2025 ANNUAL PERIODIC REVIEW REPORT

Former Cleaner Sales & Equipment Corp. Site

135 Kent Avenue, Brooklyn, NY 11249

Site Number C224177

Prepared For:
135 Kent LLC
135 Kent Avenue
Brooklyn, NY 11249

Prepared By:
Rock Enviro LLC
170 Lee Avenue
Brooklyn, NY 11211

Certified By:
Matrix Environmental Engineers, PLLC
95 Brown Road
Ithaca, NY 14850

May 4, 2026

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

TABLE OF CONTENTS

1 INTRODUCTION 4
1.1 SITE DESCRIPTION 5
1.2 PURPOSE OF THIS REPORT 5
2 ENGINEERING CONTROLS 6
2.1 SUMMARY OF ENGINEERING CONTROLS 6
2.1.1 Active SSDS 6
2.1.2 Air Filtration Units 7
2.2 MODIFICATIONS OR ENHANCEMENTS TO THE ENGINEERING CONTROLS 8
3 SITE INSPECTIONS AND REPAIRS 10
3.1 MONTHLY MONITORING 10
3.1.1 SSDS Monitoring Summary 11
3.1.1.1 Airflow Velocity Measurements 11
3.1.1.2 Differential Pressure Measurements 12
3.1.1.3 SSDS Drum Pressure Readings 12
3.1.2 Air Filtration Units 13
3.2 INDOOR AIR SAMPLING 13
3.3 SEVERE CONDITION INSPECTIONS 15
3.4 ANNUAL INSPECTIONS 15
3.5 ENGINEERING CONTROL MAINTENANCE AND REPAIRS 15
3.5.1 Slab Opening (November 2021 16
3.5.2 Vapor Monitoring Point Replacement (January 2025) 16
3.5.3 SSDS & Slab Modifications (March 2025) 16
3.5.4 Repair to SSDS Suction Well V-1 (September 2023) 18
3.5.5 Proposed Trenching for Wastewater Line Installation 18
3.5.6 Air Filtration Unit Maintenance 19
3.6 EVALUATION OF THE ENGINEERING CONTROLS AND MONITORING PLAN 20
3.7 SOUND/VIBRATION MITIGATION FOR SSDS EQUIPMENT 21
4 CONCLUSIONS AND RECOMMENDATIONS 21
CERTIFICATION 22

FIGURES

1 – Site Location Map
2 – Site Plan Existing SSDS Layout (First Floor & Former Cellar)
3 – Site Plan (Second Floor)
4 – Site Plan (Rooftop)
5 – 2021 through 2025 SSDS Airflow Velocity Monitoring Data
6 – 2021 through 2025 SSDS Differential Pressure Data
7 – Site Plan Proposed Trenching Plan (First Floor)

170 Lee Avenue
Brooklyn, NY 11211
718.858.6655
info@rockenviro.com

TABLES

1 – August 2021 through December 2025 SSDS Airflow Velocity Monitoring Data
2 – August 2021 through December 2025 SSDS Differential Pressure Data
3 – August 2021 through December 2025 SSDS Gauge Monitoring Data
4A – Spring 2022 Air Filtration Unit Inventory
4B – February 2024 Air Filtration Unit Inventory
5 – November 2025 Air Filtration Unit Inventory
6 – March 2025 IAQ Data

APPENDICES

A – 2025 Monthly Monitoring Reports (January – December 2025)
B – Analytical Laboratory Report – Indoor Air Sampling (March 2025)
C – Data Usability Summary Report – DUSR
D – 2025 Air Sampling Tenant Notification Letters (June 2025)
E – Annual Inspection Photographs (Rock Enviro, March 2026)
F – First-Floor Slab Repair Documentation (Integral, December 16, 2022)
G – Sound/Vibration Reducing Equipment – IRM Addendum #3 (Matrix, January 2025)
H – Proposed Inline Activated Carbon Filters for First Floor HVAC System Upgrade (Or Equivalent)
I – Vapor Pin Specifications & Standard Operating Procedures (SOP)
J – Daily Status Reports During SSDS Modifications & Weekly Status Reports after SSDS Modifications

LIST OF ACRONYMS

AGV	Air Guideline Value
BCP	Brownfield Cleanup Program
CCR	Construction Completion Report
DUSR	Data Usability Summary Report
EC	Engineering Control
ECMs	Engineering Control Modifications
ECMWP	Engineering Controls Modifications Work Plan
HEPA	High-Efficiency Particulate Air
In. WC	Inches of Water Column (Pressure/Vacuum Measurement)
Integral	Integral Engineering, P.C.
IRMs	Interim Remedial Measures
IRMWP	Interim Remedial Measures Work Plan
RE	Rock Enviro LLC
Matrix	Matrix Environmental Engineers, PLLC
PRR	Periodic Review Report
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operation, Maintenance, and Monitoring
PCE	Tetrachloroethylene
TCE	Trichloroethylene
SSDS	Sub-slab Depressurization System
VMP	Vacuum Monitoring Point

1.0 INTRODUCTION

This document is required as an element of the remedial program located at 135 Kent Avenue, Brooklyn, NY 11249, identified as Block 2333 and Lot 5 on the New York City Tax Map (hereinafter referred to as the "Site") under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by the New York State Department of Environmental Conservation (NYSDEC). Rock Enviro LLC (Rock Enviro) presents this annual periodic review report (PRR) (aka, annual inspection report) which summarizes monthly inspections conducted January 30, 2025, through December 30, 2025, on behalf of 135 Kent LLC, detailing operation, maintenance and monitoring (OM&M) of the interim remedial measures (IRMs) installed at the Site. An annual inspection was conducted by Rock Enviro on January 28, 2026, and an additional follow-up inspection was conducted on March 12, 2026, to further evaluate the engineering controls and condition of the Site. The Site is currently enrolled in NYS BCP and is listed as NYSDEC Site No. C224177.

The findings of the Site Soil Vapor Intrusion Report[1] indicated that soil vapor intrusion of tetrachloroethylene (PCE) was occurring at the Site. Several IRMs were installed at the Site to mitigate PCE vapor intrusion: air filtration units were placed in all commercial and residential spaces, and an active sub-slab depressurization system (SSDS) was installed. IRM maintenance, monitoring, and reporting are performed on a monthly basis in accordance with BCP requirements.

An operation, maintenance, and monitoring (OM&M) plan[2] and construction completion report[3] (CCR) were prepared for the Site after the SSDS was constructed and confirmed to be operational by a professional engineer. This 2025 Annual PRR has been prepared in conformance with the requirements for annual certification as denoted in the OM&M Plan and CCR.

Engineering Controls were employed in the Remedial Action to assure protection of the health of building occupants by mitigating human exposure to residual materials remaining at the site. The Site has three (3) Engineering Control Systems. Engineering Controls for this property are:

1. Composite Cover System (slab-on-grade foundation & partial cellar);
2. Air Filtration Units; and,
3. Active Sub-Slab Depressurization System.

[1] Soderberg, J.V. 2014. Former Cleaners Sales & Equipment Corp., Site No. C224177, Soil Vapor Intrusion Report. John V. Soderberg, P.E. on behalf of 135 Kent Avenue Management Corp. February 2014.

[2] Soderberg, J.V. 2015. Sub-Slab Depressurization System, Site No. C224177, Operation, Maintenance and Monitoring Plan. John V. Soderberg, P.E. on behalf of 135 Kent Avenue Management Corp., October 2015.

[3] Soderberg, J.V. 2016. Former Cleaners Sales & Equipment Corp., Sub-Slab Depressurization System Construction Completion Report, Site No. C224177, Soil Vapor Intrusion Report. John V. Soderberg, P.E. on behalf of 135 Kent Avenue Management Corp., March 2016.

1.1 SITE DESCRIPTION

The Site is located in a special mixed-use district in the Williamsburg section of the Borough of Brooklyn (Figure 1). The Site is bounded to the northeast by North 6th Street, to the southeast and to the southwest by mixed commercial and residential buildings, and to the northwest by Kent Avenue. The adjoining property to the south, located at 149 Kent Avenue, Brooklyn, New York, received a Certificate of Completion under the NYSDEC BCP (Site No. C224159).

The Site comprises of one tax lot identified on the NYC tax map as Block 2333, Lot 5, and is currently zoned as M1-2/R6A (mixed-use residential) and is located in a special mixed-use district (MX-8). The entire lot is developed with a two-story mixed-use (commercial/residential) building with 100 feet of street frontage along Kent Avenue and 125 feet of street frontage along N. 6th Street. Figure 2 presents a Site plan with the first-floor building layout as it existed at the time of the 2025 annual monitoring inspection. The first-floor of the building was previously divided into individual commercial tenant spaces and storage areas in October 2023. Since then, the non-structural walls on the first-floor were demolished, except for the walls surrounding the stairwells and the trash storage room, which temporarily stored the SSDS blower and activated carbon drums through March 2025, then this equipment was relocated to the rooftop. An out-of-commission elevator shaft is located in the southeastern portion of the building. The riser pipe associated with the active SSDS extends vertically through the elevator shaft and vents above the elevator bulkhead. A partial cellar measuring approximately 20 ft by 10 ft, exists beneath the northernmost corner of the first-floor. However, the partial cellar has been abandoned and has been paved over with an 8-inch layer of reinforced concrete on top of structural sub-flooring. The second-floor contains ten (10) residential apartments. Six (6) of the apartments (units C-4, C-5, C-7, C-8, C-9/10 & C-11) are currently occupied and four (4) apartments (units C-1, C-2, C-3 & C-6) are currently vacant. The layout of the second floor is shown in the attached Figure 3.

1.2 PURPOSE OF THIS REPORT

This report has been prepared in conformance with the annual certification requirements outlined in the Site OM&M plan and CCR. The report is organized as follows:

- Introduction—Presents a description of the property and the purpose of the report.
- Engineering Controls—Presents a summary of the engineering controls (ECs) installed at the property, the modifications or enhancements made to the ECs, if any, and an evaluation of the ECs and monitoring plan.
- Site Inspections and IRM Repairs—Presents a summary of monthly monitoring, the results of annual inspections, and a discussion of maintenance and repairs performed on the ECs, if any.
- Conclusions and Recommendations.

- Certification—Presents the signature and seal of the remedial engineer to certify that the engineering controls are in place, are performing properly, and remain effective.

2.0 ENGINEERING CONTROLS

This section presents a summary of the ECs installed at the property, the modifications or enhancements made to the ECs, if any, and an evaluation of the ECs and the monitoring plan.

2.1 SUMMARY OF ENGINEERING CONTROLS

The Site currently has three (3) ECs, as described in the following subsections:

- Active SSDS - An active SSDS intended to create negative pressure across the building's slab-on-grade foundation (negative differential pressure below the slab). The SSDS is currently monitored on a monthly schedule.
- Air Filtration Units - Air filtration units on the first and second floor of the building, inside and outside residential tenant spaces. These were initially installed in 2014 as a temporary solution to address potential indoor air quality impacts as the result of soil vapor intrusion prior to installation of the SSDS. However, the air filtration units have continued to operate during the operation of the active SSDS and are therefore considered an EC. The air filtration units require annual evaluation and maintenance.
- Composite Cover System - The building includes a concrete slab-on-grade foundation and an abandoned partial cellar foundation. The composite cover system prevents contact with underlying soil and acts as a barrier to trap sub-slab vapor phase contaminants, allowing capture by the active SSDS. The composite cover system is inspected on a monthly schedule, and any required repairs or modifications are reported to NYSDEC.

2.1.1 ACTIVE SSDS

The Site's active SSDS was installed on June 20, 2014, as an IRM.[4] A 3-horsepower Rotron Model EN656M72XL regenerative blower provides the vacuum for the system. SSDS modifications were completed in March 2025, and included the relocation of SSDS pits, V-3, V-4 and V-5, as well as the addition of SSDS pit, V-7. The seven (7) vertical vacuum wells (suction points) were installed to a depth of 4-5 ft below the existing concrete floor and are indicated as locations V-1 through V-7 on (shown on Figure 2). The wells are connected via SCH40 PVC piping to the blower and two (2) 55-gallon capacity vapor phase carbon treatment units in a noise attenuating SSDS enclosure, located on the southern portion of the rooftop level (shown in Figure 4). The blower exhaust is routed to an exhaust vent located on the northeast portion of the SSDS enclosure. Ten (10) sub-slab vacuum monitoring points (VMPs) were installed in 2014 for the measurement of sub-slab differential pressures across the building's footprint. Several VMP locations have been reinstalled since 2014. All ten VMPs were reinstalled most recently in

January 2025. The VMP locations observed during the January 28, 2026, annual inspection, are indicated as PV-1RR through PV-11RRR, and are shown in Figure 2.

The OM&M Plan, dated October 2015, provides details regarding SSDS monitoring and maintenance procedures.[5] Monthly monitoring and maintenance activities are documented in progress reports submitted to NYSDEC. Differential pressure is recorded from the VMPs, and airflow velocity is measured from suction points on the vacuum well risers on a monthly basis. Monthly progress reports submitted through November 2016 by John Soderberg, P.E., indicated that the SSDS was fully operational during that period. Integral began submitting monthly progress reports in January 2017 and continued to do so through November 2024. Rock Enviro began submitting monthly reports in December 2024 and has submitted monthly reports for the 2025 year between February 27, 2025 (for January 2025) and January 8, 2026 (for December 2025). All monthly reports are provided in the attached Appendix A. This annual report summarizes SSDS modifications and monthly monitoring data collected throughout 2025.

[4] Soderberg (2015). *See* fn. 2.

[5] Soderberg (2015). *See* fn. 2.

The SSDS was installed with a Sensaphone 400 alarm system that is directly connected to a telephone line. The Sensaphone 400 is designed to call user-identified Site contacts in the event the SSDS is not operational, and this alarm has proven to be functional in the past. During the 2020 SSDS monitoring events, Integral noted ongoing issues with the Verizon phone line for the Sensaphone system. The 135 Kent LLC building management restored the telephone line connection in 2021, and the Sensaphone 400 alarm system has since been continuously functional. Integral periodically replaced the Sensaphone 400 batteries and reprogramed it to notify local Integral staff in the event the SSDS was not running. Rock Enviro inspected the alarm system during the January 28, 2026, annual inspection and found it operational and in good condition. The alarm was reprogrammed in January 2025 during the annual inspection to notify Rock Enviro staff if triggered.

