Technical Memorandum

EnviroTrac Engineering PE, PC
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Prepared for: ZWorldwide Enterprises LLC

Project Title: Former Baron Blakeslee Property Site Number C152204

Project No.: 00.02001497.00

Technical Memorandum

Subject: 2026 Annual Periodic Review Report and Certification
Sub-Slab Depressurization System Date: July 2025– July 2026

To: Jared Donaldson; New York State Department of Environmental Conservation

From: Dale Konas, PE; EnviroTrac Engineering PE, PC

Copy to: Mr. Peter Zimiles, ZWorldwide Enterprises, LLC



August 12, 2026

Prepared by: _____

Dale Konas, PE, License No. 081035, Expiration Date: 08/31/2026

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Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C152204

Site Name Former Baron Blakeslee Site

Site Address: 86 Cleveland Avenue Zip Code: 11706
City/Town: Bay Shore
County: Suffolk
Site Acreage: 1.810

Reporting Period: July 20, 2025 to July 30, 2026

	YES	NO
1. Is the information above correct?	☐	☑
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☑

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C152204 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
198-4-4.001	ZWorldwide Enterprises LLC.	Soil Management Plan Monitoring Plan O&M Plan Site Management Plan IC/EC Plan Landuse Restriction

-Environmental easement restricting use of the site to restricted residential, commercial, or industrial purposes
-Site management plan detailing institutional and engineering controls placed on the site

Box 4

Description of Engineering Controls

Parcel	Engineering Control
198-4-4.001	Cover System Vapor Mitigation Air Sparging/Soil Vapor Extraction

Soil vapor extraction (SVE) system to remediate sub-slab soil contamination. If necessary, a sub-slab depressurization system (SSDS), or similar engineered system, will be installed in addition to the SVE system to prevent the migration of vapor into the building from contaminated soil. Site cover will be maintained... more below.

The Department approved shut-down of the SVE via letter on 10/17/17 after soil sample results documented that restricted-residential use soil cleanup objectives have been achieved. The SSDS is continuously operating to mitigate potential vapor intrusion from remaining soil contamination.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C152204

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Tracy Garthwaite, PG (print name) at EnviroTrac LLC, 5 Old Dock Rd. Yaphank, NY 11980 (print business address),

am certifying as Designated Representative Rendering Certification (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Tracy Garthwaite

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

08/11/2026

Date

EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Dale Konas, PE at EnviroTrac Engineering PE PC, 5 Old Dock Rd. Yaphank NY 11980,
print name print business address

am certifying as a Owner for the _____
(Owner or Remedial Party)



Signature of , for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

August 12, 2026
Date

Table of Contents

List of Tables ii
List of Figures ii
List of Appendices ii
Section 1: Background 1
Section 2: SSDS 2
2.1 SSDS Status and Operations 3
2.2 SSDS Performance Evaluation 3
Section 3: Certification 6
3.1 SSDS Certification 6
3.2 Signature 6
Section 4: Site Cover Inspection 7
4.1 Site Cover 7
Section 5: Recommendations 1

List of Tables

Table 2-1 Vacuum Monitoring Point Measurements
Table 2-2 ADS and Riser Pipe Vacuum and Air Flow Measurements
Table 2-3 Indoor and Outdoor Air Chemical Analytical Results – March 2026

List of Figures

Figure 1-1 Site Location
Figure 1-2 Site Plan
Figure 2-1 Sampling Locations

List of Appendices

Appendix A – Photographic Documentation
Appendix B –SSDS Layouts (from Final Engineering Report)
Appendix C –SSDS Operation Data
Appendix D – Climate Screening Checklist
Appendix E – Laboratory Report
Appendix F – Safety Data Sheets

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Section 1: Background

EnviroTrac Engineering, PE, PC (EnviroTrac) is submitting this 2026 Periodic Review Report (PRR) and Certification for the Former Baron Blakeslee Property, Site Number C152204, located at 86 Cleveland Avenue in Bay Shore, Suffolk County, New York 11706 (hereinafter referred to as the "Site").

The Site location is shown in Figure 1-1. The Site is an approximately 1.84-acre area bounded by South 3rd Street to the north, a sand and gravel facility to the south, Cleveland Avenue to the east, and a construction materials recycling facility to the west (Figure 1-2). The property includes an approximately 47,000-square foot structure, comprising three interconnected buildings constructed of concrete block and corrugated steel on concrete slabs. At the time of the remedy implementation, the southern building was used by General Electric (GE) as an air conditioning appliance repair shop; the rest of the structure was vacant. The grounds consist of asphalt-paved parking and driveway areas with landscaped and limited vegetated areas occurring along the northern, eastern, and southern property boundaries. A chain link fence separates the abutting commercial and industrial properties to the west and south from the property.

The current owner of the Site is ZWorldwide Enterprises, LLC, which acquired the property from GE in March 2017. The new owner's tenant is Long Island Tent and Party Rental, Inc. The Site investigation and remedy implementation were conducted by GE. Brown and Caldwell (BC), on behalf GE, implemented the remedy and provided operation and maintenance services. The Site remedy, described in the NYSDEC-approved Site Management Plan (SMP) dated February 2016, includes the soil cover, the soil vapor extraction (SVE) system, the sub-slab depressurization system (SSDS), as well as institutional controls (ICs). The soil cover, the SSDS and the ICs are intended to limit the exposure to the contamination remaining at the Site. The SVE system has since been removed from the Site, but was operated until VOC concentrations in the shallow, unsaturated soil under the buildings were reduced to levels that meet the 6 NYCRR Part 375-6 SCOs for Protection of Public Health - Restricted Residential use. The NYSDEC approved the shutdown of the SVE system on October 17, 2017. Soil sampling data collected from beneath the slab in the southern warehouse in September 2016 showed that the SVE system was effective in decreasing levels of tetrachloroethylene (PCE). The SVE trailer was removed from the property, and the SVE wells were abandoned according to NYSDEC protocols by BC. The SMP requires the documentation of the annual certification of the SSDS and site cover.

This report covers the reporting and certification of the following elements and time periods of the remedy:

- The SSDS – from July 21, 2025–through July 30, 2026
- Site Cover – July 21, 2025–through July 30, 2026

  BC operated the SSDS on behalf of GE until March of 2017. Following that, the operation of the SSDS was transferred to ZWorldwide Enterprises, LLC. EnviroTrac currently monitors the SSDS on behalf of ZWorldwide Enterprises, LLC.

The remaining reporting/certification requirements as set forth in the SMP have been transferred to ZWorldwide Enterprises LLC. Photographic Documentation of the Site Certification is provided in Appendix A.

Section 2: SSDS

The SSDS is described in detail in the February 2016 FER provided by BC. The layout of the system is shown in Drawings 3 and 1A of the FER (Appendix B of this PRR). The objective of the system is to mitigate soil vapor intrusion into the onsite structure by creating a negative pressure underneath the floor slab of the structure. The SSDS originally consisted of a total of 4 roof mounted Obar GBR 76 Compact Radial Blowers, 14 suction points (SP1-1 through SP1-6, SP2-1 through SP2-3, SP3-1 through SP3-3, and SP4-1 through SP4-2), 18 manual monitoring points identified on the as-built drawings as permanent test holes (PT-1 through PT-18) and 4 Radonaway Checkpoint IIA Mitigation System Alarms. EnviroTrac installed the alarms in May 2018 to replace the previous 4 remote monitoring points tied to the Vapor Guardian 5500 monitoring system. This remote monitoring system is no longer operating.

In June 2022, EnviroTrac went to the Site to conduct the annual certification of the SSDS; however, the SSDS fans for SP1 and SP2 appeared to have failed. At the time, EnviroTrac ordered replacement fans for SP1 and SP2, but the fans appeared to be on back order. The owner of the property, ZWorldwide Enterprises, LLC, requested if we could turn all SSDS fans off and conduct a follow-up Soil Vapor Intrusion (SVI) Investigation to determine if the SSDS was still needed. In August 2022, EnviroTrac requested from the NYSDEC if all SSDS fans could be turned off for a period of six weeks followed by a follow-up SVI Investigation during the heating season (November 15 to March 31).

In consultation with the New York State Department of Health (NYSDOH), the NYSDEC accepted this request on September 1, 2022, and requested that a work plan for the above tasks be submitted for review. The order for the SSDS fans that were on back order was put on hold. On October 14, 2022, EnviroTrac returned to the Site to record the vacuum at the PT locations, which showed no to limited vacuum at PT locations surrounding SP1 and SP2 and acceptable vacuum at PT locations surrounding SP3 and SP4. Following the vacuum readings, the remaining working SSDS fans (SP-3 and SP4) were shut down. Since the SSDS was not operating correctly, the PRR could not be certified by an engineer. The work plan to conduct the SVI Investigation was submitted to the NYSDEC on November 21, 2022. The work plan was accepted by the NYSDEC on December 16, 2022.

The SVI Investigation was conducted on January 5, 2023, and included the collection of 4 sub-slab soil vapor samples (SS-1 through SS-4) below the concrete slab of the office and warehouses, the collection of four indoor air samples (IA-1 through IA-4) paired with the sub-slab soil vapor samples, and the collection of an outdoor air sample (OA-1). SS-1 and IA-1 were collected from the southern warehouse. SS-2 and IA-2 and SS-3 and IA-3 were collected from the main warehouse. SS-4 and IA-4 were collected from the offices. The samples were collected over an eight (8) hour period and laboratory analyzed for volatile organic compounds (VOCs) via US EPA Method TO-15. A helium gas test was conducted at each sub-slab soil vapor sample location and the NYSDOH building questionnaire and chemical inventory sheets were completed. The results of the SVI Investigation showed that due to slightly elevated PCE concentrations in sub-slab soil vapor sample SS-2 (southwestern portion of the main warehouse), mitigation was still required for this area. No exceedances of the NYSDOH Air Guideline Values were reported for the indoor air samples. Based on the SVI Investigation results, EnviroTrac recommended that SSDS fan, SP2, be replaced and turned back on while the remaining fans, SP1, SP3, and SP-4, remain off and that follow-up indoor air samples (at locations IA-1 through IA-4) be collected from the building during the heating season for the next SSDS annual certification. The SVI Investigation Report was provided to the NYSDEC and NYSDOH for review on January 23, 2023. Revisions were made in accordance with a NYSDEC and NYSDOH comment letter dated March 30, 2023, and the request to operate SP2 only at the Site was approved via email dated March 30, 2023. The final SVI Investigation Report was dated March 31, 2023, and provided to the NYSDEC. The SSDS fan at SP3 was removed and placed at location SP2 on the roof and was turned back on, on April 27, 2023. Based on the SVI

Investigation results, human health within the building was protected since no indoor air sample results exceeded the available NYSDOH Air Guideline Values.

2.1 SSDS Status and Operations

During the period of the SSDS operation covered by this PRR (July 2025 to July 2026), the onsite structure was occupied by Long Island Tent and Party Rental, Inc. and utilized for the storage of party tents, tables, chairs, and other miscellaneous party rental items.

The SSDS was constructed in October-November 2015, and the system start-up occurred in November 2015 – January 2016. Additional system adjustments were performed in February 2016. SSDS fans SP1 and SP2 were shown to have failed in June 2022. Approval to temporarily shut down the operating SSDS fans was requested in August 2022 and approved in September 2022. All SSDS fans were temporarily shut down on October 4, 2022, and remained off until April 27, 2023, when only SP2 was replaced and turned back on. This action was approved by the NYSDEC and NYSDOH on March 30, 2023.

Following the initial installation of the SSDS, quarterly system inspections were performed starting in March 2016, with the exception of September 2016, when the operation of the system was suspended to allow for the completion of the soil sampling program. Since June 2017, the SSDS inspection has been conducted on an annual basis. Due to the failure of 2 SSDS fans in June 2022, all SSDS fans were allowed to remain off for a period of 6 weeks followed by an SVI Investigation. Based on the results of the SVI Investigation, only SSDS SP2 will operate on a continuous basis while SSDS fans SP1, SP3, and SP4 will remain off. The SSDS piping has not been dismantled at the Site and will remain in place until approval is provided for permanent removal by the NYSDEC and the NYSDOH.

EnviroTrac visited the Site on July 30, 2026, to conduct the annual SSDS certification for SP2 only. The alarm system for SP2 was plugged in and properly operating. SSDS inspection data are shown in Appendix C. The following parameters were recorded:

- Air flow rate at suction pits associated with SP2
- Vacuum at suction points associated with SP2
- Vacuum at monitoring points surrounding SP2 suction pits

Equipment used to obtain SSDS performance data are as follows:

- SSDS blower performance data for SP2 were obtained from system instrumentation;
- SSDS riser flow measurements were obtained using an anemometer (TSI – Model VelociCalc 9545);
- SSDS riser vacuum data were obtained using a (0-40 inches water column) digital micromanometer (UEI – Model EM201B); and
- All permanent test ports (PT) sub-slab vacuum data were obtained using a low range (0-40 inches water column) digital micromanometer (UEI – Model EM201B).

Data are summarized in Table 2-1 (flow rates and vacuums at suction points associated with SP2) and 2-2 (vacuums at monitoring points surrounding the suction pits associated with SP2).

The Climate Screening Checklist for the Site in included as an Appendix D.

2.2 SSDS Performance Evaluation

Vacuum levels at the monitoring points were recorded during one (1) event on July 30, 2026. No access

issues were reported for the monitoring points.

2.2.1 SSDS Suction Points

The total extraction rate for the SSDS SP2 was stable on July 30, 2026, at approximately 131.12 acfm. The vacuum at the suction points for the points tributary to the blowers serving the southwest portion of the main building/warehouse (SP2-1 through SP2-3) was between approximately -16.16 and -16.23 in. w.c. These flow rates and vacuums indicate that the SSDS is operating as designed.

2.2.2 SSDS Monitoring Points

The sub-slab vacuums were recorded for the PTs surrounding SP2-1 through SP2-3 (PT-4 and PT-5 located in the southern warehouse, and PT-7, PT-8, PT-9, PT-10, PT-11, and PT-12 located in the main warehouse) were maintained at levels higher than the SMP criterion of -0.004 in. w.c. Sub-slab vacuum was also recorded for PT-14, which is outside the radius of influence for SP2 and showed -0.002 in. w. c., which is just slightly below the SMP criterion, but since this PT location is outside the expected area of influence, no further action appears necessary. Photoionization detector (PID) readings were also collected from the PT locations listed above. No PID readings over 0.0 parts per million (ppm) were measured.

In summary, the SSDS fan associated with SP2 is operating as designed as shown during the annual monitoring event that occurred on July 30, 2026, and maintained sub-slab vacuum levels higher than -0.004 in. w.c.

2.2.3 Indoor and Outdoor Air Sampling

The indoor air samples (IA-1, IA-2, IA-3, and IA-4) were collected within the building, and the outdoor air sample (OA-1) was collected within the parking area during the heating season (November 15 to March 31) on March 17, 2026. The indoor and outdoor air samples were collected into 6L Summa Canisters equipped with eight (8) hour flow controllers and were placed three (3) to four (4) feet above the floor/ground within the southern warehouse, main warehouse, office, and eastern parking lot. The sample locations are shown on Figure 2-1. The indoor and outdoor air sampling results for March 2026 are provided in Table 2-3. The laboratory report is provided in Appendix E.

The results showed that there was an overall decrease in volatile organic compounds (VOCs) since the last sampling event conducted on January 16, 2025, with the exception of ethanol, which showed slight increases for the indoor air samples collected from the warehouses. Previously select VOCs, including ethyl acetate, methyl ethyl ketone (MEK), and toluene, were shown at elevated concentrations in the indoor air samples collected in January 2025. The results were compared to the Safety Data Sheets (SDSs) for chemicals stored and used at the Site. A vinyl cement/glue used to repair holes in the tents at the Site was found to contain toluene, MEK, and methyl acetate. The glue was reportedly utilized by the workers in the south warehouse a few days prior to the annual air sampling event in January 2026. There were also a few slight detections of petroleum products which could be related to a pin hole patch material used on the tents and the use of the forklift within the south warehouse during the sampling event. Safety Data Sheets (SDSs) for the chemicals utilized at the tent rental facility are provided in Appendix F. Several VOCs have decreased in concentration for the indoor air samples since January 2025 as shown in the March sampling event.

The contaminants of concern, tetrachloroethene (PCE) and trichloroethene (TCE), remained low and below their NYSDOH Air Guideline Values.

Based on the indoor air sampling results, the SSDS (SP2) is operating properly and since the shutdown of the other three (3) SSDS fans (SP1, SP3, and SP4), there has not been any impacts to the indoor air within the

building with the exception of the vapors emanating from chemicals used to repair the tents and the use of the forklift in January 2025; however, the previously detected vapors have shown to decrease in the March 2026 sampling event.

Section 3: Certification

3.1 SSDS Certification

I certify that all of the following statements are true:

- The SSDS employed at this Site was modified since its installation in November 2015 and includes operating SSDS fan SP2 only. This modification was approved by the NYSDEC and NYSDOH on March 30, 2023. Based on the SVI Investigation results, the indoor air within the building was not impacted following an 11-week shutdown of all SSDS fans and prior failure of SSDS fans SP1 and SP2. Therefore, human health was not impacted during the shutdown period or failure period for the SSDS. This PRR covers the period July 2025 to July 2026;
- Two SSDS fans failed as of June 2022. The NYSDEC and NYSDOH approved that all SSDS fans could be temporarily shut down by October 14, 2022. Based on the results of the January 2023 SVI Investigation, the sub-slab soil vapor and indoor air sample results do not indicate that mitigation is required in the areas of SSDS fans SP1, SP3, and SP4, but is still required in the area of SSDS fan SP2. The NYSDEC and NYSDOH agreed that only SSDS fan SP2 was required to operate at the Site. Nothing has occurred that would impair the ability of SSDS at the Site to protect the public health and the environment. This PRR covers the period July 2025 to July 2026;
- Indoor air sample results collected on March 17, 2026, show that the remaining SSDS fan, SP2, is operating properly and that no indoor air impacts have been reported since the shutdown of the remaining SSDS fans SP1, SP3, and SP4;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for the SSDS during the period covered by this PRR (July 2025 to July 2026);
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program; and
- The information presented in this report is accurate and complete.

3.2 Signature

I certify that all information and statements in Sections 3.1 above are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Dale Konas, of EnviroTrac Engineering, PE, PC, 5 Old Dock Road, Yaphank, NY 11980, am certifying as ZWorldwide Enterprises, LLC, for the Site for the periods indicated above.

Dale Konas, PE



_____

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Section 4: Site Cover Inspection

4.1 Site Cover

EnviroTrac inspected the site cover at the Site on July 30, 2026. No changes to the site cover were noted since the last site certification. The Site is still being used for commercial purposes by LI Tent Rental for office space, storage of tents and furniture for events and parties, storage of equipment for moving and loading tents and furniture into delivery trucks, and the parking of delivery trucks. The site cover consists of concrete and asphalt pavement as well as landscaped/lawn areas on the exterior portions, and the building and concrete slab for the interior portions. No evidence of cuts, holes, or excavations were observed for the site cover.

Section 5: Recommendations

Based on the second round of indoor air sampling results at the Site in March 2026, the glue and tent repair chemicals and forklift exhaust previously detected in the indoor air samples during the January 2025 sampling event, have shown to decrease when compared to the March 2006 sampling event. PCE and TCE concentrations (contaminants of concern) detected in the indoor air samples have remained low. EnviroTrac recommends that no additional indoor air sampling events would be required for the Site and that annual SSDS certifications and site cover inspections continue to show that the remaining operating SSDS fan, SP-2, continues to mitigate any potential vapors in the sub-slab soil from entering the building.

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TABLES

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Table 2-1
Vacuum Monitoring Point Measurements
86 Cleveland Avenue, Bay Shore, NY

Vacuum Monitoring Point	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
PT-1	NA	NA	-0.063	-0.027	-0.029	-0.031	-0.052	-0.061	NA	-0.031	-0.086	0.000	NA	NA	NA	NA
PT-2	-0.040	NA	-0.042	-0.020	-0.020	-0.020	-0.039	-0.044	NA	-0.277	-1.024	0.000	NA	NA	NA	NA
PT-3	-0.030	NA	-0.127	-0.042	-0.040	-0.121	-0.145	-0.155	NA	-0.064	-0.060	0.000	NA	NA	NA	NA
PT-4	-0.060	-0.150	-0.382	-0.020	-0.020	-0.020	-0.121	-0.091	NA	-0.080	-0.257	0.000	-0.030	-0.035	-0.032	-0.038
PT-5	-0.010	NA	-0.001	-0.064	-0.066	-0.036	-0.046	-0.087	NA	-0.409	-0.286	0.000	-0.008	-0.011	-0.010	-0.010
PT-6	-0.030	NA	-0.007	-0.022	-0.028	-0.210	-0.193	-0.261	NA	-0.108	-0.100	0.000	NA	NA	NA	NA
PT-7	-0.004	NA	-0.027	-0.017	-0.016	-0.018	-0.010	-0.024	NA	-0.013	-0.011	0.000	-0.009	-0.010	-0.009	-0.012
PT-8	-0.005	NA	-0.523	-0.059	-0.044	-0.040	NA	NA	-0.036	-0.011	-0.010	0.000	-0.010	-0.053	-0.069	-0.072
PT-9	-0.004	NA	-0.005	-0.022	-0.020	-0.127	NA	NA	-0.114	-0.024	-0.016	0.000	-0.011	-0.020	-0.022	-0.020
PT-10	-0.280	NA	-0.444	-0.114	-0.111	-0.768	-1.088	-0.415	NA	-0.139	-0.194	0.000	-0.100	-0.173	-0.252	-0.249

Vacuum Monitoring Point	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
PT-11	-0.060	NA	-0.052	-0.045	-0.044	-0.05	-0.48	-0.062	NA	-0.047	-0.021	0.000	-0.014	-0.029	-0.014	-0.008
PT-12	-0.015	NA	-0.368	-0.236	-0.222	-0.148	-0.098	-0.319	NA	-0.145	-0.079	-0.061	-0.009	-0.570	-0.060	-0.010
PT-13	-0.004	NA	-0.051	-0.046	-0.045	-0.126	0.114	NA	-0.094	-0.071	-0.025	-0.010	0.000	-0.009	-0.010	-0.009
PT-14	-0.020	NA	-0.046	-0.105	-0.100	-0.096	-0.026	NA	-0.026	-0.014	-0.012	-0.009	0.000	-0.006	-0.004	-0.002
PT-15	-0.100	NA	-0.015	-0.488	-0.400	-0.022	-0.014	NA	-0.019	-0.010	-0.010	-0.010	NA	NA	NA	NA
PT-16	-0.004	NA	-0.001	-0.717	-0.722	-0.02	-0.016	NA	-0.021	-0.010	-0.010	-0.012	NA	NA	NA	NA
PT-17	-0.005	NA	-0.043	-0.071	-0.071	-0.028	NA	NA	-0.044	-0.012	-0.011	-0.010	NA	NA	NA	NA
PT-18	-0.004	NA	-0.002	-0.230	-0.219	-0.026	-0.021	NA	-0.032	-0.009	-0.009	-0.010	NA	NA	NA	NA

Notes:
PT - Test Point
NA = Not Available

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Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

ADS Blowers	Vacuum Measurement inches of water													
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
B-1	NA	NA	-2	-1.6	-1	-3	-1.8	-2.0	-4.0	0.0	0.0	0.0	0.0	0.0
B-2	NA	NA	-12	-13	-11	-15	-12.5	-9.0	-14.0	0.0	0.0	-15.0	-15.0	-15.0
B-3	NA	NA	-10	-17.5	-9	-10	-10.5	-16.0	-2.0	-2.0	-1.0	0.0	0.0	0.0
B-4	NA	NA	-4.2	-4.5	-4	-4	-4.2	-4.0	-4.0	-4.0	0.0	0.0	0.0	0.0

Notes:

B = Blower

NA = Not Available

EnviroTrac

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
1-1	NA	NA	-1.875	-0.072	-0.673	-2.728	-1.371	-4.29	NA	-1.529	-3.589	0.00	NA	NA	NA	NA
1-2	NA	NA	-1.821	-0.036	-0.612	-2.78	-1.687	-3.902	NA	-1.503	-3.561	0.00	NA	NA	NA	NA
1-3	NA	NA	-1.837	-0.212	-0.547	-2.549	-1.647	-4.264	NA	-1.477	-3.655	0.00	NA	NA	NA	NA
1-4	NA	NA	-1.76	-0.939	-0.513	-2.626	-1.6	-4.154	NA	-1.468	-3.594	0.00	NA	NA	NA	NA
1-5	NA	NA	-1.785	-0.744	-0.381	-2.546	-1.693	-3.998	NA	-1.410	-3.468	0.00	NA	NA	NA	NA
1-6	NA	NA	-1.822	-1.059	-0.558	-2.511	-1.617	-4.071	NA	-1.475	-3.482	0.00	NA	NA	NA	NA
2-1	NA	NA	-12.37	-14.390	-11.580	-15.38	-15.12	-15.13	NA	-9.536	-15.26	0.00	-0.52	-15.83	-16.25	-16.16
2-2	NA	NA	-12.26	-0.348	-11.530	-15.3	-15.03	-15.19	NA	-9.381	-15.15	0.00	-0.57	-15.16	-16.17	-16.23
2-3	NA	NA	-12.46	-14.410	-11.700	-16.42	-14.98	-15.8	NA	-9.672	-15.56	0.00	-0.52	-15.53	-16.11	-16.18
3-1	NA	NA	-10.49	-0.358	-9.384	-10.43	-12.31	NA	-20.82	-16.30	-0.792	-0.643	NA	NA	NA	NA
3-2	NA	NA	-10.28	-0.475	-8.764	-10.22	-9.34	NA	-20.28	-15.41	-0.802	-0.591	NA	NA	NA	NA
3-3	NA	NA	-10.30	-0.255	-8.898	-10.28	-10.49	NA	-20.43	-15.87	-0.766	-0.633	NA	NA	NA	NA
4-1	NA	NA	NA	NA	-4.222	-4.113	-4.01	-4.429	NA	-4.169	-3.546	-4.111	NA	NA	NA	NA
4-2	NA	NA	NA	NA	-4.016	-4.039	-3.981	-4.088	NA	-3.888	-3.775	-3.701	NA	NA	NA	NA

Note:

NA = Not Available

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Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Air Flow cubic feet per miter															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
1-1	NA	NA	1.31	2.22	1.980	1.66	1.83	7.98	NA	2.52	3.72	0.00	NA	NA	NA	NA
1-2	NA	NA	2.40	1.45	3.790	1.74	2.71	15.3	NA	2.19	6.75	0.00	NA	NA	NA	NA
1-3	NA	NA	1.27	5.95	3.850	10.19	8.93	9.42	NA	7.50	9.31	0.00	NA	NA	NA	NA
1-4	NA	NA	21.41	41.02	22.250	29.23	21.93	32.95	NA	20.70	31.18	0.00	NA	NA	NA	NA
1-5	NA	NA	20.03	65.16	45.240	40.7	28.36	39.67	NA	27.50	36.11	0.00	NA	NA	NA	NA
1-6	NA	NA	14.93	26.35	15.420	25.39	16.1	30.94	NA	19.60	31.25	0.00	NA	NA	NA	NA
2-1	NA	NA	10.06	21.43	10.010	17.07	17.38	23.75	NA	25.80	30.10	0.00	30.00	20.94	25.10	29.11
2-2	NA	NA	19.37	18.39	14.610	16.52	17.15	16.25	NA	28.40	21.64	0.00	22.02	20.56	24.88	25.02
2-3	NA	NA	16.55	27.36	24.420	21.47	16.39	25.08	NA	18.60	30.39	0.00	30.44	69.57	77.13	76.99
3-1	NA	NA	13.07	22.54	11.190	12.66	21.01	NA	25.64	25.40	3.59	7.61	NA	NA	NA	NA
3-2	NA	NA	25.26	65.54	40.490	27.08	26.12	NA	42.33	53.50	4.01	8.98	NA	NA	NA	NA
3-3	NA	NA	15.60	40.33	24.660	18.56	17.51	NA	33.82	37.40	6.73	9.60	NA	NA	NA	NA
4-1	NA	NA	NA	NA	22.47	21.26	20.39	19.91	NA	34.50	32.44	26.92	NA	NA	NA	NA
4-2	NA	NA	NA	NA	50.98	32.49	30.68	42.48	NA	41.90	42.43	52.10	NA	NA	NA	NA

Note:

NA = Not Available

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Table 2-3
Indoor and Outdoor Air Chemical Analytical Results
LI Tent Rental
86 Cleveland Avenue
Bay Shore, NY

Sample ID	IA-1	IA-1	IA-1	IA-2	IA-2	IA-2	IA-3	IA-3	IA-3	NYSDOH Air Guideline Values	NYSDOH Decision Matrices
Location	South Warehouse	South Warehouse	South Warehouse	Main Warehouse	Main Warehouse	Main Warehouse	Main Warehouse	Main Warehouse	Main Warehouse		
Sample Date	1/6/2023	1/16/2025	3/17/2026	1/6/2023	1/16/2025	3/17/2026	1/6/2023	1/16/2025	3/17/2026		
Volatile Organic Compounds *(in micrograms per cubic meter of air)*											
1,2,4-Trimethylbenzene	ND	11.8	ND	1.25	1.69	ND	ND	3.22	ND	-	2 or greater
1,3,5 Trimethylbenzene	ND	2.72	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
4-Ethyltoluene	ND	7.91	ND	1.1	1.52	ND	ND	2.3	ND	-	-
4-Isopropyltoluene	ND	1.14	ND	ND	ND	ND	ND	ND	ND	-	-
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Acetone	49.9	10.9	5.1	36.1	58.9	15.8	27.8	50.1	6.34	-	-
Benzene	1.8	1.12	ND	1.46	1.42	ND	1.34	1.24	ND	-	2 or greater
Carbon Tetrachloride	0.4	0.44	0.45	0.59	0.43	0.51	0.4	0.45	0.48	-	1 or greater
Chloroform	1.03	1.37	ND	ND	ND	ND	ND	ND	ND	-	-
Chloromethane	1.24	ND	1.2	ND	ND	1.64	1.2	ND	1.16	-	-
Cis-1,2-Dichloroethene	ND	ND	0.34	ND	ND	0.38	ND	ND	ND	-	1 or greater
Cyclohexane	ND	ND	ND	1.05	ND	ND	ND	ND	ND	-	2 or greater
Dichlorodifluoromethane	2.53	2.11	2.13	2.28	2.33	2.3	2.25	2.2	2.32	-	-
Ethanol	32	11.6	39.4	127	14.3	109	43.7	21.8	14.5	-	-
Ethyl acetate	ND	332	1.58	2.46	47.2	1.74	ND	68.8	5.8	-	-
Ethylbenzene	ND	ND	ND	1.12	2.74	ND	ND	2.49	ND	-	2 or greater
Heptane	1.56	ND	ND	1.25	ND	ND	1.32	ND	ND	-	6 or greater
Hexane	7.33	ND	ND	4.76	ND	ND	4.3	ND	ND	-	6 or greater
Isooctane	ND	ND	ND	ND	1.09	ND	ND	ND	ND	-	2 or greater
Isopropyl alcohol	4.3	1.38	2.30	4.89	1.62	38.8	5.72	2.63	1.18	-	-
m,p-Xylene	3.01	3.35	1.13	3.77	11.4	2.17	3.08	10.6	1.01	-	6 or greater
Methyl Ethyl Ketone	22.5	312	2.29	9.11	44.5	2.04	9.05	62.2	9.31	-	-
Napthalene	ND	2.76	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
o-Xylene	1.05	4.3	ND	1.41	0.782	ND	1.11	3.53	ND	-	2 or greater
Styrene	ND	ND	ND	ND	ND	1.65	ND	ND	1.03	-	-
Tetrachloroethane	1.22	1.17	ND	1.3	0.245	ND	1.48	0.9	ND	30	3 or greater
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND	4.04	ND	-	-
Trichloroethene	ND	0.21	ND	ND	0.066	ND	ND	ND	ND	2	0.2 or greater
Toluene	37.1	197	2.34	22.9	11.9	2.58	19.4	56.9	8.59	-	10 or greater
Trichlorofluoromethane	1.45	1.09	1.11	1.2	0.214	1.22	1.36	1.11	1.28	-	-

Notes:

1. Only detected analytes are reported.
2. VOCs = Volatile Organic Compounds
3. Laboratory Analysis = VOCs via EPA Method TO-15
4. - = No New York State Department of Health (NYSDOH) Air Guideline Value was available.
5. Results were compared to the available NYSDOH Indoor Air Guideline Values.
6. Results were compared to the available NYSDOH Decision Matrices. Results at or greater than the value provided would require mitigation.

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Table 2-3
Indoor and Outdoor Air Chemical Analytical Results
LI Tent Rental
86 Cleveland Avenue
Bay Shore, NY

Sample ID	IA-4	IA-4	IA-4	OA-1	OA-1	OA-1	BD	BD	NYSDOH Air Guideline Values	NYSDOH Decision Matrices
Location	Office	Office	Office	To East of Building	To East of Building	To East of Building	South Warehouse	South Warehouse		
Sample Date	1/6/2023	1/16/2025	3/17/2026	1/6/2023	1/16/2025	3/17/2026	1/6/2023	1/16/2025		
Volatile Organic Compounds *(in micrograms per cubic meter of air)*										
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	9.19	-	2 or greater
1,3,5 Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
4-Ethyltoluene	ND	ND	ND	ND	ND	ND	ND	6.29	-	-
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	-	-
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	1.33	ND	ND	ND	ND	-	-
Acetone	25.4	13.1	17.4	17.7	6.69	5.25	51.5	12.4	-	-
Benzene	1.07	1.22	ND	1.04	ND	ND	1.72	ND	-	2 or greater
Carbon Tetrachloride	0.4	0.43	0.49	0.4	0.45	0.49	0.38	ND	-	1 or greater
Chloroform	ND	ND	ND	ND	ND	ND	1.03	ND	-	-
Chloromethane	1.25	1.1	1.1	1.22	ND	1.26	1.3	ND	-	-
Cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	-	1 or greater
Cyclohexane	ND	ND	ND	ND	ND	ND	1.7	ND	-	2 or greater
Dichlorodifluoromethane	2.19	2.21	2.38	2.43	2.22	2.31	2.73	ND	-	-
Ethanol	243	28.2	33	30.5	5.72	9.11	33.5	13.8	-	-
Ethyl acetate	ND	3.25	1.32	ND	ND	ND	ND	331	-	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
Heptane	1.23	ND	ND	1.01	ND	ND	1.61	ND	-	6 or greater
Hexane	5.64	1.26	ND	5.14	ND	ND	7.68	ND	-	6 or greater
Isooctane	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
Isopropyl alcohol	54.3	2.65	3.07	5.43	ND	1.61	4.32	ND	-	-
m,p-Xylene	2.6	2.64	1.55	2.1	1.06	ND	2.97	ND	-	6 or greater
Methyl Ethyl Ketone	4.27	3.89	1.56	1.89	ND	ND	22.9	307	-	-
Napthalene	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	-	-
o-Xylene	ND	ND	ND	ND	ND	ND	1.03	ND	-	2 or greater
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Tetrachloroethane	2.75	0.62	ND	2.96	0.33	ND	1.31	ND	30	3 or greater
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Trichloroethene	ND	0.21	ND	ND	ND	ND	ND	ND	2	0.2 or greater
Toluene	20	9.6	2.58	9.38	3.47	ND	37.3	192	-	10 or greater
Trichlorofluoromethane	1.37	1.11	1.21	1.56	1.1	1.18	1.41	ND	-	-

Notes:

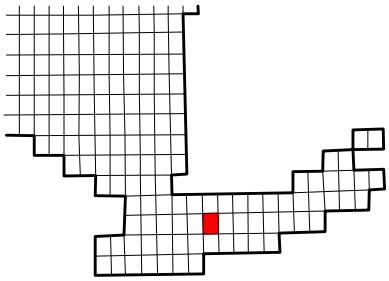
1. Only detected analytes are reported.
2. VOCs = Volatile Organic Compounds
3. Laboratory Analysis = VOCs via EPA Method TO-15
4. - = No New York State Department of Health (NYSDOH) Air Guideline Value was available.
5. Results were compared to the available NYSDOH Indoor Air Guideline Values.
6. Results were compared to the available NYSDOH Decision Matrices. Results at or greater than the value provided would require mitigation.

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FIGURES

EnviroTrac





QUADRANGLE LOCATION:
GREENLAWN, NEW YORK

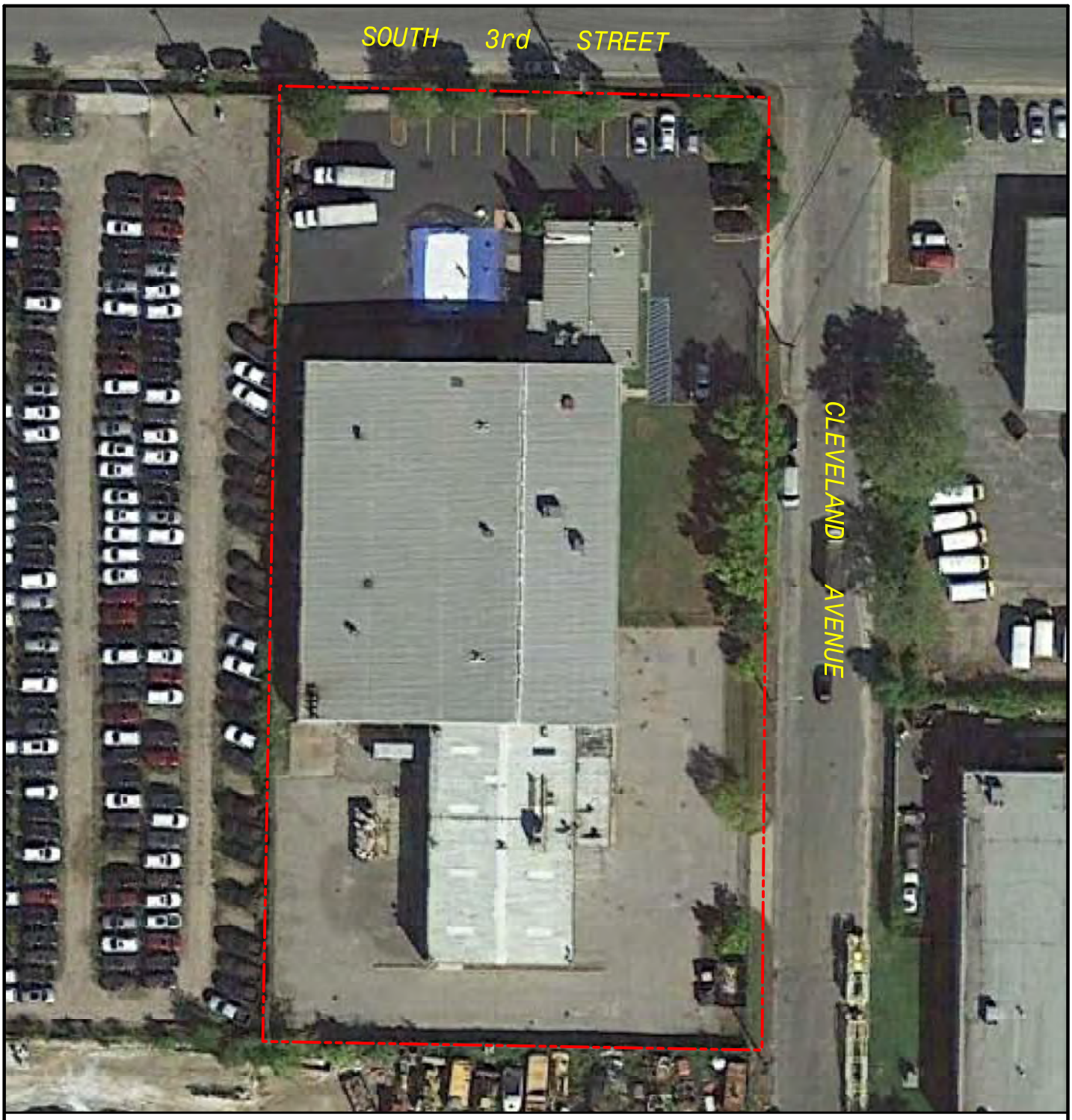
APPROXIMATE ELEVATION:
60 FT.

SOURCE:
USGS 7.5 MINUTE SERIES

N
W E
S

0 2,000 6,000
FEET
1,000 4,000

FIGURE #	SITE LOCATION MAP	DRAWN BY: B.S.	
1 – 1	FORMER BARON BLAKESLEE SITE 86 CLEVELAND AVENUE BAY SHORE, NEW YORK	REVISION DATE: 8/10/2026	EnviroTrac



LEGEND:

PROPERTY BOUNDARY

N
W E
S

0 60
SCALE IN FEET

FIGURE #	SITE PLAN	DRAWN BY: B.S.	EnviroTrac
1 – 2	FORMER BARON BLAKESLEE SITE 86 CLEVELAND AVENUE BAY SHORE, NEW YORK	REVISION DATE: 8/10/2026	

north



LEGEND:

PT-1	PERMENANT TESTHOLE
PP#1	REMOTE MONITORING PORT
	SAMPLE LOCATION
IA	INDOOR AIR SAMPLE
OA	OUTDOOR AIR SAMPLE

EnviroTrac

0 25
SCALE IN FEET

DATE: 7/9/2025

REVISED BY: BS

FORMER BARON BLAKESLEE SITE
86 CLEVELAND AVENUE
BAY SHORE, NEW YORK

SAMPLE LOCATIONS

FIGURE #
2-1

APPENDICES

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APPENDIX A

Photographic Documentation

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Photographic Documentation on July 30, 2026

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706



Photograph 1: View of the vacuum gauge for SP2.



Photograph 2: View of the alarm for SP2.

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Photographic Documentation on July 30, 2026

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706



Photograph 3: View of SP2-3.

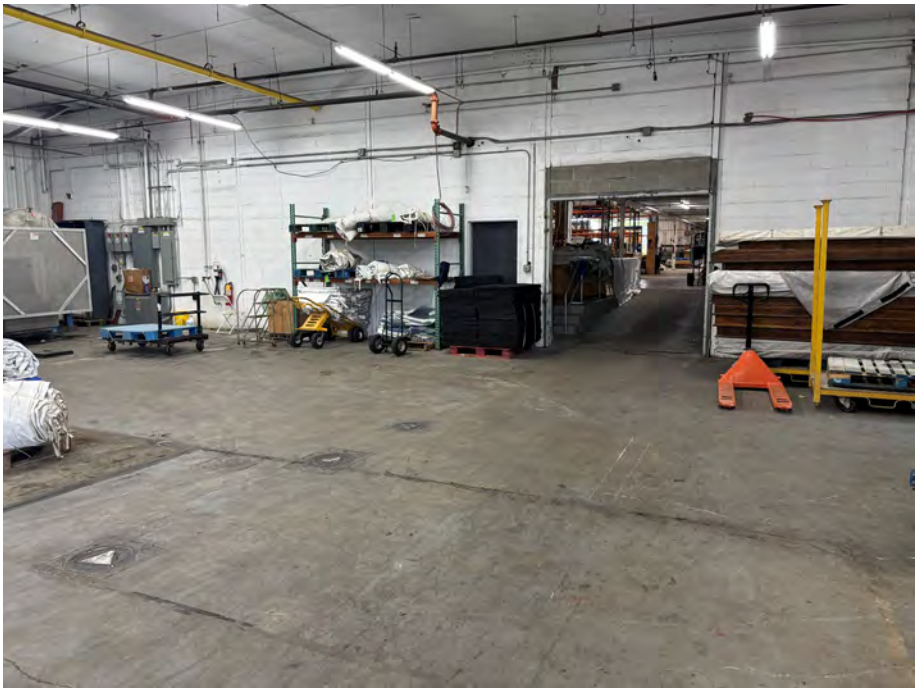


Photograph 4: View of SP2-1 and SP2-2.

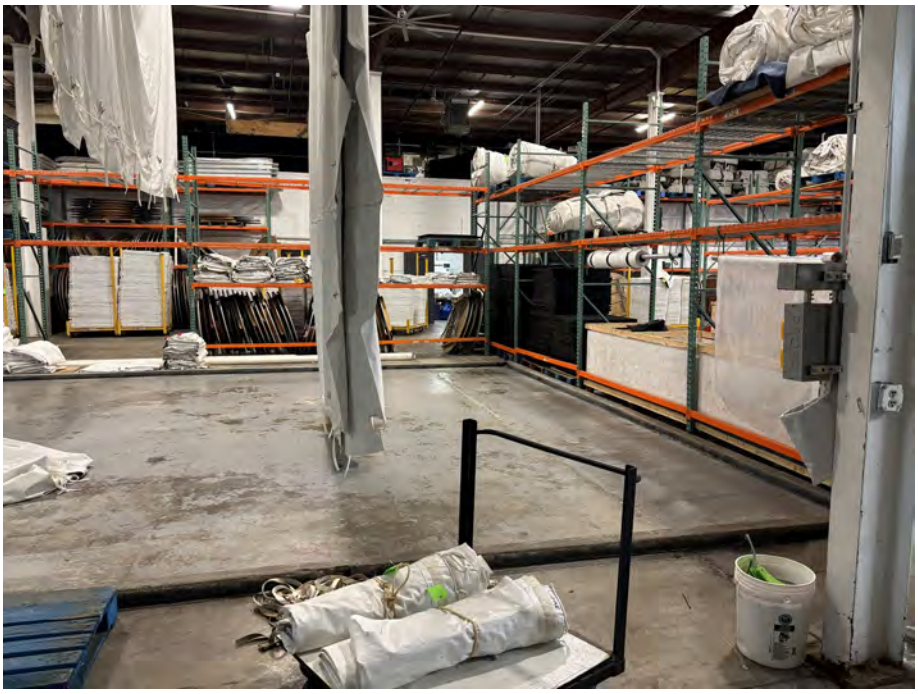
EnviroTrac

Photographic Documentation on July 30, 2026

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706



Photograph 5: View of the southern warehouse.



Photograph 6: View of the main northern warehouse.

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Photographic Documentation on July 30, 2026

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706



Photograph 7: View of the southeastern parking lot.



Photograph 8: View of the northern parking lot.

EnviroTrac

Photographic Documentation on July 30, 2026

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

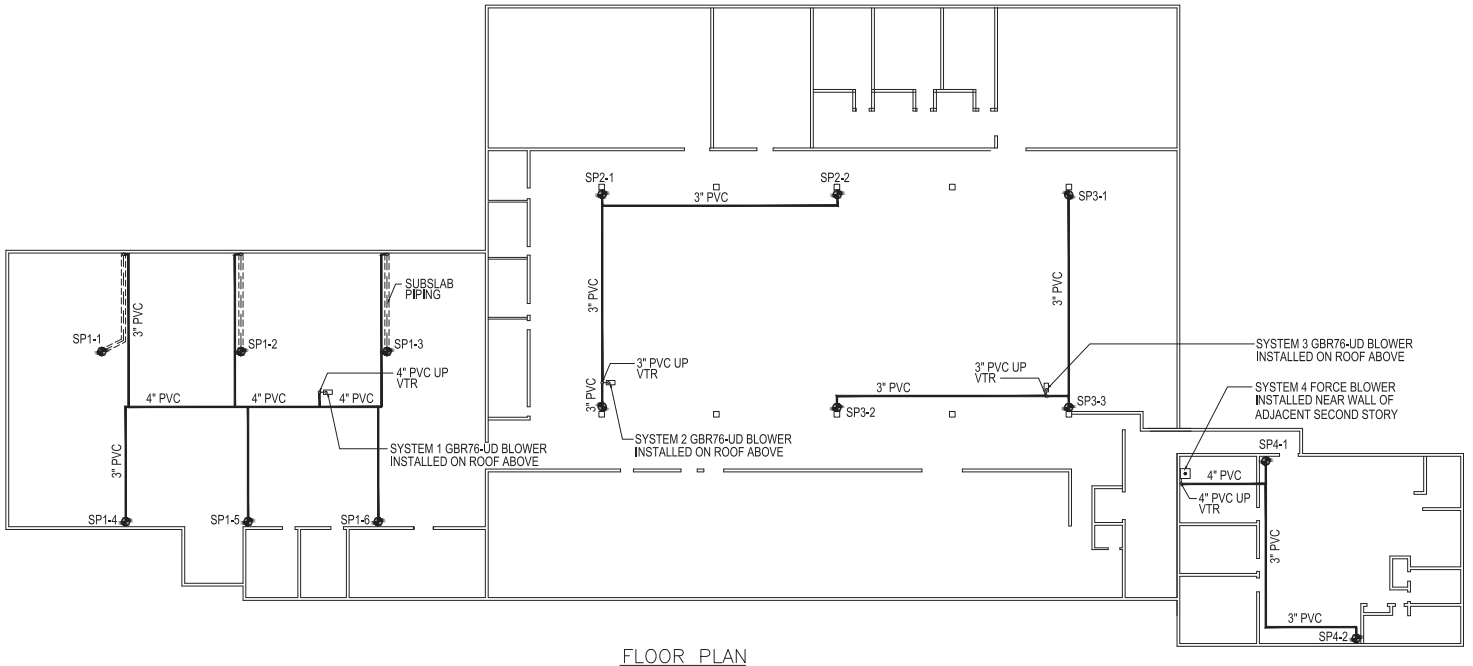


Photograph 9: View of the grassy area to the east of the building.

APPENDIX B

SSDS Layouts
(from Final Engineering Report)

EnviroTrac



FLOOR PLAN

LEGEND

SP#-#	SUCTION POINT
	MAGNEHELIC PANEL
M	VAPOR GUARDIAN PANEL
	OBAR GBR76-UD BLOWER
	FRT FORCE BLOWER
PB#1	PRESSURE PROBES
	FIRE COLLAR (AS REQ'D.)

0 12' 36'
6' 24' 48'
GRAPHIC SCALE

CLEAN VAPOR LLC
P.O. BOX 688, BLAIRSTOWN, NJ 07825
Ph. 908 362- 5616 Fax. 908 362-5433
www.cleanvapor.com

CLEAN VAPOR LLC

ACTIVE SOIL DEPRESSURIZATION
86 CLEVELAND AVENUE
BAY SHORE, NEW YORK 11706

REVISION AS-BUILTS	DATE 11-23-15
	5/27/15
DRAWN BY	DAB
APPROVED	TEH
SCALE	3/32"=1'
CHECKED BY	TEH

SHEET TITLE

SUCTION PT. & BLOWERS

SHEET NO.

3



LEGEND:

PT-1 ● PERMENANT TESTHOLE

PP#1 □ REMOTE MONITORING PORT

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 25
SCALE IN FEET

DATE: 7/26/2017

REVISED BY: BS

86 CLEVELAND AVENUE
BAY SHORE, NEW YORK

SITE PLAN

FIGURE #
1

APPENDIX C

SSDS Operation Data

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Table 2-1
Vacuum Monitoring Point Measurements
86 Cleveland Avenue, Bay Shore, NY

Vacuum Monitoring Point	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
PT-1	NA	NA	-0.063	-0.027	-0.029	-0.031	-0.052	-0.061	NA	-0.031	-0.086	0.000	NA	NA	NA	NA
PT-2	-0.040	NA	-0.042	-0.020	-0.020	-0.020	-0.039	-0.044	NA	-0.277	-1.024	0.000	NA	NA	NA	NA
PT-3	-0.030	NA	-0.127	-0.042	-0.040	-0.121	-0.145	-0.155	NA	-0.064	-0.060	0.000	NA	NA	NA	NA
PT-4	-0.060	-0.150	-0.382	-0.020	-0.020	-0.020	-0.121	-0.091	NA	-0.080	-0.257	0.000	-0.030	-0.035	-0.032	-0.038
PT-5	-0.010	NA	-0.001	-0.064	-0.066	-0.036	-0.046	-0.087	NA	-0.409	-0.286	0.000	-0.008	-0.011	-0.010	-0.010
PT-6	-0.030	NA	-0.007	-0.022	-0.028	-0.210	-0.193	-0.261	NA	-0.108	-0.100	0.000	NA	NA	NA	NA
PT-7	-0.004	NA	-0.027	-0.017	-0.016	-0.018	-0.010	-0.024	NA	-0.013	-0.011	0.000	-0.009	-0.010	-0.009	-0.012
PT-8	-0.005	NA	-0.523	-0.059	-0.044	-0.040	NA	NA	-0.036	-0.011	-0.010	0.000	-0.010	-0.053	-0.069	-0.072
PT-9	-0.004	NA	-0.005	-0.022	-0.020	-0.127	NA	NA	-0.114	-0.024	-0.016	0.000	-0.011	-0.020	-0.022	-0.020
PT-10	-0.280	NA	-0.444	-0.114	-0.111	-0.768	-1.088	-0.415	NA	-0.139	-0.194	0.000	-0.100	-0.173	-0.252	-0.249

Vacuum Monitoring Point	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
PT-11	-0.060	NA	-0.052	-0.045	-0.044	-0.05	-0.48	-0.062	NA	-0.047	-0.021	0.000	-0.014	-0.029	-0.014	-0.008
PT-12	-0.015	NA	-0.368	-0.236	-0.222	-0.148	-0.098	-0.319	NA	-0.145	-0.079	-0.061	-0.009	-0.570	-0.060	-0.016
PT-13	-0.004	NA	-0.051	-0.046	-0.045	-0.126	0.114	NA	-0.094	-0.071	-0.025	-0.010	0.000	-0.009	-0.010	-0.009
PT-14	-0.020	NA	-0.046	-0.105	-0.100	-0.096	-0.026	NA	-0.026	-0.014	-0.012	-0.009	0.000	-0.006	-0.004	-0.002
PT-15	-0.100	NA	-0.015	-0.488	-0.400	-0.022	-0.014	NA	-0.019	-0.010	-0.010	-0.010	NA	NA	NA	NA
PT-16	-0.004	NA	-0.001	-0.717	-0.722	-0.02	-0.016	NA	-0.021	-0.010	-0.010	-0.012	NA	NA	NA	NA
PT-17	-0.005	NA	-0.043	-0.071	-0.071	-0.028	NA	NA	-0.044	-0.012	-0.011	-0.010	NA	NA	NA	NA
PT-18	-0.004	NA	-0.002	-0.230	-0.219	-0.026	-0.021	NA	-0.032	-0.009	-0.009	-0.010	NA	NA	NA	NA

Notes:
PT - Test Point
NA = Not Available

EnviroTrac

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

ADS Blowers	Vacuum Measurement inches of water													
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
B-1	NA	NA	-2	-1.6	-1	-3	-1.8	-2.0	-4.0	0.0	0.0	0.0	0.0	0.0
B-2	NA	NA	-12	-13	-11	-15	-12.5	-9.0	-14.0	0.0	0.0	-15.0	-15.0	-15.0
B-3	NA	NA	-10	-17.5	-9	-10	-10.5	-16.0	-2.0	-2.0	-1.0	0.0	0.0	0.0
B-4	NA	NA	-4.2	-4.5	-4	-4	-4.2	-4.0	-4.0	-4.0	0.0	0.0	0.0	0.0

Notes:

B = Blower

NA = Not Available

EnviroTrac

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Vacuum Measurement inches of water															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
1-1	NA	NA	-1.875	-0.072	-0.673	-2.728	-1.371	-4.29	NA	-1.529	-3.589	0.00	NA	NA	NA	NA
1-2	NA	NA	-1.821	-0.036	-0.612	-2.78	-1.687	-3.902	NA	-1.503	-3.561	0.00	NA	NA	NA	NA
1-3	NA	NA	-1.837	-0.212	-0.547	-2.549	-1.647	-4.264	NA	-1.477	-3.655	0.00	NA	NA	NA	NA
1-4	NA	NA	-1.76	-0.939	-0.513	-2.626	-1.6	-4.154	NA	-1.468	-3.594	0.00	NA	NA	NA	NA
1-5	NA	NA	-1.785	-0.744	-0.381	-2.546	-1.693	-3.998	NA	-1.410	-3.468	0.00	NA	NA	NA	NA
1-6	NA	NA	-1.822	-1.059	-0.558	-2.511	-1.617	-4.071	NA	-1.475	-3.482	0.00	NA	NA	NA	NA
2-1	NA	NA	-12.37	-14.390	-11.580	-15.38	-15.12	-15.13	NA	-9.536	-15.26	0.00	-0.52	-15.83	-16.25	-16.16
2-2	NA	NA	-12.26	-0.348	-11.530	-15.3	-15.03	-15.19	NA	-9.381	-15.15	0.00	-0.57	-15.16	-16.17	-16.23
2-3	NA	NA	-12.46	-14.410	-11.700	-16.42	-14.98	-15.8	NA	-9.672	-15.56	0.00	-0.52	-15.53	-16.11	-16.18
3-1	NA	NA	-10.49	-0.358	-9.384	-10.43	-12.31	NA	-20.82	-16.30	-0.792	-0.643	NA	NA	NA	NA
3-2	NA	NA	-10.28	-0.475	-8.764	-10.22	-9.34	NA	-20.28	-15.41	-0.802	-0.591	NA	NA	NA	NA
3-3	NA	NA	-10.30	-0.255	-8.898	-10.28	-10.49	NA	-20.43	-15.87	-0.766	-0.633	NA	NA	NA	NA
4-1	NA	NA	NA	NA	-4.222	-4.113	-4.01	-4.429	NA	-4.169	-3.546	-4.111	NA	NA	NA	NA
4-2	NA	NA	NA	NA	-4.016	-4.039	-3.981	-4.088	NA	-3.888	-3.775	-3.701	NA	NA	NA	NA

Note:

NA = Not Available

EnviroTrac

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Air Flow cubic feet per miter															
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025	7/30/2026
1-1	NA	NA	1.31	2.22	1.980	1.66	1.83	7.98	NA	2.52	3.72	0.00	NA	NA	NA	NA
1-2	NA	NA	2.40	1.45	3.790	1.74	2.71	15.3	NA	2.19	6.75	0.00	NA	NA	NA	NA
1-3	NA	NA	1.27	5.95	3.850	10.19	8.93	9.42	NA	7.50	9.31	0.00	NA	NA	NA	NA
1-4	NA	NA	21.41	41.02	22.250	29.23	21.93	32.95	NA	20.70	31.18	0.00	NA	NA	NA	NA
1-5	NA	NA	20.03	65.16	45.240	40.7	28.36	39.67	NA	27.50	36.11	0.00	NA	NA	NA	NA
1-6	NA	NA	14.93	26.35	15.420	25.39	16.1	30.94	NA	19.60	31.25	0.00	NA	NA	NA	NA
2-1	NA	NA	10.06	21.43	10.010	17.07	17.38	23.75	NA	25.80	30.10	0.00	30.00	20.94	25.10	29.11
2-2	NA	NA	19.37	18.39	14.610	16.52	17.15	16.25	NA	28.40	21.64	0.00	22.02	20.56	24.88	25.02
2-3	NA	NA	16.55	27.36	24.420	21.47	16.39	25.08	NA	18.60	30.39	0.00	30.44	69.57	77.13	76.99
3-1	NA	NA	13.07	22.54	11.190	12.66	21.01	NA	25.64	25.40	3.59	7.61	NA	NA	NA	NA
3-2	NA	NA	25.26	65.54	40.490	27.08	26.12	NA	42.33	53.50	4.01	8.98	NA	NA	NA	NA
3-3	NA	NA	15.60	40.33	24.660	18.56	17.51	NA	33.82	37.40	6.73	9.60	NA	NA	NA	NA
4-1	NA	NA	NA	NA	22.47	21.26	20.39	19.91	NA	34.50	32.44	26.92	NA	NA	NA	NA
4-2	NA	NA	NA	NA	50.98	32.49	30.68	42.48	NA	41.90	42.43	52.10	NA	NA	NA	NA

Note:

NA = Not Available

EnviroTrac

APPENDIX D

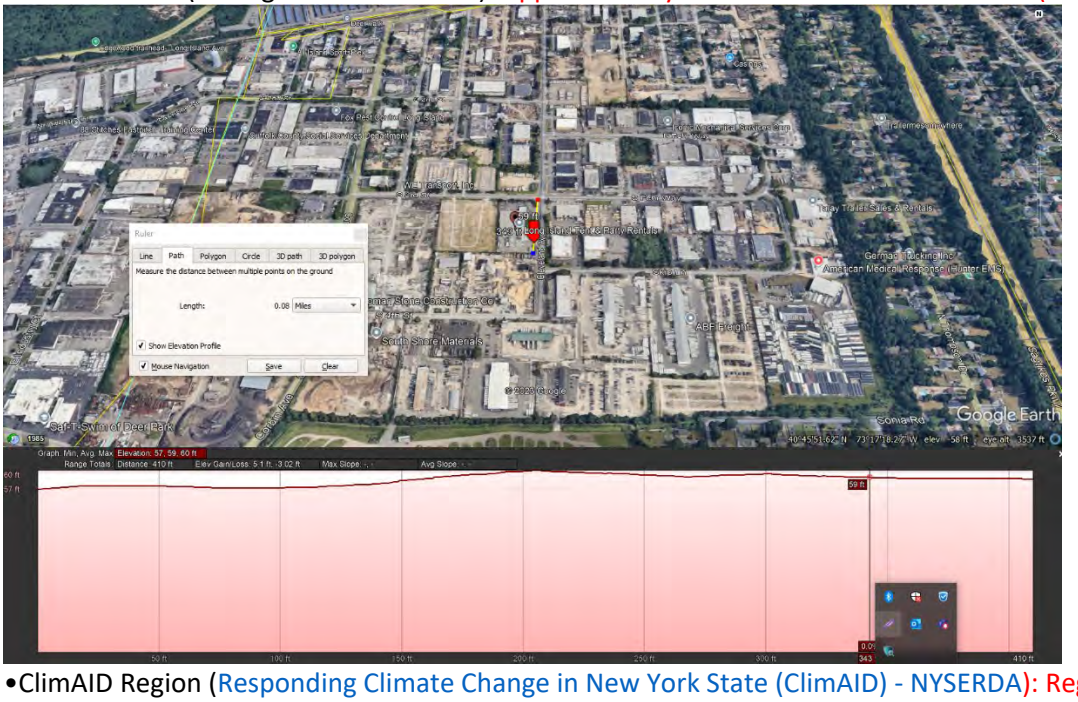
Climate Screening Checklist

EnviroTrac

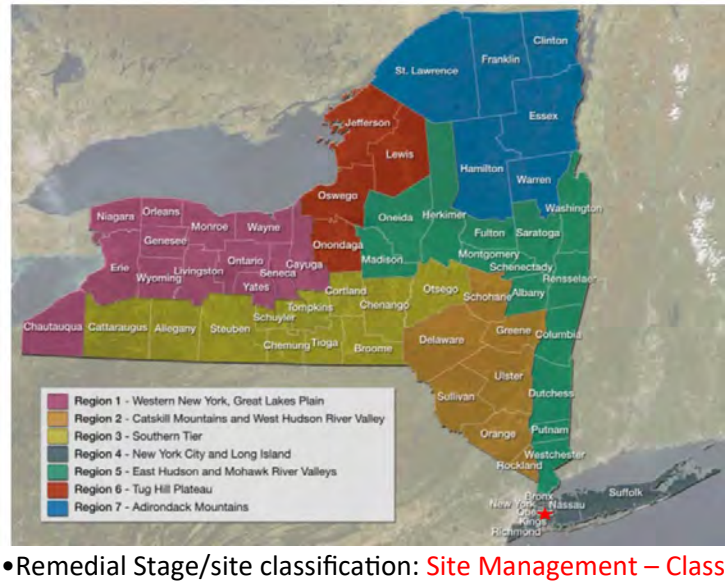
Climate Screening Checklist

Background Information

•Project Manager: Jared Donaldson, NYSDEC
•Site Name: Former Baron Blakeslee Property
•Site Number: C152204
•Site Location: 86 Cleveland Avenue, Bay Shore, NY 11706
•Site Elevation (average above sea level): Approximately 59 feet above mean sea level (from Google Earth)



•ClimAID Region (Responding Climate Change in New York State (ClimAID) - NYSERDA): Region 4 – New York City and Long Island



•Remedial Stage/site classification: Site Management – Class 4

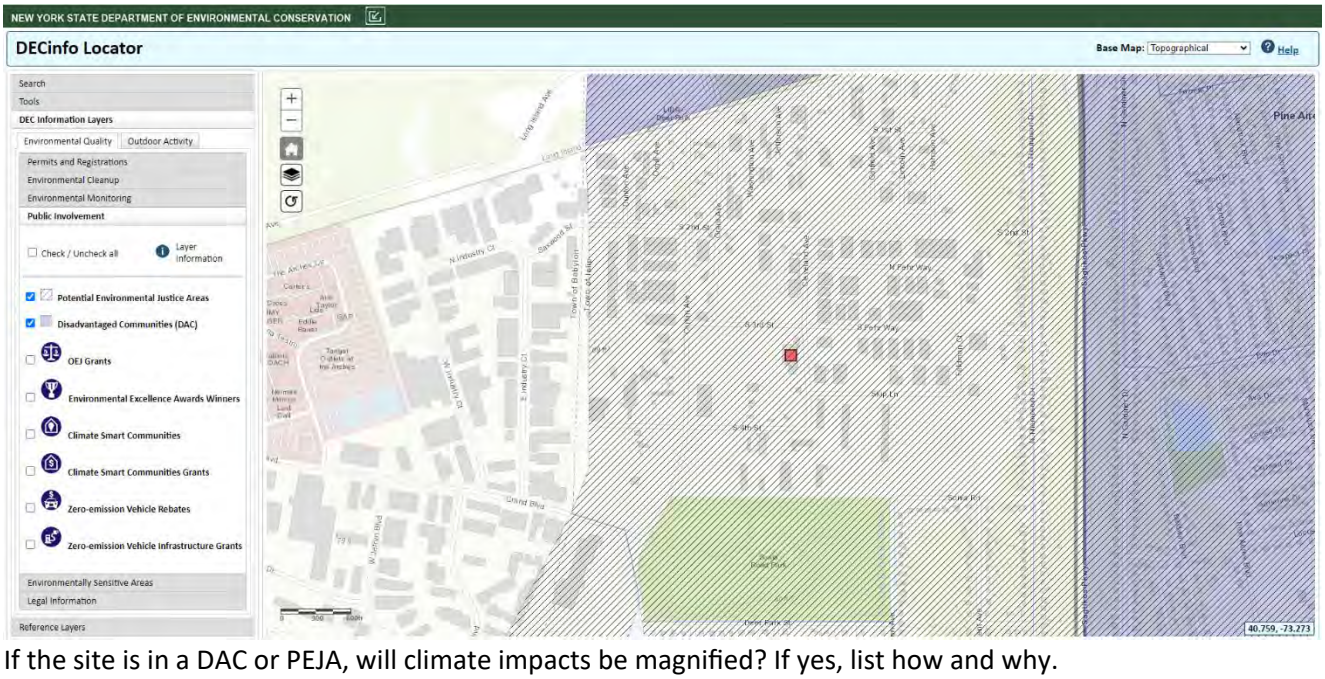
•Contamination - Media Impacted/ Contaminants of Concern:
Soil Vapor Intrusion/Indoor Air

•Proposed/Current Remedy: Remediation complete; on-site sub-slab depressurization system (SSDS), soil cover

•What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?
The SSDS has operated at the site since November 2015, and will continue to operate for approximately another 1 to 5 years.
•Is the site in proximity to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, hospitals, schools, drinking water supplies, etc.)?
No

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfolocator: DECinfo Locator (ny.gov))?

X Yes No



If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

Yes X No

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

Yes X No

Potential Climate Hazards	**Relevant to the Site Location (Y/N/NA)** [1]	**Projected Change (Put the reference document/model used here) 3**	**Potential to Impact Remedy (Y/N)**	**Is remedy/site already resilient? (Y/N) 4**
Precipitation	Potentially	N- Based upon (Resilience Analysis and Planning Tool (RAPT) arcgis.com Climate Change is expected to increase precipitation on Long Island, NY. Since 1948 NY has seen a 50% increase in storms.	N – Based on the location of the site on Long Island, NY, an increase in precipitation is not expected to impact the remedy.	Y
Temperature (Extreme Heat or Cold Weather Impacts) 2	N	N - Based upon (Resilience Analysis and Planning Tool (RAPT) arcgis.com	NA	NA
Sea Level Rise	N	NA (NOAA Sea Level Rise Tool)	NA	NA
Flooding 5	N	N - FEMA National Flood Hazard Mapping - FEMA	NA	NA
Storm Surge	N	NA (NOAA)	NA	NA
Wildfire	N	NA RAPT arcgis.com	NA	NA
Drought	N	NA - (Home | Drought.gov)- this was based upon regional information	NA	NA
Storm Severity (could include high winds, lightening, etc.)	Y	Y - RAPT arcgis.com	Y	Y – site inspection required following

				extreme weather event. Should the power go out for the property, the site cover (building slab) will be protective of the indoor air.
Landslides	N	NA	NA	NA
Other Hazards:	Seismic Activity	RAPT arcgis.com	Y	Y – site inspection required following extreme event. Should the power go out for the property, the site cover (building slab) will be protective of the indoor air.

* Links to potential data sources can be found on the following page

[1] If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

[2] Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 0 degrees F (NYSERDA ClimAID report)

[3] List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

[4] If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

Required Next Steps (If no further action is required, provide justification):

No further action at this time, since extreme weather conditions and/or power outages would prompt site visits.

APPENDIX E

Laboratory Report

EnviroTrac

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

NY ANALYTICAL SERVICES PROTOCOL DATA PACKAGE

EnviroTrac

86 CLEVELAND AVENUE

GCV52023

Ver 1

Data Package Table of Contents

GCV52023 Analytical Report 4
- Cover Letter 4
- Project Summary 5
- SDG Comments 8
- Sample Id Cross Reference 9
- Analytical Report 10
- Canister Sampling Information 25
- QA/QC Report 26
- Sample Criteria Exceedances Report 28
- COC-GCV52023 29
- Email-GCV52023 31

GCV52023 Air V1 32
- Organic Flags 33
- Non-Conformance Summary 34
- Monitoring Compound Recovery (Form 2) 36
- Spike Recovery (Form 3) 37
- Method Blank Summary (Form 4) 39
- Tune Summary (Form 5) 40
  - CHEM20 - 0317_04.D 40
  - CHEM20 - 0318_02.D 42
- Internal Standard (Form 8) 44
  - CHEM20 - 03/18/26 00:30 44
  - CHEM20 - 03/18/26 14:15 46
- Analysis Data Sheet (Form 1) 48
  - CV52023 / IA-1 48
  - CV52024 / IA-2 60
  - CV52025 / IA-4 72
  - CV52026 / IA-3 83
  - CV52027 / OA-1 95
- Initial Calibration Summary (Form 6) 104
  - CHEM20 104
  - CHEM20 - 03/17/26 107
  - CHEM20 -03/17/26 ICV 164
- Continuing Calibration Summary (Form 7) 170
  - CHEM20 - 03/18/26 14:15 170

CHEM20 - 03/19/26 10:56 180
Analysis Data Sheet QC (Form 1) 190
CV51571 LCS 190
CV51571 QC 0.5X 196
CV51571 BLANK 223
CV51571 DUP 227
Canister Cleaning Batch# 4378 250
Injection Log 256
Injection Log - CHEM20 03/17/26 256
Injection Log - CHEM20 03/18/26 257
Injection Log - CHEM39 03/06/26 258

Monday, June 15, 2026

Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **86 CLEVELAND AVENUE**
SDG ID: **GCV52023**
Sample ID#s: **CV52023 - CV52027**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: EnviroTrac

Project: 86 CLEVELAND AVENUE

Laboratory Project: GCV52023

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

June 15, 2026

SDG I.D.: GCV52023

EnviroTrac 86 CLEVELAND AVENUE

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

June 15, 2026

SDG I.D.: GCV52023

EnviroTrac 86 CLEVELAND AVENUE

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CV52023	Volatiles (TO15)	03/17/26	03/18/26	03/18/26	KCA	Y
CV52024	Volatiles (TO15)	03/17/26	03/18/26	03/18/26	KCA	Y
CV52025	Volatiles (TO15)	03/17/26	03/18/26	03/18/26	KCA	Y
CV52026	Volatiles (TO15)	03/17/26	03/18/26	03/18/26	KCA	Y
CV52027	Volatiles (TO15)	03/17/26	03/19/26	03/19/26	KCA	Y
CV52028	On Hold	03/17/26	03/24/26	03/24/26		Y

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 15, 2026

SDG I.D.: GCV52023

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete Data package report with all forms and raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

June 15, 2026

SDG I.D.: GCV52023

Project ID: 86 CLEVELAND AVENUE

Client Id	Lab Id	Matrix	Col Date
IA-1	CV52023	AIR	03/17/26 14:45
IA-2	CV52024	AIR	03/17/26 14:41
IA-4	CV52025	AIR	03/17/26 14:39
IA-3	CV52026	AIR	03/17/26 15:17
OA-1	CV52027	AIR	03/17/26 14:53

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NZ	03/17/26	14:45
Location Code:	ENVIROTR	Received by:	SR1	03/18/26	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4615				

Laboratory Data

SDG ID: GCV52023
Phoenix ID: CV52023

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Acetone	2.15	*0.421*	0.421	5.10	*1.00*	1.00	03/18/26	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/26	KCA	1	

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-1

Phoenix I.D.: CV52023

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Tetrachloride	0.072	*0.032*	0.032	0.45	*0.20*	0.20	03/18/26	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloromethane	0.581	*0.485*	0.485	1.20	*1.00*	1.00	03/18/26	KCA	1	
Cis-1,2-Dichloroethene	0.086	*0.051*	0.051	0.34	*0.20*	0.20	03/18/26	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/26	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/26	KCA	1	
Dichlorodifluoromethane	0.430	*0.202*	0.202	2.13	*1.00*	1.00	03/18/26	KCA	1	
Ethanol	20.9	*0.531*	0.531	39.4	*1.00*	1.00	03/18/26	KCA	1	1
Ethyl acetate	0.438	*0.278*	0.278	1.58	*1.00*	1.00	03/18/26	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/26	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	03/18/26	KCA	1	
Isopropylalcohol	0.935	*0.407*	0.407	2.30	*1.00*	1.00	03/18/26	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
m,p-Xylene	0.261	*0.230*	0.230	1.13	*1.00*	1.00	03/18/26	KCA	1	
Methyl Ethyl Ketone	0.777	*0.339*	0.339	2.29	*1.00*	1.00	03/18/26	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/18/26	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/18/26	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/26	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/26	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	03/18/26	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/26	KCA	1	1
Toluene	0.621	*0.266*	0.266	2.34	*1.00*	1.00	03/18/26	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/26	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/18/26	KCA	1	
Trichlorofluoromethane	0.197	*0.178*	0.178	1.11	*1.00*	1.00	03/18/26	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/26	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/18/26	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	115	*%*	%	115	*%*	%	03/18/26	KCA	1	
% IS-1,4-Difluorobenzene	97	*%*	%	97	*%*	%	03/18/26	KCA	1	
% IS-Bromochloromethane	99	*%*	%	99	*%*	%	03/18/26	KCA	1	
% IS-Chlorobenzene-d5	93	*%*	%	93	*%*	%	03/18/26	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 15, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NZ	03/17/26	14:41
Location Code:	ENVIROTR	Received by:	SR1	03/18/26	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	492				

Laboratory Data

SDG ID: GCV52023
Phoenix ID: CV52024

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Acetone	6.66	*0.421*	0.421	15.8	*1.00*	1.00	03/18/26	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/26	KCA	1	

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Tetrachloride	0.081		*0.032*	0.032	0.51	*0.20*	0.20	03/18/26	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloromethane	0.795		*0.485*	0.485	1.64	*1.00*	1.00	03/18/26	KCA	1	
Cis-1,2-Dichloroethene	0.095		*0.051*	0.051	0.38	*0.20*	0.20	03/18/26	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/18/26	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/18/26	KCA	1	
Dichlorodifluoromethane	0.465		*0.202*	0.202	2.30	*1.00*	1.00	03/18/26	KCA	1	
Ethanol	57.8	E	*0.531*	0.531	109	*1.00*	1.00	03/18/26	KCA	1	1
Ethyl acetate	0.483		*0.278*	0.278	1.74	*1.00*	1.00	03/18/26	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/18/26	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/18/26	KCA	1	
Isopropylalcohol	15.8		*0.407*	0.407	38.8	*1.00*	1.00	03/18/26	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
m,p-Xylene	0.501		*0.230*	0.230	2.17	*1.00*	1.00	03/18/26	KCA	1	
Methyl Ethyl Ketone	0.691		*0.339*	0.339	2.04	*1.00*	1.00	03/18/26	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/18/26	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/18/26	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/18/26	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
Styrene	0.387		*0.235*	0.235	1.65	*1.00*	1.00	03/18/26	KCA	1	
Tetrachloroethene	ND		*0.037*	0.037	ND	*0.25*	0.25	03/18/26	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/18/26	KCA	1	1
Toluene	0.686		*0.266*	0.266	2.58	*1.00*	1.00	03/18/26	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/18/26	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/18/26	KCA	1	
Trichlorofluoromethane	0.218		*0.178*	0.178	1.22	*1.00*	1.00	03/18/26	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/18/26	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/18/26	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	112		*%*	%	112	*%*	%	03/18/26	KCA	1	
% IS-1,4-Difluorobenzene	88		*%*	%	88	*%*	%	03/18/26	KCA	1	
% IS-Bromochloromethane	89		*%*	%	89	*%*	%	03/18/26	KCA	1	
% IS-Chlorobenzene-d5	86		*%*	%	86	*%*	%	03/18/26	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 15, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NZ	03/17/26	14:39
Location Code:	ENVIROTR	Received by:	SR1	03/18/26	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49223				

Laboratory Data

SDG ID: GCV52023
Phoenix ID: CV52025

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Acetone	7.32	*0.421*	0.421	17.4	*1.00*	1.00	03/18/26	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/26	KCA	1	

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-4

Phoenix I.D.: CV52025

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/18/26	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloromethane	0.534	*0.485*	0.485	1.10	*1.00*	1.00	03/18/26	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/26	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/26	KCA	1	
Dichlorodifluoromethane	0.481	*0.202*	0.202	2.38	*1.00*	1.00	03/18/26	KCA	1	
Ethanol	17.5	*0.531*	0.531	33.0	*1.00*	1.00	03/18/26	KCA	1	1
Ethyl acetate	0.366	*0.278*	0.278	1.32	*1.00*	1.00	03/18/26	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/26	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	03/18/26	KCA	1	
Isopropylalcohol	1.25	*0.407*	0.407	3.07	*1.00*	1.00	03/18/26	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
m,p-Xylene	0.358	*0.230*	0.230	1.55	*1.00*	1.00	03/18/26	KCA	1	
Methyl Ethyl Ketone	0.529	*0.339*	0.339	1.56	*1.00*	1.00	03/18/26	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/18/26	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/18/26	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/26	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/18/26	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	03/18/26	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/26	KCA	1	1
Toluene	0.686	*0.266*	0.266	2.58	*1.00*	1.00	03/18/26	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/26	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/18/26	KCA	1	
Trichlorofluoromethane	0.215	*0.178*	0.178	1.21	*1.00*	1.00	03/18/26	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/26	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/18/26	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	116	*%*	%	116	*%*	%	03/18/26	KCA	1	
% IS-1,4-Difluorobenzene	87	*%*	%	87	*%*	%	03/18/26	KCA	1	
% IS-Bromochloromethane	88	*%*	%	88	*%*	%	03/18/26	KCA	1	
% IS-Chlorobenzene-d5	85	*%*	%	85	*%*	%	03/18/26	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 15, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NZ	03/17/26	15:17
Location Code:	ENVIROTR	Received by:	SR1	03/18/26	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16001				

Laboratory Data

SDG ID: GCV52023
Phoenix ID: CV52026

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/18/26	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/18/26	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Acetone	2.67	*0.421*	0.421	6.34	*1.00*	1.00	03/18/26	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/18/26	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/18/26	KCA	1	

Project ID: 86 CLEVELAND AVENUE
Client ID: IA-3

Phoenix I.D.: CV52026

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/18/26	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/18/26	KCA	1	
Carbon Tetrachloride	0.076	*0.032*	0.032	0.48	*0.20*	0.20	03/18/26	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/18/26	KCA	1	
Chloromethane	0.560	*0.485*	0.485	1.16	*1.00*	1.00	03/18/26	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/18/26	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/18/26	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/18/26	KCA	1	
Dichlorodifluoromethane	0.470	*0.202*	0.202	2.32	*1.00*	1.00	03/18/26	KCA	1	
Ethanol	7.69	*0.531*	0.531	14.5	*1.00*	1.00	03/18/26	KCA	1	1
Ethyl acetate	1.61	*0.278*	0.278	5.80	*1.00*	1.00	03/18/26	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/18/26	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/18/26	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	03/18/26	KCA	1	
Isopropylalcohol	0.479	*0.407*	0.407	1.18	*1.00*	1.00	03/18/26	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/18/26	KCA	1	
m,p-Xylene	0.233	*0.230*	0.230	1.01	*1.00*	1.00	03/18/26	KCA	1	
Methyl Ethyl Ketone	3.16	*0.339*	0.339	9.31	*1.00*	1.00	03/18/26	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/18/26	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/18/26	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/18/26	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/18/26	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/18/26	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/18/26	KCA	1	1
Styrene	0.241	*0.235*	0.235	1.03	*1.00*	1.00	03/18/26	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	03/18/26	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/18/26	KCA	1	1
Toluene	2.28	*0.266*	0.266	8.59	*1.00*	1.00	03/18/26	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/18/26	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/18/26	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/18/26	KCA	1	
Trichlorofluoromethane	0.228	*0.178*	0.178	1.28	*1.00*	1.00	03/18/26	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/18/26	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/18/26	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	118	*%*	%	118	*%*	%	03/18/26	KCA	1	
% IS-1,4-Difluorobenzene	87	*%*	%	87	*%*	%	03/18/26	KCA	1	
% IS-Bromochloromethane	87	*%*	%	87	*%*	%	03/18/26	KCA	1	
% IS-Chlorobenzene-d5	85	*%*	%	85	*%*	%	03/18/26	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 15, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NZ	03/17/26	14:53
Location Code:	ENVIROTR	Received by:	SR1	03/18/26	16:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16004				

Laboratory Data

SDG ID: GCV52023
Phoenix ID: CV52027

Project ID: 86 CLEVELAND AVENUE
Client ID: OA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/19/26	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/19/26	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/19/26	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/19/26	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/19/26	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/19/26	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/19/26	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/19/26	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/19/26	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/19/26	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/19/26	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/19/26	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/19/26	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/19/26	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/19/26	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/19/26	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/19/26	KCA	1	
Acetone	2.21	*0.421*	0.421	5.25	*1.00*	1.00	03/19/26	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/19/26	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/19/26	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/19/26	KCA	1	

Project ID: 86 CLEVELAND AVENUE
Client ID: OA-1

Phoenix I.D.: CV52027

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	03/19/26	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/19/26	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/19/26	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/19/26	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/19/26	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/19/26	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/19/26	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/19/26	KCA	1	
Chloromethane	0.609	*0.485*	0.485	1.26	*1.00*	1.00	03/19/26	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/19/26	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/19/26	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/19/26	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/19/26	KCA	1	
Dichlorodifluoromethane	0.468	*0.202*	0.202	2.31	*1.00*	1.00	03/19/26	KCA	1	
Ethanol	4.84	*0.531*	0.531	9.11	*1.00*	1.00	03/19/26	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/19/26	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/19/26	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	03/19/26	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/19/26	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	03/19/26	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	03/19/26	KCA	1	
Isopropylalcohol	0.656	*0.407*	0.407	1.61	*1.00*	1.00	03/19/26	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/19/26	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/19/26	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	03/19/26	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/19/26	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/19/26	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/19/26	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/19/26	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	03/19/26	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/19/26	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/19/26	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/19/26	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	03/19/26	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/19/26	KCA	1	1
Toluene	ND	*0.266*	0.266	ND	*1.00*	1.00	03/19/26	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/19/26	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/19/26	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/19/26	KCA	1	
Trichlorofluoromethane	0.211	*0.178*	0.178	1.18	*1.00*	1.00	03/19/26	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/19/26	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/19/26	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	116	*%*	%	116	*%*	%	03/19/26	KCA	1	
% IS-1,4-Difluorobenzene	87	*%*	%	87	*%*	%	03/19/26	KCA	1	
% IS-Bromochloromethane	88	*%*	%	88	*%*	%	03/19/26	KCA	1	
% IS-Chlorobenzene-d5	86	*%*	%	86	*%*	%	03/19/26	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 15, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Canister Sampling Information

June 15, 2026

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Location Code: ENVIROTR

SDG I.D.: GCV52023

Project ID: 86 CLEVELAND AVENUE

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CV52023	4615	6.0L	5623	03/09/26	-30	-5	10.5	23.5	76.5	-30	-7	03/17/26 08:01	03/17/26 14:45
IA-2	CV52024	492	6.0L	19850	03/09/26	-30	-9	10.5	10.6	0.9	-29	-8	03/17/26 07:59	03/17/26 14:41
IA-4	CV52025	49223	6.0L	19867	03/09/26	-30	-8.5	11	11.5	4.4	-29	-7	03/17/26 07:48	03/17/26 14:39
IA-3	CV52026	16001	6.0L	5036	03/09/26	-30	-8.5	11.1	11	0.9	-30	-8	03/17/26 07:53	03/17/26 15:17
OA-1	CV52027	16004	6.0L	0383	03/09/26	-30	-7.5	11.2	11.5	2.6	-30	-8	03/17/26 07:46	03/17/26 14:53

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

June 15, 2026

QA/QC Data

SDG I.D.: GCV52023

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 831045 (ppbv), QC Sample No: CV51571 (CV52023, CV52024, CV52025, CV52026, CV52027)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.075	ND	0.51	110	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.026	ND	0.14	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.033	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.033	ND	0.18	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.025	ND	0.10	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.037	ND	0.15	95	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.020	ND	0.10	105	5.50	5.55	1.12	1.13	0.9	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.022	ND	0.17	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.027	ND	0.16	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.023	ND	0.09	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.025	ND	0.12	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.029	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.023	ND	0.11	104	2.32	2.17	0.472	0.442	6.6	70 - 130	25
1,3-Butadiene	ND	0.028	ND	0.06	96	0.19	0.19	0.084	0.084	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.028	ND	0.17	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.031	ND	0.19	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.034	ND	0.12	109	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	98	0.83	0.87	0.178	0.186	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.021	ND	0.09	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.028	ND	0.14	107	3.03	3.13	0.616	0.637	3.4	70 - 130	25
4-Isopropyltoluene	ND	0.091	ND	0.50	96	0.73	0.64	0.133	0.116	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.027	ND	0.11	105	0.34	ND	0.082	ND	NC	70 - 130	25
Acetone	ND	0.037	ND	0.09	95	39.2	41.1	16.5	17.3	4.7	70 - 130	25
Acrylonitrile	ND	0.230	ND	0.50	121	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.027	ND	0.09	99	0.51	0.56	0.160	0.174	8.4	70 - 130	25
Benzyl chloride	ND	0.031	ND	0.16	106	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.027	ND	0.18	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.023	ND	0.24	121	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.026	ND	0.10	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.029	ND	0.09	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.022	ND	0.14	112	0.50	0.50	0.080	0.080	NC	70 - 130	25
Chlorobenzene	ND	0.031	ND	0.14	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.038	ND	0.10	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.023	ND	0.11	98	0.47	0.63	0.097	0.130	NC	70 - 130	25
Chloromethane	ND	0.047	ND	0.10	101	1.08	1.23	0.525	0.594	12.3	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.025	ND	0.10	98	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.024	ND	0.11	115	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.041	ND	0.14	94	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.030	ND	0.26	118	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.030	ND	0.15	102	1.93	2.07	0.390	0.419	7.2	70 - 130	25

QA/QC Data

SDG I.D.: GCV52023

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.036	ND	0.07	97	136 E	135	72.2 E	71.9	0.4	70 - 130	25
Ethyl acetate	ND	0.139	ND	0.50	111	4.21	4.43	1.17	1.23	5.0	70 - 130	25
Ethylbenzene	ND	0.034	ND	0.15	104	0.94	0.93	0.216	0.214	0.9	70 - 130	25
Heptane	ND	0.031	ND	0.13	97	1.34	1.28	0.328	0.313	4.7	70 - 130	25
Hexachlorobutadiene	ND	0.020	ND	0.21	89	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.023	ND	0.08	105	0.53	0.56	0.151	0.158	4.5	70 - 130	25
Isopropylalcohol	ND	0.044	ND	0.11	95	16.8	17.1	6.82	6.96	2.0	70 - 130	25
Isopropylbenzene	ND	0.028	ND	0.14	95	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.055	ND	0.24	107	3.50	3.52	0.806	0.810	0.5	70 - 130	25
Methyl Ethyl Ketone	ND	0.048	ND	0.14	97	4.01	4.21	1.36	1.43	5.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.025	ND	0.09	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.031	ND	0.11	87	0.77	0.79	0.223	0.229	2.7	70 - 130	25
Naphthalene	ND	2.50	ND	13.1	100	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.091	ND	0.50	98	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.031	ND	0.13	106	1.47	1.40	0.338	0.322	4.8	70 - 130	25
Propylene	ND	0.140	ND	0.24	95	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.091	ND	0.50	96	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.027	ND	0.11	102	1.26	1.29	0.297	0.304	2.3	70 - 130	25
Tetrachloroethene	ND	0.018	ND	0.12	101	0.54	0.54	0.079	0.080	NC	70 - 130	25
Tetrahydrofuran	ND	0.027	ND	0.08	95	0.89	0.90	0.302	0.304	0.7	70 - 130	25
Toluene	ND	0.022	ND	0.08	103	1.91	2.03	0.507	0.539	6.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.021	ND	0.08	104	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.024	ND	0.11	108	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.026	ND	0.14	99	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.037	ND	0.21	97	1.10	1.13	0.196	0.201	2.5	70 - 130	25
Trichlorotrifluoroethane	ND	0.035	ND	0.27	95	0.43	0.44	0.056	0.058	NC	70 - 130	25
Vinyl Chloride	ND	0.032	ND	0.08	100	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	113	%	113	%	102	117	117	117	117	NC	70 - 130	25
% IS-1,4-Difluorobenzene	114	%	114	%	102	98	96	98	96	NC	60 - 140	25
% IS-Bromochloromethane	113	%	113	%	106	99	98	99	98	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	118	95	96	95	96	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
June 15, 2026

Sample Criteria Exceedances Report

GCV52023 - ENVIROTR

Criteria: NY: AIRIA

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CV52023	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.086	0.051	0.051	0.051	ppbv
CV52023	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.072	0.032	0.032	0.032	ppbv
CV52024	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.095	0.051	0.051	0.051	ppbv
CV52024	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.081	0.032	0.032	0.032	ppbv
CV52025	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CV52026	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CV52027	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

06/15/2026

Phoenix Environmental Laboratories, Inc.

Page 29 of 259

CHAIN OF CUSTODY RECORD

AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

ENVIROTR

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:

☐ Fax #:

☒ Email: tracy.garthwaite@enviotrac...

☐ Phone #:

Report to:	Tracy Garthwaite	Project Name: 86 Cleveland Avenue	Data Format: (Circle) Equis Excel Other:
Customer:	EnviroTrac	Invoice to: Minvoices@envirotrac.com	Requested Deliverable: RCP (ASP CAT B)
Address:	5 Old Dock Rd		MCP NJ Deliverables
18839	Yaphank, NY 11980	Sampled by: Nick Zarcone	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
52023	IA-1	4615	6.0L	-30	-5	5623	10.5	8:01	14:45	3/17/26	-30	-7					
52024	IA-2	492	6.0L	-30	-9	19850	10.5	7:59	14:41		-29	-8					
52025	IA-4	49223	6.0L	-30	-8.5	19867	11	7:48	14:39		-29	-7					
52026	IA 3	16001	6.0L	-30	-8.5	5036	11.1	7:53	15:17		-30	-8					
52027	OA-1	16004	6.0L	-30	-7.5	0383	11.2	7:46	14:50		-30	-8					
52028	Dup *	49238	6.0L	-30	-30	7045	22.7	7:58	14:41		-29	-8					
X	(NO) *	~~53510~~	~~6.0L~~	~~-30~~		~~7045~~	~~22.7~~										

Relinquished by:	Accepted by:	Date:	Time:	
Nick Zarcone		3/19/26	18:00	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:
		3/18/26	10:10	Signature: (TG) Date: 3/12/26

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

*rec. Snared regulator (JW)
(6) - 6.0L 8 hr, 6 Connectors

*NYSDEC CatB Deliverable
EDDs

xcanister 53510 rec. unused (JW)

Turnaround Time:

- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial	Vapor Intrusion	Indoor Air: Residential Non-residential	Indoor Air: Residential Industrial
TAC RES					
SVVC I/C					
SVVC RES	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab: Residential Industrial
GWV I/C					
GWV CES					

GCV52023

Sam Runyon

From: Tracy Garthwaite, PG <tracyg@envirotrac.com>
Sent: Wednesday, March 18, 2026 11:28 AM
To: Sam Runyon
Subject: Re: 86 Cleveland Ave. proj.

Sorry. Please run all samples for VOCs TO-15. The last Summa listed on the COC was not used.

Thanks,

Tracy

Tracy Garthwaite, PG
Senior Project Manager
O: 631.924.3001 x147 C: 631.905.4259
tracy.garthwaite@envirotrac.com
envirotrac.com

EnviroTrac

This email may contain confidential and privileged material for the sole use of the intended recipient(s) for coordination of its work efforts with EnviroTrac. Any review, use, distribution or disclosure by others is strictly prohibited. This data is subject to change at the discretion of EnviroTrac. If you have received this communication in error, please notify the sender immediately by email and delete the message and any file attachments from your computer.

From: Sam Runyon <samr@phoenixlabs.com>
Sent: Wednesday, March 18, 2026 11:24 AM
To: Tracy Garthwaite, PG <tracyg@envirotrac.com>
Subject: 86 Cleveland Ave. proj.

Good morning,

For the attached chain, are the samples remaining on hold for now or did you need them run for TO-15? Please let me know at your earliest convenience.

Thank you,
Samantha Runyon (she/her)
Client Services
Phoenix Environmental Laboratories
587 East Middle Tpke.
Manchester, CT 06040
samr@phoenixlabs.com

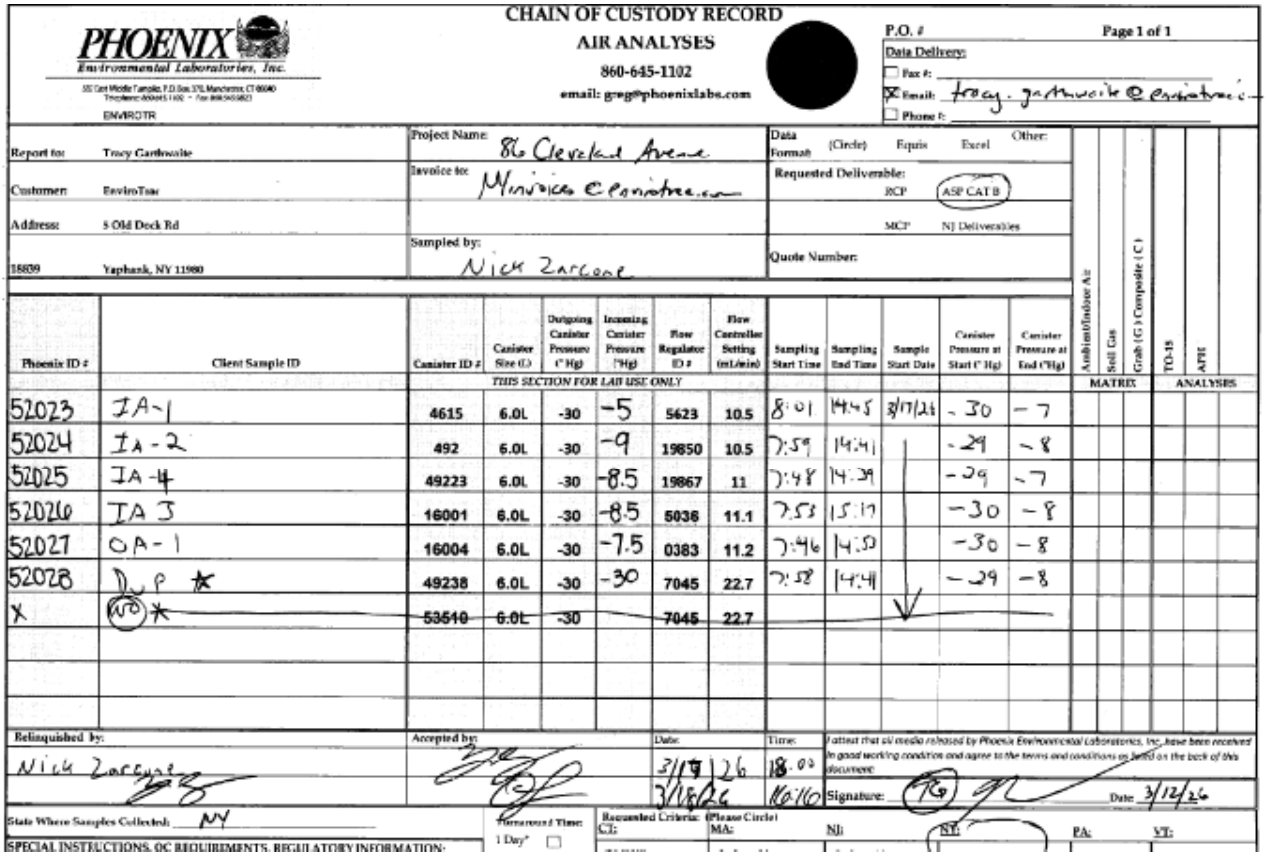
Outlook

Air Samples Cleveland Ave GCV52023

From Greg Lawrence <greg@phoenixlabs.com>
Date Tue 3/24/2026 8:49 AM
To tracy.garthwaite@envirotrac.com <tracy.garthwaite@envirotrac.com>

Hello,

Sample ID Dup, Lab ID CV52028 was received at -30" of Hg. This means no sample was collected for this location.



CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
55 Dart Woods Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860-645-1102 • Fax: 860-645-0823
ENVIROTR

AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. # Page 1 of 1
Data Delivery:
☐ Fax #:
☒ Email: tracy.garthwaite@envirotrac.com
☐ Phone #:

Report to:	Tracy Garthwaite	Project Name:	86 Cleveland Avenue
Customer:	EnviroTrac	Invoice to:	Invoice@envirotrac.com
Address:	8 Old Deck Rd	Sampled by:	Nick Zarcone
18839	Yaphank, NY 11980	Quote Number:	

Data Format (Circle) Equis Excel Other:
Requested Deliverable:
RCP (ASP CAT B)
MCP NJ Deliverables

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure (" Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End (" Hg)	MATRIX: Ambient/Indoor Air	MATRIX: Soil Gas	MATRIX: Grab (G) Composite (C)	ANALYSES: TO-15	ANALYSES: APH
	THIS SECTION FOR LAB USE ONLY																
52023	IA-1	4615	6.0L	-30	-5	5623	10.5	8:01	14:45	3/17/26	-30	-7					
52024	IA-2	492	6.0L	-30	-9	19850	10.5	7:59	14:41		-29	-8					
52025	IA-4	49223	6.0L	-30	-8.5	19867	11	7:48	14:39		-29	-7					
52026	IA 3	16001	6.0L	-30	-8.5	5036	11.1	7:53	15:17		-30	-8					
52027	OA-1	16004	6.0L	-30	-7.5	0383	11.2	7:46	14:50		-30	-8					
52028	Dup *	49238	6.0L	-30	-30	7045	22.7	7:58	14:41		-29	-8					
X	(VOID) *	~~53510~~	~~6.0L~~	~~-30~~		~~7045~~	~~22.7~~										

Relinquished by: Nick Zarcone — Date: 3/17/26 — Time: 18:00
Accepted by: — Date: 3/18/26 — Time: 10:10

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.
Signature: — Date: 3/17/26

State Where Samples Collected: NY
Turnaround Time: 1 Day* ☐
Requested Criteria: (Please Circle) CT: MA: NJ: NY: PA: VT:
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: EnviroTrac

86 CLEVELAND AVENUE

Laboratory Project: GCV52023

Volatile TO15
Ver 1

Organic Data Flags

LOD(MDL): Limit of Detection or Method Detection Limit
The minimum reportable concentration that can be measured with confidence.

PQL(RL): Practical Quantitation Level or Reporting Level
This value is at or above the MDL and is supported by the lowest calibration standard.

· · Q Qualifiers:

U - The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the “U” represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

J - Indicates an estimated value, may indicate one of the following, depending on the situation:
a) The reported value is estimated and below the RL.
Compounds that are detected above MDL but below RL are qualified with a J flag.
b) Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
c) QC associated with this analyte is within warning limits.

X - The concentration is not reported. This quantitation file was not evaluated for this compound at this dilution; a volatile purging or related issue may be the cause.

L - Biased Low

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified.

S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

B - This compound was also present in the method blank

D - The reported concentration is the result of a diluted analysis. Samples that require dilution may result in elevated reporting limits that exceed requested criteria for one or more analytes.

E - The reported value is estimated because the concentration exceeded the calibration range.

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

P- Percent difference is greater than 25% between the two GC columns and the lower result is reported.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG: GCV52023

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 86 CLEVELAND AVENUE, EnviroTrac

Form 1 (Analysis):

No observations noted.

Detailed reference spectra will print 'Below Cal' for the full scan compounds that are reported from the SIM and are below the lowest calibration point in the full scan analysis. If analytes required manual integration. Manual integrations are flagged with an 'm' to indicate the analyte that required this process.

Form 2 (Surrogates):

All surrogates met criteria with the following exceptions: None.

Form 3 (Laboratory Control/Matrix Spike):

Sample: CV51571 LCS
All LCS recoveries met criteria with the following exceptions: None.

Form 4 (Method Blank):

File: CHEM20 0318_05.D
All compounds were non-detect with the following exceptions: None.

Form 5 (Tune):

File: CHEM20 0317_04.D
All Tune criteria was met with the following exceptions: None.

File: CHEM20 0318_02.D
All Tune criteria was met with the following exceptions: None.

Form 6 (Initial Calibration):

Calibration: CHEM20 03/17/26 - 03/18/26
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.
All ICV recoveries met criteria (70-130) with the following exceptions: None.

Form 7 (Continuing Calibration):

File: CHEM20 0318_02.D (Opening)
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: Benzyl chloride 28.0% (20)

File: CHEM20 0319_02.D (Closing)
The following compounds did not meet maximum % deviations: 1,1-Dichloroethene 50.8% (30), Methylene Chloride 44.1% (30), Carbon Disulfide 49.5% (30), Trichlorotrifluoroethane 54.3% (30), Benzyl chloride 30.0% (20), 1,2,4-Trichlorobenzene 31.9% (30), 1,1-Dichloroethene(sim) 57.6% (30), Trichlorotrifluoroethane(sim) 59.6% (30), 1,2,4-Trichlorobenzene(sim) 31.3% (30)

Form 8 (Internal Standard and Retention Time):

PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG: GCV52023

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 86 CLEVELAND AVENUE, EnviroTrac

File: CHEM20 - x20_AIR_0317.M / 0318_02.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - x20_AIR_0317.M / 0318_02.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - x20_AIR_0317.M / Average Full
All samples met internal standard area and retention time critieria with the following exceptions:
0317_15.D - ICAL 40: Chlorobenzene-d5; Area 405175 (143418 - 338659)

File: CHEM20 - x20_AIR_0317.M / Average Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

Sample data is not affected by detections in the canister cleaning blank associated with this SDG.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.



04/10/26

Alejandro Paredes
Project Manager

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SDG: GCV52023

QC Batch Id: 831045 QC Sample Id: CV51571

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CV51571 LCS	CV51571 LCS	102				0
02	CV51571 BLANK	CV51571 BLANK	113				0
03	CV51571 QC	CV51571 QC	117				0
04	CV51571 DUP	CV51571 DUP	117				0
05	IA-1	CV52023	115				0
06	IA-2	CV52024	112				0
07	IA-4	CV52025	116				0
08	IA-3	CV52026	118				0
09	OA-1	CV52027	116				0
10							
11							
12							
13							
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29							
30							

			QC LIMITS
SMC1	BFB	Bromofluorobenzene	(70-130)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No: SAS No: SDG No GCV52023

LCS - Client Id: CV51571 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.520	95	70	130
Dichlorodifluoromethane	10		10.15	102	70	130
Chloromethane	10		10.13	101	70	130
1,2-Dichlorotetrafluoroethane	10		10.08	101	70	130
Vinyl Chloride	10		9.960	100	70	130
1,3-Butadiene	10		9.586	96	70	130
Bromomethane	10		9.698	97	70	130
Chloroethane	10		9.471	95	70	130
Ethanol	10		9.731	97	70	130
Acetone	10		9.513	95	70	130
Trichlorofluoromethane	10		9.668	97	70	130
Isopropylalcohol	10		9.456	95	70	130
Acrylonitrile	10		12.14	121	70	130
1,1-Dichloroethene	10		9.456	95	70	130
Methylene Chloride	10		8.675	87	70	130
Carbon Disulfide	10		10.05	101	70	130
Trichlorotrifluoroethane	10		9.474	95	70	130
Trans-1,2-Dichloroethene	10		10.39	104	70	130
1,1-Dichloroethane	10		10.14	101	70	130
Methyl tert-butyl ether(MTBE)	10		10.37	104	70	130
Methyl Ethyl Ketone	10		9.665	97	70	130
Cis-1,2-Dichloroethene	10		9.762	98	70	130
Hexane	10		10.51	105	70	130
Chloroform	10		9.817	98	70	130
Ethyl acetate	10		11.06	111	70	130
Tetrahydrofuran	10		9.526	95	70	130
1,2-Dichloroethane	10		10.01	100	70	130
1,1,1-Trichloroethane	10		10.36	104	70	130
Benzene	10		9.853	99	70	130
Carbon Tetrachloride	10		11.18	112	70	130
Cyclohexane	10		9.404	94	70	130
1,2-dichloropropane	10		9.576	96	70	130
Bromodichloromethane	10		10.29	103	70	130
Trichloroethene	10		9.936	99	70	130
2,2,4-trimethylpentane	10		9.817	98	70	130
1,4-Dioxane	10		10.86	109	70	130
Heptane	10		9.665	97	70	130
cis-1,3-Dichloropropene	10		11.48	115	70	130
4-Methyl-2-pentanone(MIBK)	10		10.51	105	70	130
trans-1,3-Dichloropropene	10		10.76	108	70	130
1,1,2-Trichloroethane	10		10.01	100	70	130
Toluene	10		10.28	103	70	130
Dibromochloromethane	10		11.75	118	70	130
2-Hexanone(MBK)	10		10.63	106	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No: SAS No: SDG No GCV52023

LCS - Client Id: CV51571 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.32	103	70	130
Tetrachloroethene	10		10.06	101	70	130
1,1,1,2-Tetrachloroethane	10		10.98	110	70	130
Chlorobenzene	10		10.15	102	70	130
Ethylbenzene	10		10.40	104	70	130
m,p-Xylene	20		21.32	107	70	130
Bromoform	10		12.11	121	70	130
Styrene	10		10.21	102	70	130
1,1,2,2-Tetrachloroethane	10		10.25	103	70	130
o-Xylene	10		10.60	106	70	130
Isopropylbenzene	10		9.471	95	70	130
4-Ethyltoluene	10		10.69	107	70	130
1,3,5-Trimethylbenzene	10		10.35	104	70	130
1,2,4-Trimethylbenzene	10		10.49	105	70	130
Benzyl chloride	10		10.62	106	70	130
1,3-Dichlorobenzene	10		10.37	104	70	130
1,4-Dichlorobenzene	10		10.44	104	70	130
sec-Butylbenzene	10		9.592	96	70	130
4-Isopropyltoluene	10		9.596	96	70	130
1,2-Dichlorobenzene	10		10.37	104	70	130
n-Butylbenzene	10		9.774	98	70	130
1,2,4-Trichlorobenzene	10		10.13	101	70	130
Naphthalene	10		9.970	100	70	130
Hexachlorobutadiene	10		8.945	89	70	130

FORM III AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CV51571 BLANK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Lab File ID: 0318_05.D Lab Sample ID: CV51571 BLK

Date Analyzed: 03/18/2026 Time Analyzed: 15:54

GC Column: RTX-1 60M Lab Batch ID: 831045

Instrument ID: CHEM20 Heated Purge:(Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING QC AND FIELD SAMPLES:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CV51571 LCS	CV51571 LCS	0318_04.D	15:22
02	CV51571 QC	CV51571 0.5X	0318_09.D	20:58
03	CV51571 DUP	CV51571 DUP 0.5X	0318_10.D	21:37
04	IA-1	CV52023	0318_11.D	22:12
05	IA-2	CV52024	0318_12.D	22:47
06	IA-4	CV52025	0318_13.D	23:23
07	IA-3	CV52026	0318_14.D	23:58
08	OA-1	CV52027	0318_15.D	00:33
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16				
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18				
19				
20				

COMMENTS:

FORM IV AIR

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Lab File ID: 0317_04.D BFB Injection Date: 03/17/26

Instrument ID: CHEM20 BFB Injection Time: 15:08

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 1014, 1015, 1016; Background Corrected with Scan 1009

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	20.5			
75	30.0 - 66.0% of mass 95	54.9			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.1			
173	Less than 2.0% of mass 174	0.8	(	0.9	)1
174	50.0 - 120.0% of mass 95	95.4			
175	4.0 - 9.0% of mass 174	7.6	(	7.3	)1
176	93.0 - 101.0% of mass 174	100.0	(	95.7	)1
177	5.0 - 9.0% of mass 176	6.0	(	5.7	)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	ICAL 0.01	0.01ppbv	0317_05.D	03/17/26	16:37	
02	ICAL 0.02	0.02 ppbv	0317_06.D	03/17/26	17:09	
03	ICAL 0.035	0.035 ppbv	0317_07.D	03/17/26	19:27	
04	ICAL 0.05	0.05 ppbv	0317_08.D	03/17/26	20:02	
05	ICAL 0.1	0.10 ppbv	0317_09.D	03/17/26	20:34	
06	ICAL 0.2	0.20 ppbv	0317_10.D	03/17/26	21:06	
07	ICAL 0.5	0.5 ppbv	0317_11.D	03/17/26	21:40	
08	ICAL 2.5	2.5 ppbv	0317_12.D	03/17/26	22:15	
09	ICAL 5	5.0 ppbv	0317_13.D	03/17/26	22:47	
10	ICAL 25	25 ppbv	0317_14.D	03/17/26	23:21	
11	ICAL 40	40 ppbv	0317_15.D	03/17/26	23:58	
12	ICAL 1	1.0 ppbv	0317_16.D	03/18/26	00:30	
13	ICAL 10	10.0 ppbv	0317_17.D	03/18/26	01:02	
14	ICV_CHEM20_0317	10 ppbv LCs	0317_18.D	03/18/26	01:36	
15						
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_04.D
Acq On : 17 Mar 2026 3:08 pm
Operator :
Sample : 0/0
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 18 16:13:50 2026

AutoFind: Scans 1014, 1015, 1016; Background Corrected with Scan 1009

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	20.5	31069	PASS
75	95	30	66	54.9	83123	PASS
95	95	100	100	100.0	151509	PASS
96	95	5	9	6.1	9249	PASS
173	174	0.00	2	0.9	1277	PASS
174	95	50	120	95.4	144579	PASS
175	174	4	9	7.6	10990	PASS
176	174	93	101	100.3	144987	PASS
177	176	5	9	6.0	8668	PASS

x20_AIR_0317.M Wed Mar 18 16:14:12 2026

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Lab File ID: 0318_02.D BFB Injection Date: 03/18/26

Instrument ID: CHEM20 BFB Injection Time: 14:15

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 1014, 1015, 1016; Background Corrected with Scan 1009

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	19.3			
75	30.0 - 66.0% of mass 95	56.1			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.2			
173	Less than 2.0% of mass 174	0.8	(	0.8	)1
174	50.0 - 120.0% of mass 95	97.2			
175	4.0 - 9.0% of mass 174	7.2	(	7.0	)1
176	93.0 - 101.0% of mass 174	96.0	(	93.3	)1
177	5.0 - 9.0% of mass 176	6.7	(	6.2	)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb cCal; TO1518L	0318_02.D	03/18/26	14:15	
02	CV51571 LCS	CV51571 LCS	0318_04.D	03/18/26	15:22	
03	CV51571 BLANK	CV51571 BLANK	0318_05.D	03/18/26	15:54	
04	CV51571 QC	CV51571 QC	0318_09.D	03/18/26	20:58	
05	CV51571 DUP	CV51571 DUP	0318_10.D	03/18/26	21:37	
06	IA-1	CV52023	0318_11.D	03/18/26	22:12	
07	IA-2	CV52024	0318_12.D	03/18/26	22:47	
08	IA-4	CV52025	0318_13.D	03/18/26	23:23	
09	IA-3	CV52026	0318_14.D	03/18/26	23:58	
10	OA-1	CV52027	0318_15.D	03/19/26	00:33	
11	CCCAL 1	1ppb cCal; TO1518L	0319_02.D	03/19/26	10:56	
12						
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25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Sample : 1ppb cCal; TO1518L
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 18 16:13:50 2026

AutoFind: Scans 1014, 1015, 1016; Background Corrected with Scan 1009

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	19.3	27060	PASS
75	95	30	66	56.1	78816	PASS
95	95	100	100	100.0	140472	PASS
96	95	5	9	6.2	8647	PASS
173	174	0.00	2	0.8	1100	PASS
174	95	50	120	97.2	136544	PASS
175	174	4	9	7.2	9862	PASS
176	174	93	101	96.0	131085	PASS
177	176	5	9	6.7	8730	PASS

x20_AIR_0317.M Thu Mar 19 07:35:36 2026

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Lab Method / File Id: x20_AIR_0317.M / Average Date Analyzed: 03/18/26

Instrument ID: CHEM20 Time Analyzed: 0:30

GC Column: ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) Area Avg	#	RT Avg	#	IS2 (DFB) Area Avg	#	RT Avg	#	IS3 (CBZ) Area Avg	#	RT Avg	#			LAB FILE ID
	REFERENCE STD	136300		6.90		460509		8.07		241038		10.58				Average
	UPPER LIMIT	191501		7.23		647015		8.40		338659		10.91				Average
	LOWER LIMIT	81098		6.57		274003		7.74		143418		10.25				Average
	CLIENT ID															
01	ICAL 0.2	121896		6.89		446060		8.07		185414		10.58				0317_10.D
02	ICAL 0.5	125193		6.90		446387		8.07		184811		10.58				0317_11.D
03	ICAL 2.5	122883		6.90		447416		8.07		193854		10.58				0317_12.D
04	ICAL 5	123782		6.89		440728		8.07		206171		10.58				0317_13.D
05	ICAL 25	142069		6.90		435045		8.07		289969		10.58				0317_14.D
06	ICAL 40	163451		6.90		476311		8.07		405175	*	10.58				0317_15.D
07	ICAL 1	148262		6.89		516692		8.07		220168		10.58				0317_16.D
08	ICAL 10	142862		6.90		475432		8.07		242744		10.58				0317_17.D
09	ICV_CHEM20_0317	144624		6.90		481188		8.07		247517		10.58				0317_18.D
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
AREA LOWER LIMIT = - 60% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Lab Method / File Id: x20_AIR_0317.M / Average Date Analyzed: 03/18/26

Instrument ID: CHEM20 Time Analyzed: 0:30

GC Column: ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) Area Avg	#	RT Avg	#	IS2 (DFB) Area Avg	#	RT Avg	#	IS3 (CBZ) Area Avg	#	RT Avg	#			LAB FILE ID
	REFERENCE STD	159773		6.89		467021		8.07		202208		10.58				Average
	UPPER LIMIT	224481		7.22		656165		8.40		284102		10.91				Average
	LOWER LIMIT	95065		6.56		277877		7.74		120314		10.25				Average
	CLIENT ID															
01	ICAL 0.01	169226		6.89		492965		8.07		209840		10.58				0317_05.D
02	ICAL 0.02	162528		6.89		478982		8.07		202308		10.58				0317_06.D
03	ICAL 0.035	163294		6.89		479098		8.07		201856		10.58				0317_07.D
04	ICAL 0.05	154290		6.89		454558		8.07		193925		10.58				0317_08.D
05	ICAL 0.1	152357		6.89		457764		8.07		182079		10.58				0317_09.D
06	ICAL 0.2	150449		6.89		445220		8.07		185978		10.58				0317_10.D
07	ICAL 0.5	150819		6.89		447691		8.07		185037		10.58				0317_11.D
08	ICAL 2.5	151787		6.89		448216		8.07		193702		10.58				0317_12.D
09	ICAL 5	153850		6.89		440613		8.07		206517		10.58				0317_13.D
10	ICAL 1	176346		6.89		516692		8.07		220301		10.58				0317_16.D
11	ICAL 10	172555		6.90		475432		8.07		242744		10.58				0317_17.D
12																
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21																
22																

IS1 (BCM) = Bromochloromethane
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* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCV52023

Lab Method / File Id: x20_AIR_0317.M / 0318_02.D Date Analyzed: 03/18/26

Instrument ID: CHEM20 Time Analyzed: 14:15

GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

	IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#			LAB FILE ID
REFERENCE STD	130709		6.90		469290		8.07		205074		10.58				0318_02.D
UPPER LIMIT	183646		7.23		659352		8.40		288129		10.91				0318_02.D
LOWER LIMIT	77772		6.57		279228		7.74		122019		10.25				0318_02.D
CLIENT ID															
01 CCAL 1	130709		6.90		469290		8.07		205074		10.58				0318_02.D
02 CV51571 LCS	138743		6.90		477099		8.07		241506		10.58				0318_04.D
03 CV51571 BLANK	148009		6.90		533963		8.07		216079		10.58				0318_05.D
04 CV51571 QC	129572		6.90		459876		8.07		195821		10.58				0318_09.D
05 CV51571 DUP	127640		6.90		449367		8.07		196789		10.58				0318_10.D
06 IA-1	129388		6.90		452924		8.07		191052		10.58				0318_11.D
07 IA-2	116286		6.90		411332		8.07		176883		10.58				0318_12.D
08 IA-4	114633		6.90		409313		8.07		174993		10.58				0318_13.D
09 IA-3	113947		6.90		408386		8.07		173929		10.58				0318_14.D
10 OA-1	115359		6.90		409182		8.07		177108		10.58				0318_15.D
11 CCCAL 1	119322		6.90		426379		8.07		186843		10.58				0319_02.D
12															
13															
14															
15															
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17															
18															
19															
20															
21															
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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCV52023

Lab Method / File Id: x20_AIR_0317.M / 0318_02.D Date Analyzed: 03/18/26

Instrument ID: CHEM20 Time Analyzed: 14:15

GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#			LAB FILE ID
	REFERENCE STD	159713		6.90		469290		8.07		205186		10.58				0318_02.D
	UPPER LIMIT	224397		7.23		659352		8.40		288286		10.91				0318_02.D
	LOWER LIMIT	95029		6.57		279228		7.74		122086		10.25				0318_02.D
	CLIENT ID															
01	CCAL 1	159713		6.90		469290		8.07		205186		10.58				0318_02.D
02	CV51571 LCS	168694		6.90		477367		8.07		241615		10.58				0318_04.D
03	CV51571 BLANK	176524		6.89		533963		8.07		217098		10.58				0318_05.D
04	CV51571 QC	156725		6.90		459247		8.07		195821		10.58				0318_09.D
05	CV51571 DUP	154214		6.90		449367		8.07		197209		10.58				0318_10.D
06	IA-1	156214		6.90		452924		8.07		191259		10.58				0318_11.D
07	IA-2	140855		6.90		411426		8.07		176883		10.58				0318_12.D
08	IA-4	140917		6.90		409234		8.07		174171		10.58				0318_13.D
09	IA-3	141584		6.90		408536		8.07		174085		10.58				0318_14.D
10	OA-1	138095		6.90		410678		8.07		177325		10.58				0318_15.D
11	CCCAL 1	144162		6.90		426379		8.07		186843		10.58				0319_02.D
12																
13																
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* Values outside of QC limits.

