25 09:58	-30.00	03/18/25 14:42	YES	YES

Cleaning Batch: 11068

Cert Run Analysis Date:	03/19/25 17:42	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/20/25	**Cert Run File:**	TV029831.D	**Heating Unit:**	2
Prep Date:	03/18/25 13:55	**Method Blank SN:**	50986	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1721-01	37000	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:45	NO	YES
25C1721-03	50376	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	NO	YES
25C1721-10	50305	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	NO	YES
25C1721-12	49576	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	NO	YES
25C1721-13	50306	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	NO	YES
QBS	50293	6	-30.00	03/19/25 09:50	-30.00	03/20/25 15:46	YES	YES

Cleaning Batch: 11069

Cert Run Analysis Date:	03/19/25 16:56	**Certification RunID:**	TO15_AIR3_BC50169	**Analyst:**	Madison
Certifiction Date:	03/20/25	**Cert Run File:**	TV029830.D	**Heating Unit:**	4
Prep Date:	03/18/25 14:15	**Method Blank SN:**	50986	**Cleaning Cycles:**	15

Can			Leak Check					
Lab#	**Serial #**	**Vol**	**InitalP**	**Date/Time**	**FinalP**	**Date/Time**	**Analyzed**	**Pass**
25C1721-02	24254	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
25C1721-04	18299	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
25C1721-06	34496	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
25C1721-07	50378	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
25C1721-08	52073	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
25C1721-11	23800	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	NO	YES
QBS	37793	6	-30.00	03/19/25 09:33	-30.00	03/20/25 15:40	YES	YES

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11055
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKQ
Analysis: VOA, TO15 MASTER

Can Serial No.: 49577
Analyst: YR
Analysis Date: 03/15/25 17:24
File Id: TV029716.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11055
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKQ
Analysis: VOA, TO15 MASTER

Can Serial No.: 49577
Analyst: YR
Analysis Date: 03/15/25 17:24
File Id: TV029716.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11055
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKQ
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 49577
Analyst: YR
Analysis Date: 03/15/25 17:24
File Id: TV029716.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031525\
Data File : TV029716.D
Acq On : 15 Mar 2025 05:24 pm
Operator : YR
Sample : BC50169-BLKQ
Misc : QBTO3070324A QBS11055
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

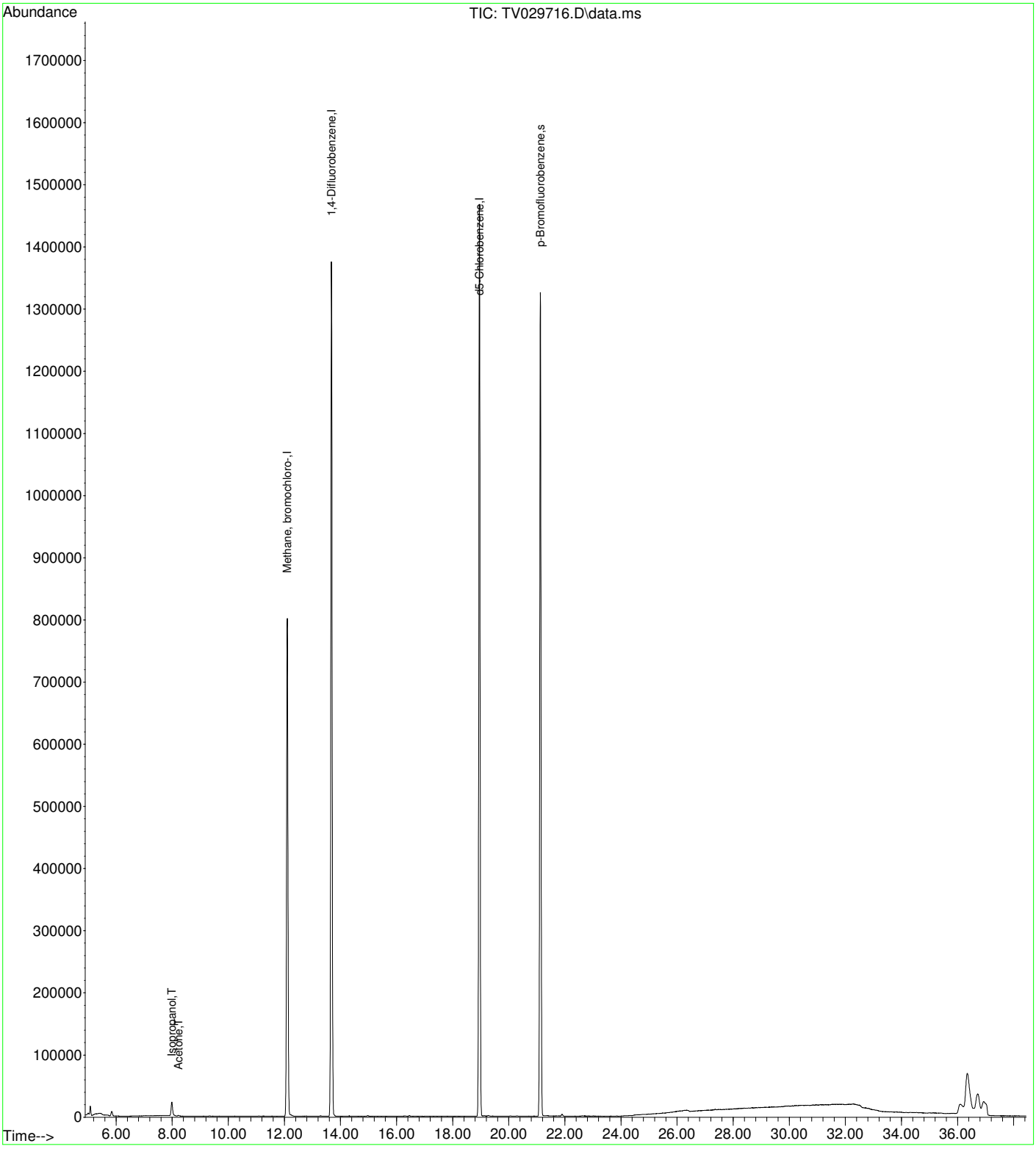
Quant Time: Mar 16 10:26:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

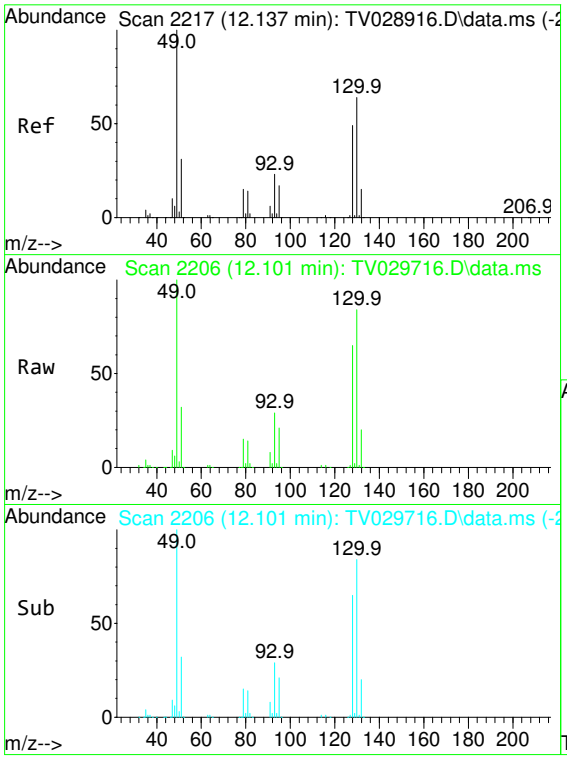
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	617033	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1965816	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.952	117	1570125	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.125	95	907768	0.32	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.20%#		
Target Compounds						Qvalue
13) Isopropanol	7.982	45	49686	0.45	ppbv	100
15) Acetone	8.221	43	2832	0.04	ppbv	85

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

Data Path : C:\MassHunter\GCMS\1\data\031525\
Data File : TV029716.D
Acq On : 15 Mar 2025 05:24 pm
Operator : YR
Sample : BC50169-BLKQ
Misc : QBTO3070324A QBS11055
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 16 10:26:16 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

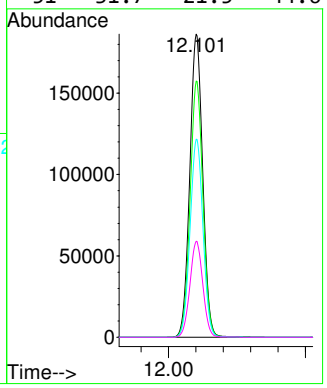


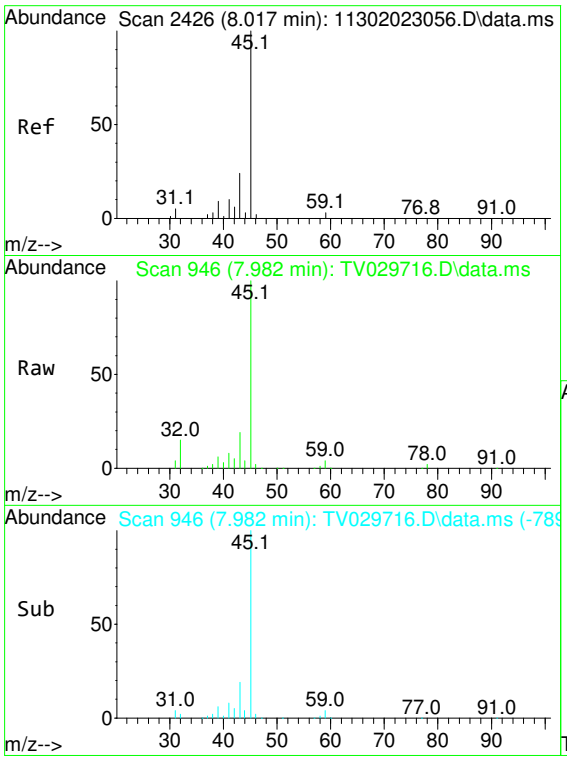


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 49 Resp: 617033

Ion	Ratio	Lower	Upper
49	100		
130	84.0	44.5	92.3
128	65.6	34.7	72.1
51	31.7	21.5	44.6

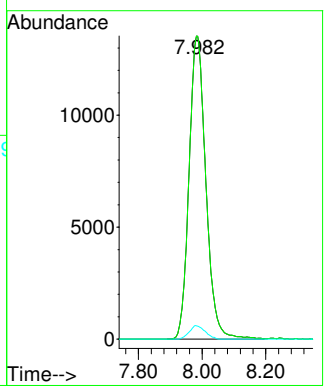


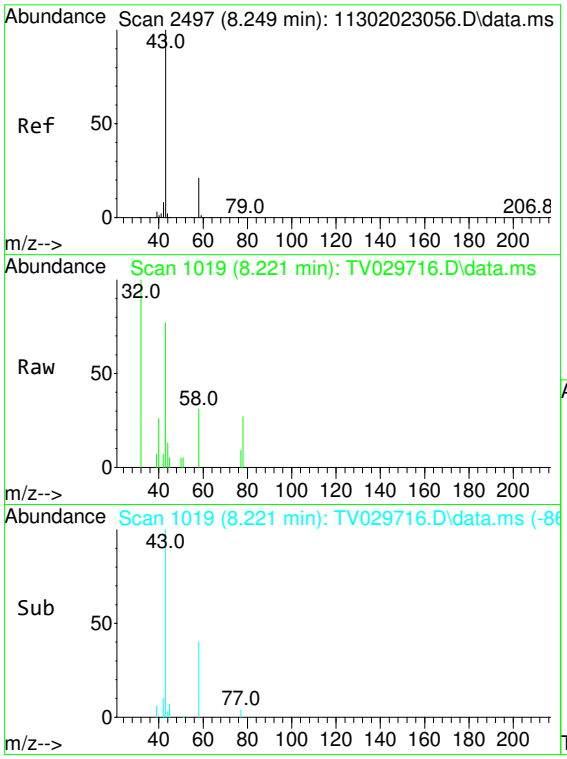


#13
Isopropanol
Concen: 0.45 ppbv
RT: 7.982 min Scan# 946
Delta R.T. 0.013 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 45 Resp: 49686

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.2	0.0	8.4

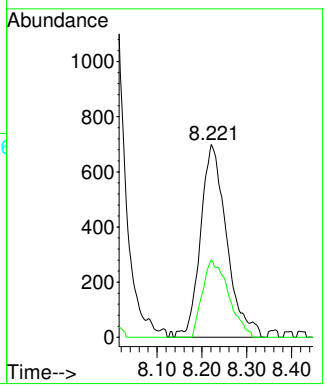


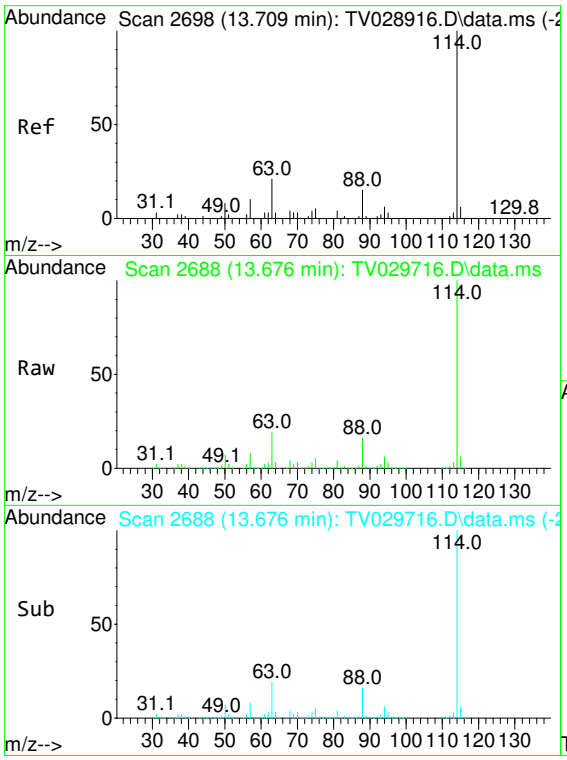


#15
Acetone
Concen: 0.04 ppbv
RT: 8.221 min Scan# 1019
Delta R.T. 0.020 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 43 Resp: 2832

Ion	Ratio	Lower	Upper
43	100		
58	40.0	20.7	42.9

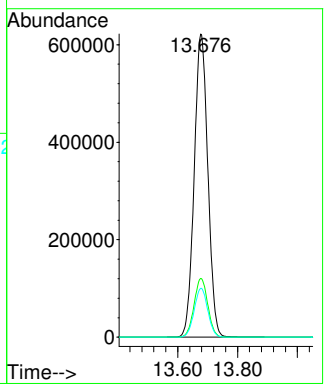


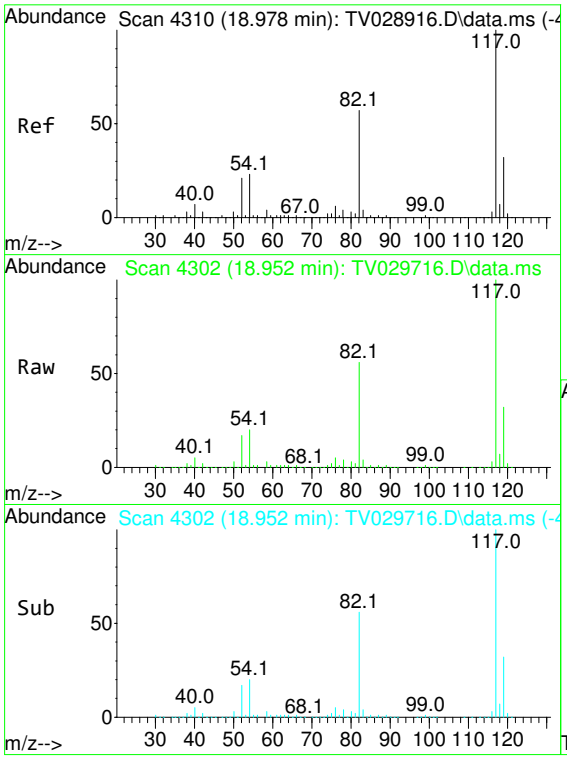


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion:114 Resp: 1965816

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.0	29.2
88	16.1	11.2	23.2

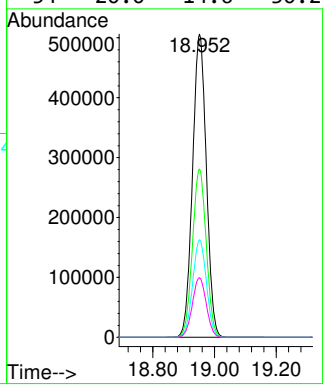


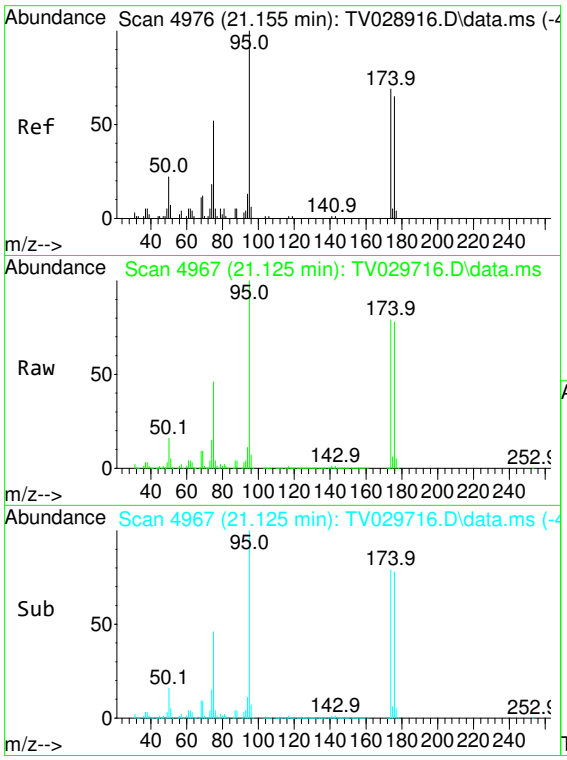


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.952 min Scan# 4302
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion:117 Resp: 1570125

Ion	Ratio	Lower	Upper
117	100		
82	55.5	38.7	80.5
119	32.3	20.3	42.3
54	20.0	14.6	30.2

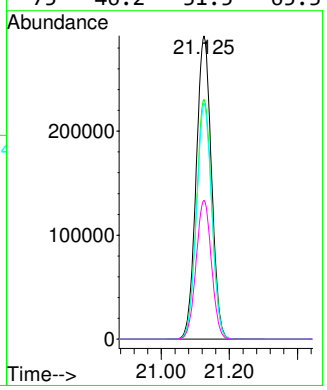




#66
p-Bromofluorobenzene
Concen: 0.32 ppbv
RT: 21.125 min Scan# 4967
Delta R.T. -0.010 min
Lab File: TV029716.D
Acq: 15 Mar 2025 05:24 pm

Tgt Ion: 95 Resp: 907768

Ion	Ratio	Lower	Upper
95	100		
174	79.6	50.0	103.8
176	77.3	48.2	100.2
75	46.2	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11068
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKT
Analysis: VOA, TO15 MASTER

Can Serial No.: 50293
Analyst: YR
Analysis Date: 03/19/25 17:42
File Id: TV029831.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11068
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKT
Analysis: VOA, TO15 MASTER