Though it was installed as an IRM, the active SSDS is considered a permanent engineering control. Operation of the active SSDS will not be discontinued without prior written approval of NYSDEC. If monitoring data indicates that the SSDS is no longer required, a proposal to discontinue operation of the SSDS will be submitted to NYSDEC and the New York State Department of Health (NYSDOH).

2.1.2 AIR FILTRATION UNITS

AirPura model C600 and R600 air filtration units were installed at the Site building between January and April 2014 as a temporary solution to address indoor soil vapor intrusion prior to installation of the SSDS. Air filtration units were installed on the first floor in the commercial retail spaces and in the rear hallway by the elevator shaft. Two (2) air filtration units were installed in the second-floor hallways, one at each end of the common hallway, and two units were installed in each second-floor apartment unit. The air filtration units continued to operate after installation of the SSDS in June 2014, and an additional air

filtration unit was added to the second-floor hallway in 2018. The air filtration units contain high-efficiency particulate air (HEPA) and carbon filters. These filters require periodic change out and are routinely monitored in conjunction with other maintenance activities. Replacement air filters have additionally been installed when monthly inspections reveal that one or more air filters were damaged or missing.

Modifications were made to the air filtration units in 2020, when units required replacement in several commercial and residential spaces, and the AirPura R600 and C600 units were not available. On July 15, 2020, NYSDEC approved the use of the AustinAir Healthmate HM400, which uses HEPA and carbon filters. Eight (8) AustinAir Healthmate HM400 units were subsequently installed at the Site.

During the January 28, 2026, annual inspection, four (4) air filtration units (including three (3) R600 and one (1) C600) were observed on the first floor of the building. Additionally, six (6) air filtration units (one Austin and five R600 units) were present on the second-floor hallway. One R600 air filtration unit was present in each of the vacant apartments (units C-1, C-2, C-3 and C-6). Three (3) air filtration units were present in occupied unit C-4 (two R600s and one C600). Three (3) air filtration units were present in occupied unit C-5 (two R600s and one Austin). Two (2) air filtration units were present in occupied unit C-7 (one R600 and one C600). Two (2) air filtration units were present in occupied unit C-8 (two R600s). Four (4) air filtration units were present in occupied unit C-9/C-10 (two R600s, one C600 and one Austin). Two (2) air filtration units were present in occupied unit C-11 (two R600s). Two (2) air filtration units (R600s) were observed in the rear hallway on the first floor of the building.

Rock Enviro replaced all air filtration unit media on November 5, 2025, and conducted an inventory of air filtration units on the second floor of the building, including occupied residential apartments. The filter media replacement included changing the prefilters, filter fabric and activated carbon drums. Rock Enviro will conduct the next air filtration unit inventory during or prior to the 2026 annual inspection.

According to IRM Work Plan Addendum #1, prepared by Integral on May 20, 2024, 135 Kent LLC will improve the first floor HVAC system with inline activated carbon filters with dedicated inline centrifugal fans that will provide the same level of air processing as the existing air filtration units. The inline carbon filters specified in the Addendum consisted of Vortex Model PRO100, AC Infinity Model AC-DCF8, or equivalent units. Specification sheets for these inline carbon filters are provided in Appendix H.

After the inline carbon filters are installed within ventilation ducts and the HVAC system becomes operational, these filters will become an engineering control and replace the existing modular air filtration units on the first floor. It is anticipated that the inline filtration units will be installed during upcoming renovation work that will include HVAC duct installation and overall improvements to the building's ventilation system. 135 Kent LLC is currently working with their architect and prospective tenants of the first floor to discuss layouts of the first-floor spaces. Once the mechanical plans are finalized and approved by NYC DOB, they will be able to schedule the installation of the inline filtration units. This will likely take

place later in 2026. At this time, we estimate that it will be by November 2026. In the meantime, the existing air filtration units will remain in use uninterrupted until a suitable replacement has been installed.

2.2 MODIFICATIONS OR ENHANCEMENTS TO THE ENGINEERING CONTROLS

The following engineering control modifications were completed in 2025:

- Rock Enviro did not observe sufficient sub-slab negative pressures within the vapor monitoring point (VMP) network during the annual inspection in January 2025. This indicated an issue with the VMPs. As such, Rock Enviro installed ten (10) new VMPs in the same location as the existing VMPs on January 29, 2025.
- Between March 6 and March 7, 2025, the ramp area in the former shipping and receiving area along N. 6th Street (e.g., Slab Modification Area 2) had all concrete and a few drum volumes of soil removed. A total of twenty (20) 55-gallon drums were removed from the ramp area, including seventeen (17) containing concrete and three (3) containing soil. After removal of concrete and soil, a 3–4-inch sub-base layer of ¾-inch bluestone (ASTM5) was placed across the former ramp area followed by paving to match the surrounding slab grade. This work was completed by the end of the workday on March 7, 2025.
- From March 6 through March 7, 2025, three (3) existing SSDS pits (V-3, V-4 & V-5) were replaced with new pits installed within close proximity (within 10-20 ft) so they were in line with structural columns. These pits were relocated so that the vertical riser pipes could be installed within wall plenums during upcoming renovation work for commercial tenant spaces on the first-floor level.
- On March 7, 2025, one new SSDS pit (V-7) was installed at the northwest portion of the first-floor area to provide improved coverage in an area which had historically low to non-existent sub-slab differential pressures (e.g., VMP location, PV-6RR).
- A total of twelve (12) 55-gallon drums of concrete and soil (3 concrete and 9 soil) were filled with material generated during the installation of four (4) new SSDS pits.
- Between March 7 and March 10, 2025, the former shipping and receiving area on the north side of the Site along N. 6th Street (which has a recessed slab level approximately 12-18 inches below the slab covering the remaining first floor slab), was confirmed to have a steel plate present between two layers of concrete. As such, it was determined that the previously proposed SSDS pit location, V-8, could not be installed. Furthermore, it appeared that this area would represent a dead zone for sub-slab differential pressures. This explains why differential pressure measurements could not be obtained at vapor monitoring point, PV-6RR. Slab Modification Area 2 (the ramp area) which was recently replaced did not have a steel plate beneath it; however, because it was in such close vicinity to SSDS pit, V-3, it was not an ideal location for V-8. Based on this, it was agreed with NYSDEC to complete the SSDS modifications without the addition of SSDS pit, V-8. The subsequent monitoring data indicates that the newly installed V-3 and V-7, were

sufficient for creating a differential pressure in this area, as vacuum readings were detected at measurable levels at PV-6RRR, following the SSDS modifications.

- All slab modifications and SSDS pit relocations/installations were conducted inside enclosures consisting of wood framing, double layered poly sheeting, with airlock entrances with overlapping layers of poly sheeting. The enclosures were connected to ducts connected to negative air machines with HEPA filters.
- Rock conducted air monitoring (CAMP) with two air monitoring stations on the first floor and a third station on the second floor during all SSDS and slab modifications.
- During the slab and SSDS modifications work, Rock requested that numerous repairs to the slab be conducted. This eliminated numerous vapor intrusion pathways and likely aided in the increased performance of the modified SSDS.
- From March 10 through March 14, 2025, the above slab piping associated with the four new SSDS pits was tied into the existing SCH40 PVC riser piping. Ball valves and airflow velocity port holes were installed in the piping just above the new SSDS pits.
- New sealable drums for soil and concrete disposal were staged in the former shipping and receiving area in a quarantined area which remained locked and secured after SSDS pit installation/slab modifications. A total of thirty-two (32) drums including twenty (20) concrete and twelve (12) soil drums were labeled hazardous waste on March 10, 2025, pending pickup by the licensed disposal transporter.
- An EPA ID was updated on March 24, 2025. Rock had initially requested a new EPA ID; however, because this Site already had an existing EPA ID Number, the request was withdrawn, and the existing ID number record was updated. US EPA Region 2 advised Rock to continue using Handler ID NYR000113480 for all waste generated during work at the Site. After confirmation of an EPA ID number, Rock coordinated disposal facility pick-up with Veolia ES Technical Solutions.
- On March 14, 2025, the SSDS equipment (e.g., blower, carbon drums, etc) were relocated from a room on the south side of the first floor to a low sound enclosure on the southern portion of the rooftop. This required a new electrical service connection, and the activated carbon was replaced in the two drums. The system was reactivated by the end of the day with the system only being non-operational for approximately 8 hours.
- A total of thirty-two (32) drums including twenty (20) drums of hazardous concrete chunks and twelve (12) drums of hazardous soil were picked up from the Site on April 9, 2025. All hazardous materials were removed under Generator ID Number NYR000113480. This is the same number originally assigned to the Cleaners Sales & Equipment Corp Site. All thirty-two (32) drums were removed under Manifest Tracking number 002086074 by Veolia ES Technical Solutions.

3.0 SITE INSPECTIONS AND REPAIRS

This section presents a summary of monthly monitoring information, indoor air sampling results, and a discussion of maintenance and repairs made to the ECs between August 31, 2021, and December 30, 2025.

3.1 MONTHLY MONITORING

Site ECs are observed monthly. Observations made by Integral and Rock during August 31, 2021–December 30, 2024, monthly monitoring generally indicate the Site SSDS, and air filtration units were operating without issue. Monthly monitoring was conducted by Rock between January 30, 2025, and December 30, 2025, for the year 2025. An overview of the monthly monitoring data is provided below.

3.1.1 SSDS MONITORING SUMMARY

Differential pressure measurements from VMPs and airflow velocity measurements from velocity ports located in the riser piping above SSDS suction pits (V-1 through V-6) were collected as part of monthly monitoring activities from August 2021 through February 2025. These measurements were also collected during monthly inspections between March and December 2025; however, these inspections included the relocated SSDS pits V-3, V-3 & V-5 as well as the new SSDS pit, V-7. Table 1 presents airflow velocity measurements, Table 2 contains differential pressure measurements, and Table 3 contains pressure readings collected from the gauges located before, between, and after the SSDS carbon treatment drums. The compiled monthly monitoring reports for 2025 are provided as Appendix A.

3.1.1.1 AIRFLOW VELOCITY MEASUREMENTS

August 2021 – November 2024 SSDS airflow velocity measurements collected by Integral were generally consistent at each suction point, and overall, they ranged from 764 to 2,576 feet per minute. Rock Enviro took over monthly monitoring in December 2024 and noted a decrease in airflow velocity measurements. The higher airflow/velocity readings collected by Integral appear to be the result of ambient air being pulled into the system piping through the monitoring port hole. Rock Enviro recorded airflow velocity data after creating a seal around the port hole to obtain accurate measurements. Creating a seal around the port hole results in accurate airflow velocity measurements within the piping system. Rock Enviro collected airflow velocity measurements using factory calibrated anemometers (Model STA2 Hot-Wire Anemometer manufactured by Fieldpiece). During the 2025 monthly monitoring events, Rock Enviro noted airflow velocity measurements from 803 to 1,804 feet per minute. The calculated air flow rate ranged from 13 to 28 cubic feet per minute (cfm) from the suction points with a total SSDS flow rate of 137 to 164 cfm. The airflow velocity data indicates that the SSDS is operating with sufficient airflow in the riser piping. Airflow velocity data from August 31, 2021, through December 30, 2026, is provided in Table 1 and trend lines are shown in a chart in Figure 5.

3.1.1.2 DIFFERENTIAL PRESSURE MEASUREMENTS

August 2021–December 2024 VMP data collected generally indicated the SSDS maintained a negative differential pressure (meaning lower pressure below the slab) in the sub-slab at the Site. However, during the prior annual inspection on January 22, 2025, very low to non-existent differential pressures were measured at all nine existing monitoring points. As such, Rock Enviro installed ten (10) new VMPs in the same location as the existing VMPs on January 29, 2025. Rock Enviro returned to the Site on January 30, 2025, and confirmed that eight (8) of the ten (10) new VMPs had measurable differential pressures ranging from -0.012 to -0.130 in WC. However, no measurable differential pressures were detected at VMPs, PV-5RR and PV-6RRR. After the SSDS modifications were completed in March 2025, differential pressures were detected at PV-5RR and PV-6RRR. Differential pressures at PV-5RR and PV-6RRR ranged between -0.004 and -0.010 in WC during the April through December 2025 monthly inspections. The VMP replacement conducted in January 2025 is summarized below:

- Rock Enviro replaced all ten VMPs (including PV-6RR) within close proximity (1-2 feet) to the non-functioning VMPs on January 29, 2025. The new VMPs consisted of Vapor Pin Model FLX-VP stainless steel, barbed implants which were flush-mount installed within the building's slab-on-grade foundation. The Vapor Pin VMPs were installed by drilling 5/8" diameter holes into the slab using a rotary hammer drill. The drill bit was inserted to a depth of approximately 1-inch below the bottom of the slab at each location. The holes were widened at the surface using a 1 ½-inch diameter drill bit that was installed to a depth of 1 ¾ to 2-inches below the top of the slab. After removing the drill bit, the holes were cleared of dust/debris using a stainless-steel bottle brush and the dust/debris was removed from the holes and surrounding area using a wet/dry HEPA vacuum. The FLX-VP Vapor Pin sampling devices and Vapor Pin sleeves were then installed within the drilled holes using a designated installation/extraction tool and dead blow hammer. Silicon sleeves were installed around the bottom 2 barbs of the Vapor Pins to ensure a vapor-tight fitting. Protective caps were then placed over each Vapor Pin to prevent vapor loss. Finally, flush-mount stainless-steel covers were installed and secured to each VMP location. The former VMP locations were sealed overusing a VOC free non-shrink grout. Rock Enviro waited 24-hours before monitoring to allow sub-slab soil gas conditions to re-equilibrate. The VMP replacement is considered an OM&M task. Product specifications and the Standard Operating Procedure (SOP) for Vapor Pin installation are provided in Appendix I.
- Rock Enviro continued to monitor VMPs monthly and confirmed differential pressures at all VMP locations including PV-5RR and PV-6RRR after one additional SSDS pit (V-7) was installed and three SSDS pits (V-3, V-4 & V-5) were relocated.