FORM VIII VOA

CLIENT ID

AIR ANALYSIS DATA SHEET

IA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52023

Canister: 4615 Lab File ID: 0318_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.430		0.202	0.202	r
74-87-3	Chloromethane	0.581		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	20.9	S	0.531	0.531	r
67-64-1	Acetone	2.15	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.197		0.178	0.178	r
67-63-0	Isopropylalcohol	0.935	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.777		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.438		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.621		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

IA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52023

Canister: 4615 Lab File ID: 0318_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.072		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.086		0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.261		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2026 10:12 pm
Operator :
Client ID : IA-1
Lab ID : CV52023
ALS Vial : 6 Sample Multiplier: 1

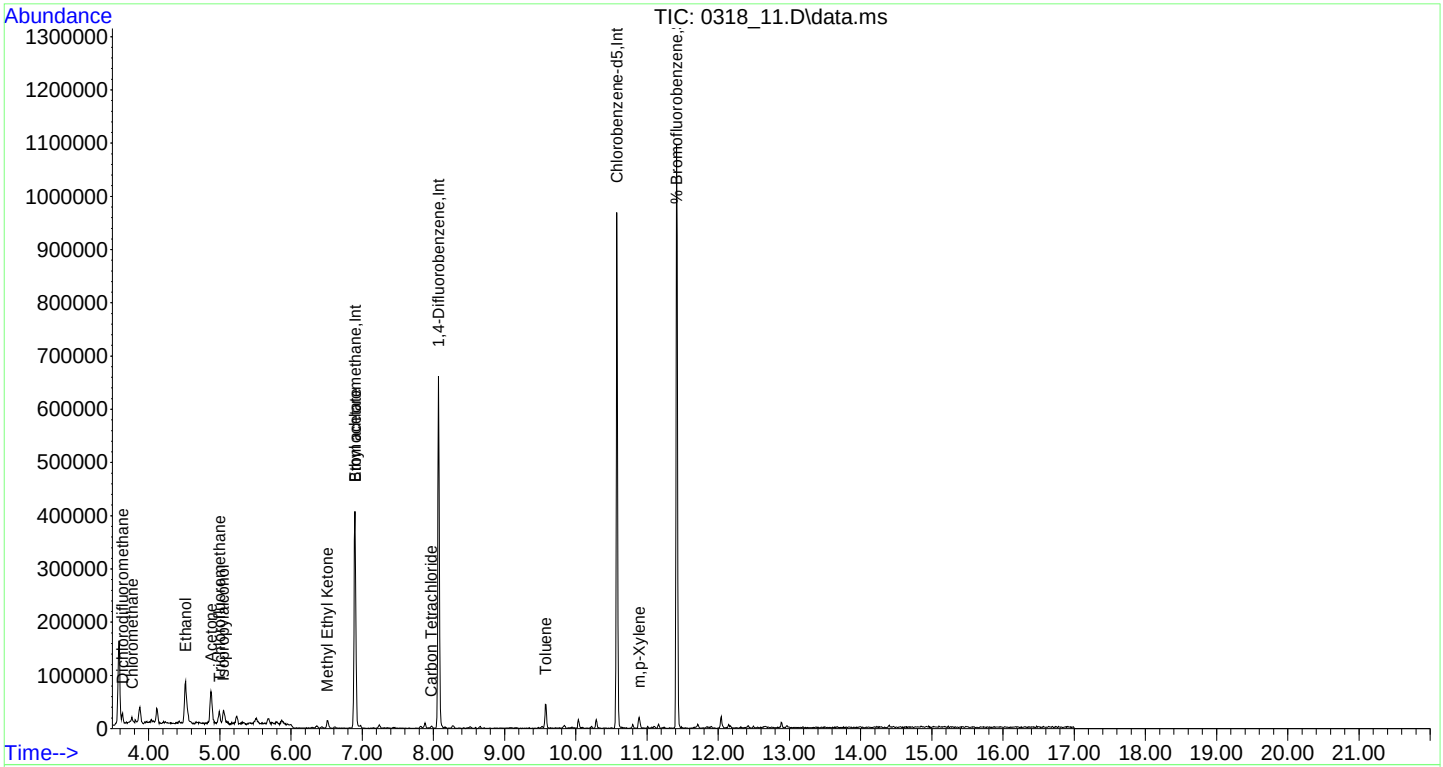
Quant Time: Mar 19 07:38:00 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

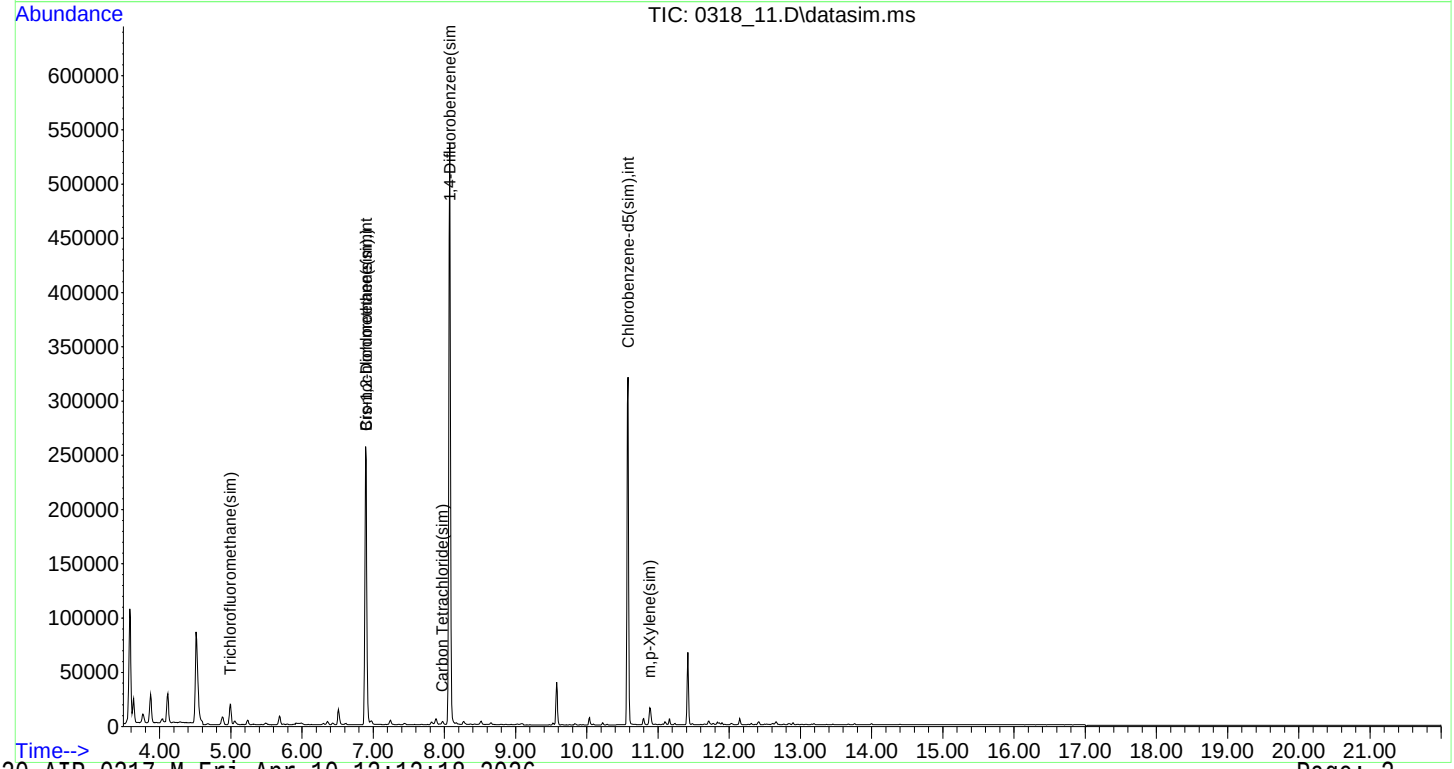
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	129388	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	452924	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	191052	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	156214	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	452924	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	191259	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	243674	11.543	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.40%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	19900	0.430	ppbv		97
4) Chloromethane	3.772	50	8605	0.580	ppbv		100
11) Ethanol	4.518	45	120234	20.850	ppbv#		79
12) Acetone	4.877	43	65561	2.151	ppbv		91
13) Trichlorofluoromethane	4.994	101	15672	0.197	ppbv		99
14) Isopropylalcohol	5.049	45	30799	0.935	ppbv#		94
25) Methyl Ethyl Ketone	6.509	43	16708	0.777	ppbv#		92
29) Ethyl acetate	6.898	61	1495	0.438	ppbv#		66
34) Carbon Tetrachloride	7.969	117	1274	0.054	ppbv#		69
48) Toluene	9.573	91	27742	0.621	ppbv		94
57) m,p-Xylene	10.890	91	11645	0.314	ppbv		98
85] Trichlorofluoromethane...	4.990	101	19011	0.212	ppbv#		97
89] Carbon Tetrachloride(sim)	7.972	117	1880	0.072	ppbv		98
94] Cis-1,2-Dichloroethene...	6.898	61	1495	0.086	ppbv#		44
109] m,p-Xylene(sim)	10.884	91	12606	0.261	ppbv		96

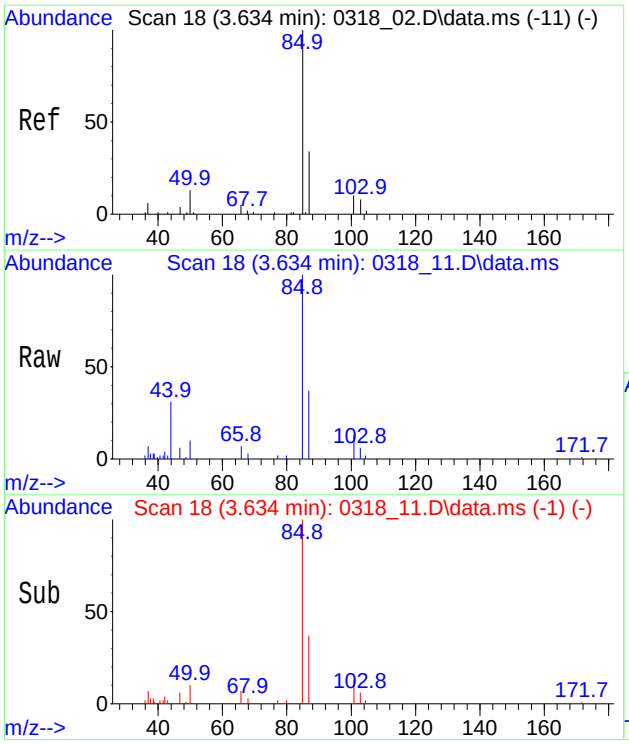
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2026 10:12 pm
Operator :
Client ID : IA-1
Lab ID : CV52023
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 07:38:00 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



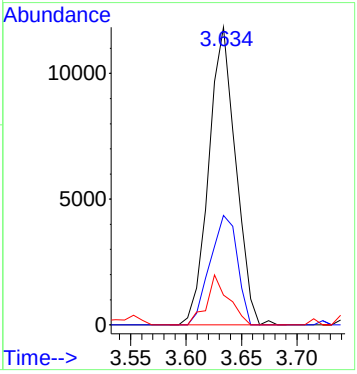


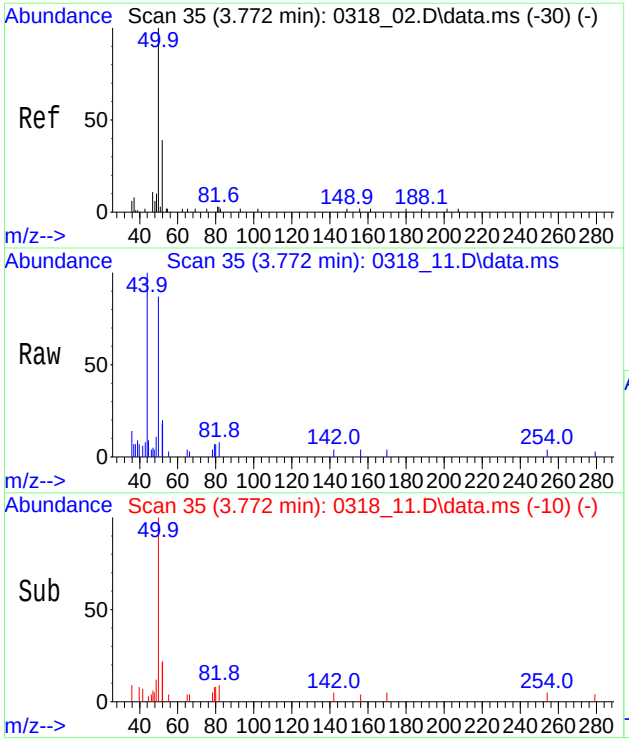


#3
Dichlorodifluoromethane
Conc: 8$ 0.430 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 85 Resp: 19900

Ion	Ratio	Lower	Upper
85	100		
87	37.2	28.2	42.2
50	13.5	11.9	17.9

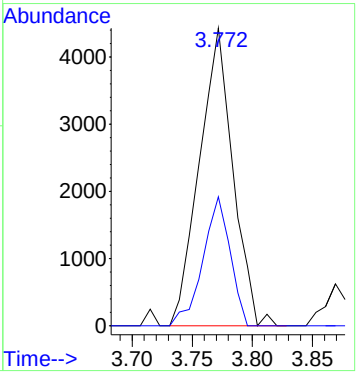


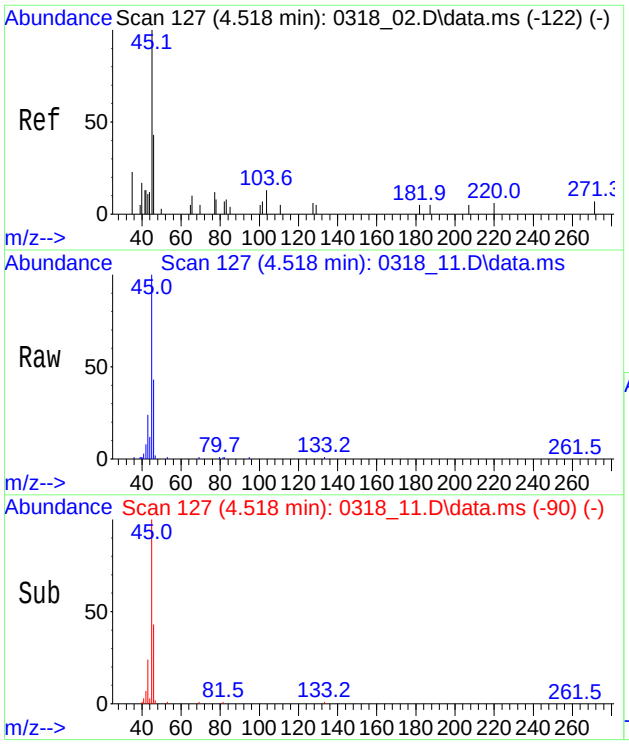


#4
Chloromethane
Conc: 8$ 0.580 ppbv
RT: 3.772 min Scan# 35
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 50 Resp: 8605

Ion	Ratio	Lower	Upper
50	100		
52	35.2	15.4	55.4

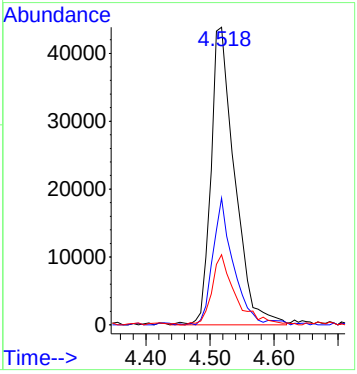


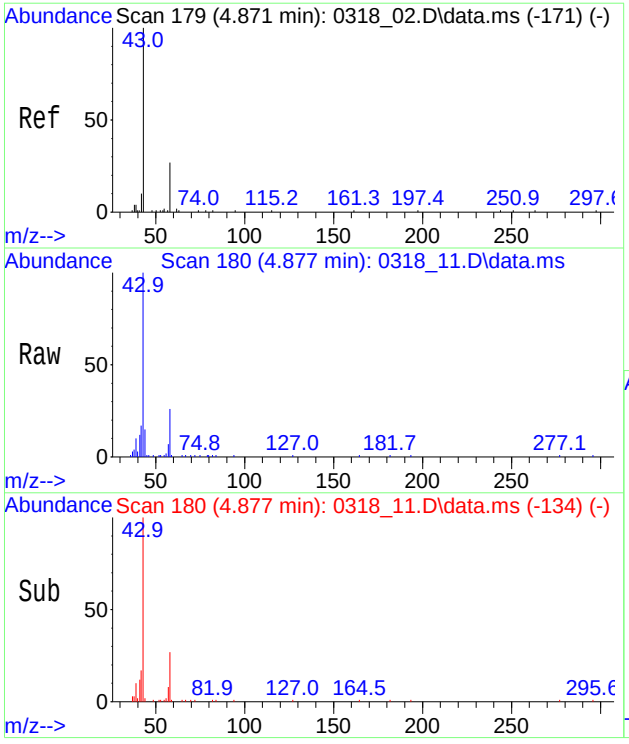


#11
Ethanol
Conc: 8$ 20.850 ppbv
RT: 4.518 min Scan# 127
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 45 Resp: 120234

Ion	Ratio	Lower	Upper
45	100		
46	34.2	26.6	40.0
43	22.5	36.4	54.6#

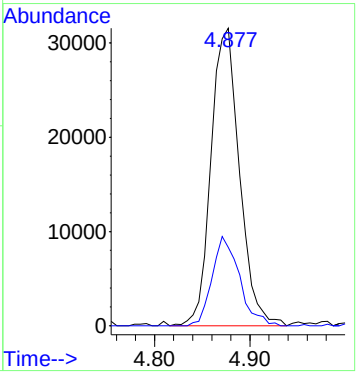


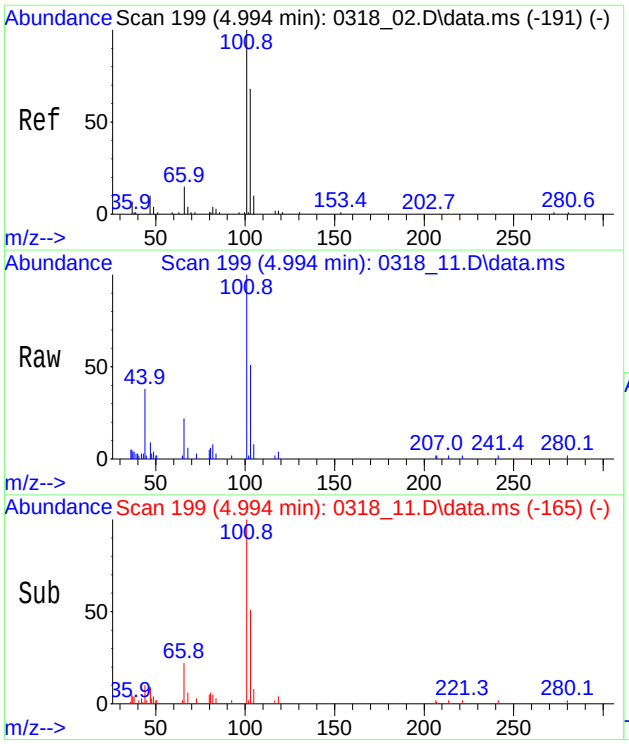


#12
Acetone
Conc: 8$ 2.151 ppbv
RT: 4.877 min Scan# 180
Delta R.T. 0.006 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 43 Resp: 65561

Ion	Ratio	Lower	Upper
43	100		
58	28.9	19.5	29.3

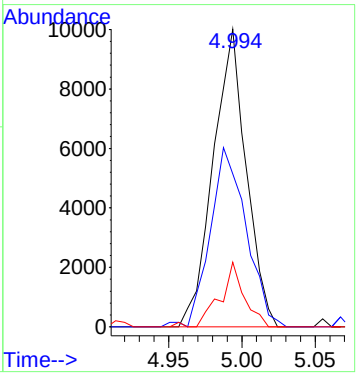


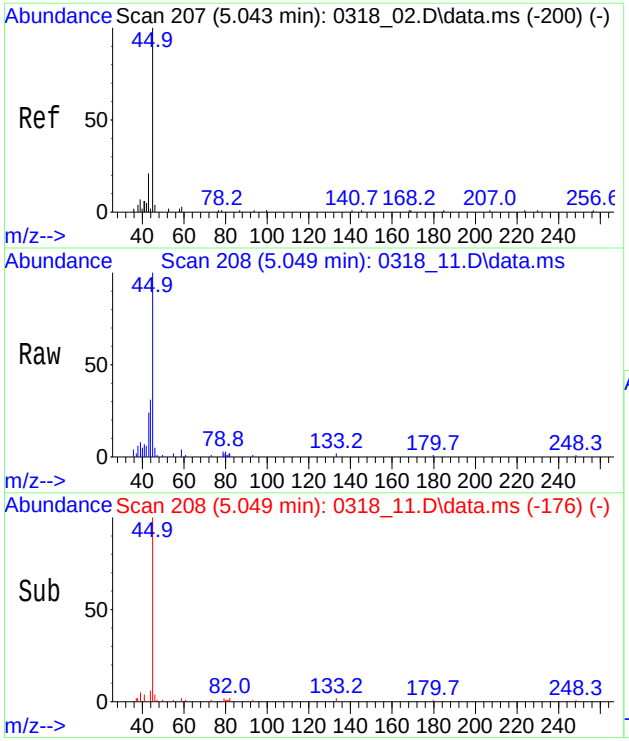


#13
Trichlorofluoromethane
Conc: 8$ 0.197 ppbv
RT: 4.994 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion:101 Resp: 15672

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.6	79.0
66	15.9	10.7	16.1

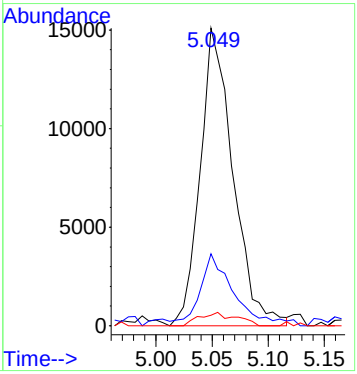


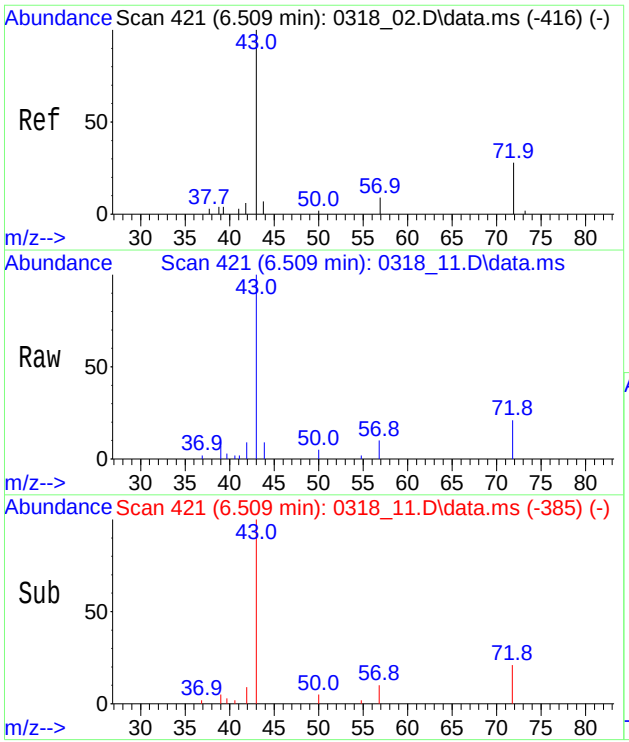


#14
Isopropylalcohol
Conc: 8$ 0.935 ppbv
RT: 5.049 min Scan# 208
Delta R.T. -0.006 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 45 Resp: 30799

Ion	Ratio	Lower	Upper
45	100		
43	24.9	17.4	26.2
59	5.0	2.7	4.1#

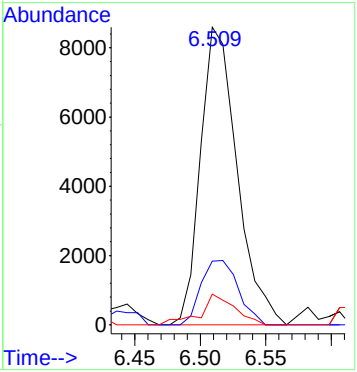


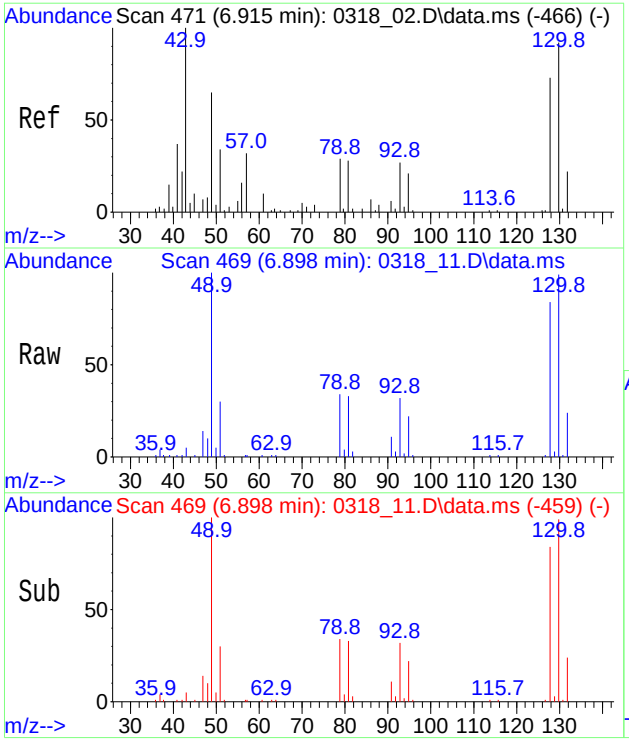


#25
Methyl Ethyl Ketone
Conc: 8$ 0.777 ppbv
RT: 6.509 min Scan# 421
Delta R.T. -0.008 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 43 Resp: 16708

Ion	Ratio	Lower	Upper
43	100		
72	21.9	14.6	22.0
57	9.7	5.7	8.5#

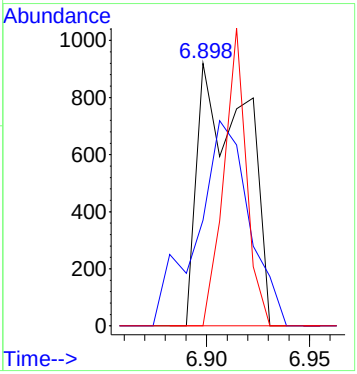


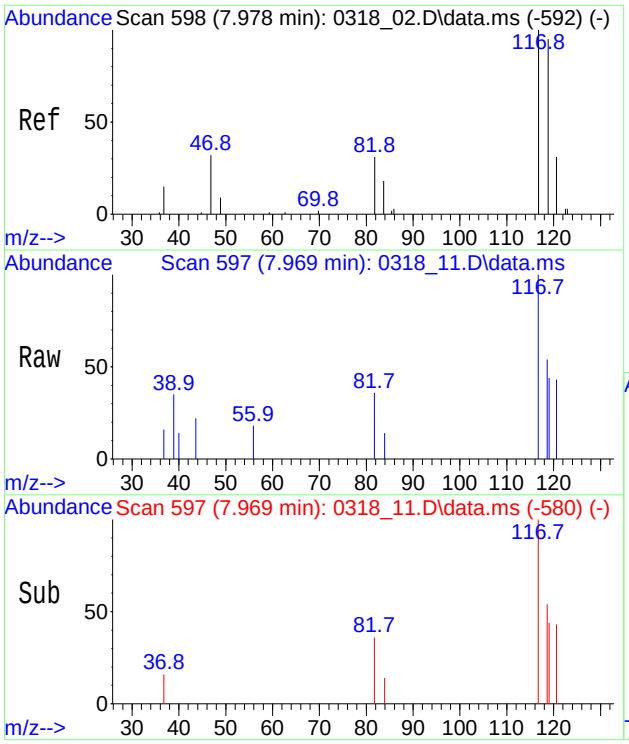


#29
Ethyl acetate
Conc: 8$ 0.438 ppbv
RT: 6.898 min Scan# 469
Delta R.T. -0.016 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 61 Resp: 1495

Ion	Ratio	Lower	Upper
61	100		
70	84.9	53.6	80.4#
88	52.6	16.0	24.0#

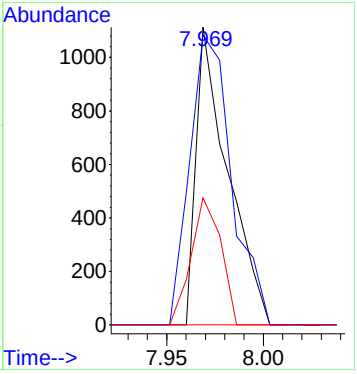


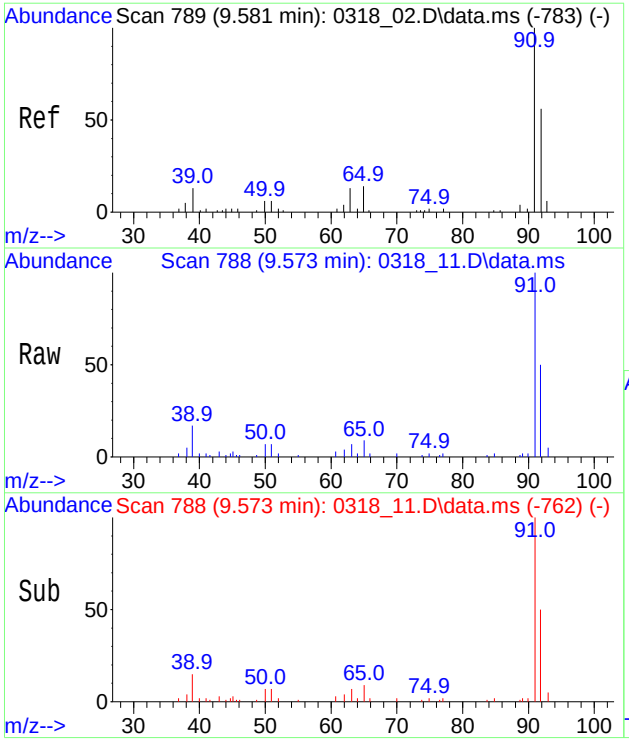


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.969 min Scan# 597
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion:117 Resp: 1274

Ion	Ratio	Lower	Upper
117	100		
119	128.5	73.6	113.6#
121	40.0	10.9	50.9

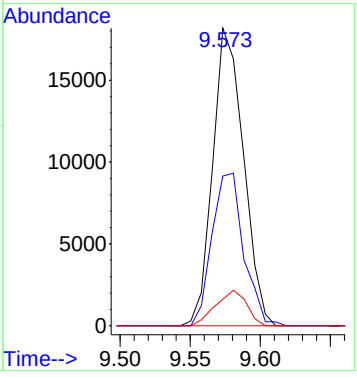


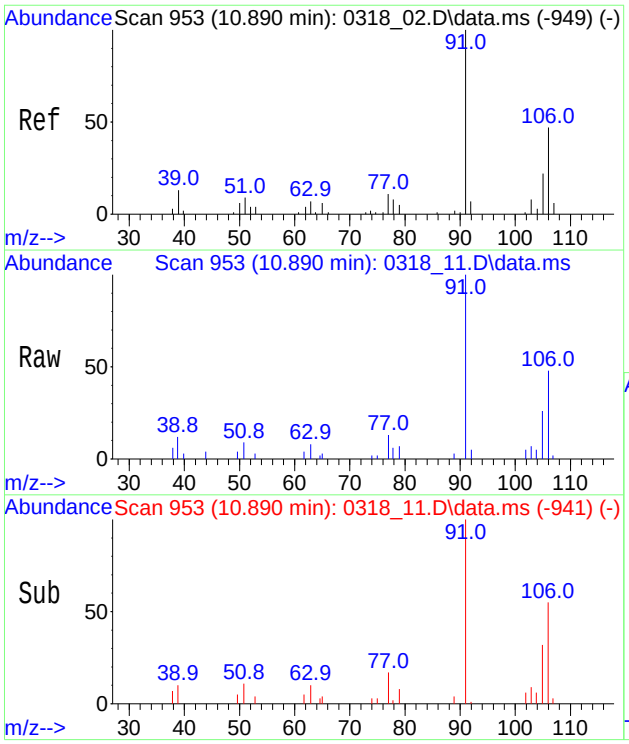


#48
Toluene
Conc: 8$ 0.621 ppbv
RT: 9.573 min Scan# 788
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 91 Resp: 27742

Ion	Ratio	Lower	Upper
91	100		
92	52.9	46.5	69.7
65	12.0	10.6	16.0

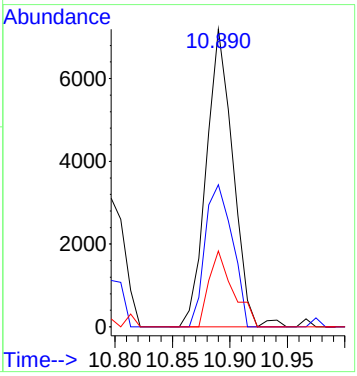


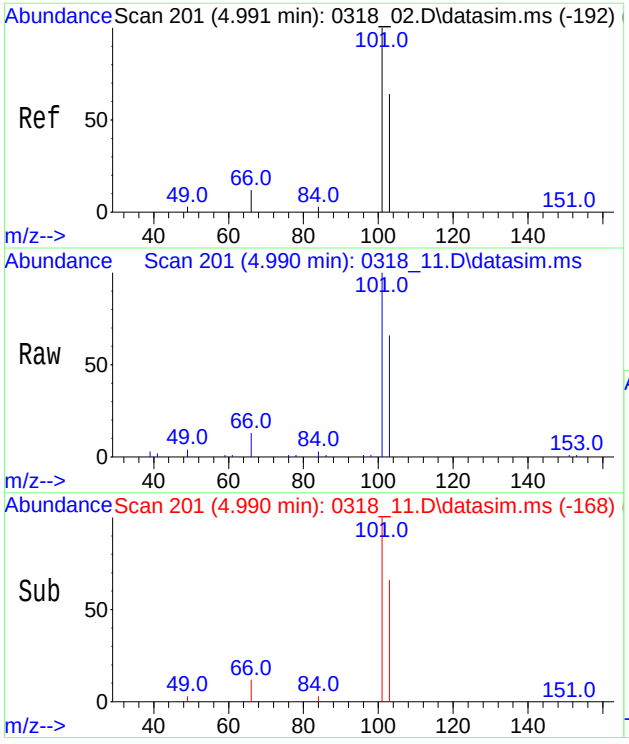


#57
m,p-Xylene
Conc: 8$ 0.314 ppbv
RT: 10.890 min Scan# 953
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 91 Resp: 11645

Ion	Ratio	Lower	Upper
91	100		
106	48.9	38.0	57.0
105	23.0	19.0	28.6

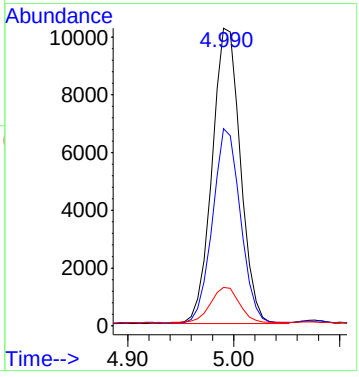


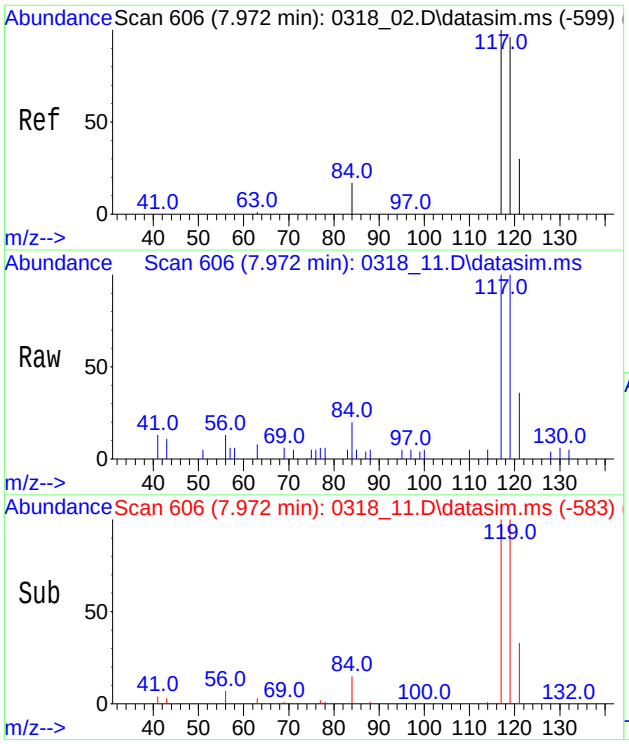


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.212 ppbv
RT: 4.990 min Scan# 201
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion:101 Resp: 19011

Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.9	80.9
66	12.8	12.2	12.2#

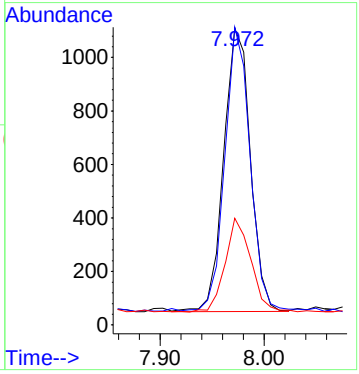


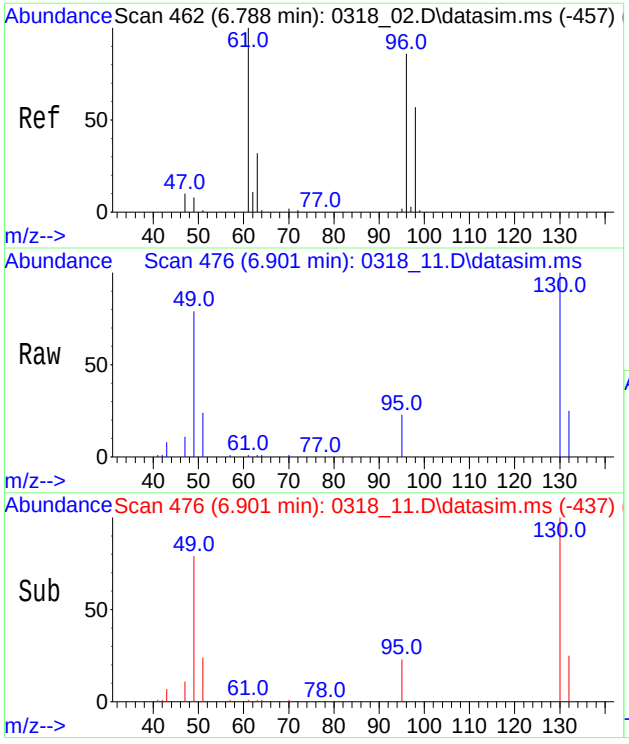


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.072 ppbv
RT: 7.972 min Scan# 606
Delta R.T. 0.000 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion:117 Resp: 1880

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.4
121	32.2	25.1	37.7

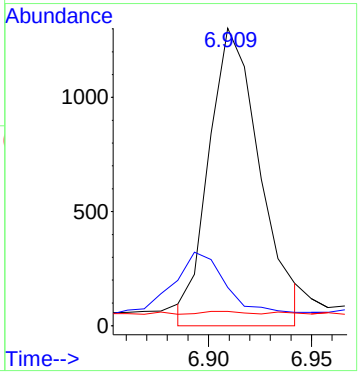


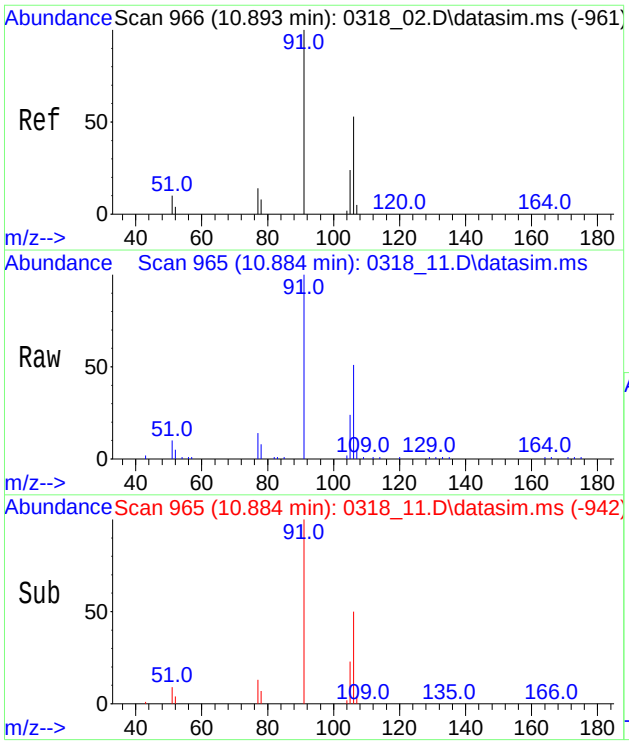


#94
Cis-1,2-Dichloroethene(sim)
Conc: 8$ 0.086 ppbv
RT: 6.898 min Scan# 476
Delta R.T. 0.114 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 61 Resp: 1495

Ion	Ratio	Lower	Upper
61	100		
96	35.7	61.5	92.3#
98	0.0	35.9	53.9#

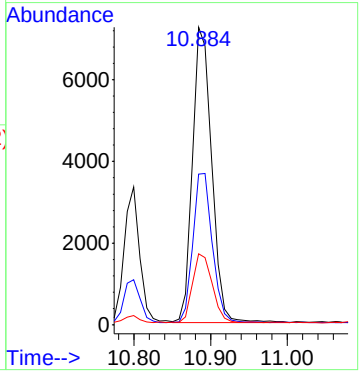




#109
m,p-Xylene(sim)
Conc: 8$ 0.261 ppbv
RT: 10.884 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_11.D
Acq: 18 Mar 2026 10:12 pm

Tgt Ion: 91 Resp: 12606

Ion	Ratio	Lower	Upper
91	100		
106	51.5	43.2	52.8
105	24.1	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

IA-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52024

Canister: 492 Lab File ID: 0318_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.465		0.202	0.202	r
74-87-3	Chloromethane	0.795		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	57.8	ES	0.531	0.531	r
67-64-1	Acetone	6.66	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.218		0.178	0.178	r
67-63-0	Isopropylalcohol	15.8	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.691		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.483		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.686		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
179601-23-1	m,p-Xylene	0.501		0.230	0.230	r
100-42-5	Styrene	0.387		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

IA-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52024

Canister: 492 Lab File ID: 0318_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.081		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.095		0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2026 10:47 pm
Operator :
Client ID : IA-2
Lab ID : CV52024
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 07:38:15 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

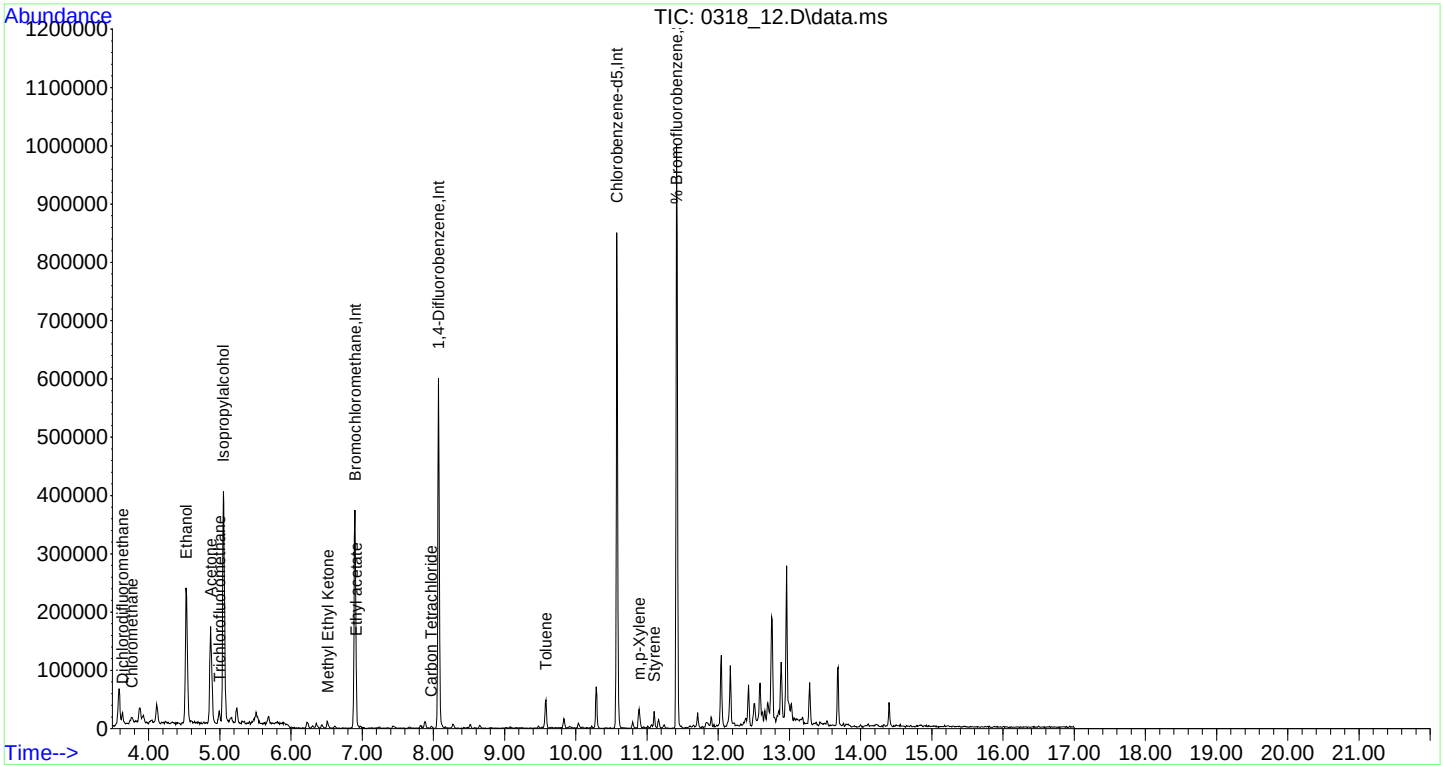
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	116286	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	411332	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	176883	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	140855	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	411426	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	176883	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	218186	11.163	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	19373	0.465	ppbv#		93
4) Chloromethane	3.764	50	10588	0.795	ppbv		99
11) Ethanol	4.526	45	299739	57.836	ppbv#		78
12) Acetone	4.871	43	182493	6.663	ppbv		92
13) Trichlorofluoromethane	4.994	101	15576	0.218	ppbv#		93
14) Isopropylalcohol	5.049	45	468077	15.805	ppbv#		99
25) Methyl Ethyl Ketone	6.517	43	13351	0.691	ppbv#		90
29) Ethyl acetate	6.915	61	1483	0.483	ppbv#		67
34) Carbon Tetrachloride	7.969	117	1570	0.074	ppbv#		82
48) Toluene	9.581	91	27853	0.686	ppbv#		97
57) m,p-Xylene	10.890	91	17231	0.501	ppbv		92
59) Styrene	11.102	104	10402	0.387	ppbv		95
85] Trichlorofluoromethane...	4.990	101	18249	0.225	ppbv#		97
89] Carbon Tetrachloride(sim)	7.972	117	1893	0.081	ppbv		100
94] Cis-1,2-Dichloroethene...	6.915	61	1483	0.095	ppbv#		23
109] m,p-Xylene(sim)	10.884	91	20291	0.454	ppbv		96

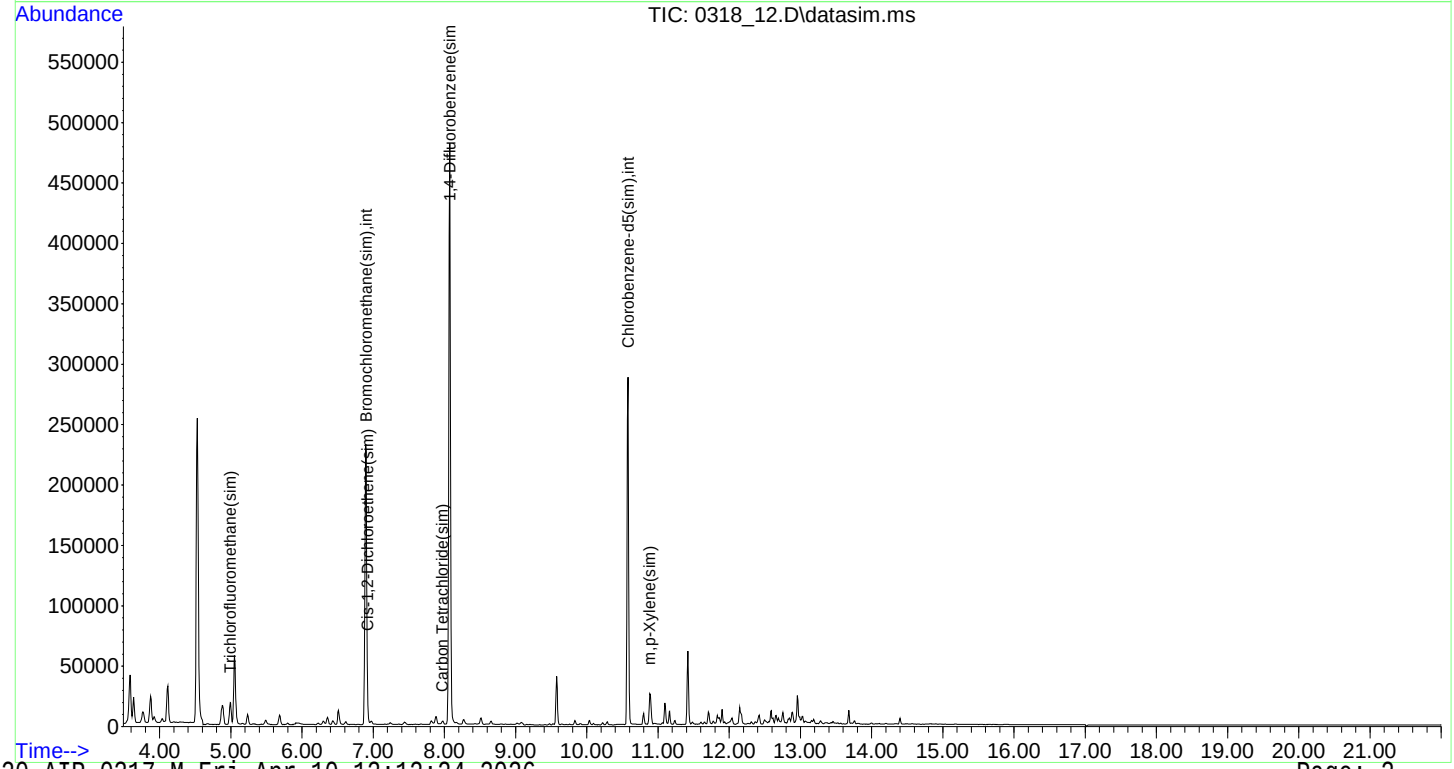
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

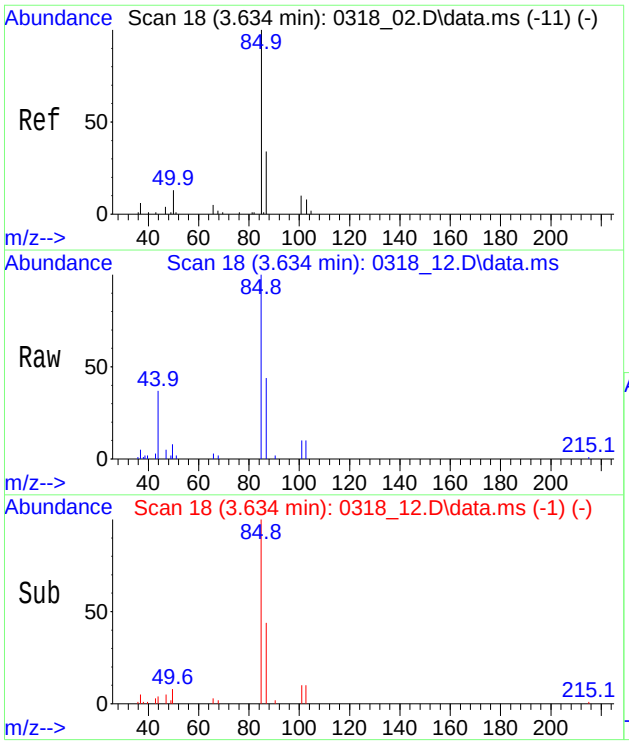
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2026 10:47 pm
Operator :
Client ID : IA-2
Lab ID : CV52024
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 07:38:15 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



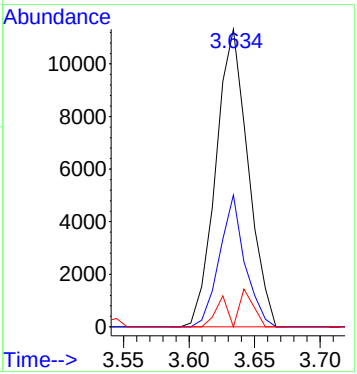


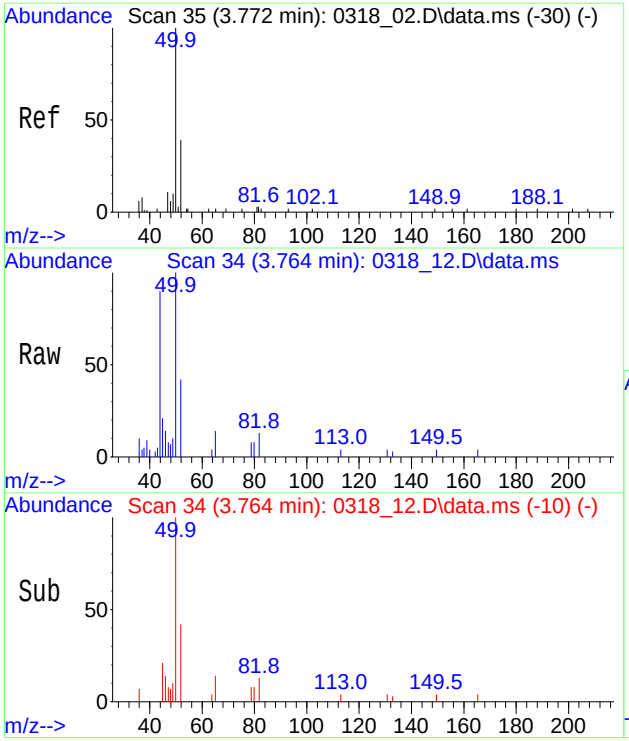


#3
Dichlorodifluoromethane
Conc: 8$ 0.465 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 85 Resp: 19373

Ion	Ratio	Lower	Upper
85	100		
87	35.0	28.2	42.2
50	5.4	11.9	17.9#

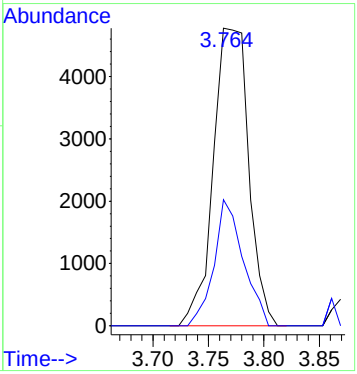


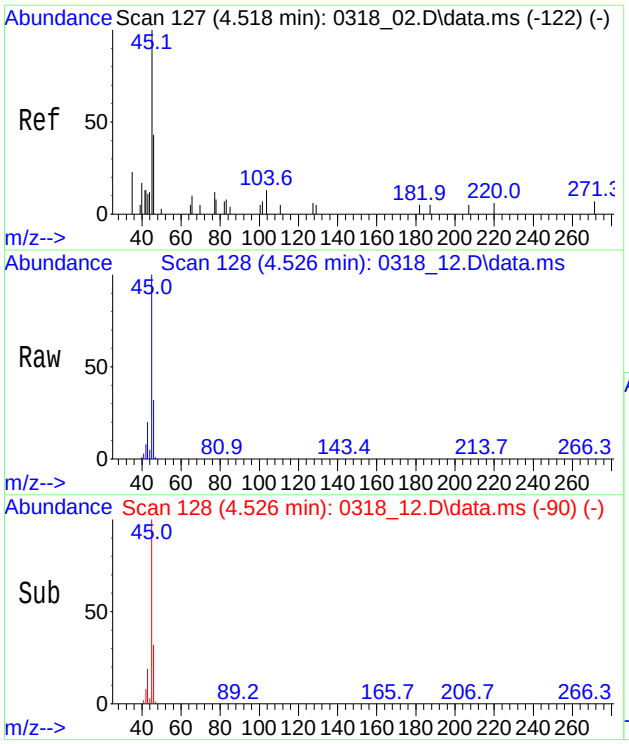


#4
Chloromethane
Conc: 8$ 0.795 ppbv
RT: 3.764 min Scan# 34
Delta R.T. -0.008 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 50 Resp: 10588

Ion	Ratio	Lower	Upper
50	100		
52	35.0	15.4	55.4

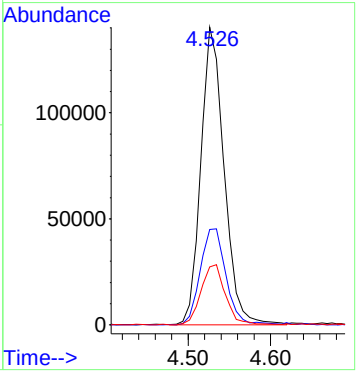


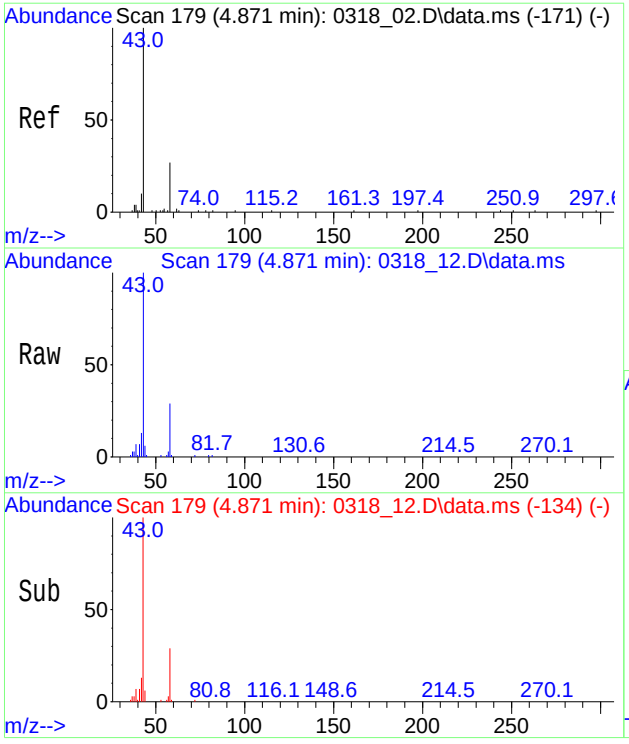


#11
Ethanol
Conc: 8$ 57.836 ppbv
RT: 4.526 min Scan# 128
Delta R.T. 0.008 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 45 Resp: 299739

Ion	Ratio	Lower	Upper
45	100		
46	34.6	26.6	40.0
43	21.0	36.4	54.6#

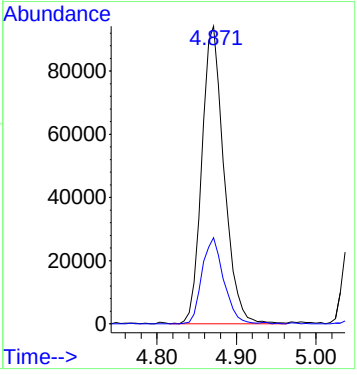


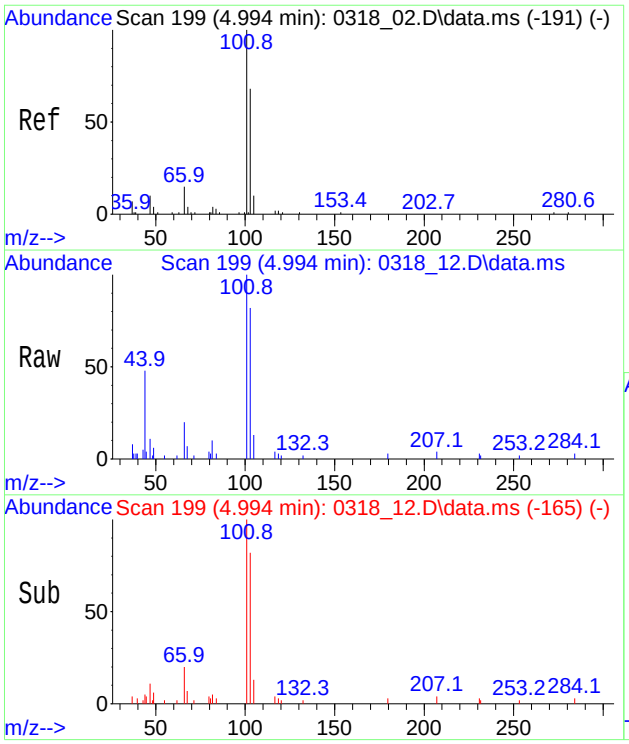


#12
Acetone
Conc: 8$ 6.663 ppbv
RT: 4.871 min Scan# 179
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 43 Resp: 182493

Ion	Ratio	Lower	Upper
43	100		
58	28.2	19.5	29.3

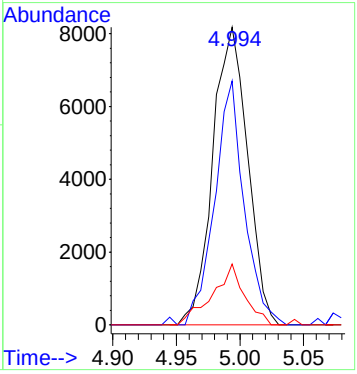


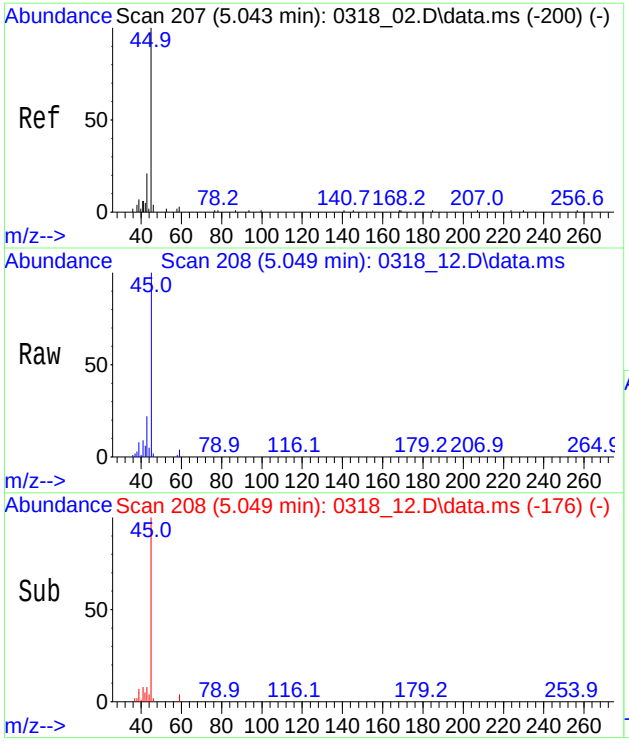


#13
Trichlorofluoromethane
Conc: 8$ 0.218 ppbv
RT: 4.994 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion:101 Resp: 15576

Ion	Ratio	Lower	Upper
101	100		
103	70.3	52.6	79.0
66	18.8	10.7	16.1#

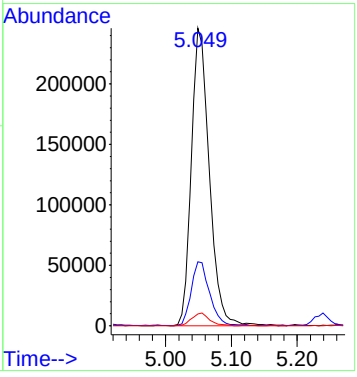


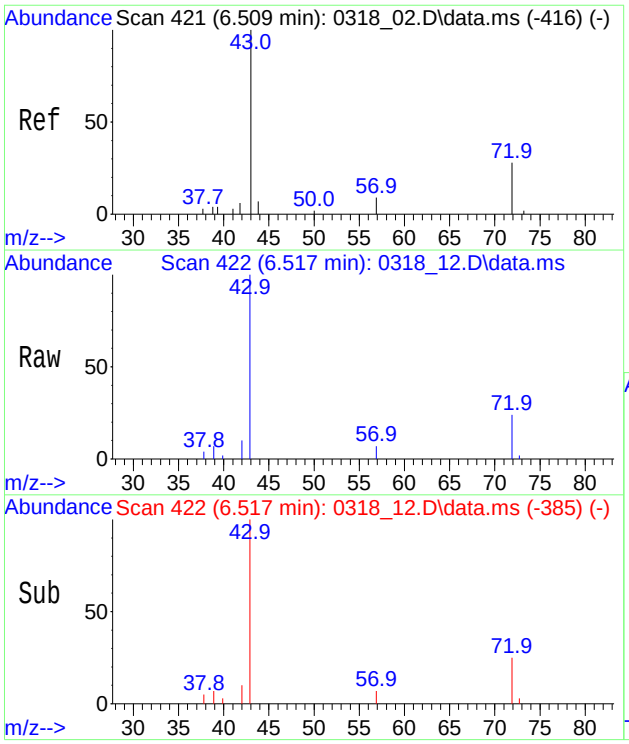


#14
Isopropylalcohol
Conc: 8$ 15.805 ppbv
RT: 5.049 min Scan# 208
Delta R.T. -0.006 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 45 Resp: 468077

Ion	Ratio	Lower	Upper
45	100		
43	22.1	17.4	26.2
59	4.3	2.7	4.1#

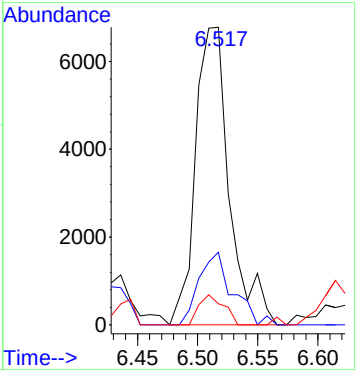


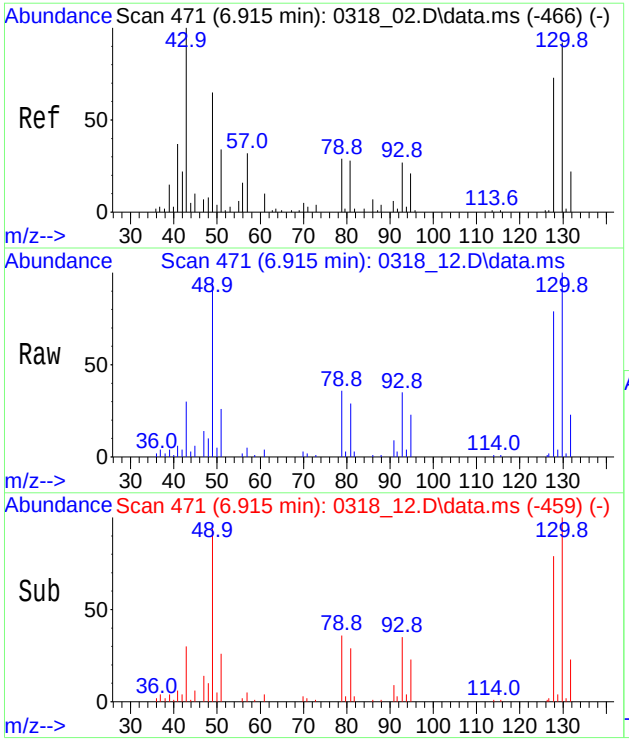


#25
Methyl Ethyl Ketone
Conc: 8$ 0.691 ppbv
RT: 6.517 min Scan# 422
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 43 Resp: 13351

Ion	Ratio	Lower	Upper
43	100		
72	24.1	14.6	22.0#
57	7.4	5.7	8.5

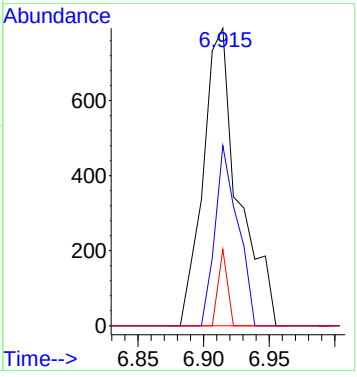


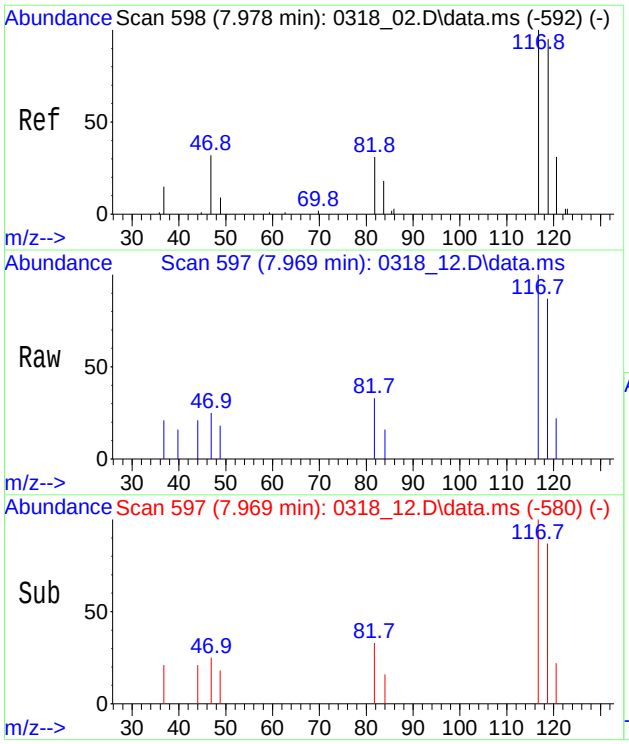


#29
Ethyl acetate
Conc: 8$ 0.483 ppbv
RT: 6.915 min Scan# 471
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 61 Resp: 1483

Ion	Ratio	Lower	Upper
61	100		
70	39.1	53.6	80.4#
88	6.7	16.0	24.0#

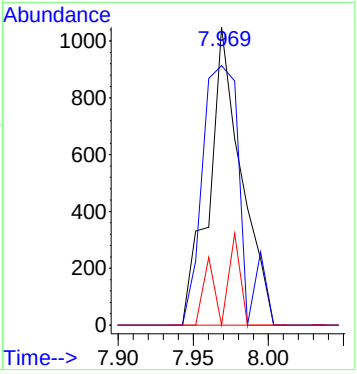


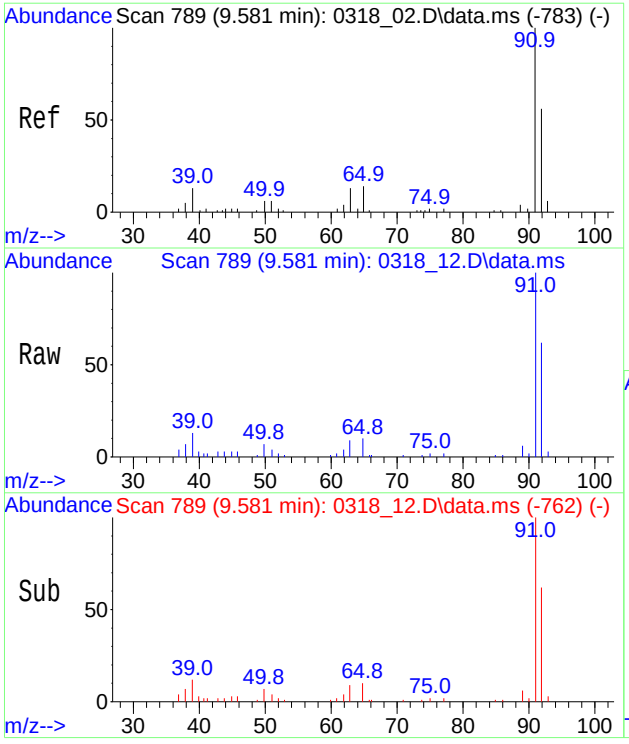


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.969 min Scan# 597
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion:117 Resp: 1570

Ion	Ratio	Lower	Upper
117	100		
119	103.3	73.6	113.6
121	7.9	10.9	50.9#

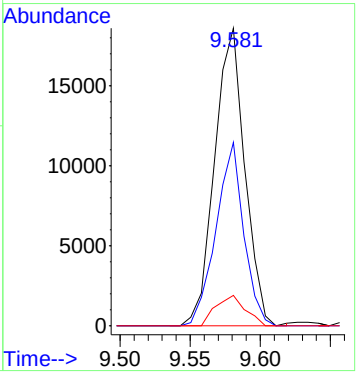


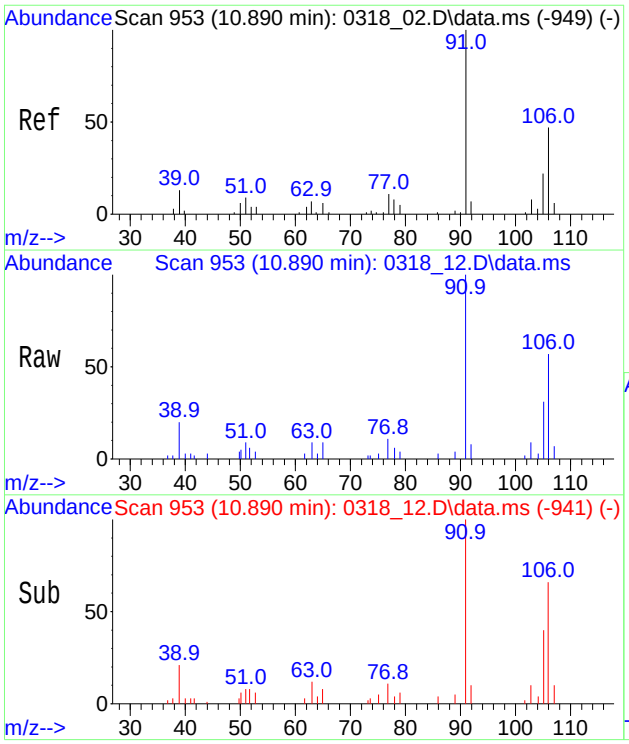


#48
Toluene
Conc: 8$ 0.686 ppbv
RT: 9.581 min Scan# 789
Delta R.T. 0.008 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 27853

Ion	Ratio	Lower	Upper
91	100		
92	56.6	46.5	69.7
65	10.0	10.6	16.0#

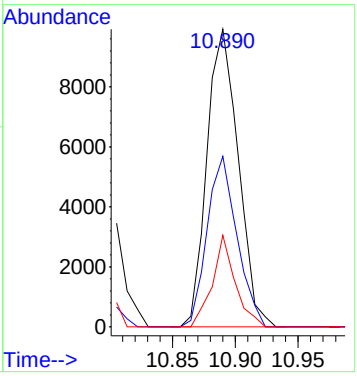


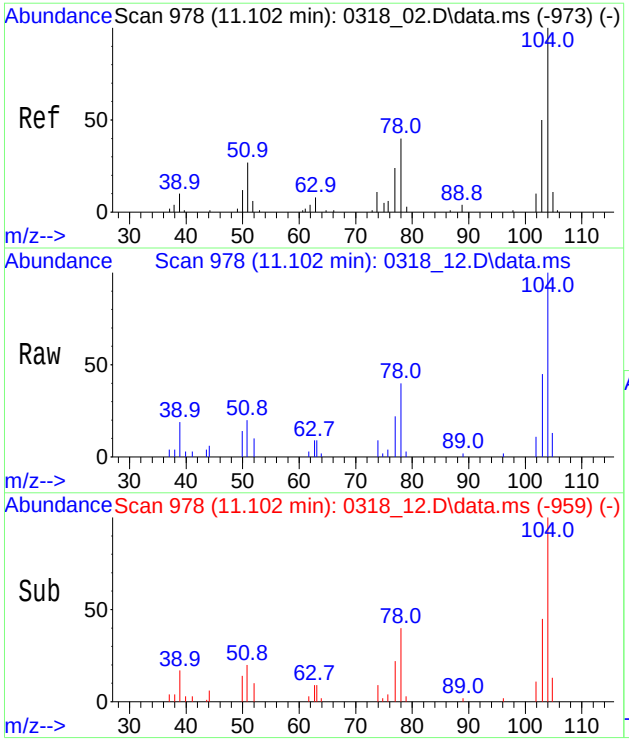


#57
m,p-Xylene
Conc: 8$ 0.501 ppbv
RT: 10.890 min Scan# 953
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 17231

Ion	Ratio	Lower	Upper
91	100		
106	54.6	38.0	57.0
105	22.5	19.0	28.6

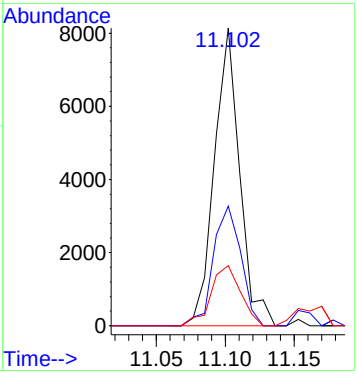


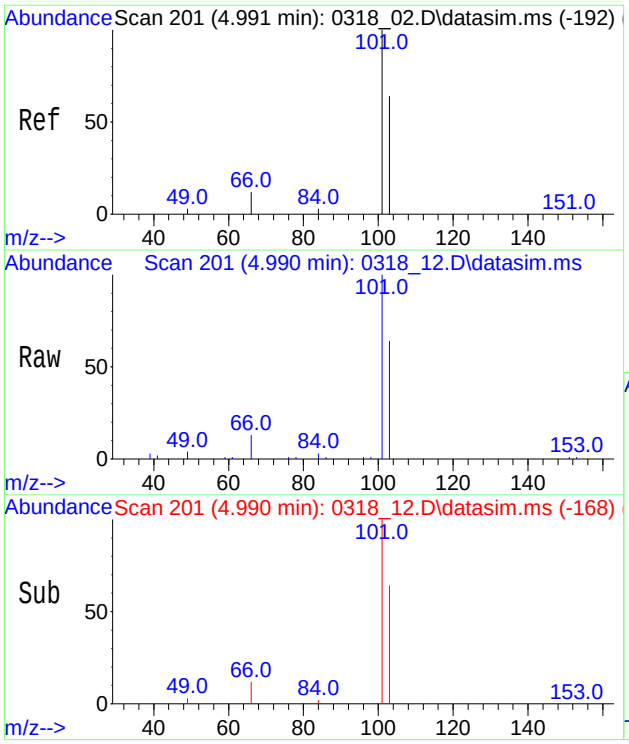


#59
Styrene
Conc: 8$ 0.387 ppbv
RT: 11.102 min Scan# 978
Delta R.T. 0.009 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion:104 Resp: 10402

Ion	Ratio	Lower	Upper
104	100		
78	43.6	33.4	50.2
51	23.7	22.1	33.1

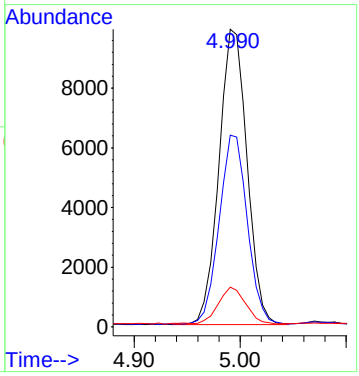


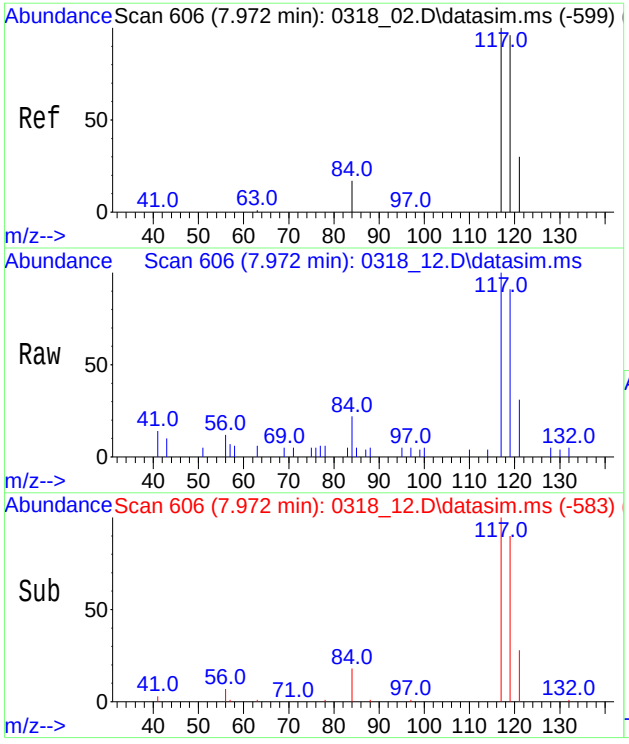


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.225 ppbv
RT: 4.990 min Scan# 201
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion:101 Resp: 18249

Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.9	80.9
66	12.5	12.2	12.2#

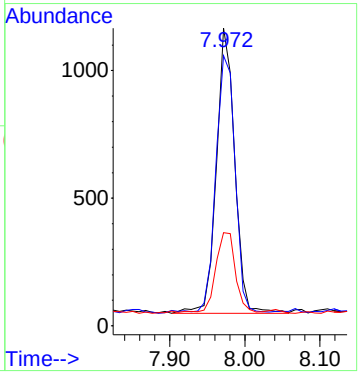


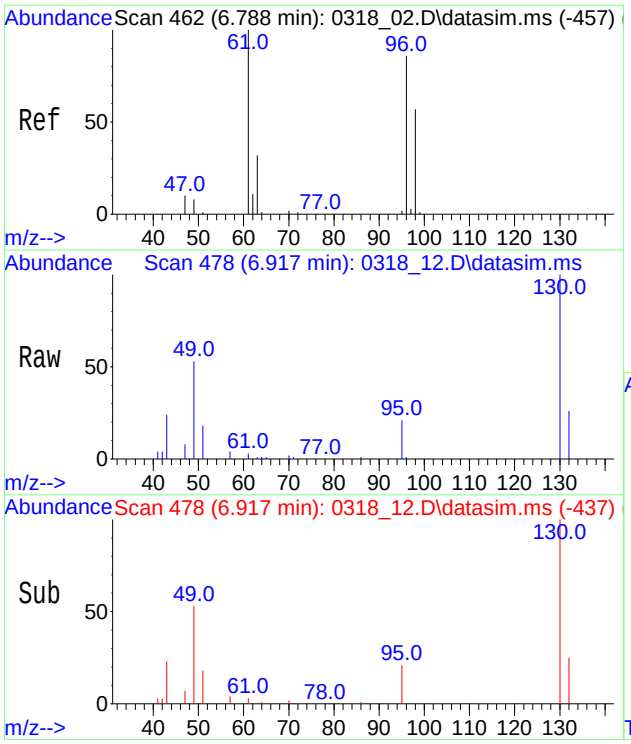


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.081 ppbv
RT: 7.972 min Scan# 606
Delta R.T. 0.000 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion:117 Resp: 1893

Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.0	112.4
121	31.4	25.1	37.7

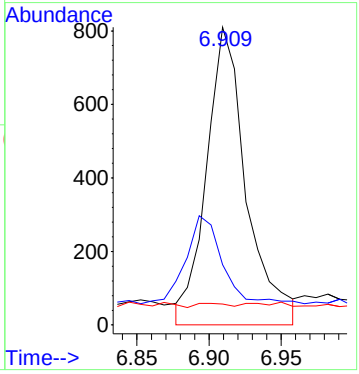


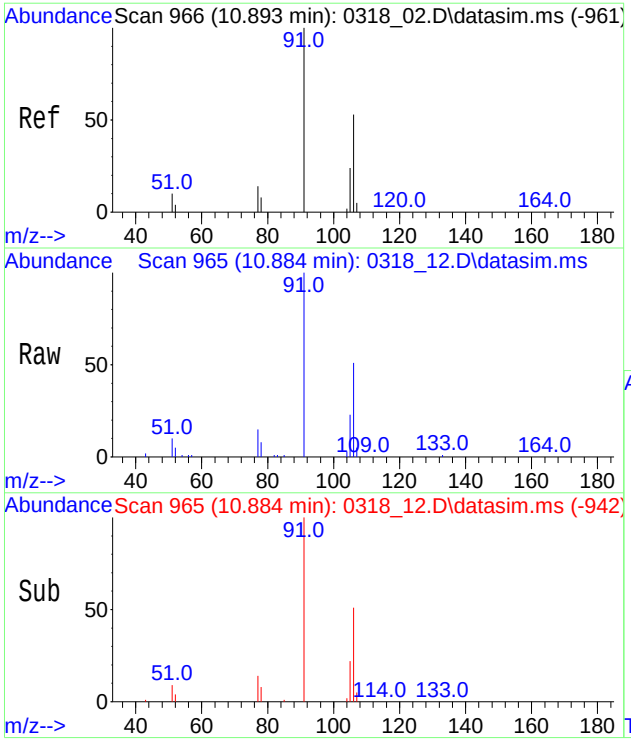


#94
Cis-1,2-Dichloroethene(sim)
Conc: 8$ 0.095 ppbv
RT: 6.915 min Scan# 478
Delta R.T. 0.130 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 61 Resp: 1483

Ion	Ratio	Lower	Upper
61	100		
96	5.7	61.5	92.3#
98	0.0	35.9	53.9#

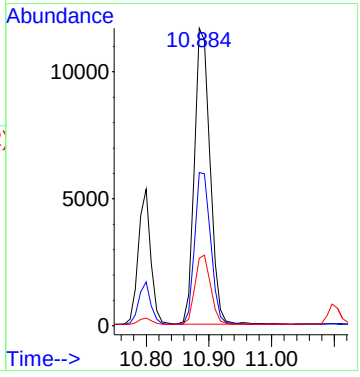




#109
m,p-Xylene(sim)
Conc: 8$ 0.454 ppbv
RT: 10.884 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_12.D
Acq: 18 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 20291

Ion	Ratio	Lower	Upper
91	100		
106	52.3	43.2	52.8
105	23.5	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

IA-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52025

Canister: 49223 Lab File ID: 0318_13.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.481		0.202	0.202	r
74-87-3	Chloromethane	0.534		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	17.5	S	0.531	0.531	r
67-64-1	Acetone	7.32	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.215		0.178	0.178	r
67-63-0	Isopropylalcohol	1.25	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.529		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.366		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.686		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

IA-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52025

Canister: 49223 Lab File ID: 0318_13.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.358		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2026 11:23 pm
Operator :
Client ID : IA-4
Lab ID : CV52025
ALS Vial : 8 Sample Multiplier: 1

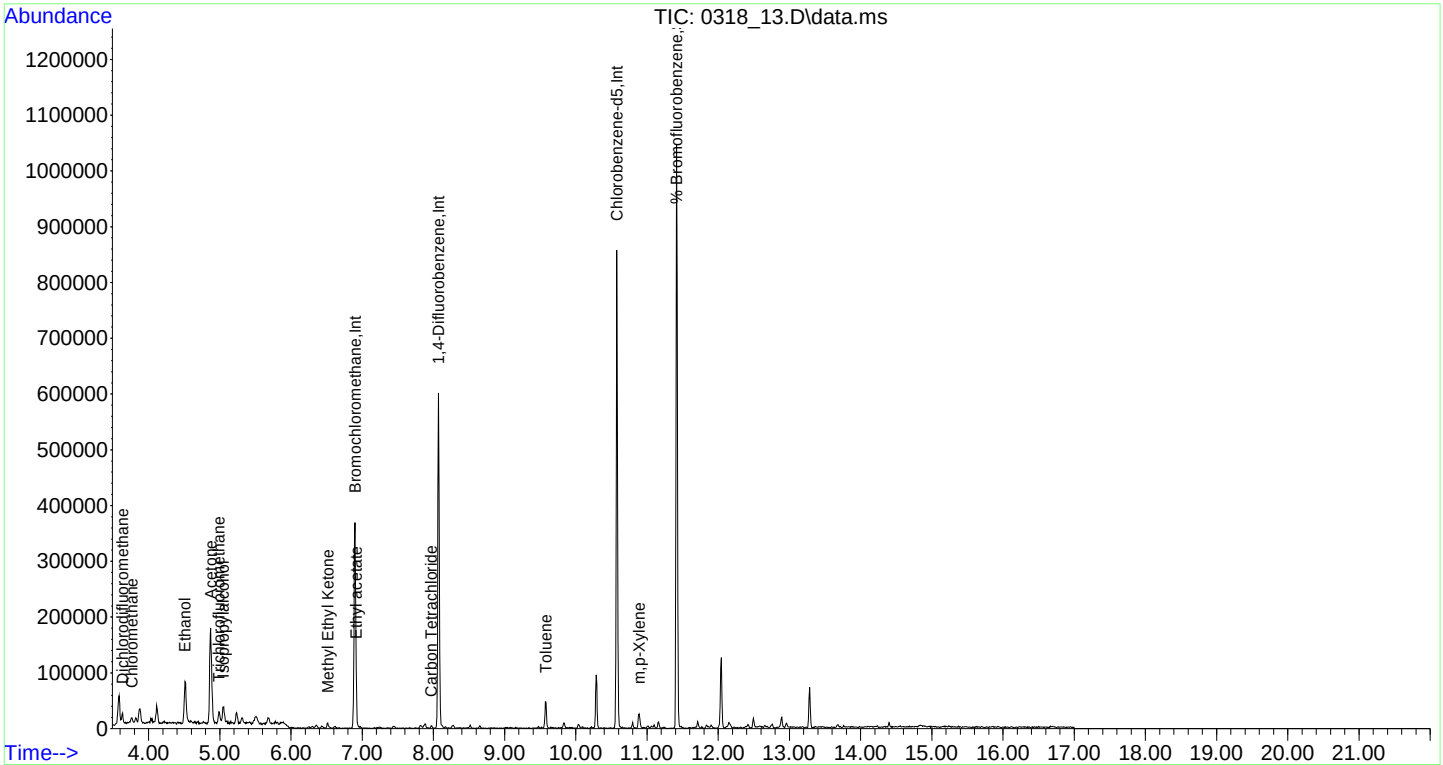
Quant Time: Mar 19 07:40:06 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

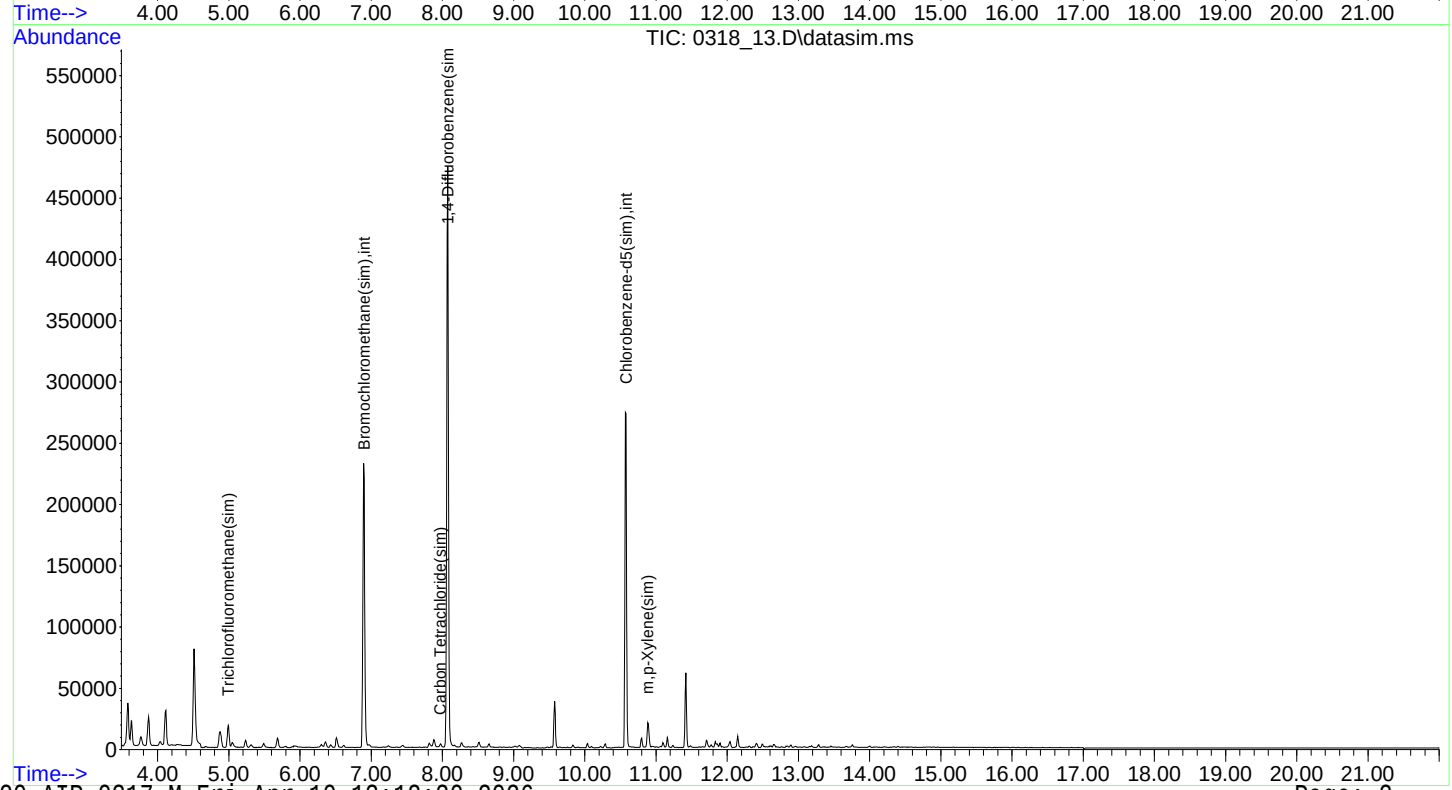
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.899	130	114633	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	409313	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	174993	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	140917	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	409234	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	174171	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	225190	11.646	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	19756	0.481	ppbv		95
4) Chloromethane	3.764	50	7007	0.534	ppbv		91
11) Ethanol	4.510	45	89174	17.455	ppbv#		74
12) Acetone	4.871	43	197645	7.320	ppbv#		89
13) Trichlorofluoromethane	4.988	101	15159	0.215	ppbv		96
14) Isopropylalcohol	5.049	45	36417	1.247	ppbv#		94
25) Methyl Ethyl Ketone	6.517	43	10070	0.529	ppbv#		86
29) Ethyl acetate	6.915	61	1108	0.366	ppbv#		77
34) Carbon Tetrachloride	7.969	117	1777	0.085	ppbv		87
48) Toluene	9.581	91	27689	0.686	ppbv		99
57) m,p-Xylene	10.890	91	14000	0.412	ppbv		97
85] Trichlorofluoromethane...	4.991	101	18158	0.224	ppbv#		98
89] Carbon Tetrachloride(sim)	7.972	117	1814	0.077	ppbv		98
109] m,p-Xylene(sim)	10.885	91	15742	0.358	ppbv#		95

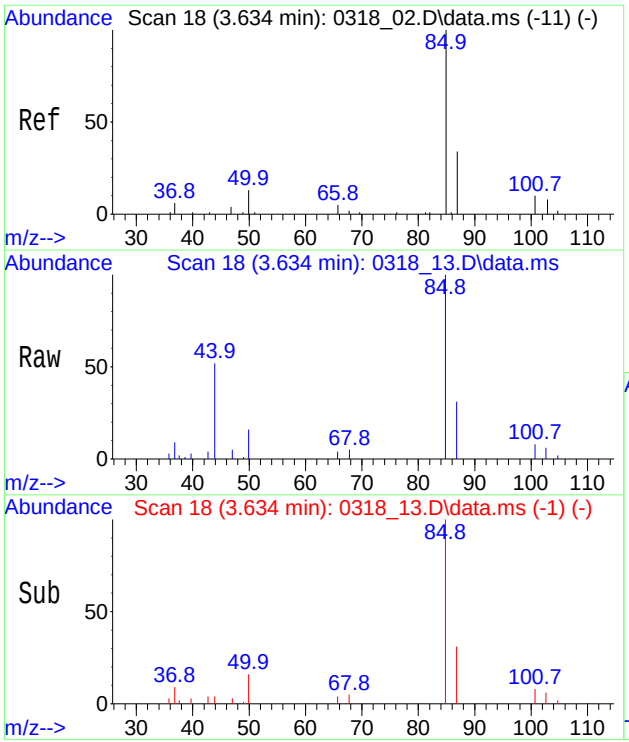
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2026 11:23 pm
Operator :
Client ID : IA-4
Lab ID : CV52025
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 07:40:06 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



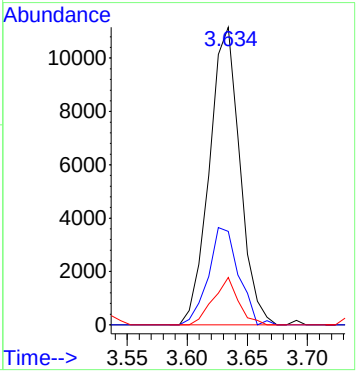


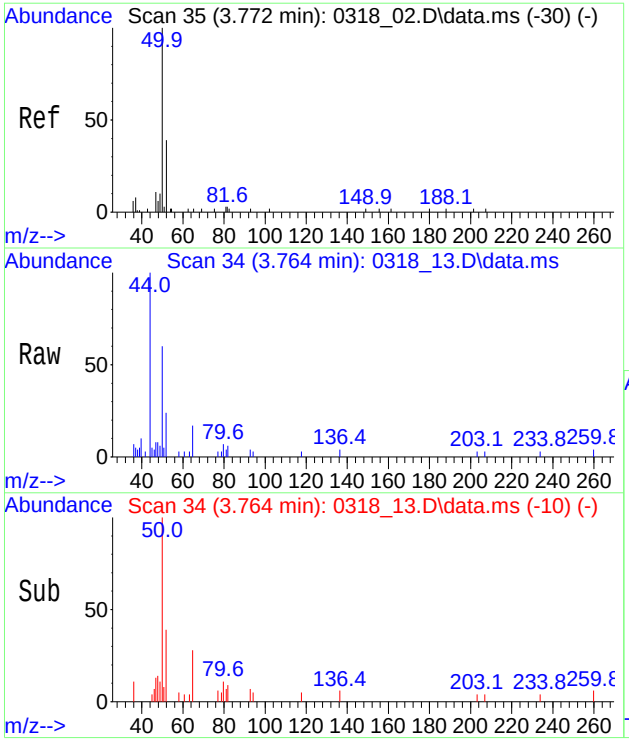


#3
Dichlorodifluoromethane
Conc: 8$ 0.481 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 85 Resp: 19756

Ion	Ratio	Lower	Upper
85	100		
87	32.5	28.2	42.2
50	13.1	11.9	17.9

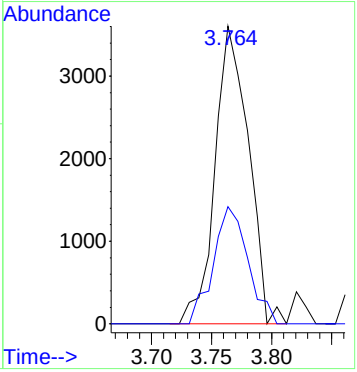


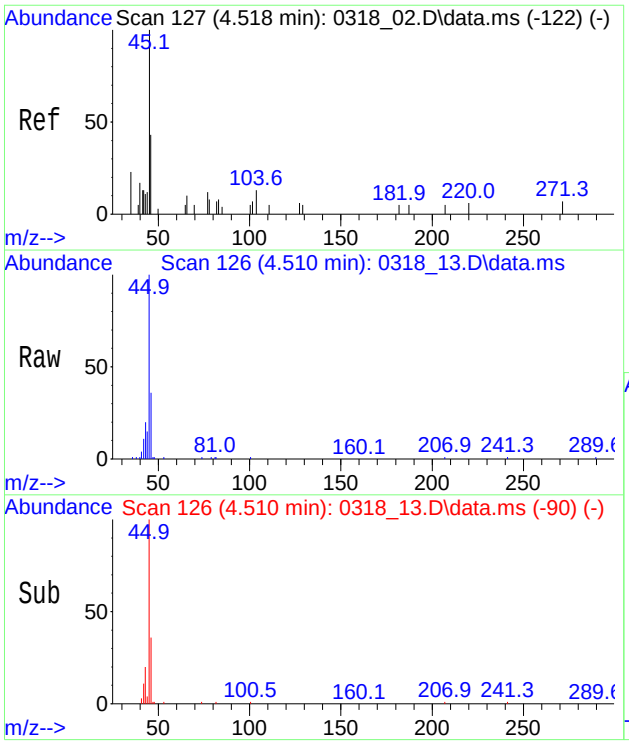


#4
Chloromethane
Conc: 8$ 0.534 ppbv
RT: 3.764 min Scan# 34
Delta R.T. -0.008 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 50 Resp: 7007

Ion	Ratio	Lower	Upper
50	100		
52	40.6	15.4	55.4

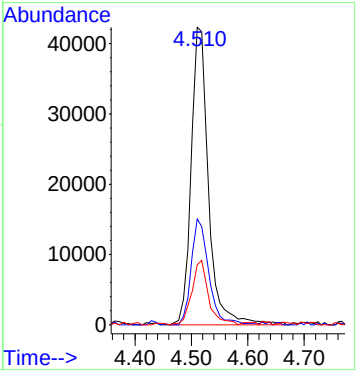


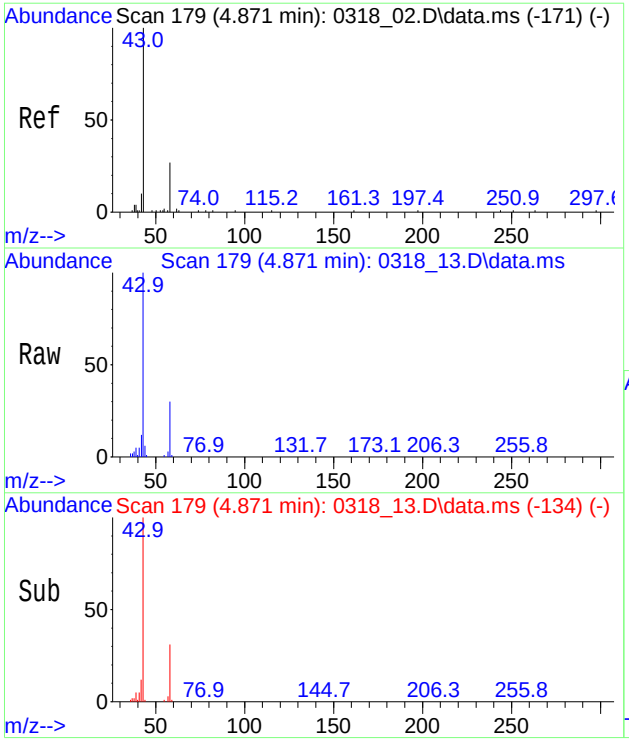


#11
Ethanol
Conc: 8$ 17.455 ppbv
RT: 4.510 min Scan# 126
Delta R.T. -0.008 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 45 Resp: 89174

Ion	Ratio	Lower	Upper
45	100		
46	39.8	26.6	40.0
43	21.2	36.4	54.6#

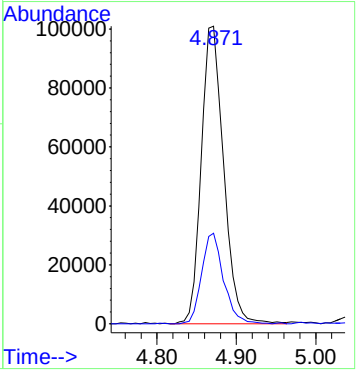


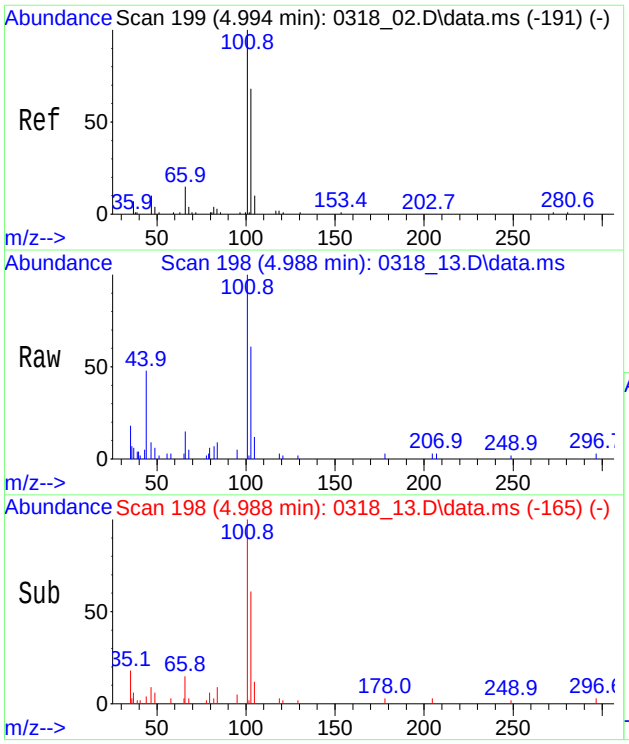


#12
Acetone
Conc: 8$ 7.320 ppbv
RT: 4.871 min Scan# 179
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 43 Resp: 197645

Ion	Ratio	Lower	Upper
43	100		
58	29.7	19.5	29.3#

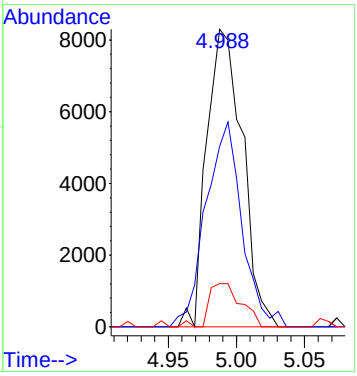


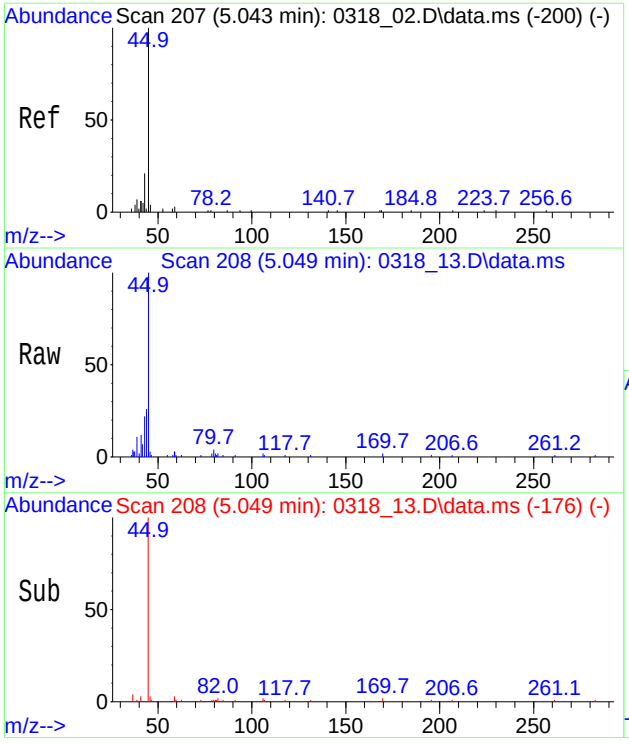


#13
Trichlorofluoromethane
Conc: 8$ 0.215 ppbv
RT: 4.988 min Scan# 198
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion:101 Resp: 15159

Ion	Ratio	Lower	Upper
101	100		
103	69.2	52.6	79.0
66	13.1	10.7	16.1

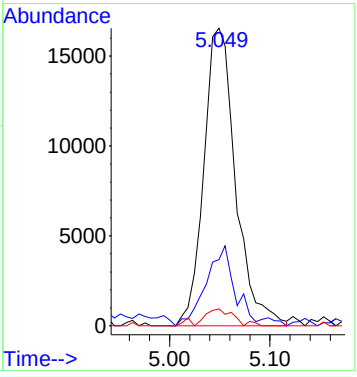


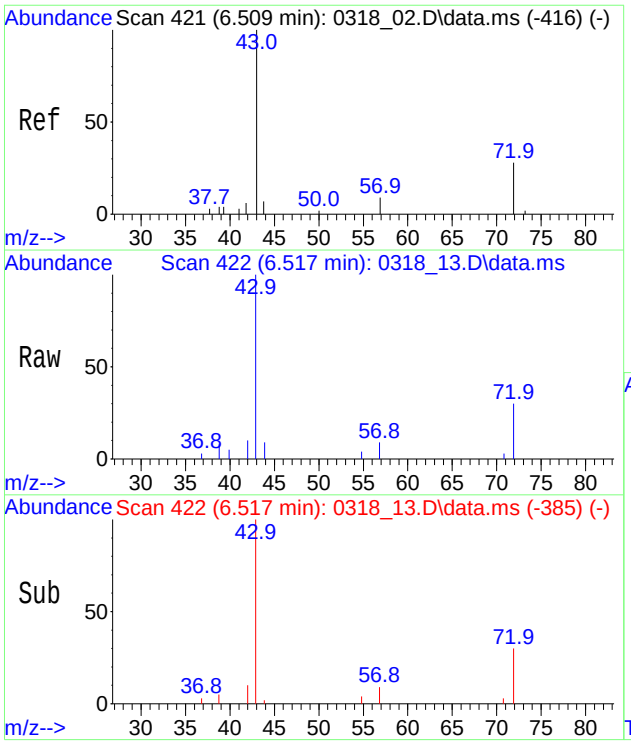


#14
Isopropylalcohol
Conc: 8$ 1.247 ppbv
RT: 5.049 min Scan# 208
Delta R.T. -0.006 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 45 Resp: 36417

Ion	Ratio	Lower	Upper
45	100		
43	24.4	17.4	26.2
59	5.1	2.7	4.1#

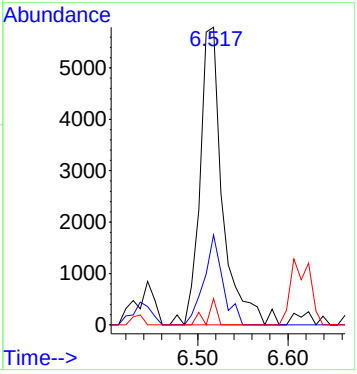


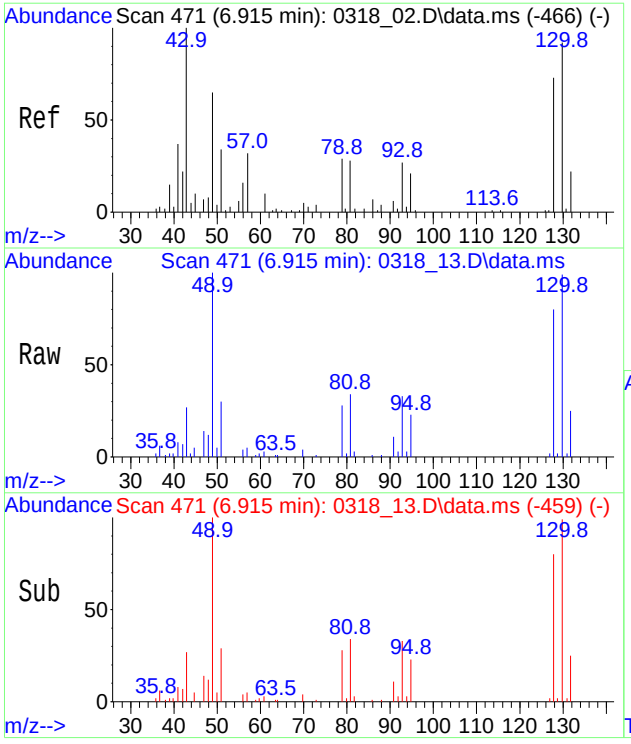


#25
Methyl Ethyl Ketone
Conc: 8$ 0.529 ppbv
RT: 6.517 min Scan# 422
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 43 Resp: 10070

Ion	Ratio	Lower	Upper
43	100		
72	25.2	14.6	22.0#
57	3.7	5.7	8.5#

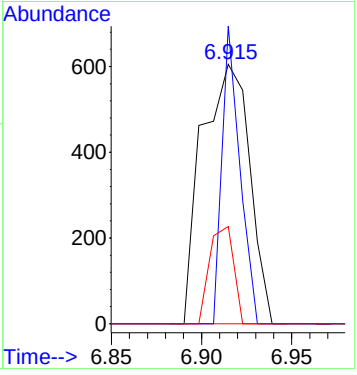


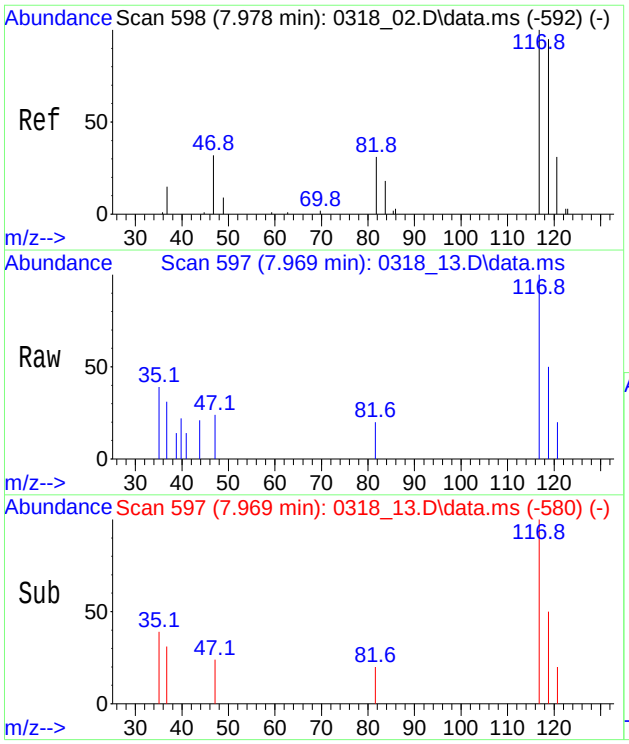


#29
Ethyl acetate
Conc: 8$ 0.366 ppbv
RT: 6.915 min Scan# 471
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 61 Resp: 1108

Ion	Ratio	Lower	Upper
61	100		
70	43.1	53.6	80.4#
88	19.0	16.0	24.0

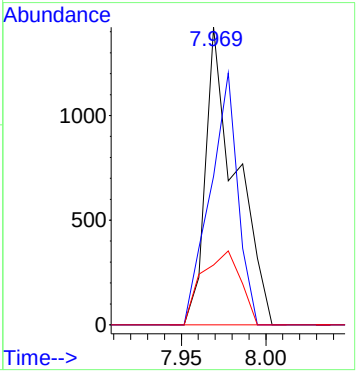


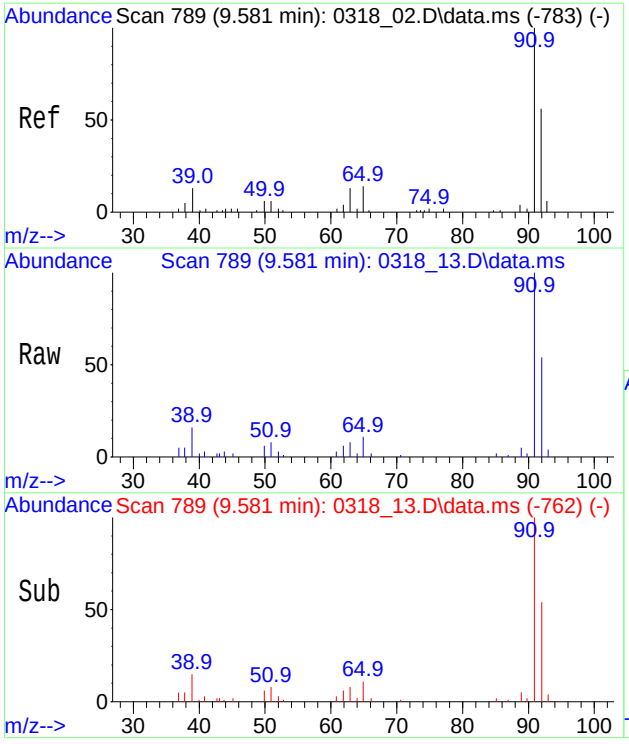


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.969 min Scan# 597
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion:117 Resp: 1777

Ion	Ratio	Lower	Upper
117	100		
119	77.2	73.6	113.6
121	31.4	10.9	50.9

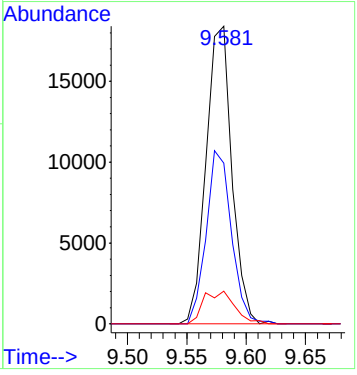


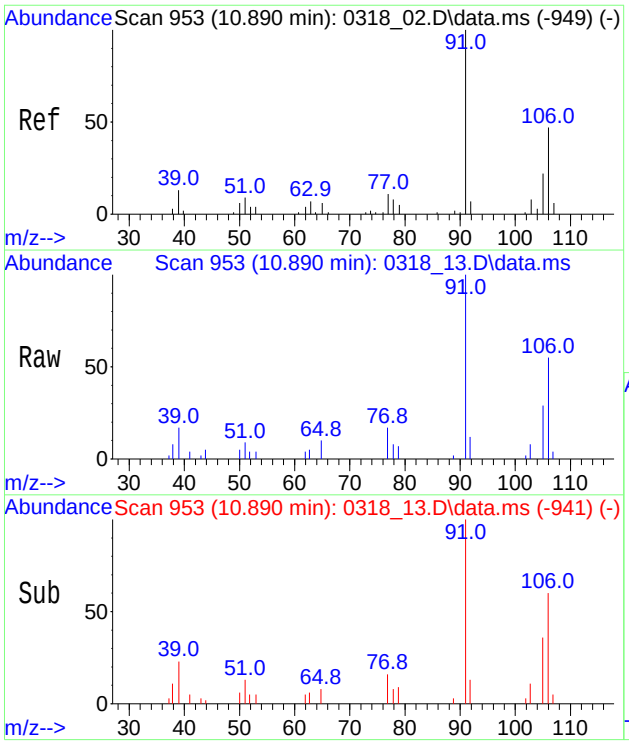


#48
Toluene
Conc: 8$ 0.686 ppbv
RT: 9.581 min Scan# 789
Delta R.T. 0.008 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 91 Resp: 27689