Can Serial No.: 50293
Analyst: YR
Analysis Date: 03/19/25 17:42
File Id: TV029831.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11068
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKT
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 50293
Analyst: YR
Analysis Date: 03/19/25 17:42
File Id: TV029831.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029831.D
Acq On : 19 Mar 2025 05:42 pm
Operator : YR
Sample : BC50169-BLKT
Misc : QBTO3070324A QBS 11068
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

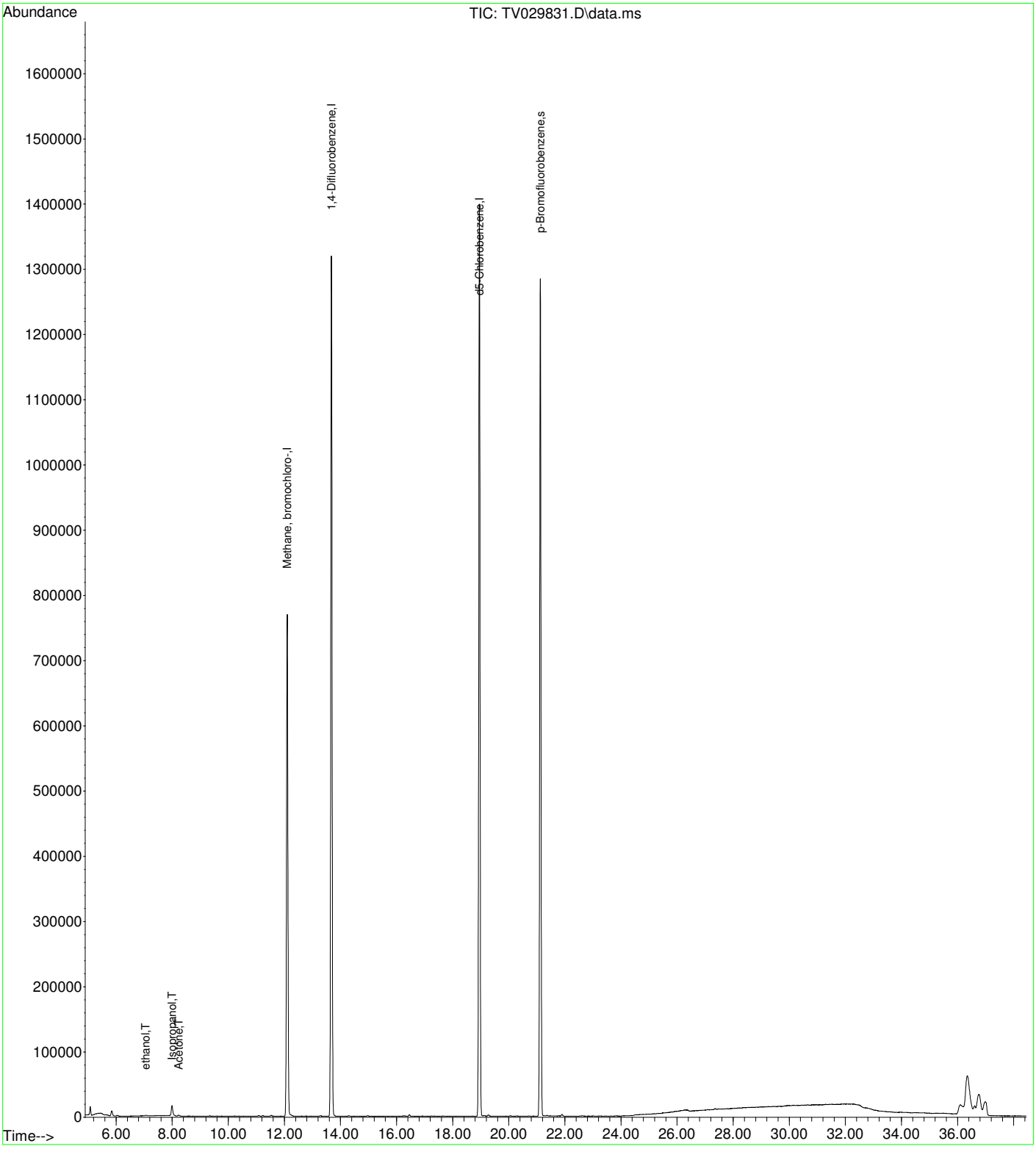
Quant Time: Mar 19 18:34:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

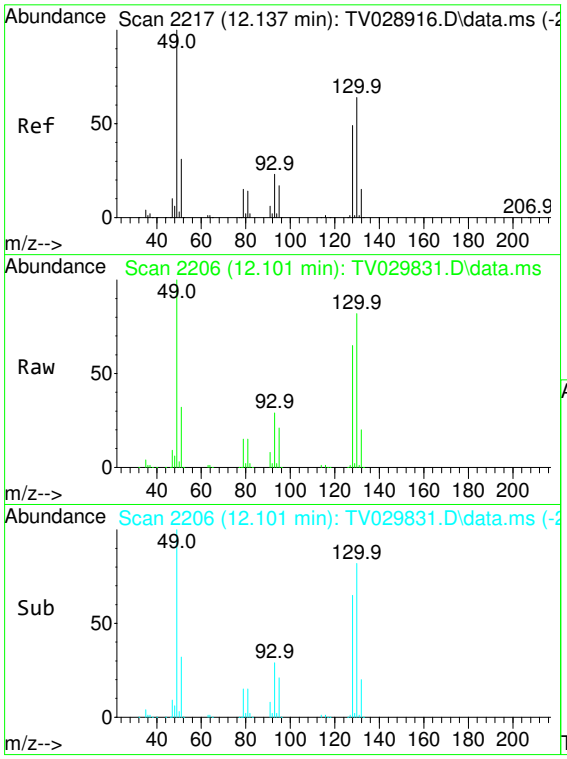
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	600414	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1865281	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.952	117	1479181	10.00	ppbv	0.00
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.122	95	882629	0.33	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.048	45	860	0.03	ppbv	# 27
13) Isopropanol	7.989	45	34627	0.32	ppbv	100
15) Acetone	8.224	43	3263	0.05	ppbv	# 59

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

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029831.D
Acq On : 19 Mar 2025 05:42 pm
Operator : YR
Sample : BC50169-BLKT
Misc : QBTO3070324A QBS 11068
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 19 18:34:27 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

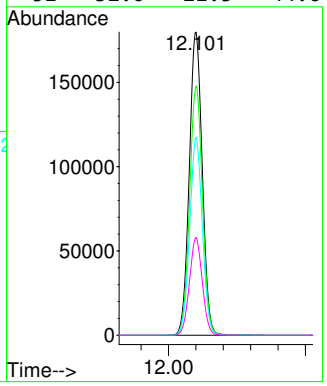


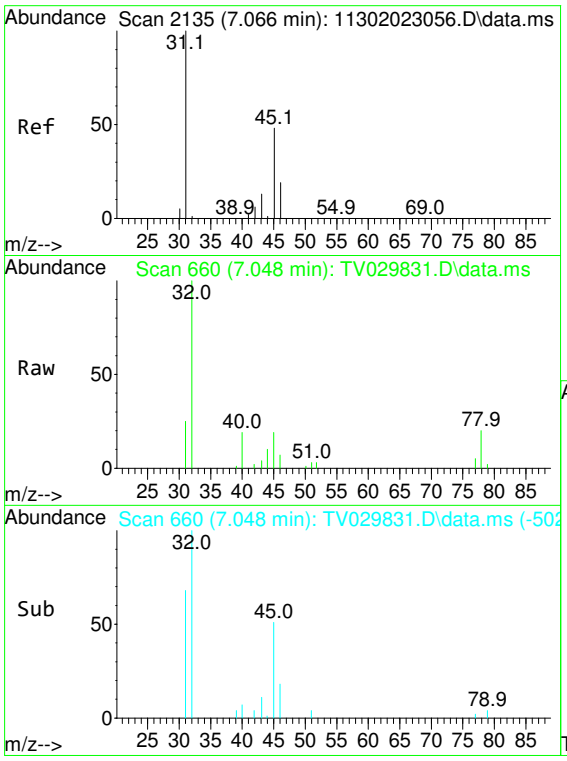


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 49 Resp: 600414

Ion	Ratio	Lower	Upper
49	100		
130	81.6	44.5	92.3
128	63.9	34.7	72.1
51	32.0	21.5	44.6

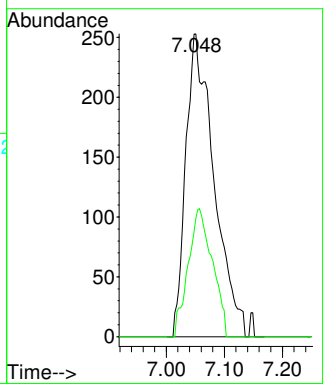


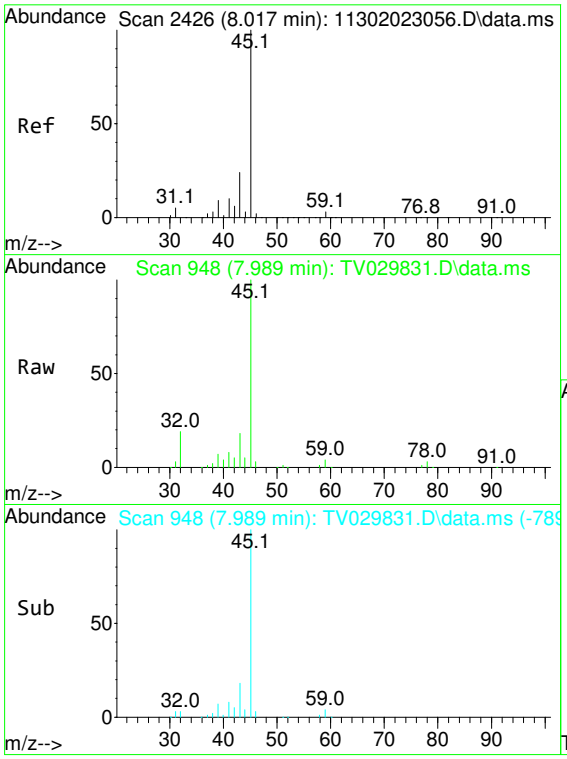


#10
ethanol
Concen: 0.03 ppbv
RT: 7.048 min Scan# 660
Delta R.T. 0.016 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 45 Resp: 860

Ion	Ratio	Lower	Upper
45	100		
46	0.0	40.0	60.0#

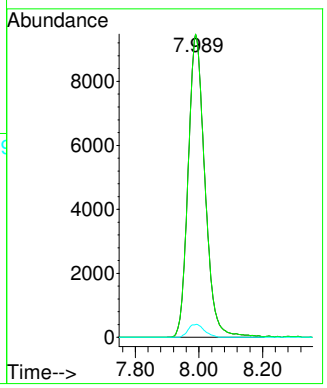


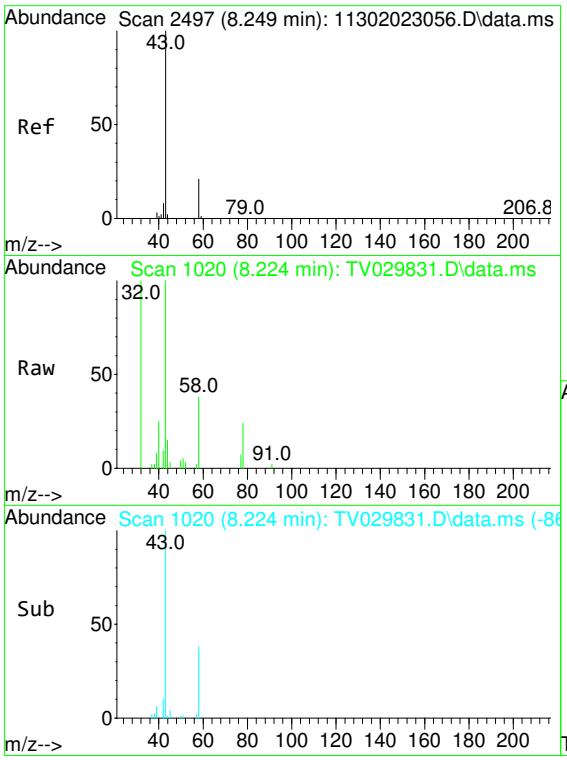


#13
Isopropanol
Concen: 0.32 ppbv
RT: 7.989 min Scan# 948
Delta R.T. 0.020 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 45 Resp: 34627

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.2	0.0	8.4

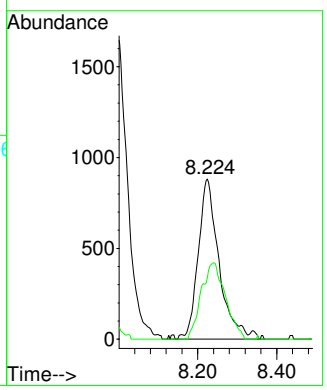


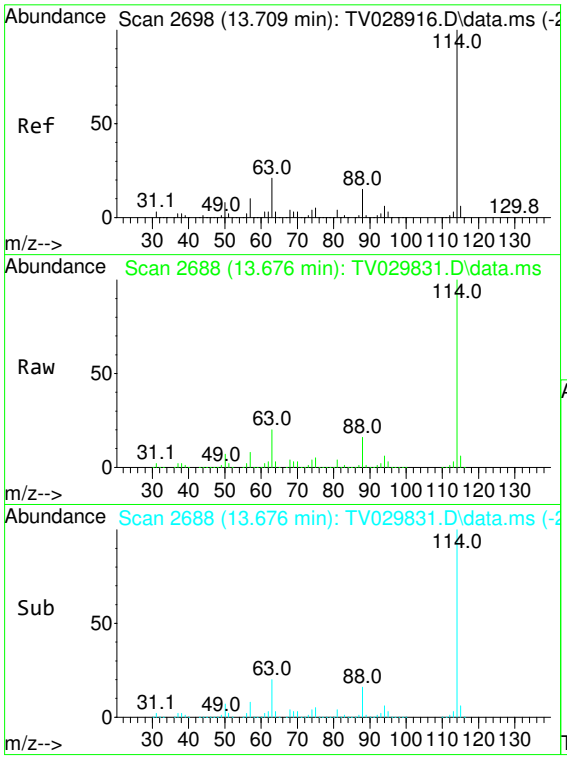


#15
Acetone
Concen: 0.05 ppbv
RT: 8.224 min Scan# 1020
Delta R.T. 0.023 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 43 Resp: 3263

Ion	Ratio	Lower	Upper
43	100		
58	54.8	20.7	42.9#

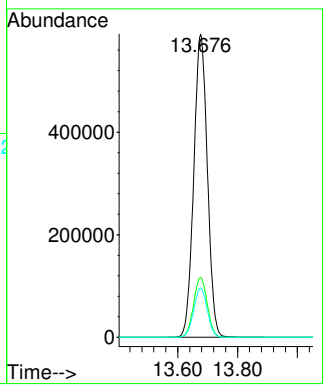


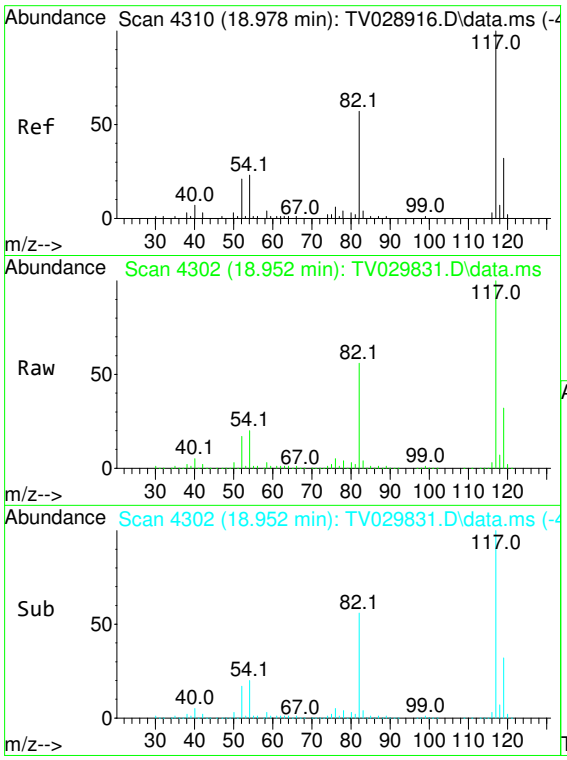


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion:114 Resp: 1865281

Ion	Ratio	Lower	Upper
114	100		
63	19.9	14.0	29.2
88	16.2	11.2	23.2

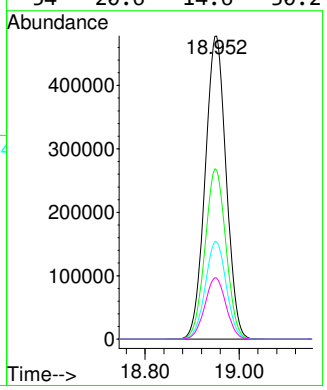


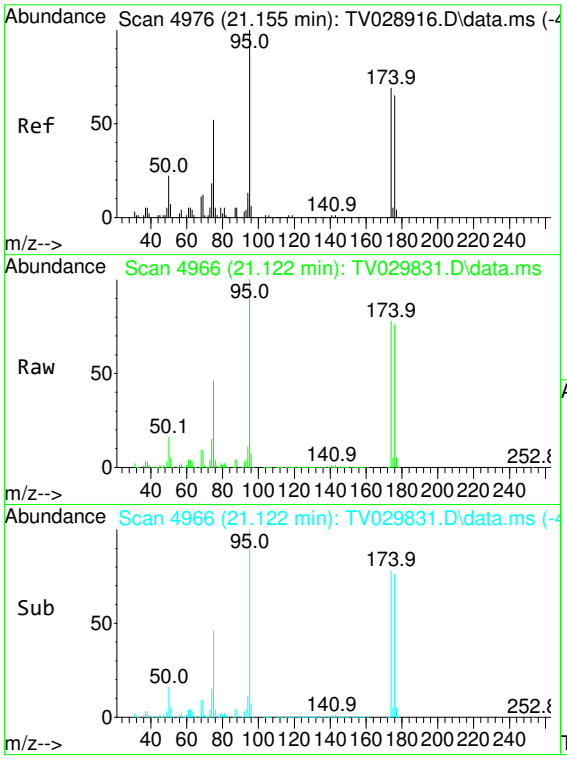


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.952 min Scan# 4302
Delta R.T. -0.010 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion:117 Resp: 1479181

Ion	Ratio	Lower	Upper
117	100		
82	56.1	38.7	80.5
119	32.3	20.3	42.3
54	20.6	14.6	30.2

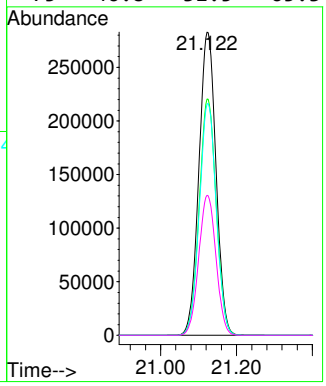




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.122 min Scan# 4966
Delta R.T. -0.013 min
Lab File: TV029831.D
Acq: 19 Mar 2025 05:42 pm

Tgt Ion: 95 Resp: 882629

Ion	Ratio	Lower	Upper
95	100		
174	77.7	50.0	103.8
176	75.7	48.2	100.2
75	46.8	31.5	65.3



Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: VOA, TO15 MASTER

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.05	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: VOA, TO15 MASTER

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
p-Isopropyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Analysis: Volatile Organics, EPA TO15 Full List