3.1.1.3 SSDS DRUM PRESSURE READINGS

Pressure readings from the pre- and post-lead drum SSDS gauges, PI102 and PI103,[6] respectively, are collected during each monthly monitoring event to monitor SSDS blower function (Table 3). The SSDS gauge readings recorded from August 2021 through December 2025, were generally consistent. This was confirmed during the January 28, 2026, annual inspection conducted by Rock Enviro. Gauge PI102, located before the SSDS lead drum, had decreased pressure readings ranging from 34 to 44 inches of water column (in WC). This is lower than the prior readings from 2021 through 2024 at 43 to 46 in WC. This is assumed to have dropped as a result of relocating the blower to the rooftop location. Gauge PI103 (after lead drum) had pressure readings ranging from 32 to 36 in WC. Gauge PI104, located on the lag side of the carbon drums has consistently measured pressure readings of 18 to 20 in WC.

[6] Gauge "101" does not presently exist. This number is reserved for a future vacuum indicator, if installed.

3.1.2 AIR FILTRATION UNITS

Air filtration units on the first floor and in the residential hallways are inspected during the monthly monitoring events. Tables 4A, 4B and 5 present a summary of building air filtration units as noted during spring 2022, February 2024 and November 2025 maintenance events. Information regarding air filtration unit maintenance is provided in Section 3.5.3, below. Rock Enviro plans to conduct an air filtration unit inventory in March 2027. Any necessary maintenance will be completed based upon the findings of the inventory and evaluation of each accessible unit.

According to IRM Work Plan Addendum #1, prepared by Integral on May 20, 2024, 135 Kent LLC will improve the first floor HVAC system with inline activated carbon filters with dedicated inline centrifugal fans that will provide the same level of air processing as the existing air filtration units. After the inline carbon filters are installed within ventilation ducts and the HVAC system becomes operational, these will replace the existing air filtration units as an engineering control on the first floor.

3.2 INDOOR AIR SAMPLING

Rock performed indoor air sampling at the Site during the 2024-2025 heating season in accordance with the NYSDEC-approved August 2021 work plan. Rock initiated the collection of the following air samples on March 24, 2025, and continued for the listed duration below:

- Four (4) indoor air samples from the vacant commercial space on the ground floor (8-hour duration)
- One (1) indoor air sample from the first-floor hallway (24-hour duration)
- Two (2) indoor air samples from the second-floor hallway (24-hour duration)
- Twelve (12) indoor air samples from second-floor residential spaces including one duplicate (24-hour duration)

- Two (2) outdoor (ambient) air samples located along the sidewalk outside the first floor (one 8-hour duration and one 24-hour duration).

The samples were picked up by Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut. The samples were reported in sample delivery group GCS91392 and were analyzed for select volatile organic compounds by U.S. Environmental Protection Agency (EPA) Methods TO-15 and TO-15 SIM (USEPA 1999). Seven compounds were analyzed by EPA Method TO-15 SIM to meet a laboratory reporting limit (RL) of 0.20 µg/m^3 or less: 1,1,1-trichloroethane, 1,1- dichloroethene, carbon tetrachloride, *cis*-1,2-dichloroethene, PCE, trichloroethene, and vinyl chloride. The analytical laboratory report is provided as Appendix B, and the data usability summary report (DUSR) is provided as Appendix C.

Table 6 presents the air sample analytical data alongside the New York State Department of Health air guideline values (AGVs). All results from the March 24, 2025, sampling event were below AGVs. During prior annual air sampling events in March 2018 through March 2023, one result exceeded an AGV: the PCE concentration in cellar sample was 37.2 µg/m^3 and exceeded the AGV of 30 µg/m^3. Air samples collected from the cellar during the March 2018 and March 2022 sampling events also exceeded the AGV for PCE, with PCE concentrations of 73.2 µg/m^3 and 47.7 µg/m^3, respectively. The cellar is not an occupied space and was used solely for access to utilities. The partial cellar level has since been abandoned and sealed over with an 8-inch reinforced concrete slab.

The results of the 2025 Annual Indoor Air Sampling event, conducted by Rock on March 24, 2025, indicate that there are detectable levels of petroleum-related VOCs (PVOCs) and chlorinated VOCs (CVOCs) in indoor air below AGVs. Indoor air sample results are summarized as follows:

- PCE was detected in all five samples collected from the vacant commercial space on the ground floor and hallway, with a maximum concentration of 5.06 µg/m^3, and TCE was detected in one of the five samples from the ground floor at a concentration of 0.34 µg/m^3. Total PVOCs ranged from 61.39 µg/m^3 to 77.09 µg/m^3 and total CVOCs ranged from 3.62 µg/m^3 to 5.54 µg/m^3
- PCE was detected in all four samples collected from the vacant residential spaces (C-1, C-2, C-3 & C-6) on the second floor at a maximum concentration of 5.14 µg/m^3, and TCE was not detected. Total PVOCs ranged from 21.58 µg/m^3 to 35.11 µg/m^3 and total CVOCs ranged from 3.71 µg/m^3 to 5.62 µg/m^3
- PCE was detected in all eight samples collected from the occupied residential spaces (C-4, C-5, C-6, C-7, C-8, C-9/C-10 & C-11) on the second floor (C-4 at a maximum concentration of 8.41 µg/m^3, and TCE was not detected). Total PVOCs ranged from 21.85 µg/m^3 to 43.12 µg/m^3 and total CVOCs ranged from 3.14 µg/m^3 to 8.88 µg/m^3

Six (6) tenant notification letters were provided to the occupants of the residential spaces on the second floor. Rock prepared the letters and 135 Kent LLC mailed them to the tenants of units C-4, C-5, C-7, C-8, C-9/10 & C-11, at least 10 days prior to conducting the indoor air sampling. Additional notification letters

summarizing the results of the vacant apartments on the second floor as well as the vacant first floor commercial space were submitted to 135 Kent LLC. The compiled tenant notification letters providing the results of the 2025 indoor air sampling event are provided as Appendix D.

Rock Enviro collected indoor air samples in March 2026, for the 2025-2026 heating season. The results of this sampling will be summarized in the 2026 Annual PRR. Tenant notification letters summarizing this data will be prepared in April 2026.

[7] Integral. 2021. Indoor Air Sampling Work Plan, Former Cleaner Sales and Equipment Corp. Site, 135 Kent Avenue, Brooklyn. Integral Engineering, P.C., on behalf of 135 Kent Avenue Management Corp. August.

[8] Integral. 2022. Remedial Investigation Phase 1 Report, Former Cleaner Sales and Equipment Corp. Site, 135 Kent Avenue, Brooklyn. Integral Engineering, P.C., on behalf of 135 Kent LLC. October.

3.4 ANNUAL INSPECTIONS

Integral performed annual inspections of the Site ECs on December 8, 2022, and December 27, 2023. However, Rock Enviro took over the project in December 2024 and performed the last monthly inspection for the year on December 30, 2024, and prepared the 2024 Annual Periodic Review Report (PRR). Rock Enviro continued monthly monitoring and reporting throughout 2025 and conducted the year-end annual inspection on January 28, 2026, with a follow up inspection on March 12, 2026. The annual inspections included collection of differential pressure measurements from the VMPs, collection of airflow velocity measurements and valve positions for the SSDS suction points, collection of SSDS pressure gauge readings, review of SSDS connections and piping including the rooftop exhaust stacks, and observations as to the location and operation of accessible air filtration units. SSDS measurements from the inspection events are presented in Tables 1 through 3. Photographs from the annual inspections are provided in Appendix E. The differential pressure and airflow velocity data collected during the annual inspections were comparable to those collected at the Site during the monthly monitoring events. Based on observations and measurements collected during the January 28, 2026, annual inspection, the ECs were functioning as designed. The ten VMPs which Rock installed on January 29, 2025, as well as the magnehelic gauges Rock installed between April and May 2025, were in working order. Rock adjusted the ball valves to equalize the vacuum induced at each suction pit. Rock returned to the site for a follow up inspection on March 12, 2026, and made further adjustments to the ball valves.

Rock also inspected the two weep holes installed in pitched riser piping between SSDS pits V-1 and V-2 to determine if water was accumulating in the system piping. Liquids had been accumulating in system piping between SSDS pits V-1 and V-2 circa December 2024 through January 2025. However, no liquids have been detected since. This was confirmed during the January 28, 2026, and March 12, 2026, annual inspections.

3.5 ENGINEERING CONTROL MAINTENANCE AND REPAIRS

The Site monitoring data for the SSDS and air filtration units are reviewed monthly to identify the need for maintenance and/or repairs. The 135 Kent LLC building management was previously in regular communication with Integral prior to December 2024 regarding building activities and would contact Integral when issues were noted with the SSDS. Rock Enviro took over as the environmental consultant in December 2024, and Matrix took over as the remedial engineer. Since December 17, 2024, 135 Kent LLC has been in contact with Rock Enviro and Matrix regarding building activities and any activities related to onsite ECs, IRMs, monthly inspections, indoor air quality testing, ECMs, and upcoming renovations. The sections below provide additional details regarding EC maintenance and repairs performed from August 2021 through December 2025.

3.5.1 SLAB OPENING (NOVEMBER 2021)

The 135 Kent LLC building management repaired wastewater lines within the first-floor slab-on-grade foundation October 12, 2021. Representatives for 135 Kent LLC documented hallway slab repairs and provided photographs to NYSDEC on October 13, 2021.

Integral performed monthly SSDS monitoring and reviewed slab repairs on October 18, 2021. The SSDS and alarm system were operating, and SSDS monitoring data was consistent with prior monitoring events. Integral noted that VMP PV-2R, located to the left of the hallway bathroom entrance, was covered during the slab repair. Integral notified 135 Kent LLC of the need to repair minor cracks observed in the center hallway slab and coordinated installation of a VMP to replace PV-2R.

Integral observed installation of replacement VMP PV-2RR on November 11, 2021, and collected a pressure reading from PV-2RR of -0.408 in. WC several hours after installation, indicating vacuum beneath the slab at this location. Differential pressure readings at VMP PV-2RR have ranged from -0.399 to -0.429 in. WC since the VMP was reinstalled (Table 2); these readings are several orders magnitude greater pressure than those observed at the previous VMP and reflect a better connection to sub-slab conditions.

Memoranda documenting the slab repairs and the VMP, PV-2RR, installation were submitted to NYSDEC, with the final document dated December 16, 2022 (attached as Appendix F).

3.5.2 VAPOR MONITORING POINT REPLACEMENT (JANUARY 2025)

Very low to non-existent differential pressures were measured at all nine existing vapor monitoring points (VMPs) during the January 22, 2025, annual inspection. As such, Rock Enviro replaced ten monitoring points (including PV6-RR which was recently paved over) as a general operations monitoring and maintenance (OM&M) task. This work was completed on January 29, 2025. Rock Enviro returned to the Site for the monthly inspection on January 30, 2025, and confirmed that eight (8) of the ten (10) new VMPs had measurable differential pressures ranging from -0.012 to -0.130 in WC. VMPs, PV-5R and PV-6RR, still had non-detectable differential pressure readings. Rock Enviro continued to monitor VMPs on a monthly basis and after the SSDS modifications, differential pressures were detected at PV-5RR and PV-

6RRR. The differential pressures at PV-5RR and PV-6RRR ranged from -0.004 to -0.010 in WC in the months following the SSDS modifications.

3.5.3 SSDS & SLAB MODIFICATIONS (MARCH 2025)

SSDS pit installation and slab modification work was completed in accordance with the Interim Remedial Measures Modifications Work Plan (IRMMWP), prepared by Integral Engineering, PC, dated May 20, 2024, and the Engineering Control Modification Work Plan (ECMWP), prepared by Integral Engineering, PC, dated August 6, 2024.

Between March 6 and March 7, 2025, the ramp area in the former shipping and receiving area along N. 6th Street (e.g., Slab Modification Area 2) had all concrete and some underlying soil removed. A total of seventeen (17) drums of hazardous concrete waste and three (3) drums of hazardous soil generated during the slab modification work in the ramp area. After removal, a 3–4-inch sub-base layer of ¾-inch bluestone (ASTM5) was placed across the former ramp area, and it was paved to match the surrounding slab grade across the recessed slab area. This work was completed by the end of the workday on March 7, 2025.

From March 6 through March 7, 2025, three (3) existing SSDS pits (V-3, V-4 & V-5) were replaced with new pits installed within close proximity (within 10-20 ft) so they were in line with structural columns. These pits were relocated so that the vertical riser pipes could be installed within wall plenums during upcoming renovation work for commercial tenant spaces on the first-floor level. On March 7, 2025, one (1) new SSDS pit (V-7) was installed at the northwest portion of the first-floor area to provide improved coverage in an area which had historically low to non-existent sub-slab differential pressures. A total of twelve (12) 55-gallon drums of concrete and soil (3 concrete and 9 soil) were filled with material generated during the SSDS pit installation.

Between March 7, and March 10, 2025, the former shipping and receiving area (which has a recessed slab level approximately 12-18 inches below the slab across the remaining first floor slab), was confirmed to have a steel plate present between two layers of concrete. As such, it was determined that the eighth proposed SSDS pit location, V-8, could not be installed and V-8 was omitted from the scope of SSDS modifications.

Thirty-two (32) 55-gallon capacity drums containing hazardous concrete and soil waste (including 20 concrete and 12 soil) which were filled during the ramp area removal and SSDS pit installation, were properly labeled as hazardous waste removed under Generator ID Number NYR000113480 under Manifest Tracking number 002086074 by Veolia ES Technical Solutions.

All slab modifications and SSDS pit relocations/installations were conducted inside enclosures consisting of wood framing, double layered poly sheeting, with airlock entrances with overlapping sheets of poly sheeting. The enclosures were connected to ducts that lead to negative air machines with HEPA filters. Additionally, air monitoring (CAMP) was conducted during all slab work with two air monitoring stations

on the first floor and a second station on the third floor during all SSDS modifications and slab modifications.