Ion	Ratio	Lower	Upper
91	100		
92	56.9	46.5	69.7
65	13.4	10.6	16.0

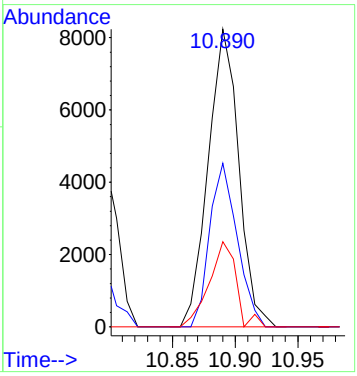


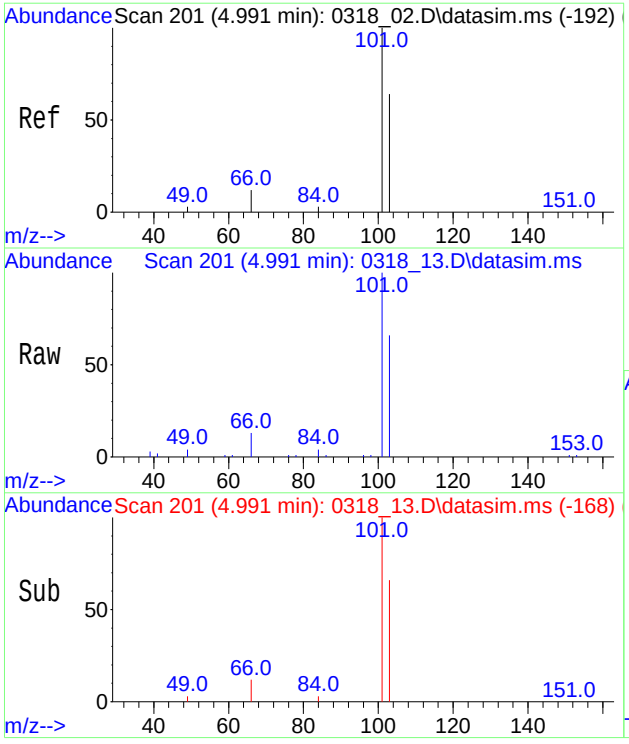


#57
m,p-Xylene
Conc: 8$ 0.412 ppbv
RT: 10.890 min Scan# 953
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 91 Resp: 14000

Ion	Ratio	Lower	Upper
91	100		
106	49.4	38.0	57.0
105	25.3	19.0	28.6

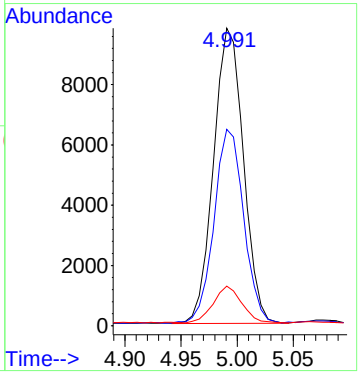


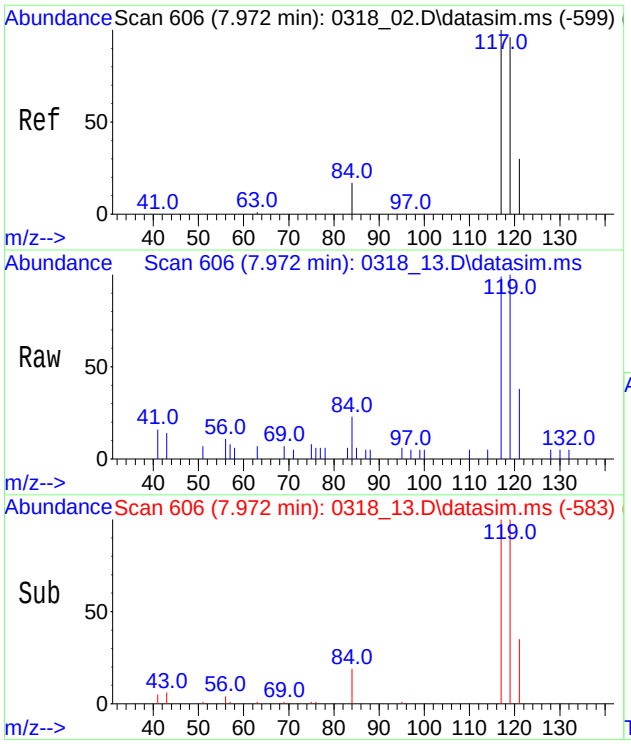


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.224 ppbv
RT: 4.991 min Scan# 201
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion:101 Resp: 18158

Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.9	80.9
66	12.2	12.2	12.2#

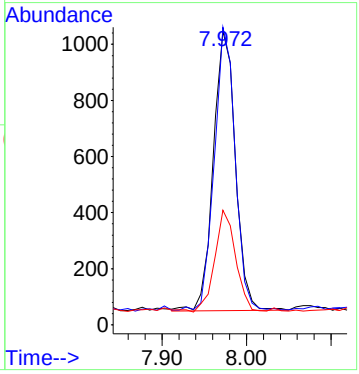


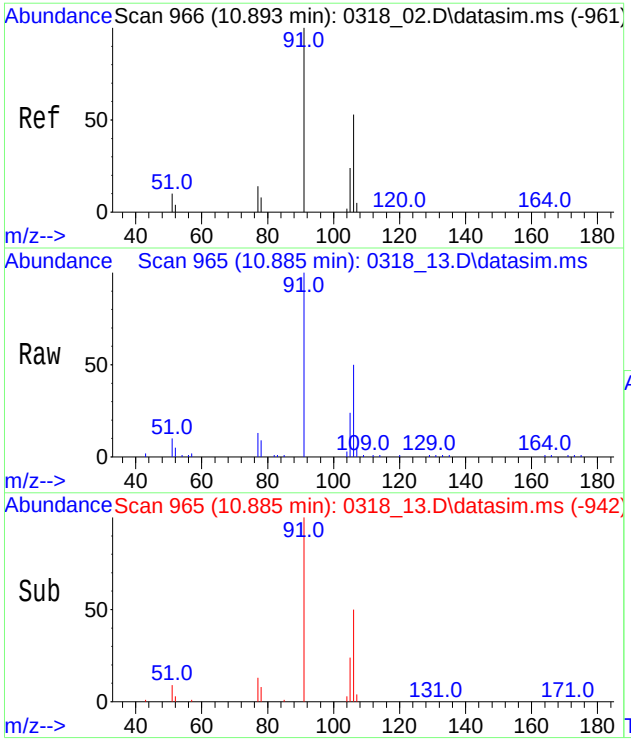


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.077 ppbv
RT: 7.972 min Scan# 606
Delta R.T. 0.000 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion:117 Resp: 1814

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.4
121	34.0	25.1	37.7

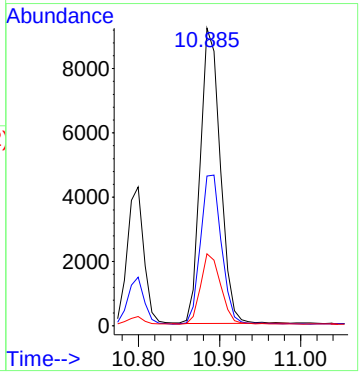




#109
m,p-Xylene(sim)
Conc: 8$ 0.358 ppbv
RT: 10.885 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_13.D
Acq: 18 Mar 2026 11:23 pm

Tgt Ion: 91 Resp: 15742

Ion	Ratio	Lower	Upper
91	100		
106	53.0	43.2	52.8#
105	24.1	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

IA-3

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52026

Canister: 16001 Lab File ID: 0318_14.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.470		0.202	0.202	r
74-87-3	Chloromethane	0.560		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	7.69	S	0.531	0.531	r
67-64-1	Acetone	2.67	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.228		0.178	0.178	r
67-63-0	Isopropylalcohol	0.479	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	3.16		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	1.61		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	2.28		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.241		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

IA-3

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52026

Canister: 16001 Lab File ID: 0318_14.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.076		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.233		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2026 11:58 pm
Operator :
Client ID : IA-3
Lab ID : CV52026
ALS Vial : 9 Sample Multiplier: 1

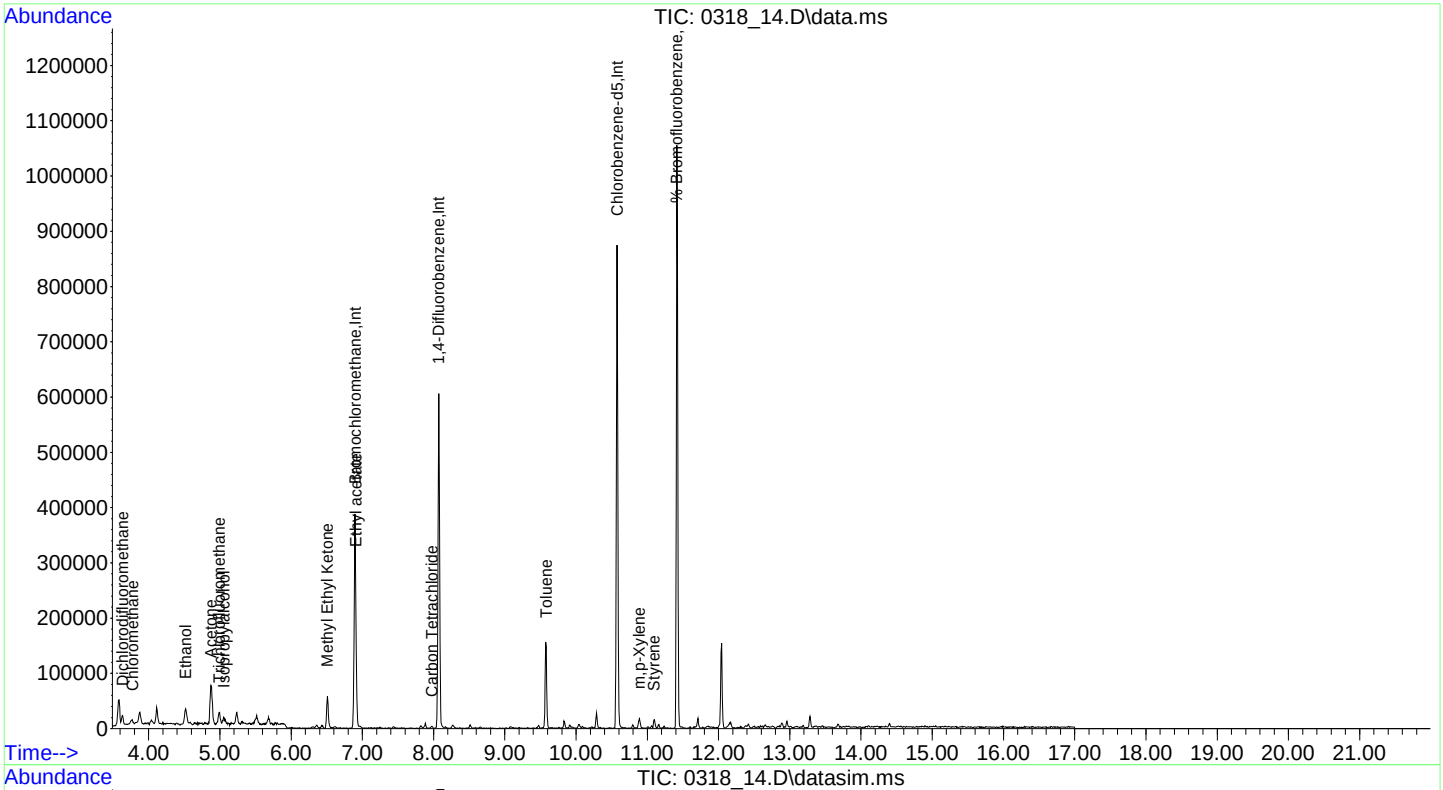
Quant Time: Mar 19 07:40:22 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

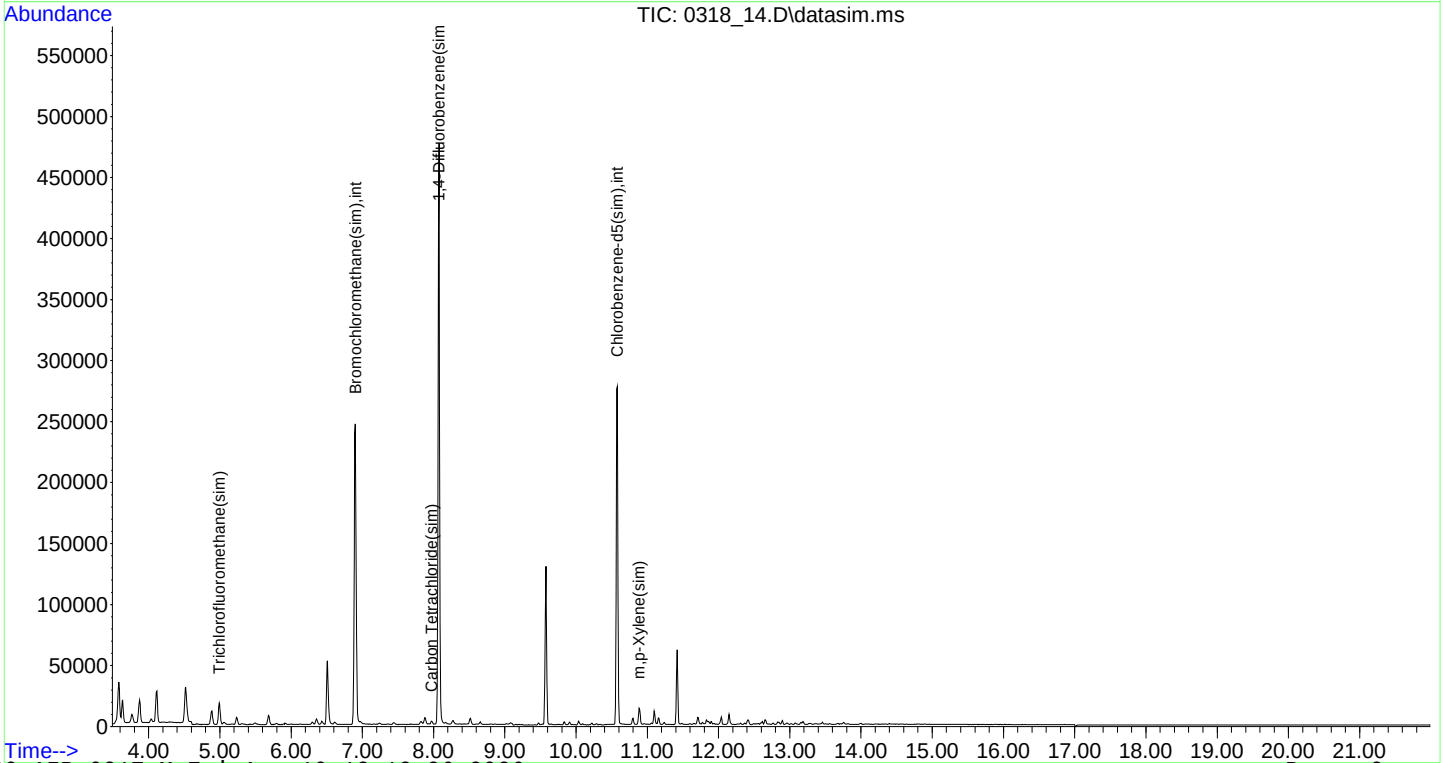
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	113947	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	408386	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	173929	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	141584	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	408536	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	174085	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	226300	11.775	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	19158	0.470	ppbv		91
4) Chloromethane	3.772	50	7313	0.560	ppbv		91
11) Ethanol	4.518	45	39044	7.688	ppbv#		76
12) Acetone	4.871	43	71661	2.670	ppbv#		88
13) Trichlorofluoromethane	4.987	101	15937	0.228	ppbv		94
14) Isopropylalcohol	5.055	45	13910	0.479	ppbv#		87
25) Methyl Ethyl Ketone	6.509	43	59794	3.158	ppbv#		90
29) Ethyl acetate	6.906	61	4846	1.611	ppbv#		67
34) Carbon Tetrachloride	7.977	117	1170	0.056	ppbv		82
48) Toluene	9.581	91	91696	2.275	ppbv#		97
57) m,p-Xylene	10.890	91	9766	0.289	ppbv		96
59) Styrene	11.093	104	6368	0.241	ppbv#		94
85] Trichlorofluoromethane...	4.990	101	17636	0.217	ppbv#		97
89] Carbon Tetrachloride(sim)	7.972	117	1795	0.076	ppbv		98
99] Trichloroethene(sim)	8.517	130	723	0.033	ppbv#		83
109] m,p-Xylene(sim)	10.884	91	10236	0.233	ppbv#		95

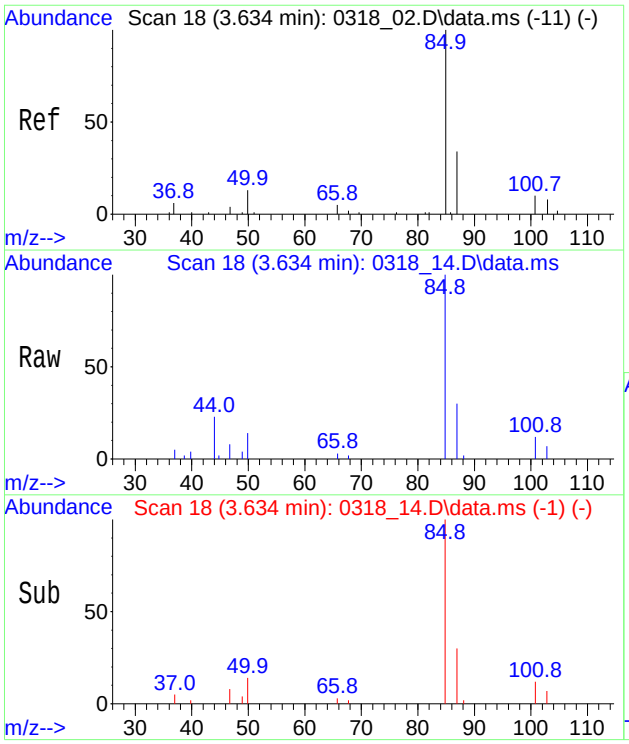
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2026 11:58 pm
Operator :
Client ID : IA-3
Lab ID : CV52026
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 19 07:40:22 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



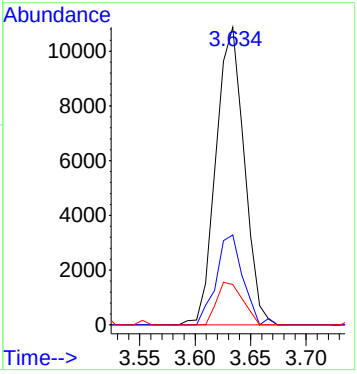


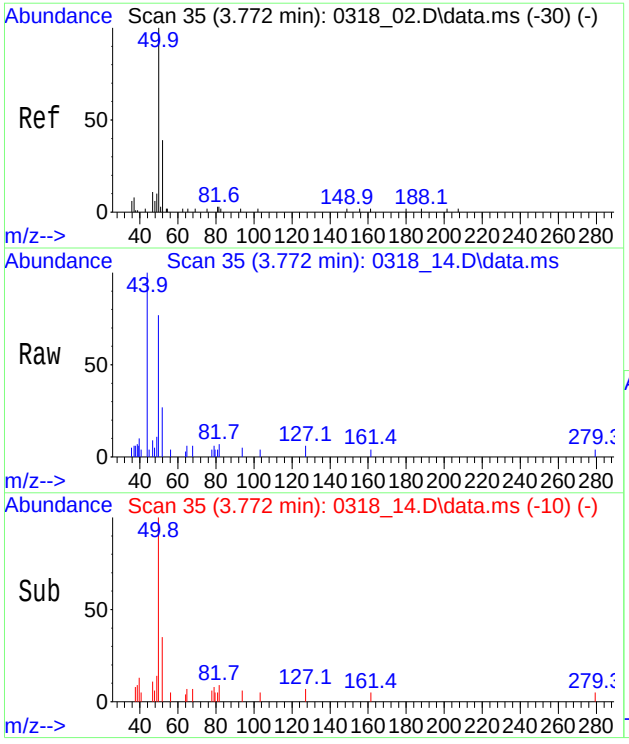


#3
Dichlorodifluoromethane
Conc: 8$ 0.470 ppbv
RT: 3.634 min Scan# 18
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 85 Resp: 19158

Ion	Ratio	Lower	Upper
85	100		
87	28.7	28.2	42.2
50	13.2	11.9	17.9

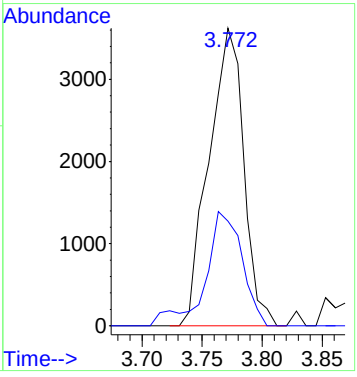


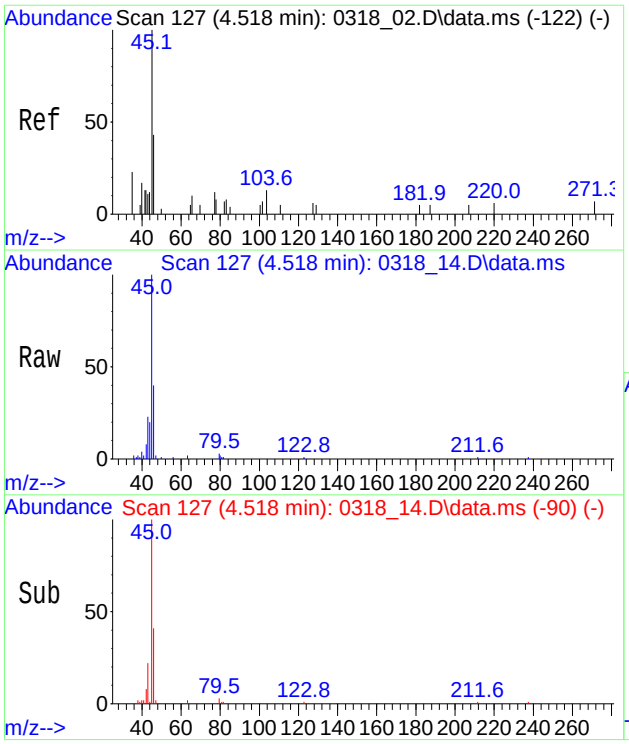


#4
Chloromethane
Conc: 8$ 0.560 ppbv
RT: 3.772 min Scan# 35
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 50 Resp: 7313

Ion	Ratio	Lower	Upper
50	100		
52	40.4	15.4	55.4

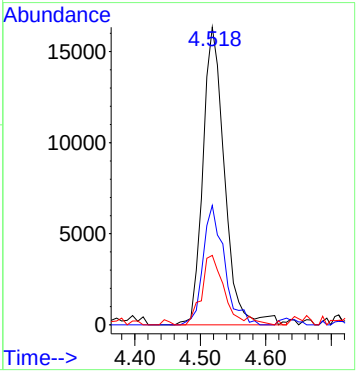


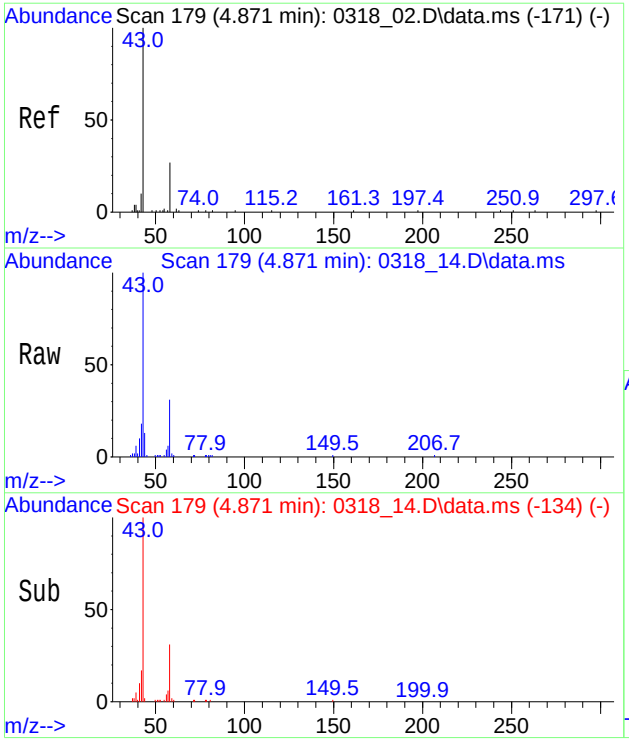


#11
Ethanol
Conc: 8$ 7.688 ppbv
RT: 4.518 min Scan# 127
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 45 Resp: 39044

Ion	Ratio	Lower	Upper
45	100		
46	38.0	26.6	40.0
43	22.5	36.4	54.6#

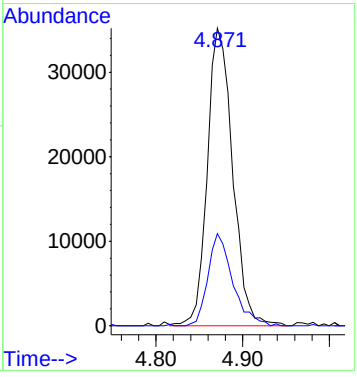


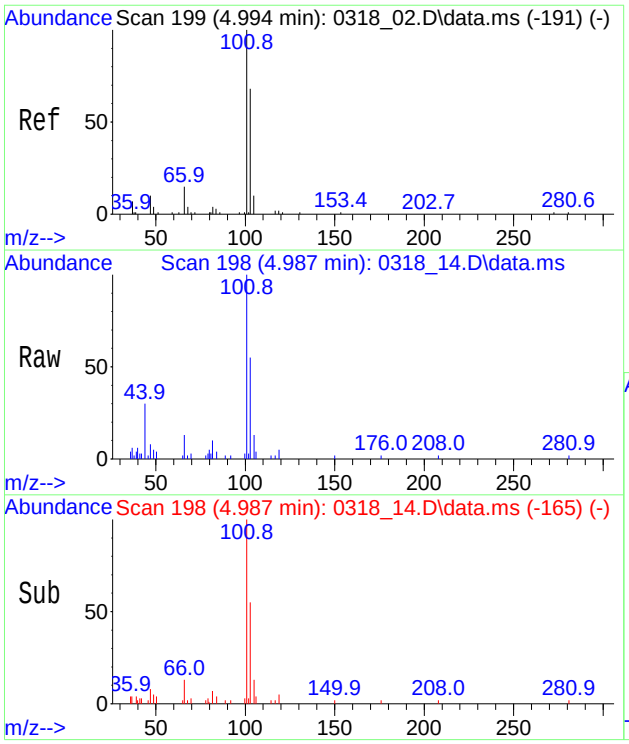


#12
Acetone
Conc: 8$ 2.670 ppbv
RT: 4.871 min Scan# 179
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 43 Resp: 71661

Ion	Ratio	Lower	Upper
43	100		
58	30.2	19.5	29.3#

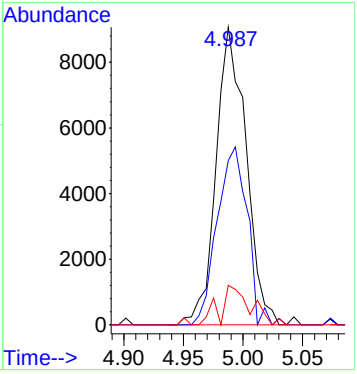


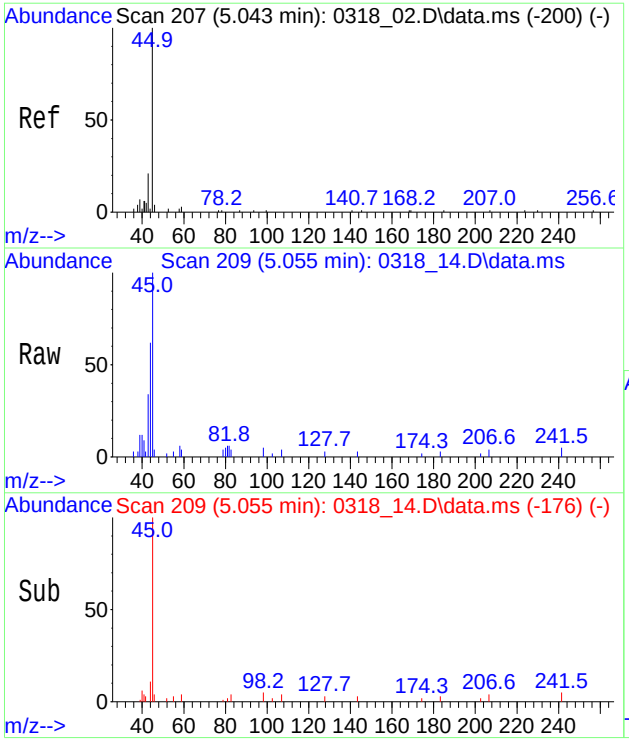


#13
Trichlorofluoromethane
Conc: 8$ 0.228 ppbv
RT: 4.987 min Scan# 198
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:101 Resp: 15937

Ion	Ratio	Lower	Upper
101	100		
103	59.9	52.6	79.0
66	13.4	10.7	16.1

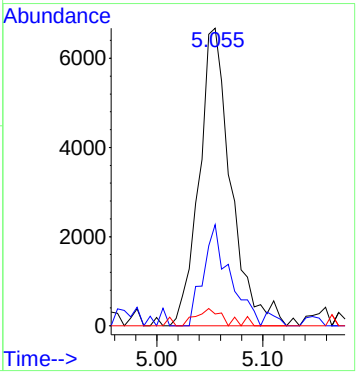


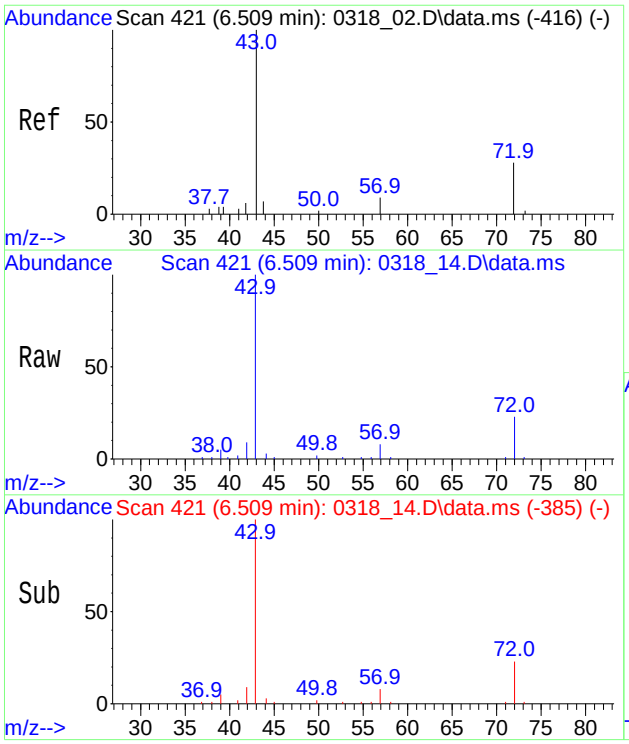


#14
Isopropylalcohol
Conc: 8$ 0.479 ppbv
RT: 5.055 min Scan# 209
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 45 Resp: 13910

Ion	Ratio	Lower	Upper
45	100		
43	28.5	17.4	26.2#
59	4.3	2.7	4.1#

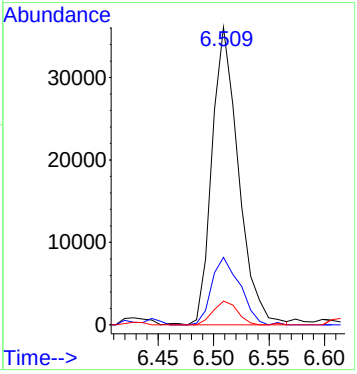


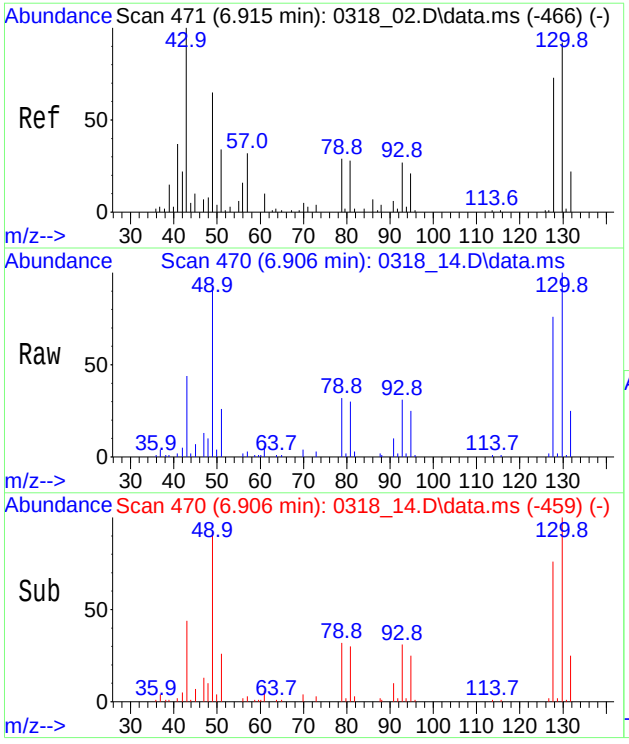


#25
Methyl Ethyl Ketone
Conc: 8$ 3.158 ppbv
RT: 6.509 min Scan# 421
Delta R.T. -0.008 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 43 Resp: 59794

Ion	Ratio	Lower	Upper
43	100		
72	24.2	14.6	22.0#
57	7.3	5.7	8.5

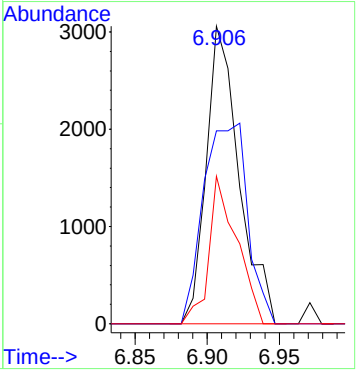


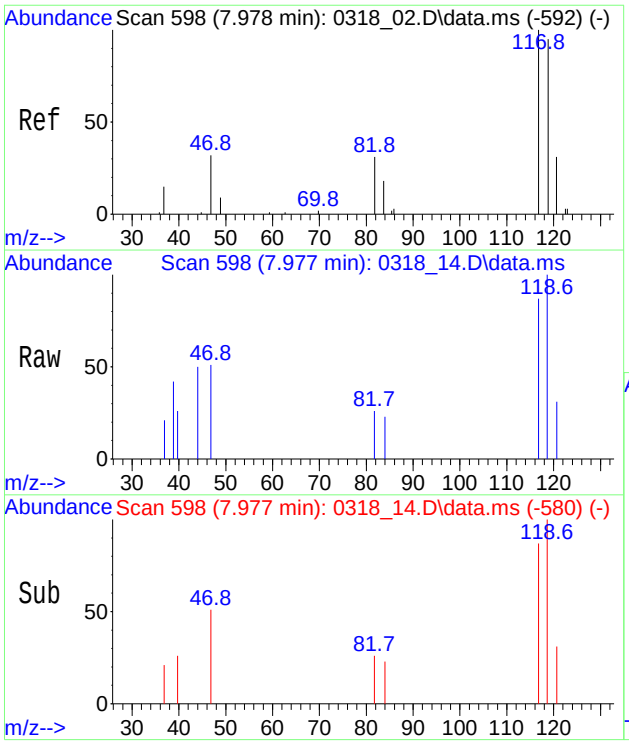


#29
Ethyl acetate
Conc: 8$ 1.611 ppbv
RT: 6.906 min Scan# 470
Delta R.T. -0.008 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 61 Resp: 4846

Ion	Ratio	Lower	Upper
61	100		
70	90.3	53.6	80.4#
88	42.0	16.0	24.0#

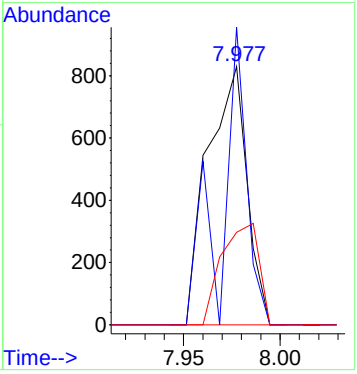


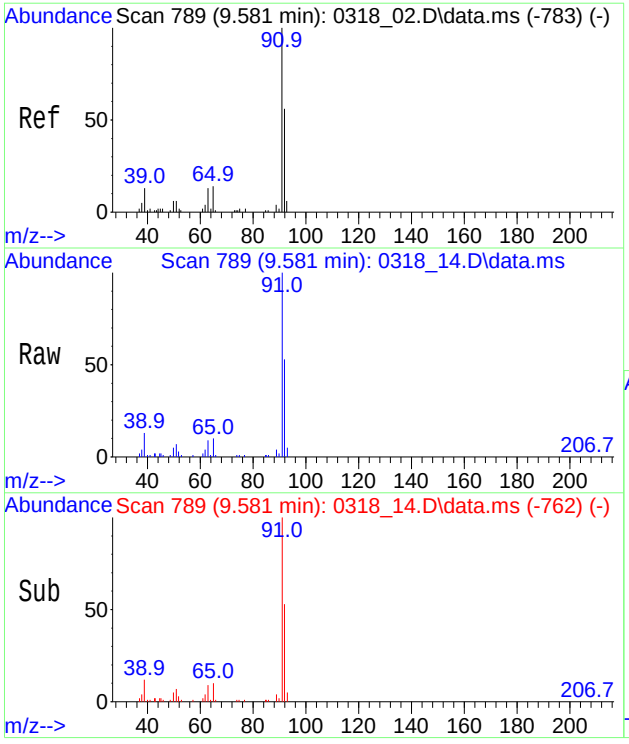


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.977 min Scan# 598
Delta R.T. 0.009 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:117 Resp: 1170

Ion	Ratio	Lower	Upper
117	100		
119	74.4	73.6	113.6
121	37.4	10.9	50.9

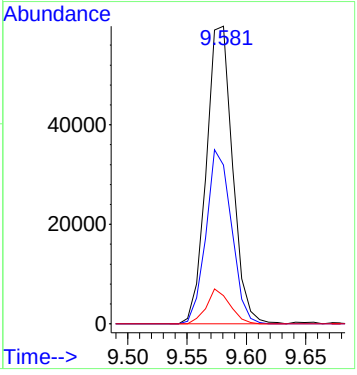


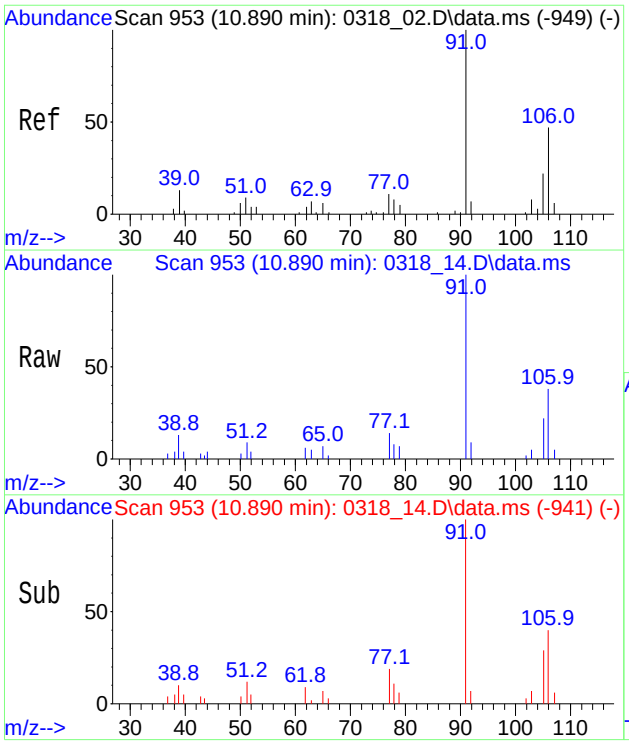


#48
Toluene
Conc: 8$ 2.275 ppbv
RT: 9.581 min Scan# 789
Delta R.T. 0.008 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 91 Resp: 91696

Ion	Ratio	Lower	Upper
91	100		
92	56.7	46.5	69.7
65	10.5	10.6	16.0#

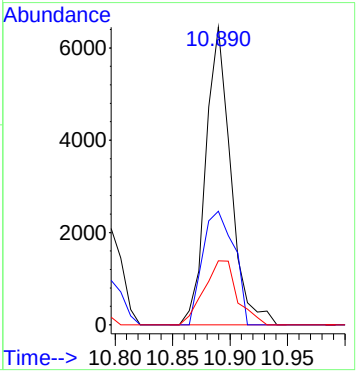


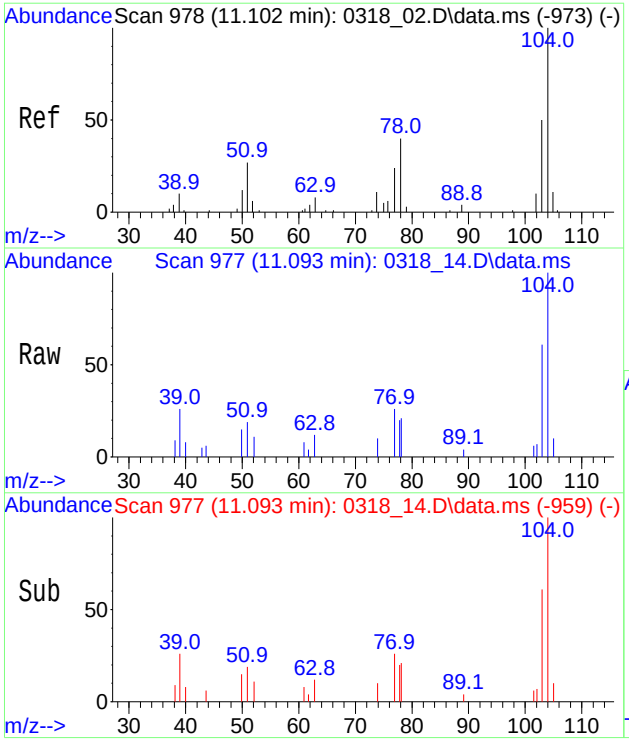


#57
m,p-Xylene
Conc: 8$ 0.289 ppbv
RT: 10.890 min Scan# 953
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 91 Resp: 9766

Ion	Ratio	Lower	Upper
91	100		
106	48.3	38.0	57.0
105	28.5	19.0	28.6

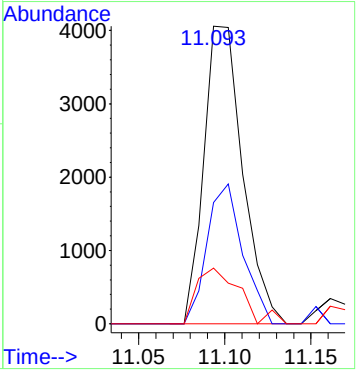


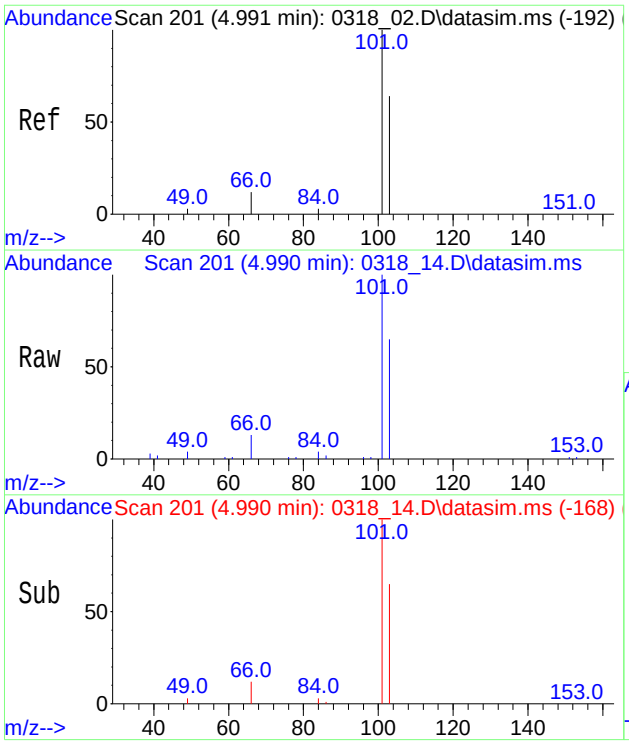


#59
Styrene
Conc: 8$ 0.241 ppbv
RT: 11.093 min Scan# 977
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:104 Resp: 6368

Ion	Ratio	Lower	Upper
104	100		
78	43.2	33.4	50.2
51	20.9	22.1	33.1#

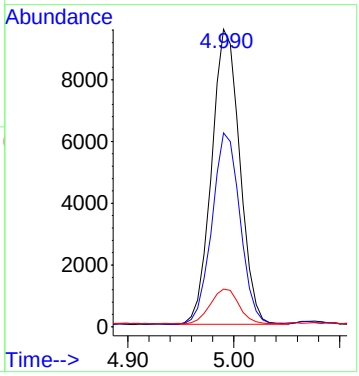


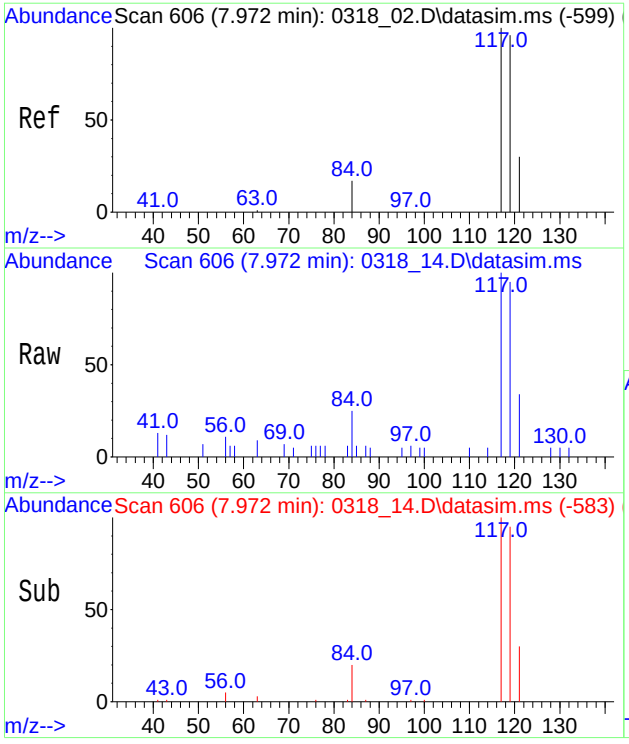


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.217 ppbv
RT: 4.990 min Scan# 201
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:101 Resp: 17636

Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.9	80.9
66	12.1	12.2	12.2#

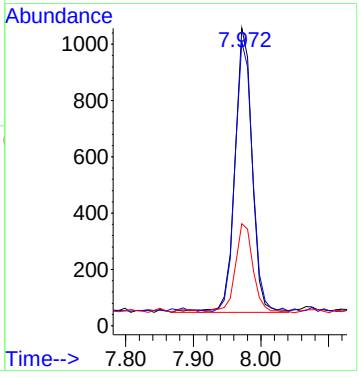


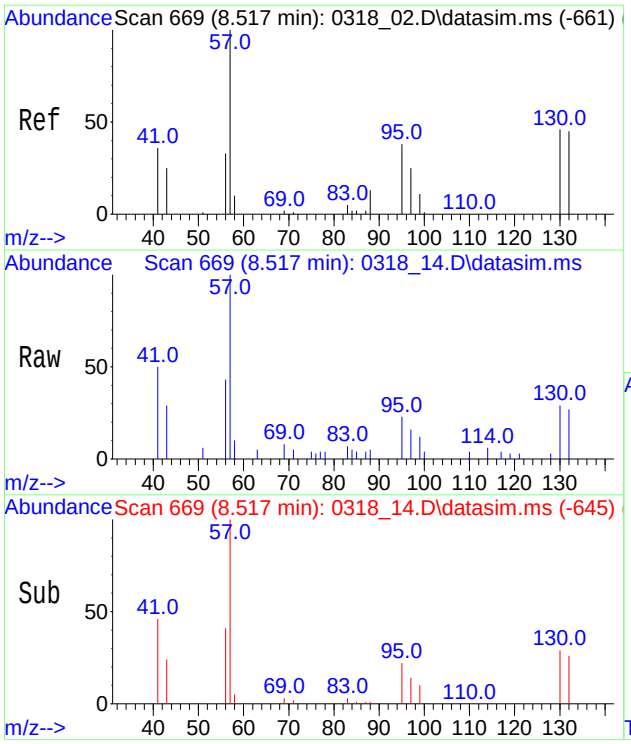


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.076 ppbv
RT: 7.972 min Scan# 606
Delta R.T. -0.000 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:117 Resp: 1795

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.4
121	32.9	25.1	37.7

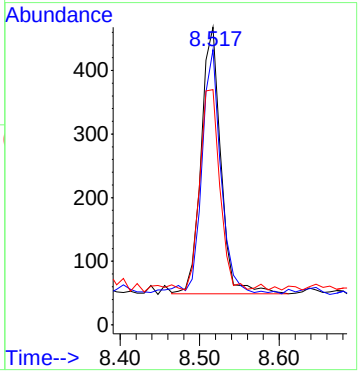


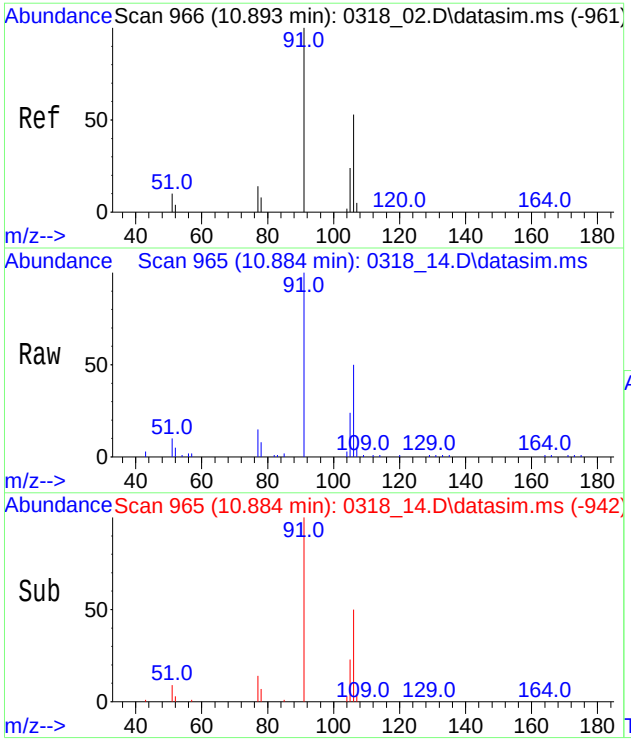


#99
Trichloroethene(sim)
Conc: 8$ 0.033 ppbv
RT: 8.517 min Scan# 669
Delta R.T. 0.009 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion:130 Resp: 723

Ion	Ratio	Lower	Upper
130	100		
132	88.0	80.7	121.1
95	74.6	76.2	114.2#

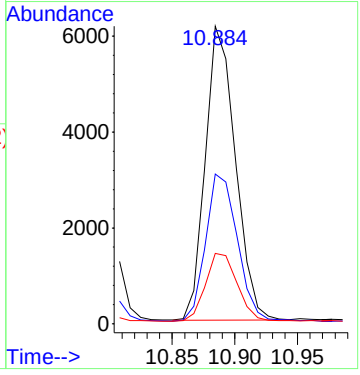




#109
m,p-Xylene(sim)
Conc: 8$ 0.233 ppbv
RT: 10.884 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_14.D
Acq: 18 Mar 2026 11:58 pm

Tgt Ion: 91 Resp: 10236

Ion	Ratio	Lower	Upper
91	100		
106	52.9	43.2	52.8#
105	24.6	19.0	28.6



1

CLIENT ID

AIR ANALYSIS DATA SHEET

OA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52027

Canister: 16004 Lab File ID: 0318_15.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/19/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.468		0.202	0.202	r
74-87-3	Chloromethane	0.609		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	4.84	S	0.531	0.531	r
67-64-1	Acetone	2.21	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.211		0.178	0.178	r
67-63-0	Isopropylalcohol	0.656	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

Client:	ENVIROTR	Lab:	Phoenix Env. Labs	OA-1	
SDG No.:	GCV52023			Lab Sample ID:	CV52027
Canister:	16004			Lab File ID:	0318_15.D
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:	03/18/26
Purge Volume	200 (cc)			Date Analyzed:	03/19/26
Matrix:	AIR			Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 19 Mar 2026 12:33 am
Operator :
Client ID : OA-1
Lab ID : CV52027
ALS Vial : 10 Sample Multiplier: 1

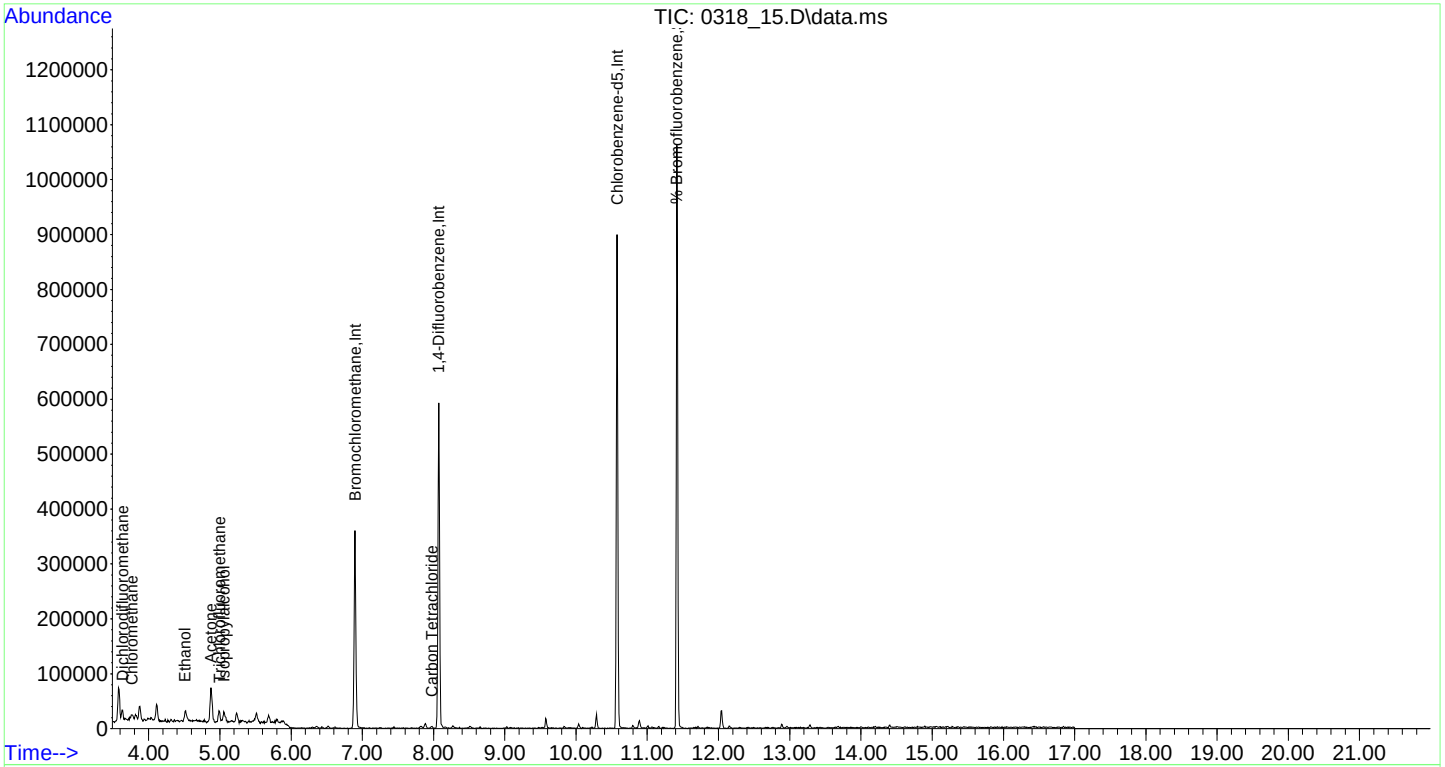
Quant Time: Mar 19 07:40:35 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

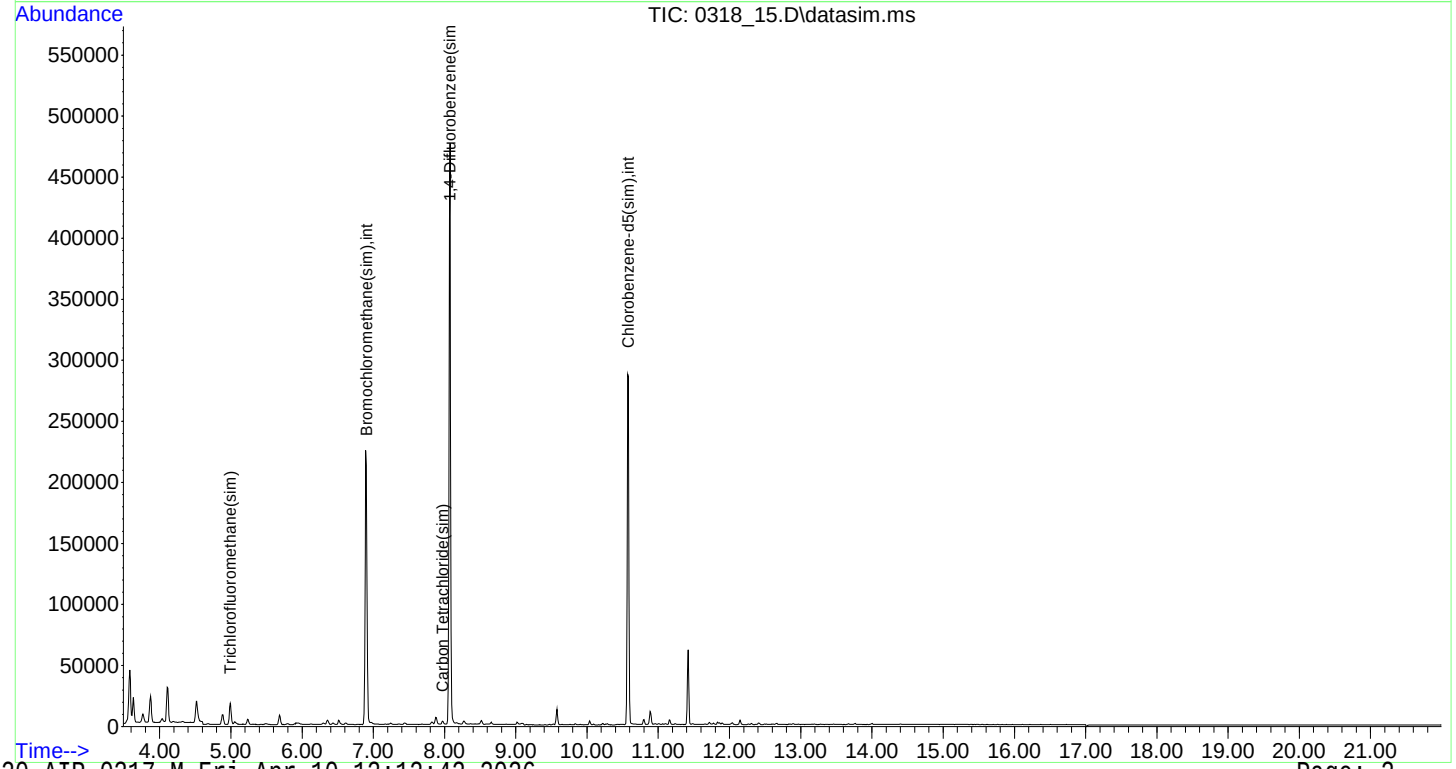
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	115359	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	409182	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	177108	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	138095	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	410678	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	177325	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	226294	11.563	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	19329	0.468	ppbv	#	92
4) Chloromethane	3.764	50	8044	0.609	ppbv		99
11) Ethanol	4.510	45	24876	4.838	ppbv	#	77
12) Acetone	4.871	43	59961	2.207	ppbv		93
13) Trichlorofluoromethane	4.994	101	14945	0.211	ppbv		95
14) Isopropylalcohol	5.055	45	19281	0.656	ppbv	#	85
34) Carbon Tetrachloride	7.978	117	1443	0.069	ppbv		83
85] Trichlorofluoromethane...	4.991	101	17707	0.223	ppbv	#	96
89] Carbon Tetrachloride(sim)	7.972	117	1778	0.077	ppbv		100

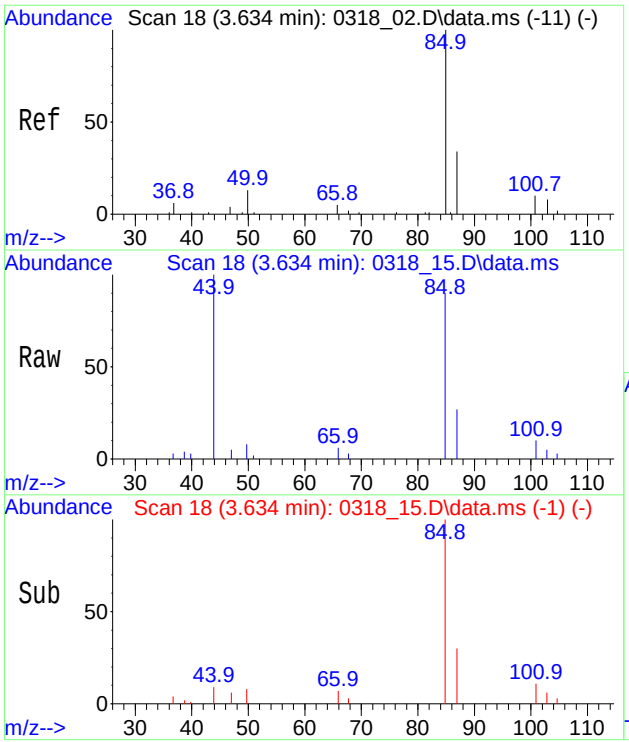
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 19 Mar 2026 12:33 am
Operator :
Client ID : OA-1
Lab ID : CV52027
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 07:40:35 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



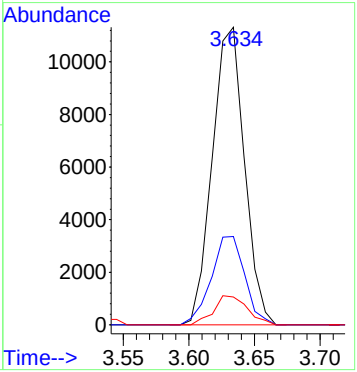


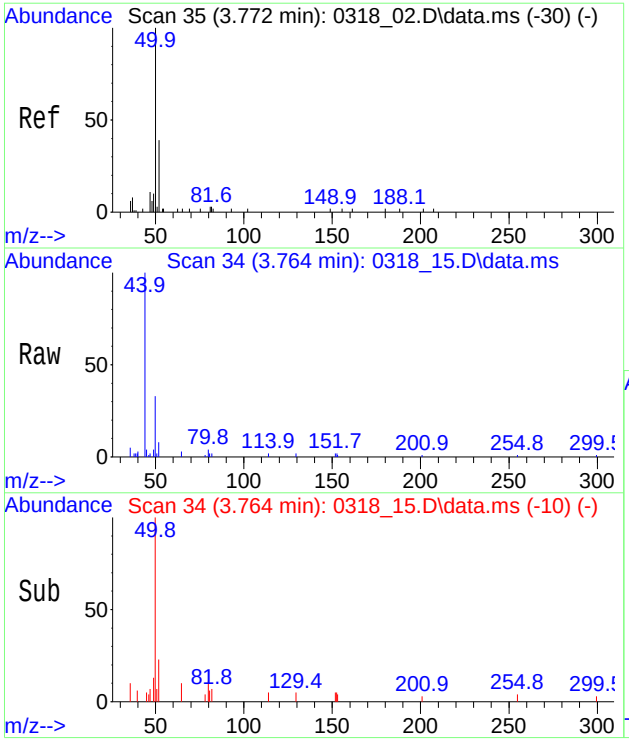


#3
Dichlorodifluoromethane
Conc: 8$ 0.468 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion: 85 Resp: 19329

Ion	Ratio	Lower	Upper
85	100		
87	31.1	28.2	42.2
50	10.3	11.9	17.9#

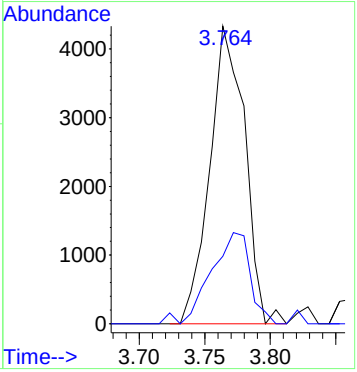


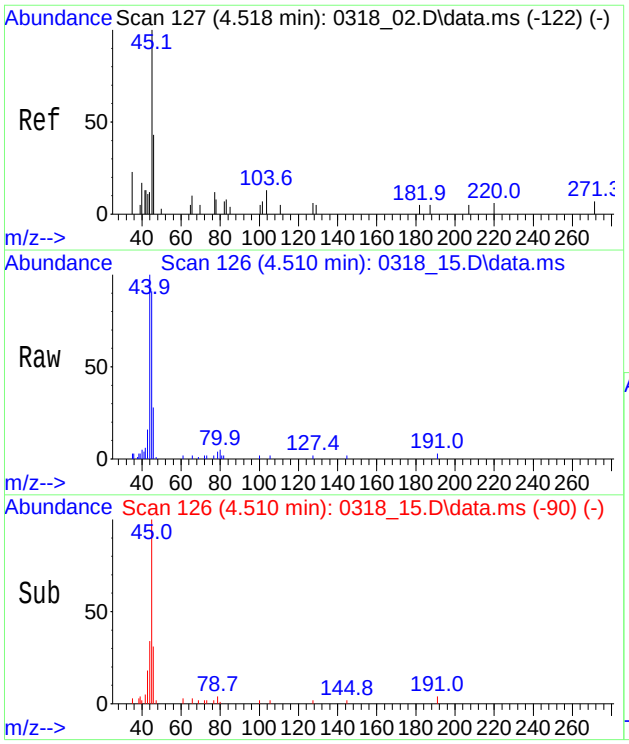


#4
Chloromethane
Conc: 8$ 0.609 ppbv
RT: 3.764 min Scan# 34
Delta R.T. -0.008 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion: 50 Resp: 8044

Ion	Ratio	Lower	Upper
50	100		
52	34.6	15.4	55.4

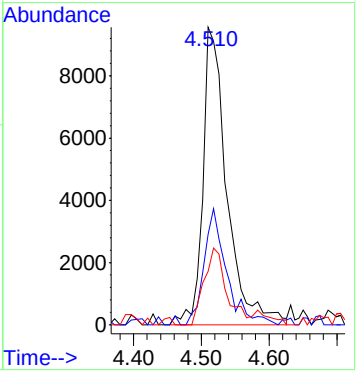


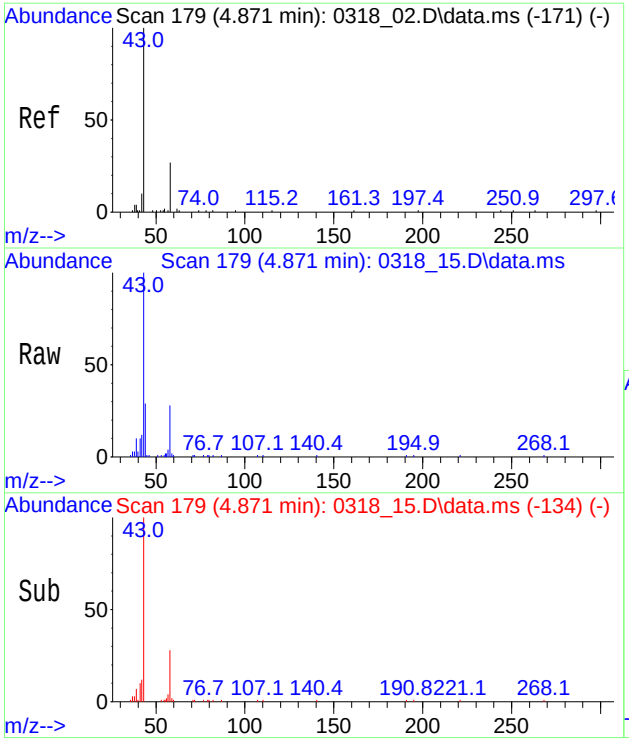


#11
Ethanol
Conc: 8$ 4.838 ppbv
RT: 4.510 min Scan# 126
Delta R.T. -0.008 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion: 45 Resp: 24876

Ion	Ratio	Lower	Upper
45	100		
46	38.5	26.6	40.0
43	23.3	36.4	54.6#

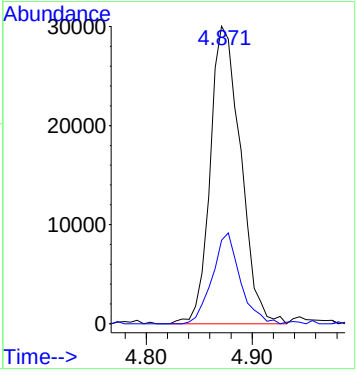


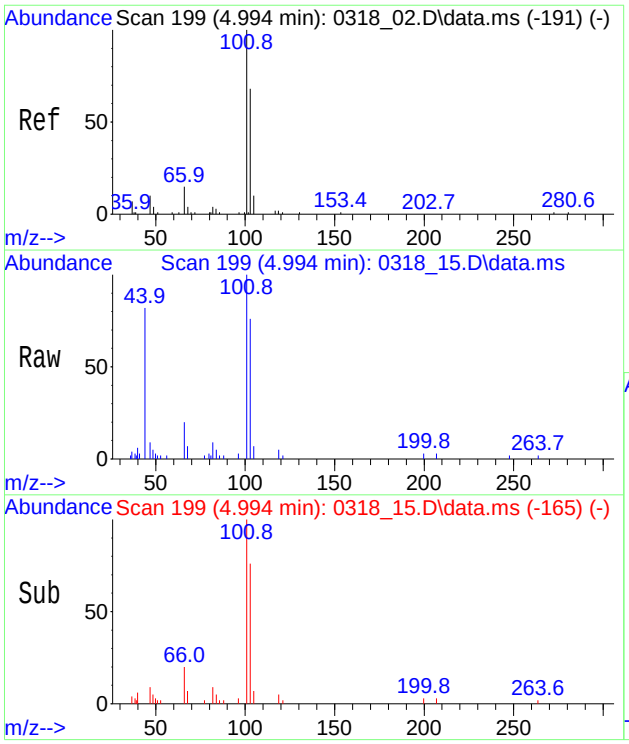


#12
Acetone
Conc: 8$ 2.207 ppbv
RT: 4.871 min Scan# 179
Delta R.T. 0.000 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion: 43 Resp: 59961

Ion	Ratio	Lower	Upper
43	100		
58	28.0	19.5	29.3

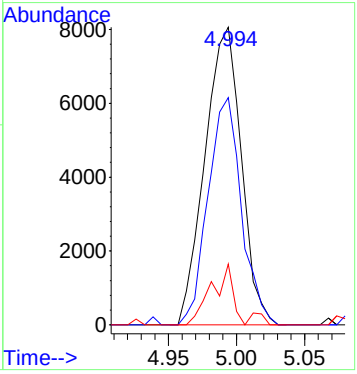


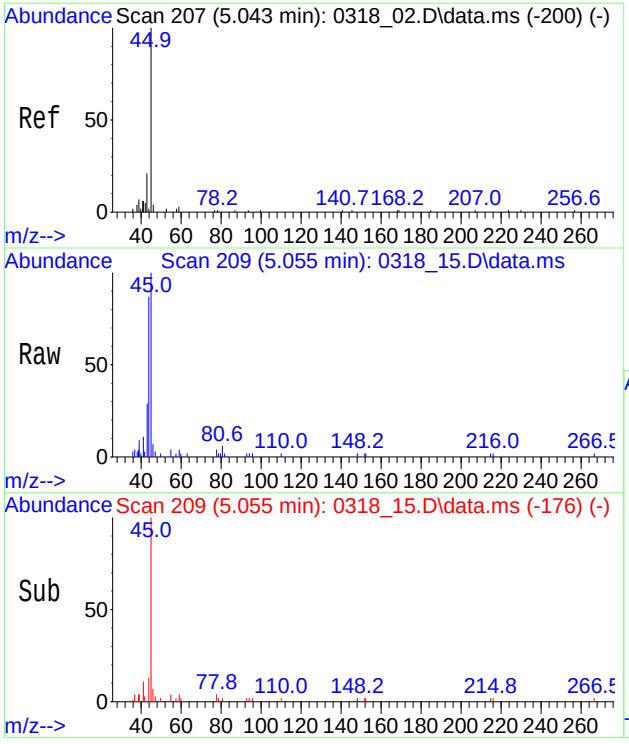


#13
Trichlorofluoromethane
Conc: 8$ 0.211 ppbv
RT: 4.994 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion:101 Resp: 14945

Ion	Ratio	Lower	Upper
101	100		
103	70.0	52.6	79.0
66	11.9	10.7	16.1

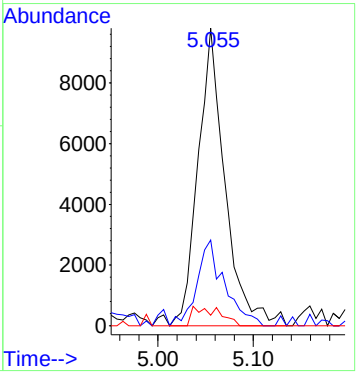


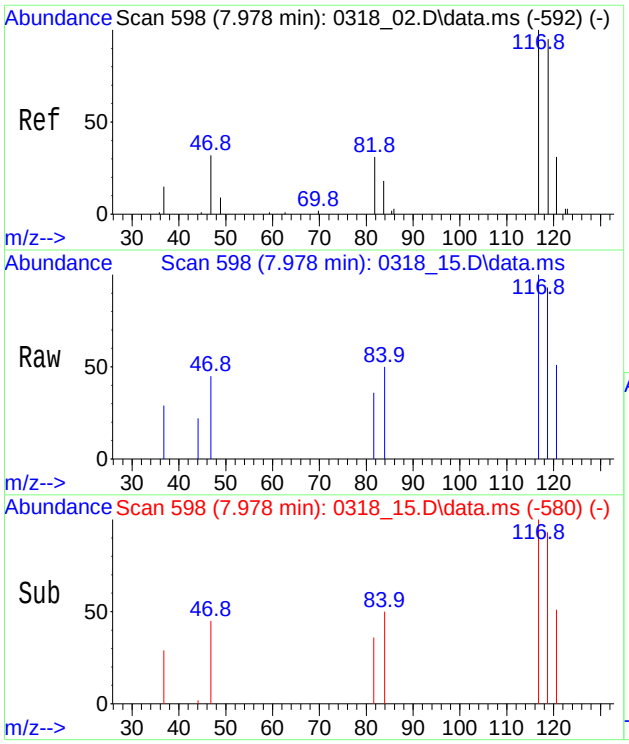


#14
Isopropylalcohol
Conc: 8$ 0.656 ppbv
RT: 5.055 min Scan# 209
Delta R.T. 0.000 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion: 45 Resp: 19281

Ion	Ratio	Lower	Upper
45	100		
43	29.4	17.4	26.2#
59	6.5	2.7	4.1#

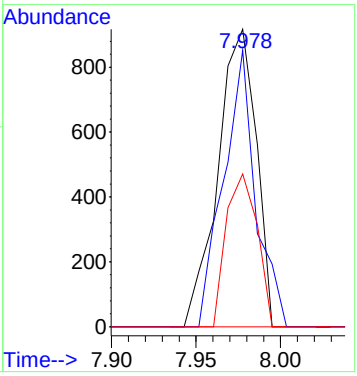


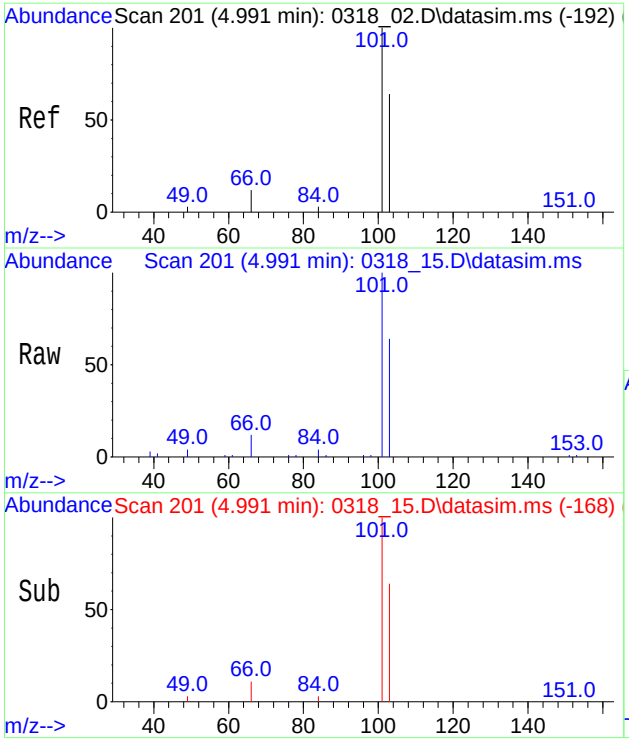


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.978 min Scan# 598
Delta R.T. 0.009 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion:117 Resp: 1443

Ion	Ratio	Lower	Upper
117	100		
119	77.8	73.6	113.6
121	41.5	10.9	50.9

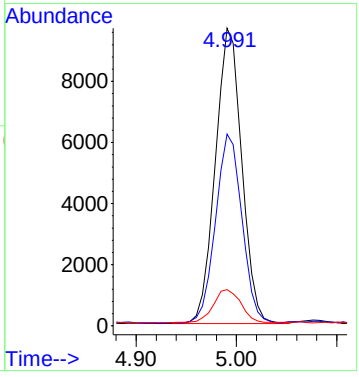


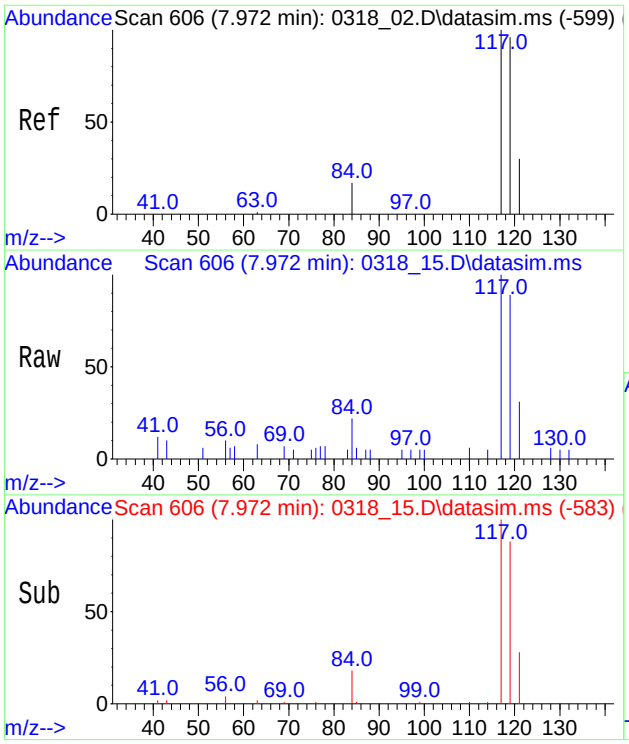


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.223 ppbv
RT: 4.991 min Scan# 201
Delta R.T. 0.000 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion:101 Resp: 17707

Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.9	80.9
66	11.8	12.2	12.2#

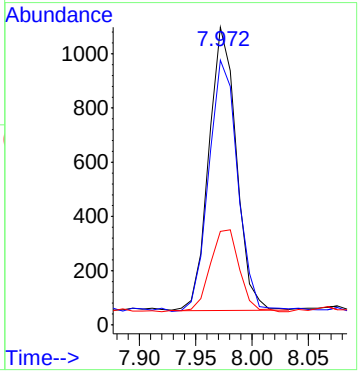




#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.077 ppbv
RT: 7.972 min Scan# 606
Delta R.T. 0.000 min
Lab File: 0318_15.D
Acq: 19 Mar 2026 12:33 am

Tgt Ion:117 Resp: 1778

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.4
121	31.0	25.1	37.7



Response Factor Report CHEM20

Method Path : H:\AIR2026\CHEM20\Methods\
Method File : x20_AIR_0317.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 18 16:13:50 2026
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=0317_07.D 0.05=0317_08.D 0.10=0317_09.D 0.2 =0317_10.D 0.5 =0317_11.D 1.0 =0317_16.D 2.5 =0317_12.D 5.0 =0317_13.D
10 =0317_17.D 25 =0317_14.D 40 =0317_15.D 0.02=0317_06.D 0.01=0317_05.D

	Compound	.035	0.05	0.10	0.2	0.5	1.0	2.5	5.0	10	25	40	0.02	0.01	Avg	%RSD
1)	Int Bromochloromethane	ISTD														
2)	Propylene				0.999	0.753	0.655	0.585	0.729	0.612	0.578	0.557			0.683	21.36
3)	Dichlorodifluo...				3.918	3.541	3.882	3.398	4.056	3.392	3.273	3.187			3.581	9.15
4)	Chloromethane				1.297	1.150	1.270	1.102	1.270	1.086	1.023	0.968			1.146	10.74
5)	1,2-Dichlorote...				6.304	5.812	6.546	5.600	6.228	5.419	5.156	5.355			5.803	8.72
6)	Vinyl Chloride				1.982	1.681	1.790	1.604	1.797	1.494	1.364	1.373			1.636	13.39
7)	1,3-Butadiene				1.426	1.153	1.217	1.072	1.088	0.956	0.876	0.868			1.082	17.33
8)	Bromomethane				2.641	2.184	2.423	2.064	2.323	2.015	1.840	1.903			2.174	12.60
9)	Chloroethane				1.173	0.771	0.914	0.829	0.935	0.788	0.717	0.707			0.854	17.92
11)	Ethanol					0.543	0.623	0.428	0.460	0.381	0.342	0.342			0.446	23.74
12)	Acetone				2.696	2.555	2.680	2.328	2.454	2.177	1.982	1.971			2.355	12.33
13)	Trichlorofluor...				6.451	6.332	6.790	6.167	6.701	5.864	5.415	5.422			6.143	8.68
14)	Isopropylalcohol				3.249	2.775	2.879	2.437	2.700	2.294	2.049	1.991			2.547	16.99
15)	Acrylonitrile				1.056	0.892	0.865	0.755	0.814	0.715	0.645	0.616			0.795	18.14
16)	1,1-Dichloroet...				3.343	2.696	2.980	2.714	2.970	2.622	2.419	2.327			2.759	11.95
17)	Methylene Chlo...				2.823	2.221	2.032	1.882	1.905	1.651	1.508	1.395			1.927	23.51
20)	Carbon Disulfide				3.935	5.990	6.226	5.722	6.261	5.309	4.853	4.577			5.359	15.76
21)	Trichlorotrifl...				5.426	5.075	4.902	4.858	5.256	4.662	4.382	4.297			4.857	8.20
22)	Trans-1,2-Dich...				1.280	1.101	1.038	1.079	1.187	1.063	1.029	0.992			1.096	8.61
23)	1,1-Dichloroet...				1.696	1.476	1.350	1.522	1.632	1.431	1.401	1.309			1.477	9.09
24)	Methyl tert-bu...				2.251	2.287	2.323	2.284	2.445	2.339	2.259	2.167			2.294	3.50
25)	Methyl Ethyl K...				1.942	1.770	1.643	1.598	1.805	1.567	1.517	1.451			1.662	9.90
26)	Cis-1,2-Dichlo...				1.222	1.080	1.017	1.081	1.148	1.078	1.042	0.980			1.081	7.02
27)	Hexane				1.133	0.995	1.022	1.026	1.220	1.113	1.131	1.081			1.090	6.83
28)	Chloroform				2.124	2.160	2.038	1.965	2.243	2.006	1.957	1.850			2.043	6.19
29)	Ethyl acetate				0.287	0.244	0.236	0.274	0.294	0.252	0.267	0.260			0.264	7.68
30)	Tetrahydrofuran				1.025	0.758	0.888	0.830	0.968	0.826	0.800	0.750			0.856	11.49
31)	1,2-Dichloroet...				1.420	1.067	1.174	1.244	1.292	1.162	1.144	1.092			1.199	9.64
32)	1,1,1-Trichlor...				2.286	1.829	1.943	1.808	2.100	2.046	2.014	1.986			2.001	7.65
33)	Benzene			3.287	3.111	2.375	2.381	2.513	2.857	2.518	2.520	2.390			2.661	12.80
34)	Carbon Tetrach...				1.622	1.492	1.899	1.527	1.831	1.999	2.057	2.118			1.818	13.42
35)	Cyclohexane				1.542	1.141	1.127	1.082	1.226	1.094	1.072	1.008			1.162	14.30
36)	Int 1,4-Difluorobenzene	ISTD														
37)	1,2-dichloropr...				0.329	0.285	0.269	0.255	0.293	0.288	0.305	0.305			0.291	7.85
38)	Bromodichlorom...				0.540	0.589	0.598	0.540	0.664	0.705	0.815	0.905			0.670	19.81
39)	Trichloroethene				0.404	0.377	0.455	0.401	0.499	0.505	0.587	0.673			0.488	20.84
40)	2,2,4-trimethy...				1.024	0.883	0.942	0.983	1.158	1.110	1.248	1.320			1.083	14.09
41)	1,4-Dioxane				0.160	0.136	0.170	0.147	0.199	0.195	0.237	0.273			0.189	24.75
43)	Heptane				0.495	0.343	0.371	0.364	0.411	0.405	0.429	0.431			0.406	11.78

Method Path : H:\AIR2026\CHEM20\Methods\
Method File : x20_AIR_0317.M
Title : VOA Standards for 5 point calibration

44)	cis-1,3-Dichlo...			0.381	0.331	0.427	0.385	0.500	0.570	0.602	0.711			0.488	26.81
45)	4-Methyl-2-pen...			0.592	0.522	0.705	0.620	0.692	0.751	0.798	0.812			0.687	14.88
46)	trans-1,3-Dich...			0.314	0.258	0.333	0.297	0.371	0.392	0.432	0.451			0.356	18.90
47)	1,1,2-Trichlor...			0.346	0.325	0.318	0.349	0.395	0.368	0.419	0.438			0.370	11.81
48)	Toluene			0.892	0.827	0.912	0.879	1.037	1.031	1.138	1.180			0.987	13.07
49)	Dibromochlorom...			0.437	0.471	0.644	0.477	0.638	0.730	0.895				0.613	27.00
50)	2-Hexanone(MBK)			0.516	0.431	0.513	0.496	0.618	0.598	0.642	0.641			0.557	14.05
51)	1,2-Dibromoeth...			0.612	0.489	0.552	0.514	0.654	0.663	0.747	0.779			0.626	16.77
52)	Tetrachloroethene			0.500	0.448	0.454	0.450	0.543	0.535	0.634	0.699			0.533	17.29
53)	Int Chlorobenzene-d5	----------ISTD----------													
54)	1,1,1,2-Tetrac...			0.755	0.756	1.035	0.868	1.075	1.092	1.045	0.941			0.946	14.64
55)	Chlorobenzene			1.936	1.882	1.884	1.792	2.007	1.839	1.629	1.419			1.798	10.54
56)	Ethylbenzene		2.775	2.568	2.614	2.572	2.620	2.870	2.664	2.264	1.918			2.541	11.27
57)	m,p-Xylene		2.141	1.837	1.822	1.658	2.032	2.287	2.094	1.915	1.709			1.944	10.77
58)	Bromoform			0.650	0.770	1.125	0.799	1.048	1.203	1.163	1.100			0.982	21.40
59)	Styrene			1.374	1.633	1.663	1.562	1.720	1.612	1.421	1.184			1.521	11.85
60)	1,1,2,2-Tetrac...			1.579	1.746	1.917	1.766	1.995	1.862	1.778	1.665			1.789	7.50
61)	o-Xylene		1.784	1.939	1.979	2.108	2.071	2.408	2.225	2.130	2.009			2.073	8.60
62)	Surr% Bromofluorob...			1.222	1.244	1.216	1.242	1.194	1.130	0.894	0.698			1.105	18.18
64)	Isopropylbenzene			3.383	3.112	3.131	3.189	3.440	3.228	2.934	2.532			3.119	9.13
66)	4-Ethyltoluene			2.998	3.039	2.944	3.028	3.386	3.326	3.027	2.599			3.043	7.92
67)	1,3,5-Trimethy...			2.109	2.219	2.451	2.534	2.764	2.420	2.266	2.041			2.350	10.14
68)	1,2,4-Trimethy...			2.303	2.266	2.489	2.593	3.101	3.019	3.362	3.383			2.815	16.24
71)	qfi Benzyl chloride			0.088	0.213	0.744	1.716	4.830	10.99	26.99	38.62			Coef R2	0.99
72)	1,3-Dichlorobe...			1.658	1.718	1.879	1.754	2.065	1.914	1.860	1.631			1.810	8.09
73)	1,4-Dichlorobe...			1.410	1.604	1.831	1.701	1.994	2.013	2.126	2.076			1.844	13.77
74)	sec-Butylbenzene			3.534	3.816	3.886	4.145	4.696	4.455	4.764	4.534			4.229	10.68
75)	4-Isopropyltol...			3.080	3.410	3.637	3.813	4.385	4.184	4.400	4.174			3.885	12.41
76)	1,2-Dichlorobe...			1.333	1.502	1.797	1.660	1.952	1.775	1.653	1.430			1.638	12.60
77)	n-Butylbenzene			2.556	2.670	2.842	3.058	3.543	3.273	3.220	2.827			2.999	11.15
78)	1,2,4-Trichlor...			0.438	0.578	0.892	0.687	0.947	1.025	1.115	1.040			0.840	29.05
79)	Naphthalene				1.414	2.069	1.782	2.554	2.575	2.588	2.220			2.172	20.78
80)	Hexachlorobuta...			0.776	0.922	0.936	0.934	1.112	1.117	1.202	1.178			1.022	14.77
81)	int Bromochloromethane...	----------ISTD----------													
82)	1,2-Dichlorote...	5.940	5.812	5.500	5.108	4.825	5.504	4.534	5.008			6.703	9.319	5.825	23.63
83)	Vinyl Chloride...	1.792	1.670	1.720	1.596	1.543	1.703	1.440	1.588			2.027	2.771	1.785	21.36
84)	Bromomethane(sim)	2.605	2.432	2.388	2.140	1.813	2.037	1.671				2.790	3.262	2.349	21.24
85)	Trichlorofluor...		2.957	6.492	6.117	6.797	5.836	6.319						5.753	24.48
86)	1,2-Dichloroet...	1.277	1.125	1.212	1.111	0.885	0.987	1.007	1.040			1.431	1.997	1.207	26.42
87)	1,1,1-Trichlor...	1.900	1.801	1.962	1.829	1.766	1.968	1.765	2.034			2.400	3.002	2.043	18.88
88)	Benzene(sim)	2.939	2.865	2.648	2.521	1.972	2.002	2.035				3.670		2.581	22.72
89)	Carbon Tetrach...	1.388	1.435	1.571	1.443	1.378	1.877	1.493				1.898	2.476	1.662	21.88
90)	1,1-Dichloroet...	2.990	2.869	1.355	2.709	2.238	2.505	2.197	2.390			3.418	3.853	2.652	26.20
91)	Trichlorotrifl...	5.569	5.299	2.203	5.200	4.972	5.032	4.693				6.276	8.007	5.250	28.95
92)	Trans-1,2-Dich...	1.260	1.241	1.107	1.037	0.914	0.873	0.873	0.955			1.326		1.065	16.52
93)	1,1-Dichloroet...	1.517	1.549	1.531	1.539	1.391	1.368	1.352	1.468			1.990	2.145	1.585	16.84
94)	Cis-1,2-Dichlo...	1.253	1.056	1.057	0.990	0.896	0.855	0.875				1.326	1.690	1.111	24.43
95)	Chloroform(sim)	2.101	2.113	2.173	2.018	1.930	1.919	1.884	2.074			2.513	3.303	2.203	19.34

Response Factor Report CHEM20

Method Path : H:\AIR2026\CHEM20\Methods\
Method File : x20_AIR_0317.M
Title : VOA Standards for 5 point calibration

96)	int	1,4-Difluorobenzen...	----------ISTD----------											
97)		1,2-dichloropr...	0.379	0.326	0.341	0.315	0.297	0.289	0.291	0.334	0.431	0.448	0.345	16.42
98)		Bromodichlorom...	0.630	0.611	0.624	0.541	0.587	0.598	0.539	0.665	0.715	1.120	0.663	25.48
99)		Trichloroethen...	0.534	0.534	0.550	0.505	0.494	0.527	0.498	0.597	0.609		0.538	7.61
100)		1,4-Dioxane(sim)			0.173	0.149	0.135	0.170	0.147	0.199			0.162	14.17
101)		cis-1,3-Dichlo...	0.454	0.424	0.446	0.439	0.426	0.481	0.444		0.549	0.588	0.472	12.24
102)		1,1,2-Trichlor...	0.436	0.437	0.426	0.370	0.324	0.318	0.348	0.394	0.484	0.592	0.413	20.06
103)		Dibromochlorom...	0.540	0.528	0.542	0.520	0.512	0.727	0.583		0.662	0.815	0.603	17.87
104)		1,2-Dibromoeth...	0.622	0.591	0.615	0.586	0.488	0.552	0.512	0.655	0.755	0.880	0.626	18.66
105)		Tetrachloroeth...	0.655	0.651	0.641	0.615	0.583	0.587	0.584	0.686 0.686	0.714	0.992	0.672	17.12
106)	int	Chlorobenzene-d5(sim)	----------ISTD----------											
107)		Bromoform(sim)	0.907	0.885	0.992	0.894	0.898	1.413	1.033		1.018	1.225	1.030	17.44
108)		Ethylbenzene(sim)	3.190	3.026	2.778	2.560	2.610	2.570	2.622		3.982		2.917	16.73
109)		m,p-Xylene(sim)	2.372	2.313	2.509	2.305	2.287	2.367	2.390	2.660	2.590	3.486	2.528	14.22
110)		1,1,2,2-Tetrac...	2.050	1.878	2.043	1.574	1.744	1.916	1.767	1.988	2.328	2.950	2.024	19.01
113)	qf	Benzyl chlorid...	0.063	0.075	0.136	0.232	0.479	1.002					Coef R2	1.00
114)		1,3-Dichlorobe...	2.125	2.024	2.144	1.653	1.716	1.878	1.755		2.454	3.345	2.122	24.69
115)		1,4-Dichlorobe...	2.136	1.911	2.046	1.935	1.959	2.160	2.107				2.036	5.00
116)		sec-Butylbenze...	4.313	4.096	3.573	3.523	3.811	3.884	4.148	4.688	4.686	6.405	4.313	19.46
117)		4-Isopropyltol...	4.035	3.759	4.119	3.945	4.064	4.347	4.574				4.120	6.49
118)		1,2-Dichlorobe...	1.975	1.845	2.077	1.329	1.500	1.796	1.661	1.949	2.543		1.853	18.98
119)		n-Butylbenzene...	2.869	2.628	2.965	2.834	3.036	3.320	3.540		3.198		3.049	9.60
120)		1,2,4-Trichlor...	0.870	0.742	0.718	0.731	0.754	0.903			1.231		0.850	21.53
121)	qf	Hexachlorobuta...	0.040	0.056	0.106	0.194	0.464	1.024	2.497		0.032	0.023	Coef R2	1.00

(#,$,@)=Out of Range l=linear lf=linear(0,0) q=Quadratic qf=Quadratic(0,0)

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ENVIROTR

Lab Code: Phoenix | SDG No.: GCV52023

Instrument ID: CHEM20 | Calibration Date From: 03/17/26 21:06

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/26 01:02

GC Column: | Method File: x20_AIR_0317.M

Laboratory File Ids

RRF1 0317_05.D RRF2 0317_06.D RRF3 0317_07.D RRF4 0317_08.D RRF5 0317_09.D RRF6 0317_10.D
RRF7 0317_11.D RRF8 0317_16.D RRF9 0317_12.D RRF10 0317_13.D RRF11 0317_17.D RRF12 0317_14.D
RRF13 0317_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
Propylene						0.999	0.753	0.655	0.585	0.729	0.612	0.578	0.557	0.683	21.36
Dichlorodifluoromethane						3.918	3.541	3.882	3.398	4.056	3.392	3.273	3.187	3.581	9.15
Chloromethane						1.297	1.150	1.270	1.102	1.270	1.086	1.023	0.968	1.146	10.74
1,2-Dichlorotetrafluoroethane						6.304	5.812	6.546	5.600	6.228	5.419	5.156	5.355	5.803	8.72
Vinyl Chloride						1.982	1.681	1.790	1.604	1.797	1.494	1.364	1.373	1.636	13.39
1,3-Butadiene						1.426	1.153	1.217	1.072	1.088	0.956	0.876	0.868	1.082	17.33
Bromomethane						2.641	2.184	2.423	2.064	2.323	2.015	1.840	1.903	2.174	12.60
Chloroethane						1.173	0.771	0.914	0.829	0.935	0.788	0.717	0.707	0.854	17.92
Ethanol							0.543	0.623	0.428	0.460	0.381	0.342	0.342	0.446	23.74
Acetone						2.696	2.555	2.680	2.328	2.454	2.177	1.982	1.971	2.355	12.33
Trichlorofluoromethane						6.451	6.332	6.790	6.167	6.701	5.864	5.415	5.422	6.143	8.68
Isopropylalcohol						3.249	2.775	2.879	2.437	2.700	2.294	2.049	1.991	2.547	16.99
Acrylonitrile						1.056	0.892	0.865	0.755	0.814	0.715	0.645	0.616	0.795	18.14
1,1-Dichloroethene						3.343	2.696	2.980	2.714	2.970	2.622	2.419	2.327	2.759	11.95
Methylene Chloride						2.823	2.221	2.032	1.882	1.905	1.651	1.508	1.395	1.927	23.51
Carbon Disulfide						3.935	5.990	6.226	5.722	6.261	5.309	4.853	4.577	5.359	15.76
Trichlorotrifluoroethane						5.426	5.075	4.902	4.858	5.256	4.662	4.382	4.297	4.857	8.20
Trans-1,2-Dichloroethene						1.280	1.101	1.038	1.079	1.187	1.063	1.029	0.992	1.096	8.61
1,1-Dichloroethane						1.696	1.476	1.350	1.522	1.632	1.431	1.401	1.309	1.477	9.09
Methyl tert-butyl ether(MTBE)						2.251	2.287	2.323	2.284	2.445	2.339	2.259	2.167	2.294	3.50
Methyl Ethyl Ketone						1.942	1.770	1.643	1.598	1.805	1.567	1.517	1.451	1.662	9.90
Cis-1,2-Dichloroethene						1.222	1.080	1.017	1.081	1.148	1.078	1.042	0.980	1.081	7.02
Hexane						1.133	0.995	1.022	1.026	1.220	1.113	1.131	1.081	1.090	6.83
Chloroform						2.124	2.160	2.038	1.965	2.243	2.006	1.957	1.850	2.043	6.19

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ENVIROTR

Lab Code: Phoenix | SDG No.: GCV52023

Instrument ID: CHEM20 | Calibration Date From: 03/17/26 21:06

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/26 01:02

GC Column: | Method File: x20_AIR_0317.M

Laboratory File Ids

RRF1 0317_05.D RRF2 0317_06.D RRF3 0317_07.D RRF4 0317_08.D RRF5 0317_09.D RRF6 0317_10.D
RRF7 0317_11.D RRF8 0317_16.D RRF9 0317_12.D RRF10 0317_13.D RRF11 0317_17.D RRF12 0317_14.D
RRF13 0317_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
Ethyl acetate						0.287	0.244	0.236	0.274	0.294	0.252	0.267	0.260	0.264	7.68
Tetrahydrofuran						1.025	0.758	0.888	0.830	0.968	0.826	0.800	0.750	0.856	11.49
1,2-Dichloroethane						1.420	1.067	1.174	1.244	1.292	1.162	1.144	1.092	1.199	9.64
1,1,1-Trichloroethane						2.286	1.829	1.943	1.808	2.100	2.046	2.014	1.986	2.001	7.65
Benzene					3.287	3.111	2.375	2.381	2.513	2.857	2.518	2.520	2.390	2.661	12.80
Carbon Tetrachloride						1.622	1.492	1.899	1.527	1.831	1.999	2.057	2.118	1.818	13.42
Cyclohexane						1.542	1.141	1.127	1.082	1.226	1.094	1.072	1.008	1.162	14.30
1,2-dichloropropane						0.329	0.285	0.269	0.255	0.293	0.288	0.305	0.305	0.291	7.85
Bromodichloromethane						0.540	0.589	0.598	0.540	0.664	0.705	0.815	0.905	0.670	19.81
Trichloroethene						0.404	0.377	0.455	0.401	0.499	0.505	0.587	0.673	0.488	20.84
2,2,4-trimethylpentane						1.024	0.883	0.942	0.983	1.158	1.110	1.248	1.320	1.083	14.09
1,4-Dioxane						0.160	0.136	0.170	0.147	0.199	0.195	0.237	0.273	0.189	24.75
Heptane						0.495	0.343	0.371	0.364	0.411	0.405	0.429	0.431	0.406	11.78
cis-1,3-Dichloropropene						0.381	0.331	0.427	0.385	0.500	0.570	0.602	0.711	0.488	26.81
4-Methyl-2-pentanone(MIBK)						0.592	0.522	0.705	0.620	0.692	0.751	0.798	0.812	0.687	14.88
trans-1,3-Dichloropropene						0.314	0.258	0.333	0.297	0.371	0.392	0.432	0.451	0.356	18.90
1,1,2-Trichloroethane						0.346	0.325	0.318	0.349	0.395	0.368	0.419	0.438	0.370	11.81
Toluene						0.892	0.827	0.912	0.879	1.037	1.031	1.138	1.180	0.987	13.07
Dibromochloromethane						0.437	0.471	0.644	0.477	0.638	0.730	0.895		0.613	27.00
2-Hexanone(MBK)						0.516	0.431	0.513	0.496	0.618	0.598	0.642	0.641	0.557	14.05
1,2-Dibromoethane(EDB)						0.612	0.489	0.552	0.514	0.654	0.663	0.747	0.779	0.626	16.77
Tetrachloroethene						0.500	0.448	0.454	0.450	0.543	0.535	0.634	0.699	0.533	17.29
1,1,1,2-Tetrachloroethane						0.755	0.756	1.035	0.868	1.075	1.092	1.045	0.941	0.946	14.64
Chlorobenzene						1.936	1.882	1.884	1.792	2.007	1.839	1.629	1.419	1.798	10.54

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ENVIROTR

Lab Code: Phoenix | SDG No.: GCV52023

Instrument ID: CHEM20 | Calibration Date From: 03/17/26 21:06

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/26 01:02

GC Column: | Method File: x20_AIR_0317.M

Laboratory File Ids

RRF1 0317_05.D RRF2 0317_06.D RRF3 0317_07.D RRF4 0317_08.D RRF5 0317_09.D RRF6 0317_10.D
RRF7 0317_11.D RRF8 0317_16.D RRF9 0317_12.D RRF10 0317_13.D RRF11 0317_17.D RRF12 0317_14.D
RRF13 0317_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
Ethylbenzene					2.775	2.568	2.614	2.572	2.620	2.870	2.664	2.264	1.918	2.541	11.27
m,p-Xylene					2.141	1.837	1.822	1.658	2.032	2.287	2.094	1.915	1.709	1.944	10.77
Bromoform						0.650	0.770	1.125	0.799	1.048	1.203	1.163	1.100	0.982	21.40
Styrene						1.374	1.633	1.663	1.562	1.720	1.612	1.421	1.184	1.521	11.85
1,1,2,2-Tetrachloroethane						1.579	1.746	1.917	1.766	1.995	1.862	1.778	1.665	1.789	7.50
o-Xylene					1.784	1.939	1.979	2.108	2.071	2.408	2.225	2.130	2.009	2.073	8.60
Isopropylbenzene						3.383	3.112	3.131	3.189	3.440	3.228	2.934	2.532	3.119	9.13
4-Ethyltoluene						2.998	3.039	2.944	3.028	3.386	3.326	3.027	2.599	3.043	7.92
1,3,5-Trimethylbenzene						2.109	2.219	2.451	2.534	2.764	2.420	2.266	2.041	2.350	10.14
1,2,4-Trimethylbenzene						2.303	2.266	2.489	2.593	3.101	3.019	3.362	3.383	2.815	16.24
Benzyl chloride qfi						0.088	0.213	0.744	1.716	4.830	10.990	26.990	38.620	Coef R2	0.99
1,3-Dichlorobenzene						1.658	1.718	1.879	1.754	2.065	1.914	1.860	1.631	1.810	8.09
1,4-Dichlorobenzene						1.410	1.604	1.831	1.701	1.994	2.013	2.126	2.076	1.844	13.77
sec-Butylbenzene						3.534	3.816	3.886	4.145	4.696	4.455	4.764	4.534	4.229	10.68
4-Isopropyltoluene						3.080	3.410	3.637	3.813	4.385	4.184	4.400	4.174	3.885	12.41
1,2-Dichlorobenzene						1.333	1.502	1.797	1.660	1.952	1.775	1.653	1.430	1.638	12.60
n-Butylbenzene						2.556	2.670	2.842	3.058	3.543	3.273	3.220	2.827	2.999	11.15
1,2,4-Trichlorobenzene						0.438	0.578	0.892	0.687	0.947	1.025	1.115	1.040	0.840	29.05
Naphthalene							1.414	2.069	1.782	2.554	2.575	2.588	2.220	2.172	20.78
Hexachlorobutadiene						0.776	0.922	0.936	0.934	1.112	1.117	1.202	1.178	1.022	14.77
1,2-Dichlorotetrafluoroethane(sim)	9.319	6.703	5.940	5.812	5.500	5.108	4.825	5.504	4.534	5.008				5.825	23.63
Vinyl Chloride(sim)	2.771	2.027	1.792	1.670	1.720	1.596	1.543	1.703	1.440	1.588				1.785	21.36
Bromomethane(sim)	3.262	2.790	2.605	2.432	2.388	2.140	1.813	2.037	1.671					2.349	21.24
Trichlorofluoromethane(sim)					2.957	6.492	6.117	6.797	5.836	6.319				5.753	24.48

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ENVIROTR

Lab Code: Phoenix | SDG No.: GCV52023

Instrument ID: CHEM20 | Calibration Date From: 03/17/26 21:06

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/26 01:02

GC Column: | Method File: x20_AIR_0317.M

Laboratory File Ids

RRF1 0317_05.D RRF2 0317_06.D RRF3 0317_07.D RRF4 0317_08.D RRF5 0317_09.D RRF6 0317_10.D
RRF7 0317_11.D RRF8 0317_16.D RRF9 0317_12.D RRF10 0317_13.D RRF11 0317_17.D RRF12 0317_14.D
RRF13 0317_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
1,2-Dichloroethane(sim)	1.997	1.431	1.277	1.125	1.212	1.111	0.885	0.987	1.007	1.040				1.207	26.42
1,1,1-Trichloroethane(sim)	3.002	2.400	1.900	1.801	1.962	1.829	1.766	1.968	1.765	2.034				2.043	18.88
Benzene(sim)		3.670	2.939	2.865	2.648	2.521	1.972	2.002	2.035					2.581	22.72
Carbon Tetrachloride(sim)	2.476	1.898	1.388	1.435	1.571	1.443	1.378	1.877	1.493					1.662	21.88
1,1-Dichloroethene(sim)	3.853	3.418	2.990	2.869	1.355	2.709	2.238	2.505	2.197	2.390				2.652	26.20
Trichlorotrifluoroethane(sim)	8.007	6.276	5.569	5.299	2.203	5.200	4.972	5.032	4.693					5.250	28.95
Trans-1,2-Dichloroethene(sim)		1.326	1.260	1.241	1.107	1.037	0.914	0.873	0.873	0.955				1.065	16.52
1,1-Dichloroethane(sim)	2.145	1.990	1.517	1.549	1.531	1.539	1.391	1.368	1.352	1.468				1.585	16.84
Cis-1,2-Dichloroethene(sim)	1.69	1.326	1.253	1.056	1.057	0.990	0.896	0.855	0.875					1.111	24.43
Chloroform(sim)	3.303	2.513	2.101	2.113	2.173	2.018	1.930	1.919	1.884	2.074				2.203	19.34
1,2-dichloropropane(sim)	0.448	0.431	0.379	0.326	0.341	0.315	0.297	0.289	0.291	0.334				0.345	16.42
Bromodichloromethane(sim)	1.12	0.715	0.630	0.611	0.624	0.541	0.587	0.598	0.539	0.665				0.663	25.48
Trichloroethene(sim)		0.609	0.534	0.534	0.550	0.505	0.494	0.527	0.498	0.597				0.538	7.61
1,4-Dioxane(sim)					0.173	0.149	0.135	0.170	0.147	0.199				0.162	14.17
cis-1,3-Dichloropropene(sim)	0.588	0.549	0.454	0.424	0.446	0.439	0.426	0.481	0.444					0.472	12.24
1,1,2-Trichloroethane(sim)	0.592	0.484	0.436	0.437	0.426	0.370	0.324	0.318	0.348	0.394				0.413	20.06
Dibromochloromethane(sim)	0.815	0.662	0.540	0.528	0.542	0.520	0.512	0.727	0.583					0.603	17.87
1,2-Dibromoethane(EDB)(sim)	0.88	0.755	0.622	0.591	0.615	0.586	0.488	0.552	0.512	0.655				0.626	18.66
Tetrachloroethene(sim)	0.992	0.714	0.655	0.651	0.641	0.615	0.583	0.587	0.584	0.686	0.686			0.672	17.12
Bromoform(sim)	1.225	1.018	0.907	0.885	0.992	0.894	0.898	1.413	1.033					1.030	17.44
Ethylbenzene(sim)		3.982	3.190	3.026	2.778	2.560	2.610	2.570	2.622					2.917	16.73
m,p-Xylene(sim)	3.486	2.590	2.372	2.313	2.509	2.305	2.287	2.367	2.390	2.660				2.528	14.22
1,1,2,2-Tetrachloroethane(sim)	2.95	2.328	2.050	1.878	2.043	1.574	1.744	1.916	1.767	1.988				2.024	19.01
Benzyl chloride(sim) q			0.063	0.075	0.136	0.232	0.479	1.002						Coef R2	1.00

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ENVIROTR

Lab Code: Phoenix | SDG No.: GCV52023

Instrument ID: CHEM20 | Calibration Date From: 03/17/26 21:06

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/26 01:02

GC Column: | Method File: x20_AIR_0317.M

Laboratory File Ids

RRF1 0317_05.D RRF2 0317_06.D RRF3 0317_07.D RRF4 0317_08.D RRF5 0317_09.D RRF6 0317_10.D
RRF7 0317_11.D RRF8 0317_16.D RRF9 0317_12.D RRF10 0317_13.D RRF11 0317_17.D RRF12 0317_14.D
RRF13 0317_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
1,3-Dichlorobenzene(sim)	3.345	2.454	2.125	2.024	2.144	1.653	1.716	1.878	1.755					2.122	24.69
1,4-Dichlorobenzene(sim)			2.136	1.911	2.046	1.935	1.959	2.160	2.107					2.036	5.00
sec-Butylbenzene(sim)	6.405	4.686	4.313	4.096	3.573	3.523	3.811	3.884	4.148	4.688				4.313	19.46
4-Isopropyltoluene(sim)			4.035	3.759	4.119	3.945	4.064	4.347	4.574					4.120	6.49
1,2-Dichlorobenzene(sim)		2.543	1.975	1.845	2.077	1.329	1.500	1.796	1.661	1.949				1.853	18.98
n-Butylbenzene(sim)		3.198	2.869	2.628	2.965	2.834	3.036	3.320	3.540					3.049	9.60
1,2,4-Trichlorobenzene(sim)		1.231	0.870	0.742	0.718	0.731	0.754	0.903						0.850	21.53
Hexachlorobutadiene(sim) q	0.023	0.032	0.040	0.056	0.106	0.194	0.464	1.024	2.497					Coef R2	1.00
% Bromofluorobenzene						1.222	1.244	1.216	1.242	1.194	1.130	0.894	0.698	1.105	18.18

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_05.D
Acq On : 17 Mar 2026 4:37 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 18 16:08:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:40 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	137540	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	492965	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	209840	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	169226	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	492965	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	209840	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	252352	9.893	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.90%			
Target Compounds							Qvalue
2) Propylene	3.593	41	778	0.083	ppbv	#	52
3) Dichlorodifluoromethane	3.634	85	1439	0.029	ppbv	#	47
4) Chloromethane	3.764	50	795	0.050	ppbv	#	39
5) 1,2-Dichlorotetrafluor...	3.853	85	1292	0.016	ppbv	#	94
6) Vinyl Chloride	3.950	62	489	0.022	ppbv	#	43
7) 1,3-Butadiene	4.072	54	263	0.018	ppbv	#	50
8) Bromomethane	4.291	94	909	0.030	ppbv	#	75
9) Chloroethane	4.445	64	713	0.061	ppbv	#	59
11) Ethanol	4.502	45	603	0.098	ppbv	#	3
12) Acetone	4.890	43	2049	0.063	ppbv	#	76
13) Trichlorofluoromethane	4.982	101	1919	0.023	ppbv	#	85
14) Isopropylalcohol	5.049	45	1742	0.050	ppbv	#	47
15) Acrylonitrile	5.184	53	155	0.014	ppbv	#	19
16) 1,1-Dichloroethene	5.427	61	865	0.023	ppbv	#	39
17) Methylene Chloride	5.510	49	2909	0.110	ppbv	#	71
20) Carbon Disulfide	5.730	76	1431	0.019	ppbv	#	90
21) Trichlorotrifluoroethane	5.683	101	1485	0.022	ppbv	#	74
22) Trans-1,2-Dichloroethene	6.128	61	73	0.005	ppbv	#	25
23) 1,1-Dichloroethane	6.250	63	149	0.007	ppbv	#	50
24) Methyl tert-butyl ethe...	6.306	73	981	0.031	ppbv	#	74
25) Methyl Ethyl Ketone	6.517	43	170	0.007	ppbv	#	65
26) Cis-1,2-Dichloroethene	6.793	61	198	0.013	ppbv	#	57
27) Hexane	6.907	57	101	0.007	ppbv	#	38
28) Chloroform	6.963	83	190	0.007	ppbv	#	15
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.223	42	76	0.006	ppbv	#	8
31) 1,2-Dichloroethane	7.442	62	74	0.004	ppbv	#	1
32) 1,1,1-Trichloroethane	7.604	97	82	0.003	ppbv	#	1
33) Benzene	7.882	78	494	0.013	ppbv	#	74
34) Carbon Tetrachloride	7.969	117	85	0.003	ppbv	#	55
35) Cyclohexane	8.073	84	749	0.047	ppbv	#	1
37) 1,2-dichloropropane	8.367	63	442	0.031	ppbv	#	36
38) Bromodichloromethane	0.000	83	0	0.000	ppbv		0
39) Trichloroethene	8.505	130	515	0.021	ppbv	#	40
40) 2,2,4-trimethylpentane	8.514	57	979	0.018	ppbv	#	89
41) 1,4-Dioxane	0.000	88	0	0.000	ppbv		0
43) Heptane	8.644	43	571	0.029	ppbv	#	66
44) cis-1,3-Dichloropropene	9.007	75	189	0.008	ppbv	#	45
45) 4-Methyl-2-pentanone(M...	9.033	43	794	0.023	ppbv	#	54
46) trans-1,3-Dichloropropene	9.300	75	107	0.006	ppbv	#	46
47) 1,1,2-Trichloroethane	9.414	97	98	0.005	ppbv	#	35
48) Toluene	9.581	91	832	0.017	ppbv	#	73