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.30	ppbv
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.20	ppbv
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05	ppbv
2-Butanone	ND	ppbv	ND	ug/m3	0.10	ppbv
2-Hexanone	ND	ppbv	ND	ug/m3	0.20	ppbv
3-Chloropropene	ND	ppbv	ND	ug/m3	0.50	ppbv
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.10	ppbv
Acetone	ND	ppbv	ND	ug/m3	0.80	ppbv
Acrylonitrile	ND	ppbv	ND	ug/m3	1.30	ppbv
Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv

Air Laboratory QBS Report

Canister Order No.(s): 9716

Cert Batch No.: 11069
Lims Batch ID: BC50169
Instrument: TO15_AIR3
File Id: BC50169-BLKS
Analysis: Volatile Organics, EPA TO15 Full List

Can Serial No.: 37793
Analyst: YR
Analysis Date: 03/19/25 16:56
File Id: TV029830.D

Analyte	Result	Units	Result wt/Vol	wt/Vol units	MRL	Units
Benzyl chloride	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromoform	ND	ppbv	ND	ug/m3	0.10	ppbv
Bromomethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon disulfide	ND	ppbv	ND	ug/m3	0.10	ppbv
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.03	ppbv
Chlorobenzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloroform	ND	ppbv	ND	ug/m3	0.10	ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Cyclohexane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.10	ppbv
Ethyl acetate	ND	ppbv	ND	ug/m3	0.20	ppbv
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.10	ppbv
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.10	ppbv
Isopropanol	ND	ppbv	ND	ug/m3	0.60	ppbv
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.10	ppbv
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.10	ppbv
Methylene chloride	ND	ppbv	ND	ug/m3	0.60	ppbv
Naphthalene	ND	ppbv	ND	ug/m3	0.20	ppbv
n-Heptane	ND	ppbv	ND	ug/m3	0.10	ppbv
n-Hexane	ND	ppbv	ND	ug/m3	0.10	ppbv
o-Xylene	ND	ppbv	ND	ug/m3	0.10	ppbv
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.20	ppbv
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.10	ppbv
Propylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Styrene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.20	ppbv
Toluene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.10	ppbv
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.10	ppbv
Trichloroethylene	ND	ppbv	ND	ug/m3	0.03	ppbv
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl acetate	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl bromide	ND	ppbv	ND	ug/m3	0.10	ppbv
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029830.D
Acq On : 19 Mar 2025 04:56 pm
Operator : YR
Sample : BC50169-BLKS
Misc : QBTO3070324A QBS 11069
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

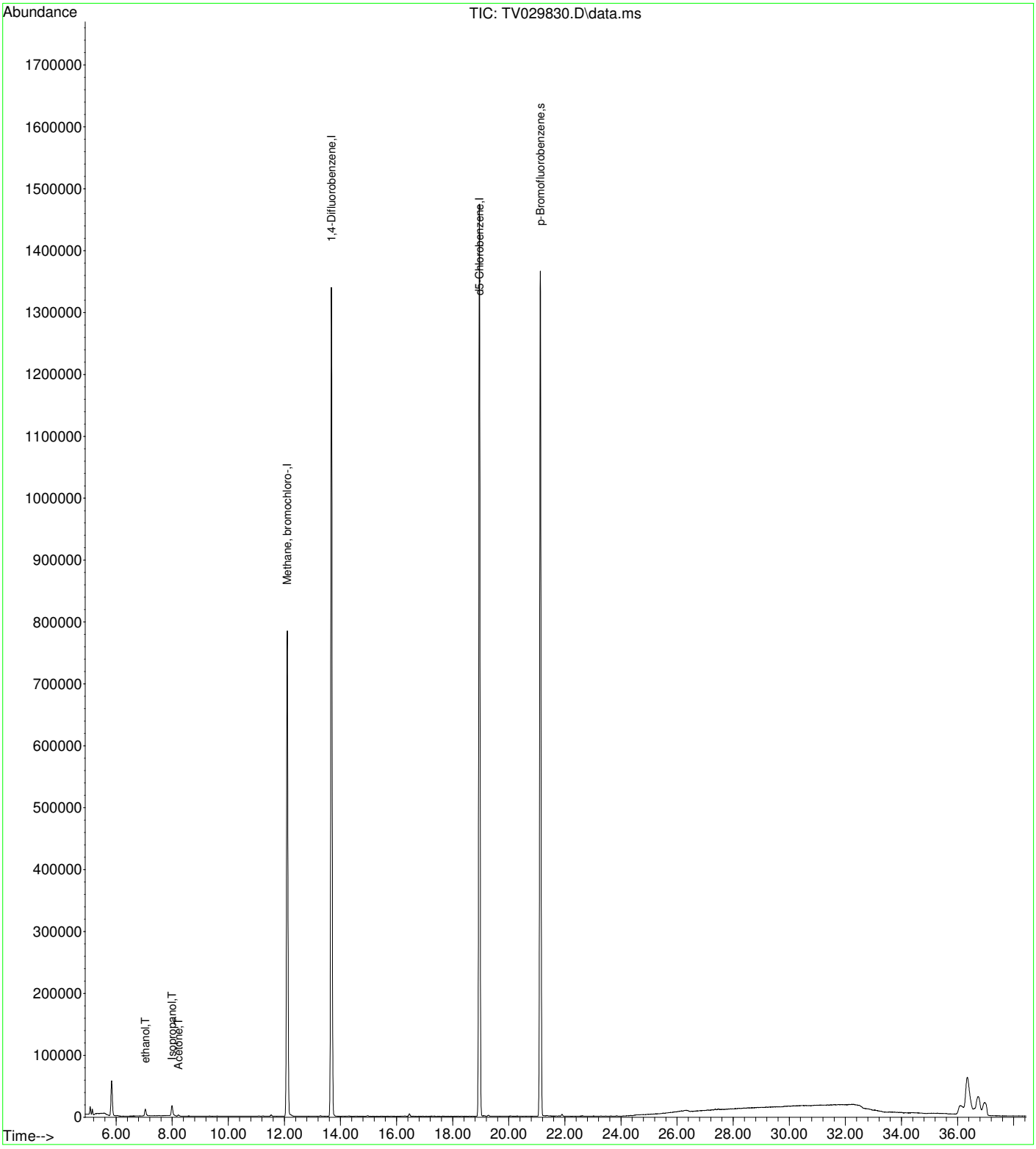
Quant Time: Mar 19 18:33:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

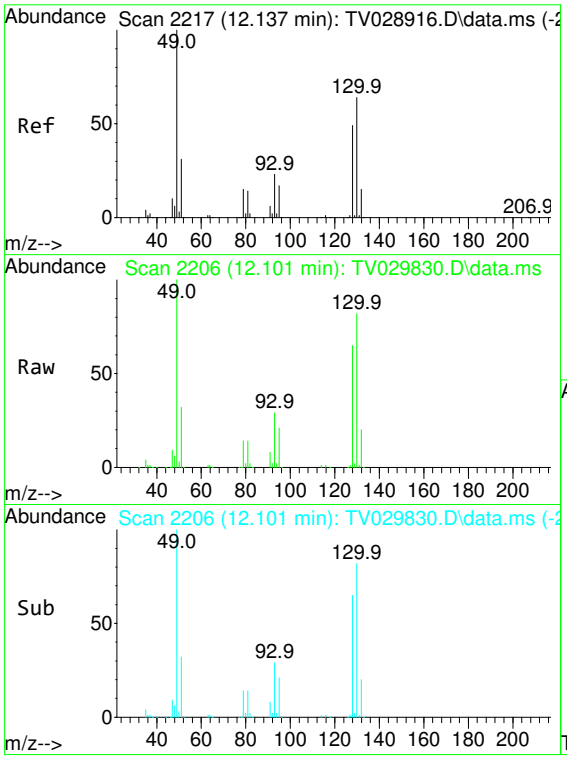
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	12.101	49	616263	10.00	ppbv	-0.01
39) 1,4-Difluorobenzene	13.676	114	1888873	10.00	ppbv	-0.01
55) d5-Chlorobenzene	18.948	117	1554844	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	21.122	95	948291	0.33	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	3.30%#		
Target Compounds						Qvalue
10) ethanol	7.041	45	11747	0.45	ppbv	89
13) Isopropanol	7.989	45	37820	0.34	ppbv	100
15) Acetone	8.217	43	4505	0.06	ppbv	89

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

Data Path : C:\MassHunter\GCMS\1\data\031925\
Data File : TV029830.D
Acq On : 19 Mar 2025 04:56 pm
Operator : YR
Sample : BC50169-BLKS
Misc : QBTO3070324A QBS 11069
ALS Vial : 1 Sample Multiplier: 1
InstName : TO15_AIR3

Quant Time: Mar 19 18:33:59 2025
Quant Method : C:\MassHunter\GCMS\1\methods\AIR-3-013.M
Quant Title : TO15 VOC Analysis
QLast Update : Thu Feb 27 14:27:49 2025
Response via : Initial Calibration

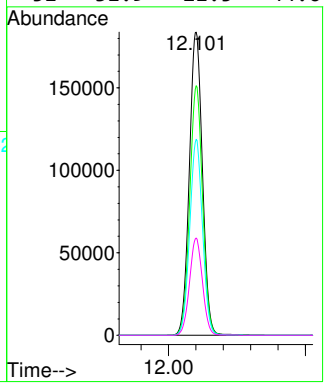


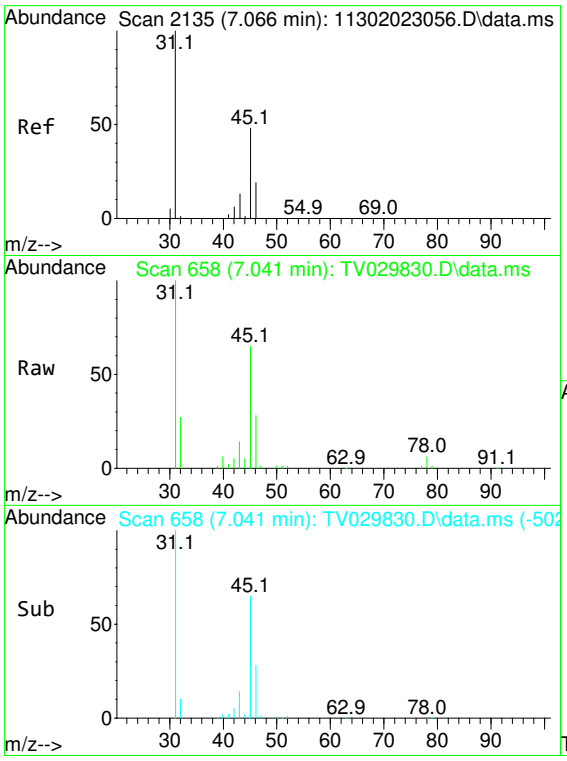


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 12.101 min Scan# 2206
Delta R.T. -0.010 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 49 Resp: 616263

Ion	Ratio	Lower	Upper
49	100		
130	81.1	44.5	92.3
128	63.3	34.7	72.1
51	31.9	21.5	44.6

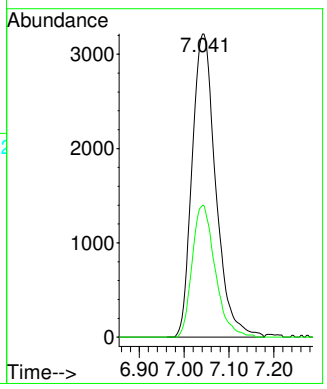


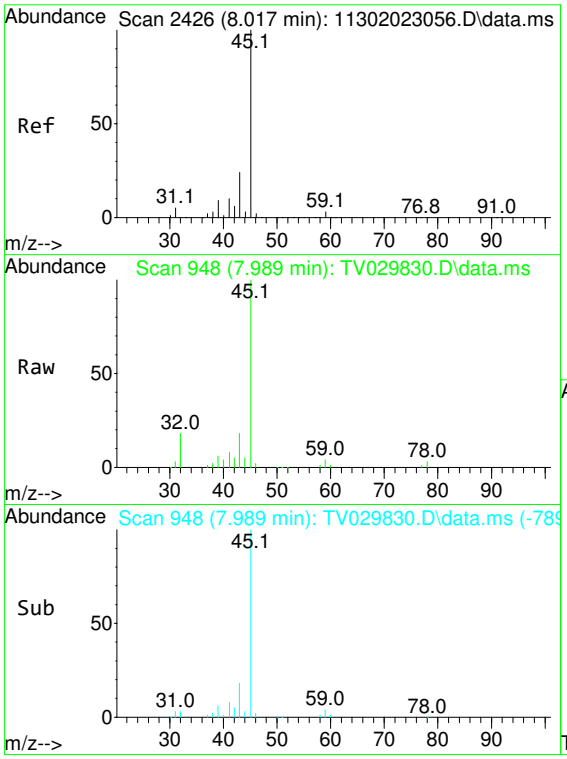


#10
ethanol
Concen: 0.45 ppbv
RT: 7.041 min Scan# 658
Delta R.T. 0.010 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 45 Resp: 11747

Ion	Ratio	Lower	Upper
45	100		
46	42.3	40.0	60.0

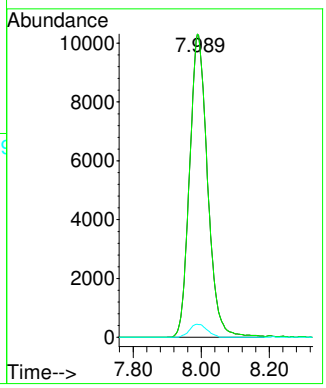


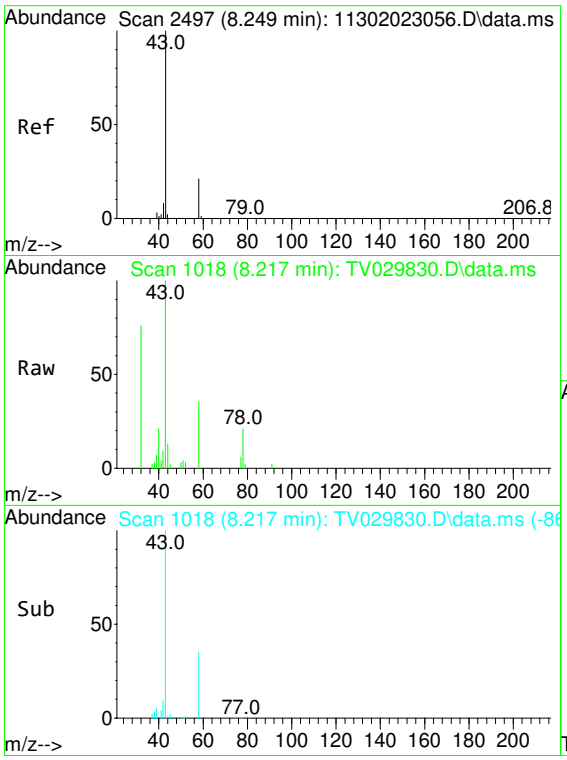


#13
Isopropanol
Concen: 0.34 ppbv
RT: 7.989 min Scan# 948
Delta R.T. 0.019 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 45 Resp: 37820

Ion	Ratio	Lower	Upper
45	100		
45	100.0	65.0	135.0
59	4.3	0.0	8.4

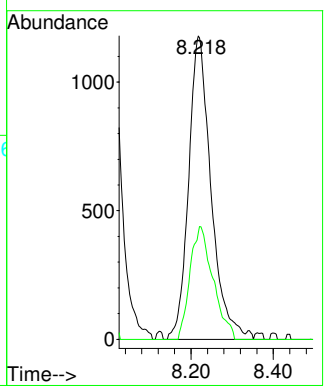


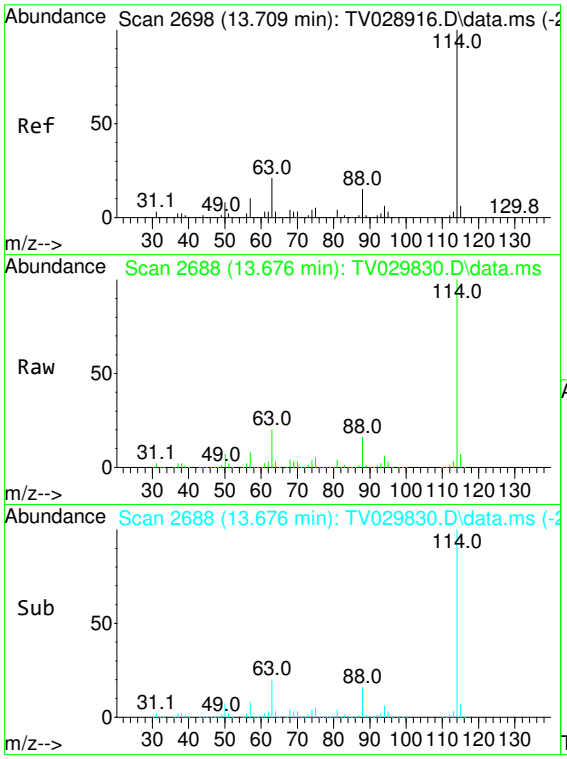


#15
Acetone
Concen: 0.06 ppbv
RT: 8.217 min Scan# 1018
Delta R.T. 0.016 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 43 Resp: 4505

Ion	Ratio	Lower	Upper
43	100		
58	37.7	20.7	42.9

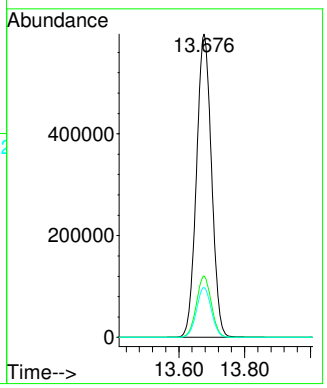


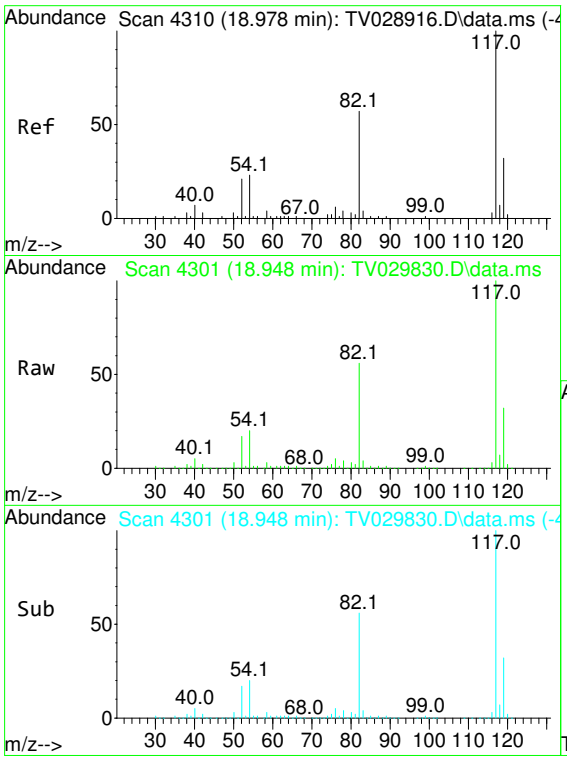


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.676 min Scan# 2688
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion:114 Resp: 1888873