A Post SSDS/Slab Modifications Inspection Site Inspection was conducted with the NYSDEC Project Manager, Wendy Zheng, the remedial engineer, Sean R. Carter, P.E. with Matrix Environmental Engineers, PLLC, and environmental consultants, Robert M. Bennett and Jason Gellati with Rock Enviro, LLC on April 24, 2025. The inspection included a full inspection of the entire building and rooftop (excluding residential spaces on the second floor). Airflow/velocity measurements and sub-slab differential pressure measurements were demonstrated with NYSDEC in attendance to show an improved sub-slab vacuum had been achieved between the SSDS pit replacement and slab repairs. Full functionality of the modified system was demonstrated and the noise attenuation at the SSDS enclosure was observed, inside and outside the building.

The existing SSDS Construction Completion Report (CCR) (Soil Vapor Intrusion Report) dated February 2014 and the Operation, Maintenance and Monitoring (OM&M) plan dated October 2015 will be updated in 2026 to document the SSDS modifications completed at the Site in 2025.

3.5.4 REPAIR TO SSDS SUCTION WELL V-1 (SEPTEMBER 2023)

On September 5, 2023, building management for 135 Kent LLC notified Integral that there was a visible crack in the PVC piping for SSDS vertical well V-1, near the base of the PVC piping and cement floor, and 135 Kent LLC repaired it the same day. It is unknown how that damage occurred. The rear hallway is accessible only to building management and residential tenants, and not to commercial tenants on the first floor. No work was being performed by the building management in the rear hallway. With direction from Integral, the vertical pipe was repaired by 135 Kent LLC on September 5, 2023, by replacing the cracked section of PVC with new PVC pipe and sealing the connections with PVC primer and glue.

Integral inspected the repair to the vertical well on September 7, 2023, and observed no signs of leakage (visually or audibly). The cement where the pipe was reconnected was patched and no cracks were observed. Airflow through the V-1 vertical well was measured at 2,379 ft/min, consistent with previous readings from this well (typically between 2,000 and 2,500 ft/min). Pressure readings from the SSDS vapor monitoring points nearest to that piping connection both showed negative pressure, and the readings were consistent with previous readings at the site. No issues were reported with this vertical well in the subsequent months of monitoring.

Rock Enviro did not observe any damage to system piping during monthly inspections conducted throughout 2025, nor during the January 28, 2026, and March 12, 2026, annual inspections.

3.5.5 PROPOSED TRENCHING FOR WASTEWATER LINE INSTALLATION

On December 31, 2025, Rock Enviro prepared a letter to notify the NYSDEC of the Owner's intent to commence certain previously approved trenching and related slab work at the property. The proposed

work would consist of trenching across the vacant commercial space located on the first floor of the building. The trenches will be cut into the first-floor slab for the installation of wastewater lines. Section 2.3.2 of the NYSDEC-approved Engineering Control Modifications Work Plan (ECMWP), dated August 6, 2024, details the proposed trenching for wastewater lines, and Section 2.3.3 details slab removal and excavation procedures associated with trenching work. This proposed trenching work will cover an estimated 2,900 square foot (SF) area across the approximate center of the first floor. The proposed trenching locations are shown in the attached Figure 7.

All waste material (concrete and soil) generated during trenching work are required to be disposed of as hazardous waste (waste code F002 for spent halogenated solvents or U210 for tetrachloroethene). All drums filled with hazardous soil and concrete from this site would be labeled as "Hazardous Waste" with EPA ID number NYR000113480. Veolia North America will provide new drums hazardous wastes disposal services with regular collections of drummed wastes. All waste would be stored in a secured area that is inaccessible to the public.

All trenching work would be conducted in containment tents with negative air machines equipped with HEPA filters to control dust and volatiles. Additionally, community air monitoring program (CAMP) would be conducted with at least two (2) CAMP stations located on the first floor of the building and one (1) CAMP station located on the second floor of the building. The trenching work would be conducted under the supervision and oversight of Rock Enviro. Daily Status Reports (DSRs) would be prepared and submitted to NYSDEC and NYSDOH documenting activities performed each day.

Enclosure construction, preparation work and the delivery of one hundred (100) sealable 55-gallon drums was conducted between January 27 and January 28, 2026, under the supervision of an environmental technician who conducted air monitoring. However, this work was postponed as the exact locations of wastewater lines and service water lines needed to be re-evaluated to meet tenant needs. The trenching work will be conducted after the locations of wastewater lines has been approved by the future tenants and confirmed by 135 Kent LLC. This work is anticipated for later in 2026.

3.5.6 AIR FILTRATION UNIT MAINTENANCE

Integral conducted air filtration unit maintenance on February 23, 2022. The 135 Kent LLC building management notified residential tenants to leave air filtration units in the second-floor hallway so that Integral and the building supervisor could perform maintenance without entering apartments. Residential tenants from apartments C-2, C-7, and C-11 did not provide their units for maintenance; Apartment C-5 residential tenants indicated the air filtration unit they had was loud and requested a new one. Integral performed follow-up air filtration unit maintenance in March and April 2022 and provided new air filtration units for several commercial spaces and Apartment C-5. Table 4A presents a summary of building air filtration units and maintenance status as recorded during spring 2022 maintenance events.

Integral performed air filtration unit maintenance and filter changeout on February 29, 2024. They cleaned the accessible units and replaced the units' carbon and pre-filter materials. One residential tenant

did not provide access to their air filtration units (also did not provide access in spring 2022); 135 Kent LLC will attempt to coordinate with this tenant to perform air filtration unit maintenance during an upcoming monthly monitoring event. Three residential tenants appear to have discarded one or both of their air filters. Integral notified 135 Kent LLC of the air filter deficiency and requested that they purchase and install new filters, as appropriate. Integral indicated a need for NYSDEC to reiterate to the residents the requirement to not discard, and to keep operating the air filters. Table 4B presents a summary of building air filtration units as recorded during the February 29, 2024, maintenance event.

Rock Enviro performed air filtration unit maintenance and replaced all air filtration unit media on November 5, 2025, and conducted an inventory of air filtration units on the second floor of the building, including occupied residential units. The filter media replacement included changing the prefilters, filter fabric and activated carbon drums. Three of the six occupied residential spaces did not provide access to their units. Instead, they left their air filtration units outside of their apartment entrance doorways. All air filtration units were able to be changed during the November 5, 2025, maintenance event, including filtration units on the first floor, all hallways, vacant units and occupied units. Table 5 presents a summary of building air filtration units as recorded during the November 5, 2025, maintenance event.

During the January 28, 2026, annual inspection, four (4) air filtration units (including three (3) R600 and one (1) C600) were observed on the first floor of the building. Two (2) air filtration units (R600s) were observed in the rear hallway on the first floor of the building. There were six (6) air filtration units (one Austin and five R600 units) on the second-floor hallway. One (1) R600 air filtration unit was present in each of the vacant apartments (units C-1, C-2, C-3 and C-6). Three (3) air filtration units were present in occupied unit C-4 (two R600s and one C600). Three (3) air filtration units were present in occupied unit C-5 (two R600s and one Austin). Two (2) air filtration units were present in occupied unit C-7 (one R600 and one C600). Two (2) air filtration units were present in occupied unit C-8 (both R600s). Four (4) air filtration units were present in occupied unit C-9/C-10 (two R600s, one C600 and one Austin). Two (2) air filtration units were present in occupied unit C-11 (both R600s). Rock Enviro will conduct the next air filtration unit inventory during or prior to the 2026 annual inspection.

Rock Enviro will scheduled the next air filtration unit maintenance and filter changeout (as needed) for 2026. A summary of the maintenance will be provided in the 2026 Annual Periodic Review Report.

3.6 EVALUATION OF THE ENGINEERING CONTROLS AND MONITORING PLAN

Based on a review of the monthly progress reports and the annual inspection, Rock Enviro concludes that, as a whole, the ECs are functioning as intended, and that the monitoring plan is effective. Rock replaced all ten (10) VMPs in January 2025, conducted the SSDS and slab modifications in March 2025 and air filtration unit media replacement in November 2025. The SSDS is generally functioning as designed and the air filtration units have been maintained and are operational. Weekly and monthly reports conducted

subsequent to the VMP replacement and SSDS and slab modifications indicate that the engineering control modifications implemented in 2025 were successful.

Upcoming Engineering Controls Modifications work includes but is not limited to the following:

- Trenching for the installation of wastewater lines (anticipated in 2026);
- Manage wastes (e.g., concrete, soil & PPE/misc. materials) derived from work that involves trenching for wastewater lines (anticipated in 2026);
- Conduct all slab penetrating work within an enclosure with negative air/filtration to prevent acute vapor intrusion conditions during trenching;
- Install concrete over completed trenches to restore the cover system;
- Conduct air monitoring (CAMP) during all intrusive work;
- Provide oversight and document all activities in daily status reports; and,
- Replacement of activated carbon in the two (2) GAC drums (anticipated in 2027);
- All other tasks specified in the IRMWP dated May 20, 2024, and Engineering Controls Modifications Work Plan dated August 6, 2024.

Rock Enviro completed the indoor air quality sampling on March 12, 2026, for the 2025-2026 heating season. The results of this sampling will be summarized in the 2026 Annual PRR. Tenant notification letters summarizing this data will be prepared in April 2026.

Rock Enviro will continue to conduct monthly inspections and submit monthly inspection reports to NYSDEC & NYSDOH. Rock Enviro will also conduct annual inspections and Annual Periodic Review Reports will be submitted to NYSDEC by March 1 following each reporting (calendar) year.

3.7 SOUND/VIBRATION MITIGATION – IRM ADDENDUM #3

Matrix prepared an IRM Addendum Letter dated January 14, 2025, which indicated that the SSDS equipment would be enclosed within a sound/vibration reducing enclosure after the equipment is relocated to the rooftop. The letter details the construction and specifications of the sound enclosure. The intention of the enclosure is to minimize nuisance sound and vibrations to allow for a habitable condition for residential tenants on the second floor of the existing building. Rock has inspected the sound enclosure on a monthly basis, since the completion of SSDS modifications in March 2025. There is no nuisance noise or detectable vibrations within the building, and there have been no complaints from the residential occupants. The IRM Addendum Letter #3 was submitted to NYSDEC on January 14, 2025, and is included in this annual report as Appendix G.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of monthly monitoring, annual inspection and indoor air sampling results, Rock Enviro concludes that the ECs are generally performing as designed. We do not recommend changes to the

monitoring plan. We propose a March 1 submittal date for the annual monitoring reports following each reporting (calendar) year.

Rock Enviro replaced all ten VMPs across the building's slab-on-grade foundation on January 29, 2025, completed the SSDS and slab modifications between March 6 and March 14, 2025, followed by weekly monitoring through April 11, 2025, and monthly monitoring thereafter. Additionally, the air filtration unit media was replaced on November 5, 2025. Trenching work for wastewater lines is pending, while we await instruction from the architect and design team. This work will commence after the exact locations of water service and wastewater lines has been confirmed by future tenants and the development/engineering and design team. This work will be conducted in compliance with the IRMWP dated May 20, 2024, and Engineering Controls Modifications Work Plan dated August 6, 2024. Rock Enviro has tentatively scheduled the next air filtration inventory/maintenance for December 2026, and the indoor air quality sampling for March 2027 for the 2026-2027 heating season. The results of the indoor air quality sampling conducted on March 12, 2026, will be reported to NYSDEC and NYSDOH in April 2026. Additionally, the existing SSDS Construction Completion Report (CCR) (Soil Vapor Intrusion Report) dated February 2014 and the Operation, Maintenance and Monitoring (OM&M) Plan dated October 2015 will be updated in 2026 to document the SSDS modifications completed at the Site in 2025. We anticipate that the CCR & OM&M plan will be updated and submitted to NYSDEC and NYSDOH in June-July 2026.

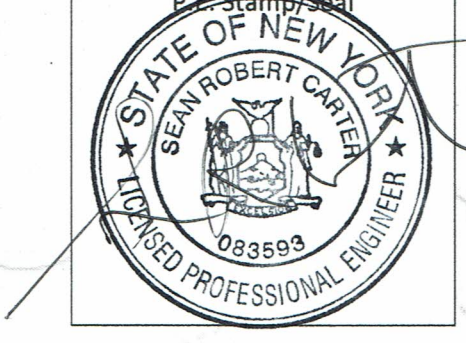
CERTIFICATION

I, Sean R. Carter, P.E., certify that I am currently a registered professional engineer licensed by the State of New York and that this Annual Inspection Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation *Technical Guidance for Site Investigation and Remediation* (DER-10) and the *Construction Completion Report* dated March 18, 2016.

I certify that all the information and statements in this certification form 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, Sean R. Carter, P.E., of Matrix Environmental Engineers, PLLC, am certifying as 135 Kent LLC's designated Site Representative.

083593	5.6.26	
NYS Professional Engineer #	Date	Signature

P.E. Stamp/Seal



170 Lee Avenue
Brooklyn, NY 11211
718.858.6655
info@rockenviro.com

FIGURES

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

N

LEGEND:

Property Boundary

Building Footprint (2-Story, S.O.G.)