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_05.D
Acq On : 17 Mar 2026 4:37 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 18 16:08:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:40 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.816	129	249	0.008	ppbv#	48
50)	2-Hexanone(MBK)	9.733	43	223	0.008	ppbv#	47
51)	1,2-Dibromoethane(EDB)	9.983	107	146	0.005	ppbv#	1
52)	Tetrachloroethene	10.218	166	585	0.022	ppbv#	67
54)	1,1,1,2-Tetrachloroethane	0.000	131	0	0.000	ppbv	0
55)	Chlorobenzene	10.602	112	857	0.023	ppbv#	1
56)	Ethylbenzene	10.797	91	954	0.018	ppbv#	64
57)	m,p-Xylene	10.890	91	1417	0.035	ppbv#	74
58)	Bromoform	0.000	173	0	0.000	ppbv	0
59)	Styrene	11.102	104	358	0.011	ppbv#	64
60)	1,1,2,2-Tetrachloroethane	11.162	83	620	0.017	ppbv#	64
61)	o-Xylene	11.153	91	803	0.018	ppbv#	64
64)	Isopropylbenzene	11.484	105	1346	0.021	ppbv#	92
66)	4-Ethyltoluene	11.866	105	945	0.015	ppbv#	72
67)	1,3,5-Trimethylbenzene	11.900	105	1108	0.022	ppbv#	94
68)	1,2,4-Trimethylbenzene	12.146	105	850	0.014	ppbv#	60
71)	Benzyl chloride	12.316	91	144	0.006	ppbv#	58
72)	1,3-Dichlorobenzene	12.265	146	325	0.009	ppbv#	76
73)	1,4-Dichlorobenzene	12.307	146	485	0.013	ppbv#	1
74)	sec-Butylbenzene	12.324	105	1273	0.014	ppbv#	92
75)	4-Isopropyltoluene	12.409	119	1207	0.015	ppbv#	84
76)	1,2-Dichlorobenzene	12.520	146	528	0.015	ppbv#	83
77)	n-Butylbenzene	12.664	91	886	0.014	ppbv#	78
78)	1,2,4-Trichlorobenzene	13.675	180	232	0.013	ppbv#	56
79)	Naphthalene	13.760	128	786	0.017	ppbv#	68
80)	Hexachlorobutadiene	13.998	225	604	0.028	ppbv	84
82]	1,2-Dichlorotetrafluor...	3.864	85	1577m	0.016	ppbv	94
83]	Vinyl Chloride(sim)	3.961	62	469	0.016	ppbv#	88
84]	Bromomethane(sim)	4.294	94	552m	0.014	ppbv	75
85]	Trichlorofluoromethane...	4.991	101	1691	0.017	ppbv#	92
86]	1,2-Dichloroethane(sim)	7.437	62	338m	0.017	ppbv	1
87]	1,1,1-Trichloroethane(...	7.599	97	508	0.015	ppbv#	94
88]	Benzene(sim)	7.877	78	854m	0.020	ppbv	73
89]	Carbon Tetrachloride(sim)	7.972	117	419	0.015	ppbv	98
90]	1,1-Dichloroethene(sim)	5.436	61	652m	0.015	ppbv	48
91]	Trichlorotrifluoroetha...	5.686	101	1355	0.015	ppbv#	93
92]	Trans-1,2-Dichloroethe...	6.131	61	319m	0.018	ppbv	25
93]	1,1-Dichloroethane(sim)	6.261	63	363	0.014	ppbv#	71
94]	Cis-1,2-Dichloroethene...	6.788	61	286m	0.015	ppbv	57
95]	Chloroform(sim)	6.974	83	559	0.015	ppbv#	77
97]	1,2-dichloropropane(sim)	8.378	63	221m	0.013	ppbv	91
98]	Bromodichloromethane(sim)	8.491	83	552m	0.017	ppbv	0
99]	Trichloroethene(sim)	8.508	130	446	0.017	ppbv	87
100]	1,4-Dioxane(sim)	8.526	88	182m	0.023	ppbv	0
101]	cis-1,3-Dichloropropen...	9.010	75	290m	0.012	ppbv	93
102]	1,1,2-Trichloroethane(...	9.417	97	292m	0.014	ppbv	7
103]	Dibromochloromethane(sim)	9.834	129	402	0.014	ppbv#	60
104]	1,2-Dibromoethane(EDB)...	9.971	107	434m	0.014	ppbv	11
105]	Tetrachloroethene(sim)	10.221	166	489	0.015	ppbv	94
107]	Bromoform(sim)	10.969	173	257	0.012	ppbv	83
108]	Ethylbenzene(sim)	10.800	91	1082m	0.018	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	1463	0.028	ppbv#	93
110]	1,1,2,2-Tetrachloroeth...	11.156	83	619m	0.015	ppbv	49
113]	Benzyl chloride(sim)	12.259	91	259	0.009	ppbv	86
114]	1,3-Dichlorobenzene(sim)	12.268	146	702m	0.016	ppbv	41

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_05.D
Acq On : 17 Mar 2026 4:37 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

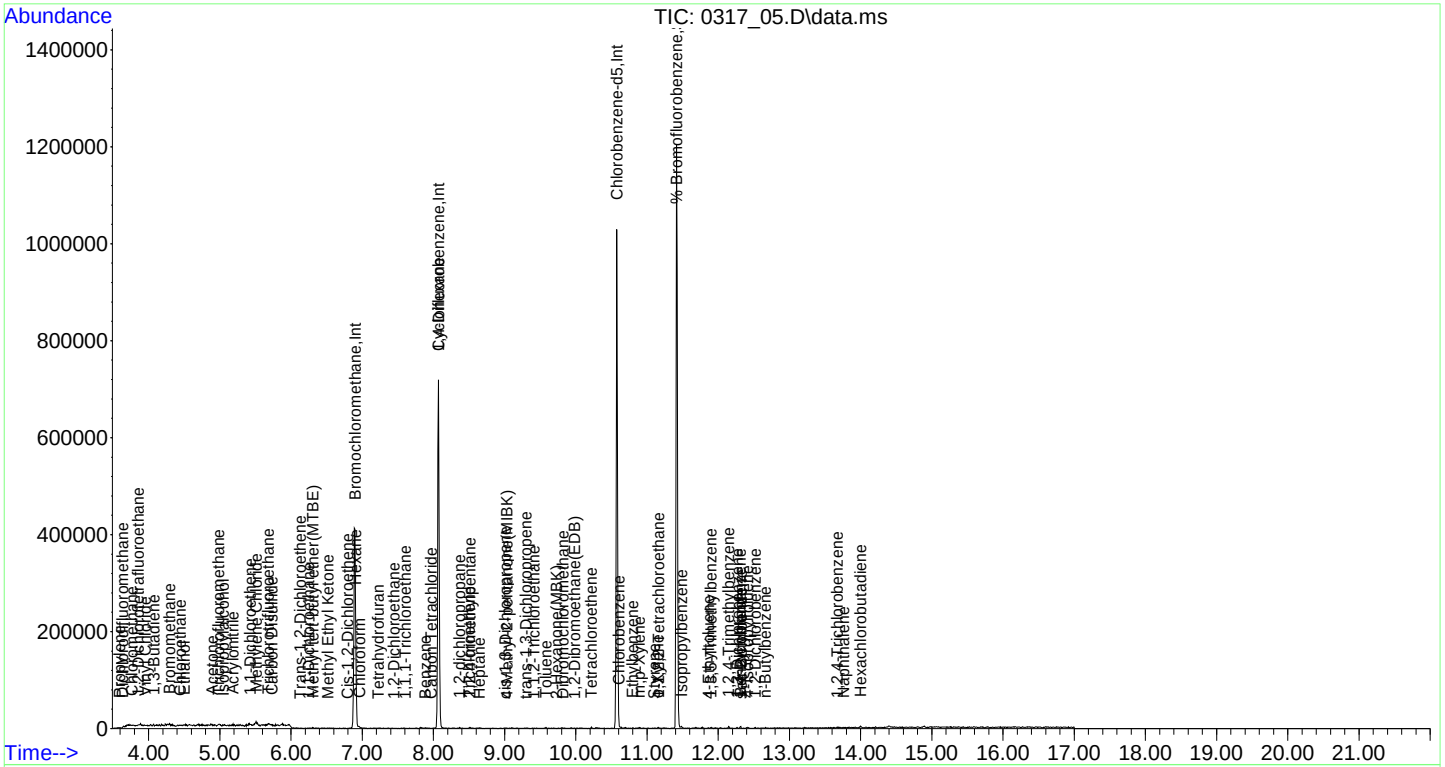
Quant Time: Mar 18 16:08:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:40 2026
Response via : Initial Calibration

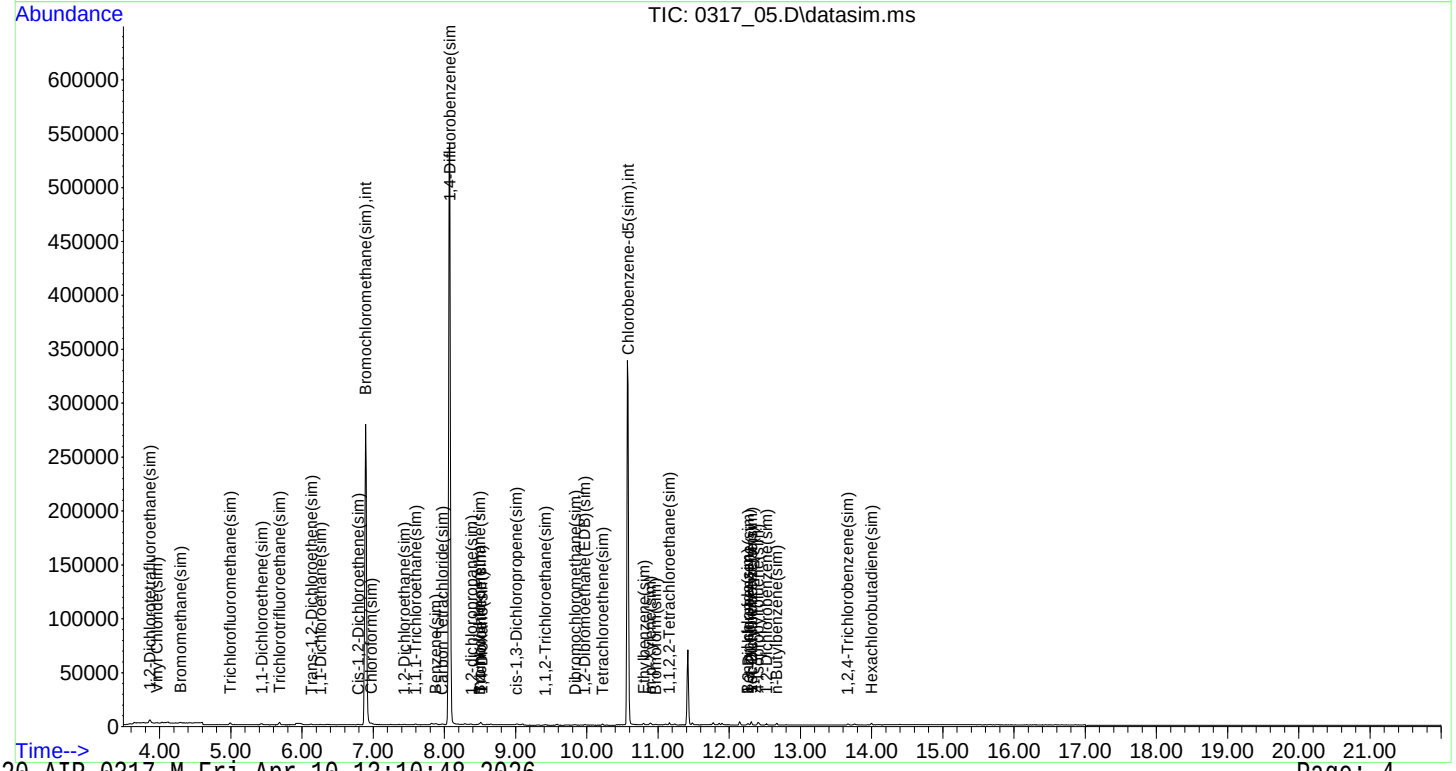
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.310	146	713	0.017	ppbv	97
116] sec-Butylbenzene(sim)	12.310	105	1344m	0.015	ppbv	93
117] 4-Isopropyltoluene(sim)	12.404	119	1339	0.015	ppbv	98
118] 1,2-Dichlorobenzene(sim)	12.523	146	686m	0.018	ppbv	87
119] n-Butylbenzene(sim)	12.667	91	973	0.015	ppbv	99
120] 1,2,4-Trichlorobenzene...	13.661	180	423m	0.022	ppbv	57
121] Hexachlorobutadiene(sim)	14.001	225	670	0.023	ppbv	89

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_05.D
Acq On : 17 Mar 2026 4:37 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 18 16:08:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:40 2026
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_06.D
Acq On : 17 Mar 2026 5:09 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 18 15:38:42 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	134597	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	478982	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	202308	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	162528	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	478982	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	202308	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	241651	9.826	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.30%			
Target Compounds							Qvalue
2) Propylene	3.569	41	1080	0.117	ppbv#		67
3) Dichlorodifluoromethane	3.634	85	1128	0.023	ppbv#		85
4) Chloromethane	3.772	50	163	0.011	ppbv#		1
5) 1,2-Dichlorotetrafluor...	3.853	85	1946	0.025	ppbv#		86
6) Vinyl Chloride	3.958	62	640	0.029	ppbv		68
7) 1,3-Butadiene	4.064	54	530	0.036	ppbv#		77
8) Bromomethane	4.291	94	1095	0.037	ppbv#		72
9) Chloroethane	4.510	64	90	0.008	ppbv#		1
11) Ethanol	4.534	45	699	0.117	ppbv#		31
12) Acetone	4.877	43	2876	0.091	ppbv		94
13) Trichlorofluoromethane	4.988	101	1708	0.021	ppbv#		41
14) Isopropylalcohol	5.055	45	1870	0.055	ppbv#		57
15) Acrylonitrile	5.202	53	220	0.021	ppbv#		1
16) 1,1-Dichloroethene	5.433	61	1213	0.033	ppbv#		77
17) Methylene Chloride	5.510	49	2560	0.099	ppbv#		48
20) Carbon Disulfide	5.730	76	2627	0.036	ppbv#		85
21) Trichlorotrifluoroethane	5.683	101	1832	0.028	ppbv#		69
22) Trans-1,2-Dichloroethene	6.128	61	122	0.008	ppbv#		1
23) 1,1-Dichloroethane	6.266	63	464	0.023	ppbv#		50
24) Methyl tert-butyl ethe...	6.298	73	424	0.014	ppbv#		39
25) Methyl Ethyl Ketone	6.517	43	642	0.029	ppbv#		65
26) Cis-1,2-Dichloroethene	6.777	61	139	0.010	ppbv#		41
27) Hexane	6.907	57	249	0.017	ppbv#		71
28) Chloroform	6.971	83	610	0.022	ppbv#		62
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.182	42	212	0.018	ppbv#		43
31) 1,2-Dichloroethane	7.434	62	475	0.029	ppbv#		56
32) 1,1,1-Trichloroethane	7.596	97	537	0.020	ppbv#		46
33) Benzene	7.891	78	1149	0.032	ppbv#		57
34) Carbon Tetrachloride	7.960	117	462	0.019	ppbv#		71
35) Cyclohexane	8.064	84	1004	0.064	ppbv#		1
37) 1,2-dichloropropane	8.367	63	656	0.047	ppbv#		32
38) Bromodichloromethane	8.488	83	651	0.020	ppbv#		67
39) Trichloroethene	8.497	130	413	0.018	ppbv#		56
40) 2,2,4-trimethylpentane	8.514	57	1352	0.026	ppbv#		85
41) 1,4-Dioxane	0.000	88	0	0.000	ppbv		0
43) Heptane	8.626	43	367	0.019	ppbv#		61
44) cis-1,3-Dichloropropene	9.007	75	319	0.014	ppbv#		45
45) 4-Methyl-2-pentanone(M...	9.033	43	955	0.029	ppbv#		77
46) trans-1,3-Dichloropropene	9.316	75	373	0.022	ppbv#		46
47) 1,1,2-Trichloroethane	9.422	97	526	0.030	ppbv#		42
48) Toluene	9.581	91	1116	0.024	ppbv#		86

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_06.D
Acq On : 17 Mar 2026 5:09 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 18 15:38:42 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.839	129	243	0.008	ppbv#	1
50)	2-Hexanone(MBK)	9.725	43	846	0.032	ppbv#	64
51)	1,2-Dibromoethane(EDB)	9.975	107	477	0.016	ppbv#	78
52)	Tetrachloroethene	10.218	166	457	0.018	ppbv#	63
54)	1,1,1,2-Tetrachloroethane	10.593	131	460	0.024	ppbv#	69
55)	Chlorobenzene	10.602	112	1120	0.031	ppbv#	1
56)	Ethylbenzene	10.797	91	1201	0.023	ppbv	88
57)	m,p-Xylene	10.899	91	1761	0.045	ppbv#	90
58)	Bromoform	10.975	173	327	0.016	ppbv#	50
59)	Styrene	11.111	104	611	0.020	ppbv#	73
60)	1,1,2,2-Tetrachloroethane	11.153	83	930	0.026	ppbv#	86
61)	o-Xylene	11.162	91	902	0.022	ppbv	95
64)	Isopropylbenzene	11.484	105	1450	0.023	ppbv#	93
66)	4-Ethyltoluene	11.857	105	1461	0.024	ppbv#	75
67)	1,3,5-Trimethylbenzene	11.900	105	687	0.014	ppbv#	54
68)	1,2,4-Trimethylbenzene	12.146	105	1141	0.020	ppbv#	72
71)	Benzyl chloride	12.248	91	130	0.005	ppbv#	58
72)	1,3-Dichlorobenzene	12.265	146	1143	0.031	ppbv#	66
73)	1,4-Dichlorobenzene	12.299	146	581	0.016	ppbv#	67
74)	sec-Butylbenzene	12.316	105	2194	0.026	ppbv#	70
75)	4-Isopropyltoluene	12.401	119	1653	0.021	ppbv#	79
76)	1,2-Dichlorobenzene	12.520	146	791	0.024	ppbv#	78
77)	n-Butylbenzene	12.664	91	1578	0.026	ppbv#	77
78)	1,2,4-Trichlorobenzene	13.667	180	109	0.006	ppbv#	6
79)	Naphthalene	13.760	128	795	0.018	ppbv#	68
80)	Hexachlorobutadiene	13.998	225	778	0.038	ppbv#	53
82]	1,2-Dichlorotetrafluor...	3.856	85	2179m	0.023	ppbv	86
83]	Vinyl Chloride(sim)	3.961	62	659	0.023	ppbv#	86
84]	Bromomethane(sim)	4.294	94	907m	0.024	ppbv	70
85]	Trichlorofluoromethane...	4.991	101	2569	0.027	ppbv#	95
86]	1,2-Dichloroethane(sim)	7.437	62	465m	0.024	ppbv	56
87]	1,1,1-Trichloroethane(...	7.591	97	780	0.023	ppbv#	91
88]	Benzene(sim)	7.877	78	1193m	0.028	ppbv	56
89]	Carbon Tetrachloride(sim)	7.972	117	617	0.023	ppbv	97
90]	1,1-Dichloroethene(sim)	5.436	61	1111m	0.026	ppbv	77
91]	Trichlorotrifluoroetha...	5.680	101	2040	0.024	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.131	61	431m	0.025	ppbv	1
93]	1,1-Dichloroethane(sim)	6.253	63	647	0.025	ppbv#	97
94]	Cis-1,2-Dichloroethene...	6.788	61	431m	0.024	ppbv	41
95]	Chloroform(sim)	6.974	83	817	0.023	ppbv#	94
97]	1,2-dichloropropane(sim)	8.370	63	413	0.025	ppbv#	89
98]	Bromodichloromethane(sim)	8.491	83	685m	0.022	ppbv	68
99]	Trichloroethene(sim)	8.517	130	583	0.023	ppbv	97
100]	1,4-Dioxane(sim)	8.526	88	271m	0.035	ppbv	0
101]	cis-1,3-Dichloropropen...	9.010	75	526	0.023	ppbv	96
102]	1,1,2-Trichloroethane(...	9.417	97	464m	0.023	ppbv	29
103]	Dibromochloromethane(sim)	9.834	129	634	0.022	ppbv#	71
104]	1,2-Dibromoethane(EDB)...	9.971	107	723m	0.024	ppbv	25
105]	Tetrachloroethene(sim)	10.221	166	684	0.021	ppbv	93
107]	Bromoform(sim)	10.969	173	412	0.020	ppbv	89
108]	Ethylbenzene(sim)	10.800	91	1611m	0.027	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	2096	0.041	ppbv#	92
110]	1,1,2,2-Tetrachloroeth...	11.156	83	942m	0.023	ppbv	85
113]	Benzyl chloride(sim)	12.251	91	333	0.013	ppbv	92
114]	1,3-Dichlorobenzene(sim)	12.268	146	993m	0.023	ppbv	65

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_06.D
Acq On : 17 Mar 2026 5:09 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

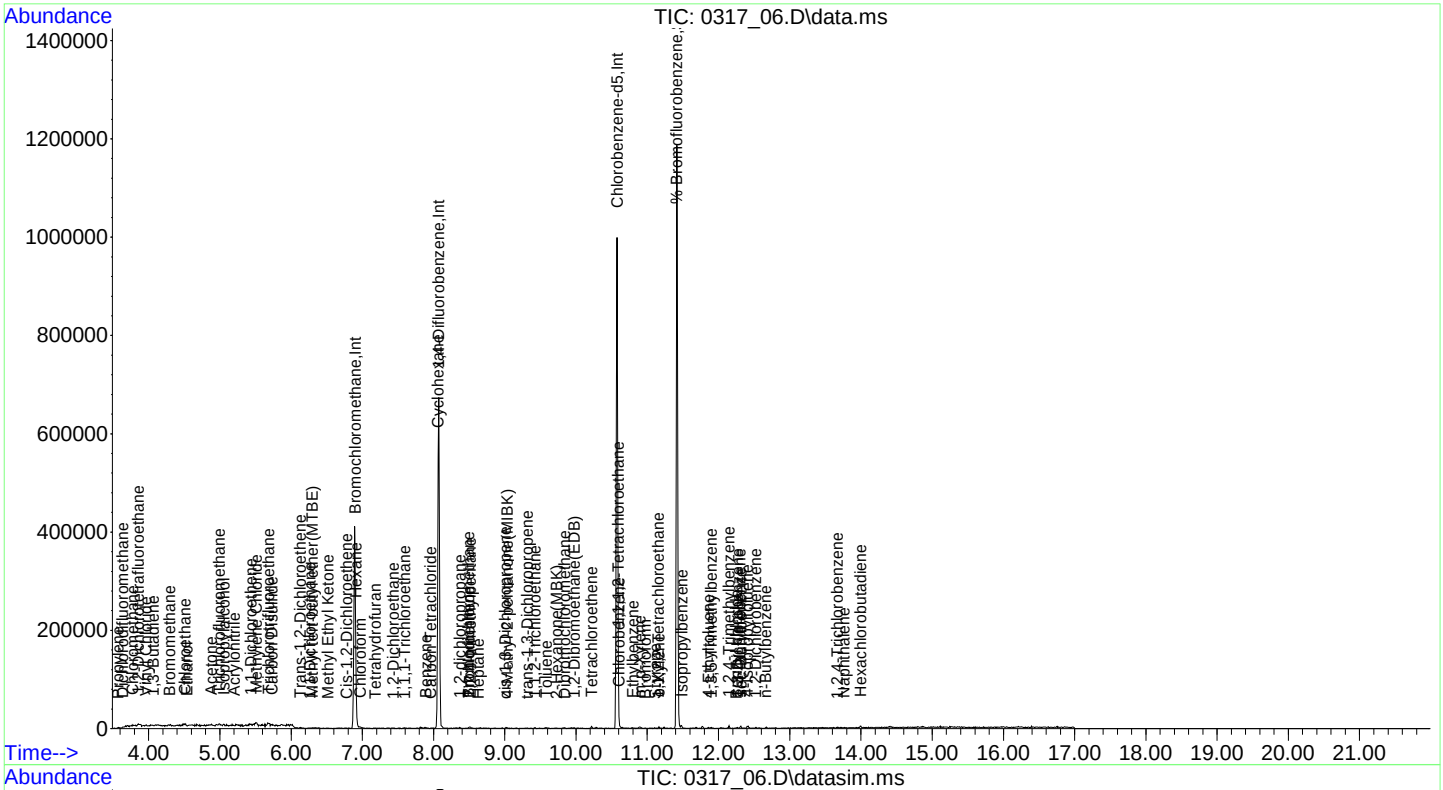
Quant Time: Mar 18 15:38:42 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

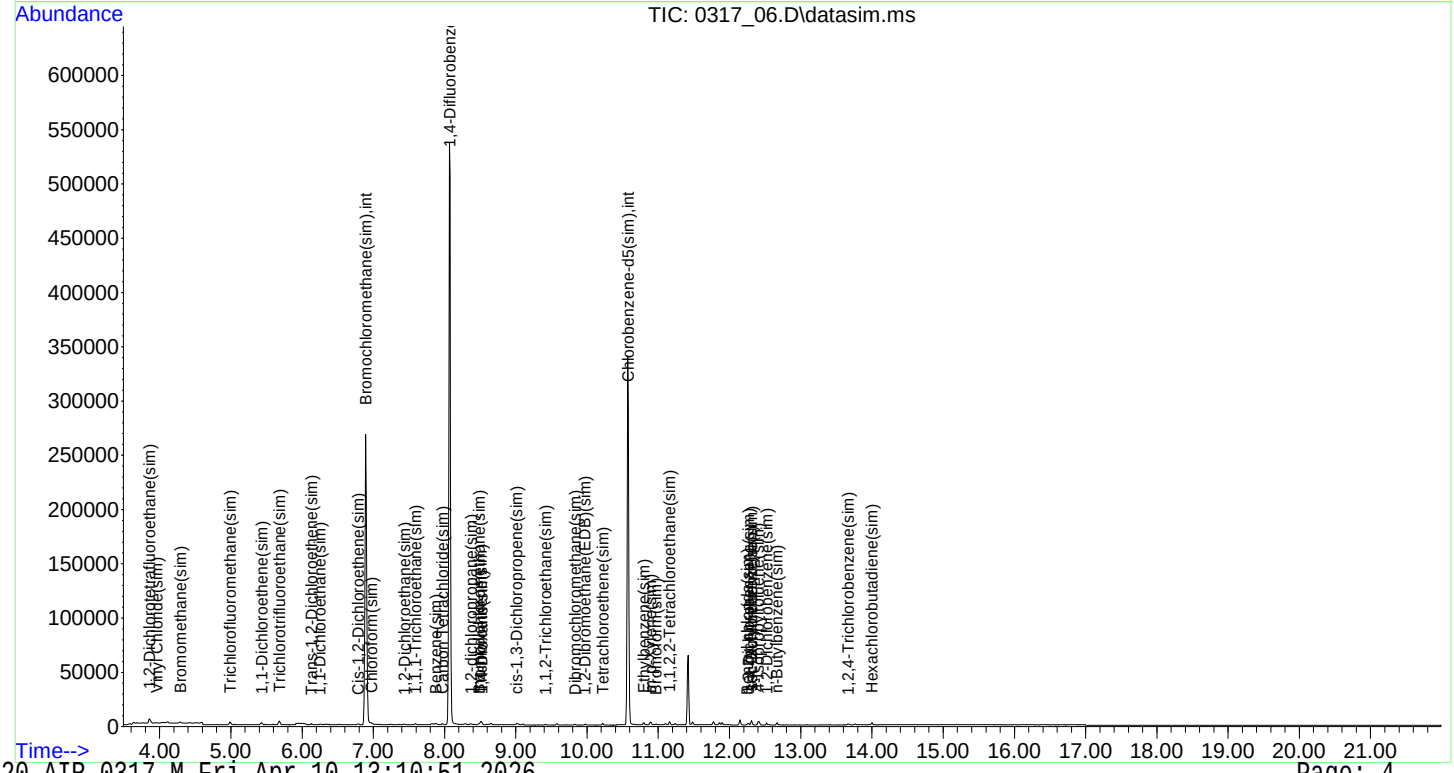
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.310	146	951	0.023	ppbv	96
116] sec-Butylbenzene(sim)	12.310	105	1896m	0.022	ppbv	70
117] 4-Isopropyltoluene(sim)	12.404	119	1937	0.023	ppbv	94
118] 1,2-Dichlorobenzene(sim)	12.523	146	1029m	0.027	ppbv	68
119] n-Butylbenzene(sim)	12.667	91	1294	0.021	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.669	180	498m	0.027	ppbv	4
121] Hexachlorobutadiene(sim)	14.001	225	903	0.032	ppbv	95

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_06.D
Acq On : 17 Mar 2026 5:09 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 18 15:38:42 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_07.D
Acq On : 17 Mar 2026 7:27 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 18 15:41:17 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	134259	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	479098	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	201608	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	163294	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	479098	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	201856	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	251704	10.271	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.70%				
Target Compounds							Qvalue
2) Propylene	3.577	41	450	0.049	ppbv	#	1
3) Dichlorodifluoromethane	3.634	85	2533	0.053	ppbv	#	68
4) Chloromethane	3.764	50	425	0.028	ppbv	#	1
5) 1,2-Dichlorotetrafluor...	3.861	85	3756	0.048	ppbv	#	79
6) Vinyl Chloride	3.966	62	936	0.043	ppbv	#	63
7) 1,3-Butadiene	4.064	54	242	0.017	ppbv	#	1
8) Bromomethane	4.307	94	1777	0.061	ppbv	#	84
9) Chloroethane	4.429	64	777	0.068	ppbv	#	65
11) Ethanol	4.510	45	184	0.031	ppbv	#	1
12) Acetone	4.871	43	3417	0.108	ppbv	#	81
13) Trichlorofluoromethane	4.994	101	3101	0.038	ppbv	#	90
14) Isopropylalcohol	5.061	45	3224	0.094	ppbv	#	96
15) Acrylonitrile	5.202	53	720	0.067	ppbv	#	34
16) 1,1-Dichloroethene	5.427	61	2013	0.054	ppbv	#	83
17) Methylene Chloride	5.510	49	2551	0.099	ppbv	#	19
20) Carbon Disulfide	5.718	76	4151	0.058	ppbv	#	86
21) Trichlorotrifluoroethane	5.689	101	2321	0.036	ppbv	#	78
22) Trans-1,2-Dichloroethene	6.128	61	451	0.031	ppbv	#	13
23) 1,1-Dichloroethane	6.258	63	819	0.041	ppbv	#	59
24) Methyl tert-butyl ethe...	6.314	73	1487	0.048	ppbv	#	69
25) Methyl Ethyl Ketone	6.525	43	1017	0.046	ppbv	#	70
26) Cis-1,2-Dichloroethene	6.793	61	166	0.011	ppbv	#	39
27) Hexane	6.906	57	715	0.049	ppbv	#	88
28) Chloroform	6.971	83	954	0.035	ppbv	#	69
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.255	42	566	0.049	ppbv	#	70
31) 1,2-Dichloroethane	7.434	62	355	0.022	ppbv	#	31
32) 1,1,1-Trichloroethane	7.612	97	1090	0.041	ppbv	#	67
33) Benzene	7.882	78	1769	0.050	ppbv		94
34) Carbon Tetrachloride	7.960	117	652	0.027	ppbv	#	52
35) Cyclohexane	8.064	84	1463	0.094	ppbv	#	1
37) 1,2-dichloropropane	8.367	63	443	0.032	ppbv	#	41
38) Bromodichloromethane	8.488	83	1125	0.035	ppbv		82
39) Trichloroethene	8.514	130	871	0.037	ppbv	#	62
40) 2,2,4-trimethylpentane	8.522	57	670	0.013	ppbv	#	1
41) 1,4-Dioxane	0.000	88	0	0.000	ppbv		0
43) Heptane	8.670	43	1142	0.059	ppbv	#	73
44) cis-1,3-Dichloropropene	9.016	75	1042	0.045	ppbv	#	45
45) 4-Methyl-2-pentanone(M...	9.024	43	1210	0.037	ppbv	#	73
46) trans-1,3-Dichloropropene	9.315	75	314	0.018	ppbv	#	57
47) 1,1,2-Trichloroethane	9.422	97	758	0.043	ppbv	#	70
48) Toluene	9.581	91	1423	0.030	ppbv	#	71

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_07.D
Acq On : 17 Mar 2026 7:27 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 18 15:41:17 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	909	0.031	ppbv#	89
50)	2-Hexanone(MBK)	9.710	43	1239	0.046	ppbv#	54
51)	1,2-Dibromoethane(EDB)	9.983	107	1171	0.039	ppbv#	45
52)	Tetrachloroethene	10.218	166	1112	0.044	ppbv#	84
54)	1,1,1,2-Tetrachloroethane	10.584	131	552	0.029	ppbv#	65
55)	Chlorobenzene	10.610	112	1251	0.035	ppbv#	1
56)	Ethylbenzene	10.797	91	2676	0.052	ppbv	81
57)	m,p-Xylene	10.898	91	3331	0.085	ppbv#	89
58)	Bromoform	10.966	173	493	0.025	ppbv#	62
59)	Styrene	11.102	104	1110	0.036	ppbv#	72
60)	1,1,2,2-Tetrachloroethane	11.161	83	1377	0.038	ppbv#	74
61)	o-Xylene	11.170	91	1489	0.036	ppbv#	55
64)	Isopropylbenzene	11.484	105	2255	0.036	ppbv	97
66)	4-Ethyltoluene	11.866	105	2451	0.040	ppbv#	84
67)	1,3,5-Trimethylbenzene	11.891	105	1850	0.039	ppbv#	88
68)	1,2,4-Trimethylbenzene	12.154	105	1533	0.027	ppbv#	90
71)	Benzyl chloride	12.256	91	615	0.026	ppbv#	58
72)	1,3-Dichlorobenzene	12.265	146	1614	0.044	ppbv#	76
73)	1,4-Dichlorobenzene	12.299	146	1041	0.028	ppbv#	71
74)	sec-Butylbenzene	12.316	105	2685	0.031	ppbv#	88
75)	4-Isopropyltoluene	12.409	119	2404	0.031	ppbv#	84
76)	1,2-Dichlorobenzene	12.528	146	1361	0.041	ppbv#	81
77)	n-Butylbenzene	12.672	91	1936	0.032	ppbv	98
78)	1,2,4-Trichlorobenzene	13.666	180	227	0.013	ppbv#	12
79)	Naphthalene	13.768	128	901	0.021	ppbv#	68
80)	Hexachlorobutadiene	13.998	225	1420	0.069	ppbv#	71
82]	1,2-Dichlorotetrafluor...	3.864	85	3395m	0.036	ppbv	77
83]	Vinyl Chloride(sim)	3.961	62	1024	0.035	ppbv	94
84]	Bromomethane(sim)	4.294	94	1489m	0.039	ppbv	83
85]	Trichlorofluoromethane...	4.997	101	3867	0.041	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.436	62	730m	0.037	ppbv	31
87]	1,1,1-Trichloroethane(...	7.591	97	1086	0.033	ppbv#	98
88]	Benzene(sim)	7.885	78	1680m	0.040	ppbv	93
89]	Carbon Tetrachloride(sim)	7.972	117	793	0.029	ppbv	87
90]	1,1-Dichloroethene(sim)	5.430	61	1709m	0.039	ppbv	87
91]	Trichlorotrifluoroetha...	5.686	101	3183	0.037	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.131	61	720m	0.041	ppbv	13
93]	1,1-Dichloroethane(sim)	6.261	63	867	0.033	ppbv#	88
94]	Cis-1,2-Dichloroethene...	6.788	61	716m	0.039	ppbv	39
95]	Chloroform(sim)	6.974	83	1201	0.033	ppbv	94
97]	1,2-dichloropropane(sim)	8.370	63	636	0.038	ppbv	92
98]	Bromodichloromethane(sim)	8.491	83	1056m	0.033	ppbv	61
99]	Trichloroethene(sim)	8.517	130	895	0.035	ppbv	94
100]	1,4-Dioxane(sim)	8.517	88	331m	0.043	ppbv	0
101]	cis-1,3-Dichloropropen...	9.010	75	762	0.034	ppbv#	91
102]	1,1,2-Trichloroethane(...	9.417	97	731m	0.037	ppbv	61
103]	Dibromochloromethane(sim)	9.834	129	906	0.031	ppbv	92
104]	1,2-Dibromoethane(EDB)...	9.970	107	1043m	0.035	ppbv	45
105]	Tetrachloroethene(sim)	10.221	166	1099	0.034	ppbv	94
107]	Bromoform(sim)	10.969	173	641	0.031	ppbv	93
108]	Ethylbenzene(sim)	10.799	91	2254m	0.038	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	3351	0.066	ppbv	93
110]	1,1,2,2-Tetrachloroeth...	11.156	83	1448m	0.035	ppbv	86
113]	Benzyl chloride(sim)	12.251	91	541	0.021	ppbv	89
114]	1,3-Dichlorobenzene(sim)	12.268	146	1501m	0.035	ppbv	63

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_07.D
Acq On : 17 Mar 2026 7:27 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

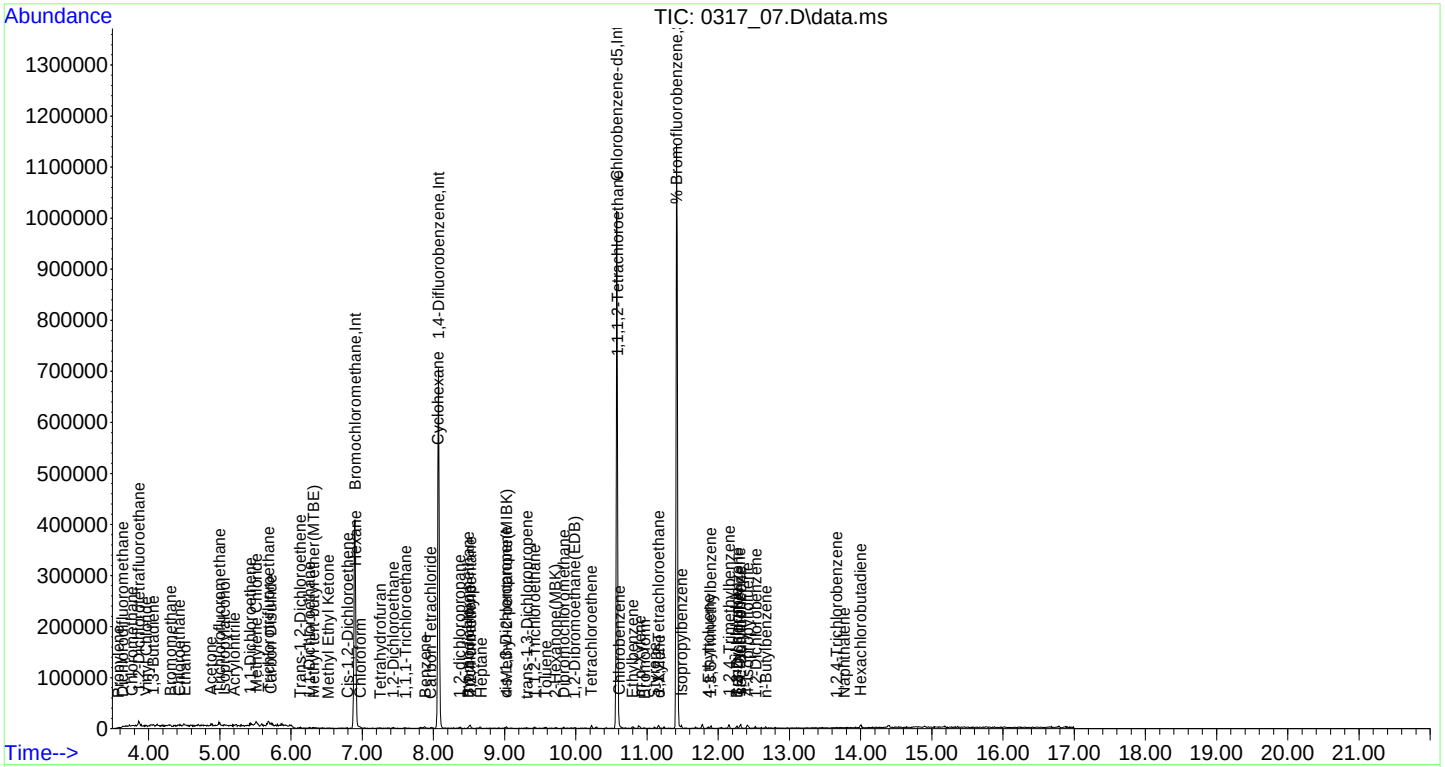
Quant Time: Mar 18 15:41:17 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

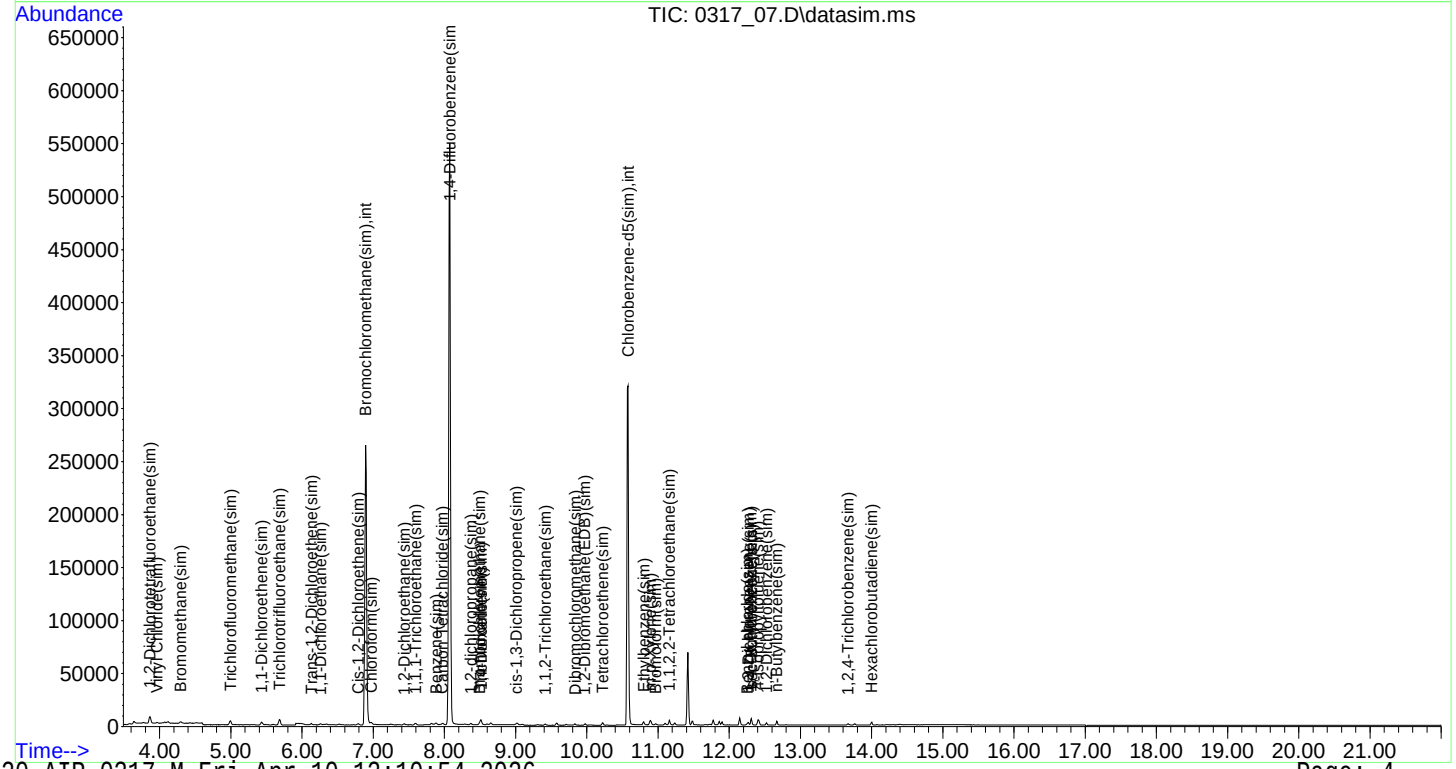
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	1509	0.037	ppbv	96
116] sec-Butylbenzene(sim)	12.310	105	3047m	0.035	ppbv	88
117] 4-Isopropyltoluene(sim)	12.403	119	2851	0.034	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.522	146	1395m	0.037	ppbv	48
119] n-Butylbenzene(sim)	12.667	91	2027	0.033	ppbv	97
120] 1,2,4-Trichlorobenzene...	13.669	180	615m	0.034	ppbv	12
121] Hexachlorobutadiene(sim)	14.001	225	1126	0.040	ppbv	95

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_07.D
Acq On : 17 Mar 2026 7:27 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 18 15:41:17 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_08.D
Acq On : 17 Mar 2026 8:02 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 18 15:44:02 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.899	130	128165	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	453995	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	193925	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	154290	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	454558	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	193925	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	233305	9.897	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.00%			
Target Compounds							Qvalue
2) Propylene	3.593	41	1029	0.117	ppbv#		43
3) Dichlorodifluoromethane	3.634	85	2832	0.062	ppbv		99
4) Chloromethane	3.780	50	1452	0.099	ppbv		76
5) 1,2-Dichlorotetrafluor...	3.861	85	4185	0.056	ppbv		94
6) Vinyl Chloride	3.967	62	1174	0.056	ppbv#		40
7) 1,3-Butadiene	4.080	54	1170	0.084	ppbv		85
8) Bromomethane	4.299	94	1817	0.065	ppbv#		80
9) Chloroethane	4.421	64	498	0.045	ppbv#		53
11) Ethanol	4.510	45	620	0.109	ppbv#		17
12) Acetone	4.883	43	4007	0.133	ppbv#		81
13) Trichlorofluoromethane	4.988	101	5064	0.064	ppbv		96
14) Isopropylalcohol	5.061	45	3605	0.110	ppbv#		82
15) Acrylonitrile	5.190	53	632	0.062	ppbv#		83
16) 1,1-Dichloroethene	5.439	61	2120	0.060	ppbv#		49
17) Methylene Chloride	5.504	49	4181	0.169	ppbv		90
20) Carbon Disulfide	5.725	76	4953	0.072	ppbv#		94
21) Trichlorotrifluoroethane	5.677	101	3742	0.060	ppbv#		76
22) Trans-1,2-Dichloroethene	6.128	61	797	0.057	ppbv#		87
23) 1,1-Dichloroethane	6.274	63	1181	0.062	ppbv		85
24) Methyl tert-butyl ethe...	6.307	73	1711	0.058	ppbv#		81
25) Methyl Ethyl Ketone	6.509	43	1112	0.052	ppbv#		91
26) Cis-1,2-Dichloroethene	6.801	61	776	0.056	ppbv#		78
27) Hexane	6.899	57	711	0.051	ppbv#		92
28) Chloroform	6.971	83	1662	0.063	ppbv		86
29) Ethyl acetate	6.915	61	144	0.043	ppbv#		81
30) Tetrahydrofuran	7.239	42	410	0.037	ppbv#		7
31) 1,2-Dichloroethane	7.434	62	858	0.056	ppbv#		72
32) 1,1,1-Trichloroethane	7.604	97	926	0.036	ppbv#		35
33) Benzene	7.874	78	2056	0.060	ppbv#		91
34) Carbon Tetrachloride	7.986	117	962	0.041	ppbv#		69
35) Cyclohexane	8.056	84	1240	0.083	ppbv#		1
37) 1,2-dichloropropane	8.376	63	764	0.058	ppbv#		83
38) Bromodichloromethane	8.488	83	1281	0.042	ppbv		90
39) Trichloroethene	8.505	130	1141	0.052	ppbv#		80
40) 2,2,4-trimethylpentane	8.514	57	2311	0.047	ppbv#		39
41) 1,4-Dioxane	8.514	88	427	0.050	ppbv#		35
43) Heptane	8.661	43	970	0.053	ppbv#		67
44) cis-1,3-Dichloropropene	9.007	75	784	0.035	ppbv#		45
45) 4-Methyl-2-pentanone(M...	9.024	43	1513	0.049	ppbv#		69
46) trans-1,3-Dichloropropene	9.300	75	963	0.060	ppbv#		60
47) 1,1,2-Trichloroethane	9.414	97	715	0.043	ppbv#		83
48) Toluene	9.581	91	2307	0.051	ppbv		90

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_08.D
Acq On : 17 Mar 2026 8:02 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 18 15:44:02 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	935	0.034	ppbv#	82
50) 2-Hexanone(MBK)	9.717	43	1164	0.046	ppbv#	72
51) 1,2-Dibromoethane(EDB)	9.968	107	1080	0.038	ppbv	92
52) Tetrachloroethene	10.218	166	1390	0.057	ppbv#	69
54) 1,1,1,2-Tetrachloroethane	10.585	131	881	0.048	ppbv	95
55) Chlorobenzene	10.602	112	2077	0.060	ppbv#	32
56) Ethylbenzene	10.797	91	2708	0.055	ppbv	96
57) m,p-Xylene	10.882	91	4250	0.113	ppbv	94
58) Bromoform	10.966	173	573	0.030	ppbv	94
59) Styrene	11.094	104	1260	0.043	ppbv#	84
60) 1,1,2,2-Tetrachloroethane	11.153	83	1561	0.045	ppbv#	83
61) o-Xylene	11.162	91	2474	0.062	ppbv#	84
64) Isopropylbenzene	11.484	105	3743	0.062	ppbv	98
66) 4-Ethyltoluene	11.857	105	2604	0.044	ppbv#	76
67) 1,3,5-Trimethylbenzene	11.900	105	1197	0.026	ppbv#	21
68) 1,2,4-Trimethylbenzene	12.146	105	2333	0.043	ppbv#	83
71) Benzyl chloride	12.248	91	354	0.015	ppbv#	33
72) 1,3-Dichlorobenzene	12.265	146	2092	0.060	ppbv#	80
73) 1,4-Dichlorobenzene	12.299	146	1144	0.032	ppbv#	79
74) sec-Butylbenzene	12.307	105	3145	0.038	ppbv#	86
75) 4-Isopropyltoluene	12.401	119	3356	0.045	ppbv	95
76) 1,2-Dichlorobenzene	12.511	146	1717	0.054	ppbv#	90
77) n-Butylbenzene	12.673	91	2360	0.041	ppbv	93
78) 1,2,4-Trichlorobenzene	13.658	180	143	0.009	ppbv#	1
79) Naphthalene	13.760	128	1429	0.034	ppbv#	77
80) Hexachlorobutadiene	13.998	225	643	0.032	ppbv#	30
82] 1,2-Dichlorotetrafluor...	3.864	85	4484m	0.050	ppbv	93
83] Vinyl Chloride(sim)	3.961	62	1288	0.047	ppbv#	84
84] Bromomethane(sim)	4.294	94	1876m	0.052	ppbv	16
85] Trichlorofluoromethane...	4.991	101	5209	0.059	ppbv#	98
86] 1,2-Dichloroethane(sim)	7.437	62	868m	0.047	ppbv	72
87] 1,1,1-Trichloroethane(...	7.591	97	1389	0.044	ppbv#	99
88] Benzene(sim)	7.877	78	2210m	0.055	ppbv	90
89] Carbon Tetrachloride(sim)	7.972	117	1107	0.043	ppbv	91
90] 1,1-Dichloroethene(sim)	5.430	61	2213m	0.054	ppbv	58
91] Trichlorotrifluoroetha...	5.680	101	4088	0.050	ppbv#	93
92] Trans-1,2-Dichloroethe...	6.123	61	957m	0.058	ppbv	87
93] 1,1-Dichloroethane(sim)	6.261	63	1195	0.049	ppbv#	95
94] Cis-1,2-Dichloroethene...	6.788	61	815m	0.048	ppbv	30
95] Chloroform(sim)	6.974	83	1630	0.048	ppbv	92
97] 1,2-dichloropropane(sim)	8.370	63	742	0.047	ppbv#	91
98] Bromodichloromethane(sim)	8.491	83	1389m	0.046	ppbv	91
99] Trichloroethene(sim)	8.517	130	1213	0.050	ppbv	93
100] 1,4-Dioxane(sim)	8.517	88	399m	0.054	ppbv	35
101] cis-1,3-Dichloropropen...	9.010	75	964	0.045	ppbv#	89
102] 1,1,2-Trichloroethane(...	9.417	97	993m	0.053	ppbv	62
103] Dibromochloromethane(sim)	9.827	129	1199	0.044	ppbv#	88
104] 1,2-Dibromoethane(EDB)...	9.971	107	1344m	0.047	ppbv	84
105] Tetrachloroethene(sim)	10.221	166	1479	0.048	ppbv	96
107] Bromoform(sim)	10.969	173	858	0.043	ppbv	94
108] Ethylbenzene(sim)	10.800	91	2934m	0.052	ppbv	100
109] m,p-Xylene(sim)	10.893	91	4485	0.091	ppbv	97
110] 1,1,2,2-Tetrachloroeth...	11.156	83	1821m	0.046	ppbv	59
113] Benzyl chloride(sim)	12.251	91	634	0.025	ppbv	95
114] 1,3-Dichlorobenzene(sim)	12.268	146	1963m	0.048	ppbv	68

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_08.D
Acq On : 17 Mar 2026 8:02 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

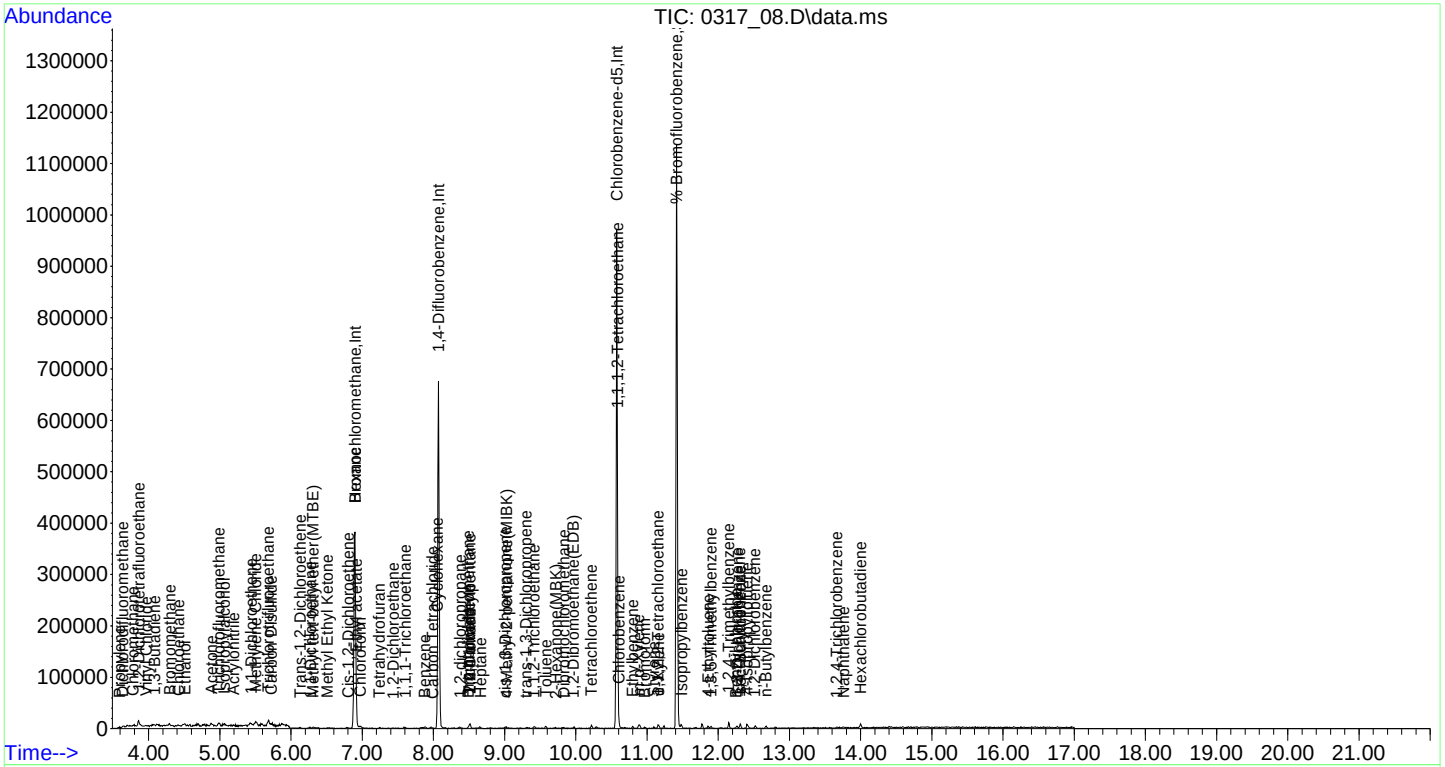
Quant Time: Mar 18 15:44:02 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

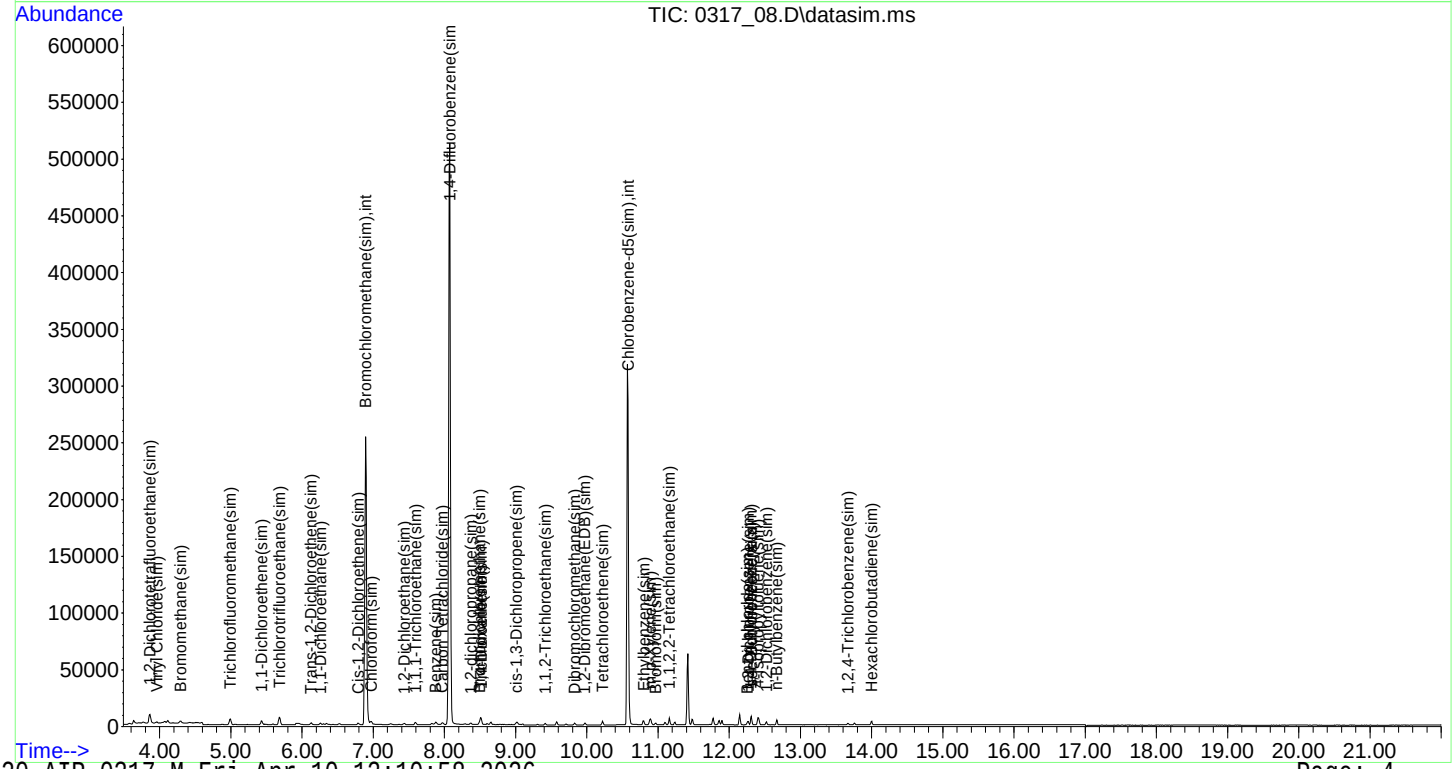
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	1853	0.047	ppbv	97
116] sec-Butylbenzene(sim)	12.310	105	3972m	0.047	ppbv	82
117] 4-Isopropyltoluene(sim)	12.404	119	3645	0.046	ppbv	97
118] 1,2-Dichlorobenzene(sim)	12.523	146	1789m	0.050	ppbv	94
119] n-Butylbenzene(sim)	12.667	91	2548	0.043	ppbv	99
120] 1,2,4-Trichlorobenzene...	13.669	180	719m	0.041	ppbv	0
121] Hexachlorobutadiene(sim)	14.001	225	1532	0.056	ppbv	97

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_08.D
Acq On : 17 Mar 2026 8:02 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 18 15:44:02 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_09.D
Acq On : 17 Mar 2026 8:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 18 15:48:04 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.899	130	127244	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	457843	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	182274	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	152357	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	457764	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	182079	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	230923	10.422	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.20%				
Target Compounds							Qvalue
2) Propylene	3.577	41	1630	0.187	ppbv#		62
3) Dichlorodifluoromethane	3.634	85	4559	0.100	ppbv		97
4) Chloromethane	3.772	50	2584	0.177	ppbv		72
5) 1,2-Dichlorotetrafluor...	3.861	85	8380	0.113	ppbv#		84
6) Vinyl Chloride	3.958	62	2639	0.127	ppbv		77
7) 1,3-Butadiene	4.072	54	1472	0.107	ppbv#		78
8) Bromomethane	4.283	94	3787	0.137	ppbv#		82
9) Chloroethane	4.421	64	1814	0.167	ppbv		85
11) Ethanol	4.486	45	115	0.020	ppbv#		1
12) Acetone	4.877	43	2584	0.086	ppbv#		86
13) Trichlorofluoromethane	4.994	101	3694	0.047	ppbv#		97
14) Isopropylalcohol	5.055	45	1444	0.045	ppbv#		98
15) Acrylonitrile	5.215	53	180	0.018	ppbv#		34
16) 1,1-Dichloroethene	5.427	61	2205	0.063	ppbv		89
17) Methylene Chloride	5.516	49	2428	0.099	ppbv		93
20) Carbon Disulfide	5.725	76	3100	0.045	ppbv#		76
21) Trichlorotrifluoroethane	5.683	101	3639	0.059	ppbv#		76
22) Trans-1,2-Dichloroethene	6.128	61	1388	0.100	ppbv#		59
23) 1,1-Dichloroethane	6.258	63	2753	0.146	ppbv		89
24) Methyl tert-butyl ethe...	6.298	73	1055	0.036	ppbv#		10
25) Methyl Ethyl Ketone	6.485	43	94	0.004	ppbv#		65
26) Cis-1,2-Dichloroethene	6.777	61	1193	0.087	ppbv#		59
27) Hexane	6.907	57	1035	0.075	ppbv#		7
28) Chloroform	6.972	83	3196	0.123	ppbv		88
29) Ethyl acetate	6.915	61	78	0.023	ppbv#		26
30) Tetrahydrofuran	7.247	42	1421	0.131	ppbv#		72
31) 1,2-Dichloroethane	7.434	62	1294	0.085	ppbv#		64
32) 1,1,1-Trichloroethane	7.588	97	2166	0.085	ppbv#		57
33) Benzene	7.883	78	4182	0.123	ppbv#		94
34) Carbon Tetrachloride	7.978	117	2294	0.099	ppbv		93
35) Cyclohexane	8.056	84	2116	0.143	ppbv#		45
37) 1,2-dichloropropane	8.376	63	1271	0.095	ppbv#		56
38) Bromodichloromethane	8.488	83	2829	0.092	ppbv		83
39) Trichloroethene	8.505	130	1803	0.081	ppbv		90
40) 2,2,4-trimethylpentane	8.514	57	4641	0.094	ppbv#		67
41) 1,4-Dioxane	8.523	88	414	0.048	ppbv#		64
43) Heptane	8.652	43	1892	0.102	ppbv#		81
44) cis-1,3-Dichloropropene	9.007	75	1663	0.074	ppbv		79
45) 4-Methyl-2-pentanone(M...	9.016	43	2569	0.082	ppbv#		88
46) trans-1,3-Dichloropropene	9.300	75	1337	0.082	ppbv#		67
47) 1,1,2-Trichloroethane	9.422	97	2185	0.129	ppbv#		51
48) Toluene	9.581	91	4354	0.096	ppbv#		91

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_09.D
Acq On : 17 Mar 2026 8:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 18 15:48:04 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.824	129	2398	0.085	ppbv#	73
50)	2-Hexanone(MBK)	9.710	43	2159	0.085	ppbv#	84
51)	1,2-Dibromoethane(EDB)	9.975	107	2829	0.099	ppbv	82
52)	Tetrachloroethene	10.218	166	2246	0.092	ppbv#	77
54)	1,1,1,2-Tetrachloroethane	10.585	131	1644	0.095	ppbv#	78
55)	Chlorobenzene	10.602	112	3702	0.113	ppbv#	1
56)	Ethylbenzene	10.797	91	5059	0.109	ppbv	88
57)	m,p-Xylene	10.882	91	7804	0.220	ppbv#	84
58)	Bromoform	10.958	173	1053	0.059	ppbv	93
59)	Styrene	11.102	104	2561	0.092	ppbv	92
60)	1,1,2,2-Tetrachloroethane	11.153	83	3288	0.101	ppbv	89
61)	o-Xylene	11.162	91	3252	0.086	ppbv	92
64)	Isopropylbenzene	11.484	105	7083	0.125	ppbv	94
66)	4-Ethyltoluene	11.857	105	5490	0.099	ppbv	92
67)	1,3,5-Trimethylbenzene	11.900	105	4856	0.113	ppbv	94
68)	1,2,4-Trimethylbenzene	12.146	105	4181	0.081	ppbv#	90
71)	Benzyl chloride	12.248	91	1025	0.048	ppbv#	82
72)	1,3-Dichlorobenzene	12.265	146	3903	0.118	ppbv	96
73)	1,4-Dichlorobenzene	12.299	146	2762	0.082	ppbv#	89
74)	sec-Butylbenzene	12.316	105	6506	0.084	ppbv#	88
75)	4-Isopropyltoluene	12.401	119	6576	0.093	ppbv#	86
76)	1,2-Dichlorobenzene	12.520	146	3004	0.101	ppbv#	79
77)	n-Butylbenzene	12.664	91	4978	0.091	ppbv	94
78)	1,2,4-Trichlorobenzene	13.667	180	1195	0.078	ppbv#	79
79)	Naphthalene	13.760	128	1810	0.046	ppbv#	92
80)	Hexachlorobutadiene	13.998	225	1672	0.090	ppbv#	77
82]	1,2-Dichlorotetrafluor...	3.861	85	8380	0.094	ppbv#	84
83]	Vinyl Chloride(sim)	3.961	62	2620	0.096	ppbv	92
84]	Bromomethane(sim)	4.294	94	3639m	0.102	ppbv	83
85]	Trichlorofluoromethane...	4.991	101	4505	0.051	ppbv#	94
86]	1,2-Dichloroethane(sim)	7.437	62	1846m	0.100	ppbv	64
87]	1,1,1-Trichloroethane(...	7.591	97	2989	0.096	ppbv#	95
88]	Benzene(sim)	7.877	78	4035m	0.103	ppbv	93
89]	Carbon Tetrachloride(sim)	7.972	117	2393	0.095	ppbv	99
90]	1,1-Dichloroethene(sim)	5.436	61	2064m	0.051	ppbv	74
91]	Trichlorotrifluoroetha...	5.686	101	3357	0.042	ppbv#	93
92]	Trans-1,2-Dichloroethe...	6.131	61	1687m	0.104	ppbv	59
93]	1,1-Dichloroethane(sim)	6.261	63	2333	0.097	ppbv#	93
94]	Cis-1,2-Dichloroethene...	6.788	61	1610m	0.095	ppbv	64
95]	Chloroform(sim)	6.974	83	3311	0.099	ppbv	97
97]	1,2-dichloropropane(sim)	8.370	63	1561	0.099	ppbv	86
98]	Bromodichloromethane(sim)	8.491	83	2856m	0.094	ppbv	76
99]	Trichloroethene(sim)	8.517	130	2516	0.102	ppbv	91
100]	1,4-Dioxane(sim)	8.517	88	790m	0.107	ppbv	64
101]	cis-1,3-Dichloropropen...	9.010	75	2041	0.094	ppbv	99
102]	1,1,2-Trichloroethane(...	9.417	97	1950m	0.103	ppbv	45
103]	Dibromochloromethane(sim)	9.827	129	2480	0.090	ppbv	97
104]	1,2-Dibromoethane(EDB)...	9.971	107	2813m	0.098	ppbv	76
105]	Tetrachloroethene(sim)	10.221	166	2933	0.095	ppbv	97
107]	Bromoform(sim)	10.969	173	1807	0.096	ppbv	99
108]	Ethylbenzene(sim)	10.797	91	5059	0.095	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	9138	0.199	ppbv	96
110]	1,1,2,2-Tetrachloroeth...	11.156	83	3719m	0.101	ppbv	94
113]	Benzyl chloride(sim)	12.242	91	1214	0.051	ppbv	97
114]	1,3-Dichlorobenzene(sim)	12.265	146	3903	0.101	ppbv	98

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_09.D
Acq On : 17 Mar 2026 8:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

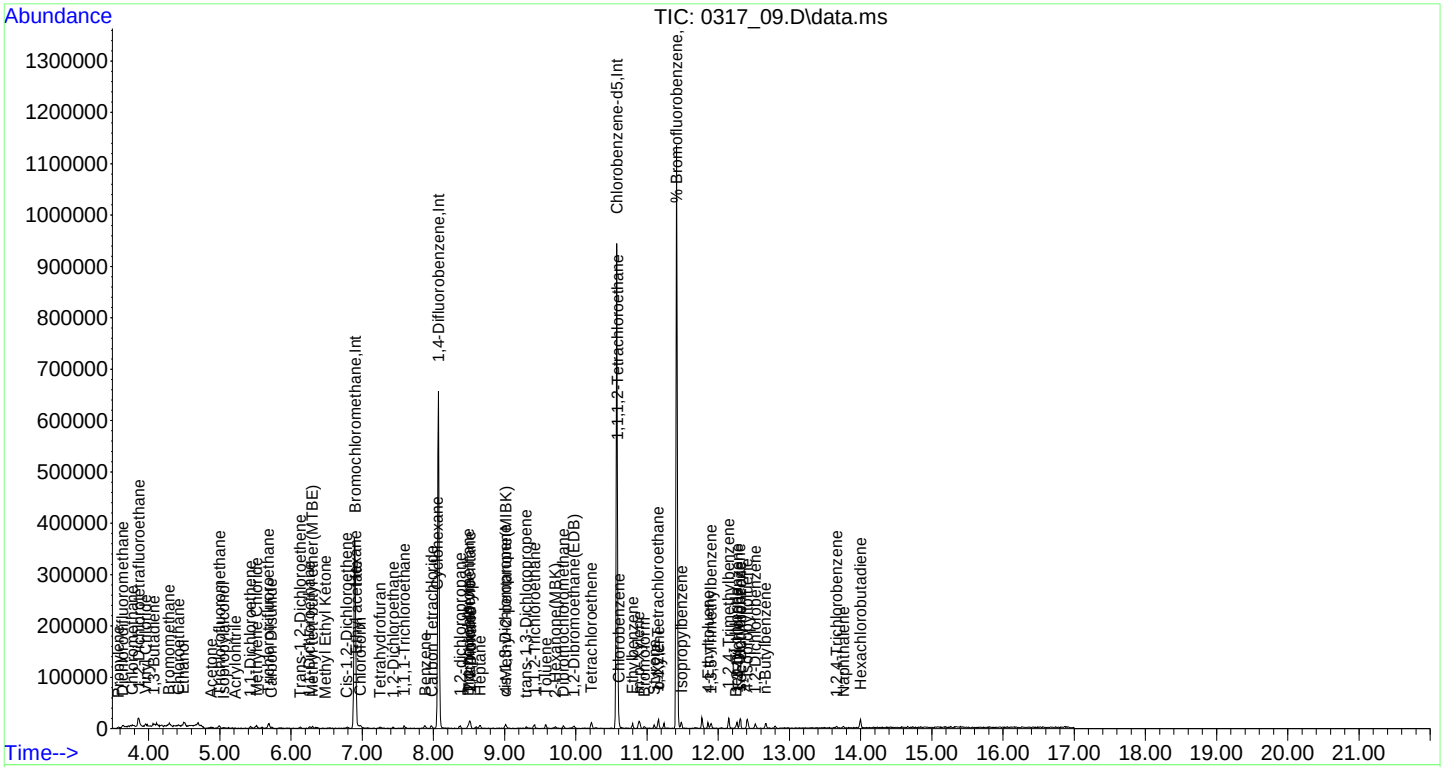
Quant Time: Mar 18 15:48:04 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

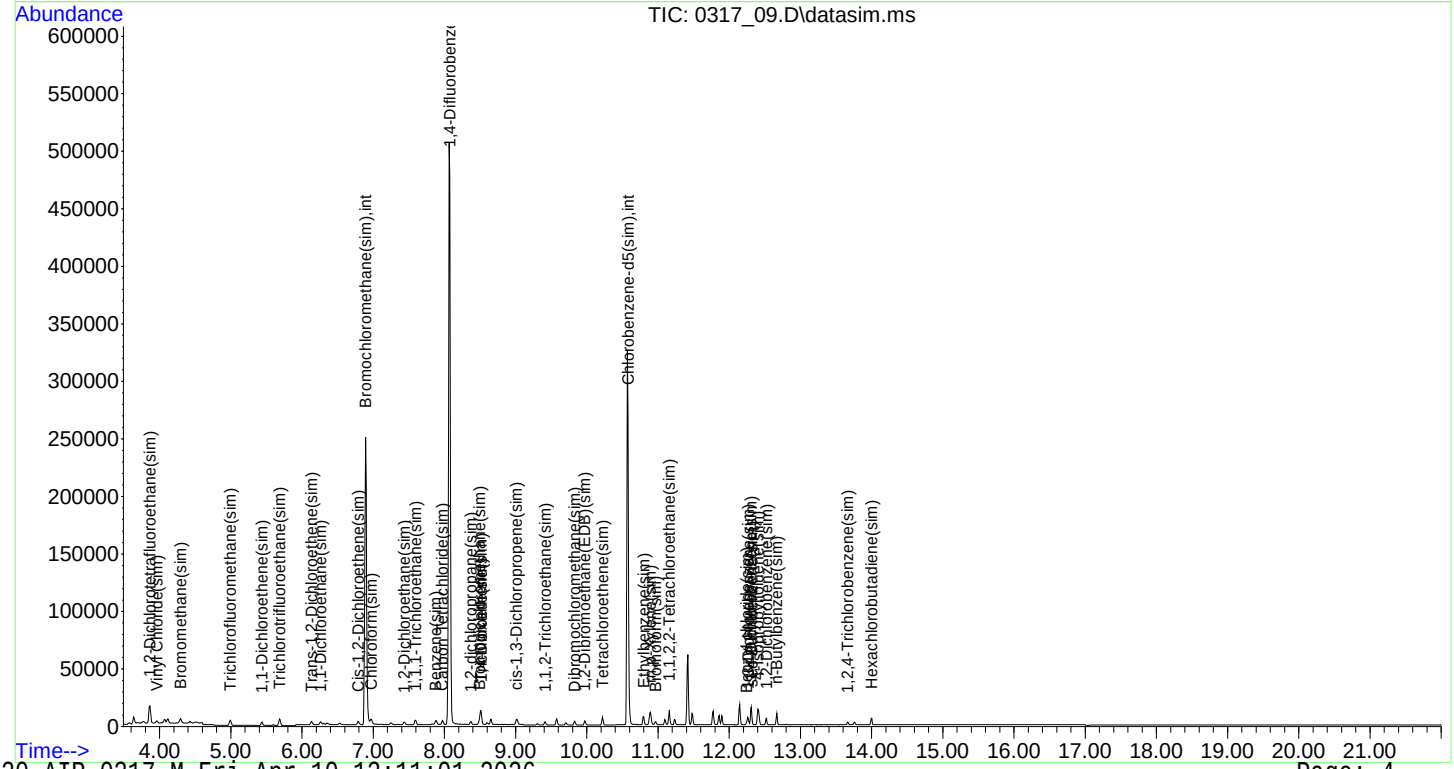
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	3725	0.100	ppbv	96
116] sec-Butylbenzene(sim)	12.316	105	6506	0.083	ppbv	87
117] 4-Isopropyltoluene(sim)	12.404	119	7500	0.100	ppbv	97
118] 1,2-Dichlorobenzene(sim)	12.523	146	3781m	0.112	ppbv	83
119] n-Butylbenzene(sim)	12.667	91	5399	0.097	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.661	180	1307m	0.080	ppbv	71
121] Hexachlorobutadiene(sim)	14.001	225	2701	0.106	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_09.D
Acq On : 17 Mar 2026 8:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 18 15:48:04 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_10.D
Acq On : 17 Mar 2026 9:06 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 18 16:12:53 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.890	130	121896	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	446060	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	185414	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	150449	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	445220	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	185978	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	226536	10.051	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.50%				
Target Compounds							Qvalue
2) Propylene	3.569	41	2435m	0.292	ppbv		85
3) Dichlorodifluoromethane	3.626	85	9551	0.219	ppbv#		90
4) Chloromethane	3.764	50	3161	0.226	ppbv		99
5) 1,2-Dichlorotetrafluor...	3.861	85	15369	0.217	ppbv		93
6) Vinyl Chloride	3.958	62	4831	0.242	ppbv#		58
7) 1,3-Butadiene	4.072	54	3477	0.264	ppbv		91
8) Bromomethane	4.283	94	6439	0.243	ppbv#		95
9) Chloroethane	4.429	64	2859	0.275	ppbv		82
11) Ethanol	4.526	45	1390	0.256	ppbv#		74
12) Acetone	4.877	43	6573	0.229	ppbv#		65
13) Trichlorofluoromethane	4.994	101	15727	0.210	ppbv#		96
14) Isopropylalcohol	5.055	45	7920m	0.255	ppbv		1
15) Acrylonitrile	5.196	53	2574	0.266	ppbv#		74
16) 1,1-Dichloroethene	5.427	61	8150	0.242	ppbv#		71
17) Methylene Chloride	5.516	49	6883	0.293	ppbv#		57
20) Carbon Disulfide	5.713	76	9594	0.147	ppbv#		83
21) Trichlorotrifluoroethane	5.677	101	13227	0.223	ppbv		87
22) Trans-1,2-Dichloroethene	6.128	61	3121	0.234	ppbv#		87
23) 1,1-Dichloroethane	6.258	63	4134	0.230	ppbv		95
24) Methyl tert-butyl ethe...	6.298	73	5487	0.196	ppbv		94
25) Methyl Ethyl Ketone	6.517	43	4734	0.234	ppbv		95
26) Cis-1,2-Dichloroethene	6.793	61	2980	0.226	ppbv#		86
27) Hexane	6.898	57	2762	0.208	ppbv#		96
28) Chloroform	6.971	83	5179	0.208	ppbv		94
29) Ethyl acetate	6.907	61	699	0.217	ppbv#		57
30) Tetrahydrofuran	7.255	42	2498	0.240	ppbv		90
31) 1,2-Dichloroethane	7.434	62	3461	0.237	ppbv		94
32) 1,1,1-Trichloroethane	7.588	97	5573	0.228	ppbv#		86
33) Benzene	7.882	78	7585	0.234	ppbv#		83
34) Carbon Tetrachloride	7.969	117	3954	0.178	ppbv		98
35) Cyclohexane	8.047	84	3760	0.266	ppbv#		85
37) 1,2-dichloropropane	8.376	63	2936	0.226	ppbv		96
38) Bromodichloromethane	8.497	83	4818	0.161	ppbv		94
39) Trichloroethene	8.505	130	3600	0.166	ppbv		96
40) 2,2,4-trimethylpentane	8.514	57	9132	0.189	ppbv		95
41) 1,4-Dioxane	8.514	88	1426	0.169	ppbv#		91
43) Heptane	8.652	43	4414	0.244	ppbv#		96
44) cis-1,3-Dichloropropene	8.998	75	3403	0.156	ppbv		83
45) 4-Methyl-2-pentanone(M...	9.016	43	5282	0.172	ppbv#		95
46) trans-1,3-Dichloropropene	9.308	75	2799	0.176	ppbv#		87
47) 1,1,2-Trichloroethane	9.414	97	3090	0.187	ppbv		92
48) Toluene	9.581	91	7954	0.181	ppbv		98

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_10.D
Acq On : 17 Mar 2026 9:06 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 18 16:12:53 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	3896	0.142	ppbv	89
50)	2-Hexanone(MBK)	9.702	43	4602	0.185	ppbv#	97
51)	1,2-Dibromoethane(EDB)	9.968	107	5464	0.196	ppbv	87
52)	Tetrachloroethene	10.218	166	4461	0.188	ppbv#	88
54)	1,1,1,2-Tetrachloroethane	10.585	131	2799	0.160	ppbv#	80
55)	Chlorobenzene	10.602	112	7179	0.215	ppbv#	57
56)	Ethylbenzene	10.797	91	9522	0.202	ppbv	90
57)	m,p-Xylene	10.890	91	13626	0.378	ppbv	89
58)	Bromoform	10.958	173	2410	0.132	ppbv#	83
59)	Styrene	11.102	104	5094	0.181	ppbv	91
60)	1,1,2,2-Tetrachloroethane	11.162	83	5854	0.177	ppbv	98
61)	o-Xylene	11.162	91	7190	0.187	ppbv#	92
64)	Isopropylbenzene	11.484	105	12546	0.217	ppbv	97
66)	4-Ethyltoluene	11.857	105	11118	0.197	ppbv#	97
67)	1,3,5-Trimethylbenzene	11.900	105	7819	0.179	ppbv#	89
68)	1,2,4-Trimethylbenzene	12.146	105	8542	0.164	ppbv	93
71)	Benzyl chloride	12.248	91	2589	0.119	ppbv#	82
72)	1,3-Dichlorobenzene	12.265	146	6149	0.183	ppbv	97
73)	1,4-Dichlorobenzene	12.299	146	5228	0.153	ppbv	99
74)	sec-Butylbenzene	12.316	105	13105	0.167	ppbv#	95
75)	4-Isopropyltoluene	12.401	119	11423	0.159	ppbv#	92
76)	1,2-Dichlorobenzene	12.520	146	4943	0.163	ppbv#	92
77)	n-Butylbenzene	12.664	91	9478	0.170	ppbv	92
78)	1,2,4-Trichlorobenzene	13.667	180	1625	0.104	ppbv#	79
79)	Naphthalene	13.752	128	4065	0.101	ppbv#	92
80)	Hexachlorobutadiene	13.998	225	2878	0.152	ppbv	77
82]	1,2-Dichlorotetrafluor...	3.861	85	15369	0.175	ppbv	93
83]	Vinyl Chloride(sim)	3.961	62	4801	0.179	ppbv	95
84]	Bromomethane(sim)	4.283	94	6439	0.182	ppbv#	94
85]	Trichlorofluoromethane...	4.991	101	19534	0.226	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.437	62	3342m	0.184	ppbv	94
87]	1,1,1-Trichloroethane(...	7.591	97	5502	0.179	ppbv#	95
88]	Benzene(sim)	7.882	78	7585	0.195	ppbv#	82
89]	Carbon Tetrachloride(sim)	7.972	117	4341	0.174	ppbv	96
90]	1,1-Dichloroethene(sim)	5.427	61	8150	0.204	ppbv#	71
91]	Trichlorotrifluoroetha...	5.680	101	15646	0.198	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.128	61	3121	0.195	ppbv#	87
93]	1,1-Dichloroethane(sim)	6.261	63	4630	0.194	ppbv	96
94]	Cis-1,2-Dichloroethene...	6.793	61	2980	0.178	ppbv#	86
95]	Chloroform(sim)	6.974	83	6072	0.183	ppbv	97
97]	1,2-dichloropropane(sim)	8.370	63	2809	0.183	ppbv	90
98]	Bromodichloromethane(sim)	8.497	83	4818	0.163	ppbv	75
99]	Trichloroethene(sim)	8.508	130	4494	0.187	ppbv	93
100]	1,4-Dioxane(sim)	8.517	88	1328m	0.184	ppbv	91
101]	cis-1,3-Dichloropropen...	9.001	75	3911	0.186	ppbv	98
102]	1,1,2-Trichloroethane(...	9.414	97	3291	0.179	ppbv#	65
103]	Dibromochloromethane(sim)	9.826	129	4631	0.172	ppbv	96
104]	1,2-Dibromoethane(EDB)...	9.968	107	5217	0.187	ppbv	90
105]	Tetrachloroethene(sim)	10.221	166	5476	0.183	ppbv	95
107]	Bromoform(sim)	10.969	173	3327	0.174	ppbv	97
108]	Ethylbenzene(sim)	10.797	91	9522	0.176	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	17150	0.365	ppbv	96
110]	1,1,2,2-Tetrachloroeth...	11.162	83	5854	0.156	ppbv	98
113]	Benzyl chloride(sim)	12.242	91	2503	0.103	ppbv	93
114]	1,3-Dichlorobenzene(sim)	12.265	146	6149	0.156	ppbv	96

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_10.D
Acq On : 17 Mar 2026 9:06 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

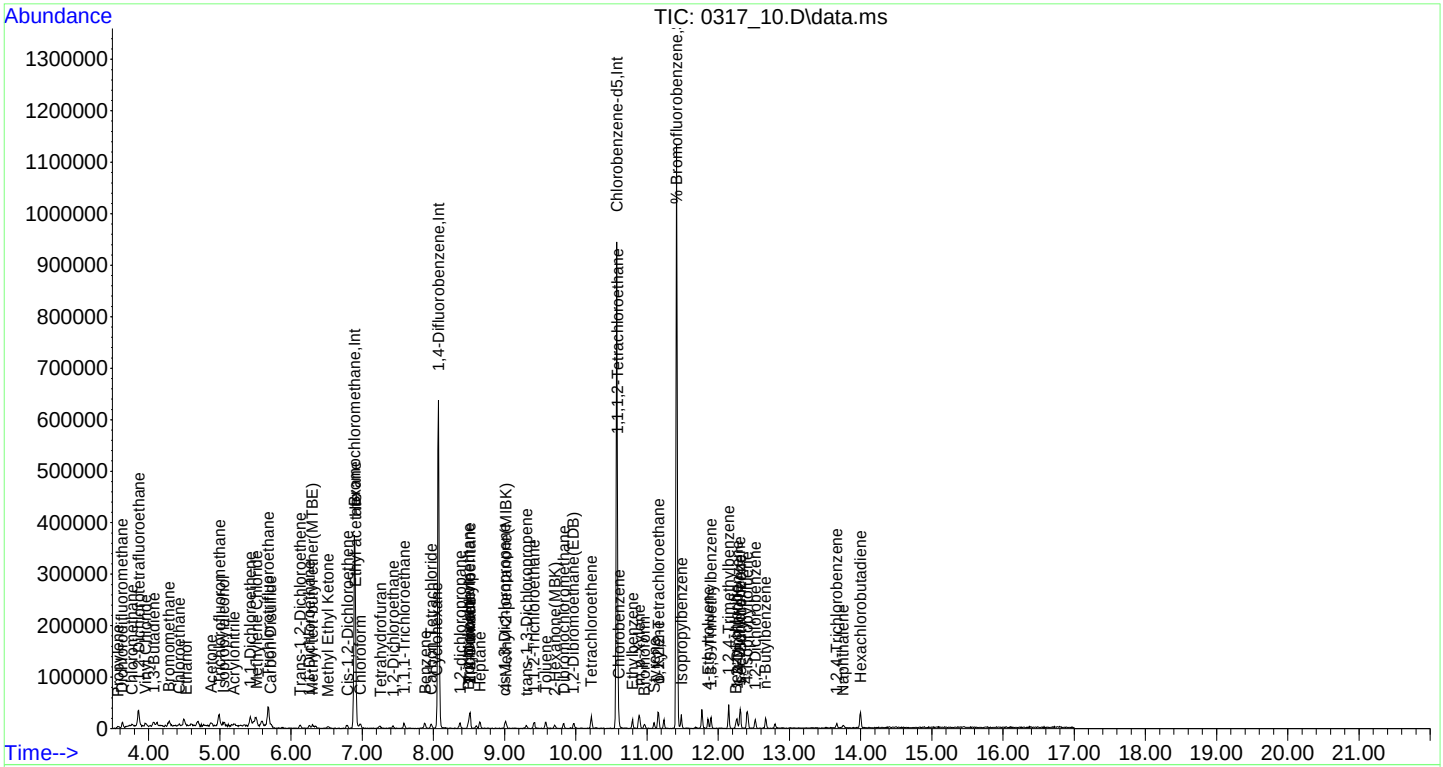
Quant Time: Mar 18 16:12:53 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

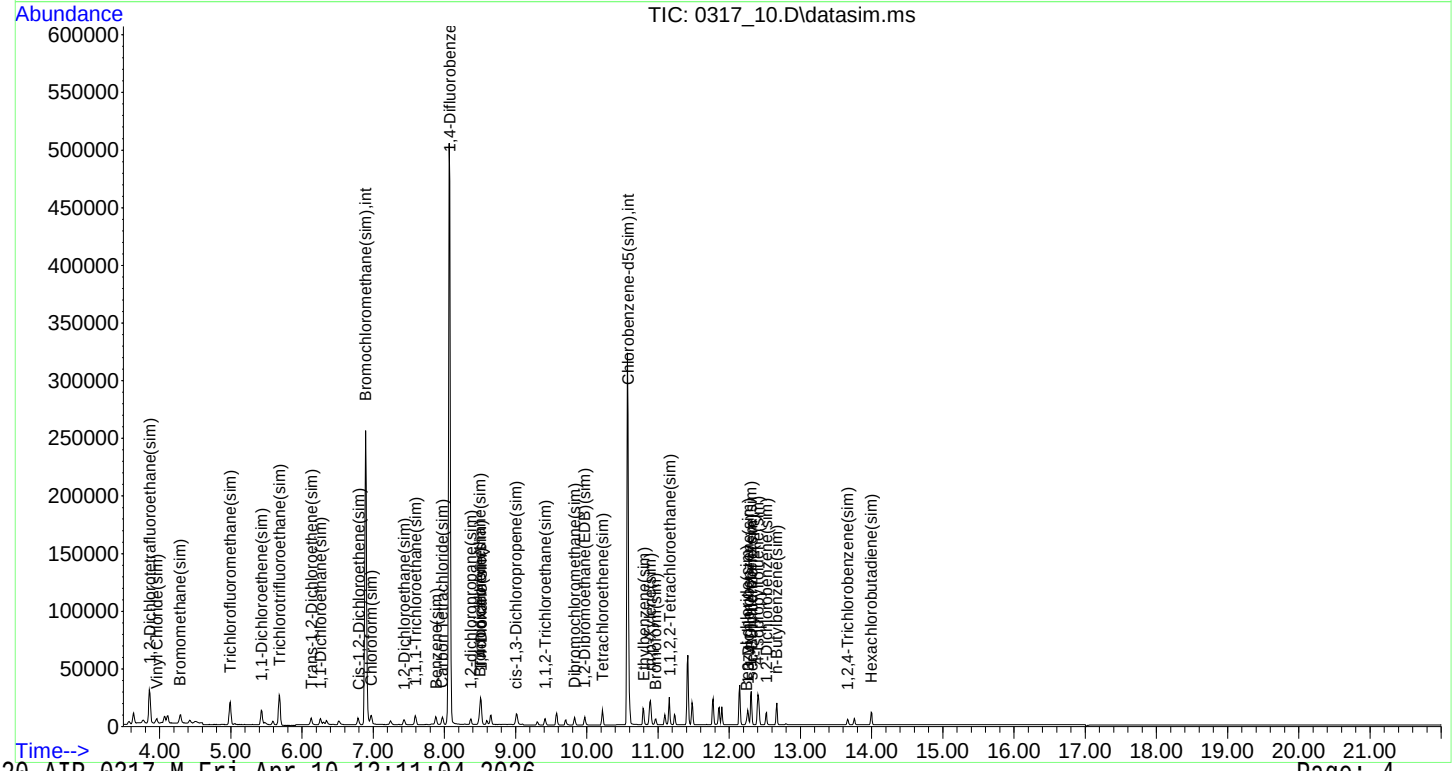
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	7198	0.190	ppbv	97
116] sec-Butylbenzene(sim)	12.316	105	13105	0.163	ppbv	95
117] 4-Isopropyltoluene(sim)	12.404	119	14673	0.191	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.520	146	4943	0.143	ppbv	90
119] n-Butylbenzene(sim)	12.667	91	10542	0.186	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.661	180	2718m	0.162	ppbv	82
121] Hexachlorobutadiene(sim)	13.992	225	5033	0.193	ppbv	99

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_10.D
Acq On : 17 Mar 2026 9:06 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 18 16:12:53 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_11.D
Acq On : 17 Mar 2026 9:40 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 16:13:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	125193	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	446387	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	184811	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	150819	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	447691	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	185037	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	229936	10.235	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.40%				
Target Compounds							Qvalue
2) Propylene	3.577	41	4713	0.551	ppbv	#	79
3) Dichlorodifluoromethane	3.634	85	22165	0.494	ppbv		98
4) Chloromethane	3.772	50	7199	0.502	ppbv		98
5) 1,2-Dichlorotetrafluor...	3.853	85	36378	0.501	ppbv	#	89
6) Vinyl Chloride	3.958	62	10525	0.514	ppbv		100
7) 1,3-Butadiene	4.072	54	7217	0.533	ppbv		93
8) Bromomethane	4.283	94	13673	0.502	ppbv		95
9) Chloroethane	4.429	64	4826	0.451	ppbv		79
11) Ethanol	4.518	45	3399	0.609	ppbv		92
12) Acetone	4.871	43	15992	0.542	ppbv	#	81
13) Trichlorofluoromethane	4.987	101	39634	0.515	ppbv		93
14) Isopropylalcohol	5.055	45	17372	0.545	ppbv	#	86
15) Acrylonitrile	5.190	53	5586	0.561	ppbv	#	72
16) 1,1-Dichloroethene	5.427	61	16876	0.489	ppbv	#	64
17) Methylene Chloride	5.510	49	13904	0.576	ppbv	#	60
20) Carbon Disulfide	5.724	76	37497	0.559	ppbv	#	94
21) Trichlorotrifluoroethane	5.677	101	31769	0.522	ppbv	#	83
22) Trans-1,2-Dichloroethene	6.128	61	6895	0.502	ppbv	#	75
23) 1,1-Dichloroethane	6.258	63	9239	0.500	ppbv		89
24) Methyl tert-butyl ethe...	6.298	73	14313	0.498	ppbv	#	89
25) Methyl Ethyl Ketone	6.517	43	11078	0.533	ppbv	#	93
26) Cis-1,2-Dichloroethene	6.785	61	6760	0.499	ppbv	#	77
27) Hexane	6.898	57	6231	0.457	ppbv	#	87
28) Chloroform	6.971	83	13519	0.529	ppbv		93
29) Ethyl acetate	6.915	61	1526	0.462	ppbv	#	88
30) Tetrahydrofuran	7.239	42	4744	0.443	ppbv	#	78
31) 1,2-Dichloroethane	7.434	62	6677	0.445	ppbv		96
32) 1,1,1-Trichloroethane	7.588	97	11447	0.457	ppbv		97
33) Benzene	7.874	78	14868	0.446	ppbv		94
34) Carbon Tetrachloride	7.969	117	9337	0.410	ppbv		95
35) Cyclohexane	8.047	84	7145	0.491	ppbv		95
37) 1,2-dichloropropane	8.375	63	6372	0.490	ppbv	#	74
38) Bromodichloromethane	8.488	83	13148	0.440	ppbv		94
39) Trichloroethene	8.505	130	8424	0.387	ppbv		93
40) 2,2,4-trimethylpentane	8.514	57	19698	0.407	ppbv	#	89
41) 1,4-Dioxane	8.505	88	3031	0.358	ppbv	#	83
43) Heptane	8.652	43	7648	0.422	ppbv	#	86
44) cis-1,3-Dichloropropene	8.998	75	7377	0.338	ppbv		98
45) 4-Methyl-2-pentanone(M...	9.016	43	11652	0.380	ppbv	#	97
46) trans-1,3-Dichloropropene	9.308	75	5756	0.362	ppbv		95
47) 1,1,2-Trichloroethane	9.414	97	7258	0.440	ppbv		95
48) Toluene	9.573	91	18456	0.419	ppbv	#	94

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_11.D
Acq On : 17 Mar 2026 9:40 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 16:13:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	10506	0.384	ppbv	89
50) 2-Hexanone(MBK)	9.702	43	9627	0.387	ppbv#	92
51) 1,2-Dibromoethane(EDB)	9.967	107	10914	0.390	ppbv	96
52) Tetrachloroethene	10.218	166	9996	0.420	ppbv	92
54) 1,1,1,2-Tetrachloroethane	10.584	131	6987	0.400	ppbv	90
55) Chlorobenzene	10.601	112	17387	0.523	ppbv	95
56) Ethylbenzene	10.797	91	24151	0.514	ppbv	99
57) m,p-Xylene	10.890	91	33677	0.937	ppbv	92
58) Bromoform	10.966	173	7112	0.392	ppbv	94
59) Styrene	11.093	104	15090	0.537	ppbv#	87
60) 1,1,2,2-Tetrachloroethane	11.153	83	16138	0.488	ppbv	90
61) o-Xylene	11.161	91	18291	0.478	ppbv	97
64) Isopropylbenzene	11.484	105	28755	0.499	ppbv#	94
66) 4-Ethyltoluene	11.857	105	28086	0.499	ppbv#	90
67) 1,3,5-Trimethylbenzene	11.899	105	20503	0.472	ppbv	99
68) 1,2,4-Trimethylbenzene	12.146	105	20942	0.403	ppbv	98
71) Benzyl chloride	12.248	91	6225	0.286	ppbv#	94
72) 1,3-Dichlorobenzene	12.265	146	15875	0.475	ppbv	95
73) 1,4-Dichlorobenzene	12.307	146	14820	0.435	ppbv	97
74) sec-Butylbenzene	12.316	105	35262	0.451	ppbv	96
75) 4-Isopropyltoluene	12.400	119	31514	0.439	ppbv	98
76) 1,2-Dichlorobenzene	12.519	146	13879	0.459	ppbv#	86
77) n-Butylbenzene	12.664	91	24670	0.445	ppbv	94
78) 1,2,4-Trichlorobenzene	13.666	180	5341	0.344	ppbv	93
79) Naphthalene	13.760	128	13066	0.326	ppbv#	97
80) Hexachlorobutadiene	13.998	225	8521	0.451	ppbv	96
82] 1,2-Dichlorotetrafluor...	3.853	85	36382	0.414	ppbv#	89
83] Vinyl Chloride(sim)	3.961	62	11637	0.432	ppbv	96
84] Bromomethane(sim)	4.283	94	13673	0.386	ppbv#	94
85] Trichlorofluoromethane...	4.990	101	46129	0.532	ppbv#	96
86] 1,2-Dichloroethane(sim)	7.434	62	6677	0.367	ppbv	96
87] 1,1,1-Trichloroethane(...	7.590	97	13316	0.432	ppbv#	94
88] Benzene(sim)	7.874	78	14868	0.382	ppbv#	93
89] Carbon Tetrachloride(sim)	7.972	117	10391	0.415	ppbv	95
90] 1,1-Dichloroethene(sim)	5.427	61	16876	0.422	ppbv#	64
91] Trichlorotrifluoroetha...	5.680	101	37490	0.473	ppbv#	91
92] Trans-1,2-Dichloroethe...	6.128	61	6895	0.429	ppbv#	75
93] 1,1-Dichloroethane(sim)	6.261	63	10493	0.439	ppbv	94
94] Cis-1,2-Dichloroethene...	6.785	61	6760	0.403	ppbv#	77
95] Chloroform(sim)	6.974	83	14556	0.438	ppbv	96
97] 1,2-dichloropropane(sim)	8.370	63	6651	0.430	ppbv#	86
98] Bromodichloromethane(sim)	8.488	83	13148	0.443	ppbv	94
99] Trichloroethene(sim)	8.508	130	11054	0.459	ppbv	92
100] 1,4-Dioxane(sim)	8.505	88	3031	0.418	ppbv#	83
101] cis-1,3-Dichloropropen...	9.001	75	9544	0.451	ppbv	97
102] 1,1,2-Trichloroethane(...	9.414	97	7258	0.393	ppbv	85
103] Dibromochloromethane(sim)	9.826	129	11460	0.424	ppbv	98
104] 1,2-Dibromoethane(EDB)...	9.967	107	10914	0.390	ppbv	96
105] Tetrachloroethene(sim)	10.221	166	13040	0.433	ppbv	95
107] Bromoform(sim)	10.969	173	8308	0.436	ppbv	98
108] Ethylbenzene(sim)	10.797	91	24151	0.447	ppbv	100
109] m,p-Xylene(sim)	10.893	91	42315	0.905	ppbv	96
110] 1,1,2,2-Tetrachloroeth...	11.153	83	16138	0.431	ppbv	92
113] Benzyl chloride(sim)	12.242	91	7190	0.298	ppbv	98
114] 1,3-Dichlorobenzene(sim)	12.265	146	15875	0.404	ppbv	97

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_11.D
Acq On : 17 Mar 2026 9:40 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

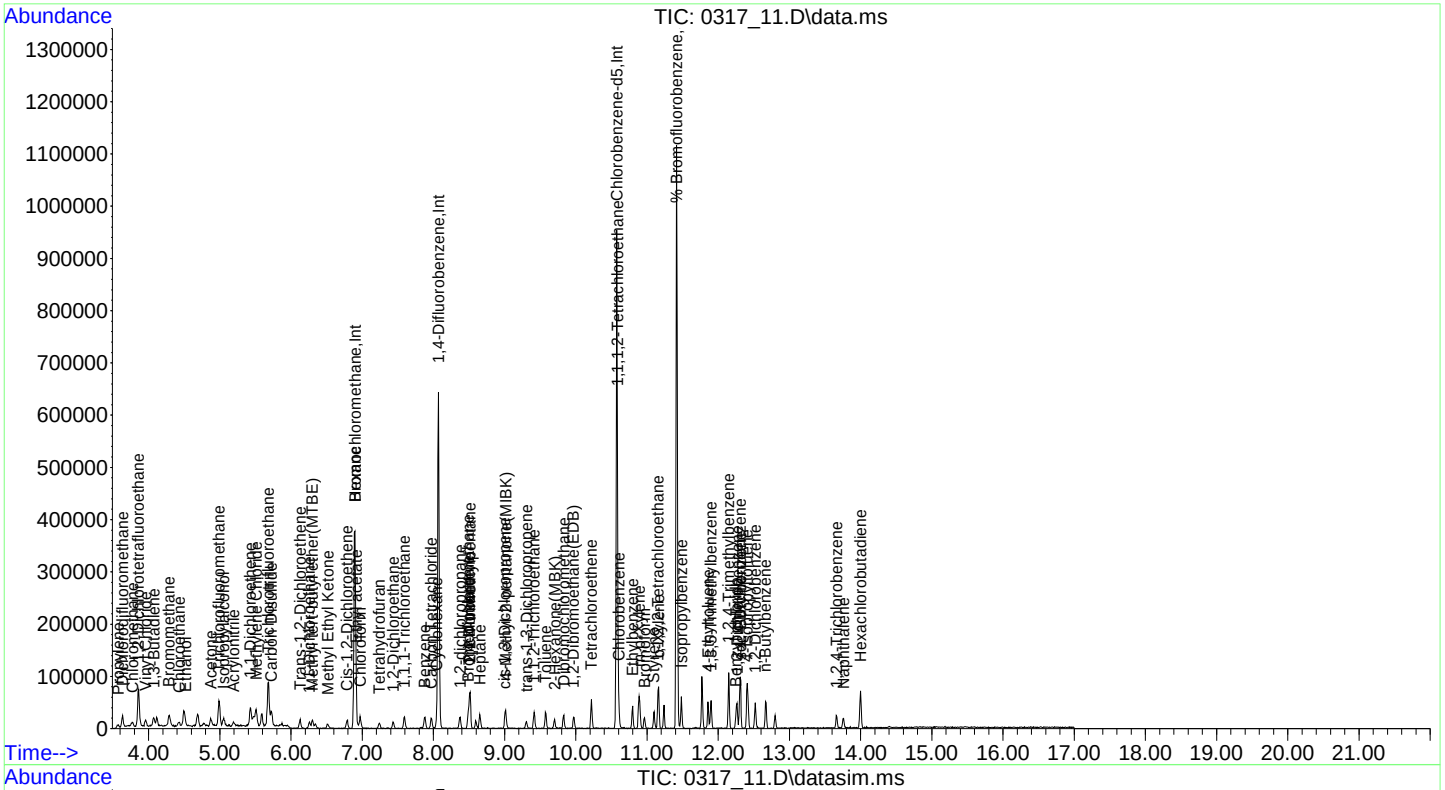
Quant Time: Mar 18 16:13:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

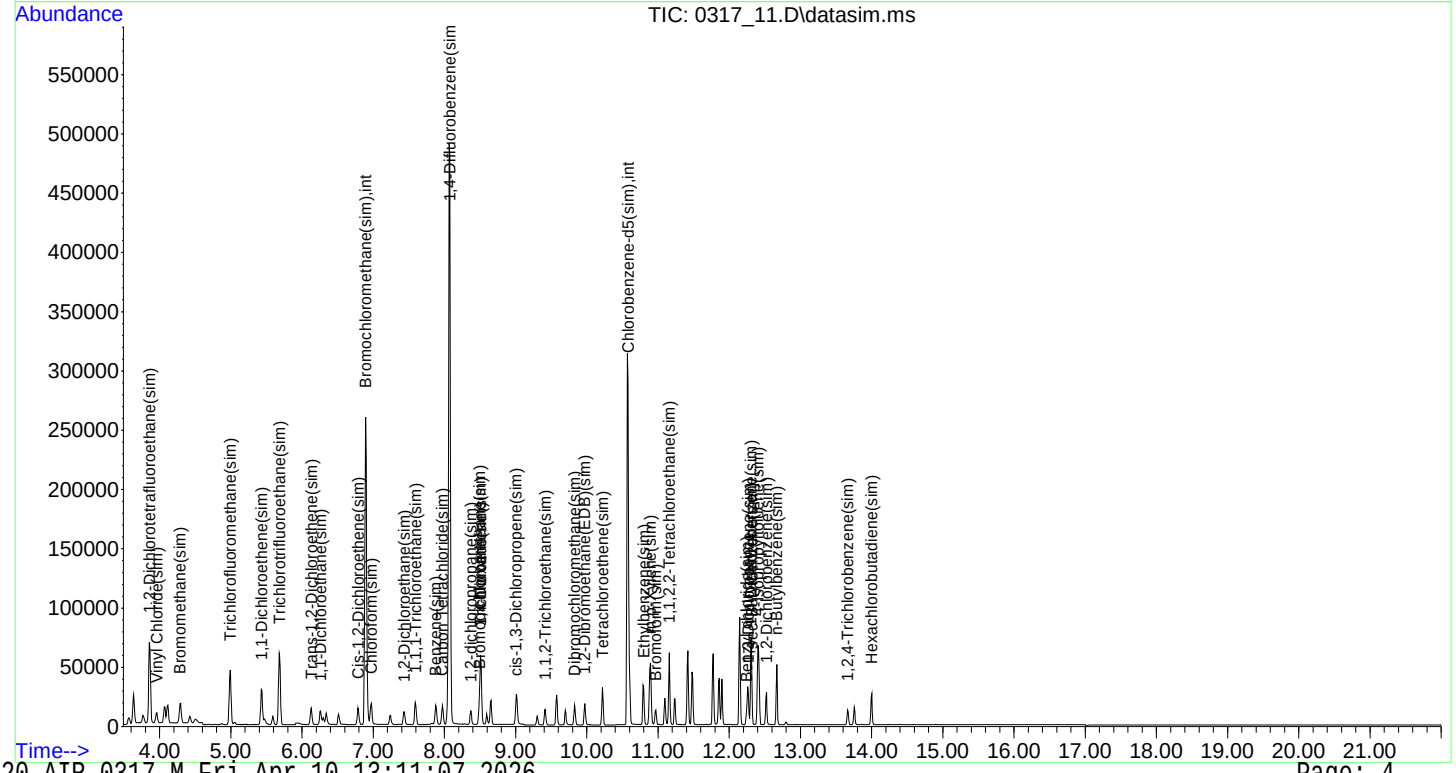
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.301	146	18121	0.481	ppbv	97
116] sec-Butylbenzene(sim)	12.316	105	35262	0.442	ppbv	96
117] 4-Isopropyltoluene(sim)	12.403	119	37597	0.493	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.519	146	13879	0.405	ppbv	90
119] n-Butylbenzene(sim)	12.667	91	28090	0.498	ppbv	97
120] 1,2,4-Trichlorobenzene...	13.661	180	6976m	0.418	ppbv	97
121] Hexachlorobutadiene(sim)	14.001	225	11940	0.460	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_11.D
Acq On : 17 Mar 2026 9:40 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 16:13:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_12.D
Acq On : 17 Mar 2026 10:15 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 14:14:13 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	122883	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	447416	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	193854	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	151787	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	448216	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	193702	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	240691	10.214	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.10%				
Target Compounds							Qvalue
2) Propylene	3.569	41	17985	2.141	ppbv		98
3) Dichlorodifluoromethane	3.634	85	104398	2.373	ppbv#		96
4) Chloromethane	3.764	50	33859	2.405	ppbv		96
5) 1,2-Dichlorotetrafluor...	3.853	85	172046	2.413	ppbv		89
6) Vinyl Chloride	3.950	62	49269	2.451	ppbv		99
7) 1,3-Butadiene	4.072	54	32947	2.478	ppbv		92
8) Bromomethane	4.283	94	63402	2.373	ppbv		99
9) Chloroethane	4.421	64	25454	2.425	ppbv		92
11) Ethanol	4.510	45	13152	2.401	ppbv#		75
12) Acetone	4.871	43	71525	2.471	ppbv#		90
13) Trichlorofluoromethane	4.988	101	189446	2.510	ppbv		96
14) Isopropylalcohol	5.049	45	74860	2.392	ppbv#		91
15) Acrylonitrile	5.190	53	23186	2.374	ppbv#		86
16) 1,1-Dichloroethene	5.427	61	83381	2.459	ppbv#		72
17) Methylene Chloride	5.510	49	57825	2.442	ppbv#		66
20) Carbon Disulfide	5.724	76	175772	2.669	ppbv		98
21) Trichlorotrifluoroethane	5.677	101	149251	2.501	ppbv#		83
22) Trans-1,2-Dichloroethene	6.128	61	33146	2.461	ppbv#		74
23) 1,1-Dichloroethane	6.258	63	46757	2.576	ppbv		98
24) Methyl tert-butyl ethe...	6.290	73	70169	2.489	ppbv#		90
25) Methyl Ethyl Ketone	6.509	43	49080	2.404	ppbv#		89
26) Cis-1,2-Dichloroethene	6.785	61	33214	2.500	ppbv#		83
27) Hexane	6.906	57	31522	2.353	ppbv#		88
28) Chloroform	6.971	83	60378	2.405	ppbv		91
29) Ethyl acetate	6.906	61	8404	2.591	ppbv#		91
30) Tetrahydrofuran	7.231	42	25496	2.425	ppbv#		84
31) 1,2-Dichloroethane	7.434	62	38228	2.594	ppbv		99
32) 1,1,1-Trichloroethane	7.588	97	55529	2.258	ppbv		95
33) Benzene	7.882	78	77206	2.361	ppbv#		89
34) Carbon Tetrachloride	7.977	117	46900	2.099	ppbv		98
35) Cyclohexane	8.047	84	33249	2.329	ppbv#		80
37) 1,2-dichloropropane	8.367	63	28552	2.191	ppbv#		81
38) Bromodichloromethane	8.488	83	60415	2.016	ppbv		97
39) Trichloroethene	8.514	130	44880	2.057	ppbv		94
40) 2,2,4-trimethylpentane	8.514	57	110000	2.269	ppbv		94
41) 1,4-Dioxane	8.505	88	16416	1.936	ppbv#		89
43) Heptane	8.652	43	40742	2.242	ppbv#		78
44) cis-1,3-Dichloropropene	9.007	75	43096	1.972	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.016	43	69377	2.258	ppbv#		95
46) trans-1,3-Dichloropropene	9.300	75	33233	2.087	ppbv		97
47) 1,1,2-Trichloroethane	9.414	97	39043	2.359	ppbv		87
48) Toluene	9.573	91	98328	2.227	ppbv		95

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_12.D
Acq On : 17 Mar 2026 10:15 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 14:14:13 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	53409	1.947	ppbv	94
50) 2-Hexanone(MBK)	9.695	43	55535	2.229	ppbv#	93
51) 1,2-Dibromoethane(EDB)	9.967	107	57490	2.051	ppbv	96
52) Tetrachloroethene	10.218	166	50318	2.110	ppbv#	90
54) 1,1,1,2-Tetrachloroethane	10.584	131	42074	2.295	ppbv	95
55) Chlorobenzene	10.601	112	86825	2.490	ppbv	84
56) Ethylbenzene	10.797	91	126962	2.578	ppbv	99
57) m,p-Xylene	10.890	91	196941	5.226	ppbv	95
58) Bromoform	10.966	173	38719	2.033	ppbv	94
59) Styrene	11.093	104	75685	2.567	ppbv#	90
60) 1,1,2,2-Tetrachloroethane	11.153	83	85582	2.468	ppbv	96
61) o-Xylene	11.161	91	100372	2.498	ppbv	96
64) Isopropylbenzene	11.484	105	154548	2.556	ppbv	98
66) 4-Ethyltoluene	11.857	105	146731	2.487	ppbv	97
67) 1,3,5-Trimethylbenzene	11.899	105	122789	2.695	ppbv	94
68) 1,2,4-Trimethylbenzene	12.146	105	125682	2.303	ppbv	99
71) Benzyl chloride	12.248	91	52702	2.308	ppbv	97
72) 1,3-Dichlorobenzene	12.265	146	85010	2.423	ppbv	96
73) 1,4-Dichlorobenzene	12.307	146	82451	2.306	ppbv	99
74) sec-Butylbenzene	12.316	105	200866	2.450	ppbv	97
75) 4-Isopropyltoluene	12.401	119	184780	2.453	ppbv	96
76) 1,2-Dichlorobenzene	12.519	146	80448	2.534	ppbv	98
77) n-Butylbenzene	12.664	91	148180	2.549	ppbv	99
78) 1,2,4-Trichlorobenzene	13.666	180	33298	2.044	ppbv	97
79) Naphthalene	13.751	128	86342	2.051	ppbv#	96
80) Hexachlorobutadiene	13.998	225	45265	2.285	ppbv	97
82] 1,2-Dichlorotetrafluor...	3.853	85	172038	1.946	ppbv	89
83] Vinyl Chloride(sim)	3.953	62	54658	2.017	ppbv	97
84] Bromomethane(sim)	4.283	94	63402	1.778	ppbv	99
85] Trichlorofluoromethane...	4.990	101	221475	2.536	ppbv#	96
86] 1,2-Dichloroethane(sim)	7.434	62	38228	2.086	ppbv	99
87] 1,1,1-Trichloroethane(...	7.591	97	66991	2.161	ppbv#	95
88] Benzene(sim)	7.882	78	77206	1.970	ppbv#	87
89] Carbon Tetrachloride(sim)	7.972	117	56636	2.245	ppbv	98
90] 1,1-Dichloroethene(sim)	5.427	61	83381	2.071	ppbv#	73
91] Trichlorotrifluoroetha...	5.680	101	178098	2.235	ppbv#	91
92] Trans-1,2-Dichloroethe...	6.128	61	33146	2.050	ppbv#	74
93] 1,1-Dichloroethane(sim)	6.261	63	51322	2.133	ppbv	96
94] Cis-1,2-Dichloroethene...	6.785	61	33214	1.970	ppbv#	83
95] Chloroform(sim)	6.974	83	71504	2.138	ppbv	96
97] 1,2-dichloropropane(sim)	8.370	63	32638	2.109	ppbv#	87
98] Bromodichloromethane(sim)	8.488	83	60415	2.033	ppbv	97
99] Trichloroethene(sim)	8.508	130	55798	2.312	ppbv	94
100] 1,4-Dioxane(sim)	8.505	88	16416	2.261	ppbv#	89
101] cis-1,3-Dichloropropen...	9.001	75	49734	2.348	ppbv	96
102] 1,1,2-Trichloroethane(...	9.414	97	39043	2.109	ppbv	83
103] Dibromochloromethane(sim)	9.826	129	65308	2.416	ppbv	99
104] 1,2-Dibromoethane(EDB)...	9.967	107	57405	2.047	ppbv	95
105] Tetrachloroethene(sim)	10.221	166	65445	2.172	ppbv	96
107] Bromoform(sim)	10.969	173	50042	2.509	ppbv	98
108] Ethylbenzene(sim)	10.797	91	126962	2.247	ppbv	100
109] m,p-Xylene(sim)	10.893	91	231444	4.727	ppbv#	95
110] 1,1,2,2-Tetrachloroeth...	11.153	83	85582	2.183	ppbv	96
113] Benzyl chloride(sim)	12.242	91	57809	2.285	ppbv	96
114] 1,3-Dichlorobenzene(sim)	12.265	146	85010	2.069	ppbv	98

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_12.D
Acq On : 17 Mar 2026 10:15 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

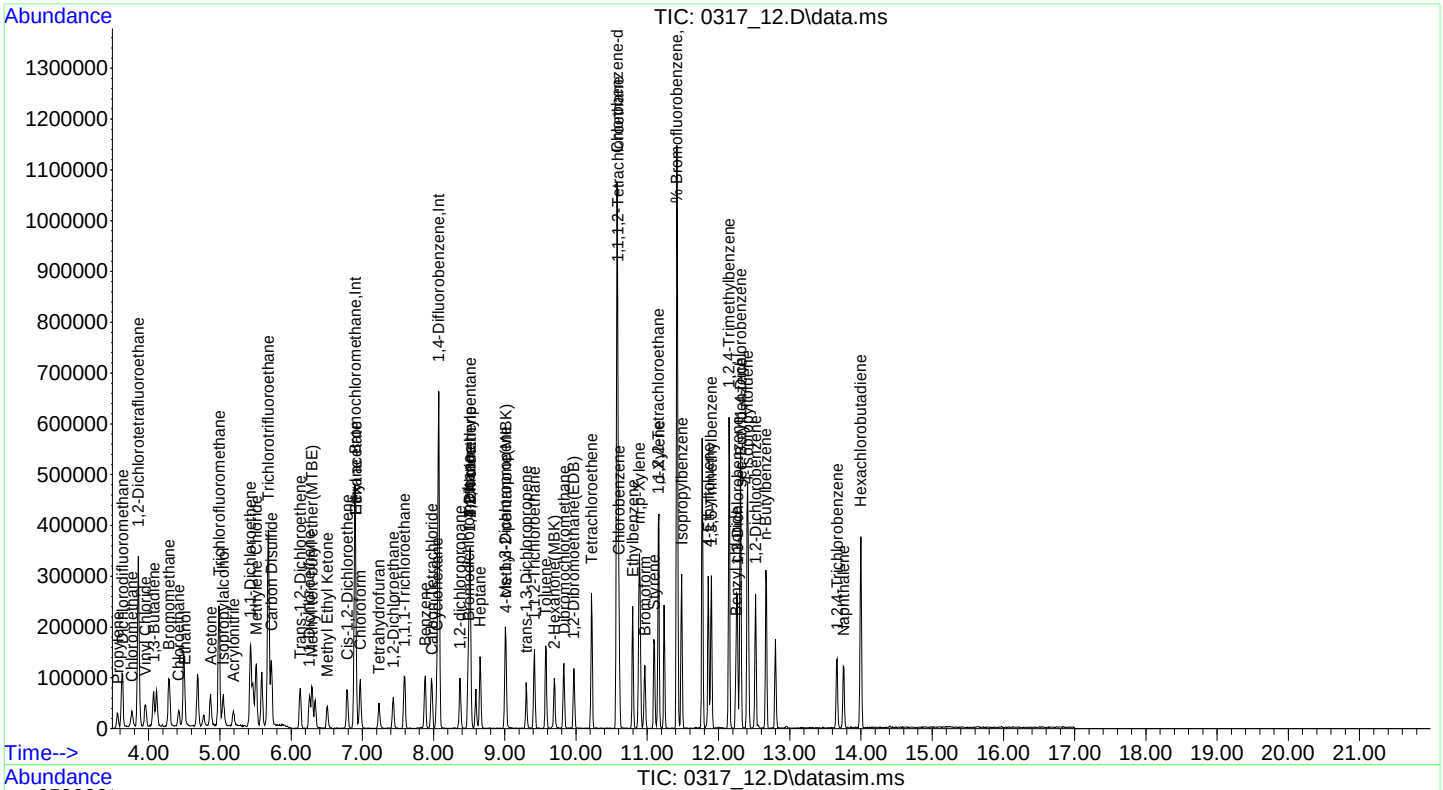
Quant Time: Mar 18 14:14:13 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