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.0	29.2
88	16.2	11.2	23.2

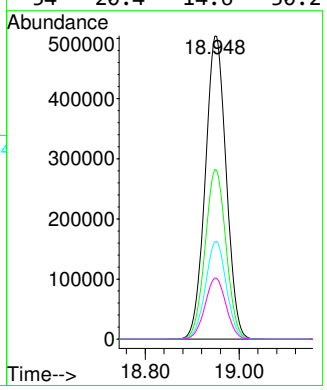


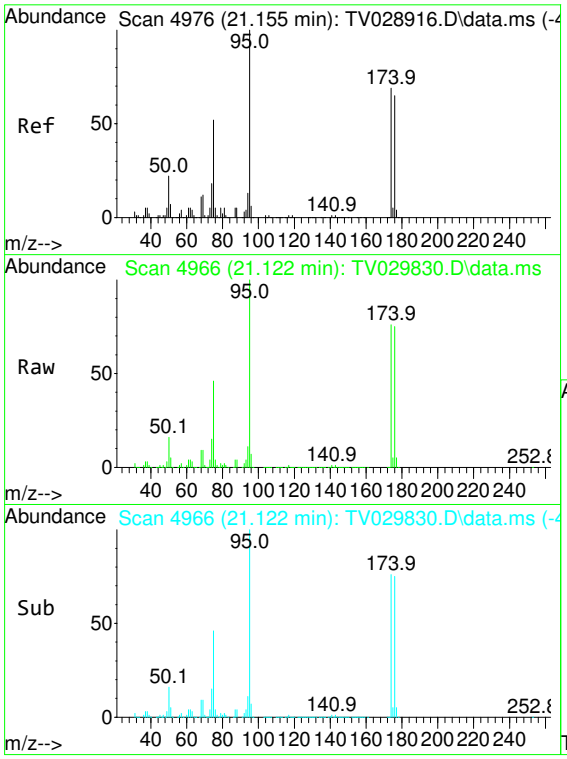


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.948 min Scan# 4301
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion:117 Resp: 1554844

Ion	Ratio	Lower	Upper
117	100		
82	56.2	38.7	80.5
119	32.2	20.3	42.3
54	20.4	14.6	30.2

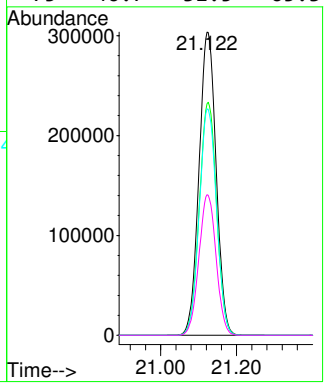




#66
p-Bromofluorobenzene
Concen: 0.33 ppbv
RT: 21.122 min Scan# 4966
Delta R.T. -0.013 min
Lab File: TV029830.D
Acq: 19 Mar 2025 04:56 pm

Tgt Ion: 95 Resp: 948291

Ion	Ratio	Lower	Upper
95	100		
174	77.5	50.0	103.8
176	75.3	48.2	100.2
75	46.7	31.5	65.3



Appendix E

Data Usability Summary Reports (DUSRs)

DATA USABILITY SUMMARY REPORT (DUSR)

Project # 20240302

SDG: 25C1716
6 Air Samples

Prepared for:

PVE, LLC
25 W. 39th Street, 12th Floor
New York, NY 10018
Attention: Sam Ambrose

May 2025

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

REVIEWER'S NARRATIVE
PVE, LLC SDG 25C1716 Project # 20240302

The data associated with this Sample Delivery Group (SDG) 25C1716, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/3/2025

Michael K. Perry
Chemist

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4.0	GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA	2
5.0	DATA VALIDATION QUALIFIERS	3
6.0	RESULTS OF THE DATA REVIEW	4
7.0	TOTAL USABLE DATA	4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 TO-15 VOCs

1.0 EVENT SUMMARY

SITE:	Project #: 202400302
SAMPLING DATE:	March 26, 2025
SAMPLE TYPE:	6 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	25C1716

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 6 air samples collected on March 26, 2025. These samples were analyzed for TO-15 Volatile Organic Compounds.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 25C1716. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Table 6-1. This table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 25C1716, 6 samples were analyzed and results were reported for 414 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
AI-13 20250326	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene o-Xylene p-Ethyltoluene Tetrachloroethene	J detects	% D for Duplicate analysis > 25 %	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1716

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 27, 2025 and listed below. The project was identified as your project: **20240302**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25C1716-01	AI-8 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-02	AI-9 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-03	AI-10 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-04	AI-11 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-05	AI-12 20250326	Indoor Ambient Air	03/26/2025	03/27/2025
25C1716-06	AI-13 20250326	Indoor Ambient Air	03/26/2025	03/27/2025

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1716

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAM AMBROSE	Company: SAME	20240302	RUSH - Next Day
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, N.Y. 12603	Address: SAME	Address: SAME	YOUR Project Name: 20240302	RUSH - Two Day
Phone: 845-454-2544	Phone:	Phone:		RUSH - Three Day
Contact: A.SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240302	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes: AI - Indoor Ambient Air; AO - Outdoor Amb. Air; AE - Vapor Extraction Well/ Process Gas/Effluent; AS - Soil Vapor/Sub-Slab

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): (Summary Report); QA Report; NY ASP A Package; (NY ASP B Package); Other: — CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP — Standard Excel EDD; EQuIS (Standard); (NYSDEC EQuIS); NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-8 20250326	03-26-25 1148	AI	-30"	-8"	48303	20416	VOCs VIA USEPA METHOD TO-15 SIM
AI-9 20250326	1147	AI	-30"	-6"	24058	19384	
AI-10 20250326	1151	AI	-30"	-14"	28314	19396	
AI-11 20250326	1151	AI	-30"	-8"	37794	20232	
AI-12 20250326	1154	AI	-30"	-8"	42997	20458	
AI-13 20250326	1155	AI	-30"	-6"	24163	20436	

Comments:

Detection Limits Required: ≤ 1 ug/m³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___

Sampling Media: 6 Liter Canister; Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	03-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

DATA PACKAGE

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1716

Client: PVE, LLC. Project: 20240302

Sample Information

Client Sample ID: **AI-8 20250326** **York Sample ID:** **25C1716-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.61	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.68	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.49	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.66	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.57		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.62	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.59	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.54	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.67		ug/m³	0.21	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
78-93-3	**2-Butanone**	2.2		ug/m³	0.26	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.73	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
67-64-1	**Acetone**	55		ug/m³	1.7	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
107-13-1	**Acrylonitrile**	41		ug/m³	2.5	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
71-43-2	**Benzene**	1.2		ug/m³	0.28	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.60	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-25-2	Bromoform	ND		ug/m³	0.92	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
56-23-5	**Carbon tetrachloride**	0.45		ug/m³	0.14	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.41	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR

Sample Information

Client Sample ID: **AI-8 20250326** **York Sample ID:** **25C1716-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:48 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.3		ug/m³	0.43	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-87-3	**Chloromethane**	1.5		ug/m³	0.18	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.088	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.76	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
141-78-6	*** Ethyl acetate**	21		ug/m³	0.64	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-41-4	**Ethyl Benzene**	0.66		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.95	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
67-63-0	**Isopropanol**	170	TO-IPA, E	ug/m³	1.3	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
91-20-3	* Naphthalene	ND		ug/m³	0.93	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
142-82-5	**n-Heptane**	1.3		ug/m³	0.36	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
110-54-3	**n-Hexane**	0.60		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
95-47-6	**o-Xylene**	0.66		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
179601-23-1	**p- & m- Xylenes**	1.7		ug/m³	0.77	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
622-96-8	*** p-Ethyltoluene**	0.44		ug/m³	0.44	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
100-42-5	**Styrene**	0.80		ug/m³	0.38	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.60	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
109-99-9	*** Tetrahydrofuran**	0.58		ug/m³	0.52	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-88-3	**Toluene**	5.0		ug/m³	0.34	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.50	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.89	EPA TO-15	04/08/2025 08:00	04/08/2025 16:40	YR
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*95.6 %*			*60-140*					

Sample Information

Client Sample ID: **AI-9 20250326** **York Sample ID:** **25C1716-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.59	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.66	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.64	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.66	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.60	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.57	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.52	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.56		ug/m³	0.20	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
78-93-3	**2-Butanone**	1.9		ug/m³	0.25	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
67-64-1	**Acetone**	14		ug/m³	1.6	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.4	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
71-43-2	**Benzene**	0.63		ug/m³	0.28	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-25-2	Bromoform	ND		ug/m³	0.89	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-83-9	Bromomethane	ND		ug/m³	0.33	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
56-23-5	**Carbon tetrachloride**	0.38		ug/m³	0.14	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR

Sample Information

Client Sample ID: **AI-9 20250326** **York Sample ID:** **25C1716-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:47 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.18	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.085	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.73	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.43	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
141-78-6	*** Ethyl acetate**	9.5		ug/m³	0.62	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-41-4	**Ethyl Benzene**	0.41		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.92	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
67-63-0	**Isopropanol**	5.1		ug/m³	1.3	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
91-20-3	* Naphthalene	ND		ug/m³	0.90	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
142-82-5	**n-Heptane**	2.4		ug/m³	0.35	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
110-54-3	**n-Hexane**	0.49		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
95-47-6	**o-Xylene**	0.37		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.75	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.42	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
100-42-5	Styrene	ND		ug/m³	0.37	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.58	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
109-99-9	*** Tetrahydrofuran**	1.2		ug/m³	0.51	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-88-3	**Toluene**	4.2		ug/m³	0.32	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.48	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.30	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.862	EPA TO-15	04/08/2025 08:00	04/08/2025 17:45	YR
74-97-5	*Internal Standard: Bromochloromethan*	*104 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*94.2 %*			*60-140*					

Sample Information

Client Sample ID: **AI-10 20250326** **York Sample ID:** **25C1716-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.91	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.73	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.99	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.93	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.88	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.80	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.96	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.31	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
78-93-3	**2-Butanone**	1.6		ug/m³	0.39	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
67-64-1	**Acetone**	30		ug/m³	2.5	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.7	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
71-43-2	**Benzene**	0.51		ug/m³	0.42	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.69	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.89	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-83-9	Bromomethane	ND		ug/m³	0.52	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.41	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
56-23-5	**Carbon tetrachloride**	0.50		ug/m³	0.21	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.61	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-00-3	Chloroethane	ND		ug/m³	0.35	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR

Sample Information

Client Sample ID: **AI-10 20250326** **York Sample ID:** **25C1716-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.9		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-87-3	**Chloromethane**	1.5		ug/m³	0.27	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.13	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
110-82-7	Cyclohexane	ND		ug/m³	0.46	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.66	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
141-78-6	*** Ethyl acetate**	6.4		ug/m³	0.96	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
67-63-0	**Isopropanol**	25		ug/m³	2.0	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.48	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-09-2	Methylene chloride	ND		ug/m³	2.8	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
91-20-3	* Naphthalene	ND		ug/m³	1.4	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
142-82-5	**n-Heptane**	0.93		ug/m³	0.54	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
110-54-3	n-Hexane	ND		ug/m³	0.47	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
95-47-6	o-Xylene	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.2	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.65	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
115-07-1	* Propylene	ND		ug/m³	0.23	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
100-42-5	Styrene	ND		ug/m³	0.57	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.90	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.78	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-88-3	**Toluene**	2.5		ug/m³	0.50	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.53	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.60	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.18	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.75	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.47	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.58	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	1.329	EPA TO-15	04/08/2025 08:00	04/08/2025 18:50	YR
74-97-5	*Internal Standard: Bromochloromethan*	*101 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*101 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*97.6 %*			*60-140*					

Sample Information

Client Sample ID: AI-11 20250326 **York Sample ID: 25C1716-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.67	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.45		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.63	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.60	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.65	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
540-84-1	*** 2,2,4-Trimethylpentane**	0.51		ug/m³	0.21	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
78-93-3	**2-Butanone**	1.8		ug/m³	0.27	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.74	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
67-64-1	**Acetone**	28		ug/m³	1.7	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
71-43-2	**Benzene**	0.61		ug/m³	0.29	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.47	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-25-2	Bromoform	ND		ug/m³	0.94	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-83-9	Bromomethane	ND		ug/m³	0.35	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
56-23-5	**Carbon tetrachloride**	0.40		ug/m³	0.14	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-00-3	Chloroethane	ND		ug/m³	0.24	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR

Sample Information

Client Sample ID: **AI-11 20250326** **York Sample ID:** **25C1716-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:51 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.44	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-87-3	**Chloromethane**	1.3		ug/m³	0.19	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.090	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
110-82-7	Cyclohexane	ND		ug/m³	0.31	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.77	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
141-78-6	*** Ethyl acetate**	4.8		ug/m³	0.65	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-41-4	**Ethyl Benzene**	0.55		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.97	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
67-63-0	**Isopropanol**	6.8		ug/m³	1.3	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-09-2	Methylene chloride	ND		ug/m³	1.9	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
91-20-3	* Naphthalene	ND		ug/m³	0.95	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
142-82-5	**n-Heptane**	2.4		ug/m³	0.37	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
110-54-3	**n-Hexane**	0.51		ug/m³	0.32	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
95-47-6	**o-Xylene**	0.59		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
179601-23-1	**p- & m- Xylenes**	1.4		ug/m³	0.79	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.45	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
115-07-1	* Propylene	ND		ug/m³	0.16	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
100-42-5	Styrene	ND		ug/m³	0.39	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.62	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
109-99-9	*** Tetrahydrofuran**	1.2		ug/m³	0.54	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-88-3	**Toluene**	4.2		ug/m³	0.34	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.2		ug/m³	0.51	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.908	EPA TO-15	04/08/2025 08:00	04/08/2025 19:54	YR
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*105 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*					

Sample Information

Client Sample ID: **AI-12 20250326** **York Sample ID:** **25C1716-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.66	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.73	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.52	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.71	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-63-6	**1,2,4-Trimethylbenzene**	0.61		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.74	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.67	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.64	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
106-46-7	**1,4-Dichlorobenzene**	0.81		ug/m³	0.58	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.69	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.22	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
78-93-3	**2-Butanone**	2.1		ug/m³	0.28	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.78	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
67-64-1	**Acetone**	59		ug/m³	1.8	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
107-13-1	Acrylonitrile	ND		ug/m³	2.7	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
71-43-2	**Benzene**	0.52		ug/m³	0.31	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.50	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.64	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-25-2	Bromoform	ND		ug/m³	0.99	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-83-9	Bromomethane	ND		ug/m³	0.37	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
56-23-5	**Carbon tetrachloride**	0.42		ug/m³	0.15	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.44	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-00-3	Chloroethane	ND		ug/m³	0.25	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR

Sample Information

Client Sample ID: **AI-12 20250326** **York Sample ID:** **25C1716-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:54 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-66-3	**Chloroform**	1.2		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-87-3	**Chloromethane**	1.4		ug/m³	0.20	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.095	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
110-82-7	Cyclohexane	ND		ug/m³	0.33	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
141-78-6	*** Ethyl acetate**	6.2		ug/m³	0.69	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
67-63-0	**Isopropanol**	52		ug/m³	1.4	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
91-20-3	* Naphthalene	ND		ug/m³	1.0	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
142-82-5	**n-Heptane**	1.8		ug/m³	0.39	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
110-54-3	**n-Hexane**	0.41		ug/m³	0.34	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
95-47-6	**o-Xylene**	0.46		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.83	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.47	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
115-07-1	* Propylene	ND		ug/m³	0.16	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
100-42-5	**Styrene**	0.86		ug/m³	0.41	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.65	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
109-99-9	*** Tetrahydrofuran**	1.0		ug/m³	0.57	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-88-3	**Toluene**	4.5		ug/m³	0.36	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.38	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.43	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.54	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.42	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.958	EPA TO-15	04/08/2025 08:00	04/08/2025 20:58	YR
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*					
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*99.1 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*					

Sample Information

Client Sample ID: **AI-13 20250326** **York Sample ID:** **25C1716-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.60	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.67		ug/m³	0.67	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.65	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
95-63-6	**1,2,4-Trimethylbenzene**	8.9		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	J
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
108-67-8	**1,3,5-Trimethylbenzene**	3.0		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	J
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
106-46-7	**1,4-Dichlorobenzene**	0.58		ug/m³	0.52	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.53		ug/m³	0.20	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
78-93-3	**2-Butanone**	1.9		ug/m³	0.26	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
67-64-1	**Acetone**	22		ug/m³	1.7	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
107-13-1	Acrylonitrile	ND		ug/m³	2.5	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
71-43-2	**Benzene**	1.3		ug/m³	0.28	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-25-2	Bromoform	ND		ug/m³	0.90	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
74-83-9	Bromomethane	ND		ug/m³	0.34	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
56-23-5	**Carbon tetrachloride**	0.55		ug/m³	0.14	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-00-3	Chloroethane	ND		ug/m³	0.23	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-13 20250326** **York Sample ID:** **25C1716-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1716	20240302	Indoor Ambient Air	March 26, 2025 11:55 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
67-66-3	Chloroform	ND		ug/m³	0.42	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
74-87-3	**Chloromethane**	1.8		ug/m³	0.18	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.086	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-71-8	**Dichlorodifluoromethane**	3.1		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
141-78-6	*** Ethyl acetate**	4.2		ug/m³	0.63	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
100-41-4	**Ethyl Benzene**	0.45		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.93	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
67-63-0	**Isopropanol**	12		ug/m³	1.3	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
91-20-3	* Naphthalene	ND		ug/m³	0.91	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
142-82-5	**n-Heptane**	1.5		ug/m³	0.36	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
110-54-3	**n-Hexane**	0.77		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
95-47-6	**o-Xylene**	0.76		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	J
179601-23-1	**p- & m- Xylenes**	1.6		ug/m³	0.76	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
622-96-8	*** p-Ethyltoluene**	9.3		ug/m³	0.43	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	J
115-07-1	* Propylene	ND		ug/m³	0.15	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
100-42-5	Styrene	ND		ug/m³	0.37	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
127-18-4	**Tetrachloroethylene**	1.1		ug/m³	0.59	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	J
109-99-9	*** Tetrahydrofuran**	1.3		ug/m³	0.51	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
108-88-3	**Toluene**	5.0		ug/m³	0.33	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.6		ug/m³	0.49	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.87	EPA TO-15	04/08/2025 08:00	04/08/2025 22:03	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*105 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*102 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*97.7 %*			*60-140*						

MKP 5/3/2025

Appendix B

Laboratory QC Documentation

DUPLICATES

EPA TO-15

AI-13 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: PVE, LLC.
Matrix: Air
Batch: BD50585
Preparation: EPA TO15 PREP
Source Sample Name: AI-13 20250326

SDG: 25C1716
Project: 20240302
Laboratory ID: BD50585-DUP1
Lab Source ID: 25C1716-06
Initial/Final: 400 mL / 400 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
1,1,1,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,1-Trichloroethane	25	ND		ND				EPA TO-15
1,1,2,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	ND		0.73				EPA TO-15
1,1,2-Trichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethylene	25	ND		ND				EPA TO-15
1,2,4-Trichlorobenzene	25	ND		ND				EPA TO-15
1,2,4-Trimethylbenzene	25	8.90		17		63.2	*	EPA TO-15
1,2-Dibromoethane	25	ND		ND				EPA TO-15
1,2-Dichlorobenzene	25	ND		ND				EPA TO-15
1,2-Dichloroethane	25	ND		ND				EPA TO-15
1,2-Dichloropropane	25	ND		ND				EPA TO-15
1,2-Dichlorotetrafluoroethane	25	ND		ND				EPA TO-15
1,3,5-Trimethylbenzene	25	2.99		5.7		62.1	*	EPA TO-15
1,3-Butadiene	25	ND		ND				EPA TO-15
1,3-Dichlorobenzene	25	ND		ND				EPA TO-15
1,3-Dichloropropane	25	ND		ND				EPA TO-15
1,4-Dichlorobenzene	25	0.575		0.58		0.00		EPA TO-15
1,4-Dioxane	25	ND		ND				EPA TO-15
2,2,4-Trimethylpentane	25	0.528		0.57		7.41		EPA TO-15
2-Butanone	25	1.92		2.1		6.45		EPA TO-15
2-Hexanone	25	ND		ND				EPA TO-15
3-Chloropropene	25	ND		ND				EPA TO-15
4-Methyl-2-pentanone	25	ND		ND				EPA TO-15
Acetone	25	21.7		22		0.854		EPA TO-15