NOTES

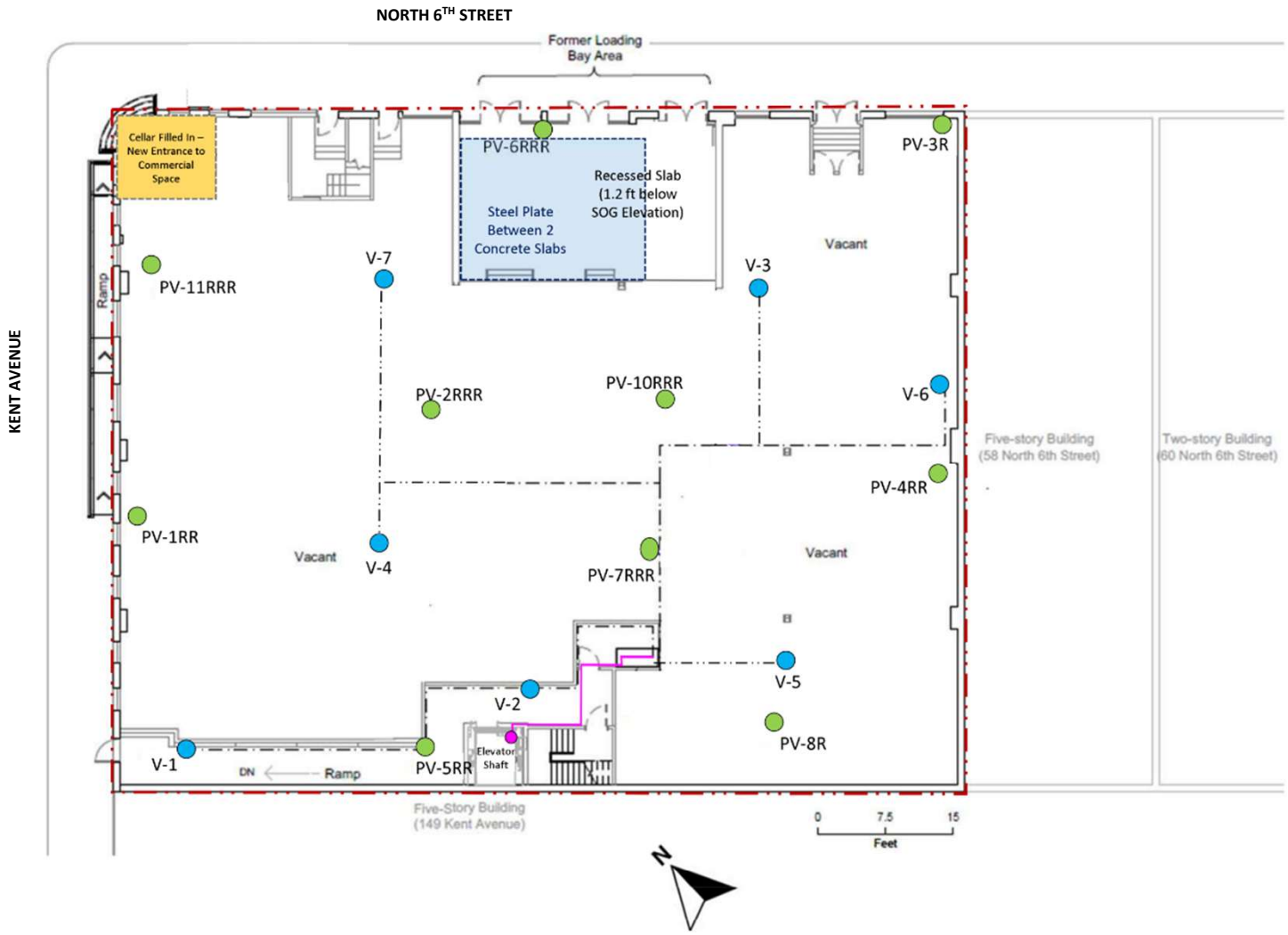
1. TAX MAP ID: BLOCK 2333, LOT 5
2. IMAGERY SOURCE: NYC FOB Property Information Portal

ROCKENVIRO

135 KENT AVENUE, BRONX, NY

FIGURE 1 - SITE LOCATION MAP

MARCH 2026



LEGEND:

- Property Boundary
- SSDS Suction Pit
- Vapor Monitoring Point
- Above-Slab System Piping between Pits (2" PVC)
- Riser Piping to Rooftop (2" PVC)
- Vertical Riser Pipe within Elevator Shaft (2" PVC)

NOTES:

1. SITE TAX MAP ID: BLOCK 2333, LOT 5

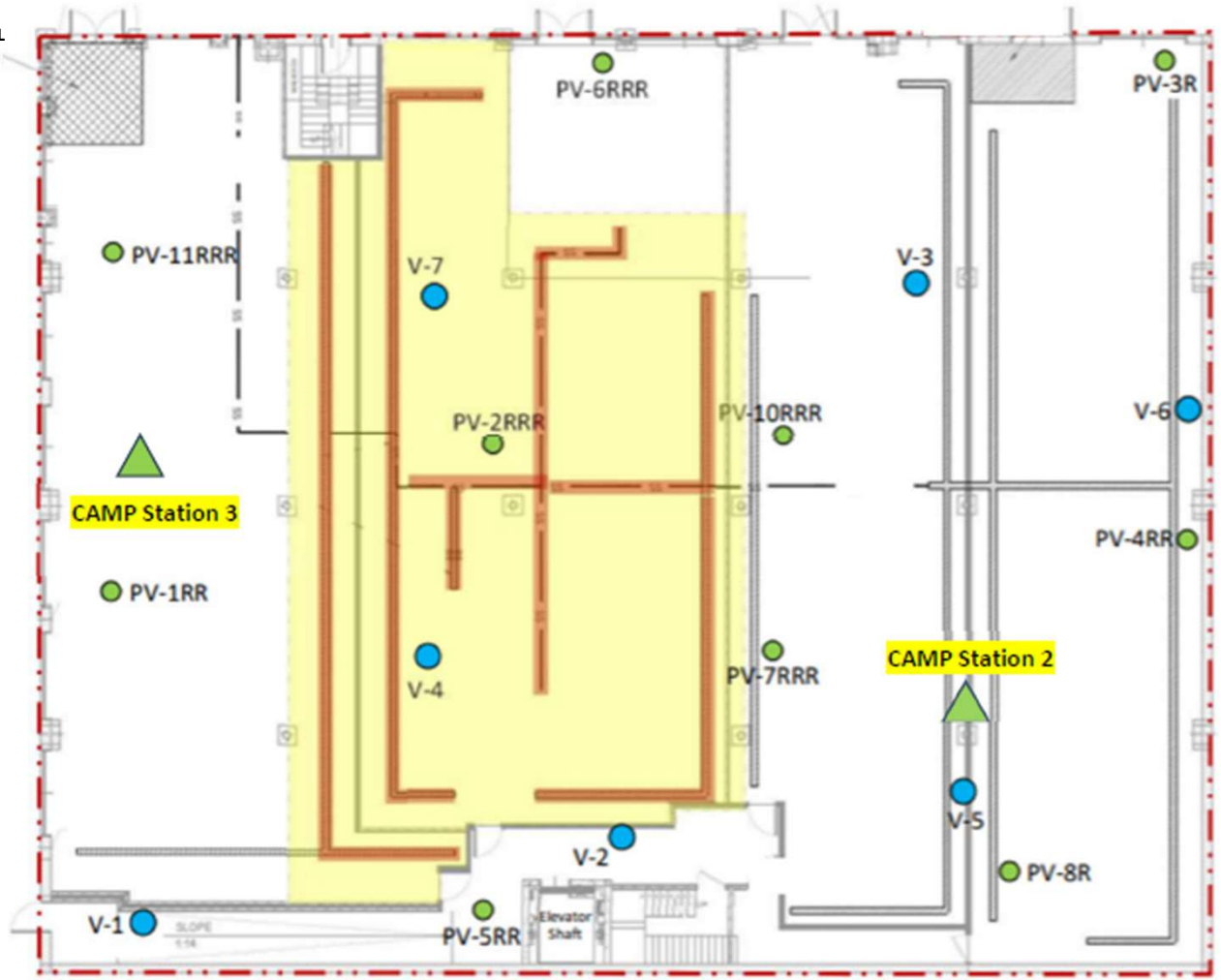
IMAGERY SOURCE: Cellar Plan, First Floor Plan and Mezzanine Plan, Sheet A-2, Franklin Estrella R.A., March 31, 2006

135 KENT AVENUE, BRONX, NY

FIGURE 2 – SITE PLAN / EXISTING SSDS LAYOUT (FIRST FLOOR & CELLAR)

ROCKENVIRO

MARCH 2026



NOTES:

1. SITE TAX MAP ID: BLOCK 2333, LOT 5

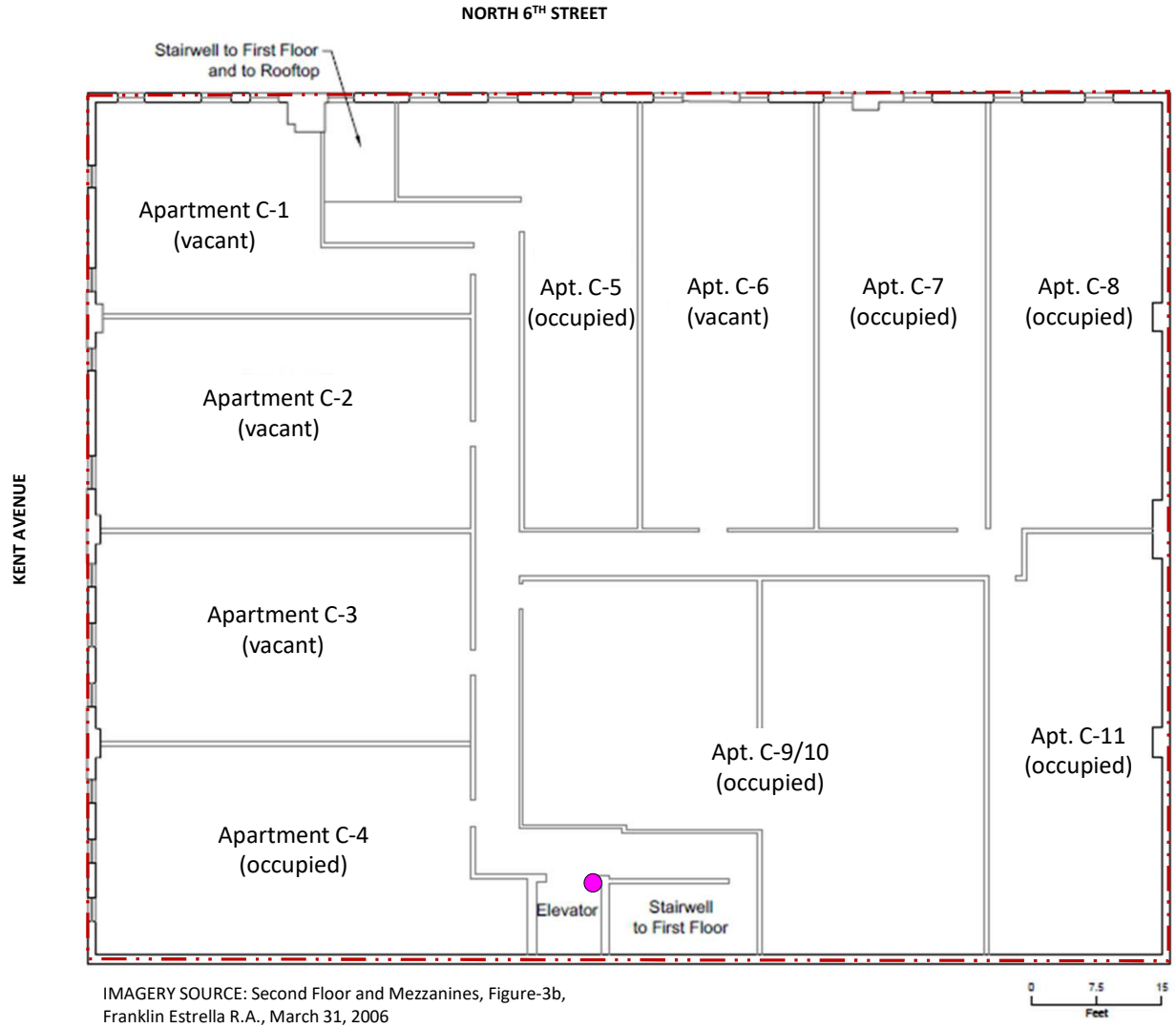
IMAGERY SOURCE: Cellar Plan, First Floor Plan and Mezzanine Plan, Sheet A-2, Franklin Estrella R.A., March 31, 2006

ROCKENVIRO

135 KENT AVENUE, BRONX, NY

FIGURE 3 – PROPOSED TRENCHING PLAN (FIRST FLOOR)

MARCH 2026



IMAGERY SOURCE: Second Floor and Mezzanines, Figure-3b, Franklin Estrella R.A., March 31, 2006

N

LEGEND:

- Property Boundary
- Vertical Riser Pipe within Elevator Shaft (2" PVC)