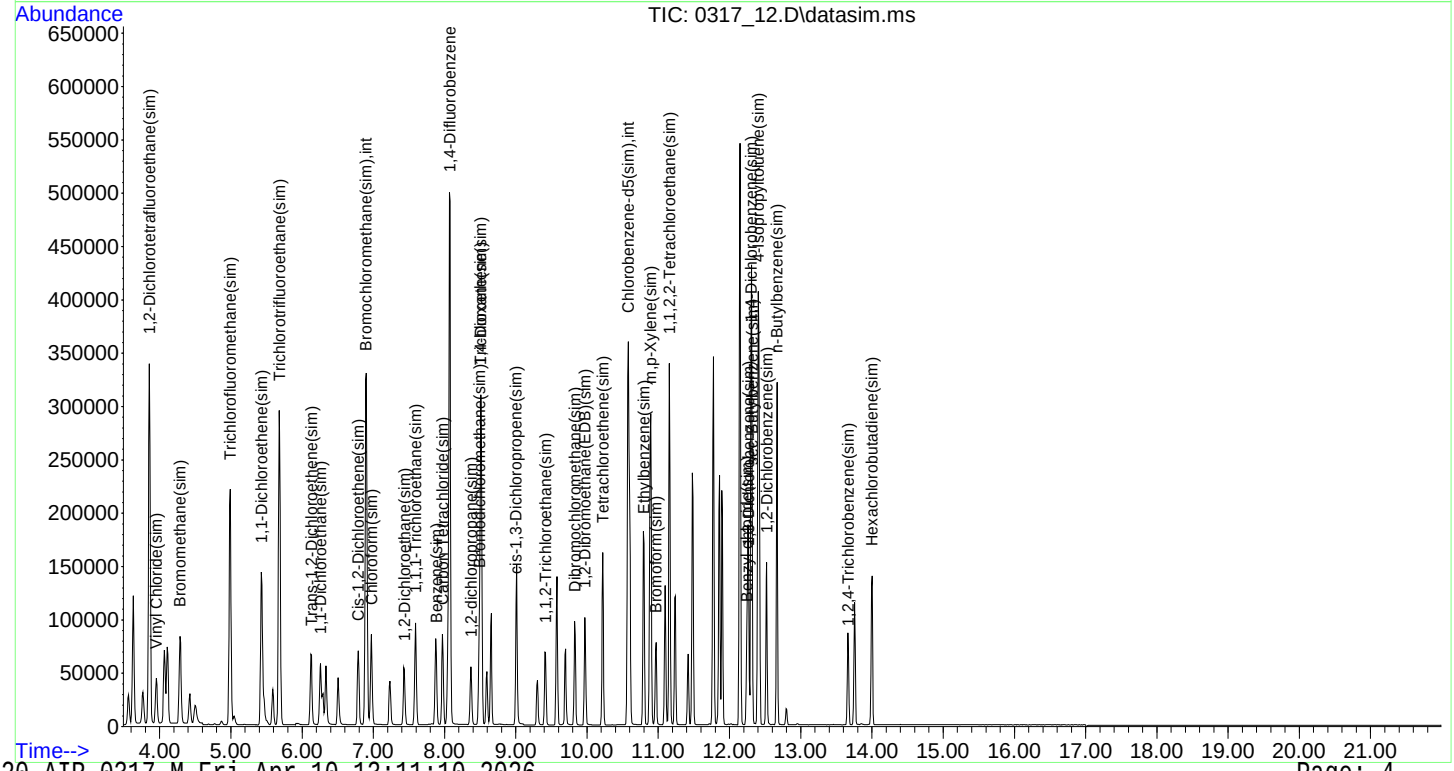
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	102035	2.587	ppbv	98
116] sec-Butylbenzene(sim)	12.316	105	200866	2.404	ppbv	97
117] 4-Isopropyltoluene(sim)	12.403	119	221480	2.775	ppbv	95
118] 1,2-Dichlorobenzene(sim)	12.519	146	80448	2.242	ppbv	98
119] n-Butylbenzene(sim)	12.667	91	171414	2.903	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	33298	1.905	ppbv	98
121] Hexachlorobutadiene(sim)	14.001	225	63878	2.350	ppbv	97

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_12.D
Acq On : 17 Mar 2026 10:15 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 14:14:13 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_13.D
Acq On : 17 Mar 2026 10:47 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 18 14:14:21 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.890	130	123782	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	440728	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	206171	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	153850	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	440613	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	206517	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	246168	9.822	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.20%			
Target Compounds							Qvalue
2) Propylene	3.561	41	45123	5.333	ppbv		98
3) Dichlorodifluoromethane	3.626	85	251021	5.664	ppbv#		92
4) Chloromethane	3.764	50	78619	5.544	ppbv		98
5) 1,2-Dichlorotetrafluor...	3.853	85	385436	5.366	ppbv		90
6) Vinyl Chloride	3.950	62	111219	5.494	ppbv		100
7) 1,3-Butadiene	4.072	54	67325	5.026	ppbv#		92
8) Bromomethane	4.283	94	143798	5.343	ppbv		97
9) Chloroethane	4.421	64	57875	5.474	ppbv		88
11) Ethanol	4.510	45	28439	5.155	ppbv#		79
12) Acetone	4.865	43	151876	5.209	ppbv#		87
13) Trichlorofluoromethane	4.987	101	414759	5.455	ppbv		97
14) Isopropylalcohol	5.037	45	167113	5.301	ppbv#		97
15) Acrylonitrile	5.190	53	50408	5.124	ppbv#		85
16) 1,1-Dichloroethene	5.427	61	183825	5.383	ppbv#		73
17) Methylene Chloride	5.510	49	117897	4.942	ppbv#		57
20) Carbon Disulfide	5.724	76	387480	5.841	ppbv		100
21) Trichlorotrifluoroethane	5.683	101	325326	5.411	ppbv#		84
22) Trans-1,2-Dichloroethene	6.128	61	73474	5.415	ppbv#		79
23) 1,1-Dichloroethane	6.258	63	100985	5.524	ppbv		99
24) Methyl tert-butyl ethe...	6.290	73	151352	5.330	ppbv#		87
25) Methyl Ethyl Ketone	6.501	43	111740	5.433	ppbv#		88
26) Cis-1,2-Dichloroethene	6.785	61	71078	5.311	ppbv#		83
27) Hexane	6.906	57	75525	5.597	ppbv#		87
28) Chloroform	6.971	83	138819	5.489	ppbv		94
29) Ethyl acetate	6.906	61	18170	5.561	ppbv#		91
30) Tetrahydrofuran	7.231	42	59932	5.659	ppbv#		84
31) 1,2-Dichloroethane	7.434	62	79983	5.388	ppbv		97
32) 1,1,1-Trichloroethane	7.588	97	129990	5.247	ppbv		97
33) Benzene	7.882	78	176844	5.368	ppbv#		87
34) Carbon Tetrachloride	7.969	117	113318	5.035	ppbv		92
35) Cyclohexane	8.047	84	75885	5.277	ppbv#		74
37) 1,2-dichloropropane	8.375	63	64660	5.038	ppbv#		80
38) Bromodichloromethane	8.488	83	146367	4.959	ppbv		96
39) Trichloroethene	8.505	130	109925	5.115	ppbv		96
40) 2,2,4-trimethylpentane	8.514	57	255130	5.343	ppbv		95
41) 1,4-Dioxane	8.505	88	43794	5.244	ppbv#		80
43) Heptane	8.652	43	90608	5.062	ppbv#		80
44) cis-1,3-Dichloropropene	9.007	75	110287	5.123	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.007	43	152518	5.040	ppbv#		96
46) trans-1,3-Dichloropropene	9.300	75	81735	5.210	ppbv		98
47) 1,1,2-Trichloroethane	9.414	97	86944	5.333	ppbv		91
48) Toluene	9.573	91	228411	5.252	ppbv#		97

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_13.D
Acq On : 17 Mar 2026 10:47 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 18 14:14:21 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	140674	5.205	ppbv	97
50) 2-Hexanone(MBK)	9.694	43	136177	5.548	ppbv#	93
51) 1,2-Dibromoethane(EDB)	9.967	107	144216	5.224	ppbv	93
52) Tetrachloroethene	10.218	166	119604	5.092	ppbv	94
54) 1,1,1,2-Tetrachloroethane	10.584	131	110830	5.684	ppbv	98
55) Chlorobenzene	10.601	112	206933	5.581	ppbv#	80
56) Ethylbenzene	10.797	91	295860	5.648	ppbv	98
57) m,p-Xylene	10.890	91	471595	11.767	ppbv	95
58) Bromoform	10.966	173	108059	5.336	ppbv	98
59) Styrene	11.093	104	177294	5.654	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.153	83	205645	5.577	ppbv	98
61) o-Xylene	11.161	91	248211	5.809	ppbv	97
64) Isopropylbenzene	11.484	105	354575	5.515	ppbv	98
66) 4-Ethyltoluene	11.857	105	348996	5.562	ppbv#	97
67) 1,3,5-Trimethylbenzene	11.899	105	284897	5.879	ppbv	95
68) 1,2,4-Trimethylbenzene	12.146	105	319630	5.508	ppbv	99
71) Benzyl chloride	12.248	91	158120	6.512	ppbv#	96
72) 1,3-Dichlorobenzene	12.265	146	212919	5.706	ppbv	99
73) 1,4-Dichlorobenzene	12.299	146	205588	5.406	ppbv	99
74) sec-Butylbenzene	12.307	105	484090	5.552	ppbv	98
75) 4-Isopropyltoluene	12.400	119	452040	5.643	ppbv	95
76) 1,2-Dichlorobenzene	12.519	146	201208	5.959	ppbv	96
77) n-Butylbenzene	12.664	91	365234	5.908	ppbv	97
78) 1,2,4-Trichlorobenzene	13.666	180	97632	5.636	ppbv	97
79) Naphthalene	13.751	128	263271	5.880	ppbv#	98
80) Hexachlorobutadiene	13.998	225	114598	5.438	ppbv	98
82] 1,2-Dichlorotetrafluor...	3.853	85	385249	4.299	ppbv	90
83] Vinyl Chloride(sim)	3.953	62	122168	4.449	ppbv	97
84] Bromomethane(sim)	4.283	94	143798	3.979	ppbv	97
85] Trichlorofluoromethane...	4.990	101	486123	5.492	ppbv#	96
86] 1,2-Dichloroethane(sim)	7.434	62	79983	4.307	ppbv	97
87] 1,1,1-Trichloroethane(...	7.590	97	156463	4.979	ppbv#	94
88] Benzene(sim)	7.882	78	176844	4.453	ppbv#	86
89] Carbon Tetrachloride(sim)	7.972	117	139718	5.464	ppbv	97
90] 1,1-Dichloroethene(sim)	5.427	61	183825	4.505	ppbv#	73
91] Trichlorotrifluoroetha...	5.680	101	382876	4.740	ppbv#	92
92] Trans-1,2-Dichloroethe...	6.128	61	73474	4.484	ppbv#	79
93] 1,1-Dichloroethane(sim)	6.261	63	112924	4.630	ppbv	96
94] Cis-1,2-Dichloroethene...	6.785	61	71078	4.158	ppbv#	83
95] Chloroform(sim)	6.974	83	159522	4.707	ppbv#	95
97] 1,2-dichloropropane(sim)	8.370	63	73503	4.831	ppbv#	87
98] Bromodichloromethane(sim)	8.488	83	146550	5.016	ppbv	96
99] Trichloroethene(sim)	8.508	130	131556	5.545	ppbv	93
100] 1,4-Dioxane(sim)	8.505	88	43794	6.136	ppbv#	79
101] cis-1,3-Dichloropropen...	9.001	75	121814	5.851	ppbv	97
102] 1,1,2-Trichloroethane(...	9.414	97	86762	4.768	ppbv	88
103] Dibromochloromethane(sim)	9.826	129	169743	6.387	ppbv	98
104] 1,2-Dibromoethane(EDB)...	9.967	107	144218	5.232	ppbv	93
105] Tetrachloroethene(sim)	10.221	166	151136	5.103	ppbv	95
107] Bromoform(sim)	10.969	173	141040	6.633	ppbv	98
108] Ethylbenzene(sim)	10.797	91	295860	4.911	ppbv	100
109] m,p-Xylene(sim)	10.893	91	549422	10.524	ppbv	95
110] 1,1,2,2-Tetrachloroeth...	11.153	83	205308	4.912	ppbv	99
113] Benzyl chloride(sim)	12.242	91	184745	6.851	ppbv	95
114] 1,3-Dichlorobenzene(sim)	12.265	146	212919	4.859	ppbv	98

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_13.D
Acq On : 17 Mar 2026 10:47 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

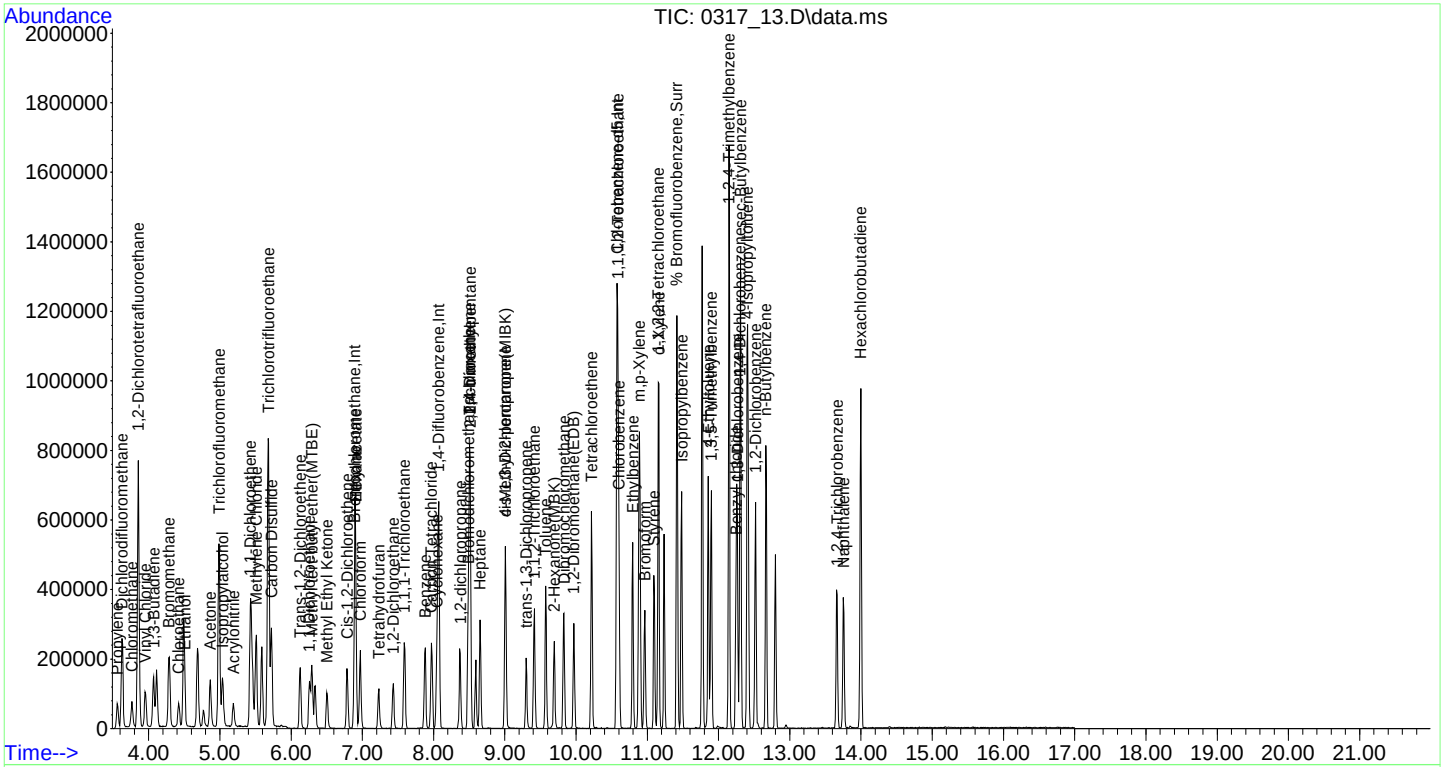
Quant Time: Mar 18 14:14:21 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

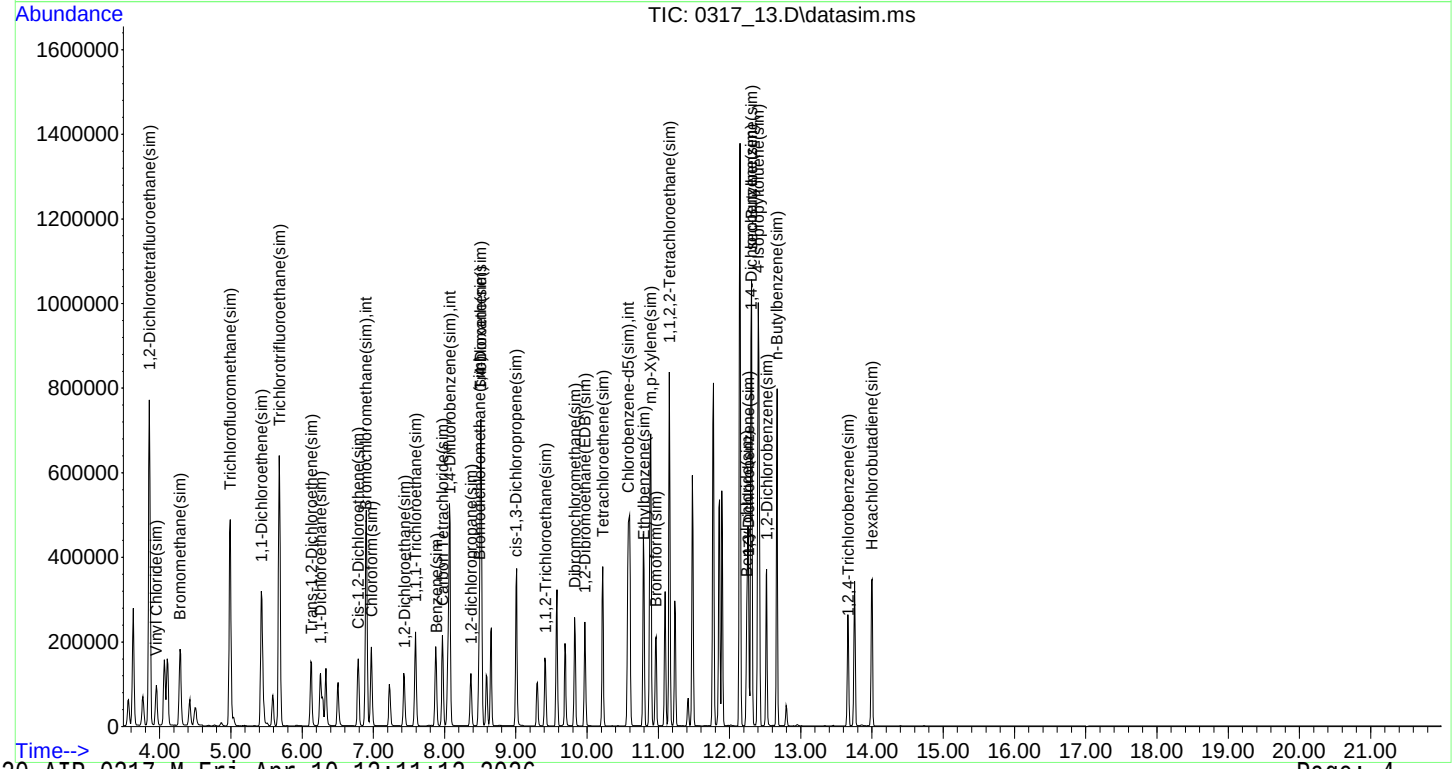
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.301	146	256187	6.092	ppbv	100
116] sec-Butylbenzene(sim)	12.307	105	484090	5.435	ppbv	97
117] 4-Isopropyltoluene(sim)	12.403	119	540615	6.353	ppbv	95
118] 1,2-Dichlorobenzene(sim)	12.519	146	201208	5.259	ppbv	100
119] n-Butylbenzene(sim)	12.667	91	421443	6.694	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	97523	5.232	ppbv	98
121] Hexachlorobutadiene(sim)	14.001	225	160748	5.547	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_13.D
Acq On : 17 Mar 2026 10:47 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 18 14:14:21 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_14.D
Acq On : 17 Mar 2026 11:21 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 14:14:28 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	142069	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	435045	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	289969	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	170741	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	435360	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	289876	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	259317	7.357	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 73.60%				
Target Compounds							Qvalue
2) Propylene	3.561	41	205123	21.124	ppbv		98
3) Dichlorodifluoromethane	3.626	85	1162367	22.850	ppbv#		95
4) Chloromethane	3.764	50	363388	22.325	ppbv		95
5) 1,2-Dichlorotetrafluor...	3.853	85	1831309	22.215	ppbv		89
6) Vinyl Chloride	3.958	62	484459	20.850	ppbv		97
7) 1,3-Butadiene	4.072	54	311213	20.244	ppbv		96
8) Bromomethane	4.291	94	653378	21.154	ppbv		99
9) Chloroethane	4.429	64	254640	20.983	ppbv		90
11) Ethanol	4.510	45	121617	19.208	ppbv#		78
12) Acetone	4.865	43	703985	21.039	ppbv#		87
13) Trichlorofluoromethane	4.988	101	1923324	22.039	ppbv		97
14) Isopropylalcohol	5.037	45	727881	20.118	ppbv#		100
15) Acrylonitrile	5.190	53	229020	20.284	ppbv#		84
16) 1,1-Dichloroethene	5.433	61	859241	21.922	ppbv#		73
17) Methylene Chloride	5.510	49	535529	19.558	ppbv#		59
20) Carbon Disulfide	5.724	76	1723773	22.641	ppbv		99
21) Trichlorotrifluoroethane	5.677	101	1556193	22.552	ppbv#		84
22) Trans-1,2-Dichloroethene	6.128	61	365358	23.460	ppbv#		75
23) 1,1-Dichloroethane	6.258	63	497513	23.710	ppbv		99
24) Methyl tert-butyl ethe...	6.290	73	802258	24.613	ppbv#		85
25) Methyl Ethyl Ketone	6.501	43	538877	22.828	ppbv#		87
26) Cis-1,2-Dichloroethene	6.785	61	369913	24.083	ppbv#		85
27) Hexane	6.906	57	401614	25.932	ppbv#		86
28) Chloroform	6.971	83	695159	23.950	ppbv		94
29) Ethyl acetate	6.906	61	94749	25.268	ppbv#		89
30) Tetrahydrofuran	7.223	42	284208	23.382	ppbv#		81
31) 1,2-Dichloroethane	7.434	62	406207	23.842	ppbv		99
32) 1,1,1-Trichloroethane	7.596	97	715265	25.156	ppbv		94
33) Benzene	7.882	78	895109	23.674	ppbv#		87
34) Carbon Tetrachloride	7.978	117	730648	28.288	ppbv		99
35) Cyclohexane	8.055	84	380858	23.078	ppbv#		72
37) 1,2-dichloropropane	8.375	63	331657	26.178	ppbv#		79
38) Bromodichloromethane	8.488	83	886528	30.429	ppbv		95
39) Trichloroethene	8.514	130	638251	30.090	ppbv		95
40) 2,2,4-trimethylpentane	8.514	57	1356922	28.790	ppbv		95
41) 1,4-Dioxane	8.505	88	257892	31.283	ppbv#		72
43) Heptane	8.652	43	466646	26.410	ppbv#		80
44) cis-1,3-Dichloropropene	9.007	75	654736	30.813	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.007	43	868054	29.062	ppbv#		96
46) trans-1,3-Dichloropropene	9.300	75	470190	30.364	ppbv		99
47) 1,1,2-Trichloroethane	9.414	97	455558	28.310	ppbv		91
48) Toluene	9.573	91	1237221	28.819	ppbv#		96

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_14.D
Acq On : 17 Mar 2026 11:21 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 14:14:28 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	973132	36.479	ppbv	96
50) 2-Hexanone(MBK)	9.695	43	698664	28.836	ppbv#	92
51) 1,2-Dibromoethane(EDB)	9.975	107	812371	29.809	ppbv	92
52) Tetrachloroethene	10.218	166	689661	29.745	ppbv	92
54) 1,1,1,2-Tetrachloroethane	10.585	131	757288	27.613	ppbv	96
55) Chlorobenzene	10.602	112	1181196	22.650	ppbv#	77
56) Ethylbenzene	10.797	91	1641269	22.279	ppbv	98
57) m,p-Xylene	10.890	91	2776653	49.260	ppbv	95
58) Bromoform	10.966	173	843117	29.601	ppbv	98
59) Styrene	11.094	104	1030139	23.356	ppbv#	89
60) 1,1,2,2-Tetrachloroethane	11.161	83	1289071	24.856	ppbv	97
61) o-Xylene	11.161	91	1544378	25.697	ppbv	97
64) Isopropylbenzene	11.484	105	2126910	23.520	ppbv	98
66) 4-Ethyltoluene	11.857	105	2194557	24.868	ppbv#	96
67) 1,3,5-Trimethylbenzene	11.900	105	1642733	24.103	ppbv	92
68) 1,2,4-Trimethylbenzene	12.146	105	2437505	29.865	ppbv	98
71) Benzyl chloride	12.248	91	1264519	37.028	ppbv#	94
72) 1,3-Dichlorobenzene	12.265	146	1348661	25.697	ppbv	98
73) 1,4-Dichlorobenzene	12.307	146	1540984	28.812	ppbv	99
74) sec-Butylbenzene	12.316	105	3453623	28.165	ppbv	97
75) 4-Isopropyltoluene	12.401	119	3189532	28.310	ppbv	95
76) 1,2-Dichlorobenzene	12.520	146	1198326	25.234	ppbv	97
77) n-Butylbenzene	12.664	91	2334444	26.848	ppbv	99
78) 1,2,4-Trichlorobenzene	13.666	180	807957	33.162	ppbv	96
79) Naphthalene	13.751	128	1876418	29.798	ppbv#	98
80) Hexachlorobutadiene	13.998	225	871113	29.392	ppbv	97
82] 1,2-Dichlorotetrafluor...	3.853	85	1830327	18.402	ppbv	89
83] Vinyl Chloride(sim)	3.953	62	546140	17.920	ppbv	97
84] Bromomethane(sim)	4.291	94	653378	16.293	ppbv	99
85] Trichlorofluoromethane...	4.990	101	2239723	22.801	ppbv#	97
86] 1,2-Dichloroethane(sim)	7.434	62	406207	19.708	ppbv	99
87] 1,1,1-Trichloroethane(...	7.591	97	839642	24.076	ppbv#	94
88] Benzene(sim)	7.882	78	895109	20.308	ppbv#	86
89] Carbon Tetrachloride(sim)	7.972	117	846650	29.836	ppbv	96
90] 1,1-Dichloroethene(sim)	5.433	61	859241	18.974	ppbv#	73
91] Trichlorotrifluoroetha...	5.680	101	1773858	19.788	ppbv#	92
92] Trans-1,2-Dichloroethe...	6.128	61	365358	20.089	ppbv#	75
93] 1,1-Dichloroethane(sim)	6.261	63	551677	20.383	ppbv	96
94] Cis-1,2-Dichloroethene...	6.785	61	369913	19.500	ppbv#	85
95] Chloroform(sim)	6.974	83	793605	21.099	ppbv#	95
97] 1,2-dichloropropane(sim)	8.370	63	370999	24.680	ppbv#	86
98] Bromodichloromethane(sim)	8.488	83	886528	30.711	ppbv	94
99] Trichloroethene(sim)	8.508	130	759862	32.414	ppbv	93
100] 1,4-Dioxane(sim)	8.505	88	257892	36.567	ppbv#	72
101] cis-1,3-Dichloropropen...	9.001	75	730508	35.513	ppbv	98
102] 1,1,2-Trichloroethane(...	9.414	97	455093	25.311	ppbv	87
103] Dibromochloromethane(sim)	9.826	129	1156443	44.036	ppbv	98
104] 1,2-Dibromoethane(EDB)...	9.975	107	810585	29.763	ppbv	92
105] Tetrachloroethene(sim)	10.221	166	874395	29.880	ppbv	96
107] Bromoform(sim)	10.969	173	1061909	35.581	ppbv	98
108] Ethylbenzene(sim)	10.797	91	1641269	19.408	ppbv	100
109] m,p-Xylene(sim)	10.893	91	3220886	43.955	ppbv#	94
110] 1,1,2,2-Tetrachloroeth...	11.161	83	1289071	21.974	ppbv	99
113] Benzyl chloride(sim)	12.242	91	1469894	38.831	ppbv	93
114] 1,3-Dichlorobenzene(sim)	12.265	146	1348661	21.929	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_14.D
Acq On : 17 Mar 2026 11:21 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

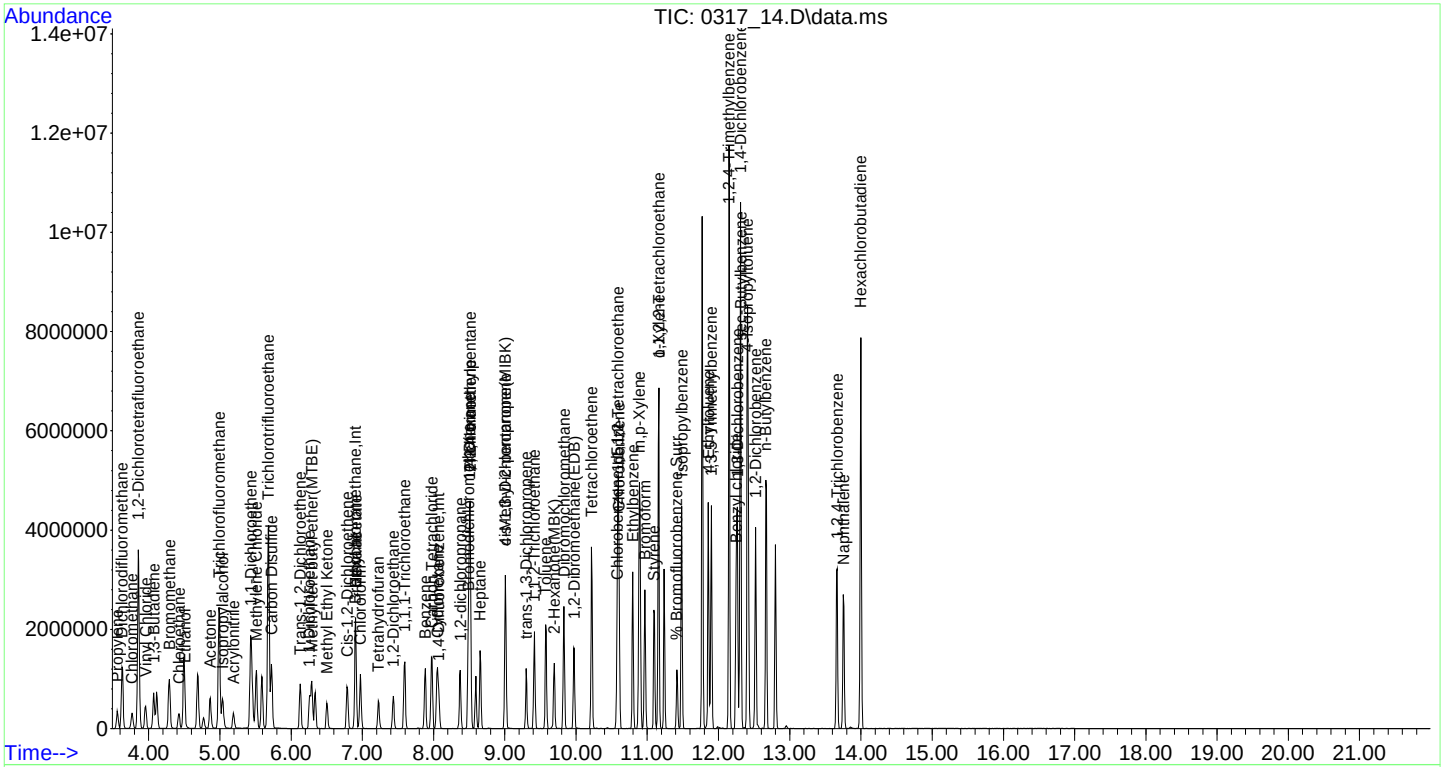
Quant Time: Mar 18 14:14:28 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

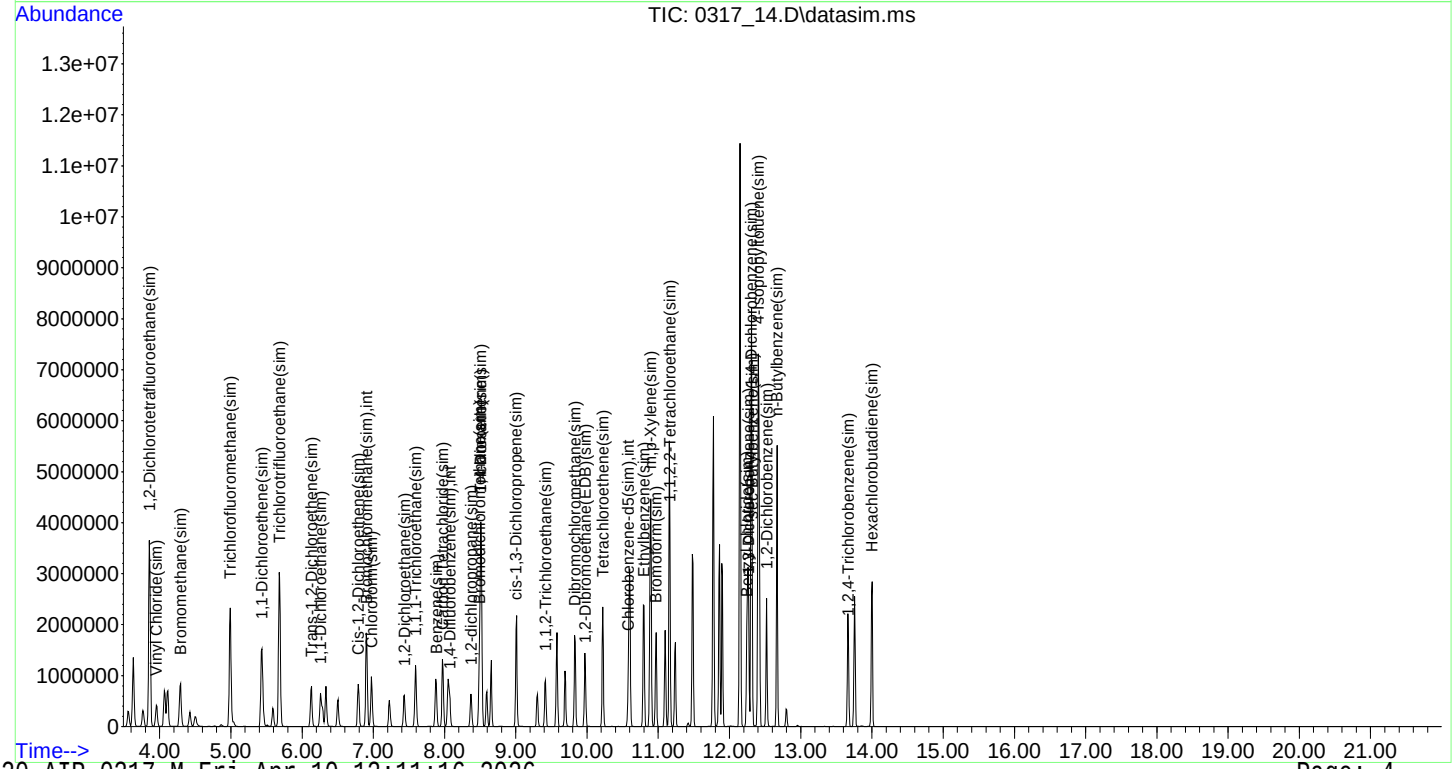
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	1876312	31.788	ppbv	99
116] sec-Butylbenzene(sim)	12.316	105	3453623	27.625	ppbv	96
117] 4-Isopropyltoluene(sim)	12.404	119	3785712	31.695	ppbv	93
118] 1,2-Dichlorobenzene(sim)	12.520	146	1198068	22.308	ppbv	98
119] n-Butylbenzene(sim)	12.667	91	2670536	30.218	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	807957	30.882	ppbv	98
121] Hexachlorobutadiene(sim)	14.001	225	1181639	29.050	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_14.D
Acq On : 17 Mar 2026 11:21 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 18 14:14:28 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_15.D
Acq On : 17 Mar 2026 11:58 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 18 14:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	163451	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	476311	10.000	ng		0.00
53) Chlorobenzene-d5	10.585	82	405175	10.000	ng	#	0.00
81) Bromochloromethane(sim)	6.901	130	200574	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	476548	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.585	82	405299	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	282827	5.742	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	57.40%#			
Target Compounds							Qvalue
2) Propylene	3.561	41	363883	32.572	ppbv		97
3) Dichlorodifluoromethane	3.626	85	2083535	35.600	ppbv#		95
4) Chloromethane	3.764	50	632594	33.780	ppbv		96
5) 1,2-Dichlorotetrafluor...	3.853	85	3501281	36.916	ppbv		91
6) Vinyl Chloride	3.958	62	897519	33.574	ppbv		99
7) 1,3-Butadiene	4.072	54	567207	32.070	ppbv		95
8) Bromomethane	4.291	94	1243940	35.005	ppbv		97
9) Chloroethane	4.429	64	462561	33.130	ppbv		89
11) Ethanol	4.510	45	223600	30.695	ppbv#		78
12) Acetone	4.865	43	1288595	33.472	ppbv#		87
13) Trichlorofluoromethane	4.988	101	3544763	35.305	ppbv		97
14) Isopropylalcohol	5.037	45	1301434	31.265	ppbv#		99
15) Acrylonitrile	5.190	53	402594	30.993	ppbv#		84
16) 1,1-Dichloroethene	5.433	61	1521720	33.744	ppbv#		72
17) Methylene Chloride	5.510	49	912339	28.961	ppbv#		55
20) Carbon Disulfide	5.724	76	2992200	34.159	ppbv		99
21) Trichlorotrifluoroethane	5.683	101	2809085	35.383	ppbv#		85
22) Trans-1,2-Dichloroethene	6.128	61	648546	36.196	ppbv#		76
23) 1,1-Dichloroethane	6.258	63	855761	35.448	ppbv		97
24) Methyl tert-butyl ethe...	6.290	73	1417052	37.788	ppbv#		84
25) Methyl Ethyl Ketone	6.501	43	948890	34.939	ppbv#		89
26) Cis-1,2-Dichloroethene	6.785	61	640913	36.269	ppbv#		82
27) Hexane	6.907	57	706442	39.648	ppbv#		85
28) Chloroform	6.971	83	1209740	36.227	ppbv		94
29) Ethyl acetate	6.907	61	169851	39.371	ppbv#		87
30) Tetrahydrofuran	7.223	42	490272	35.059	ppbv#		81
31) 1,2-Dichloroethane	7.434	62	713769	36.413	ppbv		98
32) 1,1,1-Trichloroethane	7.596	97	1298347	39.690	ppbv		94
33) Benzene	7.882	78	1562353	35.915	ppbv#		88
34) Carbon Tetrachloride	7.969	117	1384912	46.604	ppbv		98
35) Cyclohexane	8.055	84	659085	34.712	ppbv#		72
37) 1,2-dichloropropane	8.376	63	580780	41.870	ppbv#		79
38) Bromodichloromethane	8.488	83	1724961	54.078	ppbv		95
39) Trichloroethene	8.514	130	1281537	55.182	ppbv		95
40) 2,2,4-trimethylpentane	8.514	57	2515242	48.743	ppbv		93
41) 1,4-Dioxane	8.505	88	520739	57.694	ppbv#		69
43) Heptane	8.652	43	820874	42.433	ppbv#		80
44) cis-1,3-Dichloropropene	9.007	75	1354340	58.216	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.007	43	1546883	47.302	ppbv#		97
46) trans-1,3-Dichloropropene	9.300	75	858685	50.649	ppbv		98
47) 1,1,2-Trichloroethane	9.414	97	835424	47.418	ppbv		89
48) Toluene	9.573	91	2248928	47.847	ppbv#		95

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_15.D
Acq On : 17 Mar 2026 11:58 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 18 14:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	1920851	65.767	ppbv	96
50)	2-Hexanone(MBK)	9.695	43	1221889	46.061	ppbv#	92
51)	1,2-Dibromoethane(EDB)	9.975	107	1484707	49.760	ppbv	91
52)	Tetrachloroethene	10.218	166	1332581	52.495	ppbv	93
54)	1,1,1,2-Tetrachloroethane	10.593	131	1524378	39.779	ppbv	96
55)	Chlorobenzene	10.602	112	2299227	31.553	ppbv#	76
56)	Ethylbenzene	10.797	91	3109287	30.205	ppbv	97
57)	m,p-Xylene	10.890	91	5538282	70.316	ppbv	94
58)	Bromoform	10.966	173	1783500	44.812	ppbv	97
59)	Styrene	11.102	104	1918979	31.138	ppbv#	88
60)	1,1,2,2-Tetrachloroethane	11.161	83	2699102	37.246	ppbv	97
61)	o-Xylene	11.161	91	3255554	38.767	ppbv	97
64)	Isopropylbenzene	11.484	105	4104298	32.481	ppbv	97
66)	4-Ethyltoluene	11.857	105	4211806	34.157	ppbv#	96
67)	1,3,5-Trimethylbenzene	11.900	105	3308024	34.737	ppbv	96
68)	1,2,4-Trimethylbenzene	12.154	105	5482443	48.073	ppbv	97
71)	Benzyl chloride	12.248	91	2550414	53.447	ppbv#	94
72)	1,3-Dichlorobenzene	12.265	146	2642778	36.038	ppbv	97
73)	1,4-Dichlorobenzene	12.307	146	3365308	45.031	ppbv	98
74)	sec-Butylbenzene	12.316	105	7347651	42.884	ppbv	97
75)	4-Isopropyltoluene	12.409	119	6764938	42.972	ppbv	95
76)	1,2-Dichlorobenzene	12.520	146	2317690	34.928	ppbv	97
77)	n-Butylbenzene	12.672	91	4582181	37.715	ppbv	99
78)	1,2,4-Trichlorobenzene	13.666	180	1685378	49.506	ppbv	96
79)	Naphthalene	13.760	128	3597580	40.886	ppbv#	98
80)	Hexachlorobutadiene	13.998	225	1909343	46.105	ppbv	98
82]	1,2-Dichlorotetrafluor...	3.853	85	3499372	29.950	ppbv	91
83]	Vinyl Chloride(sim)	3.953	62	993400	27.747	ppbv	97
84]	Bromomethane(sim)	4.291	94	1243940	26.405	ppbv	97
85]	Trichlorofluoromethane...	4.991	101	4084914	35.400	ppbv#	98
86]	1,2-Dichloroethane(sim)	7.434	62	713769	29.479	ppbv	98
87]	1,1,1-Trichloroethane(...	7.591	97	1542428	37.649	ppbv#	93
88]	Benzene(sim)	7.882	78	1562353	30.174	ppbv#	87
89]	Carbon Tetrachloride(sim)	7.972	117	1604420	48.131	ppbv	96
90]	1,1-Dichloroethene(sim)	5.433	61	1521720	28.604	ppbv#	72
91]	Trichlorotrifluoroetha...	5.680	101	3161170	30.019	ppbv#	93
92]	Trans-1,2-Dichloroethe...	6.128	61	648546	30.356	ppbv#	76
93]	1,1-Dichloroethane(sim)	6.261	63	961421	30.239	ppbv	95
94]	Cis-1,2-Dichloroethene...	6.785	61	640913	28.761	ppbv#	82
95]	Chloroform(sim)	6.974	83	1387953	31.413	ppbv#	94
97]	1,2-dichloropropane(sim)	8.370	63	648803	39.430	ppbv#	85
98]	Bromodichloromethane(sim)	8.488	83	1724961	54.592	ppbv	95
99]	Trichloroethene(sim)	8.517	130	1504961	58.649	ppbv	93
100]	1,4-Dioxane(sim)	8.505	88	520739	67.455	ppbv#	69
101]	cis-1,3-Dichloropropen...	9.001	75	1370248	60.856	ppbv	96
102]	1,1,2-Trichloroethane(...	9.414	97	834772	42.414	ppbv	85
103]	Dibromochloromethane(sim)	9.834	129	2270633	78.990	ppbv	98
104]	1,2-Dibromoethane(EDB)...	9.975	107	1484372	49.792	ppbv	91
105]	Tetrachloroethene(sim)	10.221	166	1667070	52.043	ppbv	96
107]	Bromoform(sim)	10.969	173	2211233	52.991	ppbv	98
108]	Ethylbenzene(sim)	10.797	91	3109287	26.296	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	6233979	60.846	ppbv#	92
110]	1,1,2,2-Tetrachloroeth...	11.161	83	2699102	32.907	ppbv	98
113]	Benzyl chloride(sim)	12.251	91	2943349	55.613	ppbv	92
114]	1,3-Dichlorobenzene(sim)	12.265	146	2642778	30.734	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_15.D
Acq On : 17 Mar 2026 11:58 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

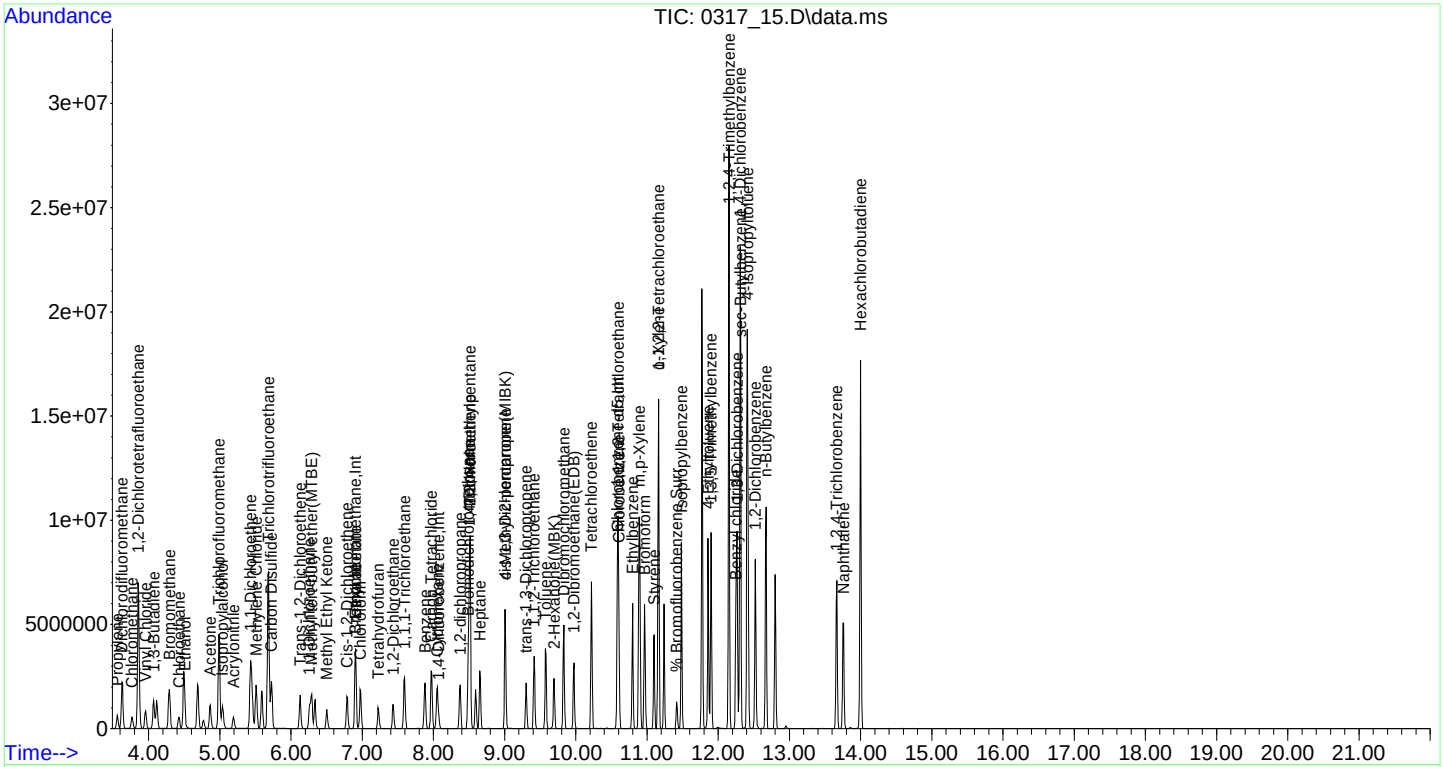
Quant Time: Mar 18 14:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration

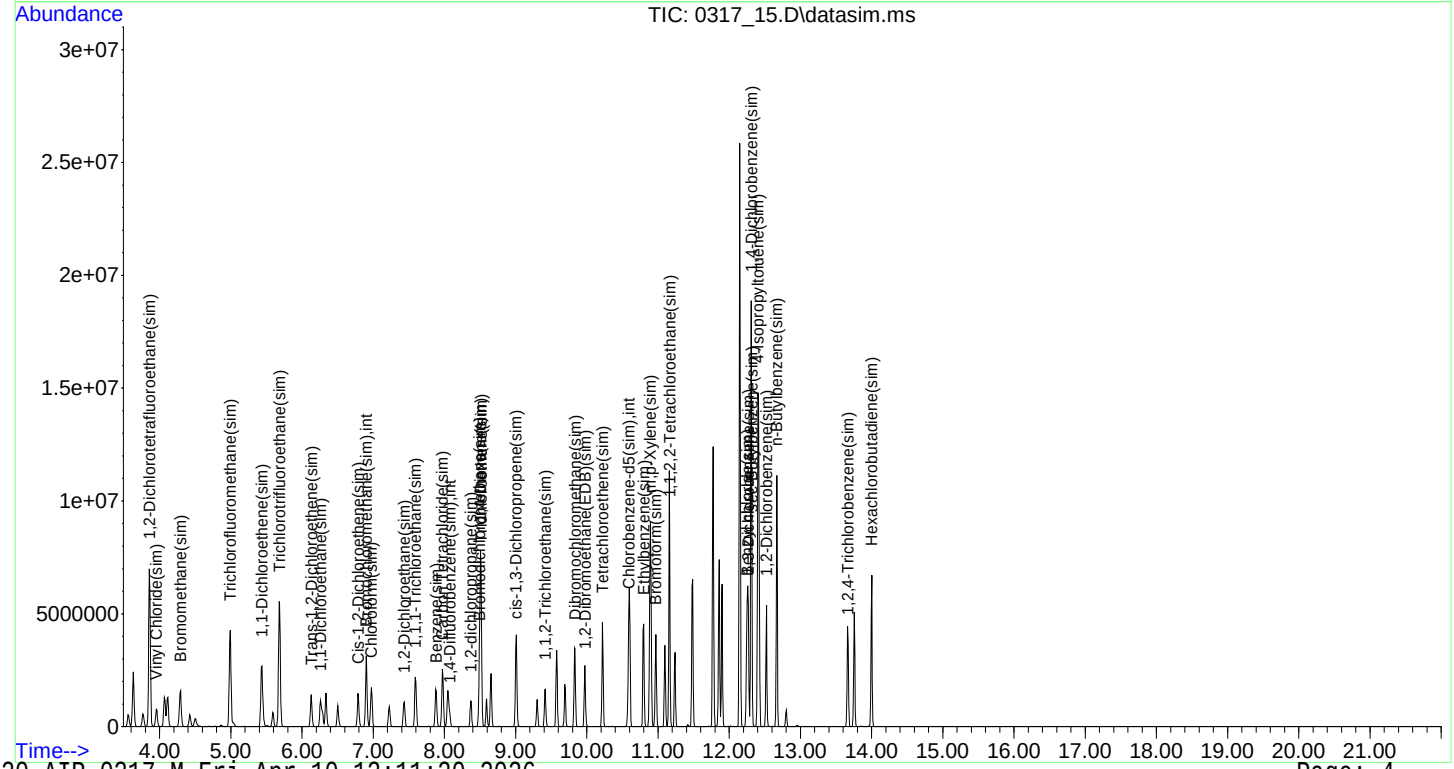
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.310	146	4031738	48.853	ppbv	98
116] sec-Butylbenzene(sim)	12.316	105	7348184	42.038	ppbv	96
117] 4-Isopropyltoluene(sim)	12.404	119	7686573	46.028	ppbv	92
118] 1,2-Dichlorobenzene(sim)	12.520	146	2317031	30.857	ppbv	99
119] n-Butylbenzene(sim)	12.667	91	5139240	41.591	ppbv	96
120] 1,2,4-Trichlorobenzene...	13.666	180	1685378	46.074	ppbv	98
121] Hexachlorobutadiene(sim)	14.001	225	2502726	44.006	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_15.D
Acq On : 17 Mar 2026 11:58 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 18 14:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 14:12:43 2026
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_16.D
Acq On : 18 Mar 2026 12:30 am
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 18 16:16:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.890	130	148262	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	516692	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	220168	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	176346	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	516692	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	220301	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	267631	11.001	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.00%				
Target Compounds							Qvalue
2) Propylene	3.569	41	9716	0.959	ppbv		92
3) Dichlorodifluoromethane	3.626	85	57552	1.084	ppbv#		92
4) Chloromethane	3.772	50	18831	1.109	ppbv		96
5) 1,2-Dichlorotetrafluor...	3.853	85	97055	1.128	ppbv#		89
6) Vinyl Chloride	3.950	62	26540	1.094	ppbv		93
7) 1,3-Butadiene	4.072	54	18047	1.125	ppbv		93
8) Bromomethane	4.283	94	35919	1.114	ppbv#		93
9) Chloroethane	4.421	64	13551	1.070	ppbv		91
11) Ethanol	4.518	45	9244	1.399	ppbv#		68
12) Acetone	4.871	43	39729	1.138	ppbv#		80
13) Trichlorofluoromethane	4.988	101	100672	1.105	ppbv		98
14) Isopropylalcohol	5.049	45	42679	1.130	ppbv#		94
15) Acrylonitrile	5.190	53	12820	1.088	ppbv#		85
16) 1,1-Dichloroethene	5.427	61	44183	1.080	ppbv#		71
17) Methylene Chloride	5.510	49	30127	1.054	ppbv#		61
20) Carbon Disulfide	5.724	76	92316	1.162	ppbv		97
21) Trichlorotrifluoroethane	5.677	101	72685	1.009	ppbv		88
22) Trans-1,2-Dichloroethene	6.128	61	15392	0.947	ppbv#		73
23) 1,1-Dichloroethane	6.258	63	20009	0.914	ppbv		92
24) Methyl tert-butyl ethe...	6.298	73	34435	1.012	ppbv		91
25) Methyl Ethyl Ketone	6.509	43	24354	0.989	ppbv#		87
26) Cis-1,2-Dichloroethene	6.785	61	15080	0.941	ppbv		85
27) Hexane	6.898	57	15148	0.937	ppbv#		94
28) Chloroform	6.971	83	30213	0.997	ppbv		94
29) Ethyl acetate	6.906	61	3492	0.892	ppbv#		88
30) Tetrahydrofuran	7.239	42	13159	1.037	ppbv#		80
31) 1,2-Dichloroethane	7.434	62	17399	0.979	ppbv		99
32) 1,1,1-Trichloroethane	7.588	97	28804	0.971	ppbv		96
33) Benzene	7.874	78	35305	0.895	ppbv#		90
34) Carbon Tetrachloride	7.969	117	28151	1.044	ppbv		99
35) Cyclohexane	8.055	84	16708	0.970	ppbv		86
37) 1,2-dichloropropane	8.375	63	13880	0.922	ppbv#		77
38) Bromodichloromethane	8.488	83	30919	0.894	ppbv		96
39) Trichloroethene	8.514	130	23509	0.933	ppbv		91
40) 2,2,4-trimethylpentane	8.514	57	48678	0.870	ppbv		94
41) 1,4-Dioxane	8.514	88	8761	0.895	ppbv#		72
43) Heptane	8.652	43	19174	0.914	ppbv#		84
44) cis-1,3-Dichloropropene	9.007	75	22052	0.874	ppbv		97
45) 4-Methyl-2-pentanone(M...	9.016	43	36417	1.027	ppbv#		94
46) trans-1,3-Dichloropropene	9.300	75	17218	0.936	ppbv		99
47) 1,1,2-Trichloroethane	9.414	97	16451	0.861	ppbv		97
48) Toluene	9.573	91	47101	0.924	ppbv#		89

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_16.D
Acq On : 18 Mar 2026 12:30 am
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 18 16:16:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	33272	1.050	ppbv	90
50) 2-Hexanone(MBK)	9.695	43	26486	0.920	ppbv#	95
51) 1,2-Dibromoethane(EDB)	9.967	107	28539	0.882	ppbv	87
52) Tetrachloroethene	10.218	166	23476	0.853	ppbv	92
54) 1,1,1,2-Tetrachloroethane	10.584	131	22796	1.095	ppbv	99
55) Chlorobenzene	10.601	112	41480	1.048	ppbv	89
56) Ethylbenzene	10.797	91	56624	1.012	ppbv	98
57) m,p-Xylene	10.890	91	91280	2.133	ppbv	95
58) Bromoform	10.966	173	24759	1.145	ppbv	97
59) Styrene	11.094	104	36620	1.094	ppbv#	85
60) 1,1,2,2-Tetrachloroethane	11.153	83	42207	1.072	ppbv	95
61) o-Xylene	11.161	91	46417	1.017	ppbv	94
64) Isopropylbenzene	11.484	105	68936	1.004	ppbv	96
66) 4-Ethyltoluene	11.857	105	64812	0.967	ppbv#	97
67) 1,3,5-Trimethylbenzene	11.899	105	53967	1.043	ppbv	92
68) 1,2,4-Trimethylbenzene	12.146	105	54806	0.884	ppbv	97
71) Benzyl chloride	12.248	91	25930	0.744	ppbv#	97
72) 1,3-Dichlorobenzene	12.265	146	41370	1.038	ppbv	97
73) 1,4-Dichlorobenzene	12.299	146	40305	0.993	ppbv	97
74) sec-Butylbenzene	12.316	105	85567	0.919	ppbv	97
75) 4-Isopropyltoluene	12.401	119	80071	0.936	ppbv	94
76) 1,2-Dichlorobenzene	12.519	146	39566	1.097	ppbv	99
77) n-Butylbenzene	12.664	91	62579	0.948	ppbv	99
78) 1,2,4-Trichlorobenzene	13.666	180	19646	1.062	ppbv#	84
79) Naphthalene	13.760	128	45558	0.953	ppbv#	99
80) Hexachlorobutadiene	13.998	225	20600	0.915	ppbv	94
82] 1,2-Dichlorotetrafluor...	3.853	85	96974	0.944	ppbv#	89
83] Vinyl Chloride(sim)	3.953	62	30033	0.954	ppbv	96
84] Bromomethane(sim)	4.283	94	35919	0.867	ppbv#	94
85] Trichlorofluoromethane...	4.990	101	119867	1.181	ppbv#	96
86] 1,2-Dichloroethane(sim)	7.434	62	17399	0.817	ppbv	99
87] 1,1,1-Trichloroethane(...	7.591	97	34703	0.963	ppbv#	94
88] Benzene(sim)	7.874	78	35305	0.776	ppbv#	89
89] Carbon Tetrachloride(sim)	7.972	117	33106	1.130	ppbv	97
90] 1,1-Dichloroethene(sim)	5.427	61	44183	0.945	ppbv#	71
91] Trichlorotrifluoroetha...	5.680	101	88745	0.959	ppbv#	92
92] Trans-1,2-Dichloroethe...	6.128	61	15392	0.819	ppbv#	73
93] 1,1-Dichloroethane(sim)	6.261	63	24125	0.863	ppbv	95
94] Cis-1,2-Dichloroethene...	6.785	61	15080	0.770	ppbv	85
95] Chloroform(sim)	6.974	83	33834	0.871	ppbv	95
97] 1,2-dichloropropane(sim)	8.370	63	14927	0.837	ppbv#	88
98] Bromodichloromethane(sim)	8.488	83	30899	0.902	ppbv	94
99] Trichloroethene(sim)	8.508	130	27223	0.978	ppbv	92
100] 1,4-Dioxane(sim)	8.514	88	8761	1.047	ppbv#	70
101] cis-1,3-Dichloropropen...	9.001	75	24861	1.018	ppbv	97
102] 1,1,2-Trichloroethane(...	9.414	97	16451	0.771	ppbv	93
103] Dibromochloromethane(sim)	9.826	129	37568	1.205	ppbv	99
104] 1,2-Dibromoethane(EDB)...	9.967	107	28539	0.883	ppbv	87
105] Tetrachloroethene(sim)	10.221	166	30340	0.874	ppbv	95
107] Bromoform(sim)	10.969	173	31124	1.372	ppbv	98
108] Ethylbenzene(sim)	10.797	91	56624	0.881	ppbv	100
109] m,p-Xylene(sim)	10.893	91	104273	1.872	ppbv	95
110] 1,1,2,2-Tetrachloroeth...	11.153	83	42207	0.947	ppbv	97
113] Benzyl chloride(sim)	12.242	91	28768	1.002	ppbv	96
114] 1,3-Dichlorobenzene(sim)	12.265	146	41370	0.885	ppbv	96

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_16.D
Acq On : 18 Mar 2026 12:30 am
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

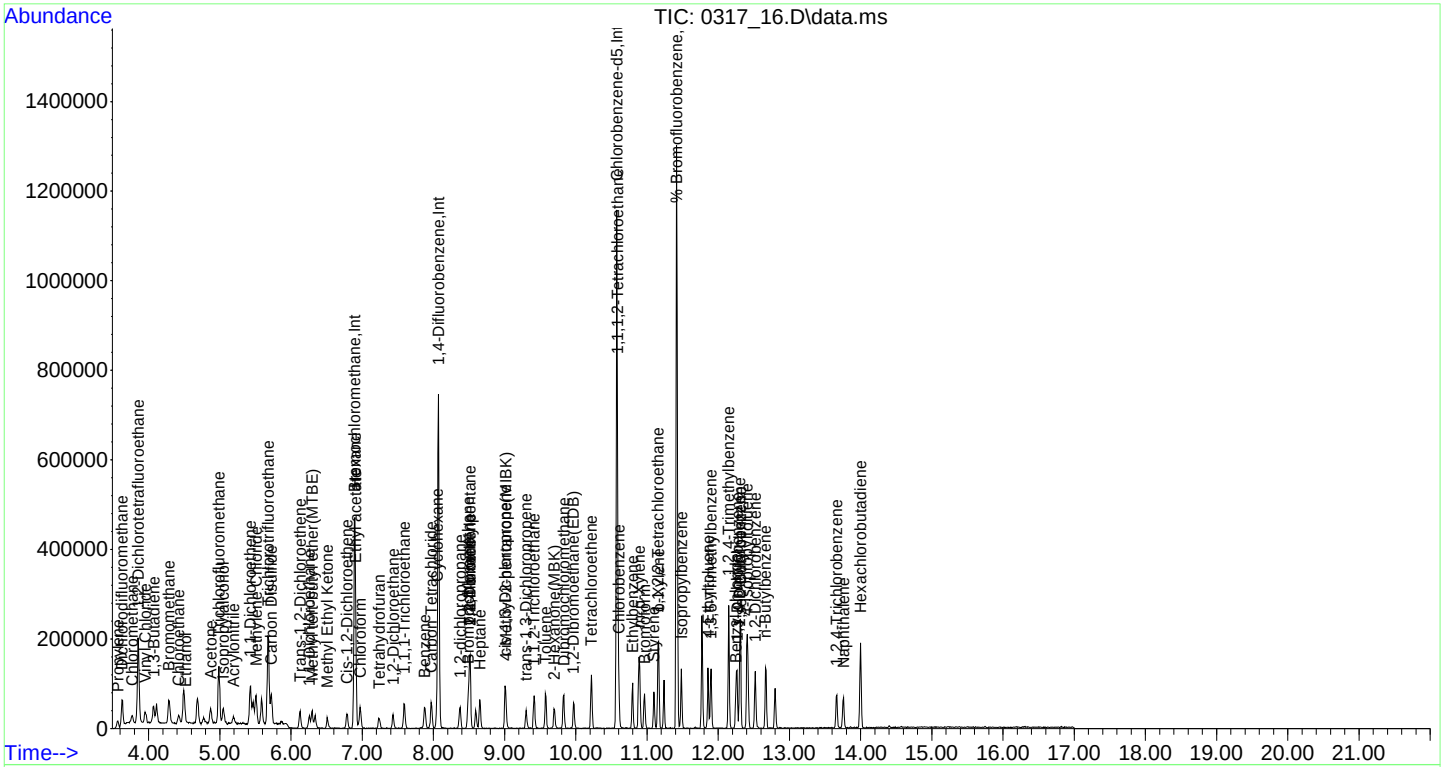
Quant Time: Mar 18 16:16:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

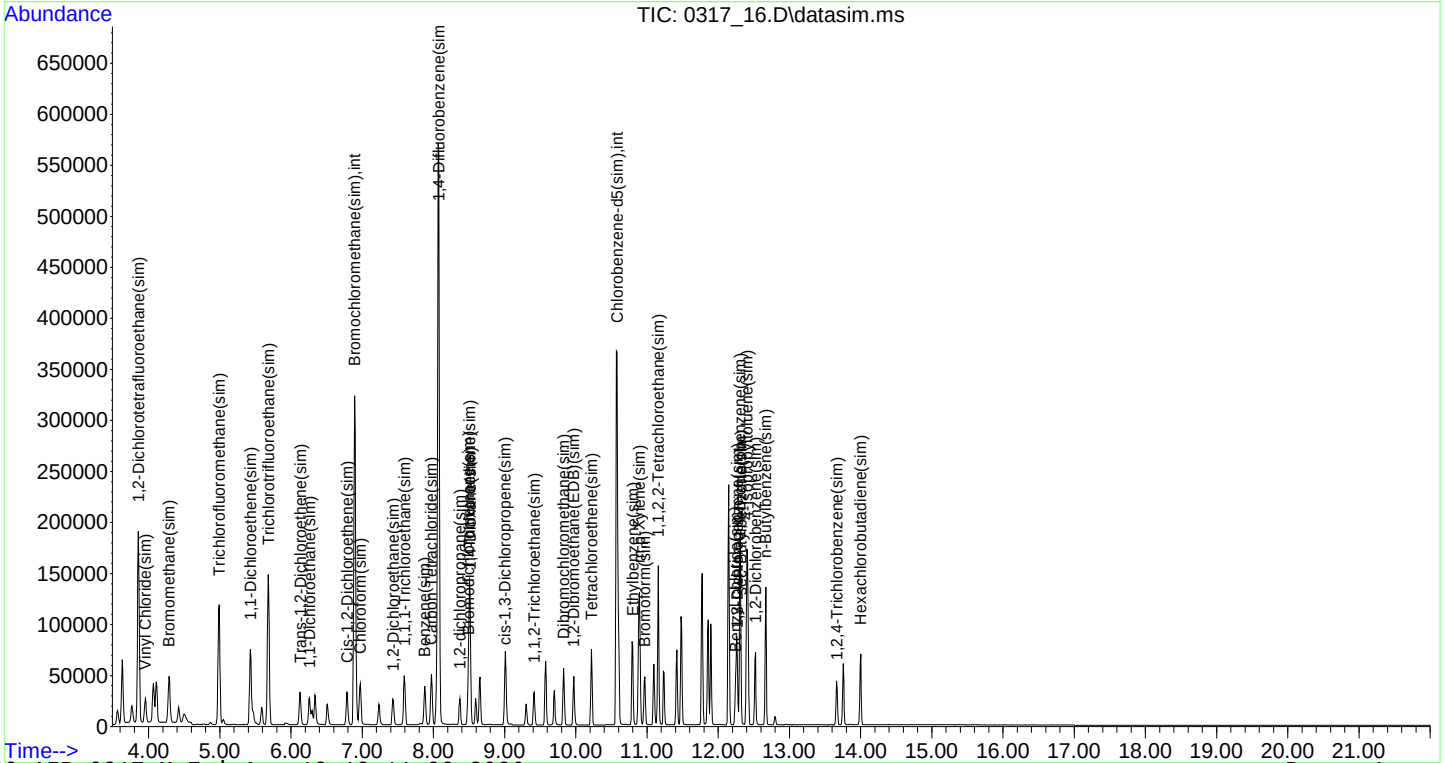
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	47597	1.061	ppbv	98
116] sec-Butylbenzene(sim)	12.316	105	85567	0.901	ppbv	97
117] 4-Isopropyltoluene(sim)	12.403	119	95739	1.055	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.519	146	39566	0.969	ppbv	97
119] n-Butylbenzene(sim)	12.667	91	73137	1.089	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	19883	1.062	ppbv	83
121] Hexachlorobutadiene(sim)	14.001	225	30913	1.024	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_16.D
Acq On : 18 Mar 2026 12:30 am
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 18 16:16:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_17.D
Acq On : 18 Mar 2026 1:02 am
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 18 16:18:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:17:58 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	142862	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	475432	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	242744	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	172555	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	475432	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	242744	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	274355	10.229	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.30%				
Target Compounds							Qvalue
2) Propylene	3.561	41	87467	8.958	ppbv		97
3) Dichlorodifluoromethane	3.626	85	484517	9.472	ppbv	#	95
4) Chloromethane	3.764	50	155136	9.478	ppbv		99
5) 1,2-Dichlorotetrafluor...	3.853	85	774237	9.340	ppbv		88
6) Vinyl Chloride	3.950	62	213377	9.132	ppbv		100
7) 1,3-Butadiene	4.064	54	136602	8.837	ppbv		95
8) Bromomethane	4.291	94	287891	9.269	ppbv		98
9) Chloroethane	4.421	64	112549	9.223	ppbv		88
11) Ethanol	4.510	45	54462	8.554	ppbv	#	74
12) Acetone	4.865	43	310941	9.241	ppbv	#	86
13) Trichlorofluoromethane	4.988	101	837714	9.546	ppbv		96
14) Isopropylalcohol	5.037	45	327786	9.009	ppbv	#	98
15) Acrylonitrile	5.190	53	102175	8.999	ppbv	#	84
16) 1,1-Dichloroethene	5.427	61	374525	9.502	ppbv	#	72
17) Methylene Chloride	5.510	49	235932	8.569	ppbv	#	57
20) Carbon Disulfide	5.724	76	758435	9.906	ppbv		99
21) Trichlorotrifluoroethane	5.677	101	665983	9.598	ppbv	#	83
22) Trans-1,2-Dichloroethene	6.128	61	151884	9.698	ppbv	#	77
23) 1,1-Dichloroethane	6.258	63	204457	9.690	ppbv		98
24) Methyl tert-butyl ethe...	6.290	73	334084	10.193	ppbv	#	85
25) Methyl Ethyl Ketone	6.501	43	223433	9.413	ppbv	#	89
26) Cis-1,2-Dichloroethene	6.785	61	154050	9.974	ppbv	#	85
27) Hexane	6.907	57	159037	10.212	ppbv	#	87
28) Chloroform	6.971	83	286628	9.820	ppbv		94
29) Ethyl acetate	6.907	61	35972	9.540	ppbv	#	85
30) Tetrahydrofuran	7.231	42	118022	9.656	ppbv	#	80
31) 1,2-Dichloroethane	7.434	62	166019	9.690	ppbv		98
32) 1,1,1-Trichloroethane	7.588	97	292252	10.222	ppbv		93
33) Benzene	7.882	78	359732	9.461	ppbv	#	88
34) Carbon Tetrachloride	7.969	117	285639	10.997	ppbv		96
35) Cyclohexane	8.047	84	156250	9.415	ppbv	#	75
37) 1,2-dichloropropane	8.367	63	136960	9.892	ppbv	#	78
38) Bromodichloromethane	8.488	83	335202	10.528	ppbv		94
39) Trichloroethene	8.505	130	240135	10.359	ppbv		94
40) 2,2,4-trimethylpentane	8.514	57	527594	10.243	ppbv		95
41) 1,4-Dioxane	8.497	88	92631	10.282	ppbv	#	77
43) Heptane	8.652	43	192687	9.979	ppbv	#	81
44) cis-1,3-Dichloropropene	9.007	75	243957	10.506	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.007	43	357163	10.942	ppbv	#	95
46) trans-1,3-Dichloropropene	9.300	75	186181	11.002	ppbv		97
47) 1,1,2-Trichloroethane	9.414	97	175074	9.955	ppbv		95
48) Toluene	9.573	91	490048	10.445	ppbv	#	95

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_17.D
Acq On : 18 Mar 2026 1:02 am
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 18 16:18:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:17:58 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	347239	11.911	ppbv	97
50)	2-Hexanone(MBK)	9.695	43	284086	10.729	ppbv#	91
51)	1,2-Dibromoethane(EDB)	9.968	107	315186	10.583	ppbv	91
52)	Tetrachloroethene	10.218	166	254442	10.042	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.585	131	264974	11.541	ppbv	99
55)	Chlorobenzene	10.602	112	446408	10.226	ppbv#	78
56)	Ethylbenzene	10.797	91	646719	10.487	ppbv	97
57)	m,p-Xylene	10.890	91	1016494	21.542	ppbv	96
58)	Bromoform	10.966	173	292130	12.252	ppbv	98
59)	Styrene	11.094	104	391218	10.596	ppbv#	90
60)	1,1,2,2-Tetrachloroethane	11.153	83	451887	10.409	ppbv	95
61)	o-Xylene	11.161	91	540020	10.734	ppbv	97
64)	Isopropylbenzene	11.484	105	783536	10.350	ppbv	98
66)	4-Ethyltoluene	11.857	105	807355	10.929	ppbv#	96
67)	1,3,5-Trimethylbenzene	11.900	105	587439	10.296	ppbv	93
68)	1,2,4-Trimethylbenzene	12.146	105	732878	10.726	ppbv	98
71)	Benzyl chloride	12.248	91	425587	13.170	ppbv#	97
72)	1,3-Dichlorobenzene	12.265	146	464521	10.573	ppbv	97
73)	1,4-Dichlorobenzene	12.299	146	488759	10.916	ppbv	97
74)	sec-Butylbenzene	12.316	105	1081464	10.535	ppbv	97
75)	4-Isopropyltoluene	12.401	119	1015678	10.769	ppbv	95
76)	1,2-Dichlorobenzene	12.520	146	430801	10.837	ppbv	98
77)	n-Butylbenzene	12.664	91	794444	10.914	ppbv	99
78)	1,2,4-Trichlorobenzene	13.666	180	248725	12.195	ppbv	96
79)	Naphthalene	13.751	128	624997	11.856	ppbv#	98
80)	Hexachlorobutadiene	13.998	225	271248	10.933	ppbv	97
82]	1,2-Dichlorotetrafluor...	3.853	85	773758	7.698	ppbv	88
83]	Vinyl Chloride(sim)	3.953	62	239035	7.761	ppbv	97
84]	Bromomethane(sim)	4.291	94	287891	7.103	ppbv	98
85]	Trichlorofluoromethane...	4.991	101	987810	9.950	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.434	62	166019	7.970	ppbv	98
87]	1,1,1-Trichloroethane(...	7.591	97	348118	9.877	ppbv#	94
88]	Benzene(sim)	7.882	78	359732	8.076	ppbv#	87
89]	Carbon Tetrachloride(sim)	7.972	117	343900	11.992	ppbv	97
90]	1,1-Dichloroethene(sim)	5.427	61	374525	8.183	ppbv#	72
91]	Trichlorotrifluoroetha...	5.680	101	772238	8.524	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.128	61	151884	8.264	ppbv#	77
93]	1,1-Dichloroethane(sim)	6.261	63	231192	8.452	ppbv	96
94]	Cis-1,2-Dichloroethene...	6.785	61	154050	8.036	ppbv#	85
95]	Chloroform(sim)	6.974	83	330010	8.682	ppbv#	95
97]	1,2-dichloropropane(sim)	8.370	63	152256	9.275	ppbv#	86
98]	Bromodichloromethane(sim)	8.488	83	335662	10.648	ppbv	94
99]	Trichloroethene(sim)	8.508	130	285338	11.146	ppbv	93
100]	1,4-Dioxane(sim)	8.497	88	92631	12.027	ppbv#	77
101]	cis-1,3-Dichloropropen...	9.001	75	276007	12.287	ppbv	97
102]	1,1,2-Trichloroethane(...	9.414	97	175074	8.916	ppbv	91
103]	Dibromochloromethane(sim)	9.826	129	425104	14.823	ppbv	98
104]	1,2-Dibromoethane(EDB)...	9.968	107	314469	10.573	ppbv	91
105]	Tetrachloroethene(sim)	10.221	166	326313	10.211	ppbv	95
107]	Bromoform(sim)	10.969	173	366885	14.680	ppbv	98
108]	Ethylbenzene(sim)	10.797	91	646719	9.132	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	1184834	19.309	ppbv#	95
110]	1,1,2,2-Tetrachloroeth...	11.153	83	451887	9.199	ppbv	97
113]	Benzyl chloride(sim)	12.242	91	496921	4.484	ppbv	94
114]	1,3-Dichlorobenzene(sim)	12.265	146	464521	9.020	ppbv	99

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_17.D
Acq On : 18 Mar 2026 1:02 am
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

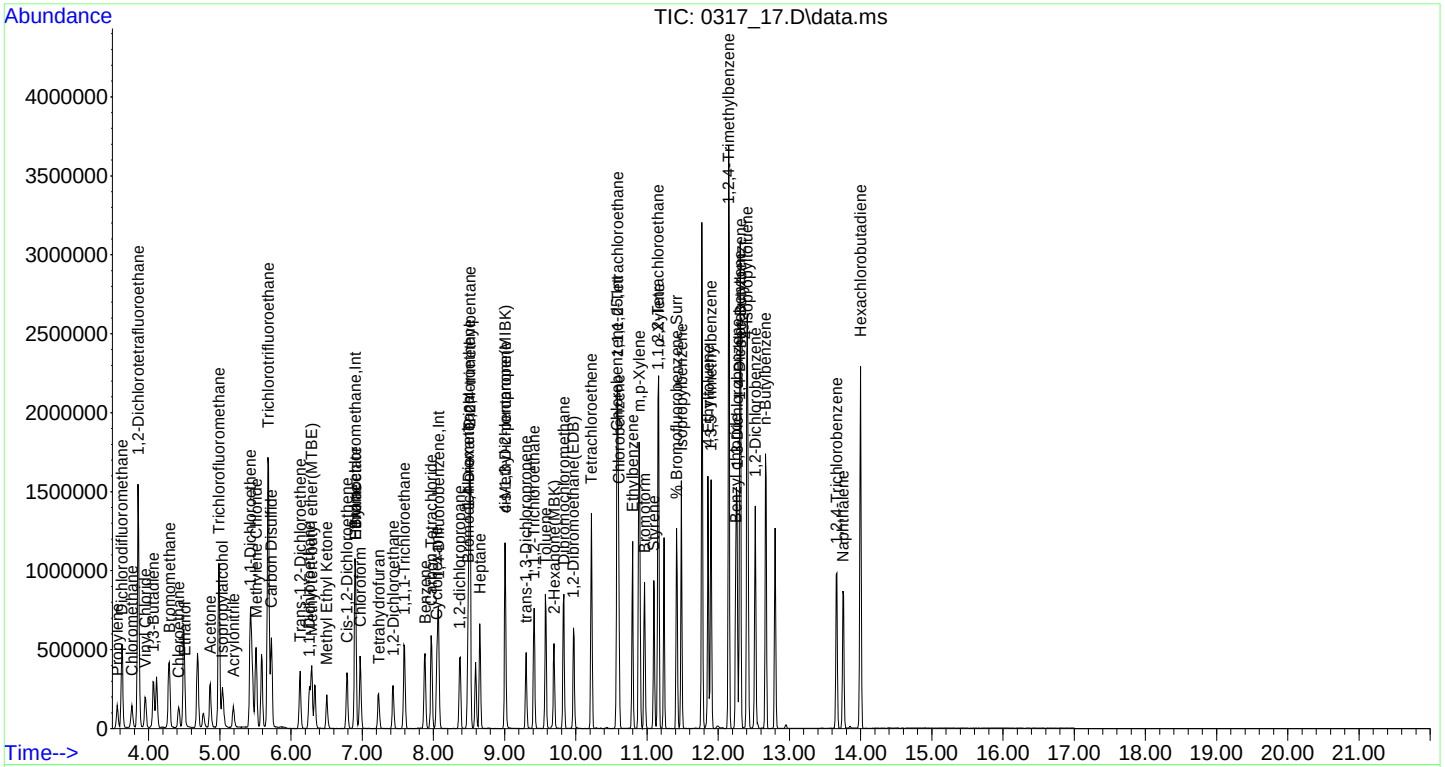
Quant Time: Mar 18 16:18:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:17:58 2026
Response via : Initial Calibration

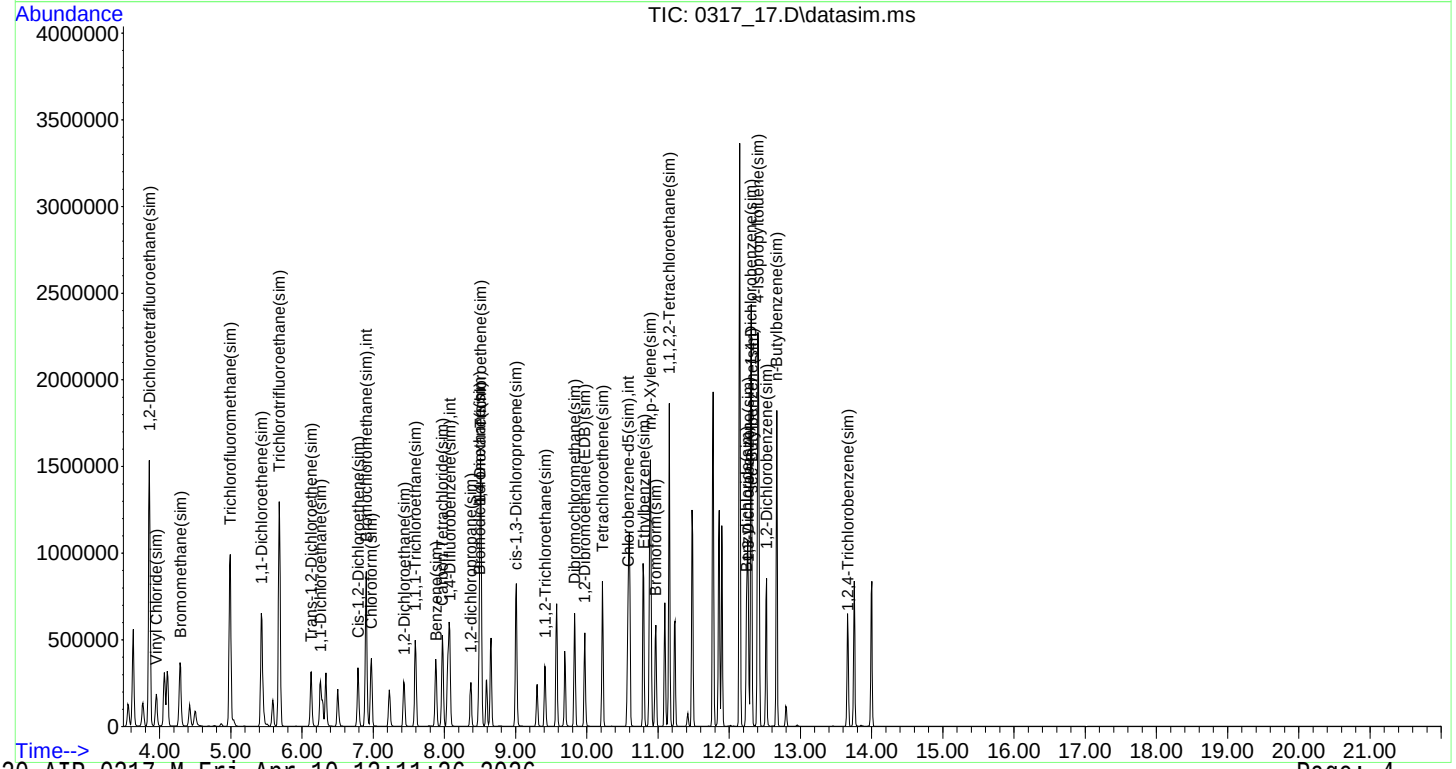
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	588201	11.900	ppbv	99
116] sec-Butylbenzene(sim)	12.316	105	1081464	10.330	ppbv	97
117] 4-Isopropyltoluene(sim)	12.404	119	1216079	12.158	ppbv	94
118] 1,2-Dichlorobenzene(sim)	12.520	146	430792	9.579	ppbv	98
119] n-Butylbenzene(sim)	12.667	91	935723	12.644	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	248725	12.059	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_17.D
Acq On : 18 Mar 2026 1:02 am
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 18 16:18:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:17:58 2026
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No: SAS No: SDG No GCV52023

ICV - Client Id: ICV_CHEM20_0317

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		9.295	93	70	130
Dichlorodifluoromethane	10		9.737	97	70	130
Chloromethane	10		9.998	100	70	130
1,2-Dichlorotetrafluoroethane	10		9.994	100	70	130
Vinyl Chloride	10		9.578	96	70	130
1,3-Butadiene	10		9.102	91	70	130
Bromomethane	10		9.603	96	70	130
Chloroethane	10		9.322	93	70	130
Ethanol	10		9.926	99	70	130
Acetone	10		9.360	94	70	130
Trichlorofluoromethane	10		9.626	96	70	130
Isopropylalcohol	10		9.216	92	70	130
Acrylonitrile	10		11.58	116	70	130
1,1-Dichloroethene	10		9.376	94	70	130
Methylene Chloride	10		8.355	84	70	130
Carbon Disulfide	10		9.915	99	70	130
Trichlorotrifluoroethane	10		9.392	94	70	130
Trans-1,2-Dichloroethene	10		9.716	97	70	130
1,1-Dichloroethane	10		9.750	98	70	130
Methyl tert-butyl ether(MTBE)	10		10.15	102	70	130
Methyl Ethyl Ketone	10		9.508	95	70	130
Cis-1,2-Dichloroethene	10		9.847	98	70	130
Hexane	10		10.26	103	70	130
Chloroform	10		9.548	95	70	130
Ethyl acetate	10		10.09	101	70	130
Tetrahydrofuran	10		9.104	91	70	130
1,2-Dichloroethane	10		9.759	98	70	130
1,1,1-Trichloroethane	10		10.22	102	70	130
Benzene	10		9.621	96	70	130
Carbon Tetrachloride	10		11.31	113	70	130
Cyclohexane	10		9.379	94	70	130
1,2-dichloropropane	10		10.14	101	70	130
Bromodichloromethane	10		10.46	105	70	130
Trichloroethene	10		10.19	102	70	130
2,2,4-trimethylpentane	10		10.11	101	70	130
1,4-Dioxane	10		10.91	109	70	130
Heptane	10		10.25	103	70	130
cis-1,3-Dichloropropene	10		10.49	105	70	130
4-Methyl-2-pentanone(MIBK)	10		10.84	108	70	130
trans-1,3-Dichloropropene	10		11.10	111	70	130
1,1,2-Trichloroethane	10		10.29	103	70	130
Toluene	10		10.41	104	70	130
Dibromochloromethane	10		12.28	123	70	130
2-Hexanone(MBK)	10		10.97	110	70	130

FORM III AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No: SAS No: SDG No GCV52023

ICV - Client Id: ICV_CHEM20_0317

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.49	105	70	130
Tetrachloroethene	10		10.01	100	70	130
1,1,1,2-Tetrachloroethane	10		11.19	112	70	130
Chlorobenzene	10		10.10	101	70	130
Ethylbenzene	10		10.52	105	70	130
m,p-Xylene	20		21.07	105	70	130
Bromoform	10		12.22	122	70	130
Styrene	10		10.40	104	70	130
1,1,2,2-Tetrachloroethane	10		10.26	103	70	130
o-Xylene	10		10.60	106	70	130
Isopropylbenzene	10		9.288	93	70	130
4-Ethyltoluene	10		10.64	106	70	130
1,3,5-Trimethylbenzene	10		10.27	103	70	130
1,2,4-Trimethylbenzene	10		10.64	106	70	130
Benzyl chloride	10		11.08	111	70	130
1,3-Dichlorobenzene	10		10.50	105	70	130
1,4-Dichlorobenzene	10		10.74	107	70	130
sec-Butylbenzene	10		9.631	96	70	130
4-Isopropyltoluene	10		9.663	97	70	130
1,2-Dichlorobenzene	10		10.49	105	70	130
n-Butylbenzene	10		9.756	98	70	130
1,2,4-Trichlorobenzene	10		10.52	105	70	130
Naphthalene	10		10.15	102	70	130
Hexachlorobutadiene	10		9.259	93	70	130

FORM III AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_18.D
Acq On : 18 Mar 2026 1:36 am
Operator :
Client ID : ICV_CHEM20_0317
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 18 16:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	144624	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	481188	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	247517	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	174008	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	481188	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	247517	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	278429	10.180	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.80%				
Target Compounds							Qvalue
2) Propylene	3.561	41	91884	9.295	ppbv		98
3) Dichlorodifluoromethane	3.626	85	504231	9.737	ppbv#		95
4) Chloromethane	3.764	50	165658	9.997	ppbv		97
5) 1,2-Dichlorotetrafluor...	3.853	85	838645	9.993	ppbv#		89
6) Vinyl Chloride	3.950	62	226563	9.578	ppbv		99
7) 1,3-Butadiene	4.072	54	142438	9.102	ppbv		96
8) Bromomethane	4.291	94	301939	9.603	ppbv		99
9) Chloroethane	4.421	64	115161	9.322	ppbv		87
11) Ethanol	4.510	45	63976	9.926	ppbv#		80
12) Acetone	4.865	43	318816	9.360	ppbv#		86
13) Trichlorofluoromethane	4.987	101	855190	9.626	ppbv		97
14) Isopropylalcohol	5.037	45	339449	9.216	ppbv#		99
15) Acrylonitrile	5.190	53	133086	11.579	ppbv#		86
16) 1,1-Dichloroethene	5.433	61	374128	9.376	ppbv#		73
17) Methylene Chloride	5.510	49	232889	8.355	ppbv#		55
20) Carbon Disulfide	5.724	76	768433	9.915	ppbv		100
21) Trichlorotrifluoroethane	5.677	101	659756	9.392	ppbv#		84
22) Trans-1,2-Dichloroethene	6.128	61	154042	9.716	ppbv#		75
23) 1,1-Dichloroethane	6.258	63	208266	9.750	ppbv		97
24) Methyl tert-butyl ethe...	6.290	73	336810	10.151	ppbv#		86
25) Methyl Ethyl Ketone	6.501	43	228480	9.508	ppbv#		90
26) Cis-1,2-Dichloroethene	6.785	61	153961	9.847	ppbv#		84
27) Hexane	6.906	57	161782	10.262	ppbv#		86
28) Chloroform	6.971	83	282102	9.548	ppbv		94
29) Ethyl acetate	6.906	61	38519	10.091	ppbv#		87
30) Tetrahydrofuran	7.223	42	112654	9.104	ppbv#		80
31) 1,2-Dichloroethane	7.434	62	169252	9.758	ppbv		99
32) 1,1,1-Trichloroethane	7.596	97	295760	10.218	ppbv		94
33) Benzene	7.882	78	370311	9.621	ppbv#		88
34) Carbon Tetrachloride	7.969	117	297309	11.307	ppbv		99
35) Cyclohexane	8.047	84	157563	9.379	ppbv#		75
37) 1,2-dichloropropane	8.375	63	142161	10.145	ppbv#		79
38) Bromodichloromethane	8.488	83	336948	10.456	ppbv		93
39) Trichloroethene	8.514	130	238959	10.185	ppbv		94
40) 2,2,4-trimethylpentane	8.514	57	527295	10.115	ppbv		95
41) 1,4-Dioxane	8.505	88	99457	10.907	ppbv#		74
43) Heptane	8.652	43	200285	10.248	ppbv#		82
44) cis-1,3-Dichloropropene	9.007	75	246591	10.492	ppbv		98
45) 4-Methyl-2-pentanone(M...	9.007	43	358019	10.837	ppbv#		95
46) trans-1,3-Dichloropropene	9.300	75	190122	11.101	ppbv		98
47) 1,1,2-Trichloroethane	9.414	97	183134	10.289	ppbv		89
48) Toluene	9.573	91	494248	10.409	ppbv		97

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_18.D
Acq On : 18 Mar 2026 1:36 am
Operator :
Client ID : ICV_CHEM20_0317
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 18 16:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	362300	12.279	ppbv	95
50)	2-Hexanone(MBK)	9.694	43	293901	10.967	ppbv#	92
51)	1,2-Dibromoethane(EDB)	9.967	107	316326	10.494	ppbv	94
52)	Tetrachloroethene	10.218	166	256823	10.015	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.584	131	261857	11.186	ppbv	97
55)	Chlorobenzene	10.601	112	449675	10.102	ppbv#	77
56)	Ethylbenzene	10.797	91	661687	10.522	ppbv	97
57)	m,p-Xylene	10.890	91	1013983	21.074	ppbv	95
58)	Bromoform	10.966	173	297217	12.225	ppbv	97
59)	Styrene	11.093	104	391633	10.402	ppbv#	91
60)	1,1,2,2-Tetrachloroethane	11.153	83	454050	10.257	ppbv	99
61)	o-Xylene	11.161	91	543807	10.600	ppbv	96
64)	Isopropylbenzene	11.484	105	716963	9.288	ppbv	98
66)	4-Ethyltoluene	11.857	105	801724	10.643	ppbv	97
67)	1,3,5-Trimethylbenzene	11.899	105	597608	10.272	ppbv	93
68)	1,2,4-Trimethylbenzene	12.146	105	741593	10.645	ppbv	97
71)	Benzyl chloride	12.248	91	437577	11.079	ppbv#	96
72)	1,3-Dichlorobenzene	12.265	146	470375	10.500	ppbv	99
73)	1,4-Dichlorobenzene	12.307	146	490272	10.739	ppbv	98
74)	sec-Butylbenzene	12.316	105	1008028	9.631	ppbv	97
75)	4-Isopropyltoluene	12.400	119	929262	9.663	ppbv	96
76)	1,2-Dichlorobenzene	12.519	146	425173	10.489	ppbv	95
77)	n-Butylbenzene	12.664	91	724063	9.756	ppbv	99
78)	1,2,4-Trichlorobenzene	13.666	180	218756	10.519	ppbv	94
79)	Naphthalene	13.751	128	545428	10.147	ppbv#	98
80)	Hexachlorobutadiene	13.998	225	234249	9.259	ppbv	99
82]	1,2-Dichlorotetrafluor...	3.853	85	838399	8.271	ppbv	89
83]	Vinyl Chloride(sim)	3.953	62	255944	8.240	ppbv	97
84]	Bromomethane(sim)	4.291	94	301939	7.388	ppbv	99
85]	Trichlorofluoromethane...	4.990	101	1001760	10.007	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.434	62	169252	8.057	ppbv	99
87]	1,1,1-Trichloroethane(...	7.591	97	353645	9.950	ppbv#	94
88]	Benzene(sim)	7.882	78	370311	8.244	ppbv#	86
89]	Carbon Tetrachloride(sim)	7.972	117	352704	12.196	ppbv	97
90]	1,1-Dichloroethene(sim)	5.433	61	374128	8.106	ppbv#	73
91]	Trichlorotrifluoroetha...	5.680	101	773410	8.466	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.128	61	154042	8.311	ppbv#	75
93]	1,1-Dichloroethane(sim)	6.261	63	233462	8.464	ppbv	96
94]	Cis-1,2-Dichloroethene...	6.785	61	153961	7.964	ppbv#	84
95]	Chloroform(sim)	6.974	83	333191	8.692	ppbv#	95
97]	1,2-dichloropropane(sim)	8.370	63	153326	9.228	ppbv#	87
98]	Bromodichloromethane(sim)	8.488	83	336948	10.561	ppbv	92
99]	Trichloroethene(sim)	8.508	130	285870	11.033	ppbv	93
100]	1,4-Dioxane(sim)	8.505	88	99457	12.759	ppbv#	74
101]	cis-1,3-Dichloropropen...	9.001	75	278396	12.245	ppbv	97
102]	1,1,2-Trichloroethane(...	9.414	97	183134	9.215	ppbv	86
103]	Dibromochloromethane(sim)	9.826	129	436154	15.027	ppbv	98
104]	1,2-Dibromoethane(EDB)...	9.967	107	315608	10.485	ppbv	94
105]	Tetrachloroethene(sim)	10.221	166	331032	10.235	ppbv	95
107]	Bromoform(sim)	10.969	173	376423	14.771	ppbv	98
108]	Ethylbenzene(sim)	10.797	91	661687	9.163	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	1196380	19.121	ppbv#	95
110]	1,1,2,2-Tetrachloroeth...	11.153	83	453488	9.053	ppbv	98
113]	Benzyl chloride(sim)	12.242	91	514898	4.522	ppbv	94
114]	1,3-Dichlorobenzene(sim)	12.265	146	470375	8.957	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_18.D
Acq On : 18 Mar 2026 1:36 am
Operator :
Client ID : ICV_CHEM20_0317
Lab ID : 10 ppbv LCS
ALS Vial : 27 Sample Multiplier: 1

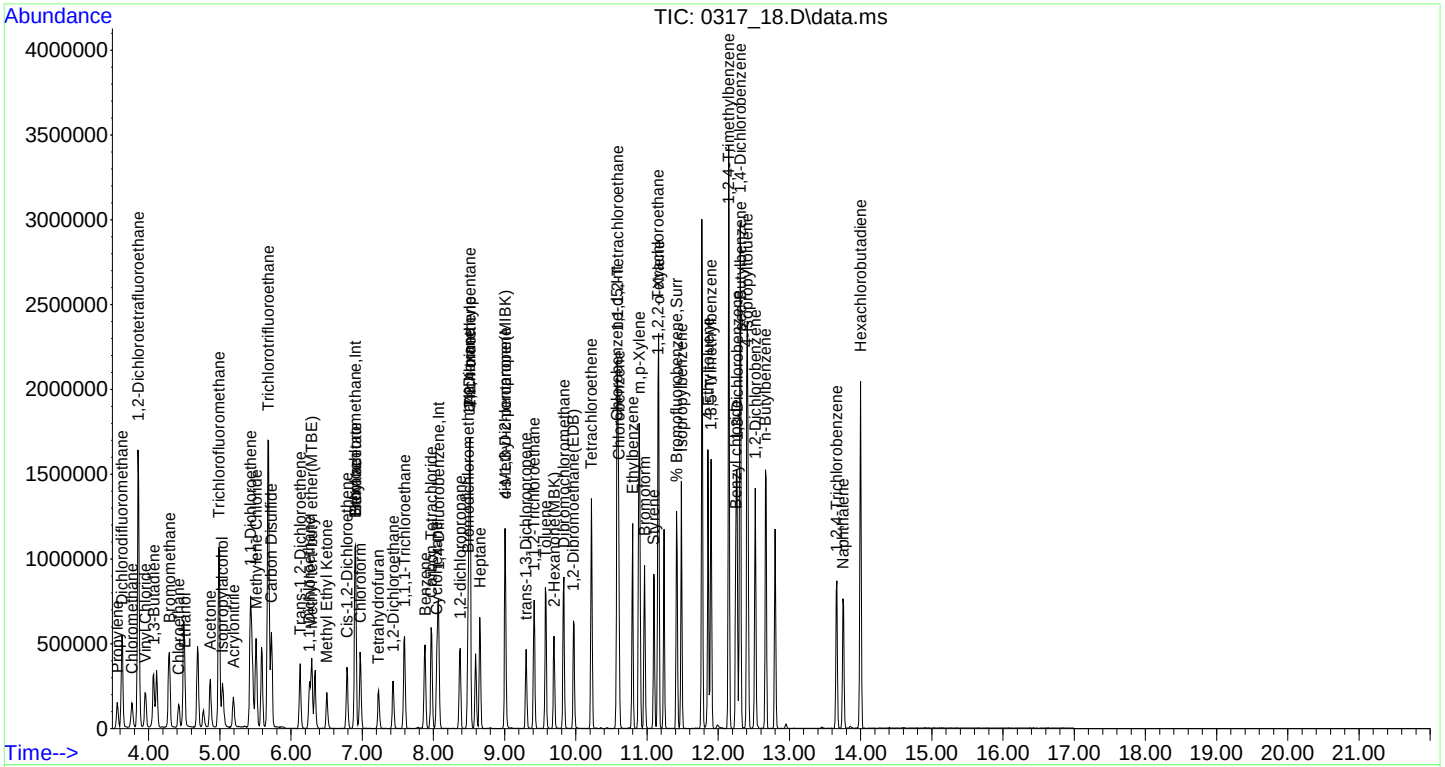
Quant Time: Mar 18 16:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

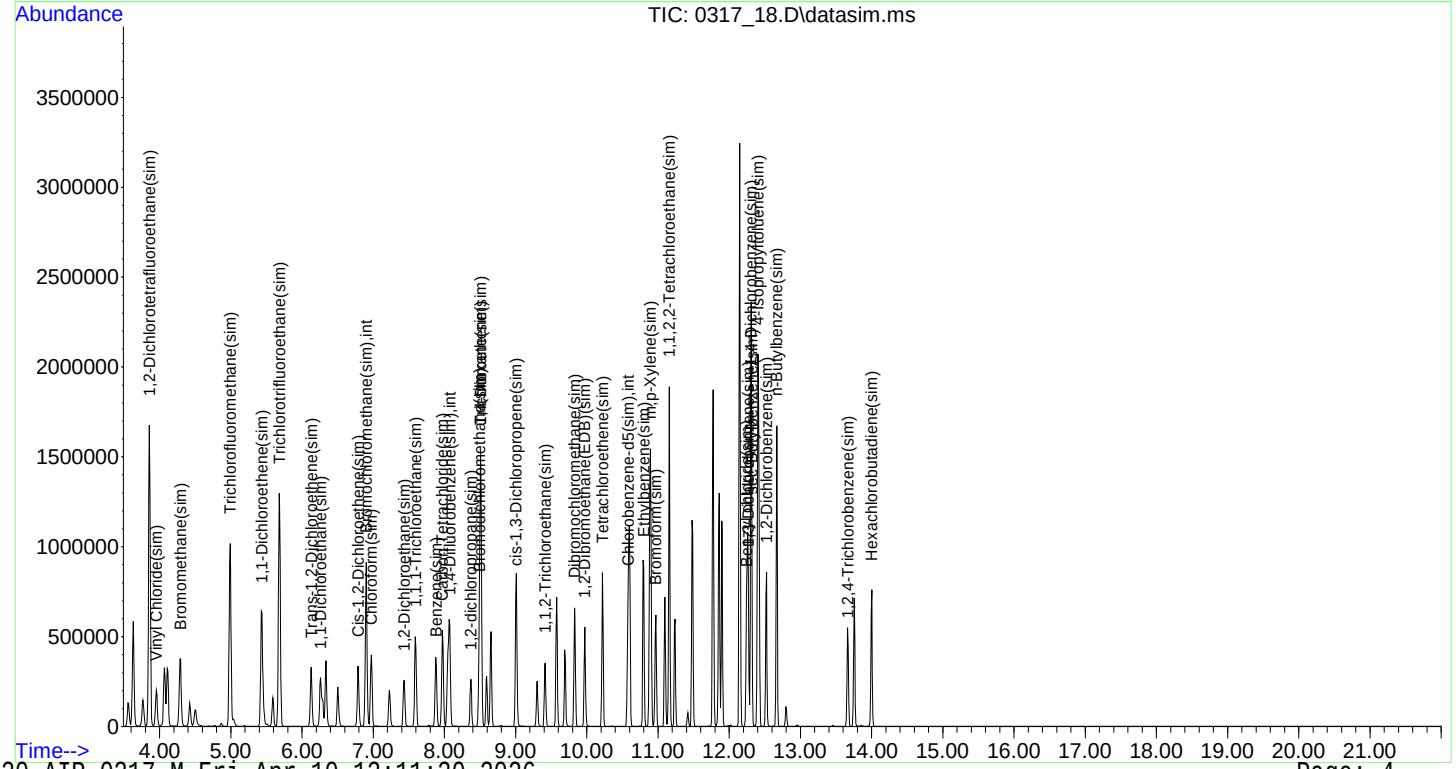
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.301	146	590848	11.723	ppbv	99
116] sec-Butylbenzene(sim)	12.316	105	1008028	9.443	ppbv	97
117] 4-Isopropyltoluene(sim)	12.403	119	1112884	10.912	ppbv	94
118] 1,2-Dichlorobenzene(sim)	12.519	146	425173	9.272	ppbv	97
119] n-Butylbenzene(sim)	12.667	91	853512	11.310	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.666	180	218756	10.401	ppbv	96
121] Hexachlorobutadiene(sim)	14.001	225	322611	14.009	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\17A\
Data File : 0317_18.D
Acq On : 18 Mar 2026 1:36 am
Operator :
Client ID : ICV_CHEM20_0317
Lab ID : 10 ppbv LCS
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 18 16:14:36 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/18/26 Time: 14:15

Lab File Id: 0318_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.683	0.710		-4.0	30
Dichlorodifluoromethane	3.581	3.686		-2.9	30
Chloromethane	1.146	1.252		-9.2	30
1,2-Dichlorotetrafluoroethane	5.803	6.018		-3.7	30
Vinyl Chloride	1.636	1.729		-5.7	30
1,3-Butadiene	1.082	1.032		4.6	30
Bromomethane	2.174	2.222		-2.2	30
Chloroethane	0.854	0.882		-3.3	30
Ethanol	0.446	0.459		-2.9	30
Acetone	2.355	2.631		-11.7	30
Trichlorofluoromethane	6.143	6.301		-2.6	30
Isopropylalcohol	2.547	2.676		-5.1	30
Acrylonitrile	0.795	0.797		-0.3	30
1,1-Dichloroethene	2.759	2.966		-7.5	30
Methylene Chloride	1.927	1.942		-0.8	30
Carbon Disulfide	5.359	6.176		-15.2	30
Trichlorotrifluoroethane	4.857	5.316		-9.5	30
Trans-1,2-Dichloroethene	1.096	1.237		-12.9	30
1,1-Dichloroethane	1.477	1.549		-4.9	30
Methyl tert-butyl ether(MTBE)	2.294	2.324		-1.3	30
Methyl Ethyl Ketone	1.662	1.640		1.3	30
Cis-1,2-Dichloroethene	1.081	1.119		-3.5	30
Hexane	1.090	1.142		-4.8	30
Chloroform	2.043	2.100		-2.8	30
Ethyl acetate	0.264	0.264		0.0	30
Tetrahydrofuran	0.856	0.852		0.5	30
1,2-Dichloroethane	1.199	1.208		-0.8	30
1,1,1-Trichloroethane	2.001	2.032		-1.5	30
Benzene	2.661	2.550		4.2	30
Carbon Tetrachloride	1.818	1.838		-1.1	30
Cyclohexane	1.162	1.224		-5.3	30
1,2-dichloropropane	0.291	0.272		6.5	30
Bromodichloromethane	0.670	0.552		17.6	30
Trichloroethene	0.488	0.445		8.8	30
2,2,4-trimethylpentane	1.083	0.983		9.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/18/26 Time: 14:15

Lab File Id: 0318_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.189	0.143		24.3	30
Heptane	0.406	0.353		13.1	30
cis-1,3-Dichloropropene	0.488	0.418		14.3	30
4-Methyl-2-pentanone(MIBK)	0.687	0.578		15.9	30
trans-1,3-Dichloropropene	0.356	0.282		20.8	30
1,1,2-Trichloroethane	0.370	0.363		1.9	30
Toluene	0.987	0.967		2.0	30
Dibromochloromethane	0.613	0.521		15.0	30
2-Hexanone(MBK)	0.557	0.483		13.3	30
1,2-Dibromoethane(EDB)	0.626	0.557		11.0	30
Tetrachloroethene	0.533	0.481		9.8	30
1,1,1,2-Tetrachloroethane	0.946	0.928		1.9	30
Chlorobenzene	1.798	1.870		-4.0	30
Ethylbenzene	2.541	2.756		-8.5	30
m,p-Xylene	1.944	1.633		16.0	30
Bromoform	0.982	0.881		10.3	30
Styrene	1.521	1.477		2.9	30
1,1,2,2-Tetrachloroethane	1.789	1.812		-1.3	30
o-Xylene	2.073	2.050		1.1	30
Isopropylbenzene	3.119	3.221		-3.3	30
4-Ethyltoluene	3.043	3.062		-0.6	30
1,3,5-Trimethylbenzene	2.350	2.342		0.3	30
1,2,4-Trimethylbenzene	2.815	2.469		12.3	30
Benzyl chloride qfi	1.000	0.72		28.0 #	20
1,3-Dichlorobenzene	1.810	1.781		1.6	30
1,4-Dichlorobenzene	1.844	1.759		4.6	30
sec-Butylbenzene	4.229	3.935		7.0	30
4-Isopropyltoluene	3.885	3.627		6.6	30
1,2-Dichlorobenzene	1.638	1.618		1.2	30
n-Butylbenzene	2.999	2.747		8.4	30
1,2,4-Trichlorobenzene	0.840	0.736		12.4	30
Naphthalene	2.172	1.699		21.8	30
Hexachlorobutadiene	1.022	0.870		14.9	30
1,2-Dichlorotetrafluoroethane(sim)	5.825	4.925		15.5	30
Vinyl Chloride(sim)	1.785	1.571		12.0	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/18/26 Time: 14:15

Lab File Id: 0318_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND		RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		2.349	1.819		22.6	30
Trichlorofluoromethane(sim)		5.753	6.245		-8.6	30
1,2-Dichloroethane(sim)		1.207	0.989		18.1	30
1,1,1-Trichloroethane(sim)		2.043	1.924		5.8	30
Benzene(sim)		2.581	2.087		19.1	30
Carbon Tetrachloride(sim)		1.662	1.693		-1.9	30
1,1-Dichloroethene(sim)		2.652	2.427		8.5	30
Trichlorotrifluoroethane(sim)		5.250	5.011		4.6	30
Trans-1,2-Dichloroethene(sim)		1.065	1.012		5.0	30
1,1-Dichloroethane(sim)		1.585	1.476		6.9	30
Cis-1,2-Dichloroethene(sim)		1.111	0.916		17.6	30
Chloroform(sim)		2.203	2.009		8.8	30
1,2-dichloropropane(sim)		0.345	0.301		12.8	30
Bromodichloromethane(sim)		0.663	0.560		15.5	30
Trichloroethene(sim)		0.538	0.517		3.9	30
1,4-Dioxane(sim)		0.162	0.143		11.7	30
cis-1,3-Dichloropropene(sim)		0.472	0.467		1.1	30
1,1,2-Trichloroethane(sim)		0.413	0.365		11.6	30
Dibromochloromethane(sim)		0.603	0.648		-7.5	30
1,2-Dibromoethane(EDB)(sim)		0.626	0.557		11.0	30
Tetrachloroethene(sim)		0.672	0.606		9.8	30
Bromoform(sim)		1.030	1.098		-6.6	30
Ethylbenzene(sim)		2.917	2.755		5.6	30
m,p-Xylene(sim)		2.528	2.382		5.8	30
1,1,2,2-Tetrachloroethane(sim)		2.024	1.811		10.5	30
Benzyl chloride(sim)	q	1.000	1.02		-2.0	20
1,3-Dichlorobenzene(sim)		2.122	1.780		16.1	30
1,4-Dichlorobenzene(sim)		2.036	2.076		-2.0	30
sec-Butylbenzene(sim)		4.313	3.933		8.8	30
4-Isopropyltoluene(sim)		4.120	4.346		-5.5	30
1,2-Dichlorobenzene(sim)		1.853	1.626		12.3	30
n-Butylbenzene(sim)		3.049	3.317		-8.8	30
1,2,4-Trichlorobenzene(sim)		0.850	0.749		11.9	30
Hexachlorobutadiene(sim)	q	1.000	0.99		1.0	20
% Bromofluorobenzene		1.105	1.219		-10.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Evaluate Continuing Calibration Report

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
1	Int	Bromochloromethane	1.000	1.000	0.0	88
2		Propylene	0.683	0.710	-4.0	
3		Dichlorodifluoromethane	3.581	3.686	-2.9	
4		Chloromethane	1.146	1.252	-9.2	
5		1,2-Dichlorotetrafluoroetha	5.803	6.018	-3.7	
6		Vinyl Chloride	1.636	1.729	-5.7	
7		1,3-Butadiene	1.082	1.032	4.6	
8		Bromomethane	2.174	2.222	-2.2	
9		Chloroethane	0.854	0.882	-3.3	
11		Ethanol	0.446	0.459	-2.9	
12		Acetone	2.355	2.631	-11.7	
13		Trichlorofluoromethane	6.143	6.301	-2.6	
14		Isopropylalcohol	2.547	2.676	-5.1	
15		Acrylonitrile	0.795	0.797	-0.3	
16		1,1-Dichloroethene	2.759	2.966	-7.5	
17		Methylene Chloride	1.927	1.942	-0.8	
20		Carbon Disulfide	5.359	6.176	-15.2	
21		Trichlorotrifluoroethane	4.857	5.316	-9.5	
22		Trans-1,2-Dichloroethene	1.096	1.237	-12.9	
23		1,1-Dichloroethane	1.477	1.549	-4.9	
24		Methyl tert-butyl ether(MTB	2.294	2.324	-1.3	
25		Methyl Ethyl Ketone	1.662	1.640	1.3	
26		Cis-1,2-Dichloroethene	1.081	1.119	-3.5	
27		Hexane	1.090	1.142	-4.8	
28		Chloroform	2.043	2.100	-2.8	
29		Ethyl acetate	0.264	0.264	0.0	
30		Tetrahydrofuran	0.856	0.852	0.5	
31		1,2-Dichloroethane	1.199	1.208	-0.8	
32		1,1,1-Trichloroethane	2.001	2.032	-1.5	
33		Benzene	2.661	2.550	4.2	
34		Carbon Tetrachloride	1.818	1.838	-1.1	
35		Cyclohexane	1.162	1.224	-5.3	
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	91
37		1,2-dichloropropane	0.291	0.272	6.5	
38		Bromodichloromethane	0.670	0.552	17.6	
39		Trichloroethene	0.488	0.445	8.8	
40		2,2,4-trimethylpentane	1.083	0.983	9.2	
41		1,4-Dioxane	0.189	0.143	24.3	
43		Heptane	0.406	0.353	13.1	
44		cis-1,3-Dichloropropene	0.488	0.418	14.3	
45		4-Methyl-2-pentanone(MIBK)	0.687	0.578	15.9	
46		trans-1,3-Dichloropropene	0.356	0.282	20.8	
47		1,1,2-Trichloroethane	0.370	0.363	1.9	
48		Toluene	0.987	0.967	2.0	
49		Dibromochloromethane	0.613	0.521	15.0	
50		2-Hexanone(MBK)	0.557	0.483	13.3	
51		1,2-Dibromoethane(EDB)	0.626	0.557	11.0	
52		Tetrachloroethene	0.533	0.481	9.8	
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	93

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	
54		1,1,1,2-Tetrachloroethane	0.946	0.928	1.9		
55		Chlorobenzene	1.798	1.870	-4.0		
56		Ethylbenzene	2.541	2.756	-8.5		
57		m,p-Xylene	1.944	1.633	16.0		
58		Bromoform	0.982	0.881	10.3		
59		Styrene	1.521	1.477	2.9		
60		1,1,2,2-Tetrachloroethane	1.789	1.812	-1.3		
61		o-Xylene	2.073	2.050	1.1		
62	Surr	% Bromofluorobenzene	1.105	1.219	-10.3		
64		Isopropylbenzene	3.119	3.221	-3.3		
66		4-Ethyltoluene	3.043	3.062	-0.6		
67		1,3,5-Trimethylbenzene	2.350	2.342	0.3		
68		1,2,4-Trimethylbenzene	2.815	2.469	12.3		
71	qf	Benzyl chloride	1.000	0.721	27.9		
72		1,3-Dichlorobenzene	1.810	1.781	1.6		
73		1,4-Dichlorobenzene	1.844	1.759	4.6		
74		sec-Butylbenzene	4.229	3.935	7.0		
75		4-Isopropyltoluene	3.885	3.627	6.6		
76		1,2-Dichlorobenzene	1.638	1.618	1.2		
77		n-Butylbenzene	2.999	2.747	8.4		
78		1,2,4-Trichlorobenzene	0.840	0.736	12.4		
79		Naphthalene	2.172	1.699	21.8		
80		Hexachlorobutadiene	1.022	0.870	14.9		
81	int	Bromochloromethane(sim)	1.000	1.000	0.0	91	
82		1,2-Dichlorotetrafluoroetha	5.825	4.925	15.5		
83		Vinyl Chloride(sim)	1.785	1.571	12.0		
84		Bromomethane(sim)	2.349	1.819	22.6		
85		Trichlorofluoromethane(sim)	5.753	6.245	-8.6		
86		1,2-Dichloroethane(sim)	1.207	0.989	18.1		
87		1,1,1-Trichloroethane(sim)	2.043	1.924	5.8		
88		Benzene(sim)	2.581	2.087	19.1		
89		Carbon Tetrachloride(sim)	1.662	1.693	-1.9		
90		1,1-Dichloroethene(sim)	2.652	2.427	8.5		
91		Trichlorotrifluoroethane(si	5.250	5.011	4.6		
92		Trans-1,2-Dichloroethene(si	1.065	1.012	5.0		
93		1,1-Dichloroethane(sim)	1.585	1.476	6.9		
94		Cis-1,2-Dichloroethene(sim)	1.111	0.916	17.6		
95		Chloroform(sim)	2.203	2.009	8.8		
96	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	91	
97		1,2-dichloropropane(sim)	0.345	0.301	12.8		
98		Bromodichloromethane(sim)	0.663	0.560	15.5		
99		Trichloroethene(sim)	0.538	0.517	3.9		
100		1,4-Dioxane(sim)	0.162	0.143	11.7		
101		cis-1,3-Dichloropropene(sim	0.472	0.467	1.1		
102		1,1,2-Trichloroethane(sim)	0.413	0.365	11.6		
103		Dibromochloromethane(sim)	0.603	0.648	-7.5		
104		1,2-Dibromoethane(EDB)(sim)	0.626	0.557	11.0		
105		Tetrachloroethene(sim)	0.672	0.606	9.8		