DUPLICATES

EPA TO-15

AI-13 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: PVE, LLC.
Matrix: Air
Batch: BD50585
Preparation: EPA TO15 PREP
Source Sample Name: AI-13 20250326

SDG: 25C1716
Project: 20240302
Laboratory ID: BD50585-DUP1
Lab Source ID: 25C1716-06
Initial/Final: 400 mL / 400 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Methylene chloride	25	ND		ND				EPA TO-15
Naphthalene	25	ND		ND				EPA TO-15
n-Heptane	25	1.53		1.6		4.55		EPA TO-15
n-Hexane	25	0.767		0.83		7.69		EPA TO-15
o-Xylene	25	0.755		0.98		26.1	*	EPA TO-15
p- & m- Xylenes	25	1.62		1.8		11.0		EPA TO-15
p-Ethyltoluene	25	9.28		17		60.5	*	EPA TO-15
Propylene	25	ND		ND				EPA TO-15
Styrene	25	ND		ND				EPA TO-15
Tetrachloroethylene	25	1.12		1.6		34.8	*	EPA TO-15
Tetrahydrofuran	25	1.26		1.4		13.3		EPA TO-15
Toluene	25	4.98		5.5		10.0		EPA TO-15
trans-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
trans-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Trichloroethylene	25	ND		ND				EPA TO-15
Trichlorofluoromethane (Freon 11)	25	1.56		1.6		0.00		EPA TO-15
Vinyl acetate	25	ND		ND				EPA TO-15
Vinyl bromide	25	ND		ND				EPA TO-15
Vinyl Chloride	25	ND		ND				EPA TO-15

* Values outside of QC limits

Air Sampling Media Request Form

Canister Order No.: 9716

132-02 89th Avenue
Richmond Hill, NY 11418
TEL: 203-325-1371

Alt Ord No.: 1155873
Order Date: 02/25/2025
Requested By: nlovari

Client **PVE**
Address 48 Springside Avenue
Poughkeepsie,NY 12603
Phone 845-454-2544

Client Contact: Sam Ambrose
Hardware Needed: 03/24/2025
Expected Return Date: 03/27/2025 18:30
Ship Date:

Delivery Method **Drop of Address** **Special Instructons:**
York Courier

Type of Sample

Type	Size	Technique	Flow Rate	Sample Time(hr)	Quantity	IndivCert	Digital Gauge
Canister	6	RestrictedSampling		24	6	NO	NO

Hardware Details

Lab Number	Type	Serial #	Description	Cert Batch No.	Flow Rate (ml/min)
25C1716-01	**6**	**48303**	**Canister**	**11069**	
25C1716-01	**CS1200E**	**20416**	**FlowController**		**3.6**
25C1716-02	**6**	**24058**	**Canister**	**11062**	
25C1716-02	**CS1200ES4**	**19384**	**FlowController**		**3.6**
25C1716-03	**6**	**28314**	**Canister**	**11062**	
25C1716-03	**CS1200ES4**	**19396**	**FlowController**		**3.6**
25C1716-04	**6**	**37794**	**Canister**	**11062**	
25C1716-04	**CS1200E**	**20232**	**FlowController**		**3.6**
25C1716-05	**6**	**42997**	**Canister**	**11068**	
25C1716-05	**CS1200E**	**20458**	**FlowController**		**3.6**
25C1716-06	**6**	**24163**	**Canister**	**11055**	
25C1716-06	**CS1200E**	**20436**	**FlowController**		**3.6**
25C1721-01	6	37000	Canister	11068	
25C1721-01	CS1200E	20451	FlowController		10.8
25C1721-02	6	24254	Canister	11069	
25C1721-02	CS1200E	20438	FlowController		10.8
25C1721-03	6	50376	Canister	11068	
25C1721-03	CS1200ES	13571	FlowController		10.8
25C1721-04	6	18299	Canister	11069	
25C1721-04	CS1200E	20439	FlowController		10.8
25C1721-05	6	34497	Canister	11055	
25C1721-05	CS1200ES4	19428	FlowController		10.8
25C1721-06	6	34496	Canister	11069	
25C1721-06	CS1200E	20233	FlowController		10.8
25C1721-07	6	50378	Canister	11069	
25C1721-07	CS1200ES2	16421	FlowController		10.8
25C1721-08	6	52073	Canister	11069	
25C1721-08	CS1200E2	7087	FlowController		10.8
25C1721-09	6	49981	Canister	11055	
25C1721-09	CS1200E	17895	FlowController		10.8
25C1721-10	6	50305	Canister	11068	
25C1721-10	CS1200ES3	16419	FlowController		10.8
25C1721-11	6	23800	Canister	11069	
25C1721-11	CS1200E	20452	FlowController		10.8
25C1721-12	6	49576	Canister	11068	
25C1721-12	CS1200ES2	16423	FlowController		10.8
25C1721-13	6	50306	Canister	11068	
25C1721-13	CS1200E	20442	FlowController		10.8
	6		Canister		

Air Laboratory Bench Sheet

Batch BD50585 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1716-01	48303	-8.00	-8.00	-5.88 InHg	5.04	1.67	750	0.53	0.89	11069
9716	25C1716-02	24058	-6.00	-6.00	-6.11 InHg	4.23	1.62	750	0.53	0.86	11062
9716	25C1716-03	28314	-14.00	-14.00	-13.41 InHg	5.53	2.49	750	0.53	1.33	11062
9716	25C1716-04	37794	-8.00	-8.00	-6.96 InHg	4.53	1.70	750	0.53	0.91	11062
9716	25C1716-05	42997	-8.00	-9.00	-7.43 InHg	5.17	1.80	750	0.53	0.96	11068
9716	25C1716-06	24163	-6.00	-5.00	-5.55 InHg	4.86	1.63	750	0.53	0.87	11055

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

Project # 20240302

SDG: 25C1721
13 Air Samples

Prepared for:

PVE, LLC
25 W. 39th Street, 12th Floor
New York, NY 10018
Attention: Sam Ambrose

May 2025

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
PVE, LLC SDG 25C1721 Project # 20240302

The data associated with this Sample Delivery Group (SDG) 25C1721, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/3/2025

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Project #: 202400302
SAMPLING DATE:	March 26, 2025
SAMPLE TYPE:	13 air samples
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	25C1721

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 13 air samples collected on March 26, 2025. These samples were analyzed for TO-15 Volatile Organic Compounds.

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 25C1721. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Table 6-1. This table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 25C1721, 13 samples were analyzed and results were reported for 897 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 TO-15

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SSV-1 20250326	4-Methyl-2-pentanone Ethyl acetate Ethylbenzene Isopropanol o-Xylene p&m-Xylene Toluene	J detects	% D for Duplicate analysis > 25 %	Data are estimated
All samples	1,2,4-Trichlorobenzene Benzyl chloride Isopropanol Naphthalene Vinyl acetate	J detects UJ non-detects	ICAL % RSD > 30 % and/or ICV % D > QC limits (30%)	Data are estimated
SSV-1 20250326 AI-1 20250326 SSV-3 20250326 AI-3 20250326 SSV-4 20250326 AI-4 20250326 SSV-5 20250326 AI-5 20250326 AI-6 20250326 AI-7 20250326 AO-1 20250326	Bromoform Hexachlorobutadiene Isopropanol Tetrachloroethene Vinyl bromide	J detects UJ non-detects	CCV % D > QC limits (30%) and LCS rec outside QC limits	Data are estimated
SSV-4 20250326 AI-2 20250326	Bromoform Hexachlorobutadiene Isopropanol	J detects UJ non-detects	CCV % D > QC limits (30%) and LCS rec outside QC limits	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 04/30/2025
Client Project ID: 20240302
York Project (SDG) No.: 25C1721

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Work Order Narrative

York Analytical Work Order No.: 25C1721

Client : PVE, LLC.

Client Project ID : 20240302

Prepared for : Anthony Spadavecchia

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 03/27/2025 6:30 PM

13 Air sample(s) were received intact unless otherwise noted.

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SSV-1 20250326	25C1721-01	Air	03/26/2025 11:27 AM	03/27/2025 6:30 PM
AI-1 20250326	25C1721-02	Air	03/26/2025 11:28 AM	03/27/2025 6:30 PM
SSV-2 20250326	25C1721-03	Air	03/26/2025 11:22 AM	03/27/2025 6:30 PM
AI-2 20250326	25C1721-04	Air	03/26/2025 11:22 AM	03/27/2025 6:30 PM
SSV-3 20250326	25C1721-05	Air	03/26/2025 8:14 AM	03/27/2025 6:30 PM
AI-3 20250326	25C1721-06	Air	03/26/2025 8:14 AM	03/27/2025 6:30 PM
SSV-4 20250326	25C1721-07	Air	03/26/2025 9:02 AM	03/27/2025 6:30 PM
AI-4 20250326	25C1721-08	Air	03/26/2025 9:02 AM	03/27/2025 6:30 PM
SSV-5 20250326	25C1721-09	Air	03/26/2025 9:08 AM	03/27/2025 6:30 PM
AI-5 20250326	25C1721-10	Air	03/26/2025 9:08 AM	03/27/2025 6:30 PM
AI-6 20250326	25C1721-11	Air	03/26/2025 11:38 AM	03/27/2025 6:30 PM
AI-7 20250326	25C1721-12	Air	03/26/2025 11:33 AM	03/27/2025 6:30 PM
AO-1 20250326	25C1721-13	Air	03/26/2025 11:36 AM	03/27/2025 6:30 PM

WorkOrder Comments

York Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
AIR	EPA TO15 PREP	EPA TO-15

3.0 Sample Issues

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 25C1721

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

YOUR Information	Report To:	Invoice To:
Company: PVE ENGINEERING	Company: SAME	Company: SAME
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address:	Address:
Phone.: 845-454-2544	Phone.:	Phone.:
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM

YOUR Project Number: 20240302

YOUR Project Name: 20240302

YOUR PO#: 20240302

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other:
CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP
Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SSV-1 20250326	03-26-2025 1127	AS	-30"	-6"	37000	20451	VOCs VIA USEPA METHOD TO-15 SIM
AI-1 20250326	1128	AI	-24"	-2"	24254	20438	
SSV-2 20250326	1122	AS	-29"	-8"	50376	13571	
AI-2 20250326	1122	AI	-30"	-2"	18299	20439	
SSV-3 20250326	0814	AS	-30"	-2"	34497	19428	
AI-3 20250326	0814	AI	-29"	-3"	34496	20233	
SSV-4 20250326	0902	AS	-30"	-4"	50378	16421	
AI-4 20250326	0902	AI	-30"	-2"	52073	7087	
SSV-5 20250326	0908	AS	-30+"	-4"	49981	17895	
AI-5 20250326	0908	AI	-30"	-2"	50305	16419	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 1455		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 13:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25C1721

YOUR Information	Report To:	Invoice To:
Company: PVE ENGINEERING	Company: SAME	Company: SAME
Address: 48 SPRINGSIDE AVE POUGHKEEPSIE, NY 12603	Address:	Address:
Phone.: 845-454-2544	Phone.:	Phone.:
Contact: A. SPADAVECCHIA	Contact: SAM AMBROSE	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: SAMBROSE@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM

YOUR Project Number: 20240302

YOUR Project Name: 20240302

YOUR PO#: 20240302

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- Other:
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliv.
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
AI-6 20250326	3-26-25 1138	AI	-30"	-3"	23800	20452	VOCs via USEPA METHOD TO-15 SIM
AI-7 20250326	1133	AI	-28"	-7"	49576	16423	
AO-1 20250326	1136	AO	-30"	-4"	50306	20442	

Comments:

Detection Limits Required

≤ 1 ug/m³ ____ NYSDEC V1 Limits ____

Routine Survey ____ Other ____

Sampling Media

- 6 Liter Canister
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	3-27-25 1455		3/27/25 14:55		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
			3/27/25 18:30	3/27/25	18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
3/27/25	8:44			3/28/25	8:44