ROCKENVIRO

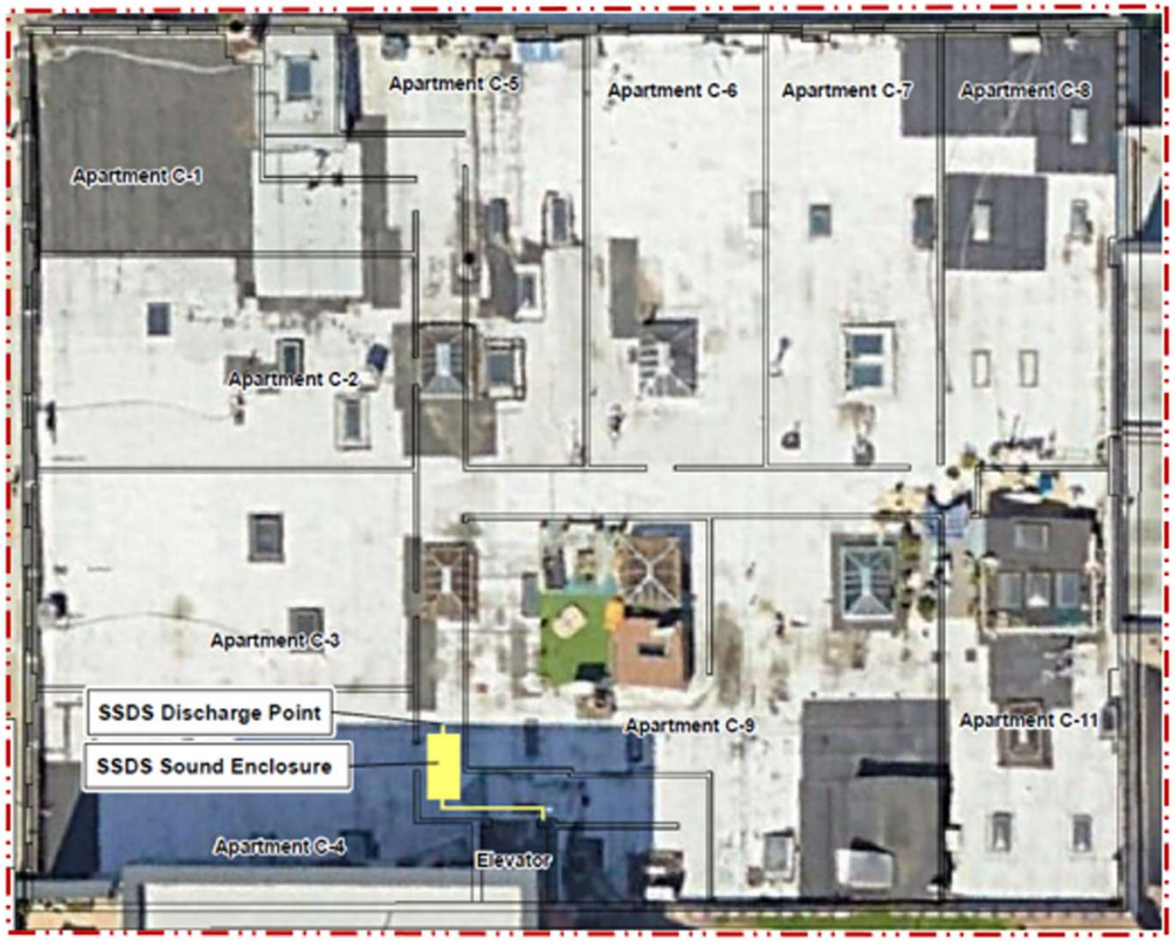
135 KENT AVENUE, BROOKLYN, NY

FIGURE 4 – SECOND FLOOR LAYOUT

MARCH 2026

NORTH 6TH STREET

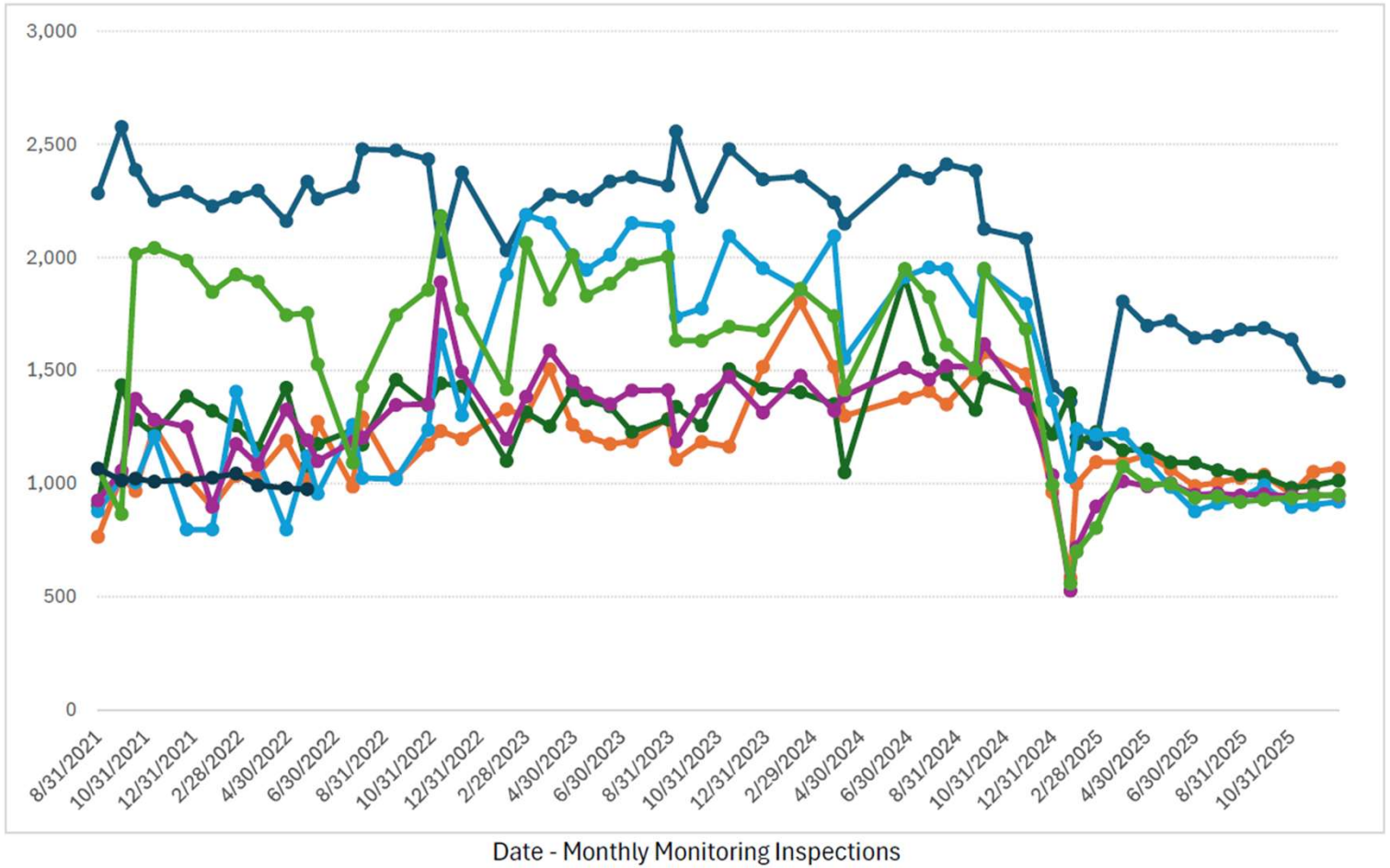
KENT AVENUE



135 KENT AVENUE, BROOKLYN, NY

FIGURE 5 – ROOFTOP LEVEL LAYOUT (SSDS RISER/EXHAUST & EQUIPMENT LOCATION)

MARCH 2026



SERIES (SSDS SUCTION PITS):

- V-1
- V-2
- V-3
- V-4
- V-5
- V-6
- V-7

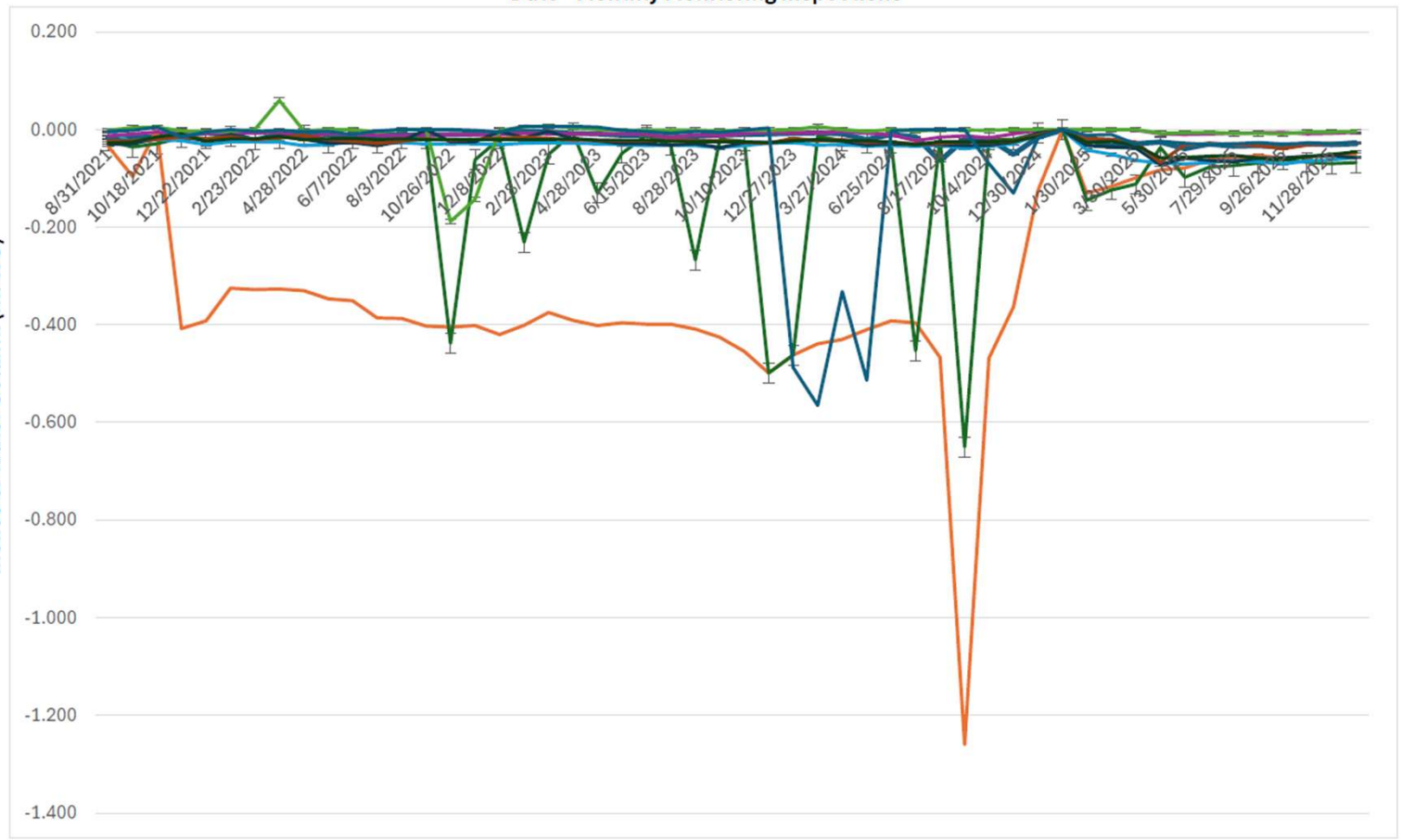
NOTES: Data from August 2021 through January 2025

135 KENT AVENUE, BROOKLYN, NY

FIGURE 6 – AIRFLOW VELOCITY MONITORING DATA (2021-2025)

ROCKENVIRO

MARCH 2026



SERIES (VAPOR MONITORING POINTS):

- PV-1R
- PV-2R/RR
- PV-3
- PV-4R
- PV-5R
- PV-6RR
- PV7RR
- PV-8
- PV-10RR
- PV-11RR

NOTES: Data from August 2021 through January 2025

ROCKENVIRO

135 KENT AVENUE, BROOKLYN, NY

FIGURE 7 – DIFFERENTIAL PRESSURE DATA (2021-2025)

MARCH 2026

TABLES

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

Table 1: SSDS Airflow Velocity Monitoring Data
August 2021 through December 2025

	Airflow Velocity (ft/min)						
Monitoring Date	**V-1**	**V-2**	**V-3**	**V-4**	**V-5**	**V-6**	**V-7**
8/31/2021	2,283	764	904	878	925	1,064	--
9/30/2021	2,576	1,032	1,435	1,021	1,057	865	--
10/18/2021	2,387	967	1,283	1,005	1,374	2,015	--
11/11/2021	2,251	1,250	1,219	1,208	1,281	2,041	--
12/22/2021	2,290	1,025	1,386	796	1,250	1,985	--
1/24/2022	2,226	895	1,321	796	898	1,847	--
2/23/2022	2,265	1,033	1,255	1,406	1,175	1,923	--
3/23/2022	2,295	1,041	1,155	1,110	1,083	1,892	--
4/28/2022	2,160	1,189	1,423	797	1,326	1,745	--
5/25/2022	2,334	1,011	1,079	1,121	1,192	1,754	--
6/7/2022	2,258	1,273	1,174	955	1,099	1,527	--
7/22/2022	2,310	986	1,235	1,259	1,183	1,092	--
8/3/2022	2,478	1,292	1,172	1,024	1,203	1,427	--
9/15/2022	2,473	1,029	1,458	1,019	1,347	1,744	--
10/26/2022	2,433	1,172	1,345	1,237	1,351	1,856	--
11/11/2022	2,023	1,232	1,442	1,658	1,889	2,182	--
12/8/2022	2,374	1,197	1,431	1,301	1,494	1,771	--
2/3/2023	2,031	1,328	1,100	1,925	1,195	1,416	--
2/28/2023	2,188	1,299	1,315	2,188	1,383	2,064	--
3/30/2023	2,277	1,505	1,253	2,153	1,588	1,813	--
4/28/2023	2,268	1,260	1,413	2,009	1,452	2,008	--
5/16/2023	2,253	1,209	1,368	1,944	1,399	1,829	--
6/15/2023	2,335	1,174	1,341	2,011	1,351	1,883	--
7/13/2023	2,355	1,186	1,228	2,151	1,411	1,968	--
8/28/2023	2,317	1,285	1,283	2,136	1,413	2,002	--
9/7/2023	2,557	1,105	1,339	1,737	1,186	1,632	--
10/10/2023	2,223	1,183	1,256	1,773	1,367	1,631	--
11/14/2023	2,478	1,162	1,505	2,094	1,471	1,693	--
12/27/2023	2,344	1,516	1,419	1,951	1,313	1,676	--
2/13/2024	2,357	1,801	1,403	1,858	1,477	1,861	--
3/27/2024	2,243	1,516	1,351	2,094	1,322	1,741	--
4/9/2024	2,148	1,298	1,049	1,552	1,386	1,415	--
6/25/2024	2,382	1,377	1,916	1,913	1,510	1,948	--
7/26/2024	2,349	1,408	1,550	1,955	1,460	1,824	--
8/17/2024	2,411	1,350	1,482	1,949	1,519	1,613	--
9/23/2024	2,383	1,487	1,325	1,760	1,513	1,501	--
10/4/2024	2,125	1,578	1,466	1,935	1,616	1,950	--
11/26/2024	2,083	1,483	1,396	1,796	1,373	1,682	--
12/30/2024	1,432	961	1,218	1,365	1,037	994	--
1/22/2025	1,363	584	1,398	1,029	526	558	--
1/30/2025	1,204	998	1,173	1,241	718	699	--
2/24/2025	1,174	1,095	1,228	1,216	898	803	--
3/30/2025	1,804	1,094	1,147	1,219	1,010	1,075	1,066
4/30/2025	1,697	1,125	1,151	1,098	988	995	1,014
5/30/2025	1,720	1,063	1,094	985	1,002	998	1,022
6/30/2025	1,644	989	1,091	876	950	937	1,008
7/29/2025	1,652	1,003	1,058	910	956	943	1,015
8/27/2025	1,680	1,024	1,037	933	947	918	1,026
9/26/2025	1,687	1,038	1,031	992	954	929	1,044
10/31/2025	1,637	954	981	896	943	937	992
11/28/2025	1,467	1051	990	905	949	946	980
12/30/2025	1,451	1067	1,012	919	945	950	974

Notes:

Monitoring data from 8/31/2021 through 11/26/2024 from Integral Monthly Reports.