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
106	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	93
107		Bromoform(sim)	1.030	1.098	-6.6	
108		Ethylbenzene(sim)	2.917	2.755	5.6	
109		m,p-Xylene(sim)	2.528	2.382	5.8	
110		1,1,2,2-Tetrachloroethane(s	2.024	1.811	10.5	
113	qf	Benzyl chloride(sim)	1.000	1.021	-2.1	
114		1,3-Dichlorobenzene(sim)	2.122	1.780	16.1	
115		1,4-Dichlorobenzene(sim)	2.036	2.076	-2.0	
116		sec-Butylbenzene(sim)	4.313	3.933	8.8	
117		4-Isopropyltoluene(sim)	4.120	4.346	-5.5	
118		1,2-Dichlorobenzene(sim)	1.853	1.626	12.3	
119		n-Butylbenzene(sim)	3.049	3.317	-8.8	
120		1,2,4-Trichlorobenzene(sim)	0.850	0.749	11.9	
121	qf	Hexachlorobutadiene(sim)	1.000	0.985	1.5	

(#)=Out of Range l=linear, lf=liner(0,0), q=quadratic, qf=quadratic(0,0)
Laboratory Warning Limits Out = 0

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	130709	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	469290	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	205074	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	159713	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	469290	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	205186	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	249993	11.032	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.30%				
Target Compounds							Qvalue
2) Propylene	3.569	41	9279	1.039	ppbv		92
3) Dichlorodifluoromethane	3.634	85	48176	1.029	ppbv		98
4) Chloromethane	3.772	50	16361	1.093	ppbv		99
5) 1,2-Dichlorotetrafluor...	3.853	85	78661	1.037	ppbv	#	85
6) Vinyl Chloride	3.958	62	22598	1.057	ppbv		94
7) 1,3-Butadiene	4.072	54	13494	0.954	ppbv		96
8) Bromomethane	4.291	94	29047	1.022	ppbv	#	96
9) Chloroethane	4.421	64	11534	1.033	ppbv		97
11) Ethanol	4.518	45	6002	1.030	ppbv		93
12) Acetone	4.871	43	34384	1.117	ppbv	#	89
13) Trichlorofluoromethane	4.994	101	82362	1.026	ppbv		99
14) Isopropylalcohol	5.043	45	34981	1.051	ppbv	#	96
15) Acrylonitrile	5.196	53	10418	1.003	ppbv		86
16) 1,1-Dichloroethene	5.433	61	38767	1.075	ppbv	#	74
17) Methylene Chloride	5.510	49	25378	1.007	ppbv	#	54
20) Carbon Disulfide	5.725	76	80726	1.152	ppbv		98
21) Trichlorotrifluoroethane	5.683	101	69479	1.094	ppbv	#	82
22) Trans-1,2-Dichloroethene	6.128	61	16170	1.129	ppbv	#	70
23) 1,1-Dichloroethane	6.258	63	20242	1.049	ppbv		97
24) Methyl tert-butyl ethe...	6.298	73	30375	1.013	ppbv	#	91
25) Methyl Ethyl Ketone	6.509	43	21440	0.987	ppbv	#	83
26) Cis-1,2-Dichloroethene	6.785	61	14632	1.035	ppbv	#	90
27) Hexane	6.907	57	14928	1.048	ppbv	#	93
28) Chloroform	6.971	83	27453	1.028	ppbv		94
29) Ethyl acetate	6.915	61	3445	0.999	ppbv	#	92
30) Tetrahydrofuran	7.239	42	11135	0.996	ppbv	#	69
31) 1,2-Dichloroethane	7.434	62	15794	1.008	ppbv		91
32) 1,1,1-Trichloroethane	7.596	97	26562	1.015	ppbv		91
33) Benzene	7.882	78	33330	0.987	ppbv	#	87
34) Carbon Tetrachloride	7.978	117	24026	1.011	ppbv		97
35) Cyclohexane	8.055	84	15998	1.054	ppbv	#	88
37) 1,2-dichloropropane	8.376	63	12778	0.935	ppbv	#	81
38) Bromodichloromethane	8.488	83	25885	0.824	ppbv		91
39) Trichloroethene	8.514	130	20868	0.912	ppbv		95
40) 2,2,4-trimethylpentane	8.514	57	46124	0.907	ppbv	#	89
41) 1,4-Dioxane	8.505	88	6703	0.754	ppbv	#	88
43) Heptane	8.652	43	16577	0.870	ppbv	#	78
44) cis-1,3-Dichloropropene	9.007	75	19610	0.856	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.016	43	27147	0.843	ppbv	#	94
46) trans-1,3-Dichloropropene	9.308	75	13217	0.791	ppbv	#	79
47) 1,1,2-Trichloroethane	9.414	97	17051	0.982	ppbv	#	85
48) Toluene	9.581	91	45362	0.980	ppbv	#	93

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	24451	0.786	ppbv	99
50)	2-Hexanone(MBK)	9.702	43	22685	0.868	ppbv#	90
51)	1,2-Dibromoethane(EDB)	9.975	107	26122	0.889	ppbv	95
52)	Tetrachloroethene	10.225	166	22555	0.902	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.585	131	19029	0.981	ppbv	96
55)	Chlorobenzene	10.602	112	38340	1.040	ppbv	92
56)	Ethylbenzene	10.797	91	56523	1.098	ppbv	93
57)	m,p-Xylene	10.890	91	83737	2.127	ppbv	97
58)	Bromoform	10.966	173	18071	0.897	ppbv	96
59)	Styrene	11.102	104	30284	0.971	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.162	83	37163	1.013	ppbv	96
61)	o-Xylene	11.162	91	42031	0.972	ppbv	95
64)	Isopropylbenzene	11.484	105	66060	1.033	ppbv	99
66)	4-Ethyltoluene	11.857	105	62800	1.006	ppbv	99
67)	1,3,5-Trimethylbenzene	11.900	105	48025	0.996	ppbv	95
68)	1,2,4-Trimethylbenzene	12.146	105	50643	0.877	ppbv	95
71)	Benzyl chloride	12.248	91	18928	0.721	ppbv	95
72)	1,3-Dichlorobenzene	12.265	146	36529	0.984	ppbv	95
73)	1,4-Dichlorobenzene	12.307	146	36074	0.954	ppbv	94
74)	sec-Butylbenzene	12.316	105	80695	0.931	ppbv	96
75)	4-Isopropyltoluene	12.401	119	74376	0.933	ppbv	97
76)	1,2-Dichlorobenzene	12.520	146	33175	0.988	ppbv	97
77)	n-Butylbenzene	12.673	91	56329	0.916	ppbv	99
78)	1,2,4-Trichlorobenzene	13.667	180	15098	0.876	ppbv	94
79)	Naphthalene	13.760	128	34848	0.782	ppbv#	97
80)	Hexachlorobutadiene	13.998	225	17841	0.851	ppbv	93
82]	1,2-Dichlorotetrafluor...	3.853	85	78658	0.986	ppbv#	85
83]	Vinyl Chloride(sim)	3.961	62	25091	0.998	ppbv	96
84]	Bromomethane(sim)	4.291	94	29047	0.954	ppbv#	97
85]	Trichlorofluoromethane...	4.991	101	99736	0.989	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.434	62	15794	0.983	ppbv	91
87]	1,1,1-Trichloroethane(...	7.599	97	30726	1.028	ppbv#	94
88]	Benzene(sim)	7.882	78	33330	0.979	ppbv#	86
89]	Carbon Tetrachloride(sim)	7.972	117	27033	1.094	ppbv	97
90]	1,1-Dichloroethene(sim)	5.433	61	38767	1.008	ppbv#	74
91]	Trichlorotrifluoroetha...	5.686	101	80032	1.007	ppbv#	91
92]	Trans-1,2-Dichloroethe...	6.128	61	16170	1.088	ppbv#	70
93]	1,1-Dichloroethane(sim)	6.261	63	23578	1.037	ppbv	96
94]	Cis-1,2-Dichloroethene...	6.785	61	14632	1.013	ppbv#	90
95]	Chloroform(sim)	6.974	83	32094	1.023	ppbv	95
97]	1,2-dichloropropane(sim)	8.370	63	14121	0.985	ppbv#	87
98]	Bromodichloromethane(sim)	8.488	83	26283	0.955	ppbv	92
99]	Trichloroethene(sim)	8.517	130	24285	0.987	ppbv	93
100]	1,4-Dioxane(sim)	8.505	88	6703	0.893	ppbv#	76
101]	cis-1,3-Dichloropropen...	9.010	75	21893	1.042	ppbv	97
102]	1,1,2-Trichloroethane(...	9.414	97	17126	1.040	ppbv	81
103]	Dibromochloromethane(sim)	9.834	129	30390	1.106	ppbv	99
104]	1,2-Dibromoethane(EDB)...	9.975	107	26122	0.997	ppbv	94
105]	Tetrachloroethene(sim)	10.221	166	28423	0.971	ppbv	95
107]	Bromoform(sim)	10.969	173	22531	1.036	ppbv	98
108]	Ethylbenzene(sim)	10.797	91	56523	1.063	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	97747	1.983	ppbv	96
110]	1,1,2,2-Tetrachloroeth...	11.162	83	37163	1.007	ppbv	99
113]	Benzyl chloride(sim)	12.242	91	20690	1.021	ppbv	97
114]	1,3-Dichlorobenzene(sim)	12.265	146	36529	1.017	ppbv	93

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

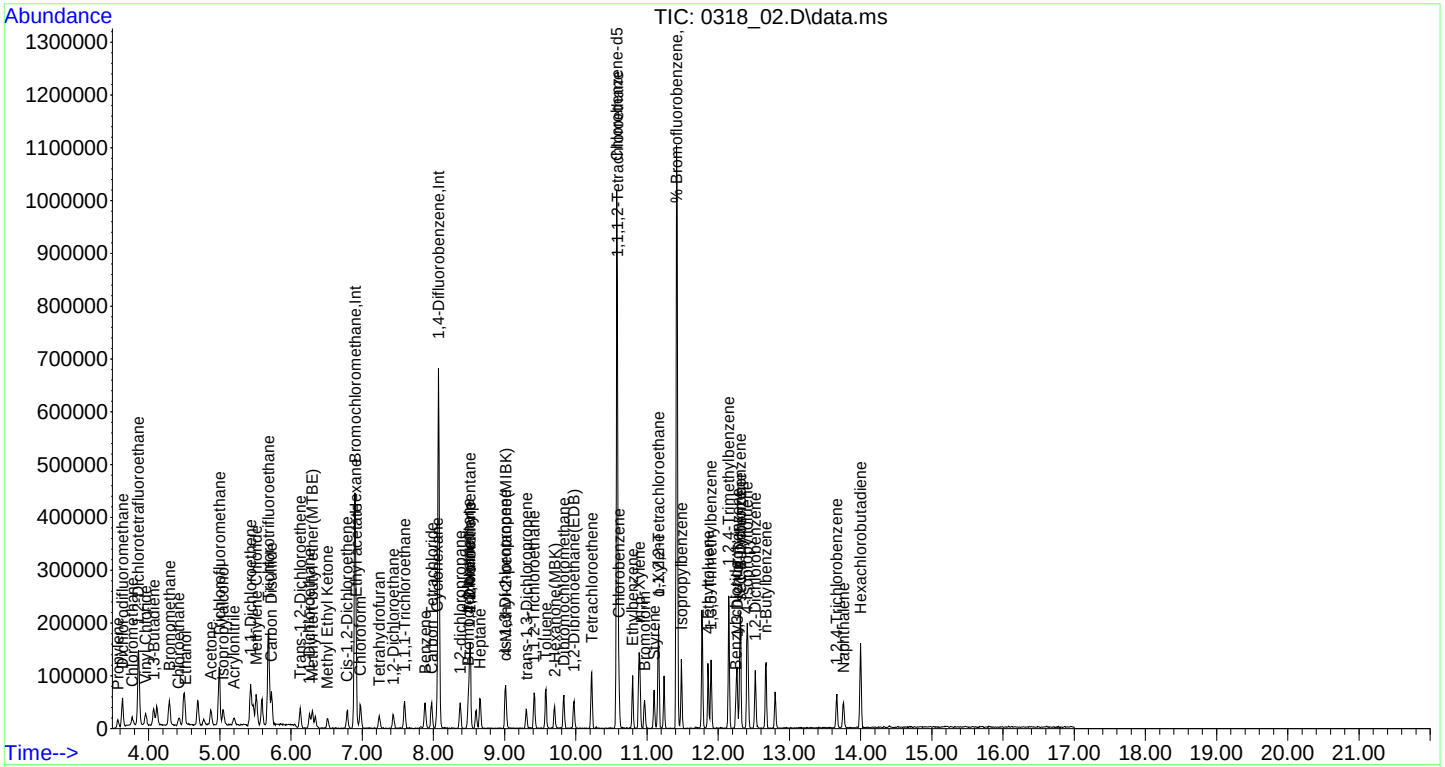
Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

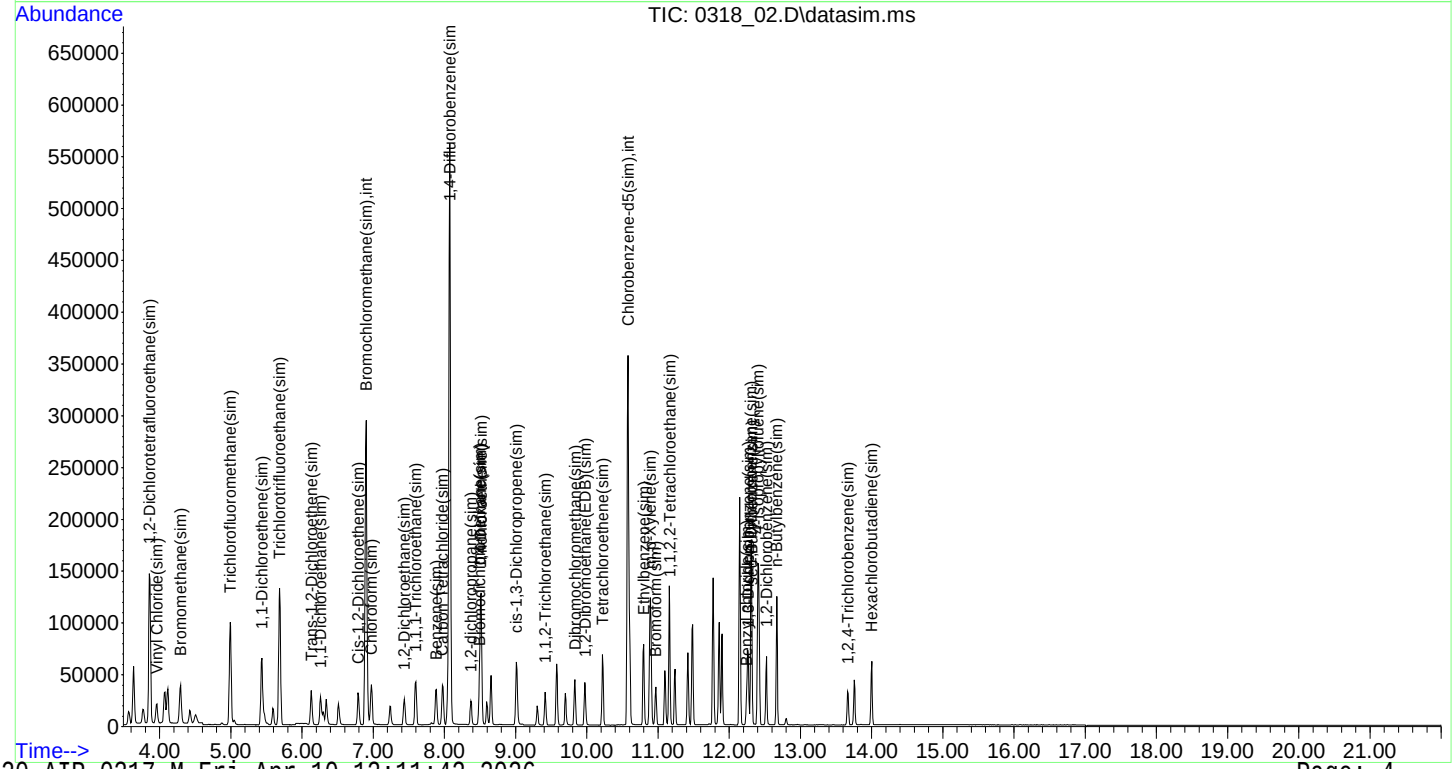
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	42600	1.018	ppbv	98
116] sec-Butylbenzene(sim)	12.316	105	80695	0.981	ppbv	96
117] 4-Isopropyltoluene(sim)	12.404	119	89166	1.027	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.520	146	33356	0.987	ppbv	95
119] n-Butylbenzene(sim)	12.667	91	68051	1.042	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.667	180	15371	1.004	ppbv	95
121] Hexachlorobutadiene(sim)	14.001	225	26882	0.985	ppbv	98

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2026 2:15 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1518L - 1ppb cCal; TO1518L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 15:10:20 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/19/26 Time: 10:56

Lab File Id: 0319_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	0.683	0.725		-6.1	30
Dichlorodifluoromethane	3.581	3.159		11.8	30
Chloromethane	1.146	1.226		-7.0	30
1,2-Dichlorotetrafluoroethane	5.803	5.668		2.3	30
Vinyl Chloride	1.636	1.560		4.6	30
1,3-Butadiene	1.082	1.028		5.0	30
Bromomethane	2.174	2.239		-3.0	30
Chloroethane	0.854	0.799		6.4	30
Ethanol	0.446	0.511		-14.6	30
Acetone	2.355	2.361		-0.3	30
Trichlorofluoromethane	6.143	5.865		4.5	30
Isopropylalcohol	2.547	2.507		1.6	30
Acrylonitrile	0.795	0.757		4.8	30
1,1-Dichloroethene	2.759	1.358		50.8 #	30
Methylene Chloride	1.927	1.077		44.1 #	30
Carbon Disulfide	5.359	2.704		49.5 #	30
Trichlorotrifluoroethane	4.857	2.221		54.3 #	30
Trans-1,2-Dichloroethene	1.096	1.119		-2.1	30
1,1-Dichloroethane	1.477	1.604		-8.6	30
Methyl tert-butyl ether(MTBE)	2.294	2.229		2.8	30
Methyl Ethyl Ketone	1.662	1.612		3.0	30
Cis-1,2-Dichloroethene	1.081	1.037		4.1	30
Hexane	1.090	1.134		-4.0	30
Chloroform	2.043	2.247		-10.0	30
Ethyl acetate	0.264	0.265		-0.4	30
Tetrahydrofuran	0.856	0.893		-4.3	30
1,2-Dichloroethane	1.199	1.161		3.2	30
1,1,1-Trichloroethane	2.001	1.896		5.2	30
Benzene	2.661	2.600		2.3	30
Carbon Tetrachloride	1.818	1.565		13.9	30
Cyclohexane	1.162	1.197		-3.0	30
1,2-dichloropropane	0.291	0.263		9.6	30
Bromodichloromethane	0.670	0.644		3.9	30
Trichloroethene	0.488	0.395		19.1	30
2,2,4-trimethylpentane	1.083	0.939		13.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/19/26 Time: 10:56

Lab File Id: 0319_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.189	0.153		19.0	30
Heptane	0.406	0.409		-0.7	30
cis-1,3-Dichloropropene	0.488	0.379		22.3	30
4-Methyl-2-pentanone(MIBK)	0.687	0.558		18.8	30
trans-1,3-Dichloropropene	0.356	0.284		20.2	30
1,1,2-Trichloroethane	0.370	0.338		8.6	30
Toluene	0.987	0.888		10.0	30
Dibromochloromethane	0.613	0.544		11.3	30
2-Hexanone(MBK)	0.557	0.503		9.7	30
1,2-Dibromoethane(EDB)	0.626	0.574		8.3	30
Tetrachloroethene	0.533	0.468		12.2	30
1,1,1,2-Tetrachloroethane	0.946	0.944		0.2	30
Chlorobenzene	1.798	1.884		-4.8	30
Ethylbenzene	2.541	2.600		-2.3	30
m,p-Xylene	1.944	1.591		18.2	30
Bromoform	0.982	0.893		9.1	30
Styrene	1.521	1.437		5.5	30
1,1,2,2-Tetrachloroethane	1.789	1.736		3.0	30
o-Xylene	2.073	2.173		-4.8	30
Isopropylbenzene	3.119	3.113		0.2	30
4-Ethyltoluene	3.043	3.118		-2.5	30
1,3,5-Trimethylbenzene	2.350	2.485		-5.7	30
1,2,4-Trimethylbenzene	2.815	2.395		14.9	30
Benzyl chloride qfi	1.000	0.70		30.0 #	20
1,3-Dichlorobenzene	1.810	1.621		10.4	30
1,4-Dichlorobenzene	1.844	1.675		9.2	30
sec-Butylbenzene	4.229	3.879		8.3	30
4-Isopropyltoluene	3.885	3.663		5.7	30
1,2-Dichlorobenzene	1.638	1.572		4.0	30
n-Butylbenzene	2.999	2.722		9.2	30
1,2,4-Trichlorobenzene	0.840	0.572		31.9 #	30
Naphthalene	2.172	1.536		29.3	30
Hexachlorobutadiene	1.022	0.885		13.4	30
1,2-Dichlorotetrafluoroethane(sim)	5.825	4.683		19.6	30
Vinyl Chloride(sim)	1.785	1.494		16.3	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ENVIROTR

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCV52023

Instrument: CHEM20 Calibration Date: 03/19/26 Time: 10:56

Lab File Id: 0319_02.D Init. Calib. Date(s): 03/17/26 03/18/26

Heated Purge (Y/N): Y Init. Calib. Times: 16:37 01:02

GC Column: RTX-1 60M Method File: x20_AIR_0317.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		2.349	1.853		21.1	30
Trichlorofluoromethane(sim)		5.753	5.856		-1.8	30
1,2-Dichloroethane(sim)		1.207	0.961		20.4	30
1,1,1-Trichloroethane(sim)		2.043	1.879		8.0	30
Benzene(sim)		2.581	2.152		16.6	30
Carbon Tetrachloride(sim)		1.662	1.674		-0.7	30
1,1-Dichloroethene(sim)		2.652	1.124		57.6 #	30
Trichlorotrifluoroethane(sim)		5.250	2.122		59.6 #	30
Trans-1,2-Dichloroethene(sim)		1.065	0.927		13.0	30
1,1-Dichloroethane(sim)		1.585	1.398		11.8	30
Cis-1,2-Dichloroethene(sim)		1.111	0.859		22.7	30
Chloroform(sim)		2.203	1.984		9.9	30
1,2-dichloropropane(sim)		0.345	0.299		13.3	30
Bromodichloromethane(sim)		0.663	0.644		2.9	30
Trichloroethene(sim)		0.538	0.503		6.5	30
1,4-Dioxane(sim)		0.162	0.153		5.6	30
cis-1,3-Dichloropropene(sim)		0.472	0.447		5.3	30
1,1,2-Trichloroethane(sim)		0.413	0.350		15.3	30
Dibromochloromethane(sim)		0.603	0.666		-10.4	30
1,2-Dibromoethane(EDB)(sim)		0.626	0.569		9.1	30
Tetrachloroethene(sim)		0.672	0.581		13.5	30
Bromoform(sim)		1.030	1.167		-13.3	30
Ethylbenzene(sim)		2.917	2.600		10.9	30
m,p-Xylene(sim)		2.528	2.322		8.1	30
1,1,2,2-Tetrachloroethane(sim)		2.024	1.736		14.2	30
Benzyl chloride(sim)	q	1.000	1.01		-1.0	20
1,3-Dichlorobenzene(sim)		2.122	1.621		23.6	30
1,4-Dichlorobenzene(sim)		2.036	2.048		-0.6	30
sec-Butylbenzene(sim)		4.313	3.879		10.1	30
4-Isopropyltoluene(sim)		4.120	4.316		-4.8	30
1,2-Dichlorobenzene(sim)		1.853	1.561		15.8	30
n-Butylbenzene(sim)		3.049	3.308		-8.5	30
1,2,4-Trichlorobenzene(sim)		0.850	0.584		31.3 #	30
Hexachlorobutadiene(sim)	q	1.000	0.95		5.0	20
% Bromofluorobenzene		1.105	1.240		-12.2	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Evaluate Continuing Calibration Report

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0319_02.D
Acq On : 19 Mar 2026 10:56 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1518L
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 11:21:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	
1	Int	Bromochloromethane	1.000	1.000	0.0	80	
2		Propylene	0.683	0.725	-6.1		
3		Dichlorodifluoromethane	3.581	3.159	11.8		
4		Chloromethane	1.146	1.226	-7.0		
5		1,2-Dichlorotetrafluoroetha	5.803	5.668	2.3		
6		Vinyl Chloride	1.636	1.560	4.6		
7		1,3-Butadiene	1.082	1.028	5.0		
8		Bromomethane	2.174	2.239	-3.0		
9		Chloroethane	0.854	0.799	6.4		
11		Ethanol	0.446	0.511	-14.6		
12		Acetone	2.355	2.361	-0.3		
13		Trichlorofluoromethane	6.143	5.865	4.5		
14		Isopropylalcohol	2.547	2.507	1.6		
15		Acrylonitrile	0.795	0.757	4.8		
16		1,1-Dichloroethene	2.759	1.358	50.8#		
17		Methylene Chloride	1.927	1.077	44.1#		
20		Carbon Disulfide	5.359	2.704	49.5#		
21		Trichlorotrifluoroethane	4.857	2.221	54.3#		
22		Trans-1,2-Dichloroethene	1.096	1.119	-2.1		
23		1,1-Dichloroethane	1.477	1.604	-8.6		
24		Methyl tert-butyl ether(MTB	2.294	2.229	2.8		
25		Methyl Ethyl Ketone	1.662	1.612	3.0		
26		Cis-1,2-Dichloroethene	1.081	1.037	4.1		
27		Hexane	1.090	1.134	-4.0		
28		Chloroform	2.043	2.247	-10.0		
29		Ethyl acetate	0.264	0.265	-0.4		
30		Tetrahydrofuran	0.856	0.893	-4.3		
31		1,2-Dichloroethane	1.199	1.161	3.2		
32		1,1,1-Trichloroethane	2.001	1.896	5.2		
33		Benzene	2.661	2.600	2.3		
34		Carbon Tetrachloride	1.818	1.565	13.9		
35		Cyclohexane	1.162	1.197	-3.0		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	83	
37		1,2-dichloropropane	0.291	0.263	9.6		
38		Bromodichloromethane	0.670	0.644	3.9		
39		Trichloroethene	0.488	0.395	19.1		
40		2,2,4-trimethylpentane	1.083	0.939	13.3		
41		1,4-Dioxane	0.189	0.153	19.0		
43		Heptane	0.406	0.409	-0.7		
44		cis-1,3-Dichloropropene	0.488	0.379	22.3		
45		4-Methyl-2-pentanone(MIBK)	0.687	0.558	18.8		
46		trans-1,3-Dichloropropene	0.356	0.284	20.2		
47		1,1,2-Trichloroethane	0.370	0.338	8.6		
48		Toluene	0.987	0.888	10.0		
49		Dibromochloromethane	0.613	0.544	11.3		
50		2-Hexanone(MBK)	0.557	0.503	9.7		
51		1,2-Dibromoethane(EDB)	0.626	0.574	8.3		
52		Tetrachloroethene	0.533	0.468	12.2		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	85	

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0319_02.D
Acq On : 19 Mar 2026 10:56 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1518L
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 19 11:21:19 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 15:06:34 2026
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	
54		1,1,1,2-Tetrachloroethane	0.946	0.944	0.2		
55		Chlorobenzene	1.798	1.884	-4.8		
56		Ethylbenzene	2.541	2.600	-2.3		
57		m,p-Xylene	1.944	1.591	18.2		
58		Bromoform	0.982	0.893	9.1		
59		Styrene	1.521	1.437	5.5		
60		1,1,2,2-Tetrachloroethane	1.789	1.736	3.0		
61		o-Xylene	2.073	2.173	-4.8		
62	Surr	% Bromofluorobenzene	1.105	1.240	-12.2		
64		Isopropylbenzene	3.119	3.113	0.2		
66		4-Ethyltoluene	3.043	3.118	-2.5		
67		1,3,5-Trimethylbenzene	2.350	2.485	-5.7		
68		1,2,4-Trimethylbenzene	2.815	2.395	14.9		
71	qf	Benzyl chloride	1.000	0.697	30.3#		
72		1,3-Dichlorobenzene	1.810	1.621	10.4		
73		1,4-Dichlorobenzene	1.844	1.675	9.2		
74		sec-Butylbenzene	4.229	3.879	8.3		
75		4-Isopropyltoluene	3.885	3.663	5.7		
76		1,2-Dichlorobenzene	1.638	1.572	4.0		
77		n-Butylbenzene	2.999	2.722	9.2		
78		1,2,4-Trichlorobenzene	0.840	0.572	31.9#		
79		Naphthalene	2.172	1.536	29.3		
80		Hexachlorobutadiene	1.022	0.885	13.4		
81	int	Bromochloromethane(sim)	1.000	1.000	0.0	82	
82		1,2-Dichlorotetrafluoroetha	5.825	4.683	19.6		
83		Vinyl Chloride(sim)	1.785	1.494	16.3		
84		Bromomethane(sim)	2.349	1.853	21.1		
85		Trichlorofluoromethane(sim)	5.753	5.856	-1.8		
86		1,2-Dichloroethane(sim)	1.207	0.961	20.4		
87		1,1,1-Trichloroethane(sim)	2.043	1.879	8.0		
88		Benzene(sim)	2.581	2.152	16.6		
89		Carbon Tetrachloride(sim)	1.662	1.674	-0.7		
90		1,1-Dichloroethene(sim)	2.652	1.124	57.6#		
91		Trichlorotrifluoroethane(si	5.250	2.122	59.6#		
92		Trans-1,2-Dichloroethene(si	1.065	0.927	13.0		
93		1,1-Dichloroethane(sim)	1.585	1.398	11.8		
94		Cis-1,2-Dichloroethene(sim)	1.111	0.859	22.7		
95		Chloroform(sim)	2.203	1.984	9.9		
96	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	83	
97		1,2-dichloropropane(sim)	0.345	0.299	13.3		
98		Bromodichloromethane(sim)	0.663	0.644	2.9		
99		Trichloroethene(sim)	0.538	0.503	6.5		
100		1,4-Dioxane(sim)	0.162	0.153	5.6		
101		cis-1,3-Dichloropropene(sim	0.472	0.447	5.3		
102		1,1,2-Trichloroethane(sim)	0.413	0.350	15.3		
103		Dibromochloromethane(sim)	0.603	0.666	-10.4		
104		1,2-Dibromoethane(EDB)(sim)	0.626	0.569	9.1		
105		Tetrachloroethene(sim)	0.672	0.581	13.5		

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Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
106	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	85
107		Bromoform(sim)	1.030	1.167	-13.3	
108		Ethylbenzene(sim)	2.917	2.600	10.9	
109		m,p-Xylene(sim)	2.528	2.322	8.1	
110		1,1,2,2-Tetrachloroethane(s	2.024	1.736	14.2	
113	qf	Benzyl chloride(sim)	1.000	1.007	-0.7	
114		1,3-Dichlorobenzene(sim)	2.122	1.621	23.6	
115		1,4-Dichlorobenzene(sim)	2.036	2.048	-0.6	
116		sec-Butylbenzene(sim)	4.313	3.879	10.1	
117		4-Isopropyltoluene(sim)	4.120	4.316	-4.8	
118		1,2-Dichlorobenzene(sim)	1.853	1.561	15.8	
119		n-Butylbenzene(sim)	3.049	3.308	-8.5	
120		1,2,4-Trichlorobenzene(sim)	0.850	0.584	31.3#	
121	qf	Hexachlorobutadiene(sim)	1.000	0.953	4.7	

(#)=Out of Range l=linear, lf=liner(0,0), q=quadratic, qf=quadratic(0,0)
Laboratory Warning Limits Out = 0

Quantitation Report (QT Reviewed)

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QLast Update : Wed Mar 18 15:06:34 2026
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	119322	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	426379	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	186843	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	144162	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	426379	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	186843	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	231755	11.225	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.30%				
Target Compounds							Qvalue
2) Propylene	3.569	41	8653	1.061	ppbv		93
3) Dichlorodifluoromethane	3.634	85	37692	0.882	ppbv#		96
4) Chloromethane	3.772	50	14628	1.070	ppbv		93
5) 1,2-Dichlorotetrafluor...	3.861	85	67635	0.977	ppbv		90
6) Vinyl Chloride	3.958	62	18617	0.954	ppbv		91
7) 1,3-Butadiene	4.072	54	12266	0.950	ppbv		96
8) Bromomethane	4.291	94	26718	1.030	ppbv		89
9) Chloroethane	4.429	64	9533	0.935	ppbv		88
11) Ethanol	4.526	45	6096	1.146	ppbv#		84
12) Acetone	4.883	43	28170	1.002	ppbv#		86
13) Trichlorofluoromethane	4.994	101	69984	0.955	ppbv		98
14) Isopropylalcohol	5.055	45	29918	0.985	ppbv#		98
15) Acrylonitrile	5.196	53	9037	0.953	ppbv		90
16) 1,1-Dichloroethene	5.433	61	16209	0.492	ppbv#		87
17) Methylene Chloride	5.510	49	12852	0.559	ppbv#		79
20) Carbon Disulfide	5.730	76	32269	0.505	ppbv		96
21) Trichlorotrifluoroethane	5.689	101	26499	0.457	ppbv#		82
22) Trans-1,2-Dichloroethene	6.136	61	13358	1.021	ppbv#		83
23) 1,1-Dichloroethane	6.266	63	19143	1.086	ppbv		96
24) Methyl tert-butyl ethe...	6.298	73	26596	0.972	ppbv		93
25) Methyl Ethyl Ketone	6.517	43	19240	0.970	ppbv#		85
26) Cis-1,2-Dichloroethene	6.793	61	12379	0.960	ppbv#		80
27) Hexane	6.915	57	13535	1.041	ppbv#		81
28) Chloroform	6.980	83	26815	1.100	ppbv		90
29) Ethyl acetate	6.923	61	3167	1.006	ppbv#		93
30) Tetrahydrofuran	7.247	42	10654	1.044	ppbv#		85
31) 1,2-Dichloroethane	7.442	62	13856	0.968	ppbv#		91
32) 1,1,1-Trichloroethane	7.596	97	22622	0.947	ppbv		95
33) Benzene	7.882	78	31018	1.006	ppbv#		87
34) Carbon Tetrachloride	7.978	117	18668	0.861	ppbv		91
35) Cyclohexane	8.055	84	14281	1.030	ppbv#		82
37) 1,2-dichloropropane	8.376	63	11232	0.905	ppbv#		77
38) Bromodichloromethane	8.497	83	27476	0.962	ppbv		97
39) Trichloroethene	8.514	130	16842	0.810	ppbv		97
40) 2,2,4-trimethylpentane	8.514	57	40038	0.867	ppbv#		92
41) 1,4-Dioxane	8.514	88	6527	0.808	ppbv#		79
43) Heptane	8.661	43	17435	1.007	ppbv#		87
44) cis-1,3-Dichloropropene	9.007	75	16173	0.777	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.016	43	23810	0.813	ppbv#		97
46) trans-1,3-Dichloropropene	9.300	75	12114	0.798	ppbv		92
47) 1,1,2-Trichloroethane	9.414	97	14402	0.913	ppbv		90
48) Toluene	9.581	91	37861	0.900	ppbv		93

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Lab ID : 1ppb cCal; TO1518L
ALS Vial : 27 Sample Multiplier: 1

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Quant Title : VOA Standards for 5 point calibration
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.831	129	23205	0.821	ppbv	97
50) 2-Hexanone(MBK)	9.702	43	21448	0.903	ppbv#	97
51) 1,2-Dibromoethane(EDB)	9.975	107	24493	0.917	ppbv	83
52) Tetrachloroethene	10.225	166	19965	0.879	ppbv	92
54) 1,1,1,2-Tetrachloroethane	10.593	131	17638	0.998	ppbv	91
55) Chlorobenzene	10.602	112	35200	1.048	ppbv	84
56) Ethylbenzene	10.797	91	48585	1.035	ppbv	99
57) m,p-Xylene	10.899	91	74325	2.073	ppbv	93
58) Bromoform	10.966	173	16685	0.909	ppbv	97
59) Styrene	11.102	104	26841	0.944	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.162	83	32443	0.971	ppbv	97
61) o-Xylene	11.162	91	40604	1.031	ppbv	99
64) Isopropylbenzene	11.484	105	58164	0.998	ppbv	99
66) 4-Ethyltoluene	11.857	105	58252	1.024	ppbv	98
67) 1,3,5-Trimethylbenzene	11.900	105	46426	1.057	ppbv	99
68) 1,2,4-Trimethylbenzene	12.146	105	44750	0.851	ppbv	98
71) Benzyl chloride	12.248	91	16680	0.697	ppbv	98
72) 1,3-Dichlorobenzene	12.265	146	30284	0.896	ppbv	92
73) 1,4-Dichlorobenzene	12.307	146	31291	0.908	ppbv	98
74) sec-Butylbenzene	12.316	105	72484	0.917	ppbv	99
75) 4-Isopropyltoluene	12.401	119	68439	0.943	ppbv	96
76) 1,2-Dichlorobenzene	12.520	146	29375	0.960	ppbv	92
77) n-Butylbenzene	12.673	91	50859	0.908	ppbv	97
78) 1,2,4-Trichlorobenzene	13.667	180	10693	0.681	ppbv	92
79) Naphthalene	13.760	128	28708	0.708	ppbv#	99
80) Hexachlorobutadiene	13.998	225	16540	0.866	ppbv	99
82] 1,2-Dichlorotetrafluor...	3.861	85	67508	0.937	ppbv	90
83] Vinyl Chloride(sim)	3.961	62	21539	0.949	ppbv	96
84] Bromomethane(sim)	4.291	94	26718	0.972	ppbv	89
85] Trichlorofluoromethane...	4.997	101	84422	0.928	ppbv#	96
86] 1,2-Dichloroethane(sim)	7.442	62	13856	0.955	ppbv#	91
87] 1,1,1-Trichloroethane(...	7.599	97	27082	1.003	ppbv#	93
88] Benzene(sim)	7.882	78	31018	1.009	ppbv#	86
89] Carbon Tetrachloride(sim)	7.972	117	24139	1.082	ppbv	98
90] 1,1-Dichloroethene(sim)	5.433	61	16209	0.467	ppbv#	87
91] Trichlorotrifluoroetha...	5.686	101	30596	0.427	ppbv#	92
92] Trans-1,2-Dichloroethe...	6.136	61	13358	0.996	ppbv#	83
93] 1,1-Dichloroethane(sim)	6.261	63	20150	0.982	ppbv	97
94] Cis-1,2-Dichloroethene...	6.793	61	12379	0.950	ppbv#	80
95] Chloroform(sim)	6.974	83	28599	1.010	ppbv#	95
97] 1,2-dichloropropane(sim)	8.370	63	12765	0.981	ppbv#	85
98] Bromodichloromethane(sim)	8.497	83	27476	1.099	ppbv	98
99] Trichloroethene(sim)	8.517	130	21443	0.960	ppbv	93
100] 1,4-Dioxane(sim)	8.514	88	6527	0.957	ppbv#	79
101] cis-1,3-Dichloropropen...	9.010	75	19074	0.999	ppbv	97
102] 1,1,2-Trichloroethane(...	9.414	97	14929	0.998	ppbv#	83
103] Dibromochloromethane(sim)	9.834	129	28387	1.137	ppbv	100
104] 1,2-Dibromoethane(EDB)...	9.975	107	24271	1.019	ppbv	83
105] Tetrachloroethene(sim)	10.221	166	24771	0.932	ppbv	94
107] Bromoform(sim)	10.969	173	21799	1.101	ppbv	98
108] Ethylbenzene(sim)	10.797	91	48585	1.004	ppbv	100
109] m,p-Xylene(sim)	10.893	91	86771	1.934	ppbv	95
110] 1,1,2,2-Tetrachloroeth...	11.162	83	32443	0.966	ppbv	100
113] Benzyl chloride(sim)	12.242	91	18582	1.007	ppbv	97
114] 1,3-Dichlorobenzene(sim)	12.265	146	30284	0.926	ppbv	94

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ALS Vial : 27 Sample Multiplier: 1

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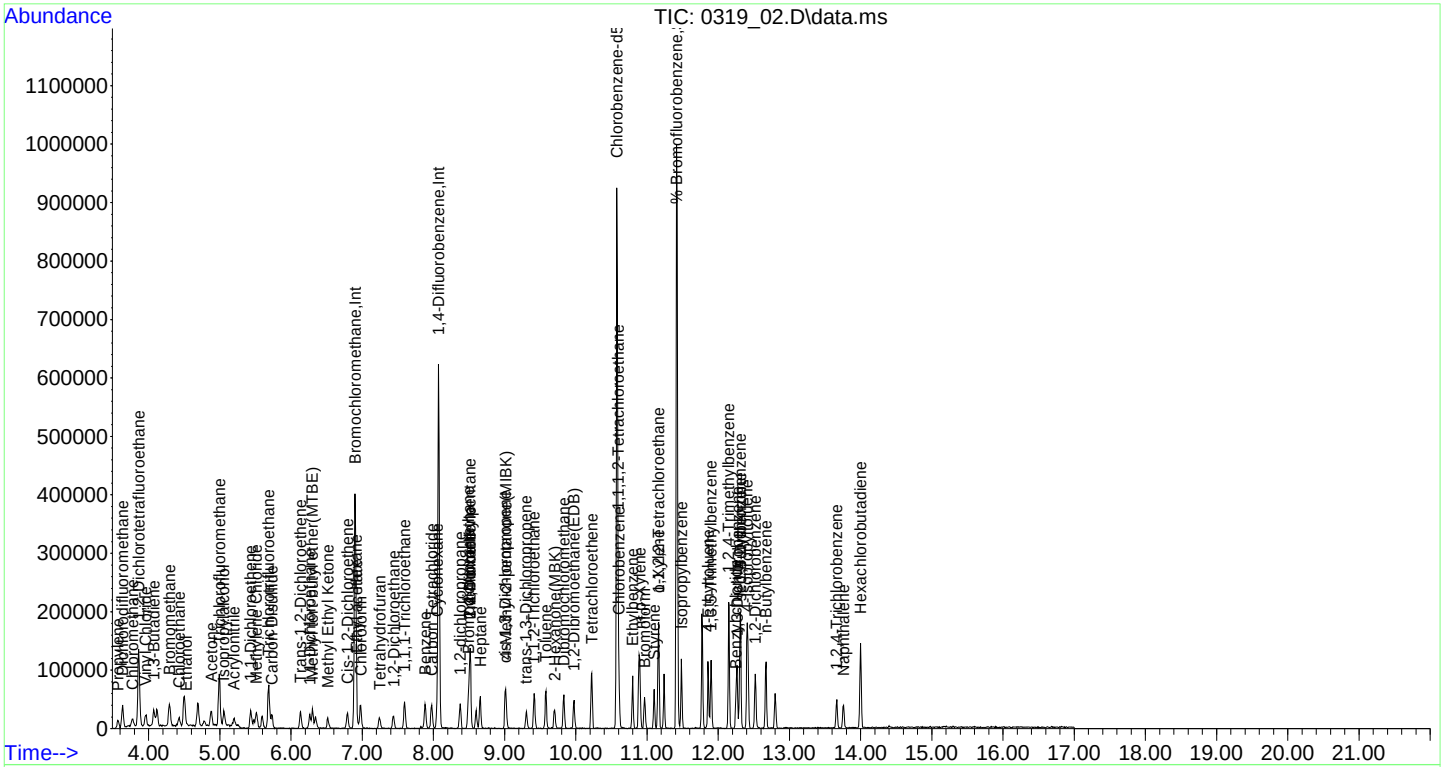
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	38260	1.004	ppbv	98
116] sec-Butylbenzene(sim)	12.316	105	72484	0.967	ppbv	99
117] 4-Isopropyltoluene(sim)	12.404	119	80643	1.020	ppbv	96
118] 1,2-Dichlorobenzene(sim)	12.520	146	29166	0.948	ppbv	93
119] n-Butylbenzene(sim)	12.667	91	61813	1.040	ppbv	98
120] 1,2,4-Trichlorobenzene...	13.667	180	10919	0.784	ppbv	91
121] Hexachlorobutadiene(sim)	14.001	225	23679	0.953	ppbv	99

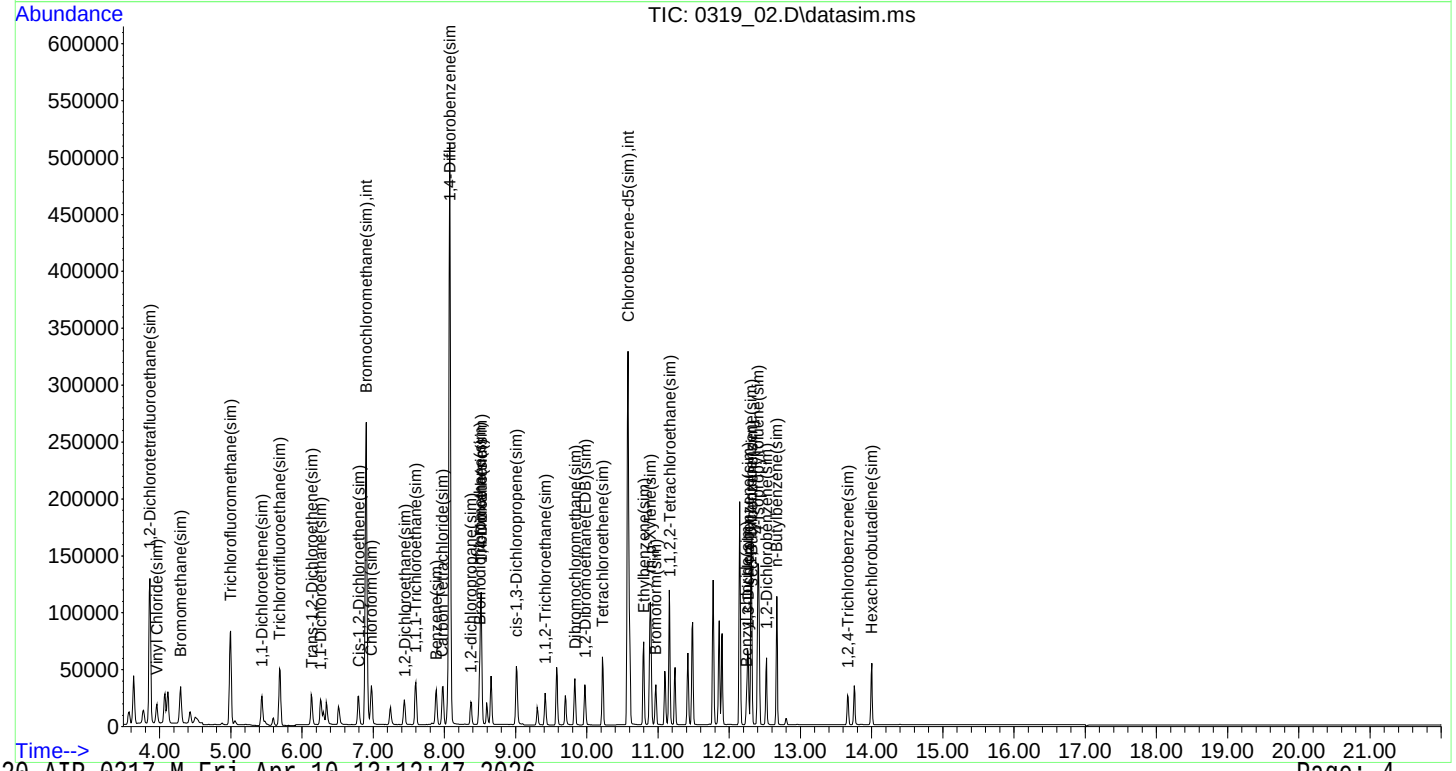
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

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CLIENT ID

AIR ANALYSIS DATA SHEET

CV51571 LCS

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 LCS

Canister: LCS Lab File ID: 0318_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	9.52		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.2		0.202	0.202	r
74-87-3	Chloromethane	10.1		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.1		0.143	0.143	r
75-01-4	Vinyl Chloride	9.96		0.078	0.078	r
106-99-0	1,3-Butadiene	9.59		0.452	0.452	r
74-83-9	Bromomethane	9.70		0.258	0.258	r
75-00-3	Chloroethane	9.47		0.379	0.379	r
64-17-5	Ethanol	9.73		0.531	0.531	r
67-64-1	Acetone	9.51		0.421	0.421	r
75-69-4	Trichlorofluoromethane	9.67		0.178	0.178	r
67-63-0	Isopropylalcohol	9.46		0.407	0.407	r
107-13-1	Acrylonitrile	12.1		0.461	0.461	r
75-35-4	1,1-Dichloroethene	9.46		0.051	0.051	r
75-09-2	Methylene Chloride	8.68		0.863	0.863	r
75-15-0	Carbon Disulfide	10.1		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	9.47		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.4		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.1		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.4		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	9.67		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	9.76		0.051	0.051	r
110-54-3	Hexane	10.5		0.284	0.284	r
67-66-3	Chloroform	9.82		0.205	0.205	r
141-78-6	Ethyl acetate	11.1		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.53		0.339	0.339	r
107-06-2	1,2-Dichloroethane	10.0		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.4		0.183	0.183	r
71-43-2	Benzene	9.85		0.313	0.313	r
56-23-5	Carbon Tetrachloride	11.2		0.032	0.032	r
110-82-7	Cyclohexane	9.40		0.291	0.291	r
78-87-5	1,2-dichloropropane	9.58		0.217	0.217	r
75-27-4	Bromodichloromethane	10.3		0.149	0.149	r
79-01-6	Trichloroethene	9.94		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	9.82		0.215	0.215	r
123-91-1	1,4-Dioxane	10.9		0.278	0.278	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

AIR ANALYSIS DATA SHEET

CLIENT ID: CV51571 LCS

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 LCS

Canister: LCS Lab File ID: 0318_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	9.67		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	11.5		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	10.5		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.8		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.0		0.183	0.183	r
108-88-3	Toluene	10.3		0.266	0.266	r
124-48-1	Dibromochloromethane	11.8		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	10.6		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.3		0.130	0.130	r
127-18-4	Tetrachloroethene	10.1		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	11.0		0.146	0.146	r
108-90-7	Chlorobenzene	10.2		0.217	0.217	r
100-41-4	Ethylbenzene	10.4		0.230	0.230	r
179601-23-1	m,p-Xylene	21.3		0.230	0.230	r
75-25-2	Bromoform	12.1		0.097	0.097	r
100-42-5	Styrene	10.2		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	10.3		0.146	0.146	r
95-47-6	o-Xylene	10.6		0.230	0.230	r
98-82-8	Isopropylbenzene	9.47		0.204	0.204	r
622-96-8	4-Ethyltoluene	10.7		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.4		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.5		0.204	0.204	r
100-44-7	Benzyl chloride	10.6		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.4		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	10.4		0.166	0.166	r
135-98-8	sec-Butylbenzene	9.59		0.182	0.182	r
99-87-6	4-Isopropyltoluene	9.60		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	10.4		0.166	0.166	r
104-51-8	n-Butylbenzene	9.77		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	10.1		0.135	0.135	r
91-20-3	Naphthalene	9.97		0.200	0.200	r
87-68-3	Hexachlorobutadiene	8.95		0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_04.D
Acq On : 18 Mar 2026 3:22 pm
Operator :
Client ID : CV51571 LCS
Lab ID : CV51571 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:32:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	138743	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	477099	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	241506	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	168694	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	477367	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	241615	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	272954	10.229	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.30%				
Target Compounds							Qvalue
2) Propylene	3.569	41	90276	9.520	ppbv		95
3) Dichlorodifluoromethane	3.634	85	504247	10.150	ppbv	#	95
4) Chloromethane	3.772	50	160995	10.128	ppbv		96
5) 1,2-Dichlorotetrafluor...	3.861	85	811634	10.082	ppbv		90
6) Vinyl Chloride	3.958	62	226009	9.960	ppbv		100
7) 1,3-Butadiene	4.072	54	143919	9.586	ppbv		93
8) Bromomethane	4.291	94	292531	9.698	ppbv		99
9) Chloroethane	4.429	64	112241	9.471	ppbv		89
11) Ethanol	4.518	45	60170	9.731	ppbv	#	78
12) Acetone	4.871	43	310856	9.513	ppbv	#	86
13) Trichlorofluoromethane	4.994	101	823939	9.668	ppbv		96
14) Isopropylalcohol	5.043	45	334100	9.455	ppbv	#	99
15) Acrylonitrile	5.196	53	133914	12.145	ppbv	#	83
16) 1,1-Dichloroethene	5.433	61	361954	9.456	ppbv	#	73
17) Methylene Chloride	5.516	49	231958	8.675	ppbv	#	58
20) Carbon Disulfide	5.731	76	747186	10.049	ppbv		100
21) Trichlorotrifluoroethane	5.683	101	638434	9.474	ppbv	#	84
22) Trans-1,2-Dichloroethene	6.128	61	157996	10.388	ppbv	#	80
23) 1,1-Dichloroethane	6.266	63	207840	10.143	ppbv		99
24) Methyl tert-butyl ethe...	6.298	73	329996	10.367	ppbv	#	86
25) Methyl Ethyl Ketone	6.509	43	222803	9.665	ppbv	#	90
26) Cis-1,2-Dichloroethene	6.793	61	146427	9.762	ppbv	#	83
27) Hexane	6.907	57	158886	10.505	ppbv	#	85
28) Chloroform	6.971	83	278272	9.817	ppbv		94
29) Ethyl acetate	6.907	61	40509	11.062	ppbv	#	92
30) Tetrahydrofuran	7.231	42	113074	9.526	ppbv	#	82
31) 1,2-Dichloroethane	7.434	62	166501	10.007	ppbv		99
32) 1,1,1-Trichloroethane	7.596	97	287604	10.358	ppbv		94
33) Benzene	7.882	78	363833	9.853	ppbv	#	87
34) Carbon Tetrachloride	7.978	117	282017	11.180	ppbv		99
35) Cyclohexane	8.055	84	151567	9.404	ppbv	#	75
37) 1,2-dichloropropane	8.376	63	133046	9.576	ppbv	#	80
38) Bromodichloromethane	8.488	83	328888	10.294	ppbv		95
39) Trichloroethene	8.514	130	231140	9.936	ppbv		96
40) 2,2,4-trimethylpentane	8.514	57	507416	9.817	ppbv	#	94
41) 1,4-Dioxane	8.505	88	98182	10.860	ppbv	#	76
43) Heptane	8.652	43	187280	9.665	ppbv	#	79
44) cis-1,3-Dichloropropene	9.007	75	267439	11.477	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.016	43	344314	10.511	ppbv	#	97
46) trans-1,3-Dichloropropene	9.300	75	182786	10.764	ppbv		97
47) 1,1,2-Trichloroethane	9.414	97	176674	10.011	ppbv		91
48) Toluene	9.581	91	483800	10.276	ppbv	#	96

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_04.D
Acq On : 18 Mar 2026 3:22 pm
Operator :
Client ID : CV51571 LCS
Lab ID : CV51571 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:32:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.831	129	343860	11.754	ppbv	98
50)	2-Hexanone(MBK)	9.695	43	282484	10.631	ppbv#	91
51)	1,2-Dibromoethane(EDB)	9.975	107	308406	10.319	ppbv	95
52)	Tetrachloroethene	10.218	166	255735	10.058	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.585	131	250779	10.979	ppbv	95
55)	Chlorobenzene	10.602	112	440925	10.152	ppbv#	77
56)	Ethylbenzene	10.797	91	638209	10.402	ppbv	97
57)	m,p-Xylene	10.890	91	1000705	21.316	ppbv	95
58)	Bromoform	10.966	173	287276	12.110	ppbv	99
59)	Styrene	11.102	104	375228	10.215	ppbv#	92
60)	1,1,2,2-Tetrachloroethane	11.162	83	442890	10.254	ppbv	97
61)	o-Xylene	11.162	91	530485	10.598	ppbv	98
64)	Isopropylbenzene	11.484	105	713303	9.471	ppbv	99
66)	4-Ethyltoluene	11.857	105	785965	10.694	ppbv#	95
67)	1,3,5-Trimethylbenzene	11.900	105	587637	10.352	ppbv	93
68)	1,2,4-Trimethylbenzene	12.154	105	712855	10.487	ppbv	98
71)	Benzyl chloride	12.248	91	409165	10.621	ppbv#	95
72)	1,3-Dichlorobenzene	12.265	146	453268	10.370	ppbv	97
73)	1,4-Dichlorobenzene	12.307	146	464827	10.435	ppbv	100
74)	sec-Butylbenzene	12.316	105	979636	9.592	ppbv	97
75)	4-Isopropyltoluene	12.401	119	900441	9.596	ppbv	95
76)	1,2-Dichlorobenzene	12.520	146	410233	10.372	ppbv	97
77)	n-Butylbenzene	12.673	91	707835	9.774	ppbv	99
78)	1,2,4-Trichlorobenzene	13.667	180	205549	10.130	ppbv	99
79)	Naphthalene	13.760	128	522876	9.970	ppbv#	99
80)	Hexachlorobutadiene	13.998	225	220796	8.945	ppbv	99
82]	1,2-Dichlorotetrafluor...	3.861	85	811602	8.259	ppbv	90
83]	Vinyl Chloride(sim)	3.961	62	250960	8.334	ppbv	97
84]	Bromomethane(sim)	4.291	94	292531	7.383	ppbv	99
85]	Trichlorofluoromethane...	4.997	101	967012	9.964	ppbv#	97
86]	1,2-Dichloroethane(sim)	7.434	62	166501	8.176	ppbv	99
87]	1,1,1-Trichloroethane(...	7.599	97	339728	9.860	ppbv#	94
88]	Benzene(sim)	7.882	78	363833	8.355	ppbv#	86
89]	Carbon Tetrachloride(sim)	7.972	117	332247	11.851	ppbv	97
90]	1,1-Dichloroethene(sim)	5.433	61	361954	8.090	ppbv#	73
91]	Trichlorotrifluoroetha...	5.686	101	747597	8.441	ppbv#	92
92]	Trans-1,2-Dichloroethe...	6.128	61	157996	8.793	ppbv#	80
93]	1,1-Dichloroethane(sim)	6.261	63	230011	8.602	ppbv	96
94]	Cis-1,2-Dichloroethene...	6.793	61	146427	7.813	ppbv#	83
95]	Chloroform(sim)	6.974	83	325429	8.757	ppbv#	95
97]	1,2-dichloropropane(sim)	8.370	63	150582	9.136	ppbv#	86
98]	Bromodichloromethane(sim)	8.488	83	328888	10.391	ppbv	94
99]	Trichloroethene(sim)	8.517	130	277736	10.805	ppbv	93
100]	1,4-Dioxane(sim)	8.505	88	98182	12.696	ppbv#	76
101]	cis-1,3-Dichloropropen...	9.010	75	268548	11.906	ppbv	97
102]	1,1,2-Trichloroethane(...	9.414	97	176777	8.966	ppbv	87
103]	Dibromochloromethane(sim)	9.834	129	419027	14.552	ppbv	98
104]	1,2-Dibromoethane(EDB)...	9.975	107	308204	10.321	ppbv	95
105]	Tetrachloroethene(sim)	10.221	166	319252	9.949	ppbv	95
107]	Bromoform(sim)	10.969	173	360572	14.495	ppbv	98
108]	Ethylbenzene(sim)	10.797	91	638209	9.054	ppbv	100
109]	m,p-Xylene(sim)	10.893	91	1160925	19.008	ppbv#	95
110]	1,1,2,2-Tetrachloroeth...	11.162	83	442890	9.058	ppbv	99
113]	Benzyl chloride(sim)	12.242	91	476354	4.397	ppbv	94
114]	1,3-Dichlorobenzene(sim)	12.265	146	453268	8.842	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_04.D
Acq On : 18 Mar 2026 3:22 pm
Operator :
Client ID : CV51571 LCS
Lab ID : CV51571 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:32:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

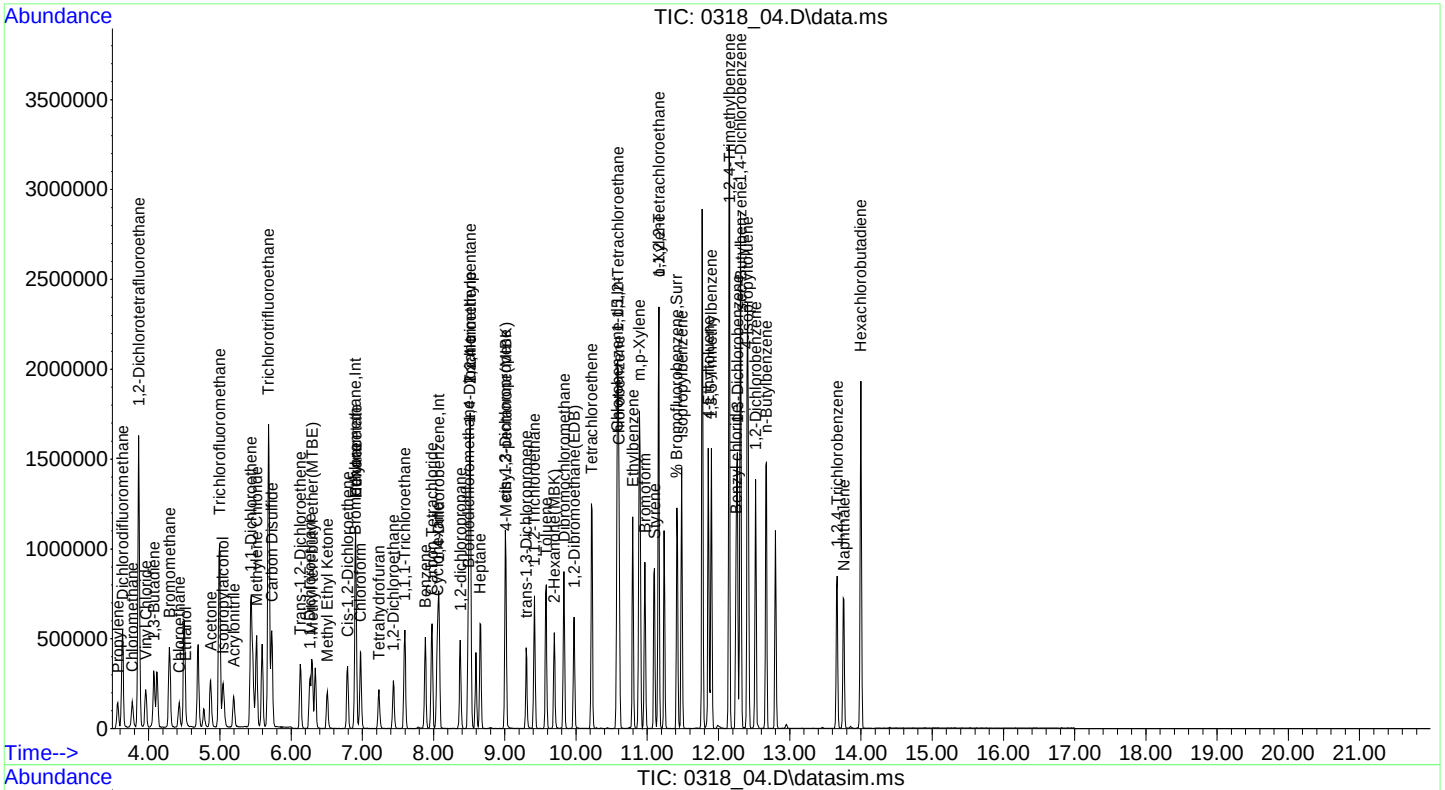
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
115] 1,4-Dichlorobenzene(sim)	12.302	146	572432	11.635	ppbv	99
116] sec-Butylbenzene(sim)	12.316	105	979636	9.401	ppbv	97
117] 4-Isopropyltoluene(sim)	12.404	119	1078079	10.829	ppbv	94
118] 1,2-Dichlorobenzene(sim)	12.520	146	410233	9.164	ppbv	99
119] n-Butylbenzene(sim)	12.667	91	826306	11.217	ppbv	99
120] 1,2,4-Trichlorobenzene...	13.667	180	205549	10.012	ppbv	97
121] Hexachlorobutadiene(sim)	14.001	225	310183	13.592	ppbv	98

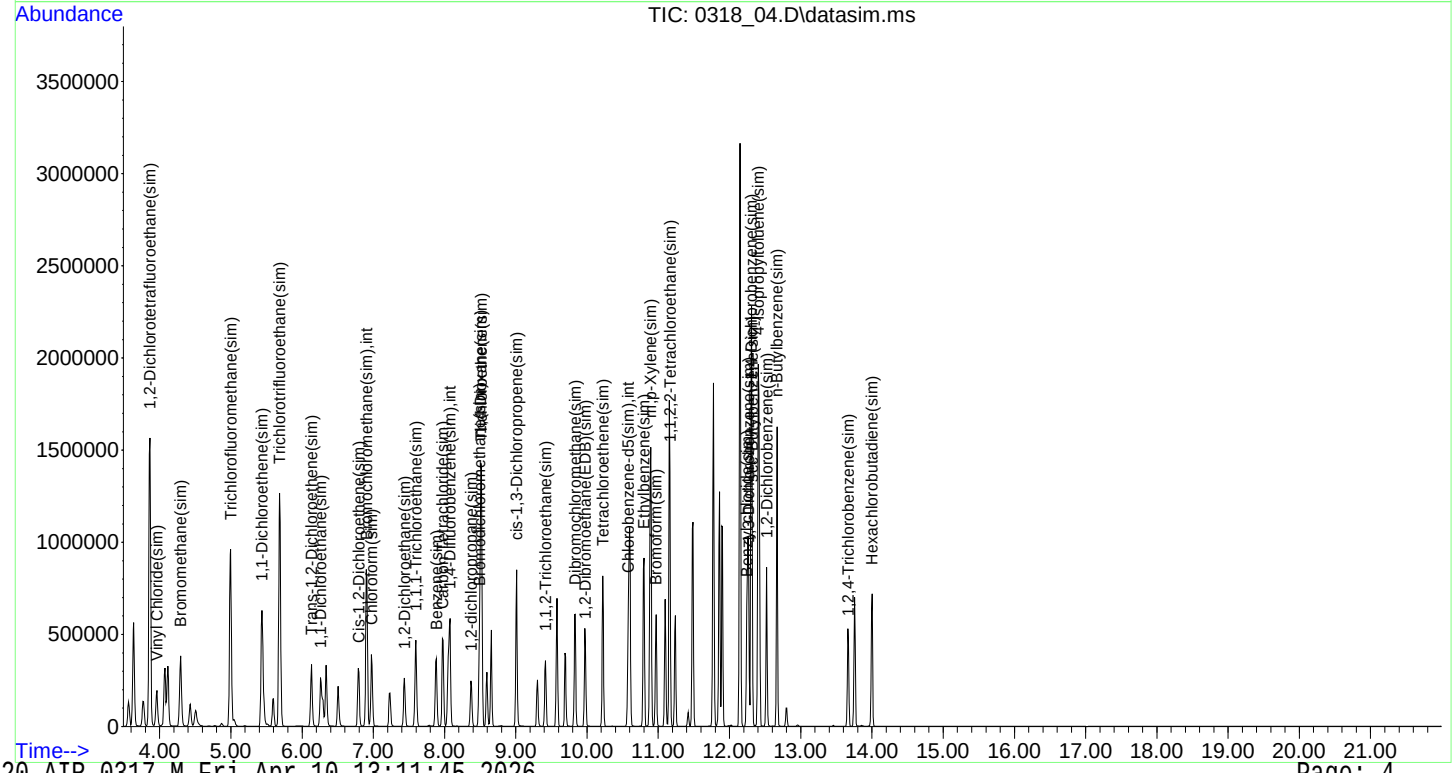
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_04.D
Acq On : 18 Mar 2026 3:22 pm
Operator :
Client ID : CV51571 LCS
Lab ID : CV51571 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:32:09 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: CV51571 QC

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 0.5X

Canister: 23324 Lab File ID: 0318_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.138	U	0.138	0.138	r
75-71-8	Dichlorodifluoromethane	0.390		0.030	0.030	r
74-87-3	Chloromethane	0.525		0.047	0.047	r
106-99-0	1,3-Butadiene	0.084		0.027	0.027	r
75-00-3	Chloroethane	0.038	U	0.038	0.038	r
64-17-5	Ethanol	72.2	ES	0.036	0.036	r
67-64-1	Acetone	16.5	S	0.036	0.036	r
75-69-4	Trichlorofluoromethane	0.196		0.037	0.037	r
67-63-0	Isopropylalcohol	6.82	S	0.044	0.044	r
107-13-1	Acrylonitrile	0.231	U	0.231	0.231	r
75-09-2	Methylene Chloride	0.223	S	0.031	0.031	r
75-15-0	Carbon Disulfide	0.028	U	0.028	0.028	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.025	U	0.025	0.025	r
78-93-3	Methyl Ethyl Ketone	1.36		0.048	0.048	r
156-59-2	Cis-1,2-Dichloroethene	0.025	U	0.025	0.025	r
110-54-3	Hexane	0.151	S	0.023	0.023	r
141-78-6	Ethyl acetate	1.17		0.139	0.139	
109-99-9	Tetrahydrofuran	0.302		0.027	0.027	r
71-43-2	Benzene	0.160		0.027	0.027	r
110-82-7	Cyclohexane	0.041	U	0.041	0.041	r
540-84-1	2,2,4-trimethylpentane	0.178		0.107	0.107	
142-82-5	Heptane	0.328		0.031	0.031	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.082		0.027	0.027	r
10061-02-6	trans-1,3-Dichloropropene	0.024	U	0.024	0.024	r
108-88-3	Toluene	0.507		0.022	0.022	r
591-78-6	2-Hexanone(MBK)	0.021	U	0.021	0.021	r
630-20-6	1,1,1,2-Tetrachloroethane	0.073	U	0.073	0.073	r
108-90-7	Chlorobenzene	0.031	U	0.031	0.031	r
100-41-4	Ethylbenzene	0.216		0.033	0.033	r
179601-23-1	m,p-Xylene	0.806		0.055	0.055	r
100-42-5	Styrene	0.297		0.026	0.026	r
95-47-6	o-Xylene	0.338		0.030	0.030	r
98-82-8	Isopropylbenzene	0.028	U	0.028	0.028	r
622-96-8	4-Ethyltoluene	0.616		0.028	0.028	r
108-67-8	1,3,5-Trimethylbenzene	0.472		0.023	0.023	r
95-63-6	1,2,4-Trimethylbenzene	1.12		0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

CV51571 QC

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 0.5X

Canister: 23324 Lab File ID: 0318_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
99-87-6	4-Isopropyltoluene	0.120		0.091	0.091	
91-20-3	Naphthalene	0.114		0.100	0.100	
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.029	U	0.029	0.029	r
75-01-4	Vinyl Chloride(sim)	0.032	U	0.032	0.032	r
74-83-9	Bromomethane(sim)	0.026	U	0.026	0.026	r
107-06-2	1,2-Dichloroethane(sim)	0.023	U	0.023	0.023	r
71-55-6	1,1,1-Trichloroethane(sim)	0.026	U	0.026	0.026	r
56-23-5	Carbon Tetrachloride(sim)	0.080		0.022	0.022	r
75-35-4	1,1-Dichloroethene(sim)	0.037	U	0.037	0.037	r
76-13-1	Trichlorotrifluoroethane(sim)	0.056		0.035	0.035	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.021	U	0.021	0.021	r
75-34-3	1,1-Dichloroethane(sim)	0.025	U	0.025	0.025	r
67-66-3	Chloroform(sim)	0.097		0.022	0.022	r
78-87-5	1,2-dichloropropane(sim)	0.025	U	0.025	0.025	r
75-27-4	Bromodichloromethane(sim)	0.027	U	0.027	0.027	r
79-01-6	Trichloroethene(sim)	0.026	U	0.026	0.026	r
123-91-1	1,4-Dioxane(sim)	0.034	U	0.034	0.034	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.024	U	0.024	0.024	r
79-00-5	1,1,2-Trichloroethane(sim)	0.033	U	0.033	0.033	r
124-48-1	Dibromochloromethane(sim)	0.030	U	0.030	0.030	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.022	U	0.022	0.022	r
127-18-4	Tetrachloroethene(sim)	0.079		0.018	0.018	r
75-25-2	Bromoform(sim)	0.023	U	0.023	0.023	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.033	U	0.033	0.033	r
100-44-7	Benzyl chloride(sim)	0.031	U	0.031	0.031	r
541-73-1	1,3-Dichlorobenzene(sim)	0.028	U	0.028	0.028	r
106-46-7	1,4-Dichlorobenzene(sim)	0.031	U	0.031	0.031	r
135-98-8	sec-Butylbenzene(sim)	0.091	U	0.091	0.091	
95-50-1	1,2-Dichlorobenzene(sim)	0.027	U	0.027	0.027	r
104-51-8	n-Butylbenzene(sim)	0.091	U	0.091	0.091	
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2026 8:58 pm
Operator :
Client ID : CV51571 QC
Lab ID : CV51571 QC
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 07:36:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	129572	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	459876	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	195821	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	156725	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	459247	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	195821	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	252643	11.676	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	36201	0.780	ppbv		98
4) Chloromethane	3.764	50	15579	1.049	ppbv		96
7) 1,3-Butadiene	4.072	54	2359	0.168	ppbv#		33
11) Ethanol	4.510	45	833906	144.406	ppbv#		74
12) Acetone	4.865	43	1006597	32.984	ppbv#		84
13) Trichlorofluoromethane	4.994	101	31193	0.392	ppbv		96
14) Isopropylalcohol	5.043	45	449965	13.636	ppbv#		98
17) Methylene Chloride	5.516	49	11146	0.446	ppbv#		64
21) Trichlorotrifluoroethane	5.677	101	8160	0.130	ppbv#		80
25) Methyl Ethyl Ketone	6.509	43	58443	2.715	ppbv#		84
27) Hexane	6.906	57	4253	0.301	ppbv#		82
28) Chloroform	6.971	83	6108	0.231	ppbv		92
29) Ethyl acetate	6.906	61	8013	2.343	ppbv#		92
30) Tetrahydrofuran	7.239	42	6684	0.603	ppbv#		75
33) Benzene	7.882	78	11010	0.319	ppbv#		91
34) Carbon Tetrachloride	7.977	117	3138	0.133	ppbv		90
39) Trichloroethene	8.505	130	1156	0.052	ppbv		96
43) Heptane	8.652	43	12254	0.656	ppbv#		88
45) 4-Methyl-2-pentanone(M...	9.016	43	5140	0.163	ppbv#		87
48) Toluene	9.581	91	46025	1.014	ppbv		99
52) Tetrachloroethene	10.225	166	3735	0.152	ppbv#		88
56) Ethylbenzene	10.797	91	21457	0.431	ppbv		95
57) m,p-Xylene	10.890	91	61313	1.611	ppbv		92
59) Styrene	11.102	104	17656	0.593	ppbv		97
61) o-Xylene	11.161	91	27438	0.676	ppbv		96
64) Isopropylbenzene	11.484	105	4728	0.077	ppbv		98
66) 4-Ethyltoluene	11.832	105	73360	1.231	ppbv		96
67) 1,3,5-Trimethylbenzene	11.899	105	43419	0.943	ppbv		95
68) 1,2,4-Trimethylbenzene	12.146	105	123138	2.234	ppbv		87
71) Benzyl chloride	12.290	91	4127	0.133	ppbv#		64
75) 4-Isopropyltoluene	12.409	119	18307	0.241	ppbv#		84
78) 1,2,4-Trichlorobenzene	13.658	180	957	0.058	ppbv#		69
85] Trichlorofluoromethane...	4.997	101	35420	0.393	ppbv#		97
88] Benzene(sim)	7.882	78	11010	0.272	ppbv#		90
89] Carbon Tetrachloride(sim)	7.980	117	4138	0.159	ppbv		96
91] Trichlorotrifluoroetha...	5.686	101	9164	0.111	ppbv#		93
94] Cis-1,2-Dichloroethene...	6.906	61	8013	0.460	ppbv#		21
95] Chloroform(sim)	6.974	83	6660	0.193	ppbv		96
99] Trichloroethene(sim)	8.517	130	1259	0.051	ppbv		93
105] Tetrachloroethene(sim)	10.221	166	4836	0.157	ppbv		95
108] Ethylbenzene(sim)	10.797	91	21457	0.376	ppbv		100
109] m,p-Xylene(sim)	10.884	91	72204	1.459	ppbv		95

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2026 8:58 pm
Operator :
Client ID : CV51571 QC
Lab ID : CV51571 QC
ALS Vial : 4 Sample Multiplier: 1

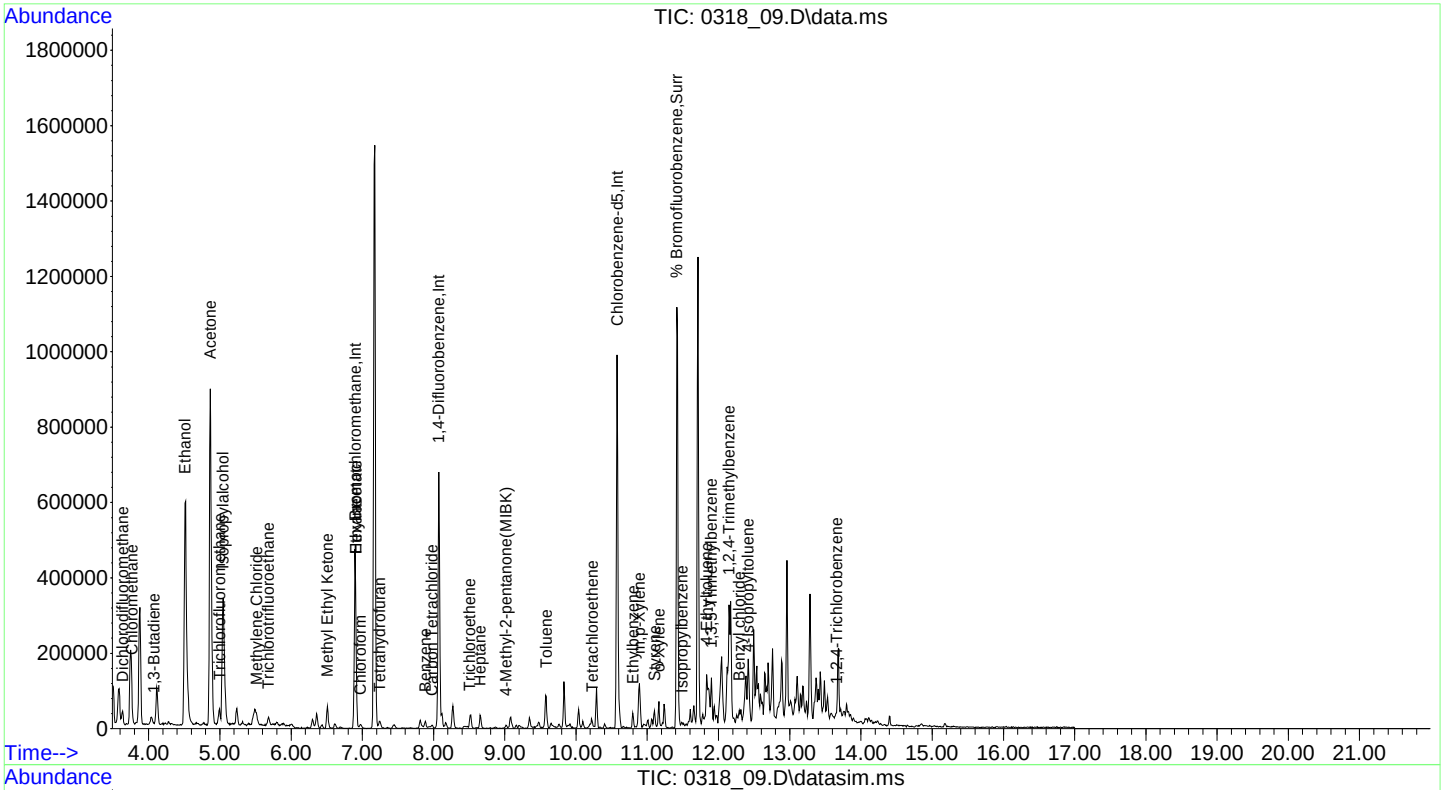
Quant Time: Mar 19 07:36:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

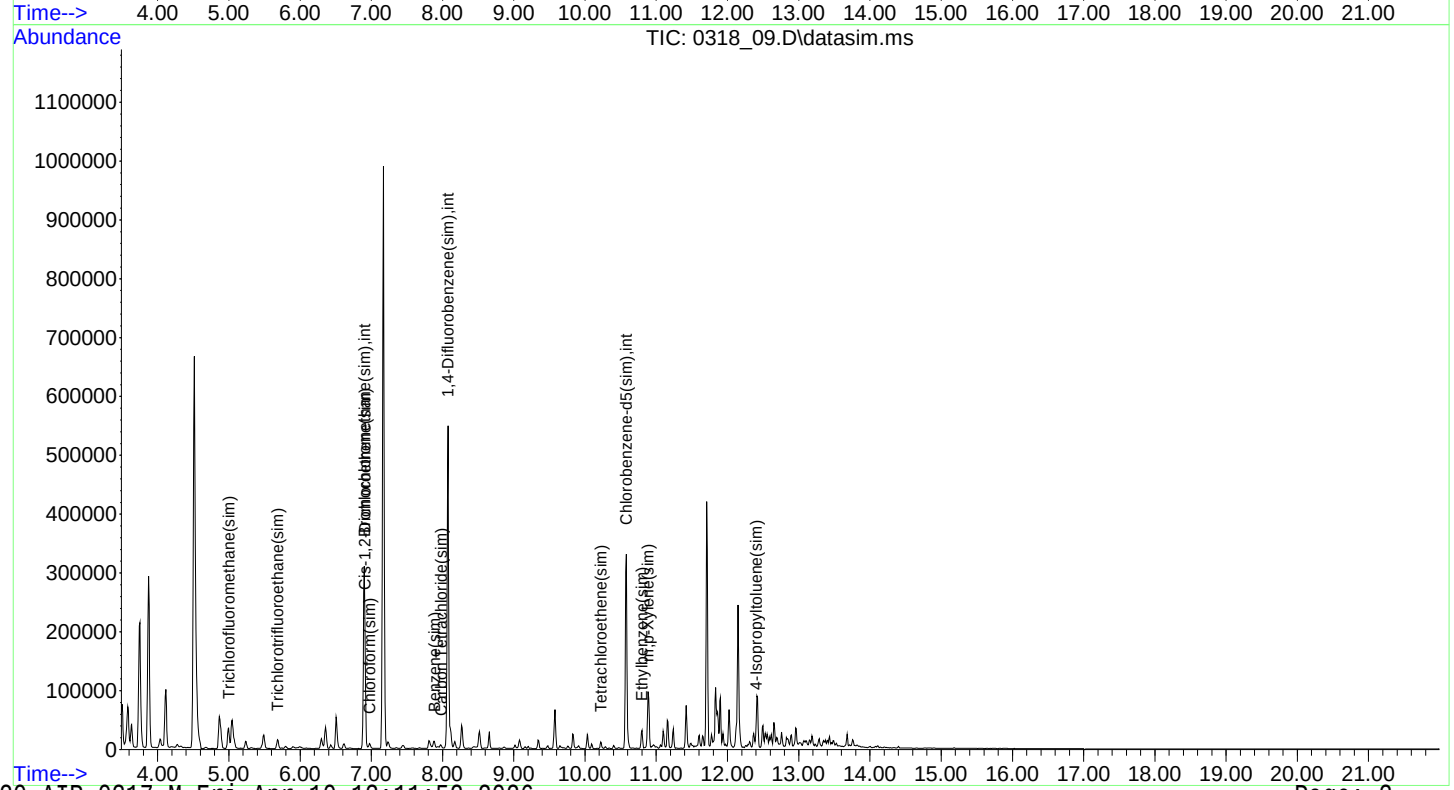
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
117] 4-Isopropyltoluene(sim)	12.403	119	21361	0.265 ppbv#	85
120] 1,2,4-Trichlorobenzene...	13.658	180	833	0.050 ppbv#	73

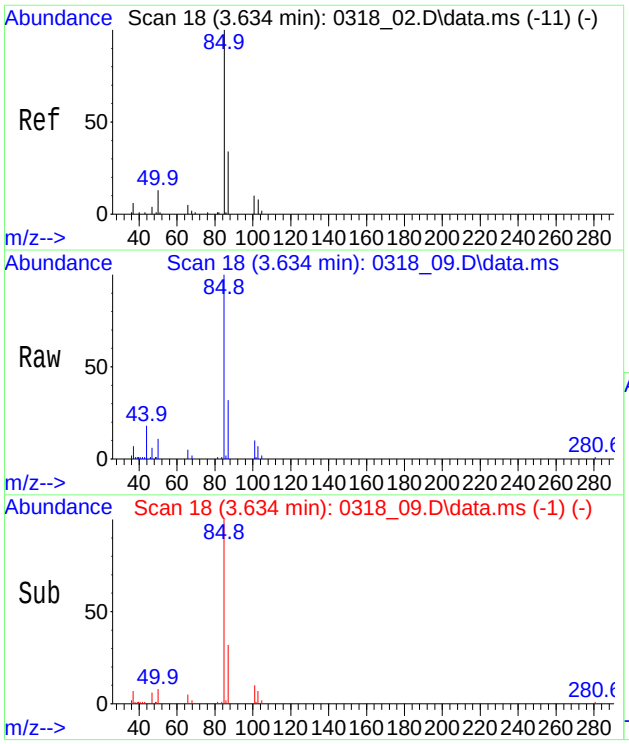
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2026 8:58 pm
Operator :
Client ID : CV51571 QC
Lab ID : CV51571 QC
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 07:36:55 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



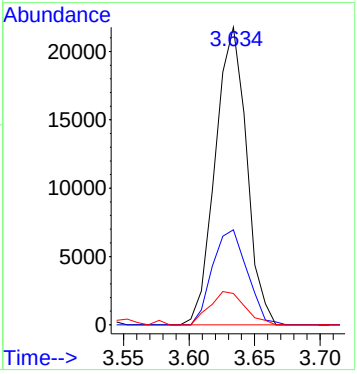


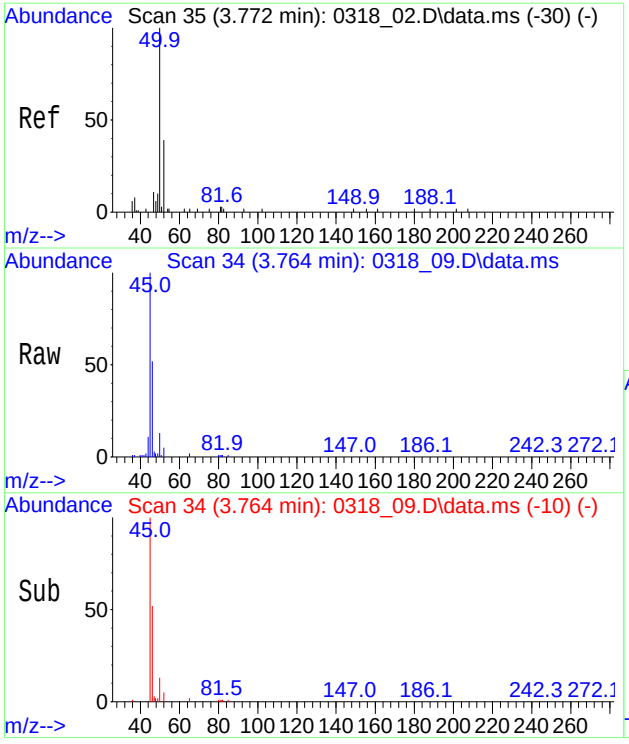


#3
Dichlorodifluoromethane
Conc: 8$ 0.780 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 85 Resp: 36201

Ion	Ratio	Lower	Upper
85	100		
87	35.4	28.2	42.2
50	12.6	11.9	17.9

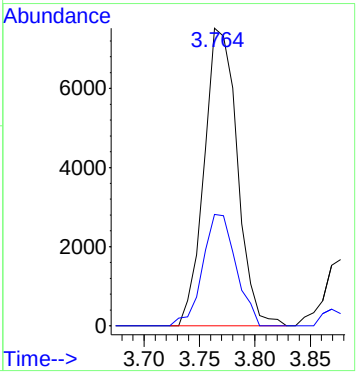


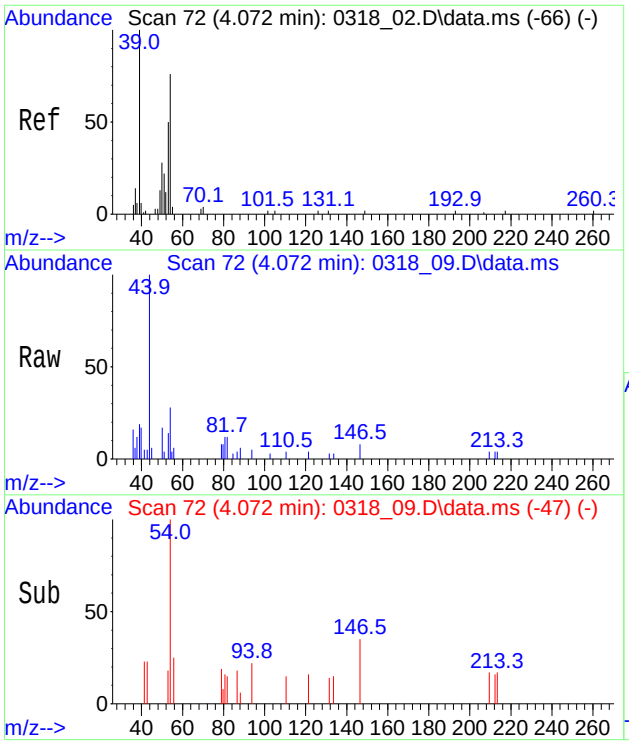


#4
Chloromethane
Conc: 8$ 1.049 ppbv
RT: 3.764 min Scan# 34
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 50 Resp: 15579

Ion	Ratio	Lower	Upper
50	100		
52	37.5	15.4	55.4

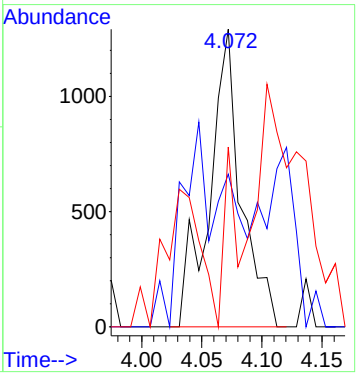


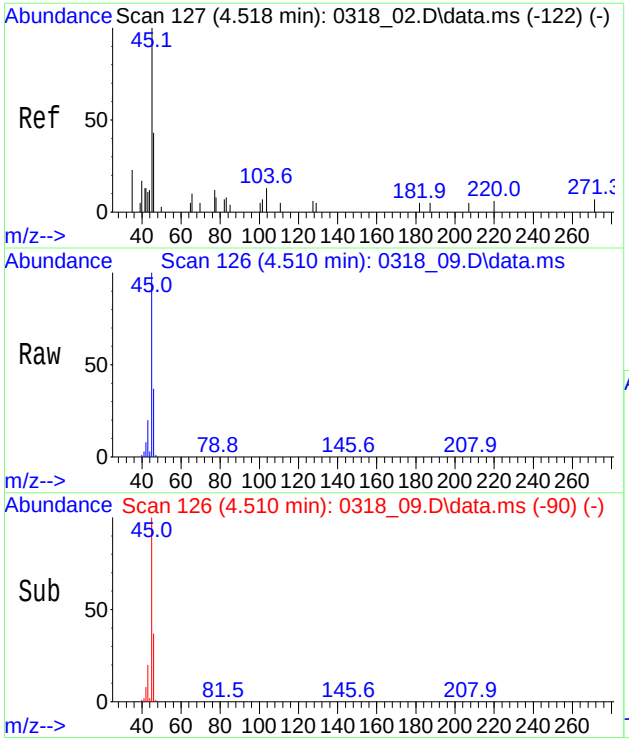


#7
1,3-Butadiene
Conc: 8$ 0.168 ppbv
RT: 4.072 min Scan# 72
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 54 Resp: 2359

Ion	Ratio	Lower	Upper
54	100		
53	0.0	59.2	88.8#
50	21.5	31.2	46.8#

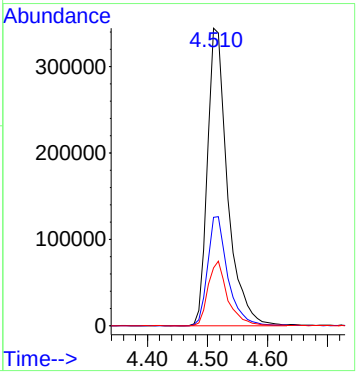


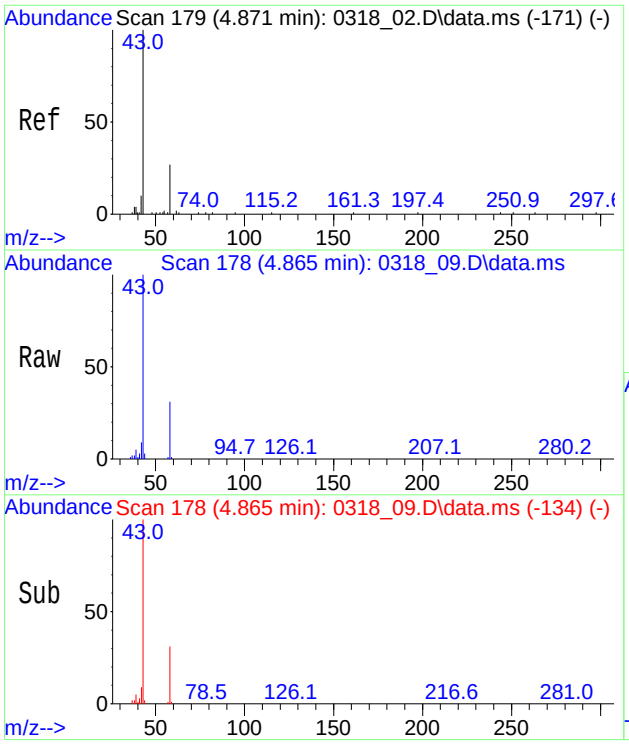


#11
Ethanol
Conc: 8$ 144.406 ppbv
RT: 4.510 min Scan# 126
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 45 Resp: 833906

Ion	Ratio	Lower	Upper
45	100		
46	38.0	26.6	40.0
43	20.2	36.4	54.6#

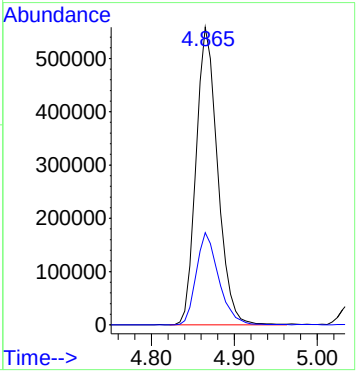


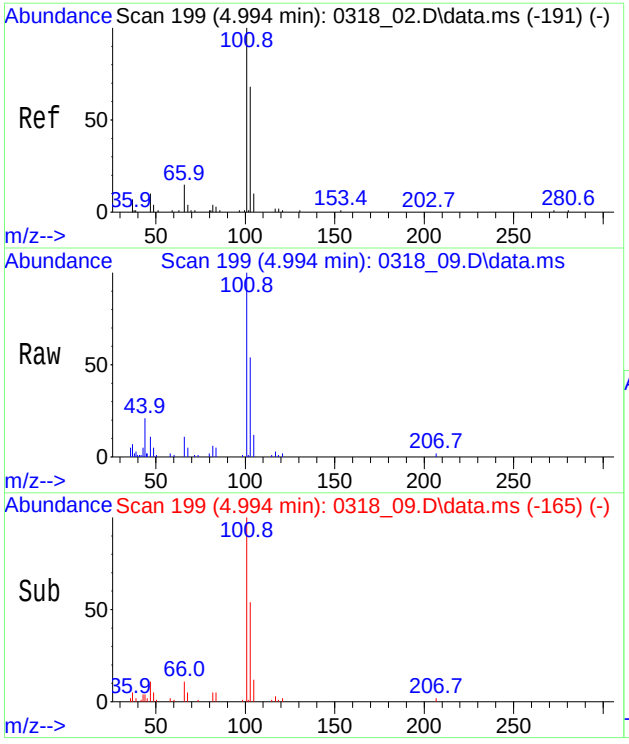


#12
Acetone
Conc: 8$ 32.984 ppbv
RT: 4.865 min Scan# 178
Delta R.T. -0.006 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 43 Resp: 1006597

Ion	Ratio	Lower	Upper
43	100		
58	32.3	19.5	29.3#

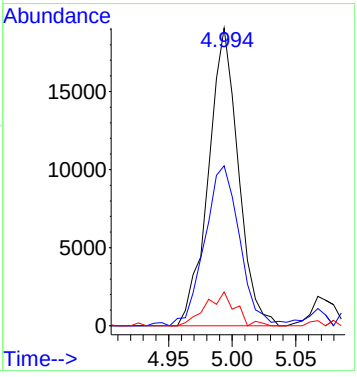


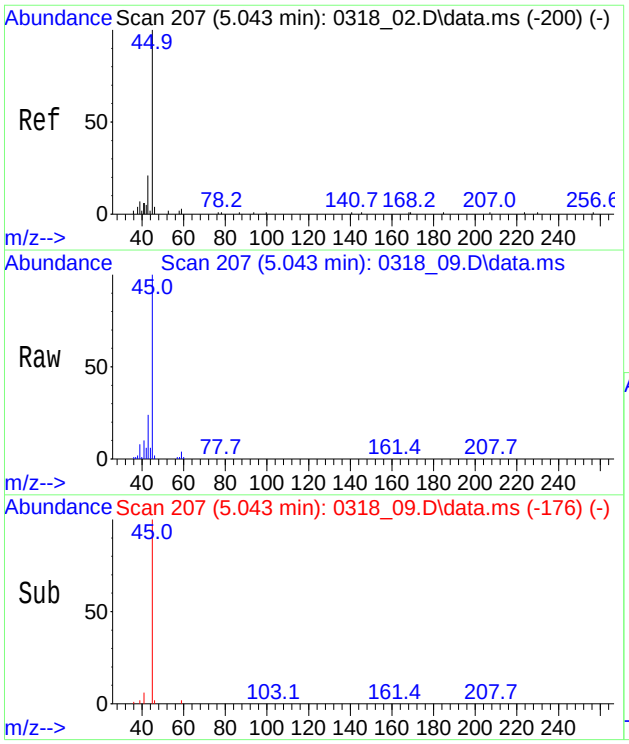


#13
Trichlorofluoromethane
Conc: 8$ 0.392 ppbv
RT: 4.994 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:101 Resp: 31193

Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.6	79.0
66	11.4	10.7	16.1

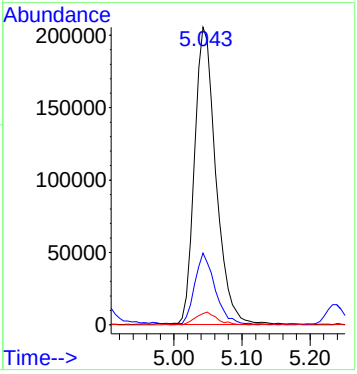


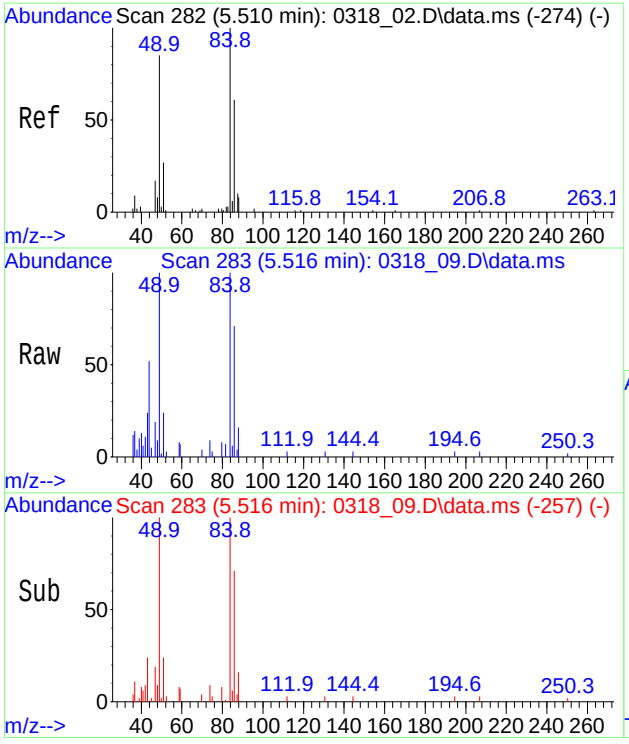


#14
Isopropylalcohol
Conc: 8$ 13.636 ppbv
RT: 5.043 min Scan# 207
Delta R.T. -0.012 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 45 Resp: 449965

Ion	Ratio	Lower	Upper
45	100		
43	22.7	17.4	26.2
59	4.3	2.7	4.1#

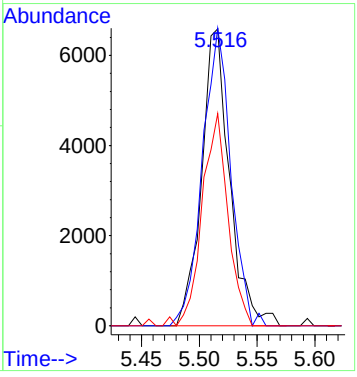


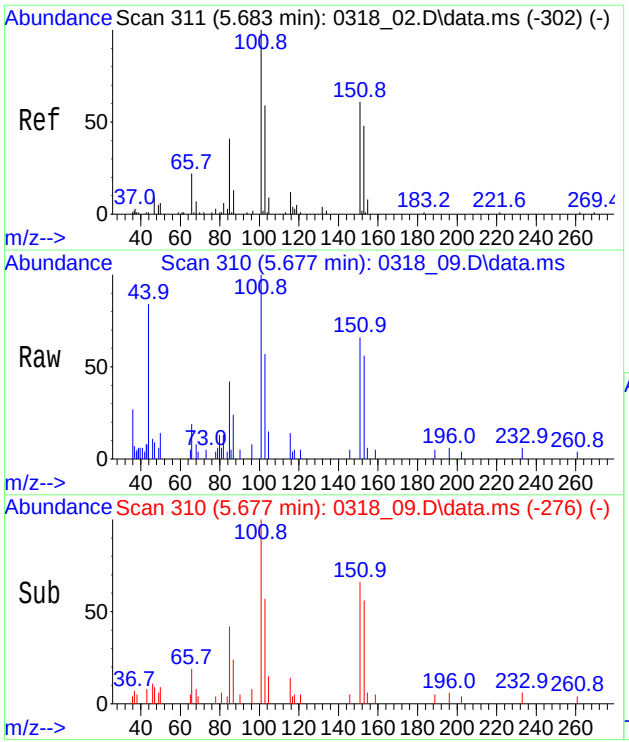


#17
Methylene Chloride
Conc: 8$ 0.446 ppbv
RT: 5.516 min Scan# 283
Delta R.T. 0.006 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 49 Resp: 11146

Ion	Ratio	Lower	Upper
49	100		
84	101.4	54.7	82.1#
86	65.7	37.5	56.3#

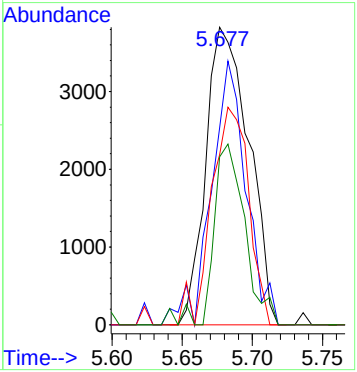


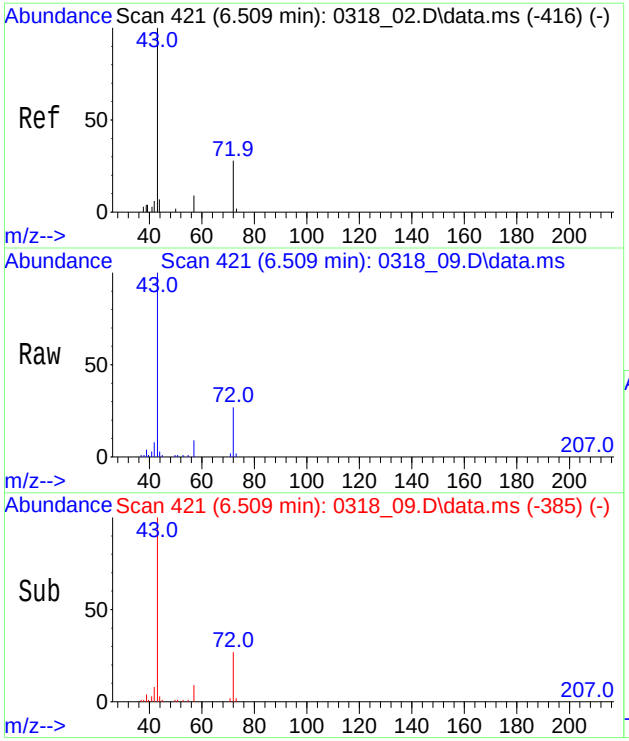


#21
Trichlorotrifluoroethane
Conc: 8$ Below Cal
RT: 5.677 min Scan# 310
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:101 Resp: 8160

Ion	Ratio	Lower	Upper
101	100		
151	72.0	78.4	117.6#
103	63.3	55.4	83.0
153	42.0	49.2	73.8#

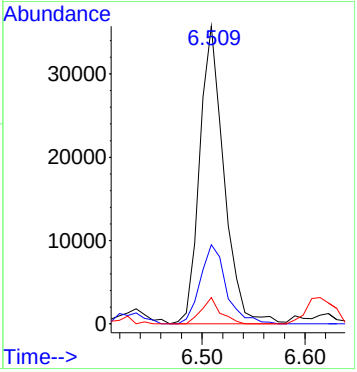


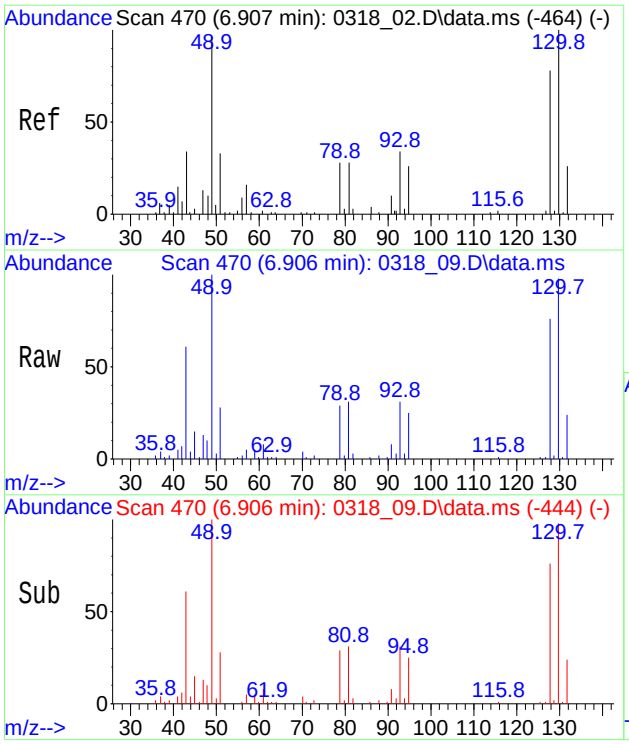


#25
Methyl Ethyl Ketone
Conc: 8$ 2.715 ppbv
RT: 6.509 min Scan# 421
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 43 Resp: 58443

Ion	Ratio	Lower	Upper
43	100		
72	28.2	14.6	22.0#
57	6.9	5.7	8.5

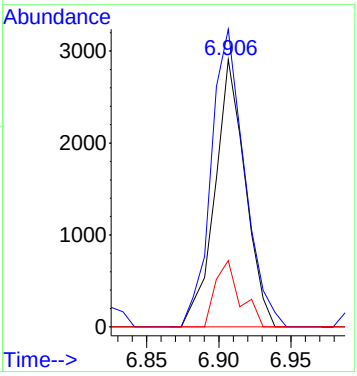


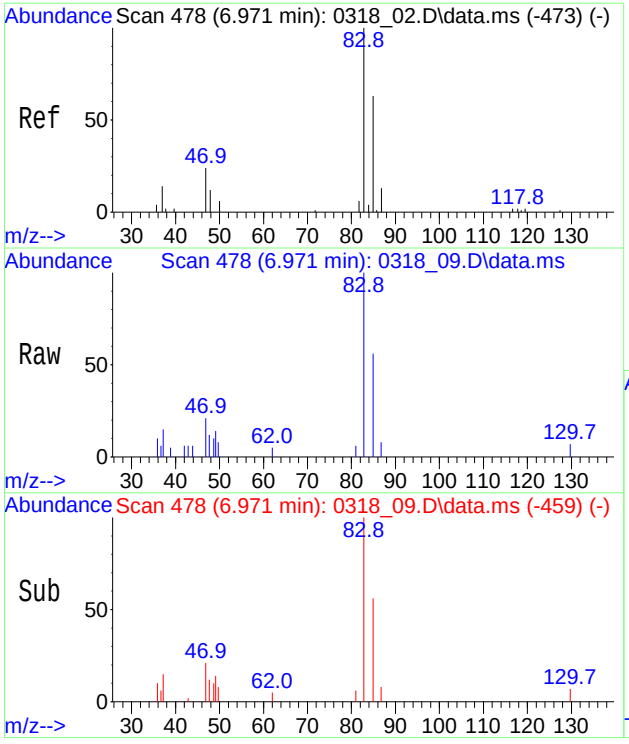


#27
Hexane
Conc: 8$ 0.301 ppbv
RT: 6.906 min Scan# 470
Delta R.T. 0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 57 Resp: 4253

Ion	Ratio	Lower	Upper
57	100		
41	122.2	83.3	124.9
86	20.2	10.7	16.1#

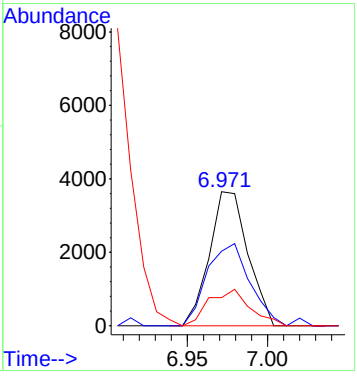


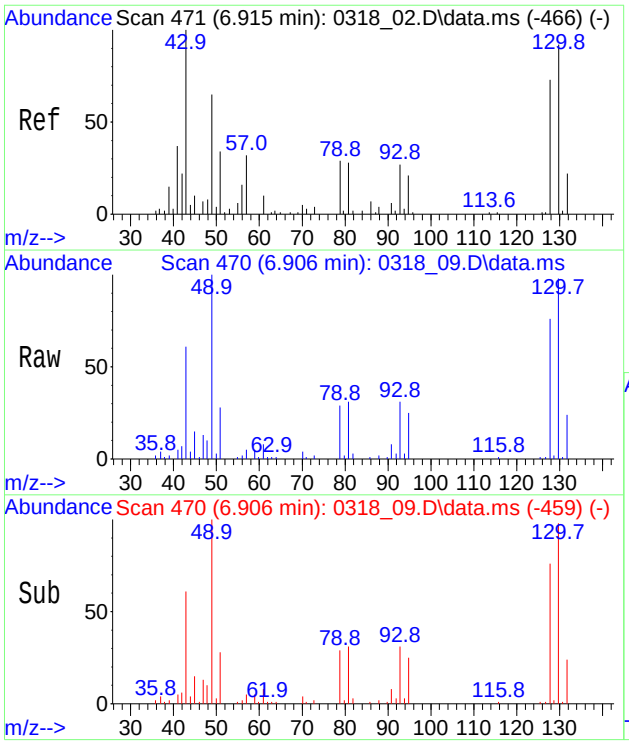


#28
Chloroform
Conc: 8$ 0.231 ppbv
RT: 6.971 min Scan# 478
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 83 Resp: 6108

Ion	Ratio	Lower	Upper
83	100		
85	70.0	43.7	83.7
47	29.4	13.4	53.4

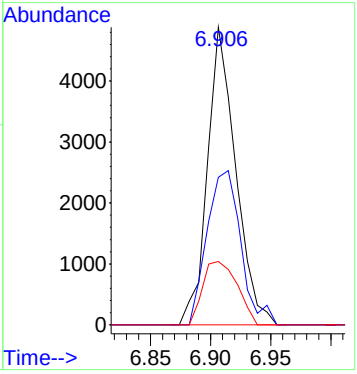


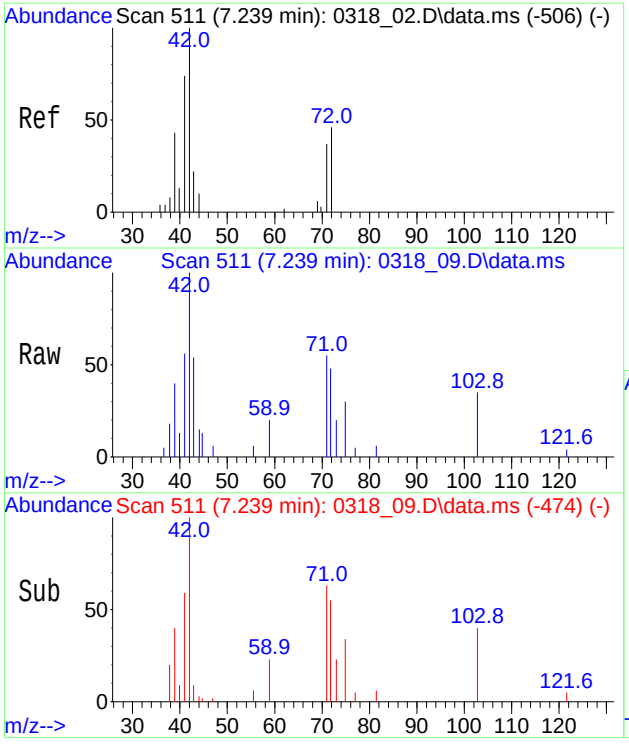


#29
Ethyl acetate
Conc: 8$ 2.343 ppbv
RT: 6.906 min Scan# 470
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 61 Resp: 8013

Ion	Ratio	Lower	Upper
61	100		
70	61.9	53.6	80.4
88	26.0	16.0	24.0#

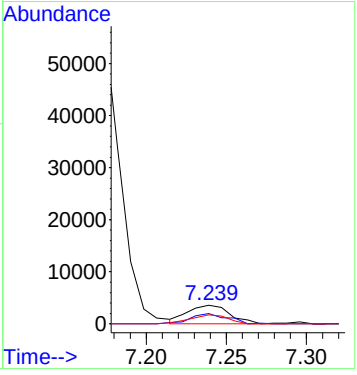


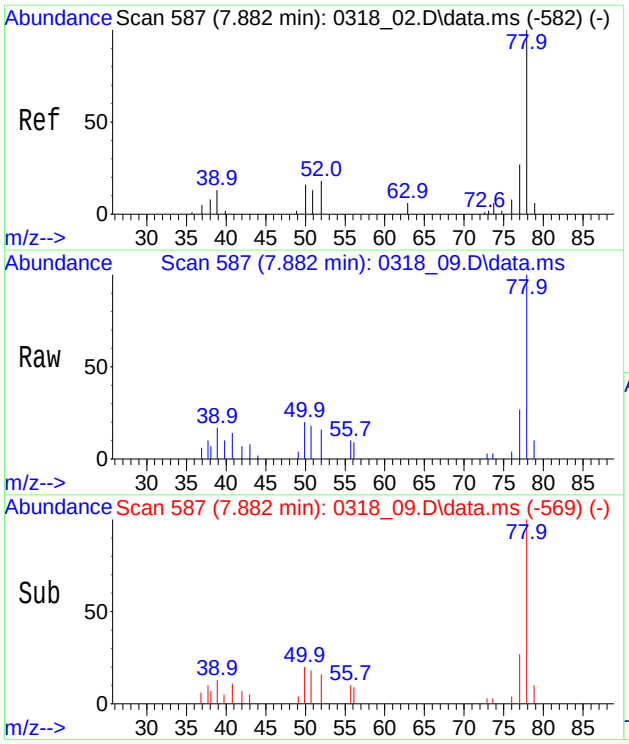


#30
Tetrahydrofuran
Conc: 8$ 0.603 ppbv
RT: 7.239 min Scan# 511
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 42 Resp: 6684

Ion	Ratio	Lower	Upper
42	100		
71	48.1	25.0	37.4#
72	42.3	25.0	37.6#

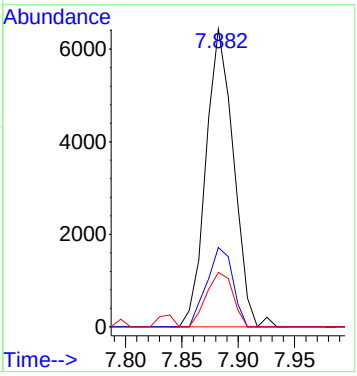


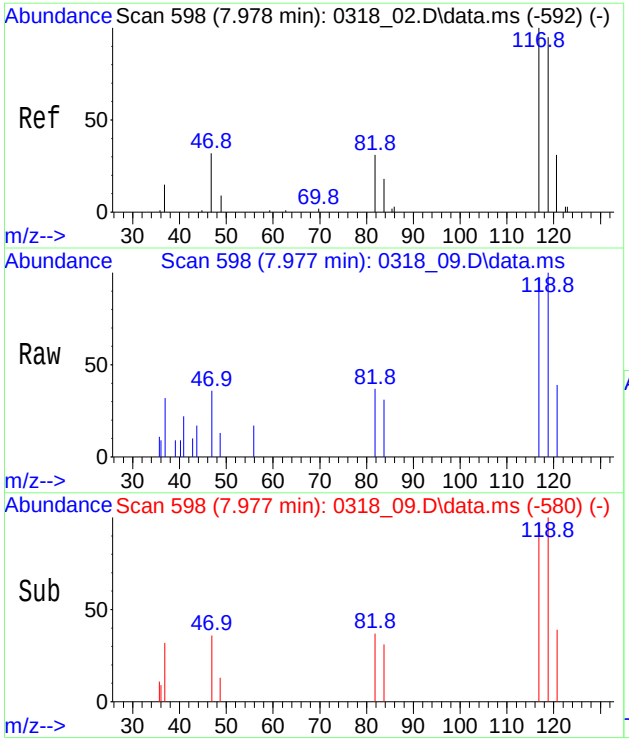


#33
Benzene
Conc: 8$ 0.319 ppbv
RT: 7.882 min Scan# 587
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 78 Resp: 11010