DATA PACKAGE

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25C1721

Client: PVE, LLC. Project: 20240302

Sample Information

Client Sample ID: **SSV-1 20250326** **York Sample ID:** **25C1721-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, ICVE	ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	2.0		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.38	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
78-93-3	**2-Butanone**	4.4		ug/m³	0.49	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
108-10-1	**4-Methyl-2-pentanone**	7.8		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
67-64-1	**Acetone**	25		ug/m³	3.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
107-13-1	Acrylonitrile	ND		ug/m³	4.6	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
71-43-2	**Benzene**	0.89		ug/m³	0.53	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.85	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-25-2	Bromoform	ND		ug/m³	1.7	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
74-83-9	Bromomethane	ND		ug/m³	0.64	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
56-23-5	**Carbon tetrachloride**	0.83		ug/m³	0.26	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-1 20250326** **York Sample ID:** **25C1721-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:27 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-00-3	Chloroethane	ND		ug/m³	0.43	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
67-66-3	Chloroform	ND		ug/m³	0.80	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
74-87-3	**Chloromethane**	1.3		ug/m³	0.34	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.57	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-71-8	**Dichlorodifluoromethane**	3.7		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
141-78-6	*** Ethyl acetate**	20		ug/m³	1.2	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
100-41-4	**Ethyl Benzene**	5.0		ug/m³	0.71	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
67-63-0	**Isopropanol**	18	CAL-E	ug/m³	2.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-09-2	Methylene chloride	ND		ug/m³	3.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.7	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
142-82-5	**n-Heptane**	0.88		ug/m³	0.67	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
110-54-3	**n-Hexane**	0.87		ug/m³	0.58	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
95-47-6	**o-Xylene**	3.4		ug/m³	0.71	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
179601-23-1	**p- & m- Xylenes**	13		ug/m³	1.4	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
622-96-8	*** p-Ethyltoluene**	1.9		ug/m³	0.81	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
115-07-1	*** Propylene**	0.71		ug/m³	0.28	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
100-42-5	Styrene	ND		ug/m³	0.70	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
127-18-4	**Tetrachloroethylene**	1.1		ug/m³	1.1	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
108-88-3	**Toluene**	85		ug/m³	0.62	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	J
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.9		ug/m³	0.92	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.58	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.645	EPA TO-15	04/21/2025 09:00	04/21/2025 13:33	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*112 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*109 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-1 20250326** **York Sample ID:** **25C1721-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.49	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.39	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.49	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.60		ug/m³	0.55	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.39	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.071	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.53	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	0.49		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.55	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.50	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.47	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.43	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	2.0		ug/m³	0.17	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
78-93-3	**2-Butanone**	2.0		ug/m³	0.21	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
108-10-1	**4-Methyl-2-pentanone**	0.88		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
67-64-1	**Acetone**	49		ug/m³	1.4	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
107-13-1	**Acrylonitrile**	3.9		ug/m³	2.0	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
71-43-2	**Benzene**	2.0		ug/m³	0.23	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.37	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.48	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-25-2	Bromoform	ND		ug/m³	0.74	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.28	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.22	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
56-23-5	**Carbon tetrachloride**	0.49		ug/m³	0.11	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-1 20250326** **York Sample ID:** **25C1721-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:28 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-00-3	Chloroethane	ND		ug/m³	0.19	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
67-66-3	Chloroform	ND		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
74-87-3	**Chloromethane**	1.2		ug/m³	0.15	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.071	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
110-82-7	**Cyclohexane**	0.47		ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.61	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
141-78-6	*** Ethyl acetate**	79		ug/m³	0.52	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
100-41-4	**Ethyl Benzene**	1.4		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.76	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
67-63-0	**Isopropanol**	12	CAL-E	ug/m³	1.1	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	J
80-62-6	**Methyl Methacrylate**	0.79		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.75	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
142-82-5	**n-Heptane**	5.5		ug/m³	0.29	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
110-54-3	**n-Hexane**	1.5		ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
95-47-6	**o-Xylene**	0.96		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
179601-23-1	**p- & m- Xylenes**	3.0		ug/m³	0.62	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
622-96-8	*** p-Ethyltoluene**	0.46		ug/m³	0.35	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
115-07-1	*** Propylene**	1.6		ug/m³	0.12	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
100-42-5	**Styrene**	0.40		ug/m³	0.30	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
127-18-4	**Tetrachloroethylene**	0.48		ug/m³	0.48	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	J
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.42	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
108-88-3	**Toluene**	13		ug/m³	0.27	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.28	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.32	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.096	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.40	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
108-05-4	**Vinyl acetate**	0.93	ICVE	ug/m³	0.25	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	
593-60-2	Vinyl bromide	ND		ug/m³	0.31	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.091	0.715	EPA TO-15	04/21/2025 09:00	04/21/2025 18:32	YR	UJ
74-97-5	*Internal Standard: Bromochloromethan*	*103 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*103 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*100 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-2 20250326** **York Sample ID:** **25C1721-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	7.5		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
108-67-8	**1,3,5-Trimethylbenzene**	1.8		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	1.4		ug/m³	0.43	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
78-93-3	**2-Butanone**	1.0		ug/m³	0.54	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
67-64-1	**Acetone**	7.7		ug/m³	3.5	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
107-13-1	Acrylonitrile	ND		ug/m³	5.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
71-43-2	**Benzene**	0.82		ug/m³	0.58	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.94	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-25-2	Bromoform	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.71	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.57	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
56-23-5	**Carbon tetrachloride**	0.46		ug/m³	0.29	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-2 20250326** **York Sample ID:** **25C1721-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-00-3	Chloroethane	ND		ug/m³	0.48	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
67-66-3	Chloroform	ND		ug/m³	0.89	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
74-87-3	Chloromethane	ND		ug/m³	0.38	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.63	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-71-8	**Dichlorodifluoromethane**	2.7		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
141-78-6	*** Ethyl acetate**	1.4		ug/m³	1.3	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
100-41-4	**Ethyl Benzene**	11		ug/m³	0.79	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
67-63-0	**Isopropanol**	6.8	CAL-E	ug/m³	2.7	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-09-2	Methylene chloride	ND		ug/m³	3.8	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.9	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
142-82-5	**n-Heptane**	1.1		ug/m³	0.75	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
110-54-3	**n-Hexane**	1.0		ug/m³	0.64	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
95-47-6	**o-Xylene**	5.9		ug/m³	0.79	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
179601-23-1	**p- & m- Xylenes**	16		ug/m³	1.6	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
622-96-8	*** p-Ethyltoluene**	7.2		ug/m³	0.90	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
115-07-1	*** Propylene**	0.44		ug/m³	0.31	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
100-42-5	Styrene	ND		ug/m³	0.78	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
108-88-3	**Toluene**	13		ug/m³	0.69	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.25	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	1.0	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.64	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.824	EPA TO-15	04/22/2025 08:00	04/22/2025 14:36	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*101 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*103 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*99.4 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-2 20250326** **York Sample ID:** **25C1721-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.50	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.61		ug/m³	0.56	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.40	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.54	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	1.6		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.56	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.51	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
108-67-8	**1,3,5-Trimethylbenzene**	0.89		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.48	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.34	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.44	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.52	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.71		ug/m³	0.17	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
78-93-3	**2-Butanone**	2.7		ug/m³	0.21	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.59	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.1	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
108-10-1	**4-Methyl-2-pentanone**	0.50		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
67-64-1	**Acetone**	37		ug/m³	1.4	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
107-13-1	**Acrylonitrile**	8.2		ug/m³	2.0	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
71-43-2	**Benzene**	1.4		ug/m³	0.23	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.38	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.49	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-25-2	Bromoform	ND		ug/m³	0.75	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.28	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
56-23-5	**Carbon tetrachloride**	0.55		ug/m³	0.11	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-2 20250326** **York Sample ID:** **25C1721-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:22 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-00-3	Chloroethane	ND		ug/m³	0.19	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
67-66-3	Chloroform	ND		ug/m³	0.35	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
74-87-3	**Chloromethane**	1.3		ug/m³	0.15	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.072	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.25	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.62	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
141-78-6	*** Ethyl acetate**	6.7		ug/m³	0.52	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
100-41-4	**Ethyl Benzene**	5.9		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.77	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
67-63-0	**Isopropanol**	6.1	CAL-E	ug/m³	1.1	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	J
80-62-6	**Methyl Methacrylate**	0.50		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.5	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.76	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
142-82-5	**n-Heptane**	3.9		ug/m³	0.30	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
110-54-3	**n-Hexane**	0.74		ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
95-47-6	**o-Xylene**	6.3		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
179601-23-1	**p- & m- Xylenes**	13		ug/m³	0.63	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
622-96-8	*** p-Ethyltoluene**	3.0		ug/m³	0.36	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
115-07-1	*** Propylene**	1.6		ug/m³	0.12	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
100-42-5	**Styrene**	1.3		ug/m³	0.31	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
127-18-4	**Tetrachloroethylene**	2.2		ug/m³	0.49	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	J
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.43	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
108-88-3	**Toluene**	9.8		ug/m³	0.27	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.29	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.33	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.097	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.41	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.32	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
75-01-4	Vinyl Chloride	ND		ug/m³	0.093	0.725	EPA TO-15	04/22/2025 08:00	04/22/2025 15:23	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*99.4 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*98.5 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-3 20250326** **York Sample ID:** **25C1721-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.95	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.75	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.95	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.75	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.0	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	10		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.64	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.96	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
108-67-8	**1,3,5-Trimethylbenzene**	2.3		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.64	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.83	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.99	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	1.7		ug/m³	0.32	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
78-93-3	**2-Butanone**	2.1		ug/m³	0.41	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
67-64-1	**Acetone**	17		ug/m³	2.6	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
107-13-1	Acrylonitrile	ND		ug/m³	3.9	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
71-43-2	**Benzene**	0.93		ug/m³	0.44	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.71	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.92	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-25-2	Bromoform	ND		ug/m³	1.4	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.54	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.43	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
56-23-5	**Carbon tetrachloride**	0.43		ug/m³	0.22	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-3 20250326** **York Sample ID:** **25C1721-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-00-3	Chloroethane	ND		ug/m³	0.36	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
67-66-3	**Chloroform**	1.5		ug/m³	0.67	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
74-87-3	Chloromethane	ND		ug/m³	0.28	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.47	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-71-8	**Dichlorodifluoromethane**	2.7		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
141-78-6	* Ethyl acetate	ND		ug/m³	0.99	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
100-41-4	**Ethyl Benzene**	14		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
67-63-0	**Isopropanol**	7.3	CAL-E	ug/m³	2.0	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.56	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.50	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-09-2	Methylene chloride	ND		ug/m³	2.9	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.4	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
142-82-5	**n-Heptane**	1.3		ug/m³	0.57	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
110-54-3	**n-Hexane**	1.2		ug/m³	0.49	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
95-47-6	**o-Xylene**	7.2		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
179601-23-1	**p- & m- Xylenes**	20		ug/m³	1.2	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
622-96-8	*** p-Ethyltoluene**	9.4		ug/m³	0.68	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
115-07-1	*** Propylene**	1.7		ug/m³	0.24	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
100-42-5	Styrene	ND		ug/m³	0.59	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.94	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.81	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
108-88-3	**Toluene**	15		ug/m³	0.52	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.55	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.63	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.19	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	0.77	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.49	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.60	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.379	EPA TO-15	04/21/2025 09:00	04/22/2025 01:22	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*106 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*100 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-3 20250326** **York Sample ID:** **25C1721-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.62		ug/m³	0.62	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	0.59		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.45		ug/m³	0.19	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
78-93-3	**2-Butanone**	2.7		ug/m³	0.24	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
67-64-1	**Acetone**	28		ug/m³	1.5	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
107-13-1	**Acrylonitrile**	6.2		ug/m³	2.3	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
71-43-2	**Benzene**	1.2		ug/m³	0.26	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-25-2	Bromoform	ND		ug/m³	0.83	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.31	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
56-23-5	**Carbon tetrachloride**	0.51		ug/m³	0.13	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-3 20250326** **York Sample ID:** **25C1721-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 8:14 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-00-3	Chloroethane	ND		ug/m³	0.21	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
67-66-3	Chloroform	ND		ug/m³	0.39	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
74-87-3	**Chloromethane**	1.0		ug/m³	0.17	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
141-78-6	*** Ethyl acetate**	3.2		ug/m³	0.58	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
100-41-4	**Ethyl Benzene**	0.35		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
67-63-0	**Isopropanol**	2.9	CAL-E	ug/m³	1.2	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
142-82-5	**n-Heptane**	2.7		ug/m³	0.33	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
110-54-3	**n-Hexane**	0.54		ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
95-47-6	**o-Xylene**	0.42		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
179601-23-1	**p- & m- Xylenes**	1.0		ug/m³	0.70	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
622-96-8	*** p-Ethyltoluene**	0.40		ug/m³	0.40	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
115-07-1	*** Propylene**	2.0		ug/m³	0.14	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
100-42-5	Styrene	ND		ug/m³	0.34	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
109-99-9	*** Tetrahydrofuran**	1.5		ug/m³	0.47	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
108-88-3	**Toluene**	5.5		ug/m³	0.30	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.45	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.805	EPA TO-15	04/21/2025 09:00	04/21/2025 20:44	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*115 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*113 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*107 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-4 20250326** **York Sample ID:** **25C1721-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	9.9		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
108-67-8	**1,3,5-Trimethylbenzene**	2.5		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	11		ug/m³	0.35	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
78-93-3	**2-Butanone**	1.9		ug/m³	0.44	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
67-64-1	**Acetone**	33		ug/m³	2.8	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
107-13-1	**Acrylonitrile**	6.7		ug/m³	4.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
71-43-2	**Benzene**	1.9		ug/m³	0.47	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.77	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-25-2	Bromoform	ND		ug/m³	1.5	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.57	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-15-0	**Carbon disulfide**	0.78		ug/m³	0.46	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
56-23-5	**Carbon tetrachloride**	0.56		ug/m³	0.23	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-4 20250326** **York Sample ID:** **25C1721-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-00-3	Chloroethane	ND		ug/m³	0.39	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
67-66-3	Chloroform	ND		ug/m³	0.72	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
74-87-3	**Chloromethane**	0.79		ug/m³	0.31	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
110-82-7	**Cyclohexane**	0.56		ug/m³	0.51	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-71-8	**Dichlorodifluoromethane**	2.6		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
141-78-6	*** Ethyl acetate**	1.1		ug/m³	1.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
100-41-4	**Ethyl Benzene**	13		ug/m³	0.64	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
67-63-0	**Isopropanol**	3.1	CAL-E	ug/m³	2.2	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.6	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
142-82-5	**n-Heptane**	1.9		ug/m³	0.61	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
110-54-3	**n-Hexane**	2.0		ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
95-47-6	**o-Xylene**	6.8		ug/m³	0.64	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
179601-23-1	**p- & m- Xylenes**	19		ug/m³	1.3	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
622-96-8	*** p-Ethyltoluene**	8.9		ug/m³	0.73	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
115-07-1	*** Propylene**	2.1		ug/m³	0.25	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
100-42-5	Styrene	ND		ug/m³	0.63	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.87	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
108-88-3	**Toluene**	15		ug/m³	0.56	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.83	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.479	EPA TO-15	04/21/2025 09:00	04/22/2025 02:08	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-4 20250326** **York Sample ID:** **25C1721-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.63		ug/m³	0.57	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.074	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.56	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.52	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.38		ug/m³	0.17	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
78-93-3	**2-Butanone**	3.5		ug/m³	0.22	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.61	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
67-64-1	**Acetone**	23		ug/m³	1.4	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
107-13-1	**Acrylonitrile**	12		ug/m³	2.1	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
71-43-2	**Benzene**	2.0		ug/m³	0.24	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.50	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-25-2	Bromoform	ND		ug/m³	0.77	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.29	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.23	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
56-23-5	**Carbon tetrachloride**	0.57		ug/m³	0.12	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
108-90-7	Chlorobenzene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-4 20250326** **York Sample ID:** **25C1721-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:02 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
75-00-3	Chloroethane	ND		ug/m³	0.20	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
67-66-3	Chloroform	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
74-87-3	**Chloromethane**	1.4		ug/m³	0.15	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.074	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
141-78-6	*** Ethyl acetate**	0.65		ug/m³	0.54	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
100-41-4	Ethyl Benzene	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.80	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
67-63-0	**Isopropanol**	1.6	CAL-E	ug/m³	1.1	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.79	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
142-82-5	**n-Heptane**	1.7		ug/m³	0.31	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
110-54-3	**n-Hexane**	0.37		ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
95-47-6	o-Xylene	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
179601-23-1	**p- & m- Xylenes**	0.68		ug/m³	0.65	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.37	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
115-07-1	*** Propylene**	1.6		ug/m³	0.13	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
100-42-5	Styrene	ND		ug/m³	0.32	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.51	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
109-99-9	*** Tetrahydrofuran**	1.3		ug/m³	0.44	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
108-88-3	**Toluene**	4.3		ug/m³	0.28	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.42	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.26	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.749	EPA TO-15	04/21/2025 09:00	04/21/2025 21:30	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*107 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*104 %*			*60-140*						

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Sample Information

Client Sample ID: **SSV-5 20250326** **York Sample ID:** **25C1721-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	8.1		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
108-67-8	**1,3,5-Trimethylbenzene**	1.6		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	11		ug/m³	0.34	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
78-93-3	**2-Butanone**	2.5		ug/m³	0.44	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
67-64-1	**Acetone**	38		ug/m³	2.8	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
107-13-1	Acrylonitrile	ND		ug/m³	4.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
71-43-2	**Benzene**	0.85		ug/m³	0.47	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.76	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-25-2	Bromoform	ND		ug/m³	1.5	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
74-83-9	Bromomethane	ND		ug/m³	0.57	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
75-15-0	**Carbon disulfide**	0.69		ug/m³	0.46	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
56-23-5	**Carbon tetrachloride**	0.46		ug/m³	0.23	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **SSV-5 20250326** **York Sample ID:** **25C1721-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Soil Vapor	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-00-3	Chloroethane	ND		ug/m³	0.39	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
67-66-3	**Chloroform**	1.1		ug/m³	0.72	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
74-87-3	Chloromethane	ND		ug/m³	0.30	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.51	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-71-8	**Dichlorodifluoromethane**	2.6		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
141-78-6	*** Ethyl acetate**	5.8		ug/m³	1.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
100-41-4	**Ethyl Benzene**	12		ug/m³	0.64	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
67-63-0	**Isopropanol**	5.7	CAL-E	ug/m³	2.2	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-09-2	Methylene chloride	ND		ug/m³	3.1	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	1.5	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
142-82-5	**n-Heptane**	1.3		ug/m³	0.60	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
110-54-3	**n-Hexane**	1.2		ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
95-47-6	**o-Xylene**	6.2		ug/m³	0.64	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
179601-23-1	**p- & m- Xylenes**	17		ug/m³	1.3	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
622-96-8	*** p-Ethyltoluene**	7.8		ug/m³	0.73	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
115-07-1	*** Propylene**	1.7		ug/m³	0.25	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
100-42-5	Styrene	ND		ug/m³	0.63	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
109-99-9	*** Tetrahydrofuran**	1.0		ug/m³	0.87	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
108-88-3	**Toluene**	16		ug/m³	0.56	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.5		ug/m³	0.83	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.52	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.476	EPA TO-15	04/21/2025 09:00	04/22/2025 02:54	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*106 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*105 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*101 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-5 20250326** **York Sample ID:** **25C1721-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.55	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.61		ug/m³	0.61	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.60	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.56	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.53	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.48	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.34		ug/m³	0.19	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
78-93-3	**2-Butanone**	2.5		ug/m³	0.24	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
67-64-1	**Acetone**	12		ug/m³	1.5	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
107-13-1	Acrylonitrile	ND		ug/m³	2.3	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
71-43-2	**Benzene**	0.64		ug/m³	0.26	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.42	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-25-2	Bromoform	ND		ug/m³	0.83	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
74-83-9	Bromomethane	ND		ug/m³	0.31	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
56-23-5	**Carbon tetrachloride**	0.50		ug/m³	0.13	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-5 20250326** **York Sample ID:** **25C1721-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 9:08 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
75-00-3	Chloroethane	ND		ug/m³	0.21	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
67-66-3	Chloroform	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
74-87-3	**Chloromethane**	0.91		ug/m³	0.17	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.079	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.68	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.40	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
141-78-6	*** Ethyl acetate**	0.81		ug/m³	0.58	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
67-63-0	**Isopropanol**	1.4	CAL-E	ug/m³	1.2	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.84	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
142-82-5	**n-Heptane**	1.4		ug/m³	0.33	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
110-54-3	**n-Hexane**	0.34		ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
95-47-6	o-Xylene	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.70	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.39	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
115-07-1	*** Propylene**	1.4		ug/m³	0.14	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
100-42-5	Styrene	ND		ug/m³	0.34	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.54	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
109-99-9	*** Tetrahydrofuran**	0.99		ug/m³	0.47	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
108-88-3	**Toluene**	3.2		ug/m³	0.30	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.36	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.45	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.28	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.802	EPA TO-15	04/21/2025 09:00	04/21/2025 22:16	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*108 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*108 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*102 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-6 20250326** **York Sample ID:** **25C1721-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.54	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.43	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.54	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.60		ug/m³	0.60	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.43	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.077	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.58	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	0.38		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.60	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.55	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.52	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.47	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.56	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.29		ug/m³	0.18	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
78-93-3	**2-Butanone**	1.4		ug/m³	0.23	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.64	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
67-64-1	**Acetone**	27		ug/m³	1.5	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
107-13-1	**Acrylonitrile**	3.9		ug/m³	2.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
71-43-2	**Benzene**	1.2		ug/m³	0.25	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.40	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-25-2	Bromoform	ND		ug/m³	0.81	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.30	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
56-23-5	**Carbon tetrachloride**	0.54		ug/m³	0.12	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-6 20250326** **York Sample ID:** **25C1721-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:38 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.36	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-00-3	Chloroethane	ND		ug/m³	0.21	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
67-66-3	Chloroform	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
74-87-3	**Chloromethane**	1.1		ug/m³	0.16	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.077	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.66	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-71-8	**Dichlorodifluoromethane**	2.4		ug/m³	0.39	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
141-78-6	*** Ethyl acetate**	3.1		ug/m³	0.56	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
100-41-4	**Ethyl Benzene**	0.34		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.83	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
67-63-0	**Isopropanol**	2.6	CAL-E	ug/m³	1.2	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.28	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.82	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
142-82-5	**n-Heptane**	0.90		ug/m³	0.32	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
110-54-3	**n-Hexane**	0.30		ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
95-47-6	**o-Xylene**	0.34		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
179601-23-1	**p- & m- Xylenes**	0.88		ug/m³	0.68	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.38	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
115-07-1	*** Propylene**	0.99		ug/m³	0.13	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
100-42-5	Styrene	ND		ug/m³	0.33	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.53	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
109-99-9	*** Tetrahydrofuran**	0.67		ug/m³	0.46	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
108-88-3	**Toluene**	2.8		ug/m³	0.29	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.31	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.35	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.44	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.34	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.78	EPA TO-15	04/21/2025 09:00	04/21/2025 23:03	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*110 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*109 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*106 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-7 20250326** **York Sample ID:** **25C1721-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.72	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.69	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	0.55		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.52		ug/m³	0.22	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
78-93-3	**2-Butanone**	2.3		ug/m³	0.28	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.77	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
67-64-1	**Acetone**	68		ug/m³	1.8	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
107-13-1	Acrylonitrile	ND		ug/m³	2.6	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
71-43-2	**Benzene**	1.2		ug/m³	0.30	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.48	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-25-2	Bromoform	ND		ug/m³	0.97	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
74-83-9	Bromomethane	ND		ug/m³	0.36	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
56-23-5	**Carbon tetrachloride**	0.53		ug/m³	0.15	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AI-7 20250326** **York Sample ID:** **25C1721-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Indoor Ambient Air	March 26, 2025 11:33 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-00-3	Chloroethane	ND		ug/m³	0.25	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
67-66-3	Chloroform	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
74-87-3	**Chloromethane**	1.6		ug/m³	0.19	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.093	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.32	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
141-78-6	*** Ethyl acetate**	4.8		ug/m³	0.67	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
100-41-4	**Ethyl Benzene**	0.69		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
67-63-0	**Isopropanol**	8.4	CAL-E	ug/m³	1.4	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	J
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
91-20-3	* Naphthalene	ND	CAL-E	ug/m³	0.98	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
142-82-5	**n-Heptane**	1.2		ug/m³	0.38	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
110-54-3	**n-Hexane**	1.0		ug/m³	0.33	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
95-47-6	**o-Xylene**	0.89		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
179601-23-1	**p- & m- Xylenes**	1.8		ug/m³	0.81	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
115-07-1	*** Propylene**	2.2		ug/m³	0.16	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
100-42-5	**Styrene**	0.88		ug/m³	0.40	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
127-18-4	Tetrachloroethylene	ND		ug/m³	0.63	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.55	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
108-88-3	**Toluene**	6.1		ug/m³	0.35	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.3		ug/m³	0.53	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.33	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.936	EPA TO-15	04/21/2025 09:00	04/21/2025 23:49	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*111 %*			*60-140*						
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*						
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*103 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AO-1 20250326** **York Sample ID:** **25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.52	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	0.64		ug/m³	0.58	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.41	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV	ug/m³	0.56	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
95-63-6	**1,2,4-Trimethylbenzene**	2.0		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.58	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.53	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
108-67-8	**1,3,5-Trimethylbenzene**	1.0		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
106-99-0	1,3-Butadiene	ND		ug/m³	0.50	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
123-91-1	1,4-Dioxane	ND		ug/m³	0.54	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
540-84-1	*** 2,2,4-Trimethylpentane**	0.18		ug/m³	0.18	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
78-93-3	**2-Butanone**	0.65		ug/m³	0.22	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
591-78-6	* 2-Hexanone	ND		ug/m³	0.62	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
107-05-1	3-Chloropropene	ND		ug/m³	1.2	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
67-64-1	**Acetone**	4.2		ug/m³	1.4	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
107-13-1	Acrylonitrile	ND		ug/m³	2.1	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
71-43-2	**Benzene**	0.48		ug/m³	0.24	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
100-44-7	Benzyl chloride	ND	CAL-E	ug/m³	0.39	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
75-27-4	Bromodichloromethane	ND		ug/m³	0.51	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-25-2	Bromoform	ND		ug/m³	0.78	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
74-83-9	Bromomethane	ND		ug/m³	0.29	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-15-0	Carbon disulfide	ND		ug/m³	0.24	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
56-23-5	**Carbon tetrachloride**	0.52		ug/m³	0.12	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	