Monitoring data from 12/30/2024 and 12/30/2025 collected by Rock Enviro.

SSDS Pit V-7 was added and SSDS Pits V-3, V4 & V-5 were relocated in March 2025.

Rock Enviro used a factory calibrated, Model STA2 Airflow Velocity Hot-Wire Anemometer Manufactured by Fieldpiece for airflow velocity readings.

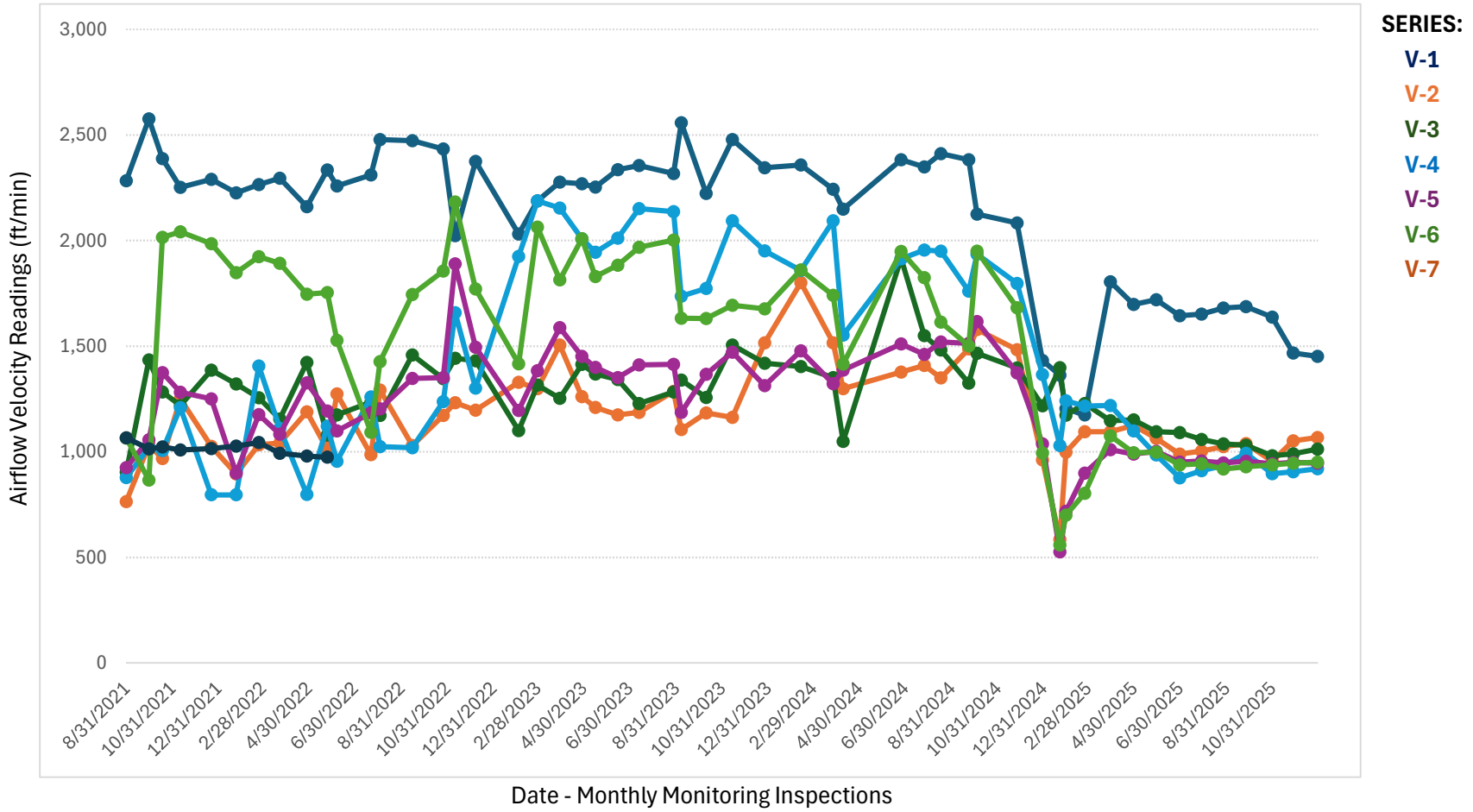

3,000
2,500
2,000
1,500
1,000
500
0
Airflow Velocity Readings (ft/min)
8/31/2021
10/31/2021
12/31/2021
2/28/2022
4/30/2022
6/30/2022
8/31/2022
10/31/2022
12/31/2022
2/28/2023
4/30/2023
6/30/2023
8/31/2023
10/31/2023
12/31/2023
2/29/2024
4/30/2024
6/30/2024
8/31/2024
10/31/2024
12/31/2024
2/28/2025
4/30/2025
6/30/2025
8/31/2025
10/31/2025
Date - Monthly Monitoring Inspections
SERIES:
V-1
V-2
V-3
V-4
V-5
V-6
V-7

Table 2: Differential Pressure Data
August 2021 through December 2025

Differential Pressure (inches of water column "in. WC")

Monitoring Date	PV-1R	PV-2R/ PV-2RR	PV-3	PV-4R	PV-5R	PV-6RR	PV-7RR	PV-8	PV-10RR	PV-11RR
8/31/2021	-0.016	-0.034	-0.024	--	-0.013	-0.002	-0.031	-0.023	-0.028	-0.004
9/30/2021	-0.015	-0.096	-0.036	-0.028	-0.009	0.004	-0.029	-0.023	-0.026	-0.002
10/18/2021	-0.015	--	-0.029	-0.020	-0.005	0.005	-0.018	-0.020	-0.015	0.005
11/11/2021	-0.012	-0.408	-0.017	-0.023	-0.008	-0.003	-0.015	-0.015	-0.009	-0.015
12/22/2021	-0.007	-0.392	-0.019	-0.031	-0.008	-0.004	-0.023	-0.019	-0.024	-0.005
1/24/2022	-0.008	-0.325	-0.013	-0.025	-0.006	-0.004	-0.010	-0.015	-0.019	0.000
2/23/2022	-0.023	-0.328	-0.020	-0.025	-0.008	0.000	-0.021	-0.021	-0.019	-0.004
3/23/2022	-0.008	-0.327	-0.018	-0.026	-0.005	0.060	-0.014	-0.017	-0.014	-0.002
4/28/2022	-0.006	-0.330	-0.012	-0.033	-0.017	-0.003	-0.020	-0.012	-0.021	-0.004
5/25/2022	-0.010	-0.347	-0.027	-0.031	-0.008	0.000	-0.028	-0.021	-0.019	-0.004
6/7/2022	-0.016	-0.351	-0.019	-0.025	-0.010	0.000	-0.027	-0.024	-0.018	-0.010
7/22/2022	-0.012	-0.386	-0.027	-0.028	-0.012	-0.005	-0.033	-0.028	-0.021	-0.003
8/3/2022	-0.012	-0.387	-0.019	-0.027	-0.013	0.000	-0.024	-0.024	-0.019	0.000
9/15/2022	-0.011	-0.403	-0.019	-0.030	-0.011	0.000	--	-0.019	-0.021	0.000
10/26/2022	-0.010	-0.405	-0.438	-0.029	-0.010	-0.188	-0.025	-0.022	-0.020	0.000
11/11/2022	-0.009	-0.402	-0.062	-0.029	-0.011	-0.143	-0.025	-0.020	-0.021	-0.002
12/8/2022	-0.008	-0.420	-0.019	-0.031	-0.010	-0.001	-0.004	-0.018	-0.021	-0.005
2/3/2023	-0.004	-0.401	-0.231	-0.028	-0.008	0.005	-0.017	-0.016	-0.021	0.007
2/28/2023	-0.005	-0.375	-0.051	-0.027	-0.009	0.007	-0.004	-0.018	-0.021	0.006
3/30/2023	-0.008	-0.391	-0.007	-0.028	-0.009	0.004	-0.019	-0.022	-0.019	0.007
4/28/2023	-0.009	-0.402	-0.130	-0.029	-0.009	0.000	-0.023	-0.022	-0.022	0.005
5/16/2023	-0.012	-0.396	-0.049	-0.031	-0.008	-0.002	-0.029	-0.023	-0.022	-0.002
6/15/2023	-0.012	-0.399	-0.012	-0.033	-0.010	-0.001	-0.029	-0.023	-0.022	-0.004
7/13/2023	-0.017	-0.399	-0.033	-0.032	-0.016	-0.001	-0.032	-0.022	-0.024	-0.008
8/28/2023	-0.014	-0.409	-0.267	-0.033	-0.011	-0.001	-0.029	-0.023	-0.025	-0.004
9/7/2023	-0.012	-0.426	-0.020	-0.037	-0.013	-0.003	-0.037	-0.023	-0.025	-0.006
10/10/2023	-0.010	-0.455	-0.024	-0.033	-0.008	-0.001	-0.027	-0.026	-0.025	-0.001
11/14/2023	-0.009	-0.499	-0.499	-0.028	-0.005	-0.001	-0.027	-0.028	-0.027	0.003
12/27/2023	-0.008	-0.462	-0.462	-0.027	-0.007	0.000	-0.023	-0.018	-0.023	-0.488
2/13/2024	-0.007	-0.439	-0.014	-0.032	-0.007	0.006	-0.022	-0.023	-0.021	-0.565
3/27/2024	-0.009	-0.430	-0.023	-0.031	-0.004	0.000	-0.024	-0.021	-0.023	-0.332
4/9/2024	-0.021	-0.410	-0.027	-0.034	-0.008	-0.004	-0.032	-0.026	-0.023	-0.514
6/25/2024	-0.010	-0.392	-0.027	-0.033	-0.011	0.000	-0.029	-0.026	-0.026	-0.003
7/26/2024	-0.015	-0.396	-0.453	-0.034	-0.023	-0.003	-0.031	-0.030	-0.031	0.000
8/17/2024	-0.064	-0.467	-0.017	-0.032	-0.016	-0.001	-0.031	-0.028	-0.025	NA
9/23/2024	-0.019	-1.260	-0.650	-0.039	-0.013	-0.001	-0.033	-0.025	-0.025	NA
10/4/2024	-0.019	-0.469	-0.021	-0.034	-0.017	-0.002	-0.032	-0.026	-0.025	-0.070
11/26/2024	-0.051	-0.364	-0.020	-0.030	-0.009	--	-0.026	-0.024	-0.024	-0.130
12/30/2024	-0.016	-0.125	-0.008	-0.011	-0.002	NA	-0.007	-0.012	-0.014	-0.018
1/22/2025	-0.001	0.000	0.000	-0.001	0.000	NA	-0.001	0.000	0.000	0.000
1/30/2025	-0.02	-0.13	-0.145	-0.042	0.000	NA	-0.033	-0.018	-0.027	-0.012
2/24/2025	-0.033	-0.117	-0.124	-0.051	0.000	0.000	-0.036	-0.02	-0.024	-0.01
3/30/2025	-0.029	-0.099	-0.112	-0.063	-0.001	0.000	-0.038	-0.026	-0.032	-0.03
4/30/2025	-0.026	-0.083	-0.037	-0.069	-0.009	-0.008	-0.072	-0.067	-0.058	-0.024
5/30/2025	-0.039	-0.079	-0.098	-0.07	-0.01	-0.007	-0.059	-0.031	-0.057	-0.028
6/30/2025	-0.03	-0.062	-0.077	-0.068	-0.009	-0.006	-0.063	-0.029	-0.055	-0.031
7/29/2025	-0.034	-0.059	-0.074	-0.063	-0.008	-0.008	-0.066	-0.03	-0.053	-0.029
8/27/2025	-0.033	-0.054	-0.069	-0.066	-0.007	-0.008	-0.059	-0.033	-0.058	-0.027
9/26/2025	-0.036	-0.058	-0.062	-0.07	-0.006	-0.009	-0.058	-0.039	-0.062	-0.03
10/312025	-0.029	-0.056	-0.067	-0.065	-0.009	-0.005	-0.055	-0.032	-0.056	-0.028
11/28/2025	-0.031	-0.054	-0.070	-0.062	-0.008	-0.005	-0.053	-0.029	-0.051	-0.029
12/30/2025	-0.029	-0.050	-0.068	-0.057	-0.006	-0.004	-0.058	-0.026	-0.046	-0.026

Notes:

Monitoring data from 8/31/2021 through 11/26/2024 from Integral Monthly Reports.

Monitoring data from 12/30/2024 and 12/30/2025 collected by Rock Enviro.

Rock Enviro used a factory calibrated,Dwyer Model 476A-0 digital manometer from Nov. 2025-Jan 2025 and a TSI ALNOR 5815 Micromanometer from Feb. 2025 through Dec. 2025 for differential press ure readings.

All VMPs were replaced on 1/28/2025.

NA - Not Accessible.