Ion	Ratio	Lower	Upper
78	100		
77	24.9	22.6	34.0
51	17.5	18.7	28.1#

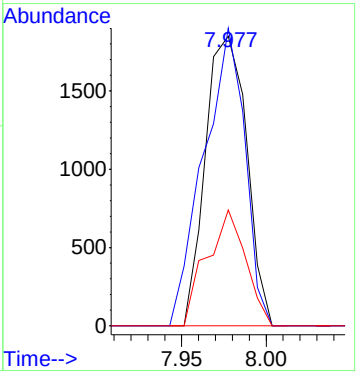


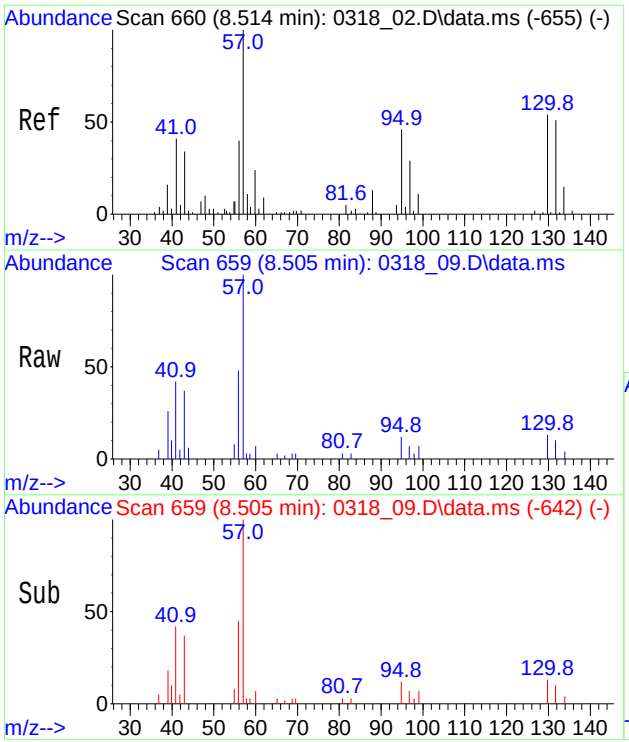


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.977 min Scan# 598
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:117 Resp: 3138

Ion	Ratio	Lower	Upper
117	100		
119	102.5	73.6	113.6
121	37.8	10.9	50.9

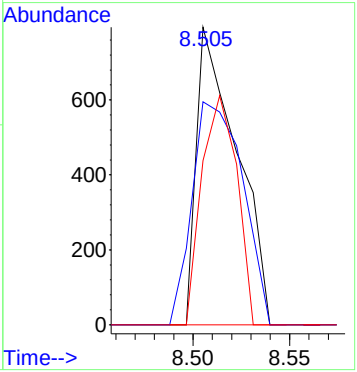


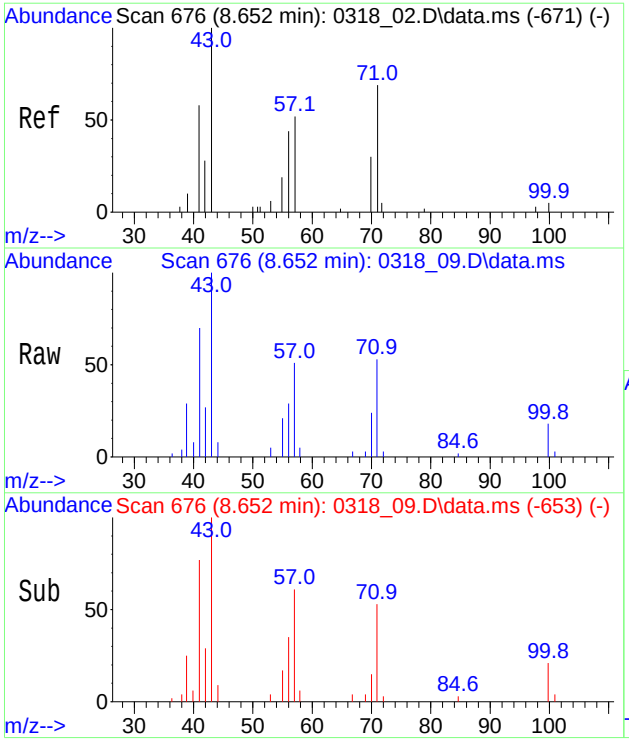


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.505 min Scan# 659
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:130 Resp: 1156

Ion	Ratio	Lower	Upper
130	100		
132	93.7	78.5	117.7
97	66.3	51.7	77.5

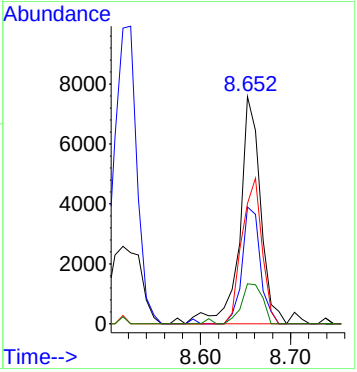


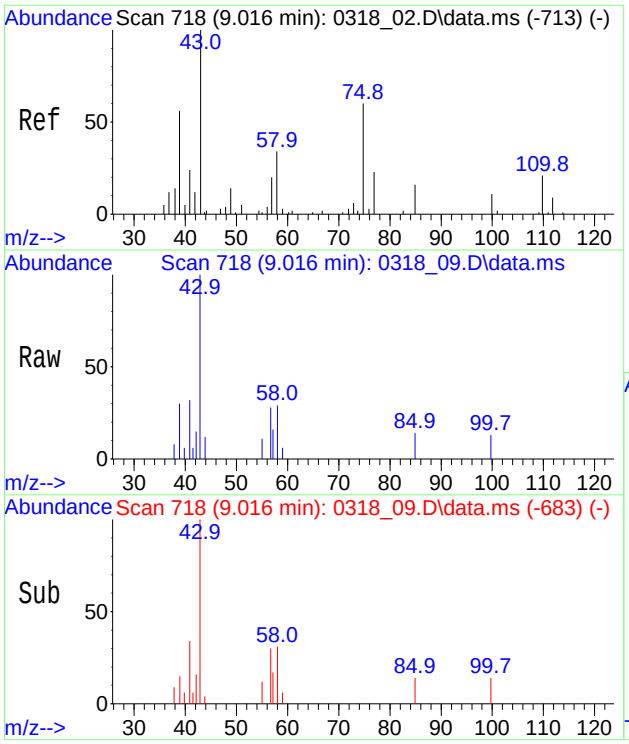


#43
Heptane
Conc: 8$ 0.656 ppbv
RT: 8.652 min Scan# 676
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 43 Resp: 12254

Ion	Ratio	Lower	Upper
43	100		
57	44.6	36.0	54.0
71	60.9	37.8	56.6#
100	17.7	7.7	11.5#

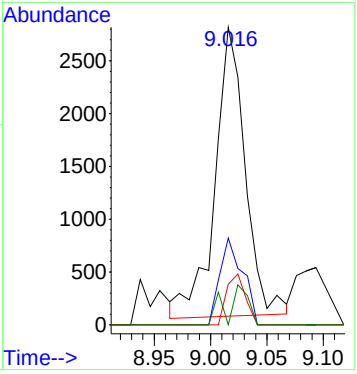


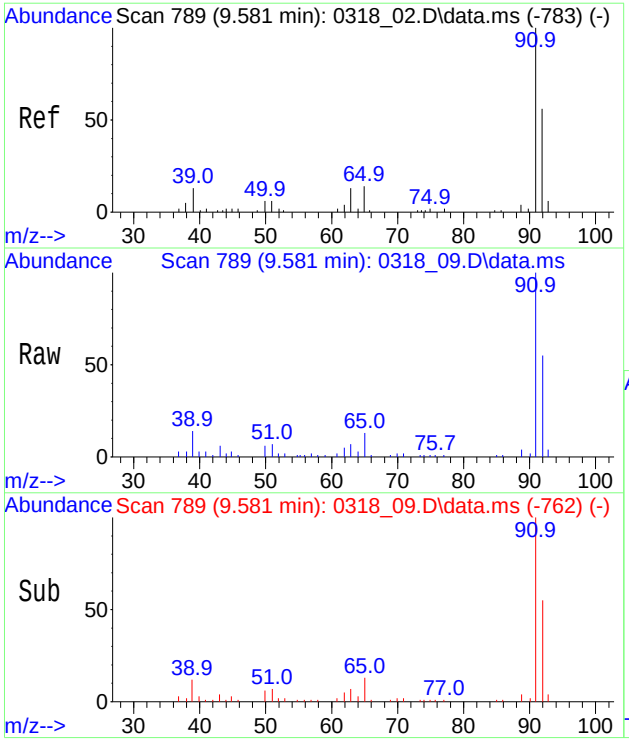


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.163 ppbv
RT: 9.016 min Scan# 718
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 43 Resp: 5140

Ion	Ratio	Lower	Upper
43	100		
58	22.6	24.1	36.1#
85	10.9	14.8	22.2#
100	9.7	7.0	10.4

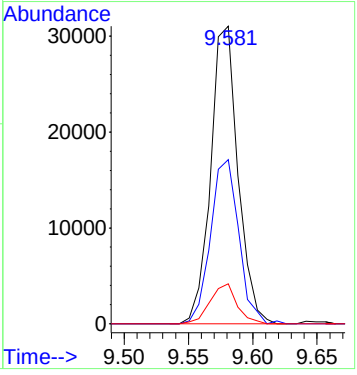


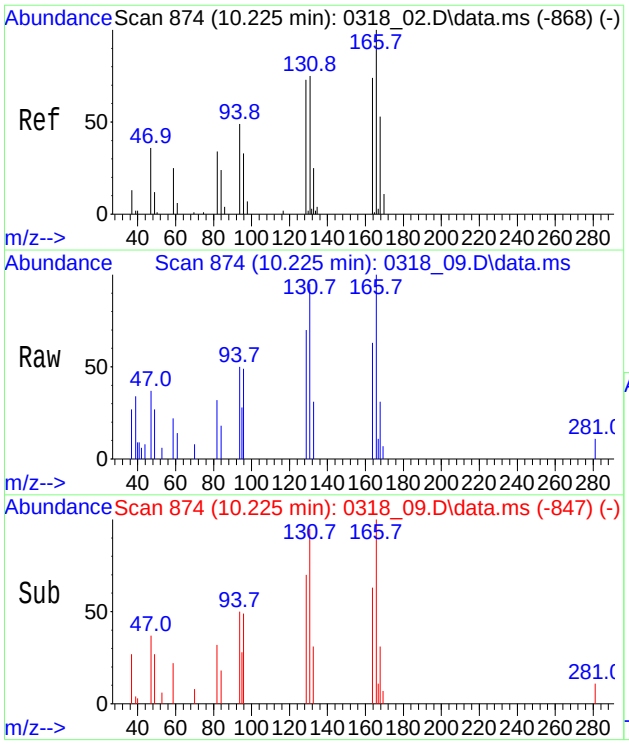


#48
Toluene
Conc: 8$ 1.014 ppbv
RT: 9.581 min Scan# 789
Delta R.T. 0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 46025

Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.5	69.7
65	13.2	10.6	16.0

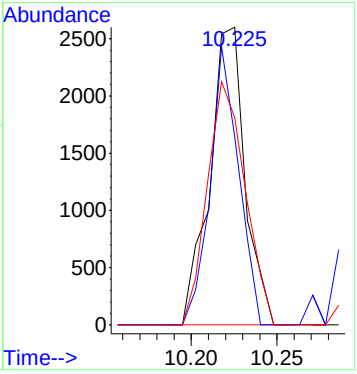


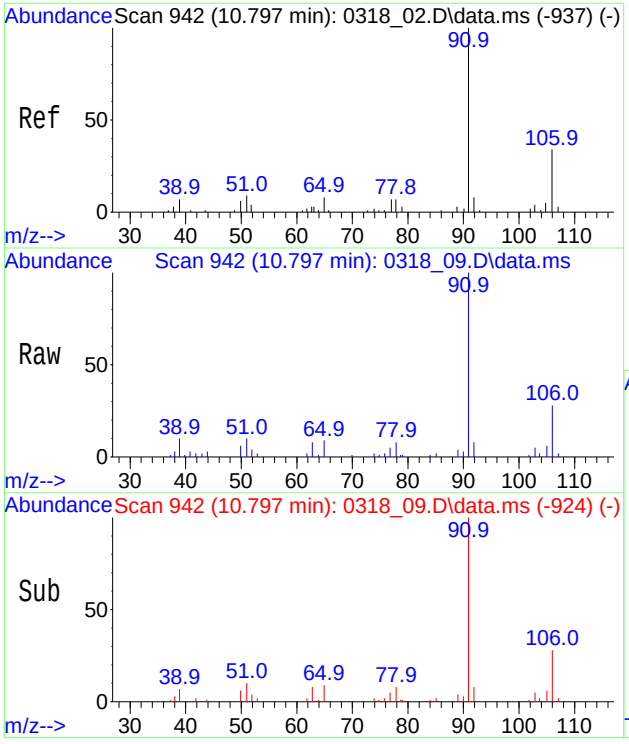


#52
Tetrachloroethene
Conc: 8$ 0.152 ppbv
RT: 10.225 min Scan# 874
Delta R.T. 0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:166 Resp: 3735

Ion	Ratio	Lower	Upper
166	100		
164	75.0	61.4	92.0
129	87.3	55.3	82.9#

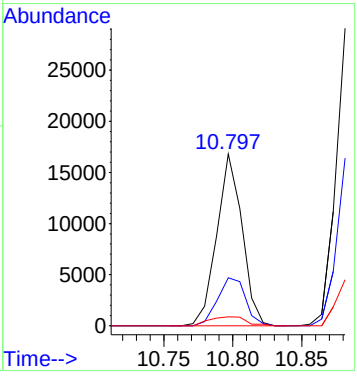


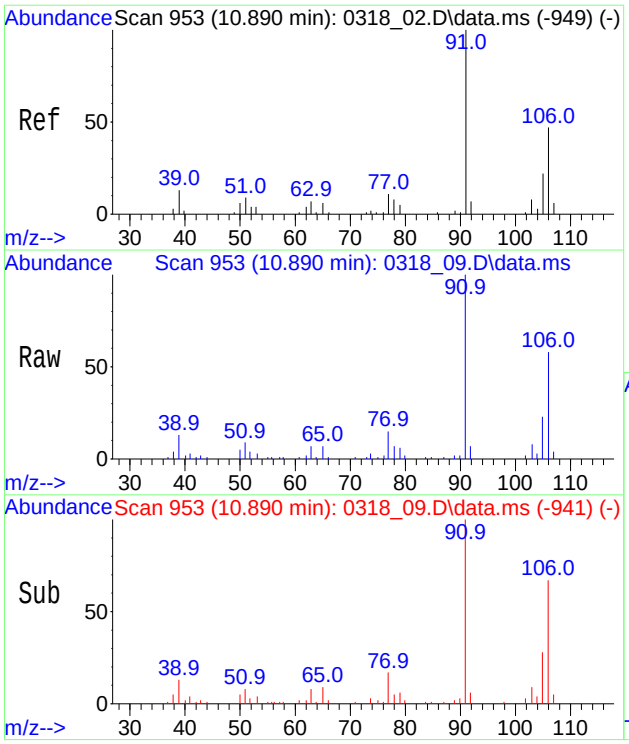


#56
Ethylbenzene
Conc: 8$ 0.431 ppbv
RT: 10.797 min Scan# 942
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 21457

Ion	Ratio	Lower	Upper
91	100		
106	30.9	13.6	53.6
77	7.6	0.0	30.2

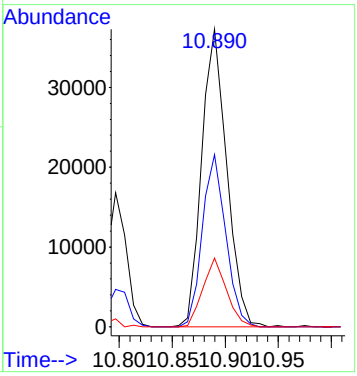


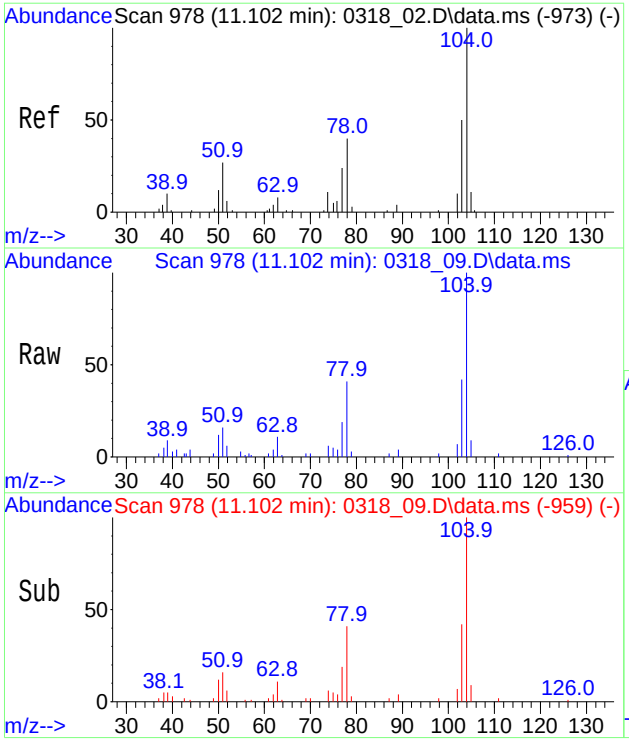


#57
m,p-Xylene
Conc: 8$ 1.611 ppbv
RT: 10.890 min Scan# 953
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 61313

Ion	Ratio	Lower	Upper
91	100		
106	54.0	38.0	57.0
105	21.9	19.0	28.6

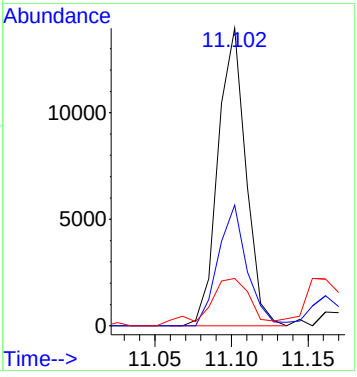


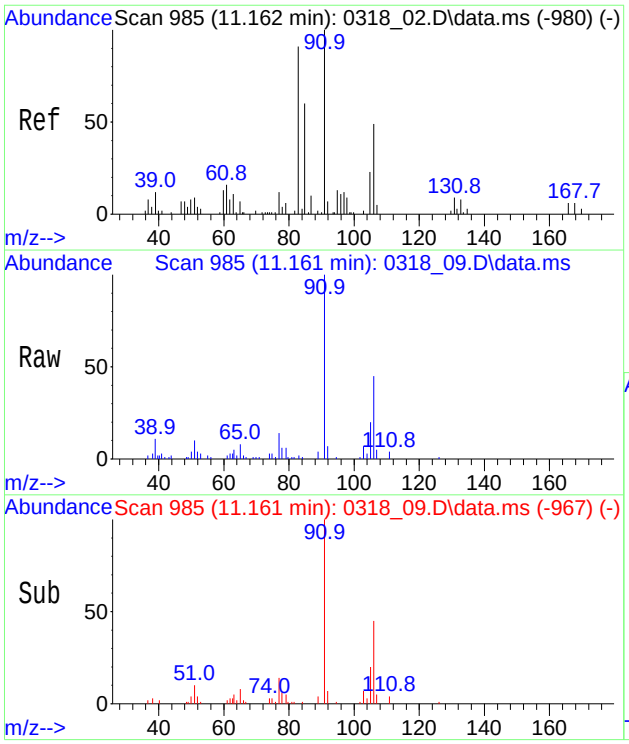


#59
Styrene
Conc: 8$ 0.593 ppbv
RT: 11.102 min Scan# 978
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:104 Resp: 17656

Ion	Ratio	Lower	Upper
104	100		
78	42.4	33.4	50.2
51	23.8	22.1	33.1

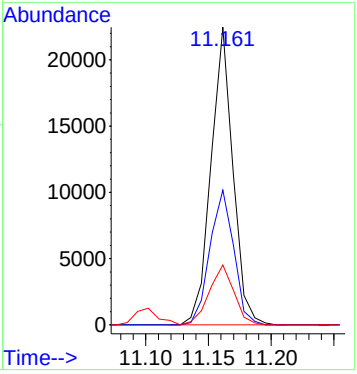


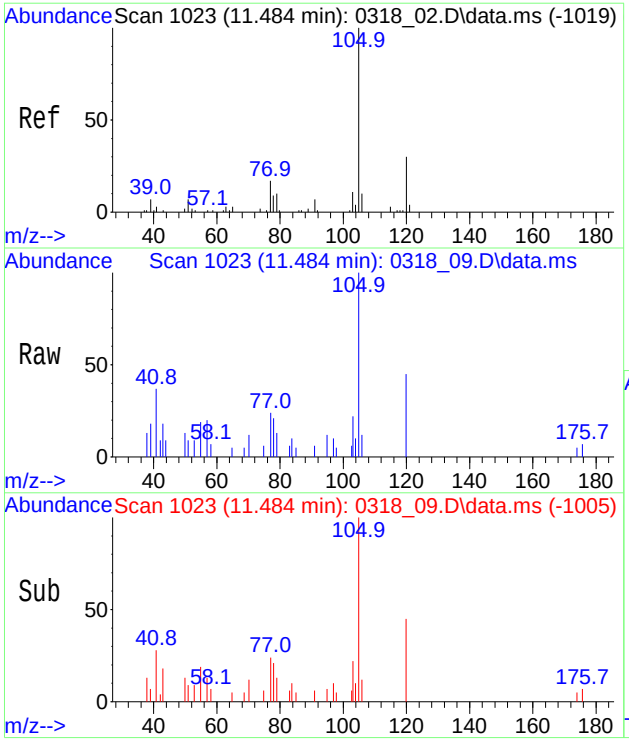


#61
o-Xylene
Conc: 8$ 0.676 ppbv
RT: 11.161 min Scan# 985
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 27438

Ion	Ratio	Lower	Upper
91	100		
106	49.1	37.5	56.3
105	22.7	16.1	24.1

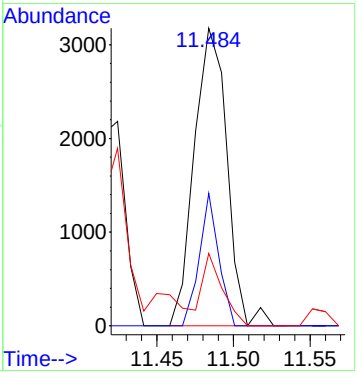


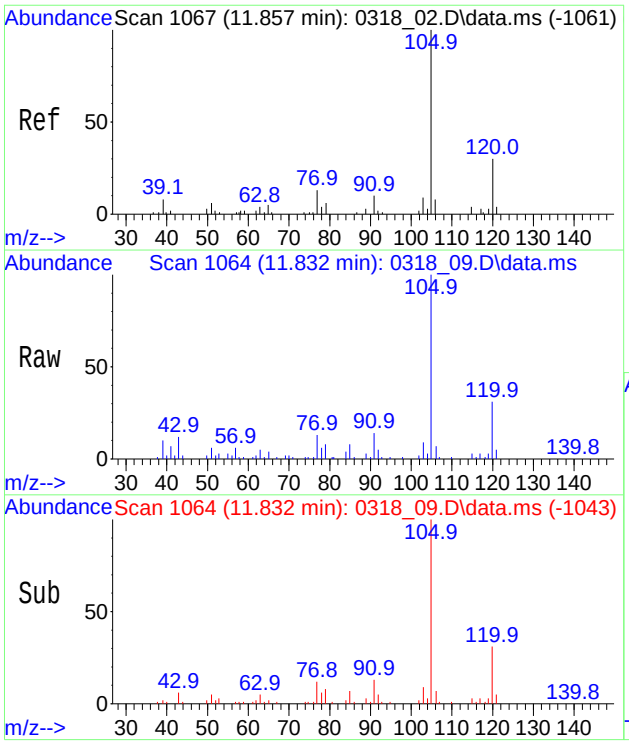


#64
Isopropylbenzene
Conc: 8$ Below Cal
RT: 11.484 min Scan# 1023
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:105 Resp: 4728

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	14.4	13.0	19.4

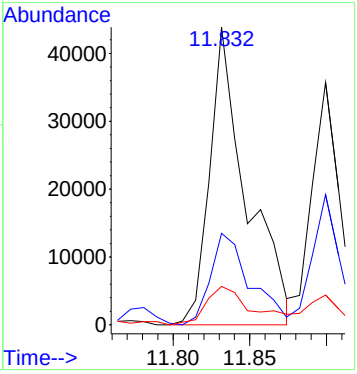


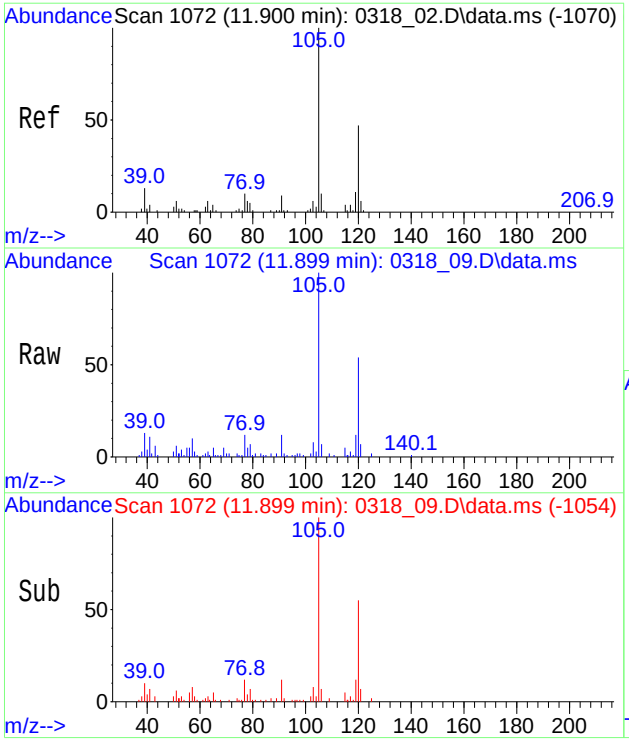


#66
4-Ethyltoluene
Conc: 8$ 1.231 ppbv
RT: 11.832 min Scan# 1064
Delta R.T. -0.025 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:105 Resp: 73360

Ion	Ratio	Lower	Upper
105	100		
120	33.5	25.2	37.8
77	16.0	10.9	16.3

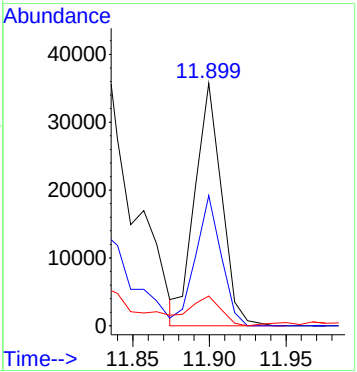


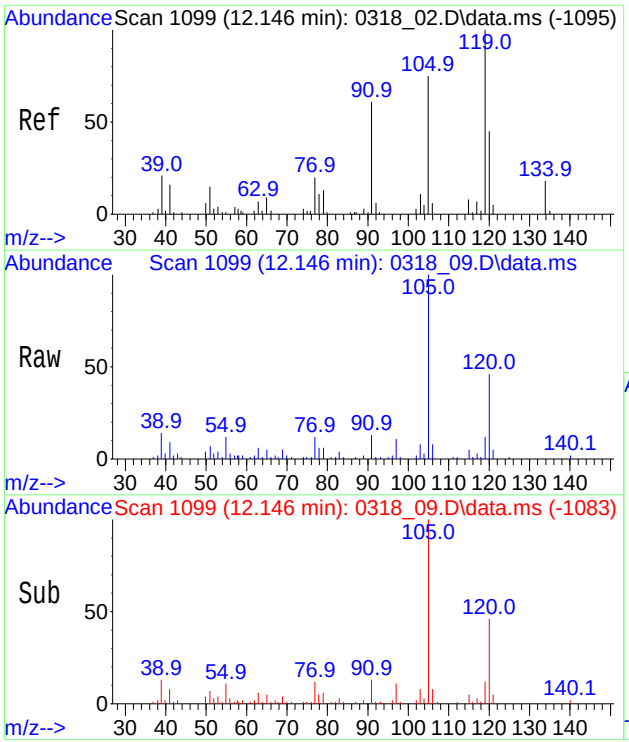


#67
1,3,5-Trimethylbenzene
Conc: 8$ 0.943 ppbv
RT: 11.899 min Scan# 1072
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:105 Resp: 43419

Ion	Ratio	Lower	Upper
105	100		
120	51.7	38.1	57.1
77	14.3	11.1	16.7

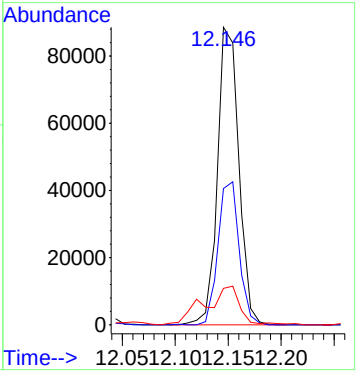


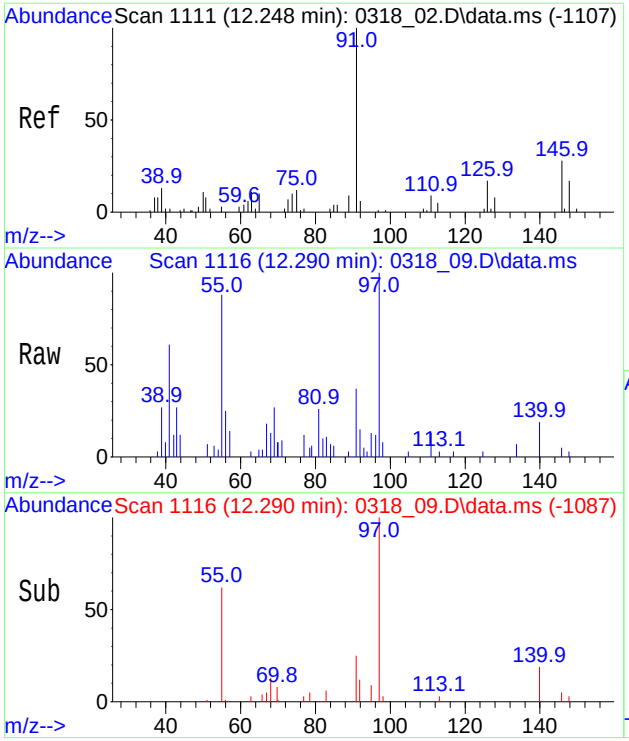


#68
1,2,4-Trimethylbenzene
Conc: 8$ 2.234 ppbv
RT: 12.146 min Scan# 1099
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:105 Resp: 123138

Ion	Ratio	Lower	Upper
105	100		
120	47.8	46.2	69.4
77	21.8	21.8	32.6

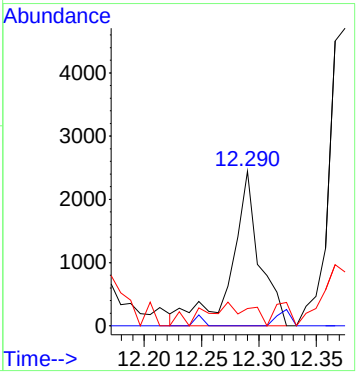


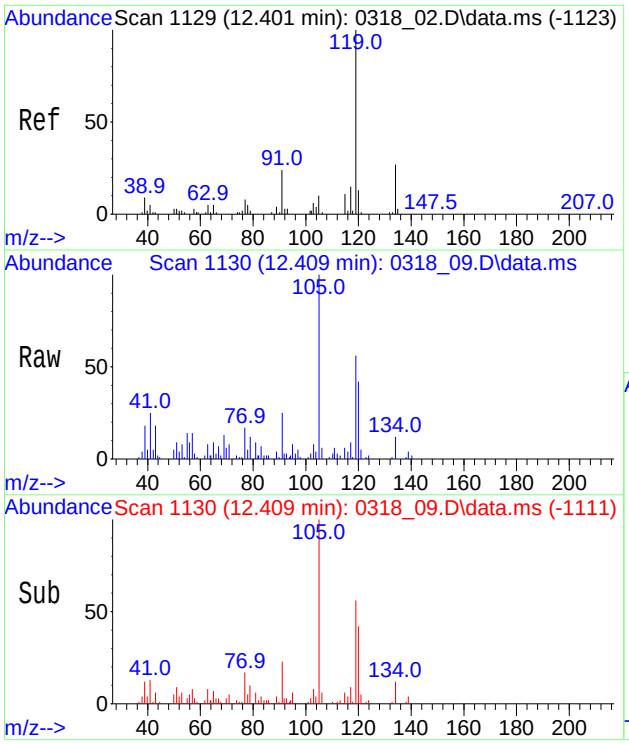


#71
Benzyl chloride
Conc: 8$ Below Cal
RT: 12.290 min Scan# 1116
Delta R.T. 0.043 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 4127

Ion	Ratio	Lower	Upper
91	100		
126	2.1	17.6	26.4#
65	25.1	11.3	16.9#

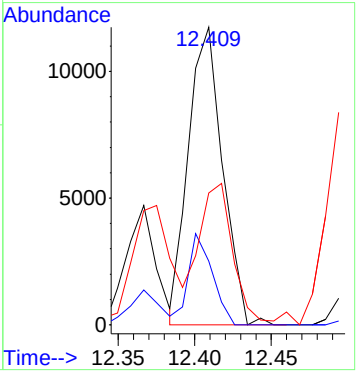


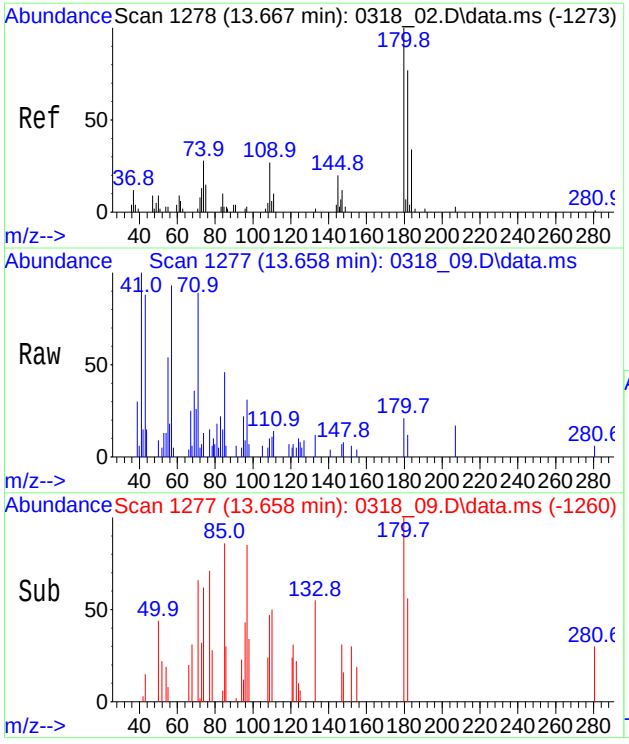


#75
4-Isopropyltoluene
Conc: 8$ 0.241 ppbv
RT: 12.409 min Scan# 1130
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:119 Resp: 18307

Ion	Ratio	Lower	Upper
119	100		
134	21.5	20.2	30.2
91	44.2	25.4	38.0#

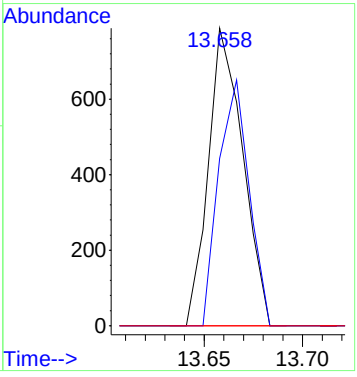


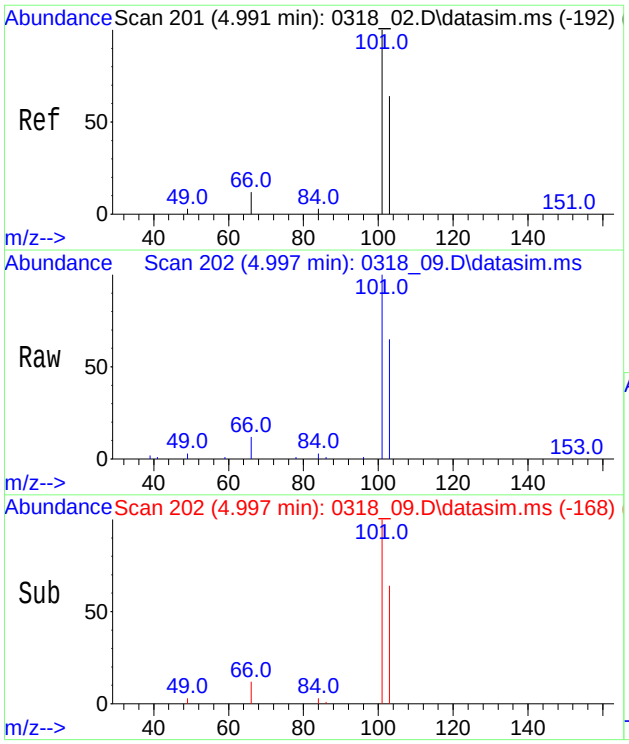


#78
1,2,4-Trichlorobenzene
Conc: 8$ Below Cal
RT: 13.658 min Scan# 1277
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:180 Resp: 957

Ion	Ratio	Lower	Upper
180	100		
182	72.8	77.4	116.0#
145	0.0	22.6	33.8#

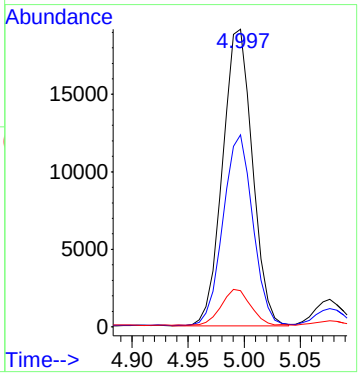


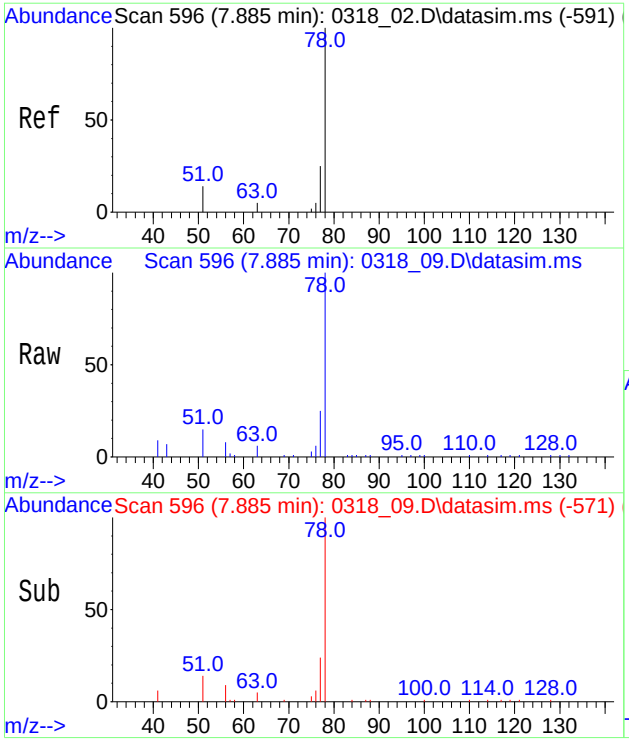


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.393 ppbv
RT: 4.997 min Scan# 202
Delta R.T. 0.006 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:101 Resp: 35420

Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.9	80.9
66	12.0	12.2	12.2#

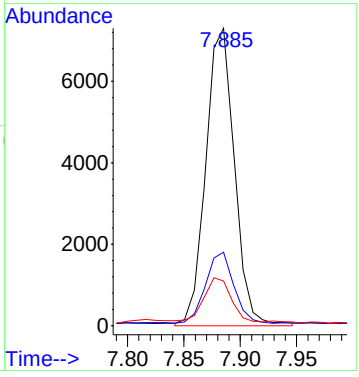


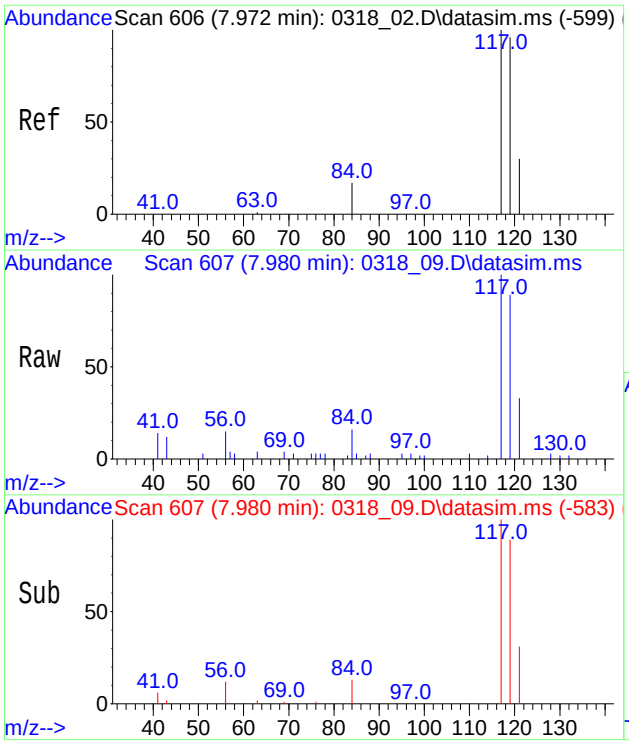


#88
Benzene(sim)
Conc: 8$ 0.272 ppbv
RT: 7.882 min Scan# 596
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 78 Resp: 11010

Ion	Ratio	Lower	Upper
78	100		
77	24.9	22.8	34.2
51	17.5	19.6	29.4#

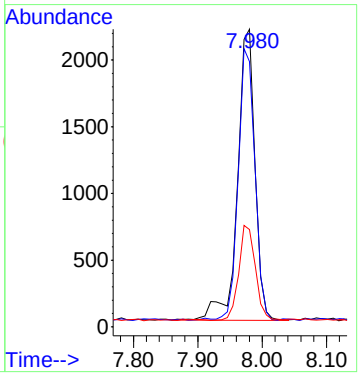


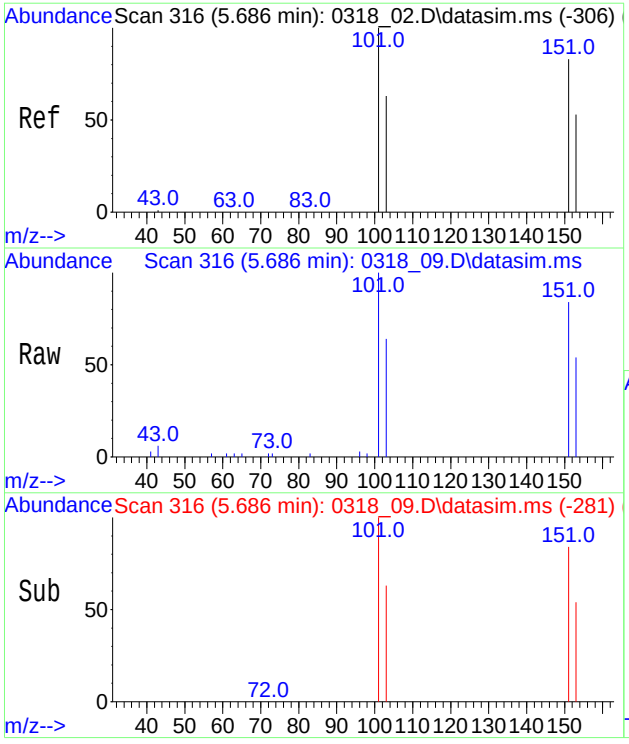


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.159 ppbv
RT: 7.980 min Scan# 607
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:117 Resp: 4138

Ion	Ratio	Lower	Upper
117	100		
119	88.8	75.0	112.4
121	30.9	25.1	37.7

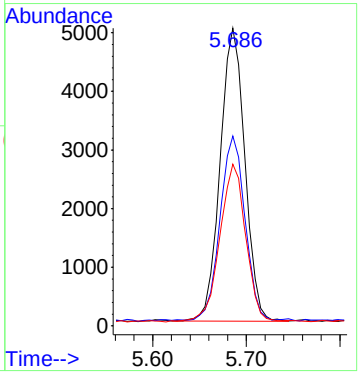


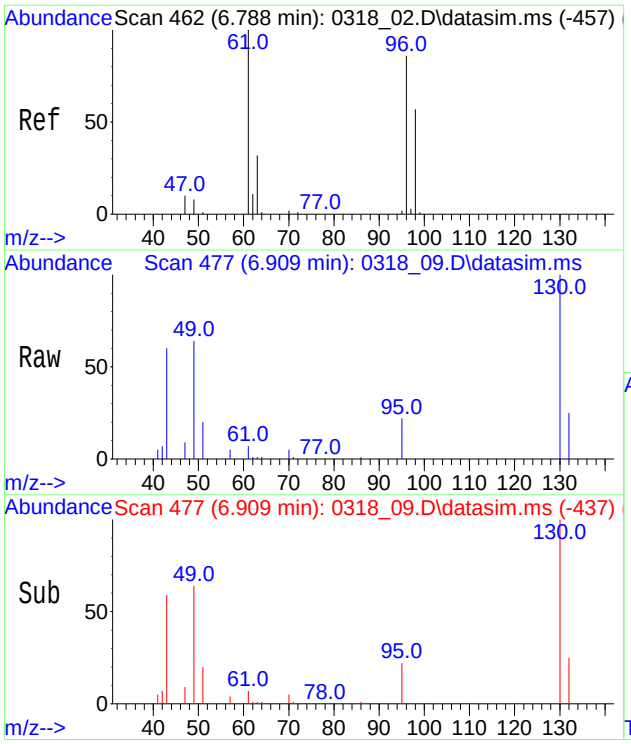


#91
Trichlorotrifluoroethane(sim)
Conc: 8$ 0.111 ppbv
RT: 5.686 min Scan# 316
Delta R.T. 0.006 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:101 Resp: 9164

Ion	Ratio	Lower	Upper
101	100		
103	63.6	53.4	80.2
153	56.9	64.5	64.5#

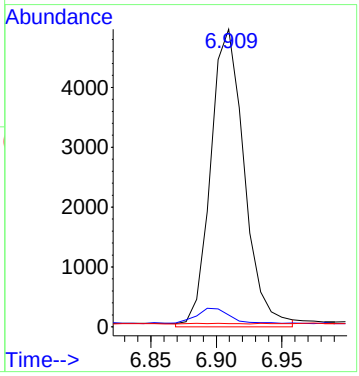


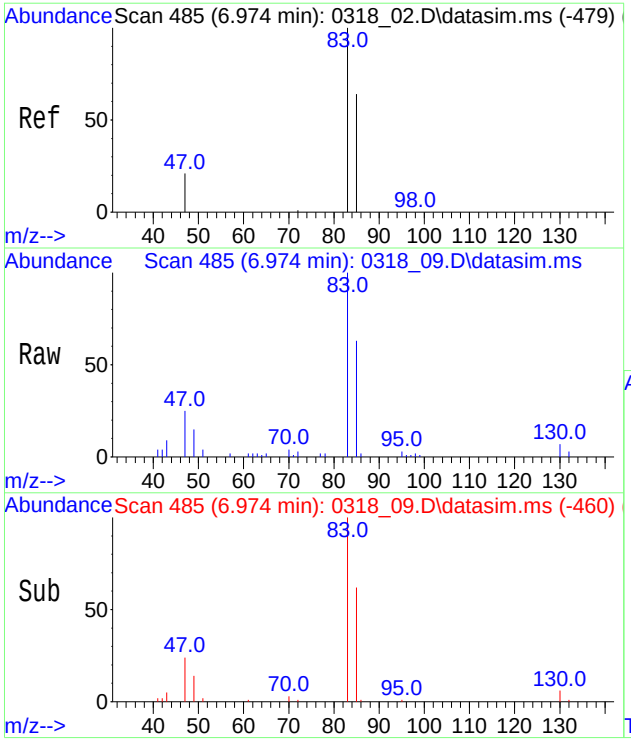


#94
Cis-1,2-Dichloroethene(sim)
Conc: 8$ 0.460 ppbv
RT: 6.906 min Scan# 477
Delta R.T. 0.122 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 61 Resp: 8013

Ion	Ratio	Lower	Upper
61	100		
96	4.1	61.5	92.3#
98	0.0	35.9	53.9#

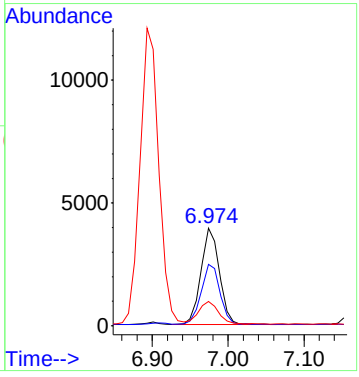


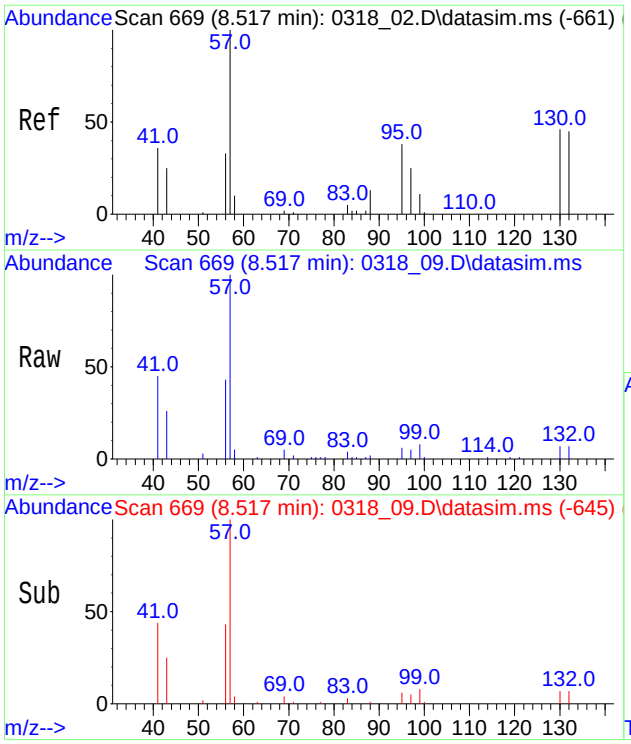


#95
Chloroform(sim)
Conc: 8$ 0.193 ppbv
RT: 6.974 min Scan# 485
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 83 Resp: 6660

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5
47	24.3	24.1	36.1

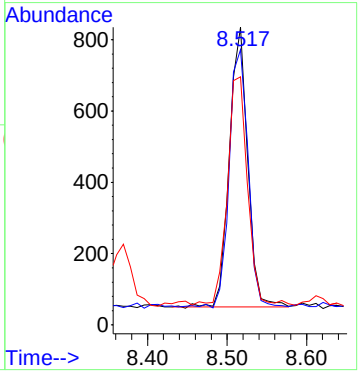


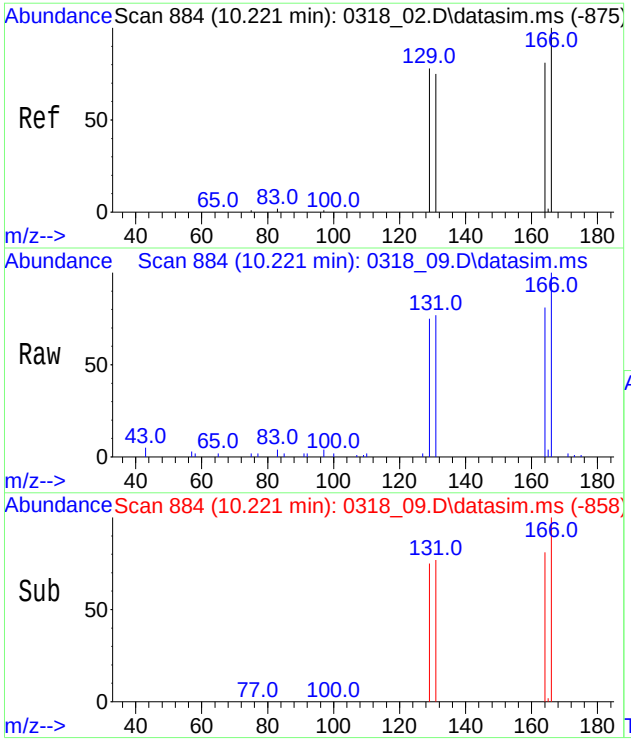


#99
Trichloroethene(sim)
Conc: 8$ 0.051 ppbv
RT: 8.517 min Scan# 669
Delta R.T. 0.009 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:130 Resp: 1259

Ion	Ratio	Lower	Upper
130	100		
132	93.7	80.7	121.1
95	89.3	76.2	114.2

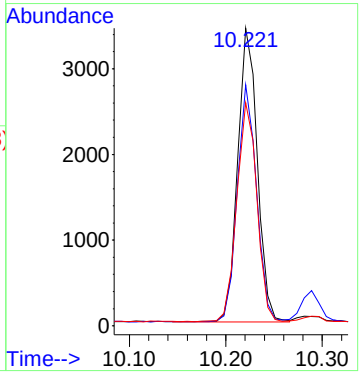


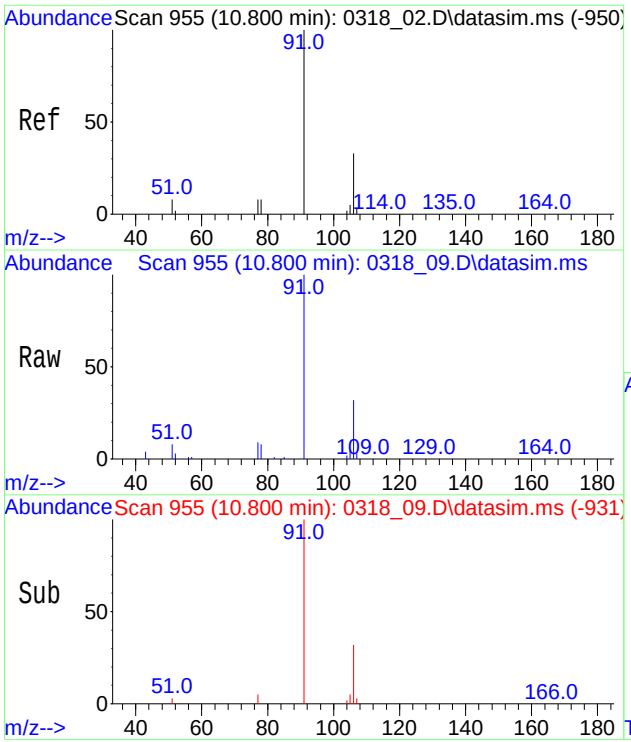


#105
Tetrachloroethene(sim)
Conc: 8$ 0.157 ppbv
RT: 10.221 min Scan# 884
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:166 Resp: 4836

Ion	Ratio	Lower	Upper
166	100		
164	79.2	58.0	98.0
129	76.3	48.3	88.3

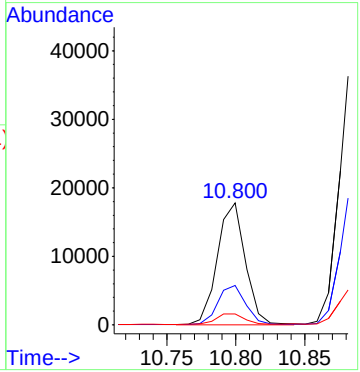


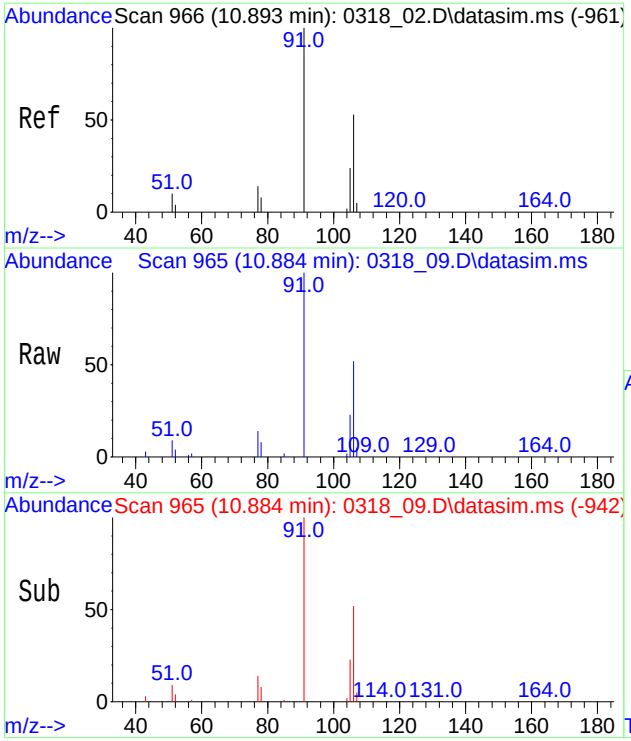


#108
Ethylbenzene(sim)
Conc: 8$ 0.376 ppbv
RT: 10.797 min Scan# 955
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 21457

Ion	Ratio	Lower	Upper
91	100		
106	30.9	0.0	0.0#
77	7.3	0.0	0.0#

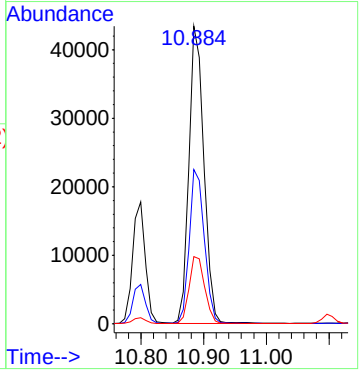


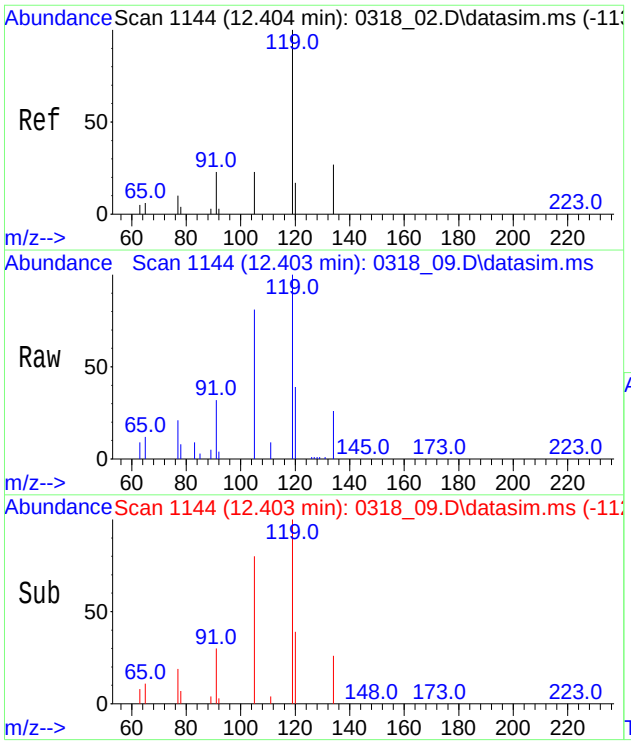


#109
m,p-Xylene(sim)
Conc: 8$ 1.459 ppbv
RT: 10.884 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion: 91 Resp: 72204

Ion	Ratio	Lower	Upper
91	100		
106	52.3	43.2	52.8
105	23.3	19.0	28.6

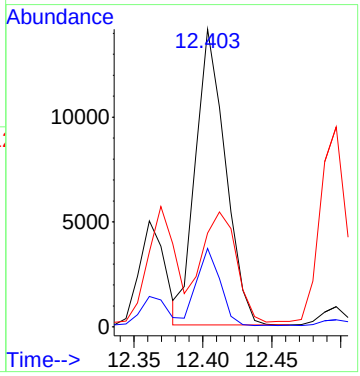


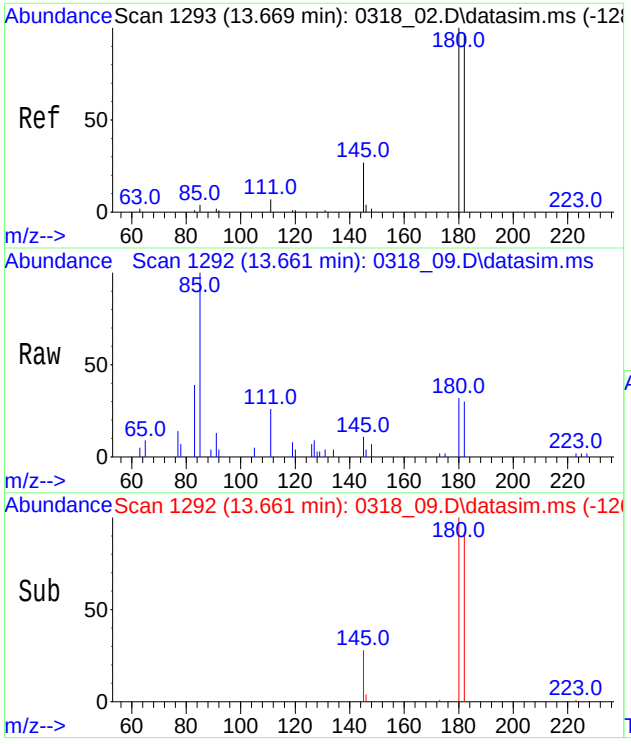


#117
4-Isopropyltoluene(sim)
Conc: 8$ 0.265 ppbv
RT: 12.403 min Scan# 1144
Delta R.T. 0.000 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:119 Resp: 21361

Ion	Ratio	Lower	Upper
119	100		
134	20.2	20.2	30.2
91	42.3	25.4	38.0#

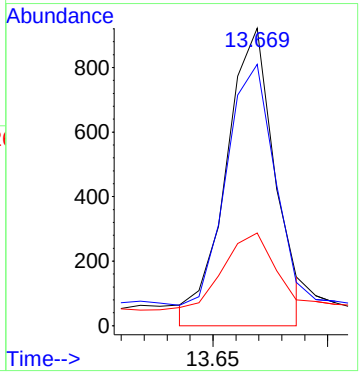




#120
1,2,4-Trichlorobenzene(sim)
Conc: 8$ Below Cal
RT: 13.658 min Scan# 1292
Delta R.T. -0.003 min
Lab File: 0318_09.D
Acq: 18 Mar 2026 8:58 pm

Tgt Ion:180 Resp: 833

Ion	Ratio	Lower	Upper
180	100		
182	67.0	74.6	114.6#
145	15.4	7.6	47.6



CLIENT ID

AIR ANALYSIS DATA SHEET

CV51571 BLANK

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 BL

Canister: BL Lab File ID: 0318_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.140	U	0.140	0.140	r
75-71-8	Dichlorodifluoromethane	0.030	U	0.030	0.030	r
74-87-3	Chloromethane	0.047	U	0.047	0.047	r
106-99-0	1,3-Butadiene	0.028	U	0.028	0.028	r
75-00-3	Chloroethane	0.038	U	0.038	0.038	r
64-17-5	Ethanol	0.036	U	0.036	0.036	r
67-64-1	Acetone	0.037	U	0.037	0.037	r
67-63-0	Isopropylalcohol	0.044	U	0.044	0.044	r
107-13-1	Acrylonitrile	0.230	U	0.230	0.230	r
75-09-2	Methylene Chloride	0.031	U	0.031	0.031	r
75-15-0	Carbon Disulfide	0.029	U	0.029	0.029	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.025	U	0.025	0.025	r
78-93-3	Methyl Ethyl Ketone	0.048	U	0.048	0.048	r
110-54-3	Hexane	0.023	U	0.023	0.023	r
141-78-6	Ethyl acetate	0.139	U	0.139	0.139	r
109-99-9	Tetrahydrofuran	0.027	U	0.027	0.027	r
110-82-7	Cyclohexane	0.041	U	0.041	0.041	r
540-84-1	2,2,4-trimethylpentane	0.100	U	0.100	0.100	r
142-82-5	Heptane	0.031	U	0.031	0.031	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.027	U	0.027	0.027	r
10061-02-6	trans-1,3-Dichloropropene	0.024	U	0.024	0.024	r
108-88-3	Toluene	0.022	U	0.022	0.022	r
591-78-6	2-Hexanone(MBK)	0.021	U	0.021	0.021	r
630-20-6	1,1,1,2-Tetrachloroethane	0.075	U	0.075	0.075	r
108-90-7	Chlorobenzene	0.031	U	0.031	0.031	r
100-42-5	Styrene	0.027	U	0.027	0.027	r
95-47-6	o-Xylene	0.031	U	0.031	0.031	r
98-82-8	Isopropylbenzene	0.028	U	0.028	0.028	r
622-96-8	4-Ethyltoluene	0.028	U	0.028	0.028	r
108-67-8	1,3,5-Trimethylbenzene	0.023	U	0.023	0.023	r
95-63-6	1,2,4-Trimethylbenzene	0.020	U	0.020	0.020	r
91-20-3	Naphthalene	2.50	U	2.50	2.50	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.029	U	0.029	0.029	r
75-01-4	Vinyl Chloride(sim)	0.032	U	0.032	0.032	r
74-83-9	Bromomethane(sim)	0.026	U	0.026	0.026	r
75-69-4	Trichlorofluoromethane(sim)	0.037	U	0.037	0.037	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

AIR ANALYSIS DATA SHEET

CLIENT ID: CV51571 BLANK

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 BL

Canister: BL Lab File ID: 0318_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.023	U	0.023	0.023	r
71-55-6	1,1,1-Trichloroethane(sim)	0.026	U	0.026	0.026	r
71-43-2	Benzene(sim)	0.027	U	0.027	0.027	r
56-23-5	Carbon Tetrachloride(sim)	0.022	U	0.022	0.022	r
75-35-4	1,1-Dichloroethene(sim)	0.037	U	0.037	0.037	r
76-13-1	Trichlorotrifluoroethane(sim)	0.035	U	0.035	0.035	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.021	U	0.021	0.021	r
75-34-3	1,1-Dichloroethane(sim)	0.025	U	0.025	0.025	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.025	U	0.025	0.025	r
67-66-3	Chloroform(sim)	0.023	U	0.023	0.023	r
78-87-5	1,2-dichloropropane(sim)	0.025	U	0.025	0.025	r
75-27-4	Bromodichloromethane(sim)	0.027	U	0.027	0.027	r
79-01-6	Trichloroethene(sim)	0.026	U	0.026	0.026	r
123-91-1	1,4-Dioxane(sim)	0.034	U	0.034	0.034	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.024	U	0.024	0.024	r
79-00-5	1,1,2-Trichloroethane(sim)	0.033	U	0.033	0.033	r
124-48-1	Dibromochloromethane(sim)	0.030	U	0.030	0.030	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.022	U	0.022	0.022	r
127-18-4	Tetrachloroethene(sim)	0.018	U	0.018	0.018	r
75-25-2	Bromoform(sim)	0.023	U	0.023	0.023	r
100-41-4	Ethylbenzene(sim)	0.034	U	0.034	0.034	r
179601-23-1	m,p-Xylene(sim)	0.055	U	0.055	0.055	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.033	U	0.033	0.033	r
100-44-7	Benzyl chloride(sim)	0.031	U	0.031	0.031	r
541-73-1	1,3-Dichlorobenzene(sim)	0.028	U	0.028	0.028	r
106-46-7	1,4-Dichlorobenzene(sim)	0.031	U	0.031	0.031	r
135-98-8	sec-Butylbenzene(sim)	0.091	U	0.091	0.091	r
99-87-6	4-Isopropyltoluene(sim)	0.091	U	0.091	0.091	r
95-50-1	1,2-Dichlorobenzene(sim)	0.027	U	0.027	0.027	r
104-51-8	n-Butylbenzene(sim)	0.091	U	0.091	0.091	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2026 3:54 pm
Operator :
Client ID : CV51571 BLANK
Lab ID : CV51571 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:35:49 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

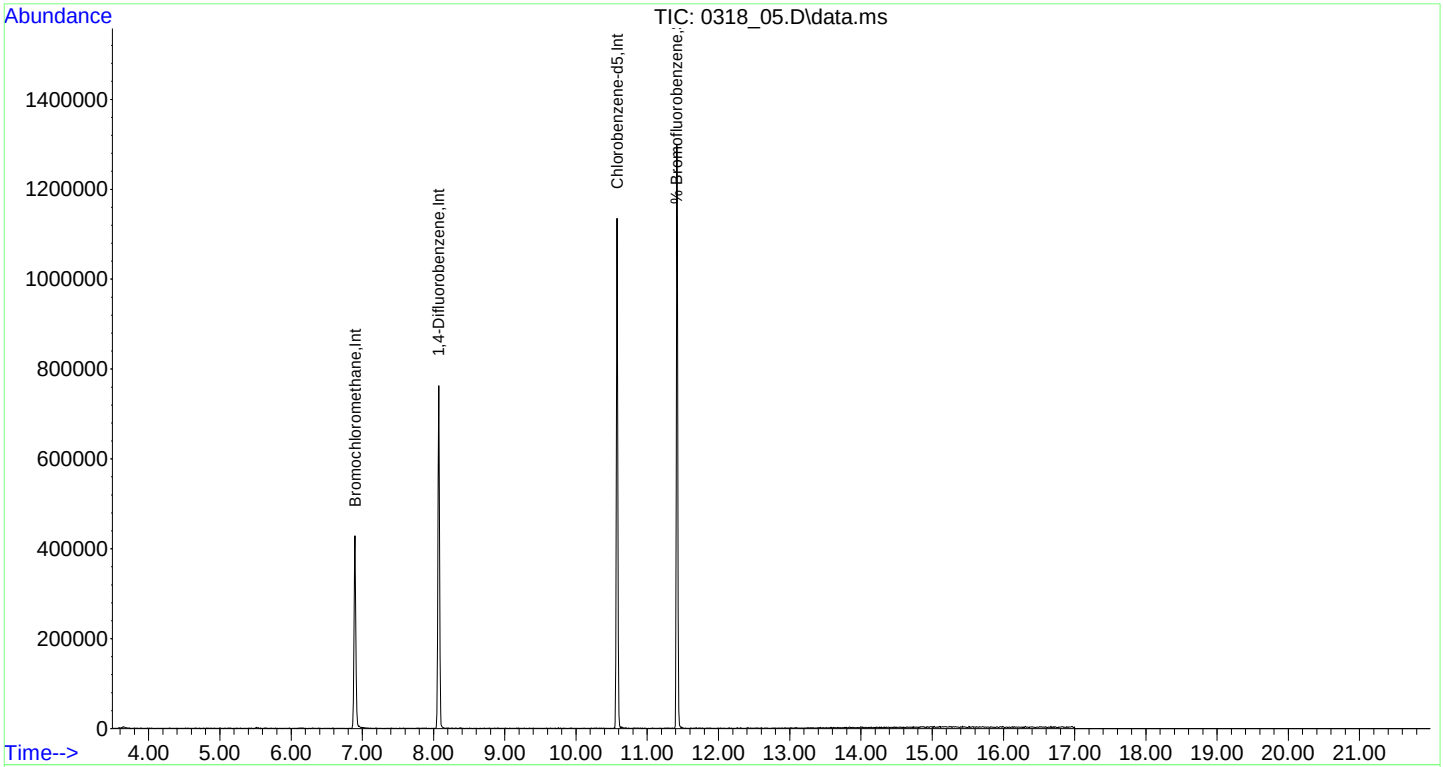
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	148009	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	533963	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	216079	10.000	ng		0.00
81) Bromochloromethane(sim)	6.893	130	176524	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	533963	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	217098	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	269278	11.278	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.80%				
Target Compounds							Qvalue

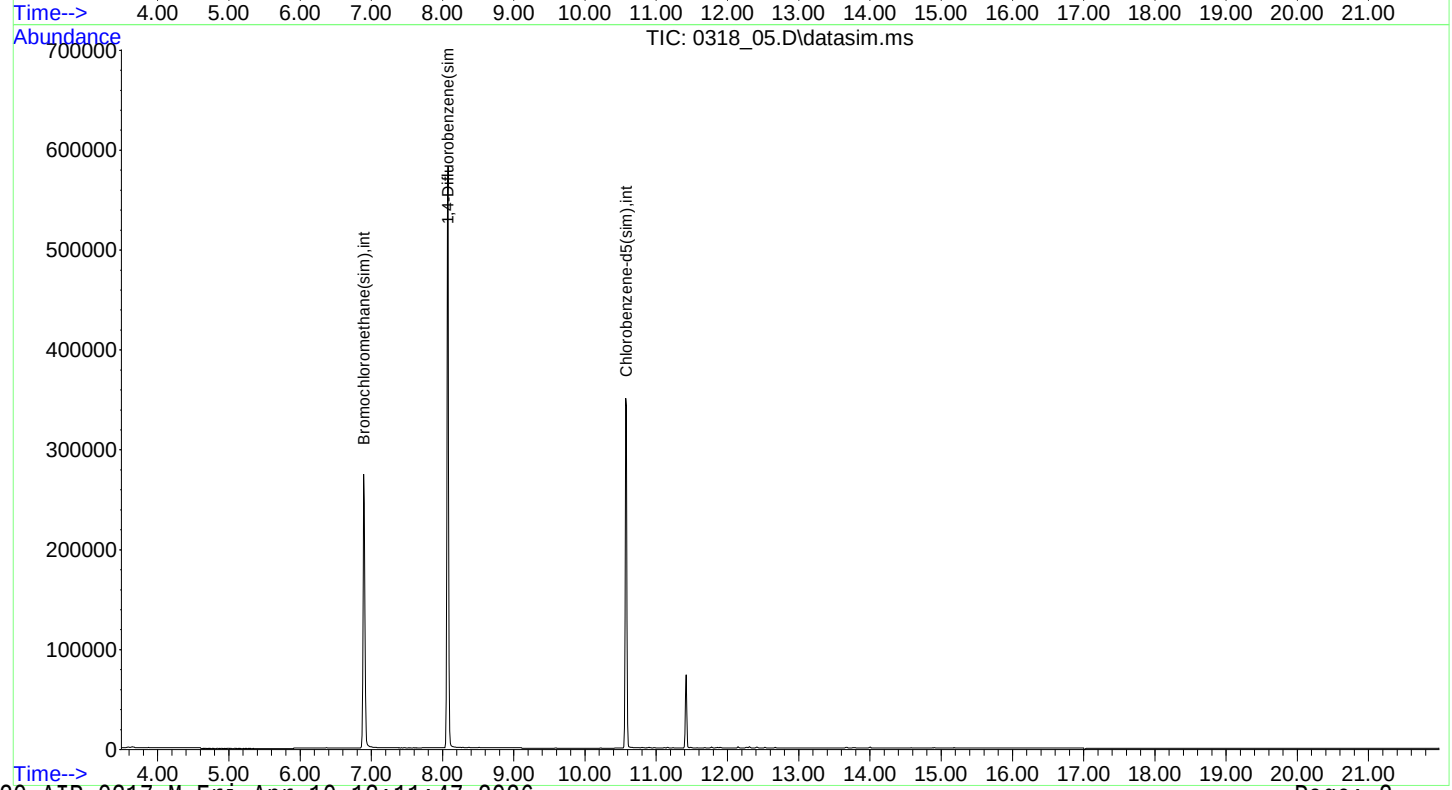
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2026 3:54 pm
Operator :
Client ID : CV51571 BLANK
Lab ID : CV51571 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 07:35:49 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration





1

CLIENT ID

AIR ANALYSIS DATA SHEET

Client:	ENVIROTR		Lab:	Phoenix Env. Labs	CV51571 DUP
SDG No.:	GCV52023			Lab Sample ID:	CV51571 DUP 0.5X
Canister:	23324			Lab File ID:	0318_10.D
Instrument:	CHEM20	Column: RTX-1 60M		Date Received:	03/18/26
Purge Volume	200 (cc)			Date Analyzed:	03/18/26
Matrix:	AIR			Dilution Factor:	0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.138	U	0.138	0.138	r
75-71-8	Dichlorodifluoromethane	0.419		0.030	0.030	r
74-87-3	Chloromethane	0.594		0.047	0.047	r
106-99-0	1,3-Butadiene	0.084		0.027	0.027	r
75-00-3	Chloroethane	0.038	U	0.038	0.038	r
64-17-5	Ethanol	71.9	S	0.036	0.036	r
67-64-1	Acetone	17.3	S	0.036	0.036	r
75-69-4	Trichlorofluoromethane	0.201		0.037	0.037	r
67-63-0	Isopropylalcohol	6.96	S	0.044	0.044	r
107-13-1	Acrylonitrile	0.231	U	0.231	0.231	r
75-09-2	Methylene Chloride	0.229	S	0.031	0.031	r
75-15-0	Carbon Disulfide	0.028	U	0.028	0.028	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.025	U	0.025	0.025	r
78-93-3	Methyl Ethyl Ketone	1.43		0.048	0.048	r
156-59-2	Cis-1,2-Dichloroethene	0.025	U	0.025	0.025	r
110-54-3	Hexane	0.158	S	0.023	0.023	r
67-66-3	Chloroform	0.130		0.023	0.023	r
141-78-6	Ethyl acetate	1.23		0.139	0.139	r
109-99-9	Tetrahydrofuran	0.304		0.027	0.027	r
71-43-2	Benzene	0.174		0.027	0.027	r
110-82-7	Cyclohexane	0.041	U	0.041	0.041	r
540-84-1	2,2,4-trimethylpentane	0.186		0.100	0.100	r
142-82-5	Heptane	0.313		0.031	0.031	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.027	U	0.027	0.027	r
10061-02-6	trans-1,3-Dichloropropene	0.024	U	0.024	0.024	r
108-88-3	Toluene	0.539		0.022	0.022	r
591-78-6	2-Hexanone(MBK)	0.021	U	0.021	0.021	r
630-20-6	1,1,1,2-Tetrachloroethane	0.073	U	0.073	0.073	r
108-90-7	Chlorobenzene	0.031	U	0.031	0.031	r
100-41-4	Ethylbenzene	0.214		0.033	0.033	r
179601-23-1	m,p-Xylene	0.810		0.055	0.055	r
100-42-5	Styrene	0.304		0.026	0.026	r
95-47-6	o-Xylene	0.322		0.030	0.030	r
98-82-8	Isopropylbenzene	0.028	U	0.028	0.028	r
622-96-8	4-Ethyltoluene	0.637		0.028	0.028	r
108-67-8	1,3,5-Trimethylbenzene	0.442		0.023	0.023	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

CV51571 DUP

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV51571 DUP 0.5X

Canister: 23324 Lab File ID: 0318_10.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	1.13		0.020	0.020	r
99-87-6	4-Isopropyltoluene	0.116		0.091	0.091	r
91-20-3	Naphthalene	2.50	U	2.50	2.50	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.029	U	0.029	0.029	r
75-01-4	Vinyl Chloride(sim)	0.032	U	0.032	0.032	r
74-83-9	Bromomethane(sim)	0.026	U	0.026	0.026	r
107-06-2	1,2-Dichloroethane(sim)	0.023	U	0.023	0.023	r
71-55-6	1,1,1-Trichloroethane(sim)	0.026	U	0.026	0.026	r
56-23-5	Carbon Tetrachloride(sim)	0.080		0.022	0.022	r
75-35-4	1,1-Dichloroethene(sim)	0.037	U	0.037	0.037	r
76-13-1	Trichlorotrifluoroethane(sim)	0.058		0.035	0.035	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.021	U	0.021	0.021	r
75-34-3	1,1-Dichloroethane(sim)	0.025	U	0.025	0.025	r
78-87-5	1,2-dichloropropane(sim)	0.025	U	0.025	0.025	r
75-27-4	Bromodichloromethane(sim)	0.027	U	0.027	0.027	r
79-01-6	Trichloroethene(sim)	0.026	U	0.026	0.026	r
123-91-1	1,4-Dioxane(sim)	0.034	U	0.034	0.034	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.024	U	0.024	0.024	r
79-00-5	1,1,2-Trichloroethane(sim)	0.033	U	0.033	0.033	r
124-48-1	Dibromochloromethane(sim)	0.030	U	0.030	0.030	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.022	U	0.022	0.022	r
127-18-4	Tetrachloroethene(sim)	0.080		0.018	0.018	r
75-25-2	Bromoform(sim)	0.023	U	0.023	0.023	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.033	U	0.033	0.033	r
100-44-7	Benzyl chloride(sim)	0.031	U	0.031	0.031	r
541-73-1	1,3-Dichlorobenzene(sim)	0.028	U	0.028	0.028	r
106-46-7	1,4-Dichlorobenzene(sim)	0.031	U	0.031	0.031	r
135-98-8	sec-Butylbenzene(sim)	0.091	U	0.091	0.091	r
95-50-1	1,2-Dichlorobenzene(sim)	0.027	U	0.027	0.027	r
104-51-8	n-Butylbenzene(sim)	0.091	U	0.091	0.091	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.020	U	0.020	0.020	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM20\03MAR\18\
Data File : 0318_10.D
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Operator :
Client ID : CV51571 DUP
Lab ID : CV51571 DUP
ALS Vial : 5 Sample Multiplier: 1

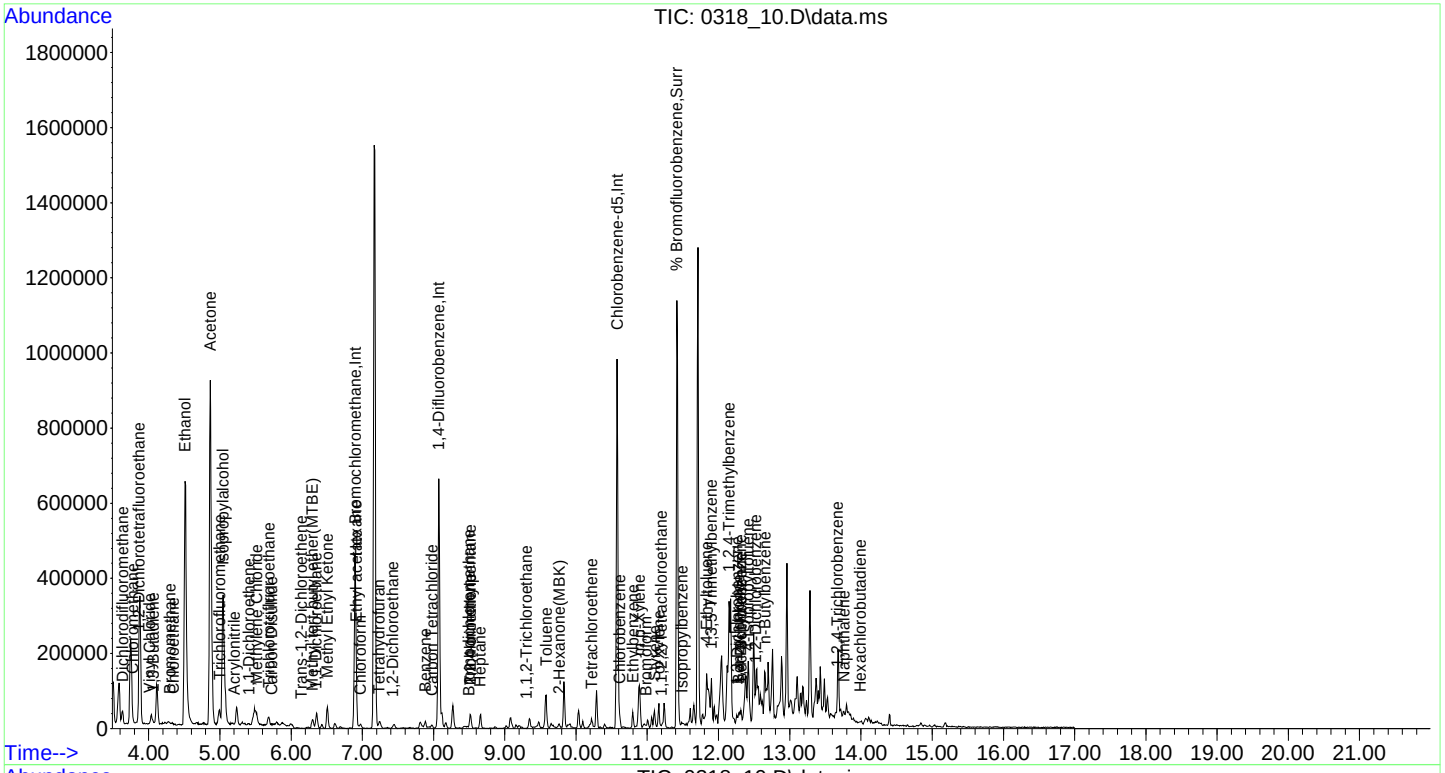
Quant Time: Mar 19 07:37:35 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration

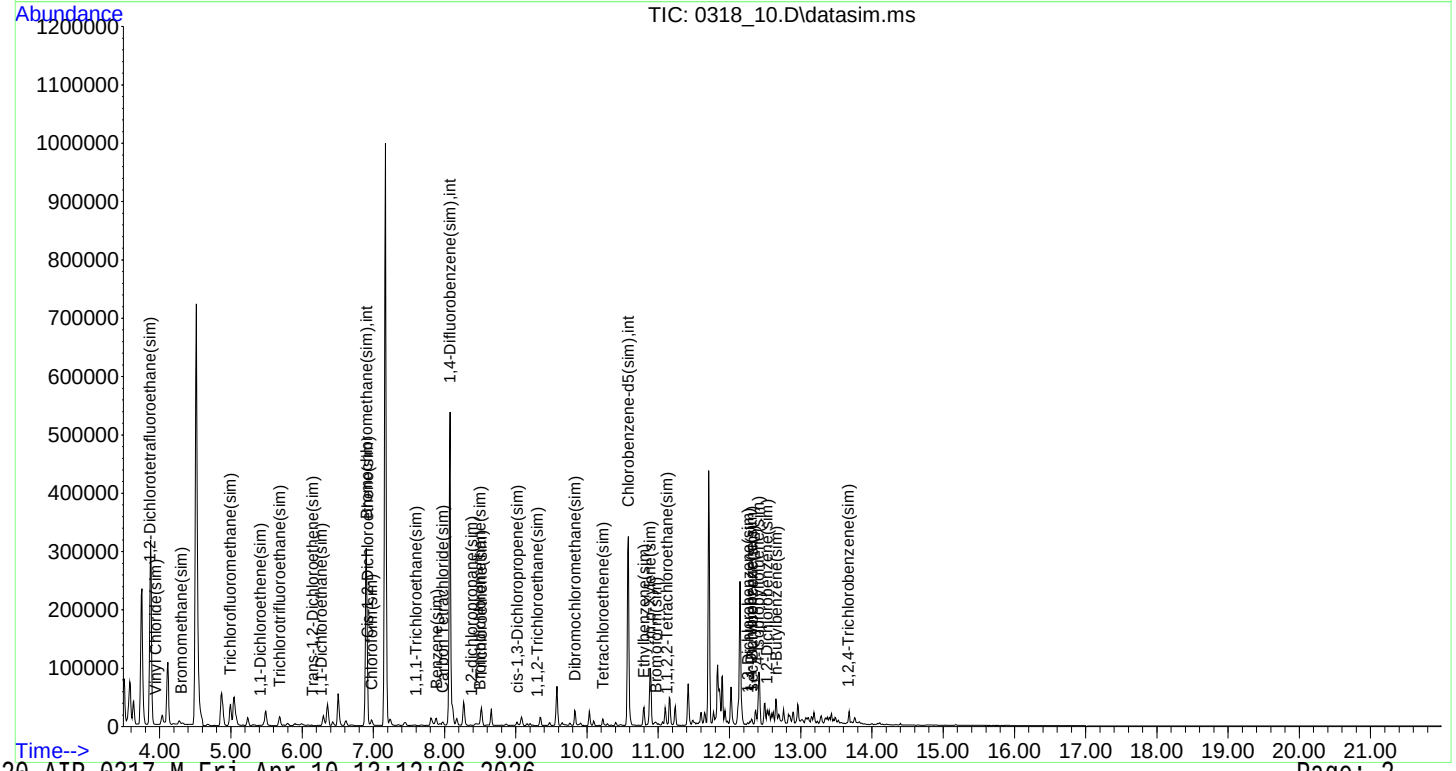
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	6.898	130	127640	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.073	114	449367	10.000	ng		0.00
53) Chlorobenzene-d5	10.576	82	196789	10.000	ng		0.00
81) Bromochloromethane(sim)	6.901	130	154214	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.073	114	449367	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.576	82	197209	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.416	95	254350	11.697	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.00%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.634	85	38284	0.838	ppbv		95
4) Chloromethane	3.772	50	17378	1.188	ppbv		97
11) Ethanol	4.510	45	818052	143.805	ppbv#		77
12) Acetone	4.865	43	1039619	34.582	ppbv#		84
13) Trichlorofluoromethane	4.994	101	31477	0.401	ppbv		95
14) Isopropylalcohol	5.043	45	452219	13.912	ppbv#		100
17) Methylene Chloride	5.516	49	11244	0.457	ppbv#		52
21) Trichlorotrifluoroethane	5.689	101	8089	0.130	ppbv#		82
25) Methyl Ethyl Ketone	6.509	43	60727	2.863	ppbv#		91
27) Hexane	6.906	57	4402	0.316	ppbv#		83
28) Chloroform	6.971	83	6767	0.260	ppbv		94
29) Ethyl acetate	6.915	61	8279	2.457	ppbv#		94
30) Tetrahydrofuran	7.231	42	6642	0.608	ppbv#		92
33) Benzene	7.882	78	11785	0.347	ppbv#		91
34) Carbon Tetrachloride	7.977	117	2635	0.114	ppbv#		63
39) Trichloroethene	8.514	130	971	0.044	ppbv		95
43) Heptane	8.652	43	11425	0.626	ppbv#		83
48) Toluene	9.581	91	47815	1.078	ppbv#		96
52) Tetrachloroethene	10.218	166	3588	0.150	ppbv#		76
56) Ethylbenzene	10.797	91	21340	0.427	ppbv		96
57) m,p-Xylene	10.890	91	61954	1.620	ppbv		96
59) Styrene	11.102	104	18167	0.607	ppbv#		92
61) o-Xylene	11.161	91	26283	0.644	ppbv		92
66) 4-Ethyltoluene	11.832	105	76227	1.273	ppbv		98
67) 1,3,5-Trimethylbenzene	11.899	105	40840	0.883	ppbv#		92
68) 1,2,4-Trimethylbenzene	12.146	105	125536	2.266	ppbv		87
75) 4-Isopropyltoluene	12.409	119	17693	0.231	ppbv#		79
85] Trichlorofluoromethane...	4.990	101	36827	0.415	ppbv#		96
88] Benzene(sim)	7.882	78	11785	0.296	ppbv#		90
89] Carbon Tetrachloride(sim)	7.972	117	4065	0.159	ppbv		99
91] Trichlorotrifluoroetha...	5.686	101	9392	0.116	ppbv#		93
94] Cis-1,2-Dichloroethene...	6.915	61	8278	0.483	ppbv#		20
95] Chloroform(sim)	6.974	83	7843	0.231	ppbv		95
99] Trichloroethene(sim)	8.517	130	1183	0.049	ppbv		96
105] Tetrachloroethene(sim)	10.221	166	4811	0.159	ppbv		93
108] Ethylbenzene(sim)	10.797	91	21340	0.371	ppbv		100
109] m,p-Xylene(sim)	10.884	91	73000	1.464	ppbv		96
117] 4-Isopropyltoluene(sim)	12.403	119	21162	0.260	ppbv#		83

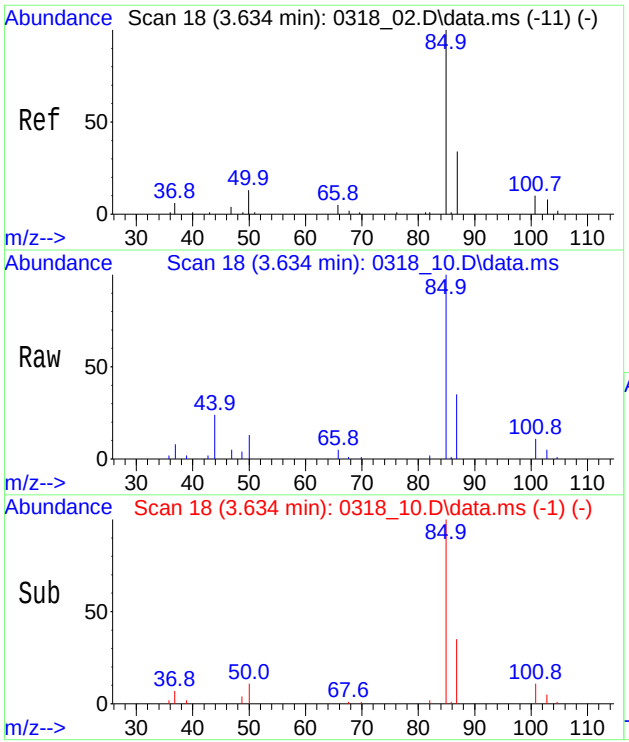
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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Data File : 0318_10.D
Acq On : 18 Mar 2026 9:37 pm
Operator :
Client ID : CV51571 DUP
Lab ID : CV51571 DUP
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 07:37:35 2026
Quant Method : H:\AIR2026\CHEM20\Methods\x20_AIR_0317.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 18 16:13:50 2026
Response via : Initial Calibration



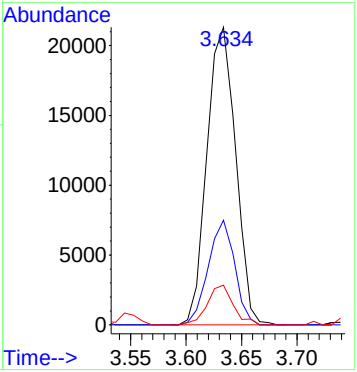


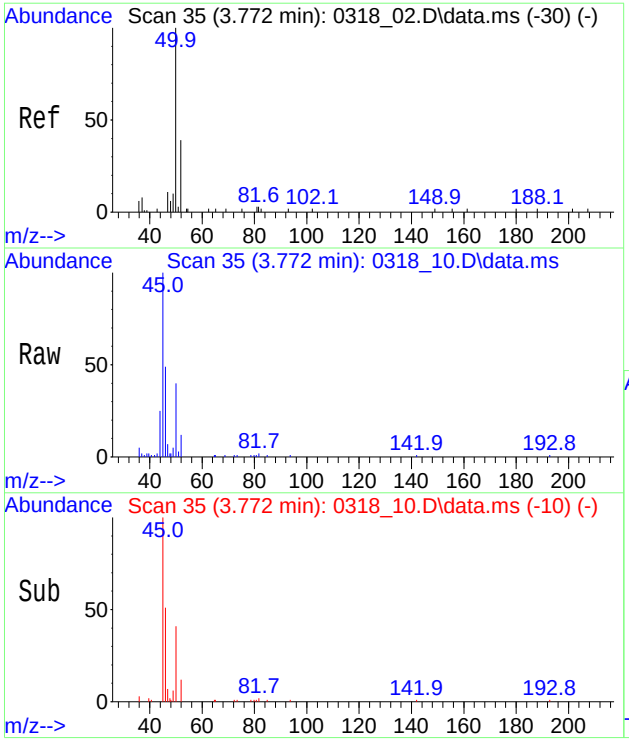


#3
Dichlorodifluoromethane
Conc: 8$ 0.838 ppbv
RT: 3.634 min Scan# 18
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 85 Resp: 38284

Ion	Ratio	Lower	Upper
85	100		
87	32.3	28.2	42.2
50	12.1	11.9	17.9

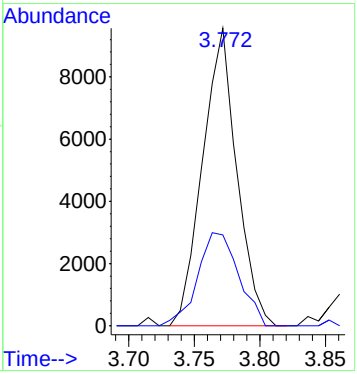


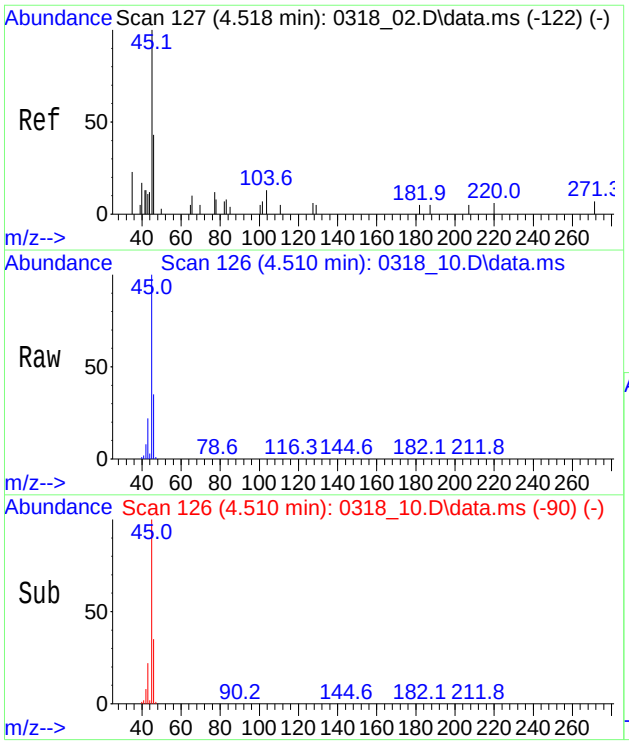


#4
Chloromethane
Conc: 8$ 1.188 ppbv
RT: 3.772 min Scan# 35
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 50 Resp: 17378

Ion	Ratio	Lower	Upper
50	100		
52	37.3	15.4	55.4

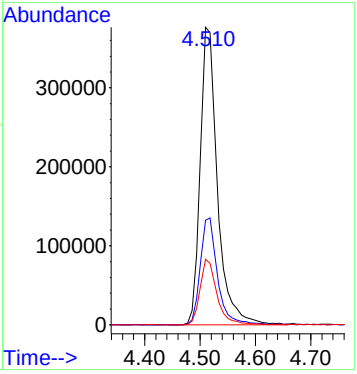


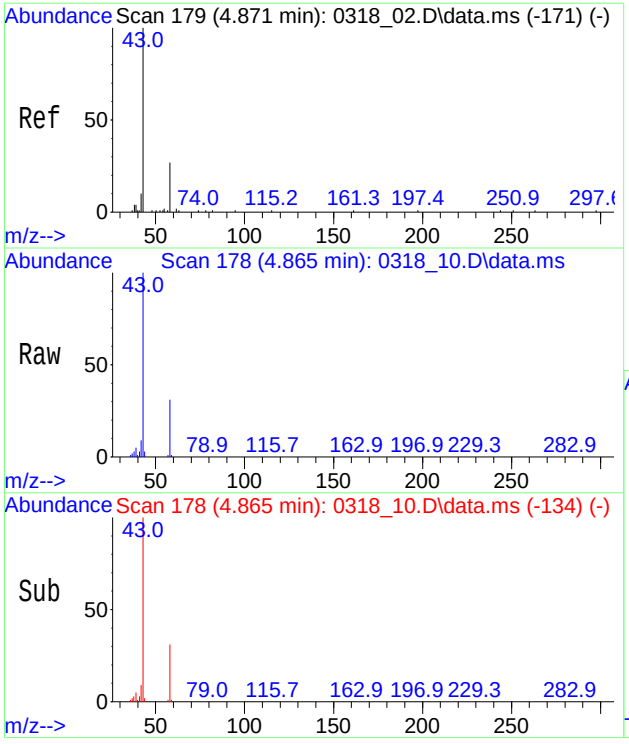


#11
Ethanol
Conc: 8$ 143.805 ppbv
RT: 4.510 min Scan# 126
Delta R.T. -0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 45 Resp: 818052

Ion	Ratio	Lower	Upper
45	100		
46	37.5	26.6	40.0
43	22.9	36.4	54.6#

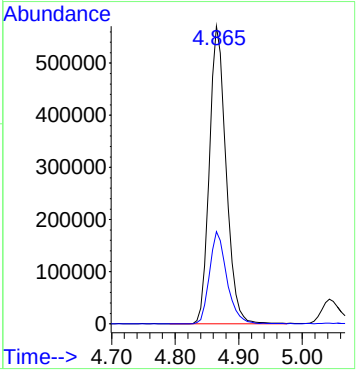


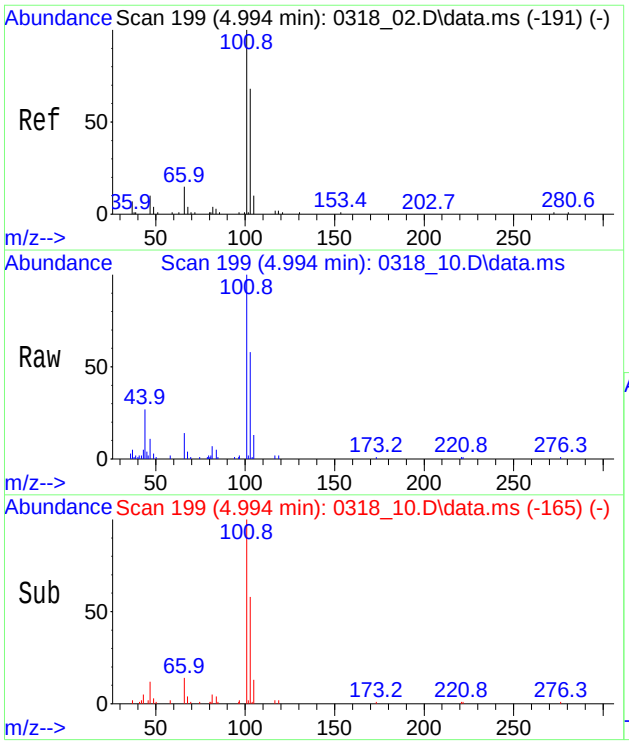


#12
Acetone
Conc: 8$ 34.582 ppbv
RT: 4.865 min Scan# 178
Delta R.T. -0.006 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 43 Resp: 1039619

Ion	Ratio	Lower	Upper
43	100		
58	32.1	19.5	29.3#

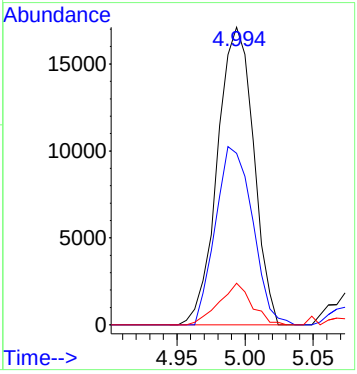


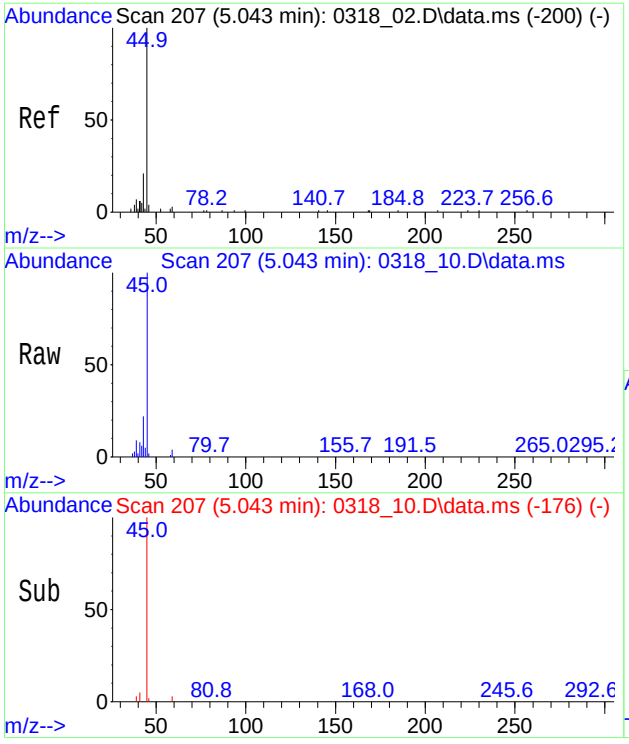


#13
Trichlorofluoromethane
Conc: 8$ 0.401 ppbv
RT: 4.994 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:101 Resp: 31477

Ion	Ratio	Lower	Upper
101	100		
103	61.4	52.6	79.0
66	12.7	10.7	16.1

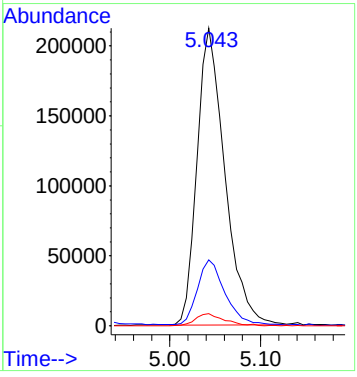


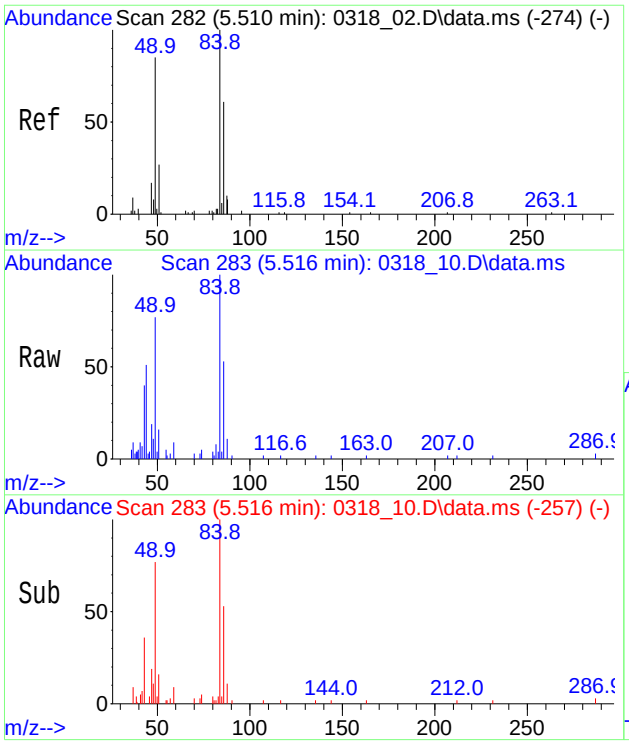


#14
Isopropylalcohol
Conc: 8$ 13.912 ppbv
RT: 5.043 min Scan# 207
Delta R.T. -0.012 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 45 Resp: 452219

Ion	Ratio	Lower	Upper
45	100		
43	21.8	17.4	26.2
59	4.3	2.7	4.1#

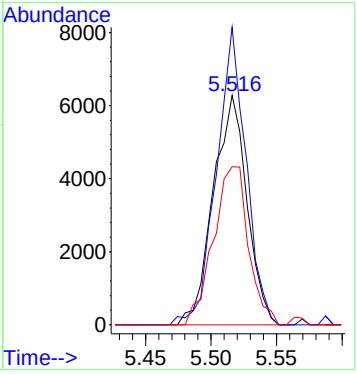


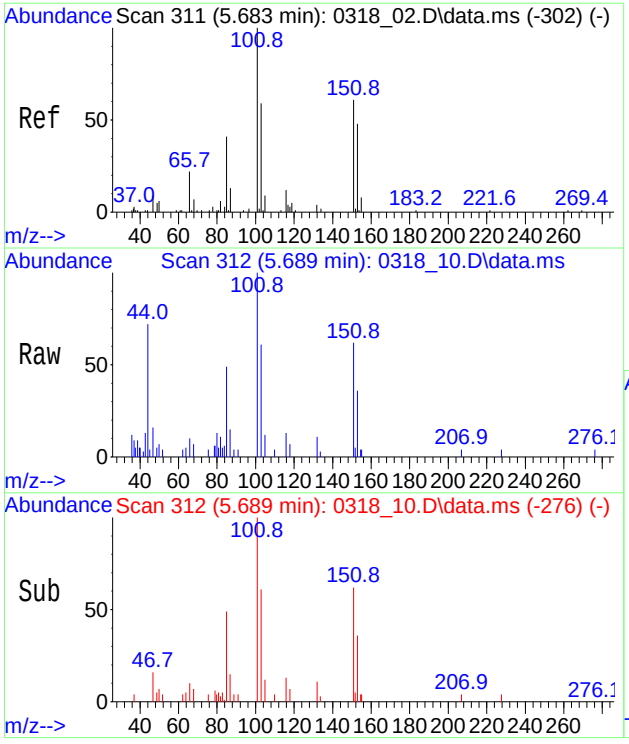


#17
Methylene Chloride
Conc: 8$ 0.457 ppbv
RT: 5.516 min Scan# 283
Delta R.T. 0.006 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 49 Resp: 11244

Ion	Ratio	Lower	Upper
49	100		
84	113.7	54.7	82.1#
86	72.0	37.5	56.3#

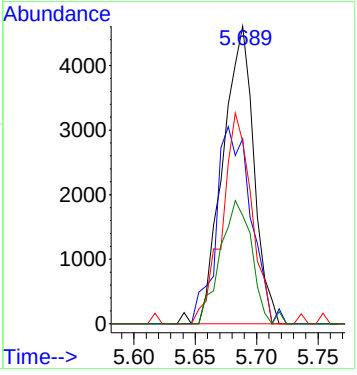


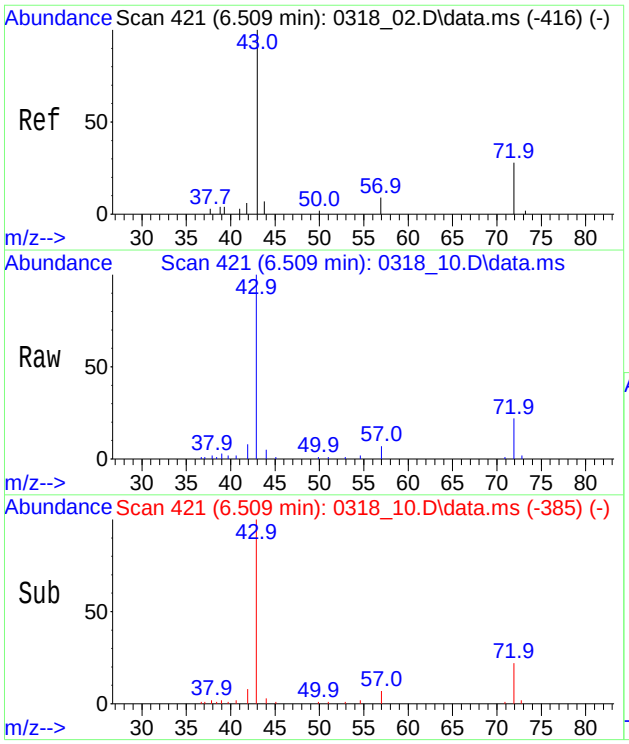


#21
Trichlorotrifluoroethane
Conc: 8$ Below Cal
RT: 5.689 min Scan# 312
Delta R.T. 0.012 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:101 Resp: 8089

Ion	Ratio	Lower	Upper
101	100		
151	74.4	78.4	117.6#
103	67.1	55.4	83.0
153	41.5	49.2	73.8#

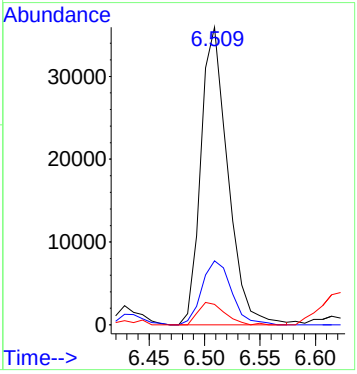


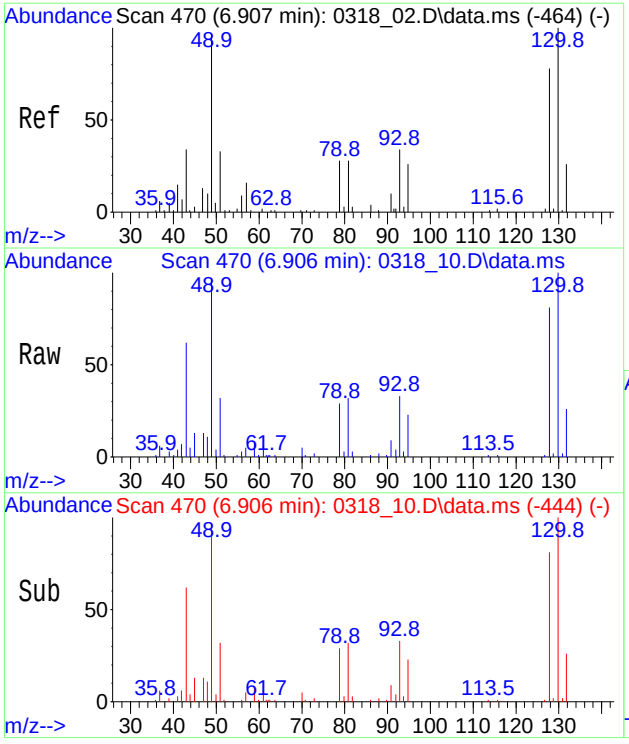


#25
Methyl Ethyl Ketone
Conc: 8$ 2.863 ppbv
RT: 6.509 min Scan# 421
Delta R.T. -0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 43 Resp: 60727

Ion	Ratio	Lower	Upper
43	100		
72	23.7	14.6	22.0#
57	7.5	5.7	8.5

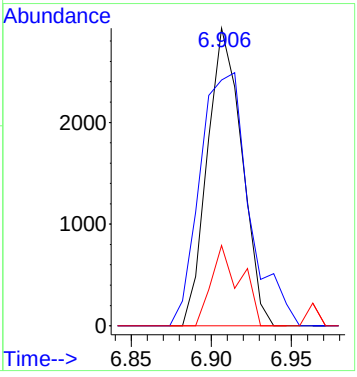


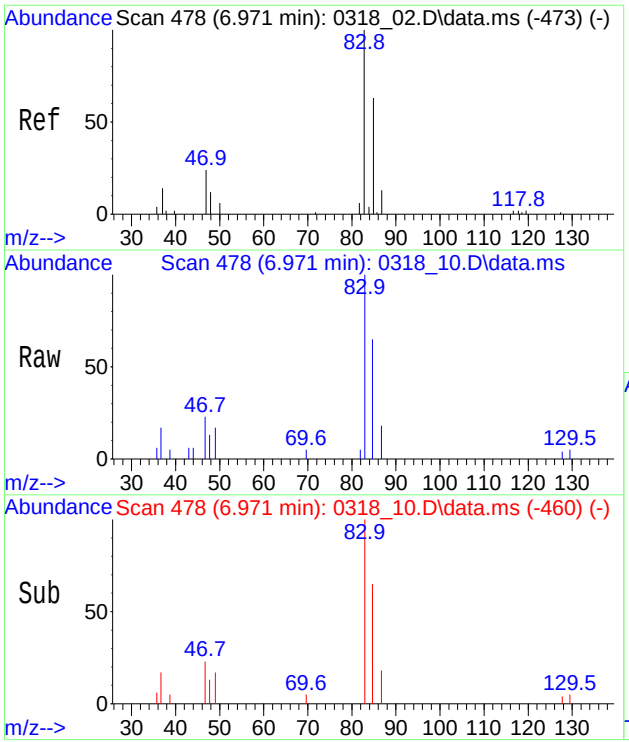


#27
Hexane
Conc: 8$ 0.316 ppbv
RT: 6.906 min Scan# 470
Delta R.T. 0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 57 Resp: 4402

Ion	Ratio	Lower	Upper
57	100		
41	120.6	83.3	124.9
86	23.0	10.7	16.1#

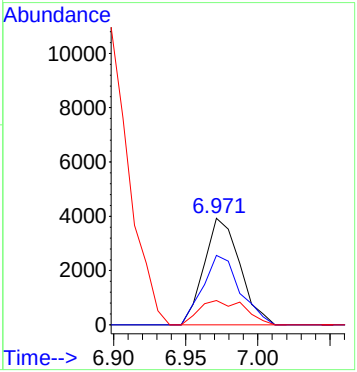


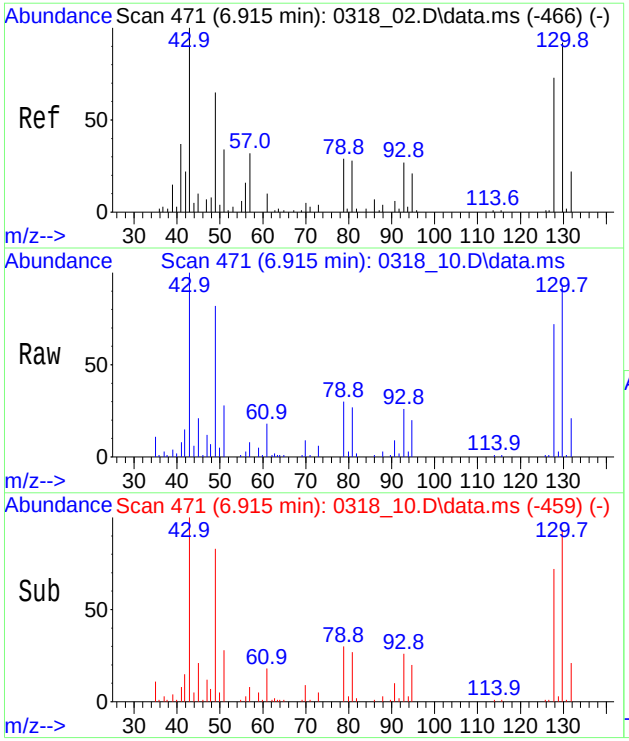


#28
Chloroform
Conc: 8$ 0.260 ppbv
RT: 6.971 min Scan# 478
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 83 Resp: 6767

Ion	Ratio	Lower	Upper
83	100		
85	67.6	43.7	83.7
47	29.3	13.4	53.4

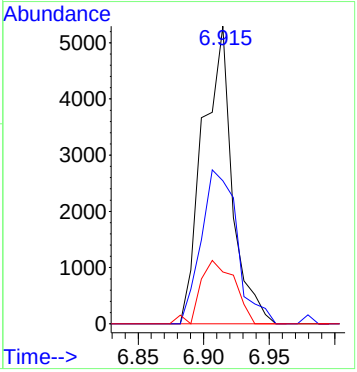


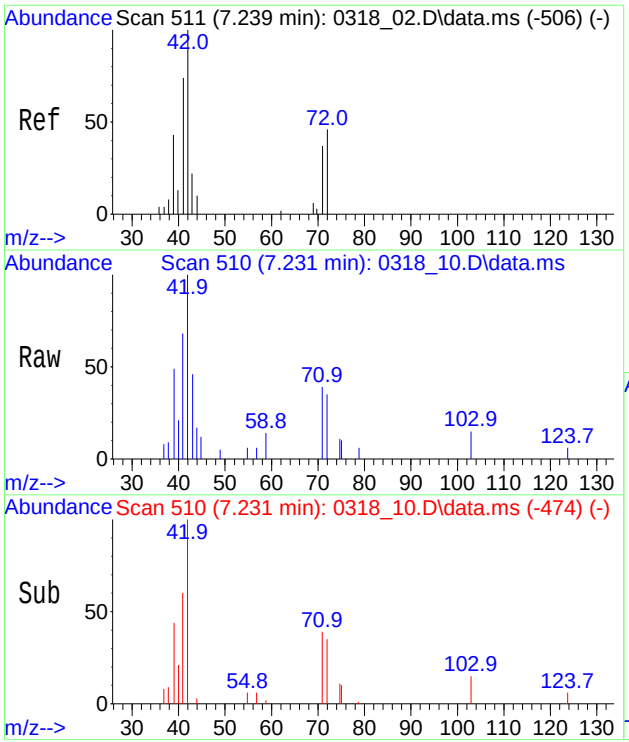


#29
Ethyl acetate
Conc: 8$ 2.457 ppbv
RT: 6.915 min Scan# 471
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 61 Resp: 8279