MKP 5/3/2025

Sample Information

Client Sample ID: **AO-1 20250326** **York Sample ID:** **25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst	
108-90-7	Chlorobenzene	ND		ug/m³	0.35	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-00-3	Chloroethane	ND		ug/m³	0.20	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
67-66-3	Chloroform	ND		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
74-87-3	**Chloromethane**	0.97		ug/m³	0.16	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.075	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
110-82-7	Cyclohexane	ND		ug/m³	0.26	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
124-48-1	Dibromochloromethane	ND		ug/m³	0.64	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-71-8	**Dichlorodifluoromethane**	2.5		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
141-78-6	* Ethyl acetate	ND		ug/m³	0.54	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
100-41-4	**Ethyl Benzene**	1.0		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.81	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
67-63-0	Isopropanol	ND	CAL-E	ug/m³	1.1	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-09-2	Methylene chloride	ND		ug/m³	1.6	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
91-20-3	* **Naphthalene**	2.5	CAL-E	ug/m³	0.79	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
142-82-5	n-Heptane	ND		ug/m³	0.31	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
110-54-3	n-Hexane	ND		ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
95-47-6	**o-Xylene**	2.2		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
179601-23-1	**p- & m- Xylenes**	3.7		ug/m³	0.66	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
622-96-8	* **p-Ethyltoluene**	1.9		ug/m³	0.37	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
115-07-1	* **Propylene**	0.55		ug/m³	0.13	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
100-42-5	**Styrene**	0.45		ug/m³	0.32	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
127-18-4	**Tetrachloroethylene**	2.2	TO-CCV, TO-LCS-H	ug/m³	0.51	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	J
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.45	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
108-88-3	**Toluene**	1.2		ug/m³	0.28	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.30	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.34	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
79-01-6	Trichloroethylene	ND		ug/m³	0.10	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
75-69-4	**Trichlorofluoromethane (Freon 11)**	1.4		ug/m³	0.42	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
108-05-4	Vinyl acetate	ND	ICVE	ug/m³	0.27	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
593-60-2	Vinyl bromide	ND		ug/m³	0.33	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	UJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.096	0.755	EPA TO-15	04/21/2025 09:00	04/22/2025 00:35	YR	
74-97-5	*Internal Standard: Bromochloromethan*	*109 %*			*60-140*						

MKP 5/3/2025

Sample Information

Client Sample ID: **AO-1 20250326** **York Sample ID:** **25C1721-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25C1721	20240302	Outdoor Ambient Air	March 26, 2025 11:36 am	03/27/2025

Volatile Organic Compounds in Air by GC/MS

Sample Prepared by Method: EPA TO15 PREP

Results Reported to RL

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Prepared	Analyzed	Analyst
540-36-3	*Internal Standard: ISTD: 1,4-Difluorob*	*107 %*			*60-140*					
3114-55-4	*Internal Standard: ISTD: d5-Chloroben*	*102 %*			*60-140*					

Appendix B

Laboratory QC Documentation

DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721

Client: PVE, LLC.
Project: 20240302

Matrix: Air
Laboratory ID: BD51581-DUP1

Batch: BD51581
Lab Source ID: 25C1721-01

Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL

Source Sample Name: SSV-1 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
1,1,1,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,1-Trichloroethane	25	ND		ND				EPA TO-15
1,1,2,2-Tetrachloroethane	25	ND		ND				EPA TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	ND		ND				EPA TO-15
1,1,2-Trichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethane	25	ND		ND				EPA TO-15
1,1-Dichloroethylene	25	ND		ND				EPA TO-15
1,2,4-Trichlorobenzene	25	ND		ND				EPA TO-15
1,2,4-Trimethylbenzene	25	2.02		2.1		3.92		EPA TO-15
1,2-Dibromoethane	25	ND		ND				EPA TO-15
1,2-Dichlorobenzene	25	ND		ND				EPA TO-15
1,2-Dichloroethane	25	ND		ND				EPA TO-15
1,2-Dichloropropane	25	ND		ND				EPA TO-15
1,2-Dichlorotetrafluoroethane	25	ND		ND				EPA TO-15
1,3,5-Trimethylbenzene	25	ND		ND				EPA TO-15
1,3-Butadiene	25	ND		ND				EPA TO-15
1,3-Dichlorobenzene	25	ND		ND				EPA TO-15
1,3-Dichloropropane	25	ND		ND				EPA TO-15
1,4-Dichlorobenzene	25	ND		ND				EPA TO-15
1,4-Dioxane	25	ND		ND				EPA TO-15
2,2,4-Trimethylpentane	25	ND		1.4				EPA TO-15
2-Butanone	25	4.41		4.1		6.82		EPA TO-15
2-Hexanone	25	ND		ND				EPA TO-15
3-Chloropropene	25	ND		ND				EPA TO-15
4-Methyl-2-pentanone	25	7.82		20		87.7	*	EPA TO-15
Acetone	25	25.0		27		7.80		EPA TO-15

DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: PVE, LLC.
Matrix: Air
Batch: BD51581
Preparation: EPA TO15 PREP
Source Sample Name: SSV-1 20250326

SDG: 25C1721
Project: 20240302
Laboratory ID: BD51581-DUP1
Lab Source ID: 25C1721-01
Initial/Final: 400 mL / 400 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Acrylonitrile	25	ND		ND				EPA TO-15
Benzene	25	0.893		0.84		6.06		EPA TO-15
Benzyl chloride	25	ND		ND				EPA TO-15
Bromochloromethane		10.0		10				EPA TO-15
Bromodichloromethane	25	ND		ND				EPA TO-15
Bromoform	25	ND		ND				EPA TO-15
Bromomethane	25	ND		ND				EPA TO-15
Carbon disulfide	25	ND		ND				EPA TO-15
Carbon tetrachloride	25	0.828		0.83		0.00		EPA TO-15
Chlorobenzene	25	ND		ND				EPA TO-15
Chloroethane	25	ND		ND				EPA TO-15
Chloroform	25	ND		ND				EPA TO-15
Chloromethane	25	1.26		1.2		5.56		EPA TO-15
cis-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
cis-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Cyclohexane	25	ND		ND				EPA TO-15
Dibromochloromethane	25	ND		ND				EPA TO-15
Dichlorodifluoromethane	25	3.74		3.7		0.00		EPA TO-15
Ethyl acetate	25	20.2		28		33.1	*	EPA TO-15
Ethyl Benzene	25	5.00		6.9		31.3	*	EPA TO-15
Hexachlorobutadiene	25	ND		ND				EPA TO-15
Isopropanol	25	18.5		28		41.0	*	EPA TO-15
ISTD: 1,4-Difluorobenzene		10.0		10				EPA TO-15
ISTD: d5-Chlorobenzene		10.0		10				EPA TO-15
Methyl Methacrylate	25	ND		ND				EPA TO-15
Methyl tert-butyl ether (MTBE)	25	ND		ND				EPA TO-15

DUPLICATES

EPA TO-15

SSV-1 20250326

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721

Client: PVE, LLC.
Project: 20240302

Matrix: Air
Laboratory ID: BD51581-DUP1

Batch: BD51581
Lab Source ID: 25C1721-01

Preparation: EPA TO15 PREP
Initial/Final: 400 mL / 400 mL

Source Sample Name: SSV-1 20250326
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/m³)	C	DUPLICATE CONCENTRATION (ug/m³)	C	RPD %	Q	METHOD
Methylene chloride	25	ND		ND				EPA TO-15
Naphthalene	25	ND		ND				EPA TO-15
n-Heptane	25	0.876		1.0		14.3		EPA TO-15
n-Hexane	25	0.870		0.81		6.90		EPA TO-15
o-Xylene	25	3.43		5.3		42.6	*	EPA TO-15
p- & m- Xylenes	25	13.5		21		42.8	*	EPA TO-15
p-Ethyltoluene	25	1.86		1.9		0.00		EPA TO-15
Propylene	25	0.708		0.71		0.00		EPA TO-15
Styrene	25	ND		ND				EPA TO-15
Tetrachloroethylene	25	1.12		1.2				EPA TO-15
Tetrahydrofuran	25	ND		ND				EPA TO-15
Toluene	25	85.5		180		68.8	*	EPA TO-15
trans-1,2-Dichloroethylene	25	ND		ND				EPA TO-15
trans-1,3-Dichloropropylene	25	ND		ND				EPA TO-15
Trichloroethylene	25	ND		ND				EPA TO-15
Trichlorofluoromethane (Freon 11)	25	1.94		1.9		0.00		EPA TO-15
Vinyl acetate	25	ND		ND				EPA TO-15
Vinyl bromide	25	ND		ND				EPA TO-15
Vinyl Chloride	25	ND		ND				EPA TO-15

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	70 - 130
1,1,1-Trichloroethane	10.0	12.1	121	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4	104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.5	125	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	70 - 130
1,1-Dichloroethane	10.0	11.9	119	70 - 130
1,1-Dichloroethylene	10.0	11.7	117	70 - 130
1,2,4-Trichlorobenzene	10.0	8.22	82.2	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111	70 - 130
1,2-Dibromoethane	10.0	11.0	110	70 - 130
1,2-Dichlorobenzene	10.0	12.1	121	70 - 130
1,2-Dichloroethane	10.0	12.9	129	70 - 130
1,2-Dichloropropane	10.0	9.89	98.9	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	8.66	86.6	70 - 130
1,3,5-Trimethylbenzene	10.0	11.3	113	70 - 130
1,3-Butadiene	10.0	11.2	112	70 - 130
1,3-Dichlorobenzene	10.0	12.7	127	70 - 130
1,3-Dichloropropane	10.0	10.9	109	70 - 130
1,4-Dichlorobenzene	10.0	13.4	134 *	70 - 130
1,4-Dioxane	10.0	11.1	111	70 - 130
2,2,4-Trimethylpentane	10.0	11.6	116	70 - 130
2-Butanone	10.0	10.8	108	70 - 130
2-Hexanone	10.0	9.19	91.9	70 - 130
3-Chloropropene	10.0	11.4	114	70 - 130
4-Methyl-2-pentanone	10.0	9.45	94.5	70 - 130
Acetone	10.0	10.6	106	70 - 130
Acrylonitrile	10.0	10.5	105	70 - 130
Benzene	10.0	11.9	119	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	9.30	93.0	70 - 130
Bromodichloromethane	10.0	10.2	102	70 - 130
Bromoform	10.0	14.3	143 *	70 - 130
Bromomethane	10.0	12.7	127	70 - 130
Carbon disulfide	10.0	12.8	128	70 - 130
Carbon tetrachloride	10.0	12.7	127	70 - 130
Chlorobenzene	10.0	11.2	112	70 - 130
Chloroethane	10.0	12.7	127	70 - 130
Chloroform	10.0	11.9	119	70 - 130
Chloromethane	10.0	7.42	74.2	70 - 130
cis-1,2-Dichloroethylene	10.0	11.8	118	70 - 130
cis-1,3-Dichloropropylene	10.0	11.1	111	70 - 130
Cyclohexane	10.0	11.8	118	70 - 130
Dibromochloromethane	10.0	11.8	118	70 - 130
Dichlorodifluoromethane	10.0	11.8	118	70 - 130
Ethyl acetate	10.0	10.9	109	70 - 130
Ethyl Benzene	10.0	10.9	109	70 - 130
Hexachlorobutadiene	10.0	16.7	167 *	70 - 130
Isopropanol	10.0	9.39	93.9	70 - 130
Methyl Methacrylate	10.0	10.2	102	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.8	128	70 - 130
Methylene chloride	10.0	10.9	109	70 - 130
Naphthalene	10.0	10.0	100	70 - 130
n-Heptane	10.0	11.0	110	70 - 130
n-Hexane	10.0	11.8	118	70 - 130
o-Xylene	10.0	10.6	106	70 - 130
p- & m- Xylenes	20.0	21.0	105	70 - 130
p-Ethyltoluene	10.0	11.5	115	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51581	Laboratory ID:	BD51581-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Propylene	10.0	10.4	104	70 - 130
Styrene	10.0	11.4	114	70 - 130
Tetrachloroethylene	10.0	13.3	133 *	70 - 130
Tetrahydrofuran	10.0	11.0	110	70 - 130
Toluene	10.0	10.9	109	70 - 130
trans-1,2-Dichloroethylene	10.0	11.9	119	70 - 130
trans-1,3-Dichloropropylene	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.0	120	70 - 130
Vinyl acetate	10.0	8.71	87.1	70 - 130
Vinyl bromide	10.0	13.2	132 *	70 - 130
Vinyl Chloride	10.0	9.93	99.3	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Matrix:	Air		
Batch:	BD51611	Laboratory ID:	BD51611-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Benzyl chloride	10.0	8.78	87.8	70 - 130
Bromodichloromethane	10.0	9.62	96.2	70 - 130
Bromoform	10.0	13.6	136 *	70 - 130
Bromomethane	10.0	12.1	121	70 - 130
Carbon disulfide	10.0	12.1	121	70 - 130
Carbon tetrachloride	10.0	12.1	121	70 - 130
Chlorobenzene	10.0	10.6	106	70 - 130
Chloroethane	10.0	12.0	120	70 - 130
Chloroform	10.0	11.3	113	70 - 130
Chloromethane	10.0	8.05	80.5	70 - 130
cis-1,2-Dichloroethylene	10.0	11.2	112	70 - 130
cis-1,3-Dichloropropylene	10.0	10.5	105	70 - 130
Cyclohexane	10.0	11.2	112	70 - 130
Dibromochloromethane	10.0	11.1	111	70 - 130
Dichlorodifluoromethane	10.0	11.2	112	70 - 130
Ethyl acetate	10.0	10.2	102	70 - 130
Ethyl Benzene	10.0	10.3	103	70 - 130
Hexachlorobutadiene	10.0	15.9	159 *	70 - 130
Isopropanol	10.0	8.82	88.2	70 - 130
Methyl Methacrylate	10.0	9.65	96.5	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.1	121	70 - 130
Methylene chloride	10.0	10.3	103	70 - 130
Naphthalene	10.0	9.89	98.9	70 - 130
n-Heptane	10.0	10.4	104	70 - 130
n-Hexane	10.0	11.1	111	70 - 130
o-Xylene	10.0	10.1	101	70 - 130
p- & m- Xylenes	20.0	19.9	99.4	70 - 130
p-Ethyltoluene	10.0	10.8	108	70 - 130

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.5108796	9.163984	19.07886	1.945516E-02			30	
1,1,1-Trichloroethane	1.945123	9.682937	12.62207	2.580209E-02			30	
1,1,2,2-Tetrachloroethane	0.8752536	5.971969	20.89614	1.451648E-02			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.921933	9.732993	8.370143	2.083112E-02			30	
1,1,2-Trichloroethane	0.35923	8.598804	16.92007	2.291789E-02			30	
1,1-Dichloroethane	1.56486	4.452607	10.60836	1.734226E-02			30	
1,1-Dichloroethylene	1.316351	3.973662	8.597688	2.637153E-02			30	
1,2,4-Trichlorobenzene	0.3641083	70.78143	27.09425	1.328676E-02			30	*
1,2,4-Trimethylbenzene	1.369696	9.555254	22.63614	1.038416E-02			30	
1,2-Dibromoethane	0.5272258	15.81078	18.22971	1.837705E-02			30	
1,2-Dichlorobenzene	0.815497	23.44126	24.355	1.531723E-02			30	
1,2-Dichloroethane	1.104052	3.360132	13.15957	2.150607E-02			30	
1,2-Dichloropropane	0.2895865	3.886721	14.55343	2.088935E-02			30	
1,2-Dichlorotetrafluoroethane	2.701731	3.001544	5.374429	2.150392E-02			30	
1,3,5-Trimethylbenzene	1.327987	6.42252	21.79893	7.848137E-03			30	
1,3-Butadiene	0.6485865	4.242103	5.954571	3.013176E-02			30	
1,3-Dichlorobenzene	0.7781809	29.72179	23.46793	2.877031E-03			30	
1,3-Dichloropropane	0.4824693	7.551956	17.34593	1.942113E-02			30	
1,4-Dichlorobenzene	0.7757349	29.80654	23.65515	1.863527E-02			30	
1,4-Dioxane	0.1923753	6.489505	14.87723	2.643778E-02			30	
2,2,4-Trimethylpentane	4.166462	4.223284	12.93837	2.188906E-02			30	
2-Butanone	1.574915	3.126781	11.215	2.595589E-02			30	
2-Hexanone	0.4517673	14.13292	16.9285	2.689152E-02			30	
3-Chloropropene	0.9072515	3.017196	9.191429	3.131049E-02			30	
4-Methyl-2-pentanone	0.5113968	7.016713	15.45857	2.683374E-02			30	
Acetone	1.193605	7.971193	8.206357	5.845248E-02			30	
Acrolein	0.3816043	6.291576	8.097572	2.561975E-02			30	
Acrylonitrile	0.7533379	4.748617	9.421357	3.200473E-02			30	
Benzene	2.995693	6.43593	13.29129	1.773678E-02			30	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Instrument: TO15_AIR3
Calibration Date: 02/13/25 18:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzyl chloride	0.2546995	32.45945	23.80417	1.962213E-02			30	*
Bromodichloromethane	0.5695835	8.019297	14.91686	0.0227285			30	
Bromoform	0.5384709	29.55579	20.64393	1.384991E-02			30	
Bromomethane	0.8997606	8.253681	6.753071	8.536496E-03			30	
Carbon disulfide	2.697296	6.11523	9.478786	1.418892E-02			30	
Carbon tetrachloride	1.939362	12.59676	13.089	1.559485E-02			30	
Chlorobenzene	0.9262688	6.531842	19.02964	1.103511E-02			30	
Chloroethane	0.460661	4.939446	6.9245	3.892164E-02			30	
Chloroform	1.973287	7.35627	11.882	2.909544E-02			30	
Chloromethane	0.6694955	5.429134	5.6015	4.034131E-02			30	
cis-1,2-Dichloroethylene	1.19569	4.641126	11.60688	3.256756E-02			30	
cis-1,3-Dichloropropylene	0.4390412	9.159486	15.80921	1.302158E-02			30	
Cyclohexane	1.403985	4.912714	12.792	2.546029E-02			30	
Dibromochloromethane	0.5934745	17.32317	17.85714	0.0149053			30	
Dichlorodifluoromethane	2.276253	6.494594	5.111643	3.336524E-02			30	
Ethanol	0.4208361	28.39464	7.034357	5.754911E-02			30	
Ethyl acetate	1.809414	3.189701	11.52007	1.503803E-02			30	
Ethyl Benzene	1.45521	4.661055	19.13564	1.382524E-02			30	
Hexachlorobutadiene	0.5605023	23.05505	27.36843	9.970134E-03			30	
Isopropanol	2.492656	79.48295	7.9755	7.776036E-02			30	*
Isopropylbenzene	1.648268	6.434466	20.72021	1.598674E-02			30	
Methyl Methacrylate	0.3063682	10.72515	14.566	6.618552E-03			30	
Methyl tert-butyl ether (MTBE)	2.442565	7.308953	9.746429	7.202686E-02			30	
Methylene chloride	0.9030978	1.435133	9.343616	0.0221592			30	
Naphthalene	1.296457	45.91925	27.49	5.534952E-03			30	*
n-Butylbenzene	1.462616	21.37751	24.09264	0.0074132			30	
n-Heptane	1.334046	7.473773	13.305	2.350889E-02			30	
n-Hexane	1.349056	5.145076	10.23443	1.643846E-02			30	
n-Propylbenzene	1.920439	8.810263	21.48893	1.373389E-02			30	
o-Xylene	1.143821	6.443542	20.06514	1.010397E-02			30	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Laboratory ID: S5B1425-SCV1
Sequence: S5B1425
Standard ID: S25B219