Ion	Ratio	Lower	Upper
61	100		
70	63.2	53.6	80.4
88	24.7	16.0	24.0#

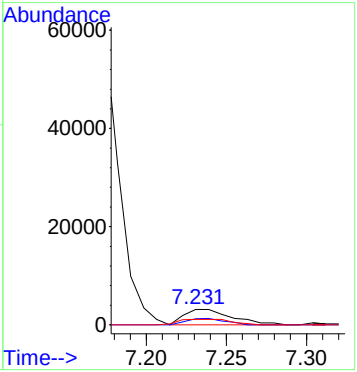


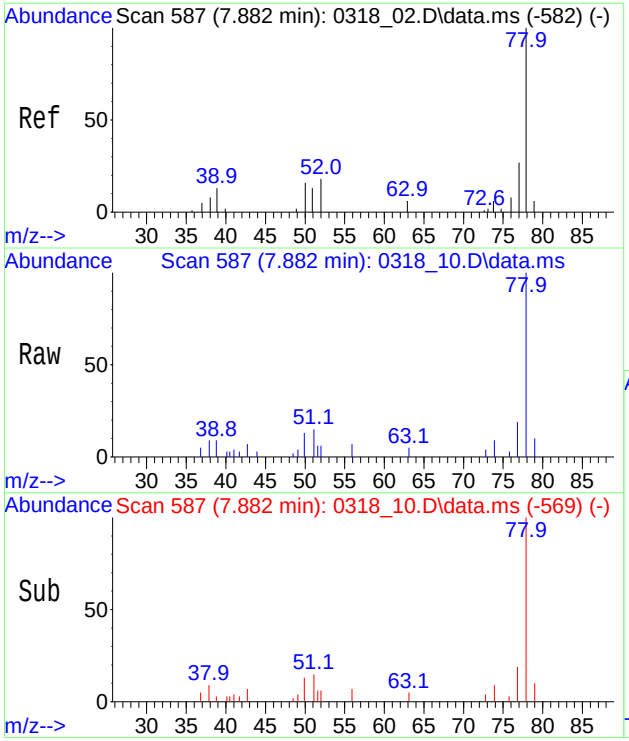


#30
Tetrahydrofuran
Conc: 8$ 0.608 ppbv
RT: 7.231 min Scan# 510
Delta R.T. -0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 42 Resp: 6642

Ion	Ratio	Lower	Upper
42	100		
71	32.3	25.0	37.4
72	39.3	25.0	37.6#

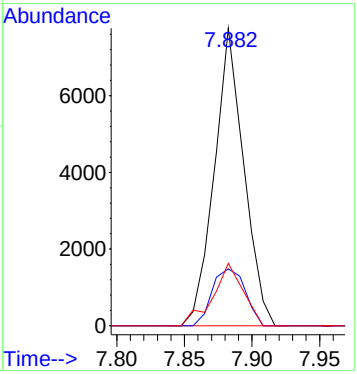


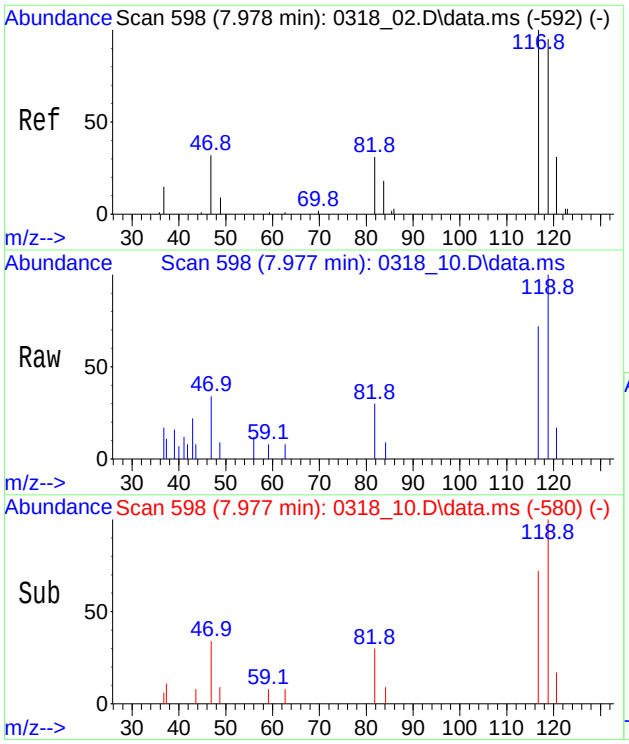


#33
Benzene
Conc: 8$ 0.347 ppbv
RT: 7.882 min Scan# 587
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 78 Resp: 11785

Ion	Ratio	Lower	Upper
78	100		
77	21.3	22.6	34.0#
51	21.5	18.7	28.1

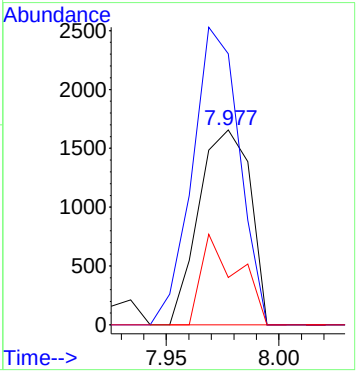


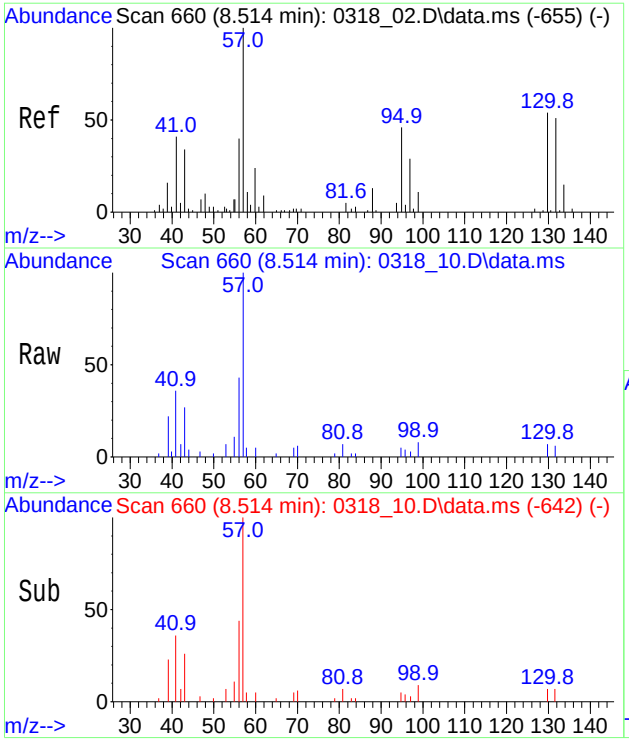


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 7.977 min Scan# 598
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:117 Resp: 2635

Ion	Ratio	Lower	Upper
117	100		
119	139.5	73.6	113.6#
121	33.3	10.9	50.9

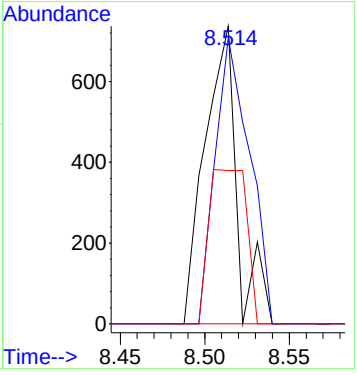


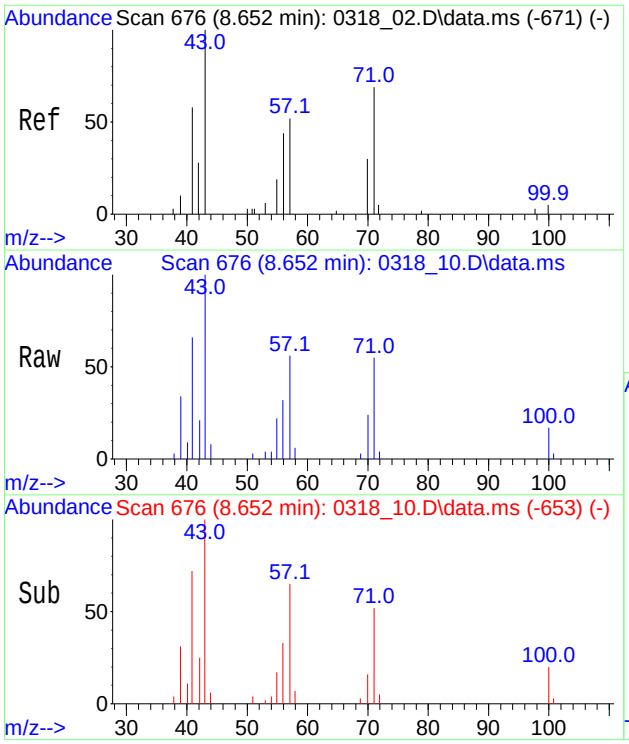


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.514 min Scan# 660
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:130 Resp: 971

Ion	Ratio	Lower	Upper
130	100		
132	103.2	78.5	117.7
97	61.1	51.7	77.5

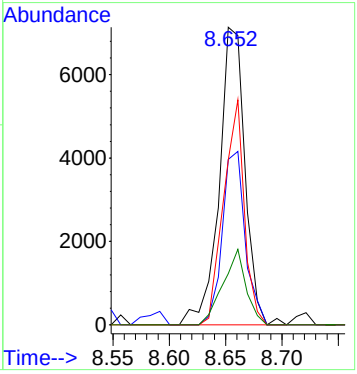


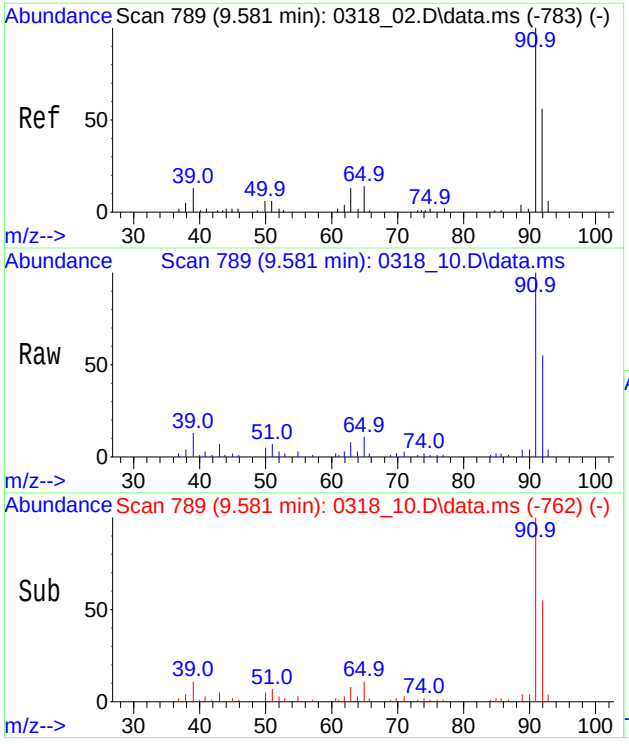


#43
Heptane
Conc: 8$ 0.626 ppbv
RT: 8.652 min Scan# 676
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 43 Resp: 11425

Ion	Ratio	Lower	Upper
43	100		
57	51.9	36.0	54.0
71	60.5	37.8	56.6#
100	22.8	7.7	11.5#

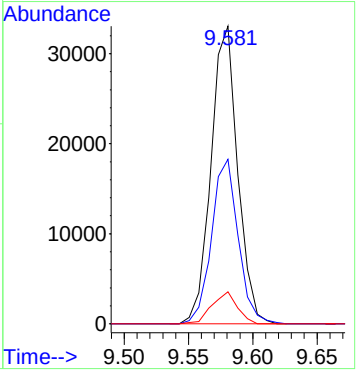


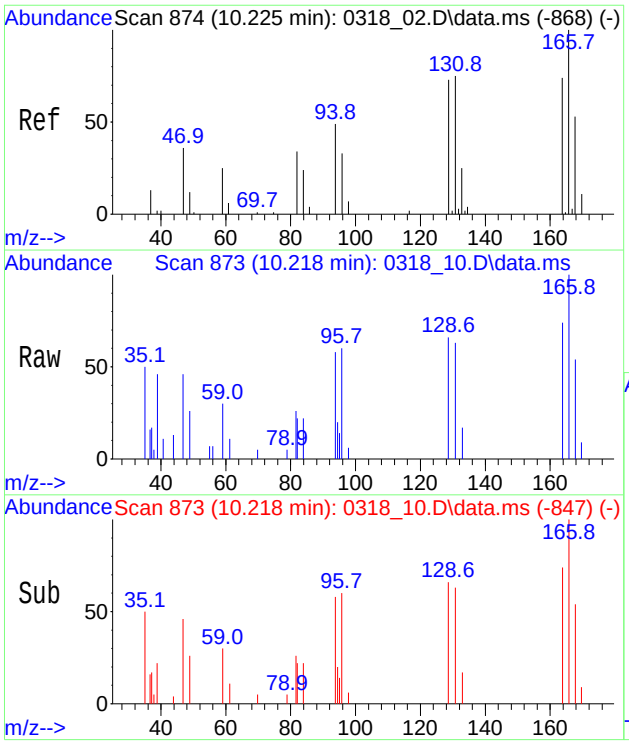


#48
Toluene
Conc: 8$ 1.078 ppbv
RT: 9.581 min Scan# 789
Delta R.T. 0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 47815

Ion	Ratio	Lower	Upper
91	100		
92	55.4	46.5	69.7
65	10.2	10.6	16.0#

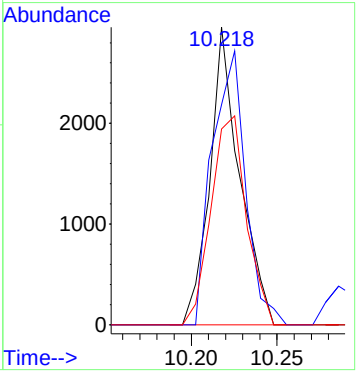


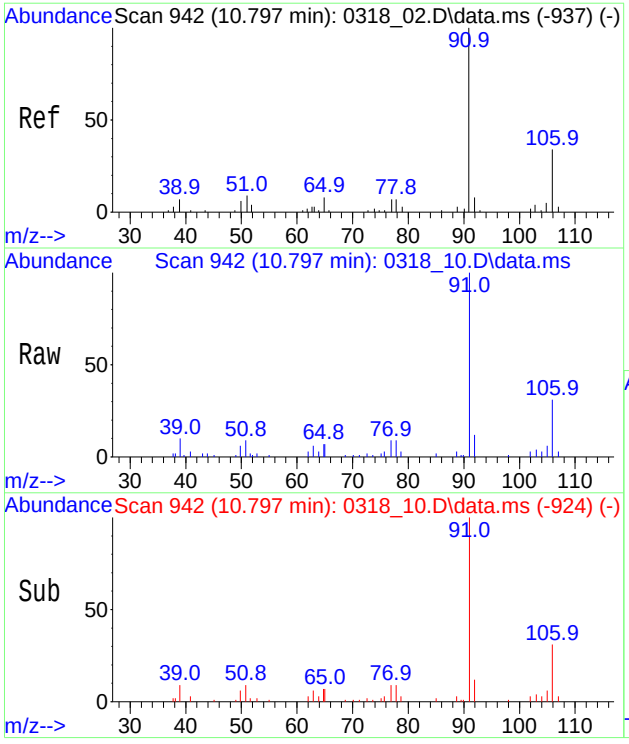


#52
Tetrachloroethene
Conc: 8$ Below Cal
RT: 10.218 min Scan# 873
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:166 Resp: 3588

Ion	Ratio	Lower	Upper
166	100		
164	102.8	61.4	92.0#
129	83.2	55.3	82.9#

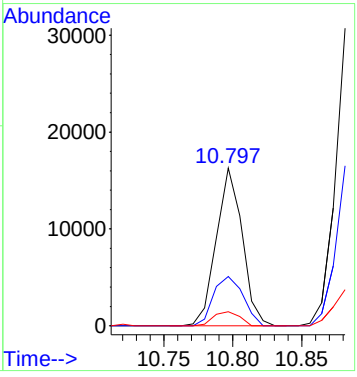


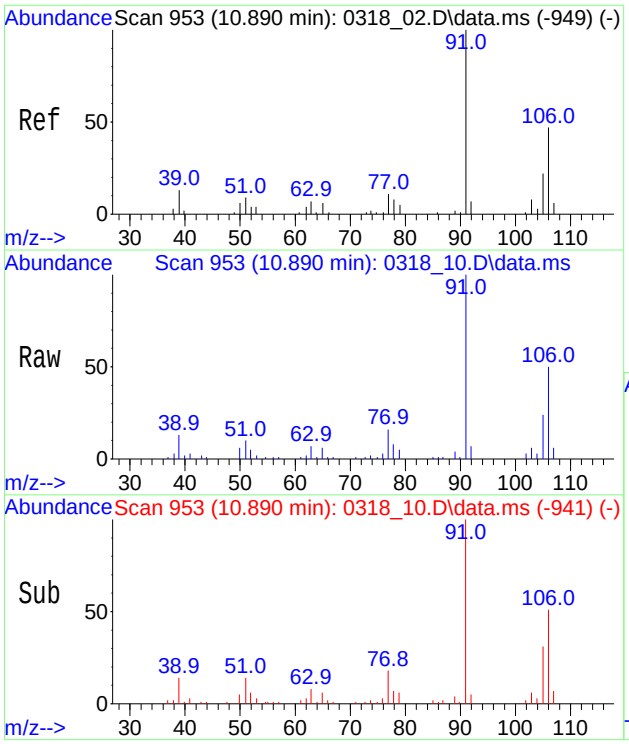


#56
Ethylbenzene
Conc: 8$ 0.427 ppbv
RT: 10.797 min Scan# 942
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 21340

Ion	Ratio	Lower	Upper
91	100		
106	35.7	13.6	53.6
77	9.0	0.0	30.2

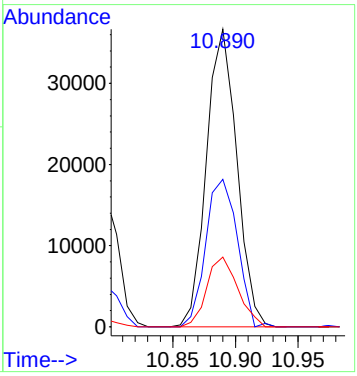


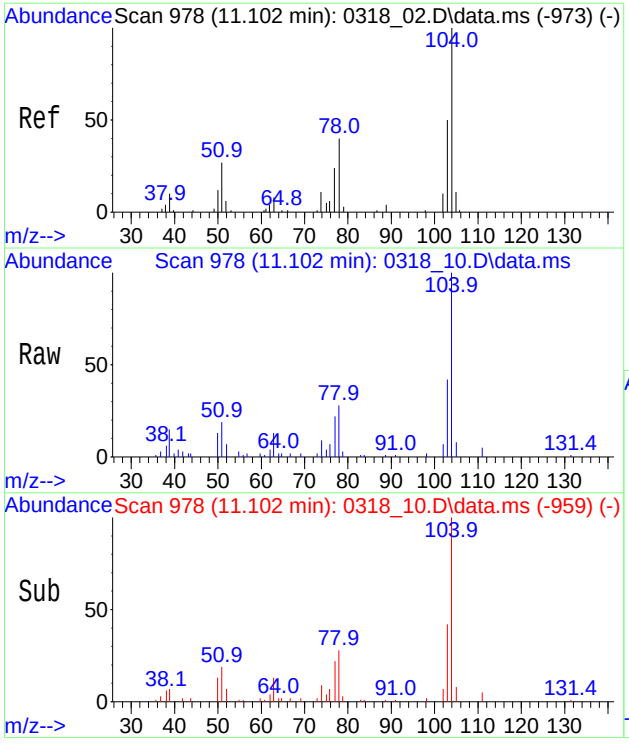


#57
m,p-Xylene
Conc: 8$ 1.620 ppbv
RT: 10.890 min Scan# 953
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 61954

Ion	Ratio	Lower	Upper
91	100		
106	51.4	38.0	57.0
105	24.0	19.0	28.6

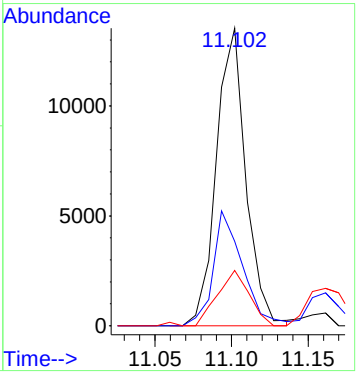


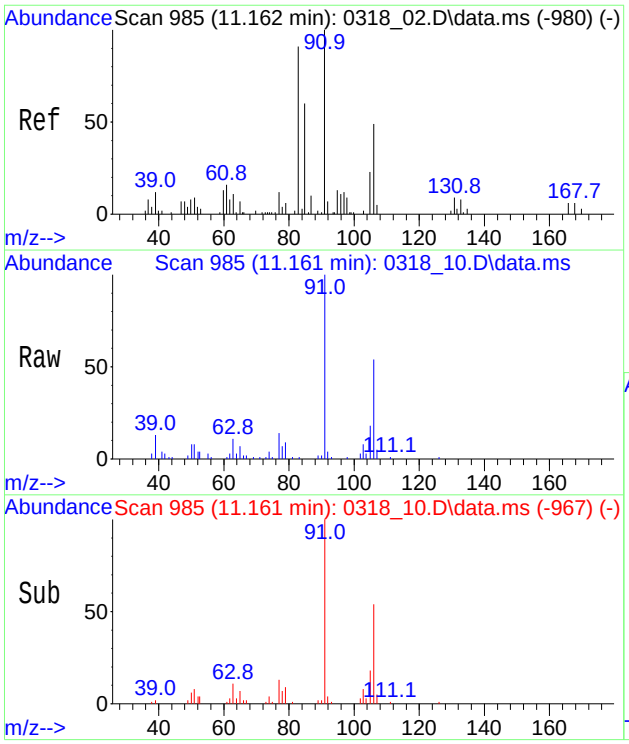


#59
Styrene
Conc: 8$ 0.607 ppbv
RT: 11.102 min Scan# 978
Delta R.T. 0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:104 Resp: 18167

Ion	Ratio	Lower	Upper
104	100		
78	38.5	33.4	50.2
51	20.5	22.1	33.1#

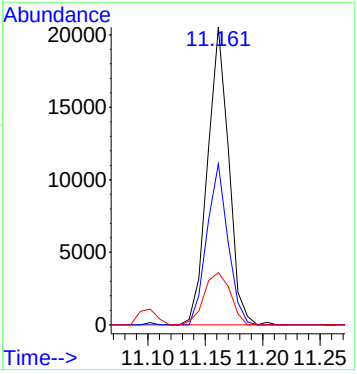


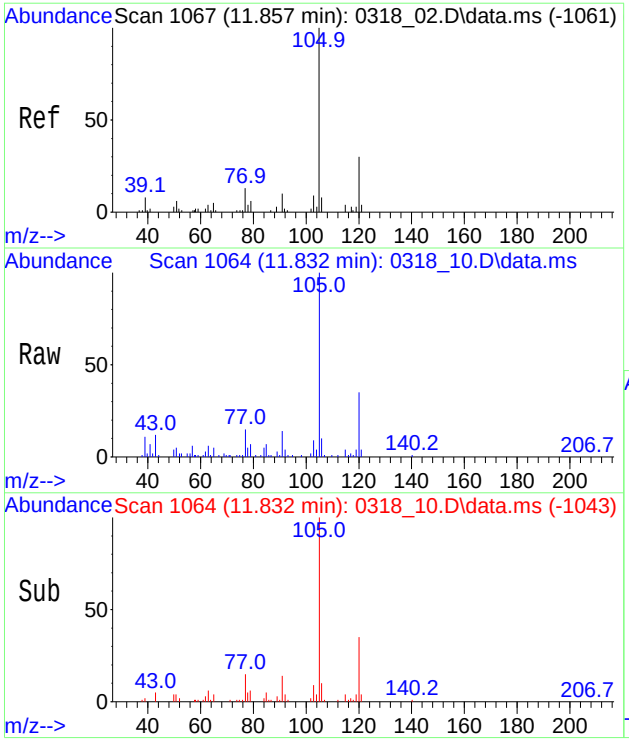


#61
o-Xylene
Conc: 8$ 0.644 ppbv
RT: 11.161 min Scan# 985
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 26283

Ion	Ratio	Lower	Upper
91	100		
106	53.8	37.5	56.3
105	21.9	16.1	24.1

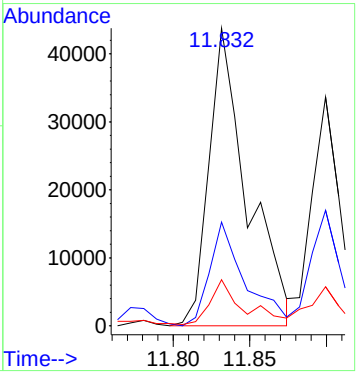


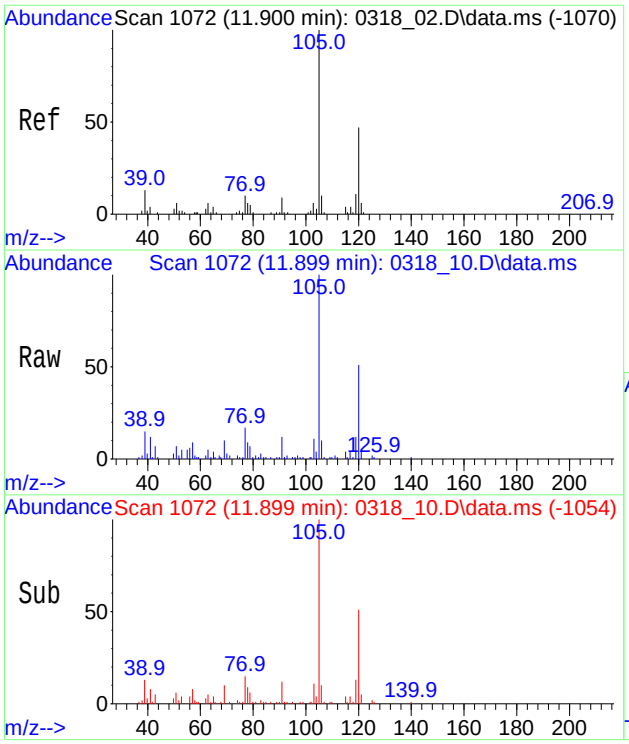


#66
4-Ethyltoluene
Conc: 8$ 1.273 ppbv
RT: 11.832 min Scan# 1064
Delta R.T. -0.025 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:105 Resp: 76227

Ion	Ratio	Lower	Upper
105	100		
120	32.4	25.2	37.8
77	13.0	10.9	16.3

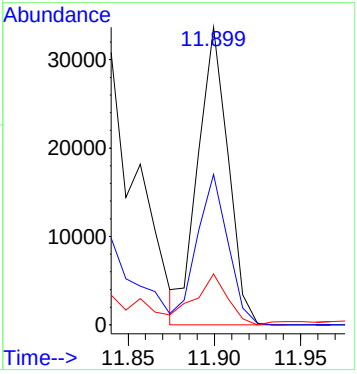


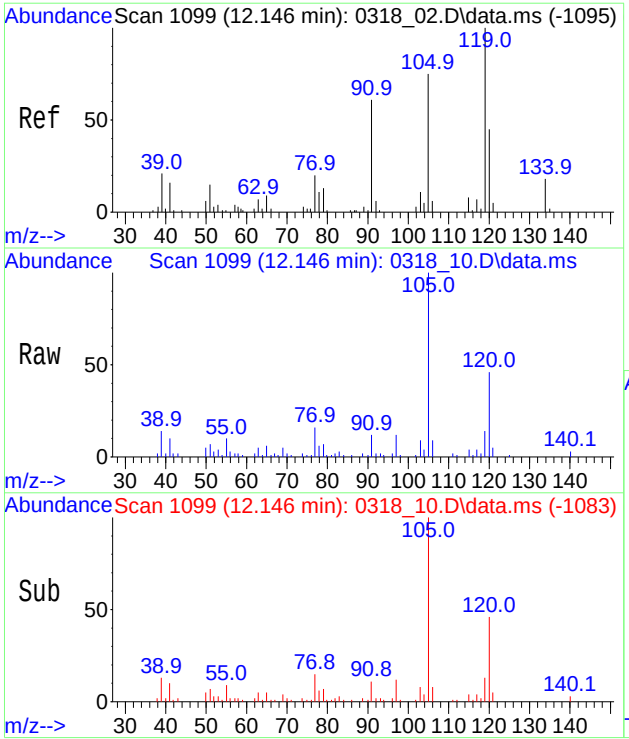


#67
1,3,5-Trimethylbenzene
Conc: 8$ 0.883 ppbv
RT: 11.899 min Scan# 1072
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:105 Resp: 40840

Ion	Ratio	Lower	Upper
105	100		
120	52.2	38.1	57.1
77	18.5	11.1	16.7#

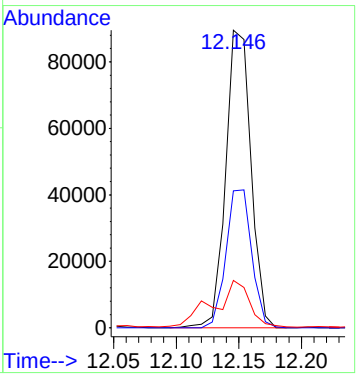


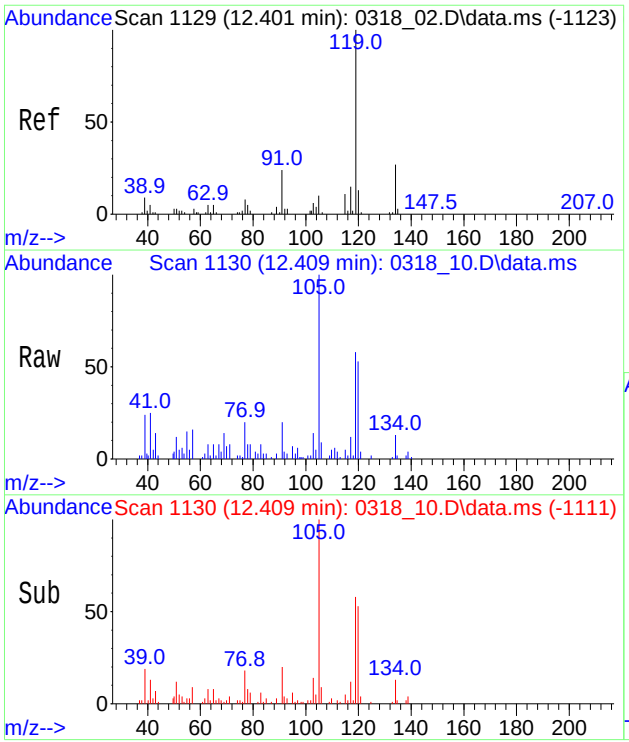


#68
1,2,4-Trimethylbenzene
Conc: 8$ 2.266 ppbv
RT: 12.146 min Scan# 1099
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:105 Resp: 125536

Ion	Ratio	Lower	Upper
105	100		
120	47.2	46.2	69.4
77	22.5	21.8	32.6

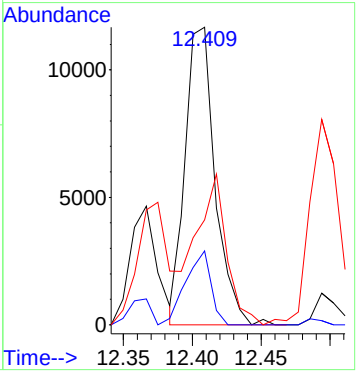


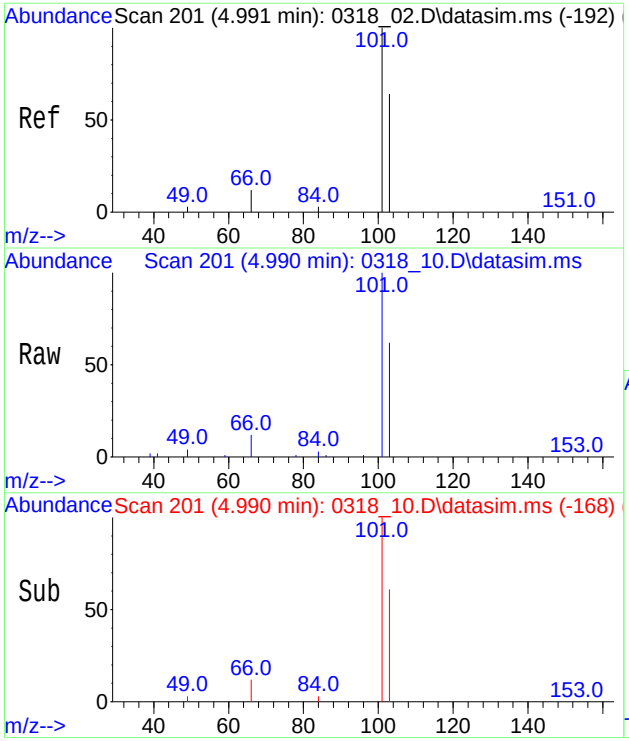


#75
4-Isopropyltoluene
Conc: 8$ 0.231 ppbv
RT: 12.409 min Scan# 1130
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:119 Resp: 17693

Ion	Ratio	Lower	Upper
119	100		
134	21.1	20.2	30.2
91	48.9	25.4	38.0#

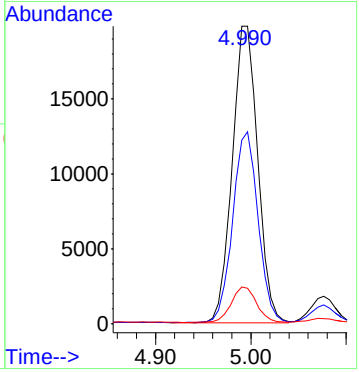


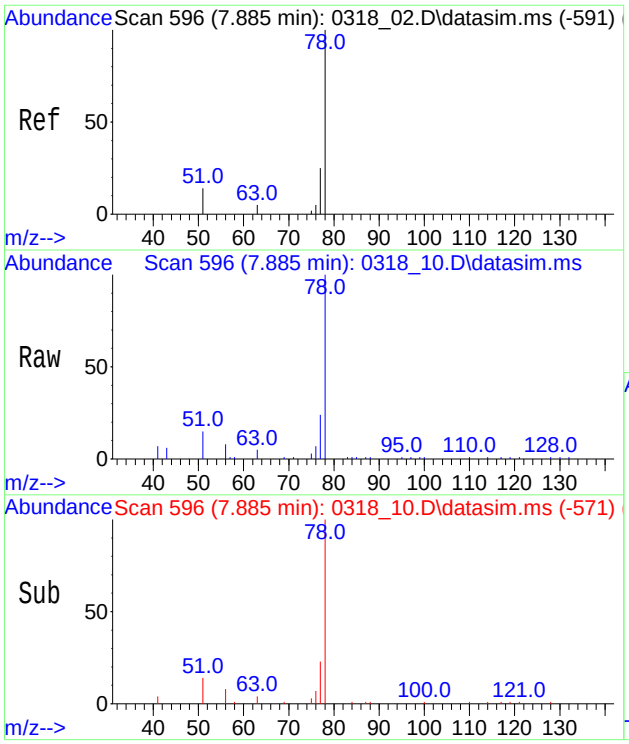


#85
Trichlorofluoromethane(sim)
Conc: 8$ 0.415 ppbv
RT: 4.990 min Scan# 201
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:101 Resp: 36827

Ion	Ratio	Lower	Upper
101	100		
103	63.8	53.9	80.9
66	12.1	12.2	12.2#

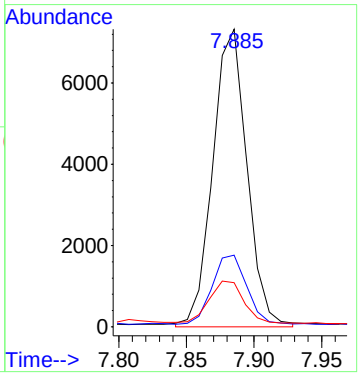


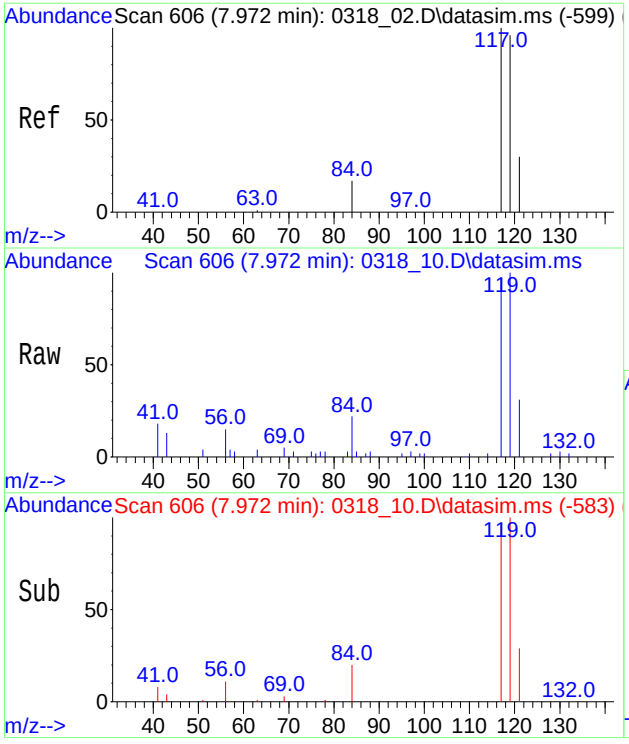


#88
Benzene(sim)
Conc: 8$ 0.296 ppbv
RT: 7.882 min Scan# 596
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 78 Resp: 11785

Ion	Ratio	Lower	Upper
78	100		
77	21.3	22.8	34.2#
51	21.5	19.6	29.4

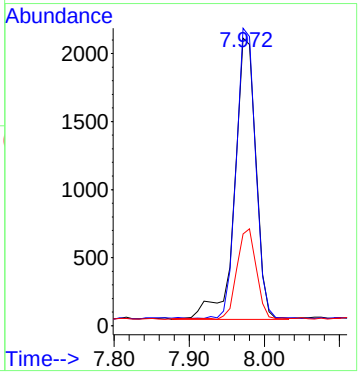


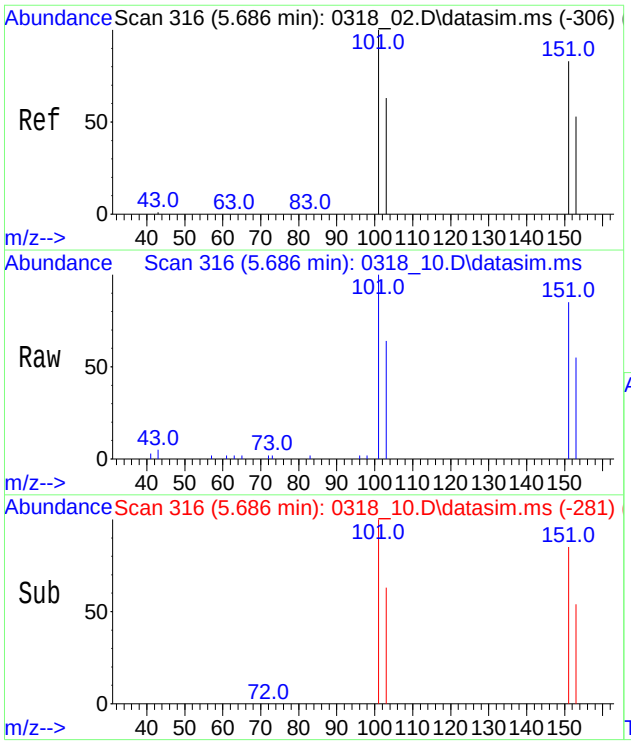


#89
Carbon Tetrachloride(sim)
Conc: 8$ 0.159 ppbv
RT: 7.972 min Scan# 606
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:117 Resp: 4065

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.4
121	29.7	25.1	37.7

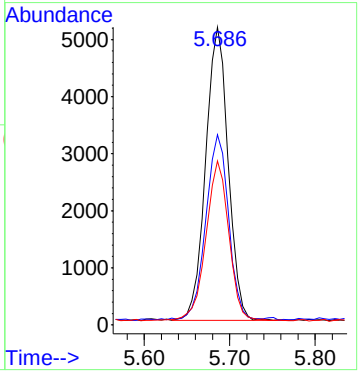


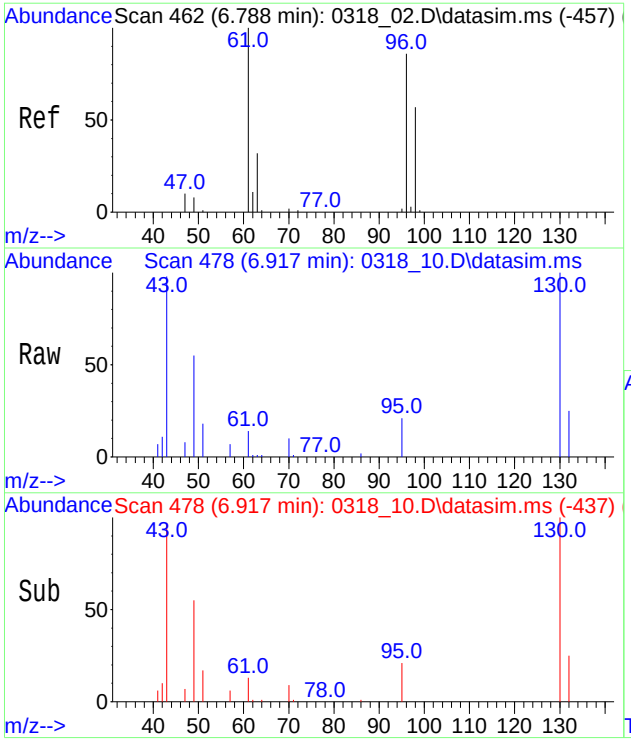


#91
Trichlorotrifluoroethane(sim)
Conc: 8$ 0.116 ppbv
RT: 5.686 min Scan# 316
Delta R.T. 0.006 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:101 Resp: 9392

Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.4	80.2
153	55.7	64.5	64.5#

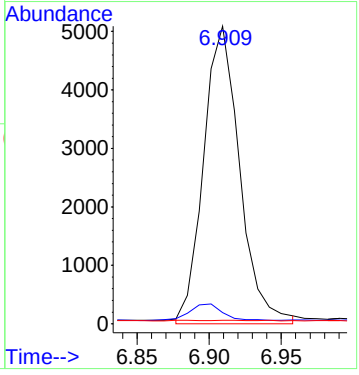


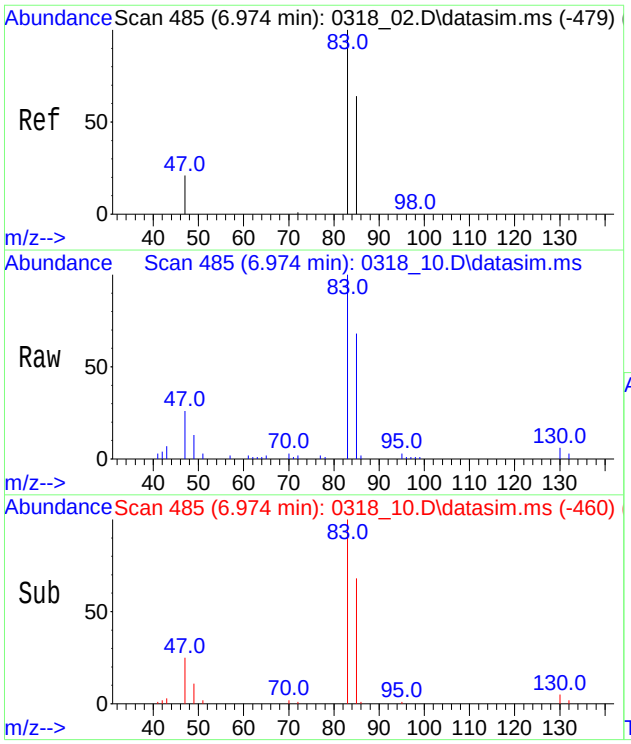


#94
Cis-1,2-Dichloroethene(sim)
Conc: 8$ 0.483 ppbv
RT: 6.915 min Scan# 478
Delta R.T. 0.130 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 61 Resp: 8278

Ion	Ratio	Lower	Upper
61	100		
96	2.1	61.5	92.3#
98	0.0	35.9	53.9#

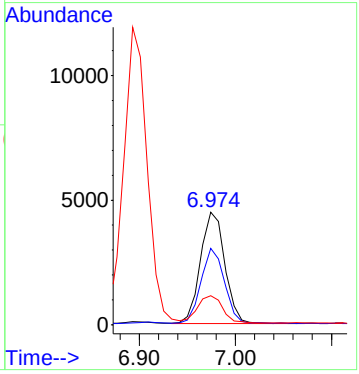


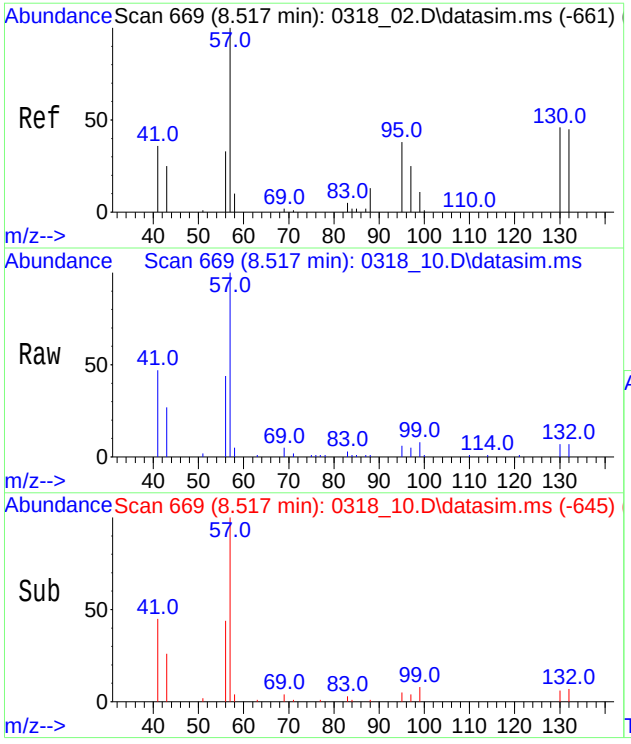


#95
Chloroform(sim)
Conc: 8$ 0.231 ppbv
RT: 6.974 min Scan# 485
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 83 Resp: 7843

Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.3	75.5
47	25.6	24.1	36.1

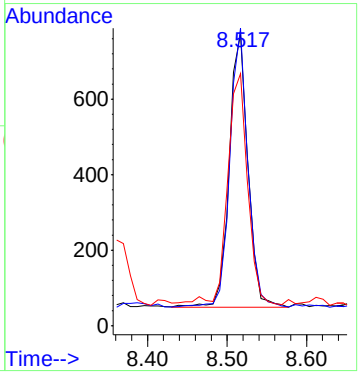


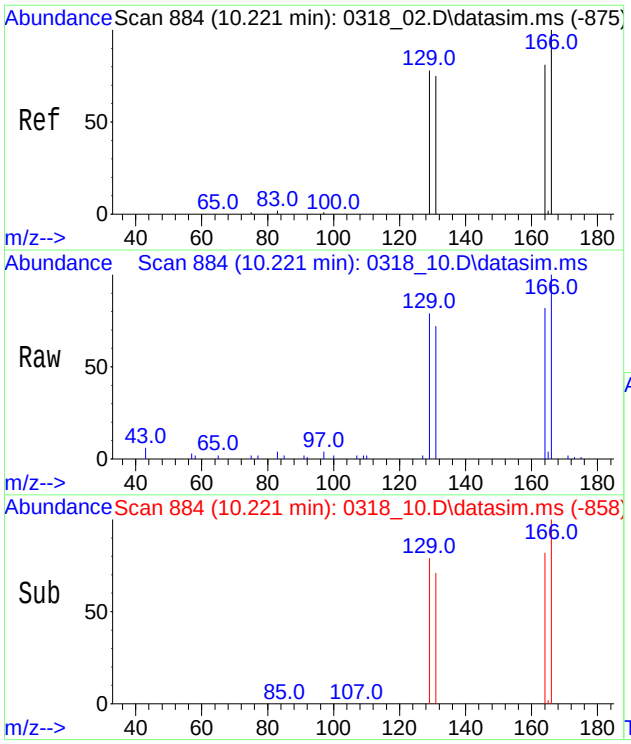


#99
Trichloroethene(sim)
Conc: 8$ 0.049 ppbv
RT: 8.517 min Scan# 669
Delta R.T. 0.009 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:130 Resp: 1183

Ion	Ratio	Lower	Upper
130	100		
132	97.6	80.7	121.1
95	90.9	76.2	114.2

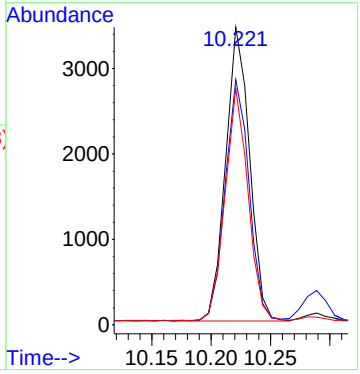


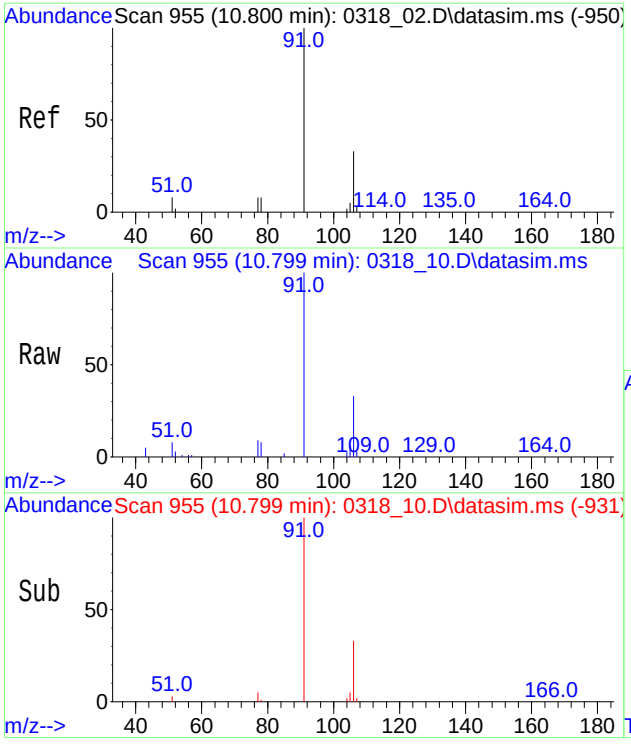


#105
Tetrachloroethene(sim)
Conc: 8$ 0.159 ppbv
RT: 10.221 min Scan# 884
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:166 Resp: 4811

Ion	Ratio	Lower	Upper
166	100		
164	82.0	58.0	98.0
129	75.6	48.3	88.3

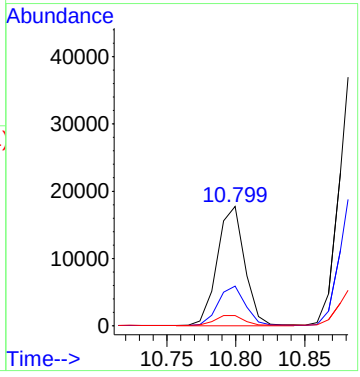


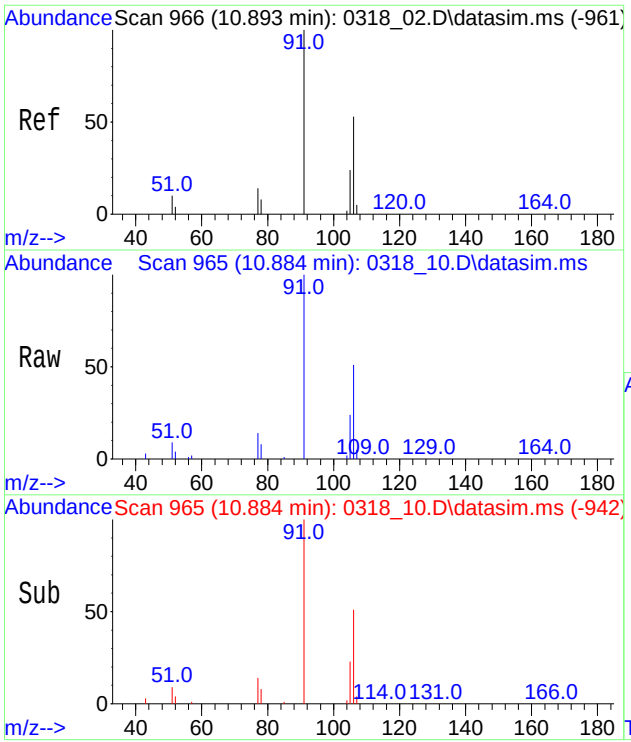


#108
Ethylbenzene(sim)
Conc: 8$ 0.371 ppbv
RT: 10.797 min Scan# 955
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 21340

Ion	Ratio	Lower	Upper
91	100		
106	34.5	0.0	0.0#
77	9.0	0.0	0.0#

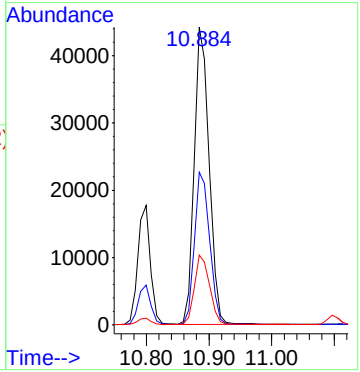


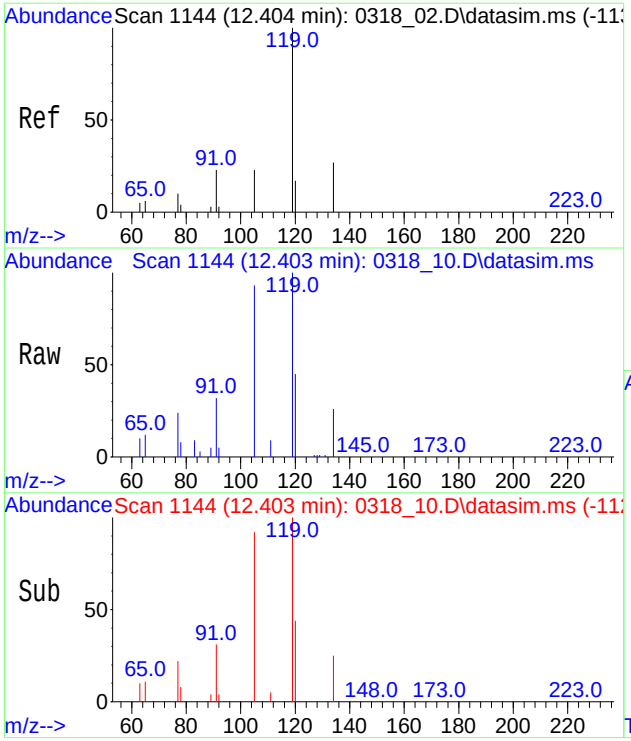


#109
m,p-Xylene(sim)
Conc: 8$ 1.464 ppbv
RT: 10.884 min Scan# 965
Delta R.T. -0.008 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion: 91 Resp: 73000

Ion	Ratio	Lower	Upper
91	100		
106	52.3	43.2	52.8
105	23.7	19.0	28.6

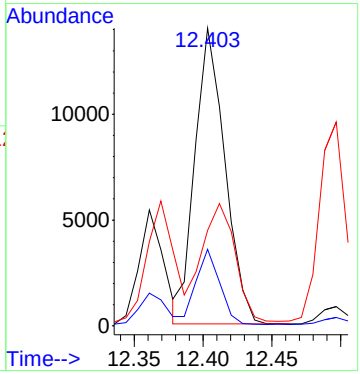




#117
4-Isopropyltoluene(sim)
Conc: 8$ 0.260 ppbv
RT: 12.403 min Scan# 1144
Delta R.T. 0.000 min
Lab File: 0318_10.D
Acq: 18 Mar 2026 9:37 pm

Tgt Ion:119 Resp: 21162

Ion	Ratio	Lower	Upper
119	100		
134	19.7	20.2	30.2#
91	43.7	25.4	38.0#



CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 4378

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CANISTER BLK 4378

Canister: CANBL Lab File ID: 0306_23.D

Instrument: CHEM39 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/07/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.202	U	0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	0.634		0.531	0.531	r
67-64-1	Acetone	0.421	U	0.421	0.421	r
67-63-0	Isopropylalcohol	0.407	U	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 4378

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CANISTER BLK 4378

Canister: CANBL Lab File ID: 0306_23.D

Instrument: CHEM39 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/07/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Batch Canister Certification

April 10, 2026

Batch Id: 4378

QC Canister Id: 705

SDG ID: GCV52023

Sample Canister Ids: 16001, 16004, 4615, 492, 49223, 49238

Certification Date: 03/07/26 1:07 AM

Data File: H:\AIR2026\CHEM39\03MAR\06\0306_23.D\0306_23-x39_AIR_0306.rr

Project ID: 86 CLEVELAND AVENUE

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.146	1,1,1-Trichloroethane	<0.183
1,1,2,2-Tetrachloroethane	<0.146	1,1,2-Trichloroethane	<0.183
1,1-Dichloroethane	<0.247	1,1-Dichloroethene	<0.051
1,2,4-Trichlorobenzene	<0.135	1,2,4-Trimethylbenzene	<0.204
1,2-Dibromoethane(EDB)	<0.130	1,2-Dichlorobenzene	<0.166
1,2-Dichloroethane	<0.247	1,2-dichloropropane	<0.217
1,2-Dichlorotetrafluoroethane	<0.143	1,3,5-Trimethylbenzene	<0.204
1,3-Butadiene	<0.452	1,3-Dichlorobenzene	<0.166
1,4-Dichlorobenzene	<0.166	1,4-Dioxane	<0.278
2-Hexanone(MBK)	<0.244	4-Ethyltoluene	<0.204
4-Isopropyltoluene	<0.182	4-Methyl-2-pentanone(MIBK)	<0.244
Acetone	<0.421	Acrylonitrile	<0.461
Benzene	<0.313	Benzyl chloride	<0.193
Bromodichloromethane	<0.149	Bromoform	<0.097
Bromomethane	<0.258	Carbon Disulfide	<0.321
Carbon Tetrachloride	<0.032	Chlorobenzene	<0.217
Chloroethane	<0.379	Chloroform	<0.205
Chloromethane	<0.485	Cis-1,2-Dichloroethene	<0.051
cis-1,3-Dichloropropene	<0.220	Cyclohexane	<0.291
Dibromochloromethane	<0.117	Dichlorodifluoromethane	<0.202
Ethanol	0.634	Ethyl acetate	<0.278
Ethylbenzene	<0.230	Heptane	<0.244
Hexachlorobutadiene	<0.094	Hexane	<0.284
Isooctane	<0.215	Isopropylalcohol	<0.407
Isopropylbenzene	<0.204	m,p-Xylene	<0.230
Methyl Ethyl Ketone	<0.339	Methyl tert-butyl ether(MTBE)	<0.278
Methylene Chloride	<0.863	Naphthalene	<0.200
n-Butylbenzene	<0.182	o-Xylene	<0.230
Propylene	<0.581	sec-Butylbenzene	<0.182
Styrene	<0.235	Tetrachloroethene	<0.037
Tetrahydrofuran	<0.339	Toluene	<0.266
Trans-1,2-Dichloroethene	<0.252	trans-1,3-Dichloropropene	<0.220
Trichloroethene	<0.037	Trichlorofluoromethane	<0.178
Trichlorotrifluoroethane	<0.131	Vinyl Chloride	<0.078

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2026\CHEM39\03MAR\06\
Data File : 0306_23.D
Acq On : 7 Mar 2026 1:07 am
Operator :
Client ID : CANISTER BLK 4378
Lab ID : CANISTER BLK 4378
ALS Vial : 31 Sample Multiplier: 1

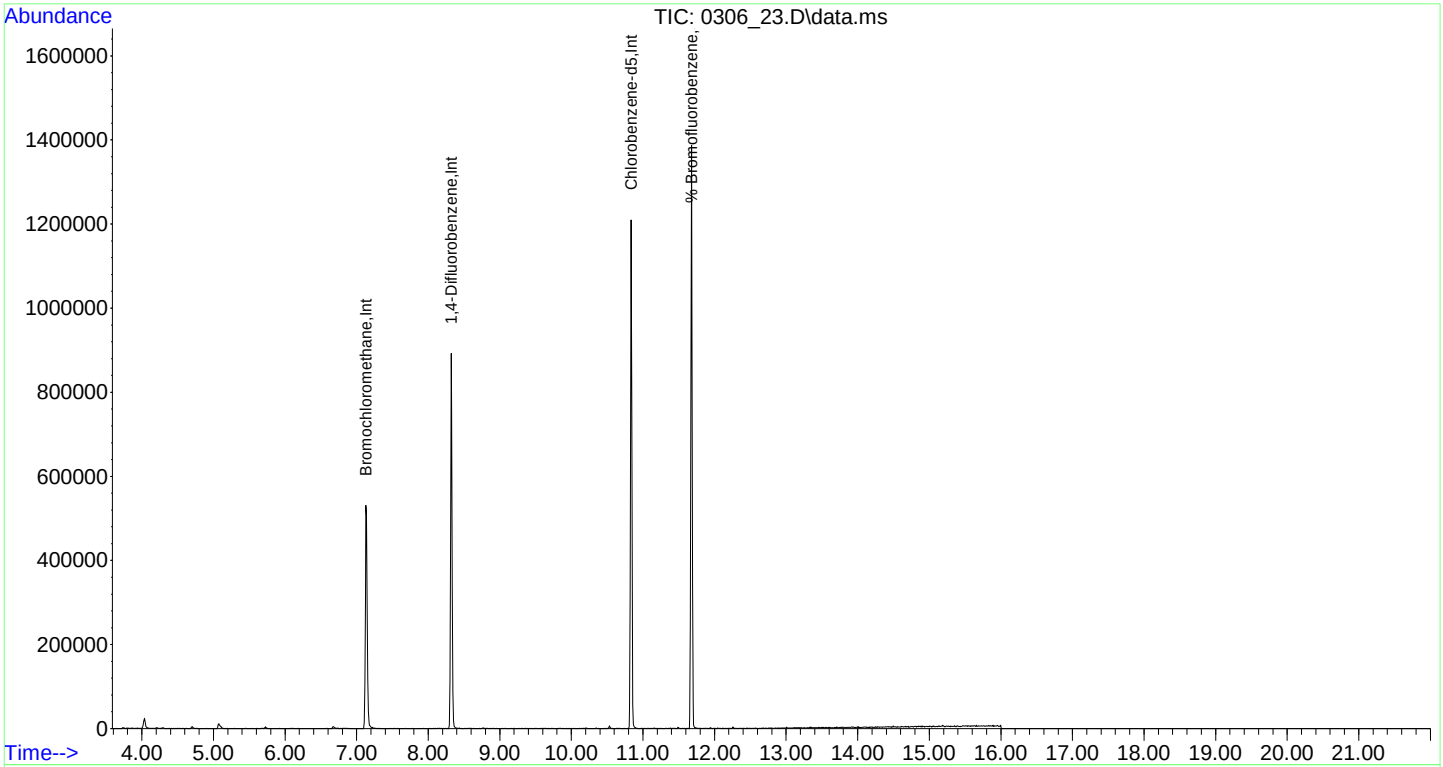
Quant Time: Mar 07 14:24:20 2026
Quant Method : H:\AIR2026\CHEM39\Methods\x39_AIR_0306.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sat Mar 07 08:33:22 2026
Response via : Initial Calibration

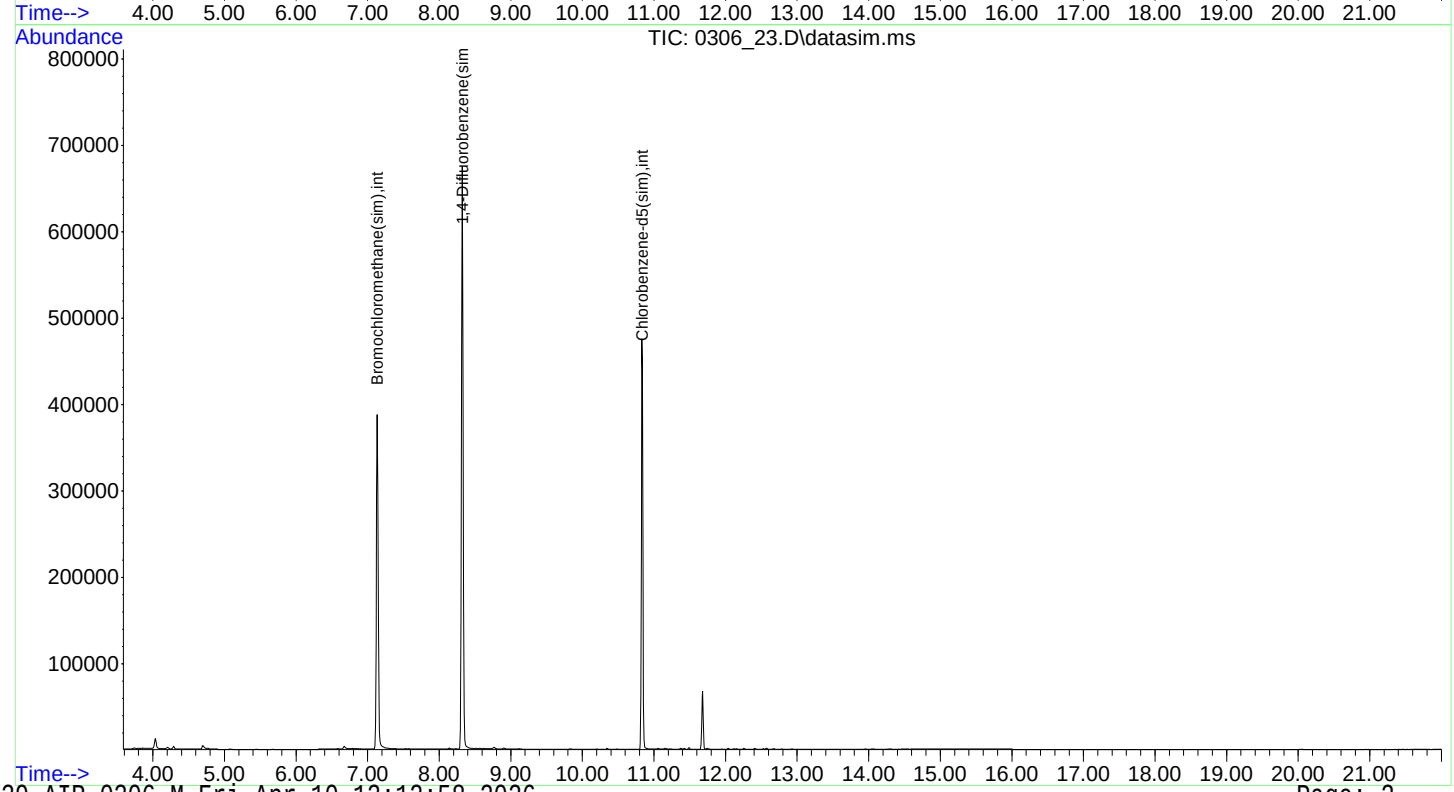
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.131	130	148573	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.320	114	565613	10.000	ng		0.00
53) Chlorobenzene-d5	10.836	82	274179	10.000	ng		0.00
81) Bromochloromethane(sim)	7.134	130	156726	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.320	114	565613	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	10.836	82	274179	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.678	95	336035	10.094	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.90%				
Target Compounds							Qvalue
11) Ethanol	4.691	45	5888	0.634	ppbv	#	75

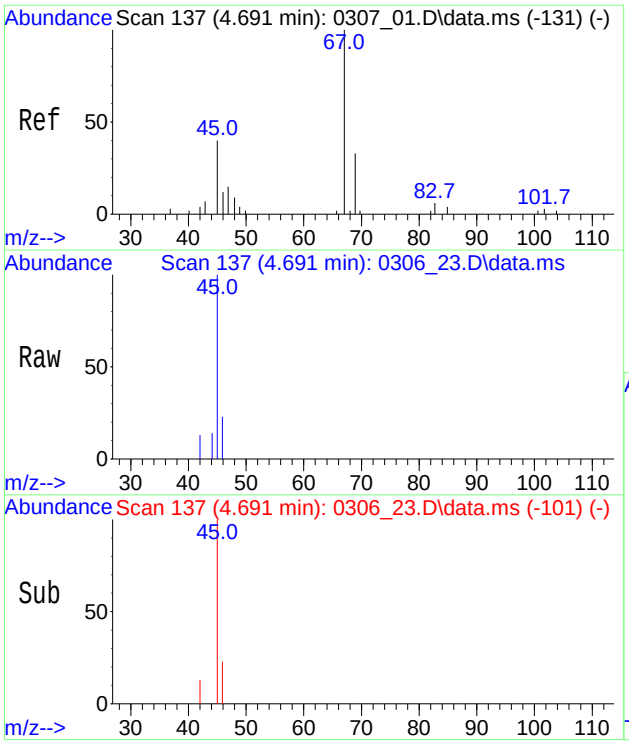
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2026\CHEM39\03MAR\06\
Data File : 0306_23.D
Acq On : 7 Mar 2026 1:07 am
Operator :
Client ID : CANISTER BLK 4378
Lab ID : CANISTER BLK 4378
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 07 14:24:20 2026
Quant Method : H:\AIR2026\CHEM39\Methods\x39_AIR_0306.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sat Mar 07 08:33:22 2026
Response via : Initial Calibration



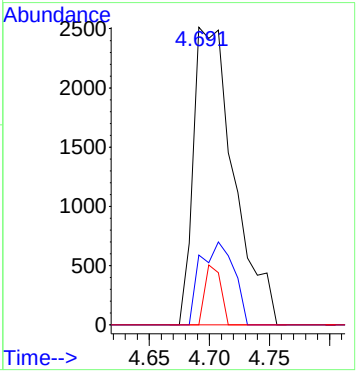




#11
Ethanol
Conc: 8$ 0.634 ppbv
RT: 4.691 min Scan# 137
Delta R.T. -0.008 min
Lab File: 0306_23.D
Acq: 7 Mar 2026 1:07 am

Tgt Ion: 45 Resp: 5888

Ion	Ratio	Lower	Upper
45	100		
46	23.1	25.4	38.0#
43	7.8	21.2	31.8#



Injection Log

Data Directory: H:\AIR2026\CHEM20\03MAR\17A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	0317_21.D	xxxxxxxxxx		N/A
2)	15	0317_02.D	xxxxxxxxxx		03/17/26 14:05
3)	17	0317_03.D	xxxxxxxxxx		03/17/26 14:37
4)	18	0317_04.D	BFB TUNE	0/0	03/17/26 15:08
5)	14	0317_05.D	ICAL 0.01	0.01ppbv	03/17/26 16:37
6)	15	0317_06.D	ICAL 0.02	0.02 ppbv	03/17/26 17:09
7)	16	0317_07.D	ICAL 0.035	0.035 ppbv	03/17/26 19:27
8)	17	0317_08.D	ICAL 0.05	0.05 ppbv	03/17/26 20:02
9)	18	0317_09.D	ICAL 0.1	0.10 ppbv	03/17/26 20:34
10)	19	0317_10.D	ICAL 0.2	0.20 ppbv	03/17/26 21:06
11)	20	0317_11.D	ICAL 0.5	0.5 ppbv	03/17/26 21:40
12)	21	0317_12.D	ICAL 2.5	2.5 ppbv	03/17/26 22:15
13)	22	0317_13.D	ICAL 5	5.0 ppbv	03/17/26 22:47
14)	23	0317_14.D	ICAL 25	25 ppbv	03/17/26 23:21
15)	24	0317_15.D	ICAL 40	40 ppbv	03/17/26 23:58
16)	25	0317_16.D	ICAL 1	1.0 ppbv	03/18/26 0:30
17)	26	0317_17.D	ICAL 10	10.0 ppbv	03/18/26 1:02
18)	27	0317_18.D	ICV_CHEM20_0317	10 ppbv LCs	03/18/26 1:36
19)	28	0317_19.D	xxxxxxxxxx		03/18/26 2:09
20)	29	0317_20.D	xxxxxxxxxx		03/18/26 2:41

Injection Log

Data Directory: H:\AIR2026\CHEM20\03MAR\18\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0318_01.D	xxxxxxxxxx		03/18/26 13:43
2)	1	0318_02.D	BFB TUNE - CCAL 1	1ppb cCal; TO1518L	03/18/26 14:15
3)	1	0318_03.D	xxxxxxxxxx		03/18/26 14:48
4)	1	0318_04.D	CV51571 LCS	CV51571 LCS	03/18/26 15:22
5)	1	0318_05.D	CV51571 BLANK	CV51571 BLANK	03/18/26 15:54
6)	1	0318_06.D	xxxxxxxxxx		03/18/26 16:27
7)	2	0318_07.D	xxxxxxxxxx		03/18/26 19:44
8)	3	0318_08.D	xxxxxxxxxx		03/18/26 20:19
9)	4	0318_09.D	CV51571 QC	CV51571 QC	03/18/26 20:58
10)	5	0318_10.D	CV51571 DUP	CV51571 DUP	03/18/26 21:37
11)	6	0318_11.D	IA-1	CV52023	03/18/26 22:12
12)	7	0318_12.D	IA-2	CV52024	03/18/26 22:47
13)	8	0318_13.D	IA-4	CV52025	03/18/26 23:23
14)	9	0318_14.D	IA-3	CV52026	03/18/26 23:58
15)	10	0318_15.D	OA-1	CV52027	03/19/26 0:33
16)	11	0318_16.D	xxxxxxxxxx		03/19/26 1:06
17)	12	0318_17.D	xxxxxxxxxx		03/19/26 1:37
18)	13	0318_18.D	xxxxxxxxxx		03/19/26 2:09
19)	14	0318_19.D	xxxxxxxxxx		03/19/26 2:42
20)	15	0318_20.D	xxxxxxxxxx		03/19/26 3:15
21)	16	0318_21.D	xxxxxxxxxx		03/19/26 3:48
22)	17	0318_22.D	xxxxxxxxxx		03/19/26 4:20
23)	18	0318_23.D	xxxxxxxxxx		03/19/26 4:52
24)	19	0318_24.D	xxxxxxxxxx		03/19/26 5:25
25)	20	0318_25.D	xxxxxxxxxx		03/19/26 5:57
26)	21	0318_26.D	xxxxxxxxxx		03/19/26 6:29
27)	22	0318_27.D	xxxxxxxxxx		03/19/26 7:01
28)	23	0318_28.D	xxxxxxxxxx		03/19/26 7:35
29)	24	0318_29.D	xxxxxxxxxx		03/19/26 8:43
30)	25	0318_30.D	xxxxxxxxxx		03/19/26 9:52
31)	26	0319_01.D	xxxxxxxxxx		03/19/26 10:23
32)	27	0319_02.D	CCCAL 1	1ppb cCal; TO1518L	03/19/26 10:56
33)	28	0319_03.D	xxxxxxxxxx		03/19/26 11:28
34)	29	0319_04.D	xxxxxxxxxx		03/19/26 12:17

Injection Log

Data Directory: H:\AIR2026\CHEM39\03MAR\06\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	0306_02.D	xxxxxxxxxx		N/A
2)	12	0306_01.D	xxxxxxxxxx		03/06/26 12:04
3)	15	0306_04.D	xxxxxxxxxx		03/06/26 13:07
4)	14	0306_05.D	xxxxxxxxxx		03/06/26 13:44
5)	15	0306_06.D	xxxxxxxxxx		03/06/26 14:22
6)	16	0306_07.D	xxxxxxxxxx		03/06/26 15:01
7)	17	0306_08.D	xxxxxxxxxx		03/06/26 15:29
8)	17	0306_09.D	xxxxxxxxxx		03/06/26 16:14
9)	18	0306_10.D	xxxxxxxxxx		03/06/26 16:51
10)	19	0306_11.D	xxxxxxxxxx		03/06/26 17:28
11)	20	0306_12.D	xxxxxxxxxx		03/06/26 18:07
12)	21	0306_13.D	xxxxxxxxxx		03/06/26 18:45
13)	22	0306_14.D	xxxxxxxxxx		03/06/26 19:22
14)	23	0306_15.D	xxxxxxxxxx		03/06/26 20:02
15)	24	0306_16.D	xxxxxxxxxx		03/06/26 20:43
16)	25	0306_17.D	xxxxxxxxxx		03/06/26 21:20
17)	26	0306_18.D	xxxxxxxxxx		03/06/26 21:57
18)	27	0306_19.D	xxxxxxxxxx		03/06/26 22:37
19)	28	0306_20.D	xxxxxxxxxx		03/06/26 23:12
20)	29	0306_21.D	xxxxxxxxxx		03/06/26 23:48
21)	30	0306_22.D	xxxxxxxxxx		03/07/26 0:27
22)	31	0306_23.D	CANISTER BLK 4378	CANISTER BLK 4378	03/07/26 1:07
23)	32	0306_24.D	xxxxxxxxxx		03/07/26 1:46
24)	33	0306_25.D	xxxxxxxxxx		03/07/26 2:30
25)	34	0306_26.D	xxxxxxxxxx		03/07/26 3:20
26)	35	0306_27.D	xxxxxxxxxx		03/07/26 4:10
27)	36	0306_28.D	xxxxxxxxxx		03/07/26 5:00
28)	37	0306_29.D	xxxxxxxxxx		03/07/26 5:43
29)	38	0306_30.D	xxxxxxxxxx		03/07/26 6:26
30)	39	0306_31.D	xxxxxxxxxx		03/07/26 7:16
31)	40	0306_32.D	xxxxxxxxxx		03/07/26 8:06
32)	41	0306_33.D	xxxxxxxxxx		03/07/26 8:55
33)	42	0306_34.D	xxxxxxxxxx		03/07/26 9:45
34)	43	0306_35.D	xxxxxxxxxx		03/07/26 10:28
35)	44	0306_36.D	xxxxxxxxxx		03/07/26 11:11
36)	45	0306_37.D	xxxxxxxxxx		03/07/26 11:54
37)	46	0306_38.D	xxxxxxxxxx		03/07/26 12:37
38)	47	0306_39.D	xxxxxxxxxx		03/07/26 13:14
39)	48	0306_40.D	xxxxxxxxxx		03/07/26 13:51
40)	49	0306_41.D	xxxxxxxxxx		03/07/26 14:28
41)	50	0306_42.D	xxxxxxxxxx		03/07/26 15:05
42)	51	0306_43.D	xxxxxxxxxx		03/07/26 15:42
43)	52	0306_44.D	xxxxxxxxxx		03/07/26 16:20
44)	53	0306_45.D	xxxxxxxxxx		03/07/26 16:57
45)	54	0306_46.D	xxxxxxxxxx		03/07/26 17:35
46)	55	0306_47.D	xxxxxxxxxx		03/07/26 18:13
47)	56	0306_48.D	xxxxxxxxxx		03/07/26 18:50
48)	57	0306_49.D	xxxxxxxxxx		03/07/26 19:28
49)	1	0307_01.D	xxxxxxxxxx		03/07/26 20:06
50)	1	0307_02.D	xxxxxxxxxx		03/07/26 20:44
51)	1	0307_03.D	xxxxxxxxxx		03/07/26 21:24
52)	1	0307_04.D	xxxxxxxxxx		03/07/26 22:00
53)	1	0307_05.D	xxxxxxxxxx		03/07/26 22:39
54)	2	0307_06.D	xxxxxxxxxx		03/07/26 23:19
55)	3	0307_07.D	xxxxxxxxxx		03/08/26 0:00
56)	4	0307_08.D	xxxxxxxxxx		03/08/26 0:44
57)	5	0307_09.D	xxxxxxxxxx		03/08/26 1:24
58)	6	0307_10.D	xxxxxxxxxx		03/08/26 8:31
59)	7	0307_11.D	xxxxxxxxxx		03/08/26 9:16
60)	8	0307_12.D	xxxxxxxxxx		03/08/26 10:06
61)	9	0307_13.D	xxxxxxxxxx		03/08/26 10:51
62)	10	0307_14.D	xxxxxxxxxx		03/08/26 11:34
63)	11	0307_15.D	xxxxxxxxxx		03/08/26 12:19
64)	12	0307_16.D	xxxxxxxxxx		03/08/26 13:03
65)	13	0307_17.D	xxxxxxxxxx		03/08/26 13:55
66)	14	0307_18.D	xxxxxxxxxx		03/08/26 14:38

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67) 15 0307_19.D  xxxxxxxxxx                    03/08/26 15:29
68) 16 0307_20.D  xxxxxxxxxx                    03/08/26 16:11
69) 17 0307_21.D  xxxxxxxxxx                    03/08/26 16:54
70) 18 0307_22.D  xxxxxxxxxx                    03/08/26 17:34
71) 19 0307_23.D  xxxxxxxxxx                    03/08/26 18:14
72) 20 0308_01.D  xxxxxxxxxx                    03/08/26 18:49
73) 21 0308_02.D  xxxxxxxxxx                    03/08/26 19:26
74) 22 0308_03.D  xxxxxxxxxx                    03/08/26 20:03
75) 23 0308_04.D  xxxxxxxxxx                    03/08/26 20:43
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ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
86 CLEVELAND AVENUE, BAY SHORE, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: GCV52023
Laboratory: Phoenix Environmental Laboratories, Manchester, Connecticut
Site: 86 Cleveland Ave, Bay Shore, New York
Date: July 1, 2026

EDS ID	Client ID	Laboratory ID	Matrix
1	IA-1	CV52023	Air
2	IA-2	CV52024	Air
3	IA-4	CV52025	Air
4	IA-3	CV52026	Air
5	OA-1	CV52027	Air

A Data Usability Summary Review was performed on the analytical data for five air samples collected on March 17, 2026 by EnviroTrac at the 86 Cleveland Avenue site in Bay Shore, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences

- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Laboratory Control Sample (LCS) recoveries
- Surrogate recoveries
- Internal Standard (IS) Area Performance
- Compound Quantitation
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contamination and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
03/18/26 (1415)	Benzyl Chloride	28.0%	UJ	All Samples

Method Blank

- The method blanks were free of contamination.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Surrogate Samples

- All samples exhibited acceptable surrogate percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Compound Quantitation

- Several samples were flagged (E) by the laboratory for various compounds indicating calibration range exceedances. The samples were not reanalyzed at a dilution, so the reviewer qualified these results as estimated (J).

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 7/31/26

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte 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.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
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 are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

1

CLIENT ID 1

AIR ANALYSIS DATA SHEET

IA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52023

Canister: 4615 Lab File ID: 0318_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.430		0.202	0.202	r
74-87-3	Chloromethane	0.581		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	20.9	S	0.531	0.531	r
67-64-1	Acetone	2.15	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.197		0.178	0.178	r
67-63-0	Isopropylalcohol	0.935	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.777		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.438		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.621		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID 1

AIR ANALYSIS DATA SHEET

IA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52023

Canister: 4615 Lab File ID: 0318_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.072		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.086		0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.261		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	UJ 0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID 2

AIR ANALYSIS DATA SHEET

IA-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52024

Canister: 492 Lab File ID: 0318_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.465		0.202	0.202	r
74-87-3	Chloromethane	0.795		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	57.8 J	~~E~~S	0.531	0.531	r
67-64-1	Acetone	6.66	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.218		0.178	0.178	r
67-63-0	Isopropylalcohol	15.8	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.691		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.483		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.686		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
179601-23-1	m,p-Xylene	0.501		0.230	0.230	r
100-42-5	Styrene	0.387		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

AIR ANALYSIS DATA SHEET

CLIENT ID 2

IA-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52024

Canister: 492 Lab File ID: 0318_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.081		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.095		0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U UJ	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 7/1/26

1

CLIENT ID 3

AIR ANALYSIS DATA SHEET

IA-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52025

Canister: 49223 Lab File ID: 0318_13.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.481		0.202	0.202	r
74-87-3	Chloromethane	0.534		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	17.5	S	0.531	0.531	r
67-64-1	Acetone	7.32	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.215		0.178	0.178	r
67-63-0	Isopropylalcohol	1.25	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.529		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.366		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.686		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 7/1/26

1

AIR ANALYSIS DATA SHEET

CLIENT ID 3

IA-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52025

Canister: 49223 Lab File ID: 0318_13.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.358		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	~~U~~ UJ	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 7/1/26

1

AIR ANALYSIS DATA SHEET

CLIENT ID 4

IA-3

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52026

Canister: 16001 Lab File ID: 0318_14.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.470		0.202	0.202	r
74-87-3	Chloromethane	0.560		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	7.69	S	0.531	0.531	r
67-64-1	Acetone	2.67	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.228		0.178	0.178	r
67-63-0	Isopropylalcohol	0.479	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	3.16		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	1.61		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	2.28		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.241		0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 7/1/26

AIR ANALYSIS DATA SHEET

CLIENT ID 4

IA-3

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52026

Canister: 16001 Lab File ID: 0318_14.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/18/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.076		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.233		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U UJ	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 7/1/26

1

AIR ANALYSIS DATA SHEET

CLIENT ID 5

OA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52027

Canister: 16004 Lab File ID: 0318_15.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/19/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.468		0.202	0.202	r
74-87-3	Chloromethane	0.609		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	4.84	S	0.531	0.531	r
67-64-1	Acetone	2.21	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.211		0.178	0.178	r
67-63-0	Isopropylalcohol	0.656	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

AIR ANALYSIS DATA SHEET

CLIENT ID 5

OA-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCV52023 Lab Sample ID: CV52027

Canister: 16004 Lab File ID: 0318_15.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/18/26

Purge Volume 200 (cc) Date Analyzed: 03/19/26

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.078		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
100-41-4	Ethylbenzene(sim)	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	~~U~~ UJ	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

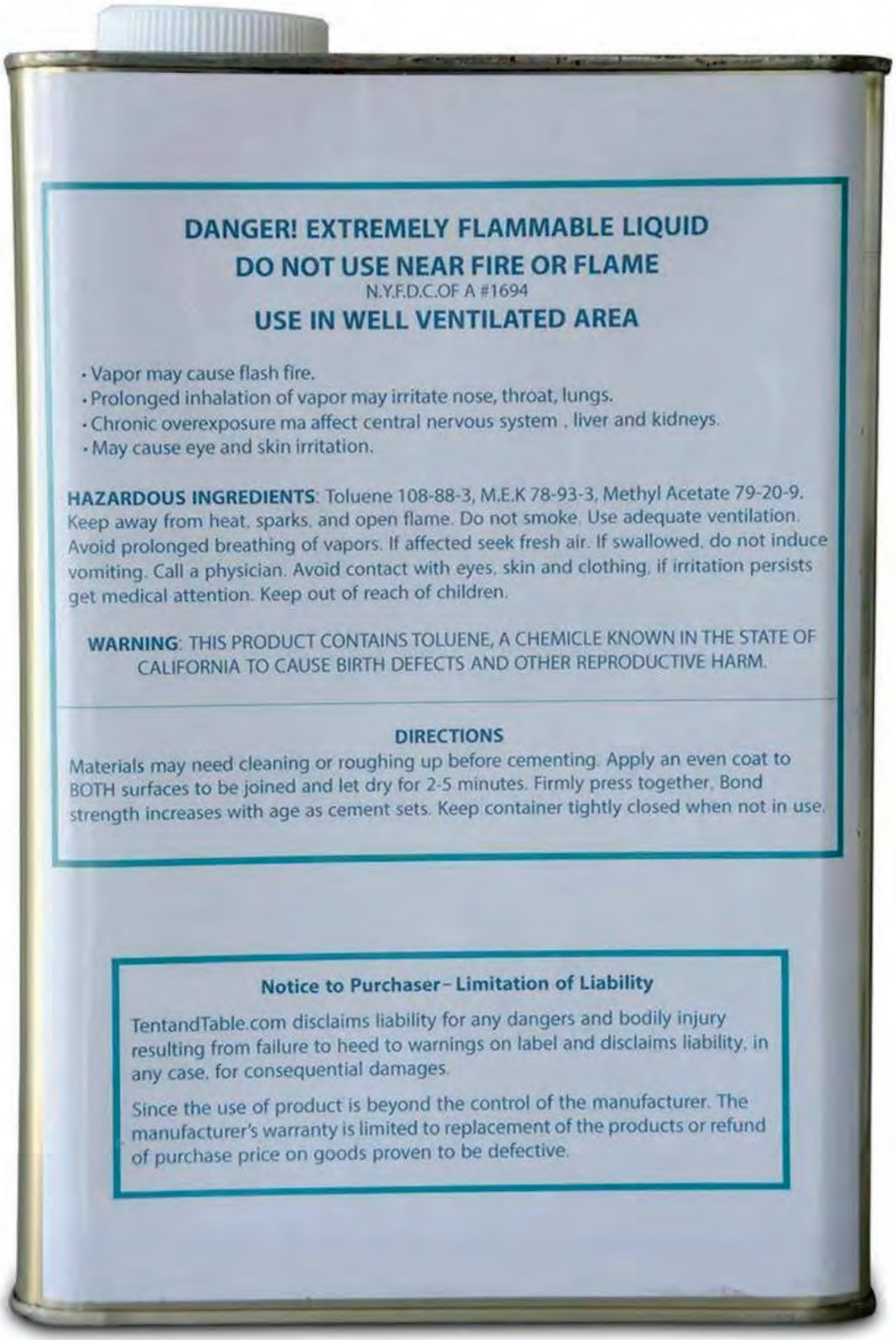
r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 7/1/26

APPENDIX F

Safety Data Sheets

EnviroTrac


DANGER! EXTREMELY FLAMMABLE LIQUID
DO NOT USE NEAR FIRE OR FLAME
N.Y.F.D.C.OF A #1694
USE IN WELL VENTILATED AREA
• Vapor may cause flash fire.
• Prolonged inhalation of vapor may irritate nose, throat, lungs.
• Chronic overexposure ma affect central nervous system , liver and kidneys.
• May cause eye and skin irritation.
HAZARDOUS INGREDIENTS: Toluene 108-88-3, M.E.K 78-93-3, Methyl Acetate 79-20-9. Keep away from heat, sparks, and open flame. Do not smoke. Use adequate ventilation. Avoid prolonged breathing of vapors. If affected seek fresh air. If swallowed, do not induce vomiting. Call a physician. Avoid contact with eyes, skin and clothing, if irritation persists get medical attention. Keep out of reach of children.
WARNING: THIS PRODUCT CONTAINS TOLUENE, A CHEMICLE KNOWN IN THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.
DIRECTIONS
Materials may need cleaning or roughing up before cementing. Apply an even coat to BOTH surfaces to be joined and let dry for 2-5 minutes. Firmly press together, Bond strength increases with age as cement sets. Keep container tightly closed when not in use.
Notice to Purchaser– Limitation of Liability
TentandTable.com disclaims liability for any dangers and bodily injury resulting from failure to heed to warnings on label and disclaims liability, in any case, for consequential damages.
Since the use of product is beyond the control of the manufacturer. The manufacturer's warranty is limited to replacement of the products or refund of purchase price on goods proven to be defective.

DATE OF LAST CHANGE: 04/26/05

DATE PRINTED.....: 04/19/06

MANUFACTURER'S NAME:

NAZDAR CHICAGO
1087 N. NORTH BRANCH ST.
CHICAGO
IL 60622 4292 USA

EMERGENCY TELEPHONE #: (800)424-9300
(U.S. and Canada)
EMERGENCY TELEPHONE #: (703)527-3887
(Outside U.S. and Canada, collect calls are accepted)
INFORMATION TELEPHONE #: (800)736-7636

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CODE: VFNL

TRADE NAME...: VF SERIES FLAT VINYL SCREEN INK

PRODUCT CLASS: SCREEN INK

INK SERIES...:

- H M I S C O D E S -
HEALTH - 2*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

-------Item Description-------	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF106 CARMINE RED	9.2	624	5.2	72
VF112 WHITE	11.8	625	5.2	67
VF121 NON ARCING BLACK	10.2	630	5.3	68
VF152 LIGHT BLUE	10.4	645	5.4	69
VF159 PERMANENT BLUE	9.3	673	5.6	73
VF164 CERISE	10.4	623	5.2	67
VF175 EXTENDER	11.2	607	5.1	66
VF411 WARM RED	9.2	667	5.6	72
VF422 REFLEX BLUE	10.0	631	5.3	68
VF440 PROCESS BLUE	9.6	682	5.7	73
VFLF 104 BRIGHT RED	9.4	642	5.4	69
VFLF 130 PRIMROSE YELLOW	9.9	638	5.3	69
VFLF 134 MEDIUM YELLOW	9.7	630	5.3	68

-------Item Description- ------	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF111 BLACK	9.0	694	5.8	75
VF114 BROWN	10.4	664	5.5	71
VF122 OPAQUE WHITE	13.2	594	5.0	64
VF156 BRILLIANT ULTRA BLUE	10.5	607	5.1	65
VF162 PURPLE	9.9	656	5.5	70
VF170 CLEAR	8.9	713	5.9	77
VF410 YELLOW	9.4	667	5.6	72
VF417 RUBINE RED	9.4	667	5.6	72
VF433 PURPLE	9.7	657	5.5	71
VFLF 103 BRILLIANT RED	9.6	624	5.2	67
VFLF 124 ORANGE	9.7	640	5.3	69
VFLF 132 LEMON YELLOW	9.8	631	5.3	68
VFLF 146 CYANINE GREEN	9.7	659	5.5	71

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS -------ACGIH------- TLV	-------OSHA-------- PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	18-37	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
RESIN MIXTURES; CAS #: NOT AVAILABLE	10-21	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	
PIGMENTS; MIXTURE; CAS #: NOT AVAILABLE	3-32	10 mg/m3	15 mg/m3 Total dust	N/A	(2)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	5-13	50 ppm	50 ppm	1.0 @ 20C	
CYCLOHEXANONE; PIMELIC KETONE; CAS #: 108-94-1	4-9	20 ppm Skin STEL: 50ppm	25 ppm Skin	2.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	4-9	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	2-5	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(3)
* 1,2,4-TRIMETHYLBENZENE; PSEUDOCUMENE; CAS #: 95-63-6	< 3	25 ppm	25 ppm	<1 @ 20C	(4)
TITANIUM DIOXIDE; CAS #: 13463-67-7	0-39	10 mg/m3	10 mg/m3	N/A	

CALCIUM CARBONATE; CAS #: See note	0-32	10 mg/m3 Total dust	**15 mg/m3** Total dust	N/A	(5)
CRYSTALLINE SILICA; CRISTOBALITE; CAS #: 14464-46-1	0-7	.050 mg/m3 Respirable dust	.50 mg/m3 Respirable dust	N/A	
* MANGANESE COMPOUNDS; CAS #: 7439-96-5	0-6	.200 mg/m3	NOT ESTABLISHED Ceiling 5 mg/m3	N/A	(6)
CARBON BLACK; PIGMENT BLACK; CAS #: 1333-86-4	0-6	3.500 mg/m3	35.00 mg/m3	N/A	
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-95-6	0-5	NOT ESTABLISHED	NOT ESTABLISHED	3.0 @ 20C	

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) The above ACGIH TLV exposure limit of 10 mg/m3 is for inhalable fraction. See Section 8 Exposure Controls, Personal Protection - Exposure Guidelines for more information on exposure limits.
3) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
4) The above ACGIH exposure limit is for Trimethylbenzene isomers CAS# 25551-13-7.
5) This applies to CAS#s 1317-65-3 and 471-34-1.
6) Exposure limits are for elemental and inorganic compounds.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Manganese Compounds). However, emissions of this chemical are not expected when using this product as intended.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and reversible eye damage.

SKIN

Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. This material may be absorbed through the skin. Toxic if absorbed through the skin. Repeated or prolonged overexposure may cause burns to the skin.

INHALATION

Repeated and prolonged overexposure by inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION

Ingestion may cause gastrointestinal tract irritation. Symptoms may include abdominal pain, nausea, diarrhea and nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Crystalline silica is classified as carcinogenic to humans by IARC (Group 1). Excessive exposure to crystalline silica is also a known cause of silicosis, a noncancerous lung disease. Overexposure should not occur during normal use. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists.

ANIMAL STUDIES

Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. Cyclohexanone has caused liver and kidney damage in animal tests. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE
Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
125 Degrees - 130 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES
Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS
Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep

containers closed when not in use. Smoke in designated areas only. **Avoid prolonged or repeated overexposure to this product.** Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION

Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION

Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES

See Section 2 "Composition, Information on Ingredients" for occupational exposure limits. Excessive concentrations of nuisance dusts or particulates not otherwise classified (PNOC) or regulated (PNOR) may reduce visibility and cause unpleasant deposits in the eyes, ears, and nasal passages. The TLV and PEL has been established for all non-toxic "nuisance dusts" that are not otherwise classified and refers to both organic and inorganic dusts. Exposure or generation of these dusts is not anticipated during normal printing operations. The use of dry pigments and powders, grinding or sanding of printed products may generate quantities of these particulates. Refer to Section 2 Composition, Information on Ingredients for exposure limits.

HYGIENIC PRACTICES

Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS

Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION

No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:

Viscous liquid

ODOR:

Characteristic

PHYSICAL STATE:

Liquid

pH

Not applicable

VAPOR PRESSURE

See Section 2 for individual ingredients.

VAPOR DENSITY

Heavier than air

BOILING POINT

Greater than 300 degrees Fahrenheit

FREEZING POINT

Not available

SOLUBILITY IN WATER

Not tested

EVAPORATION RATE
Slower than ether

VISCOSITY
Greater than water

PERCENT VOLATILE BY VOLUME: SEE SECTION ONE

WEIGHT PER GALLON: SEE SECTION ONE

VOC: SEE SECTION ONE

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on cyclohexanone has given the following results: Oral LD50 Rat; 1620 mg/kg: Dermal LD50 Rabbit; 1000 mg/kg: Inhalation TCLO Human; 75 ppm. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg. Experimental toxicity data on petroleum distillate CAS# 64742-95-6 has given the following results: Oral LD50 Rat; 4700 mg/kg: Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3670 ppm 4 hours.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION

DOT Proper Shipping Description: Printing Ink, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D1B _ Material causing immediate and serious toxic effects, toxic material; D2A _ Materials causing other toxic effects, very toxic material; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

DATE OF LAST CHANGE: 04/26/05

DATE PRINTED.....: 04/19/06

MANUFACTURER'S NAME:

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SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CODE: VFPB

TRADE NAME...: VF SERIES FLAT VINYL SCREEN INK

PRODUCT CLASS: SCREEN INK (LEADED)

INK SERIES...:

- HMIS CODES -
HEALTH - 2*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

Item Description	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume	Item Description	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF103 BRILLIANT RED	10.4	653	5.4	70	VF104 BRIGHT RED	9.9	667	5.6	72
VF105 CADMIUM RED	10.4	659	5.5	71	VF124 ORANGE	11.7	649	5.4	70
VF130 PRIMROSE YELLOW	11.8	658	5.5	71	VF132 LEMON YELLOW	11.9	665	5.5	71
VF134 CHROME YELLOW	11.9	643	5.4	69	VF146 CYANINE GREEN	10.2	664	5.5	71
VF148 DARK GREEN	9.8	691	5.8	75		.0	0	.0	0

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS ACGIH TLV	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	24-35	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
RESIN MIXTURES; CAS #: NOT AVAILABLE	12-18	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	
PIGMENTS; MIXTURE; CAS #: NOT AVAILABLE	6-18	10 mg/m3	15 mg/m3 Total dust	N/A	(2)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	5-10	50 ppm	50 ppm	1.0 @ 20C	
CYCLOHEXANONE; PIMELIC KETONE; CAS #: 108-94-1	5-10	20 ppm Skin STEL: 50ppm	25 ppm Skin	2.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	5-10	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	< 4	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(3)
CRYSTALLINE SILICA; CRISTOBALITE; CAS #: 14464-46-1	< 3	.050 mg/m3 Respirable dust	.50 mg/m3 Respirable dust	N/A	
* LEAD SULFOCHROMATE; PIGMENT; CAS #: 1344-37-2	0-31	0.05 mg/m3 Pb 0.01 mg/m3 CrVI	0.05 mg/m3 Pb 0.10 mg/m3 CrVI* *Ceiling Value	N/A	(4)
* LEAD CHROMATE/MOLYBDATE; PIGMENT; CAS #: 12656-85-8	0-27	0.05 mg/m3 Pb 0.01 mg/m3 CrVI	0.05 mg/m3 Pb 0.10 mg/m3 CrVI* *Ceiling Value	N/A	(5)
* MANGANESE COMPOUNDS; CAS #: 7439-96-5	0-2	.200 mg/m3	NOT ESTABLISHED Ceiling 5 mg/m3	N/A	(6)

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) The above ACGIH TLV exposure limit of 10 mg/m3 is for inhalable fraction. See Section 8 Exposure Controls, Personal Protection - Exposure Guidelines for more information on exposure limits.
3) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
4) Exposure limits are for inorganic lead dusts and fumes and chromium metal respectively.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Lead Compounds and Chromium Compounds). However, emissions of this chemical are not expected when using this product as intended.
5) Exposure limits are for inorganic lead dusts and fumes and chromium metal respectively. Molybdate (insoluble compounds, as Mo) has a vacated PEL TWA of 10 mg/m3.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Lead Compounds and Chromium Compounds). However, emissions of this chemical are not expected when using this product as intended.
6) Exposure limits are for elemental and inorganic compounds.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Manganese Compounds). However, emissions of this chemical are not expected when using this product as intended.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and reversible eye damage.

SKIN

Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. This material may be absorbed through the skin. Toxic if absorbed through the skin. Repeated or prolonged overexposure may cause burns to the skin.

INHALATION

Repeated and prolonged overexposure by inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION

Ingestion may cause gastrointestinal tract irritation. Symptoms may include abdominal pain, nausea, diarrhea and nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. "Lead compounds and inorganic lead" is classified as a (Group 2B) carcinogen by IARC. Repeated and prolonged overexposure to lead by ingestion may cause a metallic taste in the mouth, nausea, digestive disorders, abdominal cramps and insomnia as well as blood, nervous, urinary and reproductive disorders and birth defects. Lead exposure is not normally expected when using this product as intended. "Chromium and certain chromium compounds" is included in the NTP and IARC lists of carcinogens. Crystalline silica is classified as carcinogenic to humans by IARC (Group 1). Excessive exposure to crystalline silica is also a known cause of silicosis, a noncancerous lung disease. Overexposure should not occur during normal use. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists.

ANIMAL STUDIES

Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. Cyclohexanone has caused liver and kidney damage in animal tests. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE

Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
125 Degrees - 130 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES
Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS
Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep containers closed when not in use. Smoke in designated areas only. Avoid prolonged or repeated overexposure to this product. Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION
Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION
Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES
See Section 2 "Composition, Information on Ingredients" for occupational exposure limits. Excessive concentrations of nuisance dusts or particulates not otherwise classified (PNOC) or regulated (PNOR) may reduce visibility and cause unpleasant deposits in the eyes, ears, and nasal passages. The TLV and PEL has been established for all non-toxic "nuisance dusts" that are not otherwise classified and refers to both organic and inorganic dusts. Exposure or generation of these dusts is not anticipated during normal printing operations. The use of dry pigments and powders, grinding or sanding of printed products may generate quantities of these particulates. Refer to Section 2 Composition, Information on Ingredients for exposure limits.

HYGIENIC PRACTICES
Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS
Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION
No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:
Viscous liquid

ODOR:
Characteristic

PHYSICAL STATE:
Liquid

pH
Not applicable

VAPOR PRESSURE
See Section 2 for individual ingredients.

VAPOR DENSITY
Heavier than air

BOILING POINT
Greater than 300 degrees Fahrenheit

FREEZING POINT
Not available

SOLUBILITY IN WATER
Not tested

EVAPORATION RATE
Slower than ether

VISCOSITY
Greater than water

PERCENT VOLATILE BY VOLUME: SEE SECTION ONE

WEIGHT PER GALLON: SEE SECTION ONE

VOC: SEE SECTION ONE

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on cyclohexanone has given the following results: Oral LD50 Rat; 1620 mg/kg: Dermal LD50 Rabbit; 1000 mg/kg: Inhalation TCLO Human; 75 ppm. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION
DOT Proper Shipping Description: Printing Ink, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D1B _ Material causing immediate and serious toxic effects, toxic material; D2A _ Materials causing other toxic effects, very toxic material; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

DATE OF LAST CHANGE: 04/21/05

DATE PRINTED.....: 04/19/06

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SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE.: VF190

TRADE NAME...: THINNER

PRODUCT CLASS: SCREEN PRINTING RELATED MATERIAL

INK SERIES...:

- H M I S C O D E S -
HEALTH - 3*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS ACGIH TLV	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	40-45	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	30-35	50 ppm	50 ppm	1.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	15-20	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	< 6	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(2)
* 1,2,4-TRIMETHYLBENZENE; PSEUDOCUMENE; CAS #: 95-63-6	< 2	25 ppm	25 ppm	<1 @ 20C	(3)

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
3) The above ACGIH exposure limit is for Trimethylbenzene isomers CAS# 25551-13-7.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and eye damage.

SKIN

Skin contact may cause irritation. Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. Skin absorption is possible but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INHALATION
Inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION
Ingestion may cause gastrointestinal tract irritation. Symptoms may include nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS
Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

ANIMAL STUDIES
Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE
Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
135 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES

Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS

Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep containers closed when not in use. Smoke in designated areas only. Avoid prolonged or repeated overexposure to this product. Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION

Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION

Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES

See Section 2 "Composition, Information on Ingredients" for occupational exposure limits.

HYGIENIC PRACTICES

Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS

Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION

No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:

Thin liquid

ODOR:

Characteristic

PHYSICAL STATE:

Liquid

pH

Not applicable

VAPOR PRESSURE

See Section 2 for individual ingredients.

VAPOR DENSITY

Heavier than air

BOILING POINT
Greater than 300 degrees Fahrenheit

FREEZING POINT
Not available

SOLUBILITY IN WATER
Not tested

EVAPORATION RATE
Slower than ether

PERCENT VOLATILE BY VOLUME: 100.00 %

WEIGHT PER GALLON: 7.86 lbs/gal

VOC: 942.82 g/L
7.86 lb/gal

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION

DOT Proper Shipping Description: Printing Ink Related Material, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	**HEAVY DUTY DEGREASER**
1.2	Chemical Name:	Sodium Metasilicate Solution
1.3	Synonyms:	P/N 42998
1.4	Trade Names:	Harbor Freight Tools
1.5	Product Uses & Restrictions:	Cleaner Degreaser
1.6	Distributor's Name:	Harbor Freight Tools USA, Inc.
1.7	Distributor's Address:	26541 Agoura Road, Calabasas, CA 91302 USA
1.8	Emergency Phone:	**CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)**
1.9	Business Phone / Fax:	+1 (805) 388-1000

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a **HAZARDOUS SUBSTANCE** but not as **DANGEROUS GOODS** according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia).

DANGER! HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.

Classification: Acute Tox. 4; Skin Corr. 1B; Serious Eye Dam

Hazard Statements (H): H302 – Harmful if swallowed. H314 – Causes severe burns and eye damage. H335 – May cause respiratory irritation. H402 – Harmful to aquatic life.

Precautionary Statements (P): P260 - Do not breathe mist, fumes, vapors or spray. P264 - Wash hands and exposed skin areas thoroughly with soap and warm water after handling. P271 – Use only in a well-ventilated area. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eye protection. P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P310 – Immediately call a POISON CENTER or doctor/physician. P321 – Specific treatment – see Section 4 of this Safety Data Sheet. P363 Wash contaminated clothing before reuse. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P233 – Store in a well-ventilated place. Keep container tightly closed. P405 – Store locked up. P501 – Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).



3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³) ACGIH ppm TLV	ACGIH ppm STEL	NOHSC ppm ES-TWA	NOHSC ppm ES-STEL	NOHSC ppm ES-PEAK	OSHA ppm PEL	OSHA ppm STEL	OSHA ppm IDLH	OTHER
SODIUM METASILICATE PENTAHYDRATE	6834-92-0	VV9275000	229-912-9	NA	10	NA	NF	NF	NF	15	NA	NA	
	Acute Tox. 4; Skin Corr. 1B; Serious Eye Dam. 1; STOT SE 3; H302, H314, H335												
TETRASODIUM EDTA	64-02-8	NA	200-573-9	NA	NA	NA	NF	NF	NF	NA	NA	NA	
	Acute Tox. 4 *; Eye Dam. 1; H302, H318												
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	JM1575000	252-104-2	NA	100	150	50	308	NF	100	NA	600	

4. FIRST AID MEASURES

4.1 First Aid:

Ingestion: DO NOT INDUCE VOMITING. Contact ChemTrec +1 (800) 424-9300 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Eyes: If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.

Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it has been properly cleaned.

Inhalation: Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.

4.2 Effects of Exposure:

Ingestion: Severe burns of mouth, throat and stomach. Symptoms may include vomiting, diarrhea, and abdominal pain.

Eyes: Severe irritation, burns, eye damage. Corrosive.

Skin: Severe irritation, and possible burns.

Inhalation: Severe irritation of respiratory tract and mucous membranes; coughing, difficulty breathing

4. FIRST AID MEASURES – cont'd

4.3	Symptoms of Overexposure:	Ingestion: Nausea, vomiting, severe abdominal pain. Eyes: Redness, burning, irritation, and swelling around eyes. Eye damaged Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing.
4.4	Acute Health Effects:	Severe or permanent eye damage. Severe irritation and possible burns. Severe burns of mouth, throat and stomach. Severe irritation of respiratory tract and mucous membranes.
4.5	Chronic Health Effects:	Severe or permanent eye damage.
4.6	Target Organs:	Eyes, Skin, Lungs, Liver, Kidneys, Red Blood Cells.
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system). Preclude from exposure those individuals that are susceptible to dermatitis, asthma or bronchitis.

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PROTECTIVE EQUIPMENT	B

EYES	SKIN		

5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Non-flammable. Use media as appropriate for surrounding fire. Contact with metals may release flammable hydrogen gas.
5.2	Extinguishing Methods:	Carbon Dioxide, Foam, Water Spray, Halon (if permitted), Dry Chemical Extinguisher.
5.3	Firefighting Procedures:	As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, and/or nitrogen, hydrocarbons and/or derivatives. Fire should be fought from a safe distance. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.



6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). Use safety glasses or safety goggles and face shield; use gloves and other protective clothing (e.g., apron, boots, etc.) to prevent skin contact. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible, inert material such as vermiculite or sand to soak up the product and place into a container for later disposal. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Recover as much free liquid as possible and collect in acid-resistant container. Use absorbent to pick up residue. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Immediately clean-up and decontaminate any spills or residues.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Keep away from incompatible substances (see Section 10). Protect containers from physical damage. Do not freeze (< 32 ºF), or heat (110 ºF).
7.3	Special Precautions:	Empty containers may retain hazardous product residues.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Exposure Limits: ppm (mg/m^3)

	ACGIH		NOHSC			OSHA			OTHER
CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
SODIUM METASILICATE PENTAHYDRATE	10	NA	NF	NF	NF	15	NA	NA	
DIPROPYLENE GLYCOL MONOMETHYL ETHER	100	150	50	308	NF	100	NA	600	

8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).
8.3	Respiratory Protection:	In instances where mist, fumes, vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd

8.4	Eye Protection:	Wear protective eyewear (e.g., chemical safety goggles) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Wear goggles and/or faceshield if splashing or spraying is anticipated. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
8.5	Hand Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.	
8.6	Body Protection:	Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.	

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Yellow liquid
9.2	Odor:	Sassafras odor
9.3	Odor Threshold:	NA
9.4	pH:	11.5-13.0
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	> 100 ºC (212 ºF)
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.041
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log P_{ow}):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	VOC Content: 44.1 g/L

10. STABILITY & REACTIVITY

10.1	Stability:	Stable under normal storage and use conditions.
10.2	Hazardous Decomposition Products:	Contact with metals such as aluminum and zinc may produce hydrogen gas. Thermal decomposition can produce oxides of carbon, sodium, nitrogen and sulfur.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Avoid high temperatures and incompatible materials.
10.5	Incompatible Substances:	Water-reactive substances, metals (e.g. aluminum, zinc) strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation:	NO	Absorption:	YES	Ingestion:	YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.					
11.3	Acute Toxicity:	See Section 4.4					
11.4	Chronic Toxicity:	See Section 4.5					
11.5	Suspected Carcinogen:	No					
11.6	Reproductive Toxicity:	This product contains Lead, which is suspected of causing reproductive toxicity in humans.					
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.					
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.					
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.					
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.					
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.					
11.8	Biological Exposure Indices:	NE					
11.9	Physician Recommendations:	Treat symptomatically.					

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
13.2	Special Considerations:	NA

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR)*:	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 0.1 L)	
14.3	IMDG (OCN):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.5	ADR/RID (EU):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN3262, LIQUIDOS CORROSIVOS, BASICO, INORGANICO, N.E.P. (METASILICATO DE SODIO EN SOLUCION), 8, II, CANTIDAD LIMITADA, (IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title II, Section 313 reporting requirements.	
15.2	SARA Threshold Planning Quantity:	NA	
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.	
15.4	CERCLA Reportable Quantity (RQ):	NA	
15.5	Other Federal Requirements:	None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Clean Water Act (CWA). This product does not contain any Class 1 or Class 2 ozone depletors.	
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class E (Corrosive Material), Class D2B (Materials Causing Other Toxic Effects).	
15.7	State Regulatory Information:	Sodium Metasilicate is found on the following state criteria lists: New Jersey Right-to-Know List (NJ) and Pennsylvania Right-to-Know List (PA). Tetrasodium EDTA is found on the following state criteria lists: NJ and PA. Dipropylene Glycol Monomethyl Ether is found on the following state criteria list: FL, MA, MN, PA and WA. None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).	
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC. Sodium Metasilicate: Corrosive(C). Risk Phrases (R): 34-37 – Causes burns. Irritation to respiratory system. Safety Phrases (S): S(1/2)-13-24/25-36/37/39-45 – Keep locked up and out of reach of children. Keep away from food drink and animal foodstuffs. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). Tetrasodium EDTA: Harmful (Xn) Risk Phrases (R): 22-41 – Harmful if swallowed. Risk of serious damage to eyes. Safety Phrases (S): 2-26-39-46 – Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection. If swallowed seek medical advice immediately and show this container label where possible.	

16. OTHER INFORMATION

16.1	Other Information:	**DANGER! HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.** Use only as directed. Obtain instructions before use. . Keep away from food drink and animal foodstuffs. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. If swallowed seek medical advice immediately and show this container label where possible. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). **KEEP OUT OF REACH OF CHILDREN.**
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	**Harbor Freight Tools USA, Inc.** 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com
16.5	Prepared by:	**ShipMate, Inc.** P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

A		**G**	
B		**H**	
C		**I**	
D		**J**	
E		**K**	
F		**X**	**Consult your supervisor or SOPs for special handling directions.**


Safety Glasses


Splash Goggles


Face Shield & Protective Eyewear


Gloves


Boots


Synthetic Apron


Protective Clothing & Full Suit


Dust Respirator


Full Face Respirator


Dust & Vapor Half-Mask Respirator


Full Face Respirator


Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



TOXICOLOGICAL INFORMATION:

LD_{50}	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC_{50}	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD_{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD_{lo}, LD_{lo}, & LD_o or TC, TC_o, LC_{lo}, & LC_o	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{OW} or log K_{OC}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:



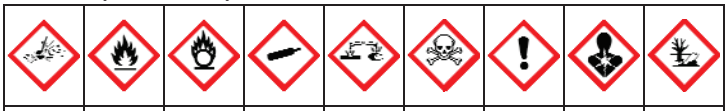
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:



C	E	F	N	O	T	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:



GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER QT_12CT

Material number : R42310

Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

Emergency telephone numbers

For SDS Information	:	Compliance Services - 877-428-9937
For a Medical Emergency	:	877-541-2016 Toll Free - All Calls Recorded
For a Transportation Emergency	:	CHEMTREC: 800-424-9300 - All Calls Recorded. In the District of Columbia 202-483-7616

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	clear, purple
Odour	characteristic

GHS Classification

Skin corrosion : Category 1
Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Corrosion

Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P363 Wash contaminated clothing before reuse.
Disposal:
P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
Alcohols, C9-11, ethoxylated	68439-46-3	>= 1 - < 3
Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	64366-70-7	>= 1 - < 3

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Get medical attention.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes.
Wash contaminated clothing before reuse.
If skin irritation persists, call a physician.

In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a

physician or poison control center.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed	:	Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Causes severe skin burns and eye damage. Review section 2 of SDS to see all potential hazards.
Notes to physician	:	Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Carbon dioxide (CO_2) Carbon monoxide Smoke
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Standard procedure for chemical fires.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains, inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not breathe vapours or spray mist. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	:	Do not store near acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : effective ventilation in all processing areas

Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection		
Material	:	Protective gloves
Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	:	Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water. Wear safety glasses with side shields or goggles.
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	clear, purple
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	11.50
Melting point/freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	Not applicable
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	1.007 g/cm3
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	completely soluble
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	Extremes of temperature and direct sunlight.
Incompatible materials	:	Acids

Hazardous decomposition products	:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition	:	None known.
Symptoms of Overexposure	:	Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Causes severe skin burns and eye damage. Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed.

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Acute toxicity

Product:

Acute oral toxicity	:	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

Components:

Alcohols, C9-11, ethoxylated:

Acute oral toxicity	:	LD50 Oral Rat: 1,400 mg/kg

Skin corrosion/irritation

Product:

Remarks: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Product:

Remarks: Risk of serious damage to eyes.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water	:	Remarks: No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation	40 CFR Protection of Environment; Part 82 Protection of

Remarks		Stratospheric Ozone - CAA Section 602 Class I Substances This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information	:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IMDG (Vessel):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: IATA (Passenger Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: TDG (Canada):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

DSL All components of this product are on the Canadian DSL
TSCA On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

SECTION 16. OTHER INFORMATION

Further information

NFPA:

HEALTH	3
FLAMMABILITY	1
INSTABILITY	0
SPECIAL HAZARD.	

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme

HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

OSHA - GHS Label Information:

Hazard pictograms :



Corrosion

Signal word : **Danger:**
Hazard statements : Causes severe skin burns and eye damage.
Precautionary statements :

Prevention: Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container in accordance with local regulation.

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