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.4	4.0	30.00
1,1,1-Trichloroethane	10.0	10.8	8.5	30.00
1,1,2,2-Tetrachloroethane	10.0	9.67	-3.3	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	7.9	30.00
1,1,2-Trichloroethane	10.0	10.3	3.3	30.00
1,1-Dichloroethane	10.0	9.87	-1.3	30.00
1,1-Dichloroethylene	10.0	10.1	1.1	30.00
1,2,4-Trichlorobenzene	10.0	6.44	-35.6 *	30.00
1,2,4-Trimethylbenzene	10.0	10.2	2.0	30.00
1,2-Dibromoethane	10.0	10.5	5.0	30.00
1,2-Dichlorobenzene	10.0	11.0	10.0	30.00
1,2-Dichloroethane	10.0	11.5	15.2	30.00
1,2-Dichloropropane	10.0	9.83	-1.7	30.00
1,2-Dichlorotetrafluoroethane	10.0	10.1	0.7	30.00
1,3,5-Trimethylbenzene	10.0	9.86	-1.4	30.00
1,3-Butadiene	10.0	10.3	2.6	30.00
1,3-Dichlorobenzene	10.0	11.6	15.8	30.00
1,3-Dichloropropane	10.0	9.84	-1.6	30.00
1,4-Dichlorobenzene	10.0	12.2	22.3	30.00
1,4-Dioxane	10.0	10.0	0.0	30.00
2,2,4-Trimethylpentane	10.0	10.9	8.7	30.00
2-Butanone	10.0	9.75	-2.5	30.00
2-Hexanone	10.0	9.88	-1.2	30.00
3-Chloropropene	10.0	9.90	-1.0	30.00
4-Methyl-2-pentanone	10.0	9.47	-5.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25C1721
Client: PVE, LLC.
Project: 20240302
Calibration: SB50035
Laboratory ID: S5B1425-SCV1
Sequence: S5B1425
Standard ID: S25B219

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
Naphthalene	10.0	9.72	-2.8	30.00
n-Heptane	10.0	10.1	1.3	30.00
n-Hexane	10.0	10.2	2.1	30.00
o-Xylene	10.0	10.2	1.8	30.00
p- & m- Xylenes	20.0	20.4	2.0	30.00
p-Ethyltoluene	10.0	10.6	5.6	30.00
Propylene	10.0	9.82	-1.8	30.00
Styrene	10.0	10.9	8.8	30.00
Tetrachloroethylene	10.0	10.6	5.8	30.00
Tetrahydrofuran	10.0	9.60	-4.0	30.00
Toluene	10.0	9.76	-2.4	30.00
trans-1,2-Dichloroethylene	10.0	10.2	2.0	30.00
trans-1,3-Dichloropropylene	10.0	10.5	4.7	30.00
Trichloroethylene	10.0	10.1	0.9	30.00
Trichlorofluoromethane (Freon 11)	10.0	10.9	9.2	30.00
Vinyl acetate	10.0	5.63	-43.7 *	30.00
Vinyl bromide	10.0	11.3	13.0	30.00
Vinyl Chloride	10.0	9.93	-0.7	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030439.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2211	Injection Date:	04/21/25
Lab Sample ID:	S5D2211-CCV1	Injection Time:	10:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	14.0	0.5384709	0.7805773		45.0	30 *	
Bromomethane	A	10.0	12.7	0.8997606	1.142292		27.0	30	
Carbon disulfide	A	10.0	12.4	2.697296	3.336638		23.7	30	
Carbon tetrachloride	A	10.0	12.8	1.939362	2.491455		28.5	30	
Chlorobenzene	A	10.0	11.1	0.9262688	1.028121		11.0	30	
Chloroethane	A	10.0	12.7	0.460661	0.5853194		27.1	30	
Chloroform	A	10.0	11.9	1.973287	2.343467		18.8	30	
Chloromethane	A	10.0	7.90	0.6694955	0.5292633		-20.9	30	
cis-1,2-Dichloroethylene	A	10.0	11.8	1.19569	1.403576		17.4	30	
cis-1,3-Dichloropropylene	A	10.0	11.5	0.4390412	0.5046922		15.0	30	
Cyclohexane	A	10.0	11.8	1.403985	1.653189		17.7	30	
Dibromochloromethane	A	10.0	12.2	0.5934745	0.7213041		21.5	30	
Dichlorodifluoromethane	A	10.0	12.4	2.276253	2.814766		23.7	30	
Ethyl acetate	A	10.0	10.6	1.809414	1.921877		6.2	30	
Ethyl Benzene	A	10.0	11.0	1.45521	1.594018		9.5	30	
Hexachlorobutadiene	A	10.0	15.4	0.5605023	0.8633278		54.0	30 *	
Isopropanol	A	10.0	9.12	2.492656	1.623422		-34.9	30 *	
Methyl Methacrylate	A	10.0	10.1	0.3063682	0.3092808		1.0	30	
Methyl tert-butyl ether (MTBE)	A	10.0	12.8	2.442565	3.123973		27.9	30	
Methylene chloride	A	10.0	11.1	0.9030978	1.005883		11.4	30	
Naphthalene	A	10.0	8.01	1.296457	1.220331		-5.9	30	
n-Heptane	A	10.0	11.1	1.334046	1.476091		10.6	30	
n-Hexane	A	10.0	11.8	1.349056	1.589545		17.8	30	
o-Xylene	A	10.0	10.7	1.143821	1.220102		6.7	30	
p- & m- Xylenes	A	20.0	21.0	1.106659	1.162621		5.1	30	
p-Ethyltoluene	A	10.0	11.4	1.605136	1.802852		12.3	30	
Propylene	A	10.0	11.2	0.4153849	0.4662162		12.2	30	
Styrene	A	10.0	11.3	0.8774307	0.9906279		12.9	30	
Tetrachloroethylene	A	10.0	13.4	0.4605119	0.6161518		33.8	30 *	
Tetrahydrofuran	A	10.0	11.1	0.883823	0.9787799		10.7	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030439.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2211	Injection Date:	04/21/25
Lab Sample ID:	S5D2211-CCV1	Injection Time:	10:28

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Toluene	A	10.0	11.2	1.023316	1.142223		11.6	30	
trans-1,2-Dichloroethylene	A	10.0	11.8	1.244772	1.466213		17.8	30	
trans-1,3-Dichloropropylene	A	10.0	11.8	0.3773475	0.4455037		18.1	30	
Trichloroethylene	A	10.0	10.7	0.3756243	0.4033178		7.4	30	
Trichlorofluoromethane (Freon 11)	A	10.0	12.0	2.215284	2.663622		20.2	30	
Vinyl acetate	A	10.0	9.42	1.870941	1.762183		-5.8	30	
Vinyl bromide	A	10.0	13.4	0.8930613	1.193621		33.7	30 *	
Vinyl Chloride	A	10.0	10.3	0.9204408	0.9463397		2.8	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25C1721
Client:	PVE, LLC.	Project:	20240302
Instrument ID:	TO15_AIR3	Calibration:	SB50035
Lab File ID:	TV030467.D	Calibration Date:	02/13/25 18:13
Sequence:	S5D2228	Injection Date:	04/22/25
Lab Sample ID:	S5D2228-CCV1	Injection Time:	10:48

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	Q
Bromoform	A	10.0	13.9	0.5384709	0.7743887		43.8	30 *	
Bromomethane	A	10.0	12.2	0.8997606	1.093396		21.5	30	
Carbon disulfide	A	10.0	11.8	2.697296	3.192929		18.4	30	
Carbon tetrachloride	A	10.0	12.4	1.939362	2.403082		23.9	30	
Chlorobenzene	A	10.0	11.0	0.9262688	1.015235		9.6	30	
Chloroethane	A	10.0	12.1	0.460661	0.5593808		21.4	30	
Chloroform	A	10.0	11.4	1.973287	2.250891		14.1	30	
Chloromethane	A	10.0	8.43	0.6694955	0.5644512		-15.7	30	
cis-1,2-Dichloroethylene	A	10.0	11.4	1.19569	1.363029		14.0	30	
cis-1,3-Dichloropropylene	A	10.0	11.0	0.4390412	0.4818542		9.8	30	
Cyclohexane	A	10.0	11.4	1.403985	1.601052		14.0	30	
Dibromochloromethane	A	10.0	11.2	0.5934745	0.6670926		12.4	30	
Dichlorodifluoromethane	A	10.0	11.3	2.276253	2.576825		13.2	30	
Ethyl acetate	A	10.0	10.3	1.809414	1.856124		2.6	30	
Ethyl Benzene	A	10.0	10.7	1.45521	1.561337		7.3	30	
Hexachlorobutadiene	A	10.0	15.3	0.5605023	0.8551543		52.6	30 *	
Isopropanol	A	10.0	8.79	2.492656	1.564025		-37.3	30 *	
Methyl Methacrylate	A	10.0	9.82	0.3063682	0.3010007		-1.8	30	
Methyl tert-butyl ether (MTBE)	A	10.0	12.3	2.442565	3.006884		23.1	30	
Methylene chloride	A	10.0	10.5	0.9030978	0.9569145		6.0	30	
Naphthalene	A	10.0	8.05	1.296457	1.227793		-5.3	30	
n-Heptane	A	10.0	10.8	1.334046	1.441058		8.0	30	
n-Hexane	A	10.0	11.4	1.349056	1.531848		13.5	30	
o-Xylene	A	10.0	10.5	1.143821	1.195579		4.5	30	
p- & m- Xylenes	A	20.0	20.6	1.106659	1.136723		2.7	30	
p-Ethyltoluene	A	10.0	11.2	1.605136	1.770048		10.3	30	
Propylene	A	10.0	9.99	0.4153849	0.4152574		-0.03	30	
Styrene	A	10.0	11.1	0.8774307	0.9725415		10.8	30	
Tetrachloroethylene	A	10.0	12.6	0.4605119	0.5782026		25.6	30	
Tetrahydrofuran	A	10.0	10.7	0.883823	0.9443554		6.8	30	

Air Sampling Media Request Form

Canister Order No.: 9716

132-02 89th Avenue
Richmond Hill, NY 11418
TEL: 203-325-1371

Alt Ord No.: 1155873
Order Date: 02/25/2025
Requested By: nlovari

Client **PVE**
Address 48 Springside Avenue
Poughkeepsie,NY 12603
Phone 845-454-2544

Client Contact: Sam Ambrose
Hardware Needed: 03/24/2025
Expected Return Date: 03/27/2025 18:30
Ship Date:

Delivery Method **Drop of Address** **Special Instructons:**
York Courier

Type of Sample

Type	Size	Technique	Flow Rate	Sample Time(hr)	Quantity	IndivCert	Digital Gauge
Canister	6	RestrictedSampling		24	6	NO	NO

Hardware Details

Lab Number	Type	Serial #	Description	Cert Batch No.	Flow Rate (ml/min)
25C1721-01	**6**	**37000**	**Canister**	**11068**	
25C1721-01	**CS1200E**	**20451**	**FlowController**		**10.8**
25C1721-02	**6**	**24254**	**Canister**	**11069**	
25C1721-02	**CS1200E**	**20438**	**FlowController**		**10.8**
25C1721-03	**6**	**50376**	**Canister**	**11068**	
25C1721-03	**CS1200ES**	**13571**	**FlowController**		**10.8**
25C1721-04	**6**	**18299**	**Canister**	**11069**	
25C1721-04	**CS1200E**	**20439**	**FlowController**		**10.8**
25C1721-05	**6**	**34497**	**Canister**	**11055**	
25C1721-05	**CS1200ES4**	**19428**	**FlowController**		**10.8**
25C1721-06	**6**	**34496**	**Canister**	**11069**	
25C1721-06	**CS1200E**	**20233**	**FlowController**		**10.8**
25C1721-07	**6**	**50378**	**Canister**	**11069**	
25C1721-07	**CS1200ES2**	**16421**	**FlowController**		**10.8**
25C1721-08	**6**	**52073**	**Canister**	**11069**	
25C1721-08	**CS1200E2**	**7087**	**FlowController**		**10.8**
25C1721-09	**6**	**49981**	**Canister**	**11055**	
25C1721-09	**CS1200E**	**17895**	**FlowController**		**10.8**
25C1721-10	**6**	**50305**	**Canister**	**11068**	
25C1721-10	**CS1200ES3**	**16419**	**FlowController**		**10.8**
25C1721-11	**6**	**23800**	**Canister**	**11069**	
25C1721-11	**CS1200E**	**20452**	**FlowController**		**10.8**
25C1721-12	**6**	**49576**	**Canister**	**11068**	
25C1721-12	**CS1200ES2**	**16423**	**FlowController**		**10.8**
25C1721-13	**6**	**50306**	**Canister**	**11068**	
25C1721-13	**CS1200E**	**20442**	**FlowController**		**10.8**
25C1716-01	6	48303	Canister	11069	
25C1716-01	CS1200E	20416	FlowController		3.6
25C1716-02	6	24058	Canister	11062	
25C1716-02	CS1200ES4	19384	FlowController		3.6
25C1716-03	6	28314	Canister	11062	
25C1716-03	CS1200ES4	19396	FlowController		3.6
25C1716-04	6	37794	Canister	11062	
25C1716-04	CS1200E	20232	FlowController		3.6
25C1716-05	6	42997	Canister	11068	
25C1716-05	CS1200E	20458	FlowController		3.6
25C1716-06	6	24163	Canister	11055	
25C1716-06	CS1200E	20436	FlowController		3.6
	6		Canister		

Air Laboratory Bench Sheet

Batch BD51581 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1721-01	37000	-6.00	-6.00	-5.83 InHg	4.77	1.65	400	1.00	1.65	11068
9716	25C1721-02	24254	-2.00	-2.00	-0.11 InHg	4.98	1.34	750	0.53	0.72	11069
9716	25C1721-05	34497	-2.00	-2.00	-0.83 InHg	5.01	1.38	400	1.00	1.38	11055
9716	25C1721-06	34496	-3.00	-3.00	-3.10 InHg	5.23	1.51	750	0.53	0.81	11069
9716	25C1721-07	50378	-4.00	-3.00	-2.17 InHg	5.47	1.48	400	1.00	1.48	11069
9716	25C1721-08	52073	-2.00	-2.00	-0.73 InHg	5.49	1.41	750	0.53	0.75	11069
9716	25C1721-09	49981	-4.00	-5.00	-2.24 InHg	5.38	1.48	400	1.00	1.48	11055
9716	25C1721-10	50305	-2.00	-2.00	-0.69 InHg	6.92	1.51	750	0.53	0.80	11068
9716	25C1721-11	23800	-3.00	-4.00	-2.48 InHg	5.06	1.47	750	0.53	0.78	11069
9716	25C1721-12	49576	-7.00	-6.00	-7.16 InHg	4.95	1.76	750	0.53	0.94	11068
9716	25C1721-13	50306	-4.00	-2.00	-1.26 InHg	5.26	1.42	750	0.53	0.76	11068

Batch BD51611 **Prepared** 03/21/2025 11:09

Can Order Number	Lab Number	Hardware Serial #	Field Final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch NO.
9716	25C1721-03	50376	-8.00	-8.00	-7.61 InHg	5.30	1.82	400	1.00	1.82	11068
9716	25C1721-04	18299	-2.00	-1.00	-1.63 InHg	4.23	1.36	750	0.53	0.73	11069

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

Appendix F

NYSDEC Approval of Deviation from CMWP

From: Jalanti, Caroline B (DEC)
To: Sam Ambrose
Cc: Maloney, Kerry A (DEC); Ockerby, Renata E (HEALTH)
Subject: RE: Site No C314116 -- Cornerstone Enterprises -- SVI Update
Date: Tuesday, April 1, 2025 11:03:24 AM
Attachments: image001.png

Hi Sam,

Yes, the systems should be restarted.

Also, the deviation noted in your 3/28 email below is acceptable.

CAROLINE JALANTI, P.E. *(she/her/hers)*
Professional Engineer 1
New York State Department of Environmental Conservation
Division of Environmental Remediation | Bureau C
625 Broadway, Albany, NY 12233-4500
w: (518) 402-9650 | caroline.jalanti@dec.ny.gov
dec.ny.gov | @NYSDEC on Social Media | Podcast

From: Sam Ambrose <sambrose@pve-llc.com>
Sent: Tuesday, April 1, 2025 10:56 AM
To: Jalanti, Caroline B (DEC) <Caroline.Jalanti@dec.ny.gov>
Cc: Maloney, Kerry A (DEC) <kerry.maloney@dec.ny.gov>
Subject: RE: Site No C314116 -- Cornerstone Enterprises -- SVI Update

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Caroline,

Just following up on the email below. We can likely get access to both sides of the basement tomorrow or Thursday, so wanted to confirm that we should restart the systems. Thank you,

Sam Ambrose, PG
Project Manager, PVE
o: 845-454-2544 ext. 303 m: 724-317-4110
pve-llc.com

From: Sam Ambrose <sambrose@pve-llc.com>
Sent: Friday, March 28, 2025 9:36 AM

To: Jalanti, Caroline B (DEC) <Caroline.Jalanti@dec.ny.gov>
Cc: Maloney, Kerry A (DEC) <kerry.maloney@dec.ny.gov>
Subject: RE: Site No C314116 -- Cornerstone Enterprises -- SVI Update

Good morning, Caroline,

Please find the attached Daily Field Reports for 33 East Main Street, Pawling.

The field team did not restart the SSD systems yesterday, as they were hesitant to restart a potential 30-day wait period required to resample. Confirming with you that we can restart the systems as soon as we can get access.

Lastly, as previously discussed, no permanent monitoring points are present at the property. We are requesting a deviation from the CMWP, in which performance testing of the SSD systems will be conducted only if there are detected concentrations of any of the 21 compounds regulated by NYSDOH which would require mitigation.

Thank you,

Sam Ambrose, PG
Project Manager, PVE
o: 845-454-2544 ext. 303 m: 724-317-4110
pve-llc.com

From: Jalanti, Caroline B (DEC) <Caroline.Jalanti@dec.ny.gov>
Sent: Friday, March 28, 2025 8:22 AM
To: Sam Ambrose <sambrose@pve-llc.com>
Cc: Maloney, Kerry A (DEC) <kerry.maloney@dec.ny.gov>
Subject: RE: Site No C314116 -- Cornerstone Enterprises -- SVI Update

Hey Sam,

Following up with a reminder about the daily reports for the SVI event. Please have them in by COB today.

CAROLINE JALANTI, P.E. *(she/her/hers)*
Professional Engineer 1

New York State Department of Environmental Conservation
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