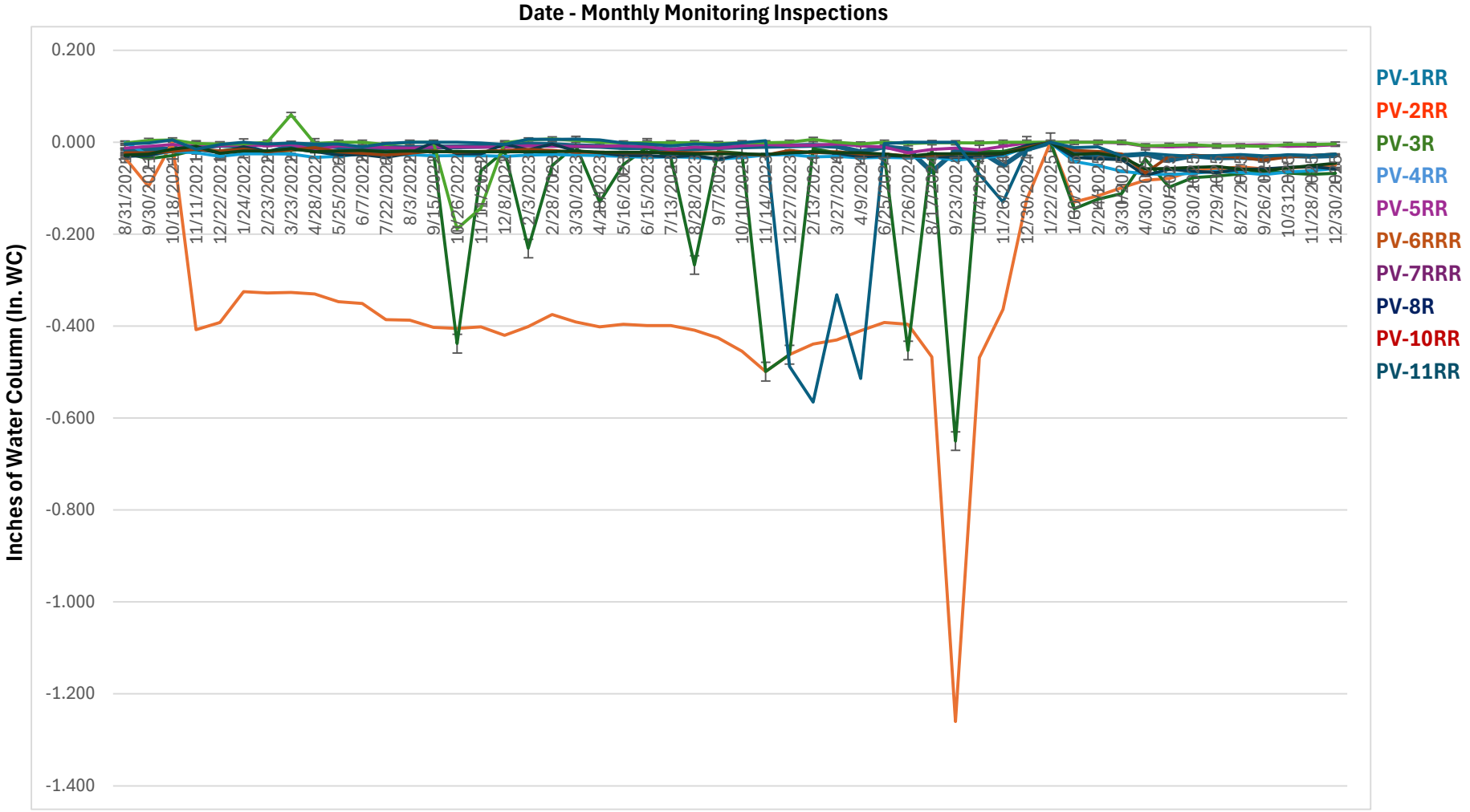

Date - Monthly Monitoring Inspections
Inches of Water Column (In. WC)
0.200
0.000
-0.200
-0.400
-0.600
-0.800
-1.000
-1.200
-1.400
PV-1RR
PV-2RR
PV-3R
PV-4RR
PV-5RR
PV-6RRR
PV-7RRR
PV-8R
PV-10RR
PV-11RR

Table 3: SSDS Gauge Monitoring Data (Pre/Post Carbon)
August 2021 through December 2025

	Pressure (inches of water column "In. WC")		
Monitoring Date	Gauge PI102 (before SSDS lead drum)	Gauge PI103 (after SSDS lead drum)	Gauge PI104 (after SSDS lag drum)
8/31/2021	44	30	18
9/30/2021	44	30	18
10/18/2021	44	30	18
11/11/2021	45	30	19
12/22/2021	44	30	18
1/24/2022	44	33	18
2/23/2022	44	33	19
3/23/2022	45	33	19
4/28/2022	44	32	18
5/25/2022	45	33	19
6/7/2022	44	32	19
7/22/2022	44	32	19
8/3/2022	44	32	19
9/15/2022	45	33	18
10/26/2022	45	32	19
11/11/2022	45	33	18
12/8/2022	46	33	19
2/3/2023	43	32	19
2/28/2023	44	32	18
3/30/2023	45	33	19
4/28/2023	46	33	19
5/16/2023	44	33	18
6/15/2023	45	32	19
7/13/2023	44	32	19
8/28/2023	45	33	19
9/7/2023	44	32	18
10/10/2023	46	32	17
11/14/2023	46	32	18
12/27/2023	43	31	19
2/13/2024	44	32	18
3/27/2024	46	34	19
4/9/2024	NR	NR	NR
6/25/2024	45	32	18
7/16/2024	44	32	19
8/17/2024	44	34	19
9/23/2024	46	33	18
10/4/2024	46	34	18
11/26/2024	46	33	18
12/30/2024	44	32	18
1/22/2025	44	36	18
1/30/2025	44	36	18
2/24/2025	44	36	18
3/30/2025	44	36	18
4/30/2025	42	36	20
5/30/2025	40	34	19
6/30/2025	40	34	19
7/29/2025	38	32	18
8/27/2025	36	32	18
9/26/2025	34	32	18
10/31/2025	34	32	18
11/28/2025	34	32	18
12/30/2025	34	32	18

Notes:

Monitoring data from 8/31/2021 through 11/26/2024 from Integral Monthly Reports.

Monitoring data from 12/30/2024 and 12/30/2025 collected by Rock Enviro.

The SSDS Equipment Compound was relocated tp the rooftop and the GAC was replaced in both drums in March 2025.

Table 4A: Spring 2022 Air Filtration Unit Inventory
135 Kent Avenue, Brooklyn, NY (Site #: C224177)

Floor	Area Type	Area	Number of Units	Unit Type (AirPura: C600/R600; Austin)	Notes
1st	Commercial	Vintage Twin (former Designers Collab.)	2	Austin (2 Units)	Two new Austin units placed in commercial space on 3/14/2022.
1st	Hallway	Bathroom	1	Austin	
1st	Hallway	Rear Hallway	1	R600	
1st	Vacant/Storage	Rear of Building near V-5	5	R600 (3 Units), C600 (2 Units)	
1st	Vacant/Storage	Rear of Building near V-5	3	Austin (3 Units)	
2nd	Hallway	Center Hallway	4	Austin, R600 (3 Units)	
2nd	Hallway	Hallway near Elevator Shaft	1	R600	
2nd	Residential	Apartment C-2	2	R600 (2 Units)	Did not provide access to units for maintenance in Spring 2022.
2nd	Residential	Apartment C-3	2	R600, C600	
2nd	Residential	Apartment C-4	2	R600, C600	
2nd	Residential	Apartment C-5	2	Austin	Two new Austin units requested in February 2022 due to noise from AirPura units
2nd	Residential	Apartment C-6	2	R600 (2 Units)	
2nd	Residential	Apartment C-7	2	R600 (2 Units)	Did not provide access to units for maintenance in Spring 2022. Tenant confirmed air filtration units in apartment during air sampling.
2nd	Residential	Apartment C-8	2	R600 (2 Units)	
2nd	Residential	Apartment C-9/C-10	3	R600 (2 Units), C600	
2nd	Residential	Apartment C-11	1	R600	Did not provide access to units for maintenance in Spring 2022.

Notes:

Air Filtration Inventory conducted by Integral Engineering PC

Table 4B: February 2024 Air Filtration Unit Inventory
135 Kent Avenue, Brooklyn, NY (Site #: C224177)

Floor	Area Type	Area	Number of Units	Unit Type (AirPura: C600/R600; Austin)	Notes
1st	Commercial	Vacant Commercial Space	3	R600 (2 Units), C600	
1st	Hallway	Rear Hallway	1	R600	
2nd	Hallway	Center Hallway	3	Austin, R600 (2 Units)	Integral to remove one unit from center hallway and move to apartment needing an additional unit.
2nd	Hallway	Hallway near Elevator Shaft	1	R600	
2nd	Residential	Apartment 8	2	R600 (2 Units)	
2nd	Residential	Apartment 9	2	Austin, R600	
2nd	Residential	Apartment 1	2	R600, C600	
2nd	Residential	Apartment 2	1	Austin	Resident indicated they have one unit, building management notified to provide additional unit.
2nd	Residential	Apartment 10	0		Resident indicated they no longer have any units, building management notified to provide two units.
2nd	Residential	Apartment 3	1	R600	Resident indicated they have one unit, building management notified to provide two units.
2nd	Residential	Apartment 4	2	R600 (2 Units)	
2nd	Residential	Apartment 5	4	R600 (2 Units), C600, Austin	
2nd	Residential	Apartment 6	1	R600	Did not provide access to units for maintenance in Spring 2022.

Notes:

Air Filtration Inventory conducted by Integral Engineering PC

Except where noted, units listed were maintained on February 29, 2024

Rock Enviro scheduled to conduct the next Air Filtration Unit Inventory in February 2025

Air Filtration Inventory conducted by Integral Engineering PC

Table 5: November 2025 Air Filtration Unit Inventory
135 Kent Avenue, Brooklyn, NY (Site #: C224177)

Floor	Area Type	Area	Number of Units	Unit Type (AirPura: C600/R600; Austin)	Notes
1st	Commercial	Vacant Commercial Space	4	R600 (3 Units), C600	
1st	Hallway	Rear Hallway	2	R600 (2 Units)	Media Replaced 11/5/2025
2nd	Hallway	Center Hallway	4	Austin, R600 (3 Units)	Removed unit from vacant unit and added to hallway. Media Replaced 11/5/2025
2nd	Hallway	Hallway near Elevator Shaft	2	R600 (2 Units)	Media Replaced 12/2025
2nd	Residential	Apartment 7	1	R600	Vacant Unit. Media Replaced 11/5/2025
2nd	Residential	Apartment 8	1	R600	Vacant Unit. Media Replaced 11/5/2025
2nd	Residential	Apartment 9	1	R600	Vacant Unit. Media Replaced 11/5/2025
2nd	Residential	Apartment 1	3	R600 (2 Units), C600	Media Replaced 11/5/2025
2nd	Residential	Apartment 2	3	Austin, R600 (2 Units)	Removed unit from vacant unit and added to C-5. Media Replaced 11/5/2025
2nd	Residential	Apartment 10	1	R600	Vacant Unit. Media Replaced 11/5/2025
2nd	Residential	Apartment 3	2	R600, C600	Media Replaced 11/5/2025
2nd	Residential	Apartment 4	2	R600 (2 Units)	Removed unit from vacant unit and added to C-8. Media Replaced 11/5/2025
2nd	Residential	Apartment 5	4	R600 (2 Units), C600, Austin	An additional air filtration unit was added from vacant unit per the request of the tenants. Media replaced 11/5/2025
2nd	Residential	Apartment 6	2	R600 (2 Units)	Media Replaced 11/5/2025

Notes:

Air Filtration Inventory conducted by Rock Eniro on November 5, 2025

Except where noted, units listed were maintained on November 5, 2025

Rock Enviro scheduled to conduct the next Air Filtration Unit Inventory in November 2026

Table - IAQ Sampling Data (Apt 1)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 1		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-09		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**2.45**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	< 1.00	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**2.7**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**94**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.28**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.47**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**1.51**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.38**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.42**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.35**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**132**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.72**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.63**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.72**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.3**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**8.43**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.6**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**16.8**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.17**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**8.41**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.16**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.25**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**25.45**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**8.88**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**295.83**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

Table - IAQ Sample Data (Apt 2)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 2		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-10		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.42**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.43**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.23**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**3.73**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**76**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.95**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.24**	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.47**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**3.24**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.34**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.5**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**610**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**5.94**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**3.18**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**4.18**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.51**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.48**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**34.4**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**8.29**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**39.2**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.78**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**4.05**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.44**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**13.9**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**43.12**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**4.52**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**829.90**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

Table - IAQ Sampling Data (Apt 3)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 3		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-12		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**1.55**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	< 1.00	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**1.91**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**23.5**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.51**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.4**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**2.12**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.32**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.4**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**162**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.78**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.57**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.73**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.08**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.46**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**7.71**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**4.86**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**20.9**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.77**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**4.57**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.88**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.23**	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.18**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**23.41**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**5.20**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**255.43**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

Table - IAQ Sampling Results (Apt 4)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 4		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-13		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**2.66**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.12**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.46**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**2.25**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**18.7**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.08**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.38**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.34**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.09**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.42**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**167**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.7**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.2**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.06**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.54**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.12**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**13.5**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**3.84**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**15.3**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.55**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**2.77**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**4.59**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.24**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**21.85**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**3.15**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**249.91**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

Table - IAQ Sampling Results (Apt. 5)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 5		Apt 5		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-14A		IA25-14B		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.22**	1.00	**3.66**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.37**	1.00	**1.41**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.09**	1.00	**1.61**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**3.34**	1.00	**1.24**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**30.6**	1.00	**39.9**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.37**	1.00	**1.18**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.41**	0.20	**0.44**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**3.86**	1.00	**2.83**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.36**	1.00	**1.5**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.3**	1.00	**2.43**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**1,210**	1.00	**836**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**4.03**	1.00	**2.73**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.63**	1.00	**1.67**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**3.07**	1.00	**2.6**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.81**	1.00	**1.62**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.03**	1.00	**1.33**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**55.3**	1.00	**78.6**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.03**	1.00	**5.47**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**24.9**	1.00	**22.7**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.99**	1.00	**2.15**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**2.94**	0.25	**4.01**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.72**	1.00	**1.26**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**4.9**	1.00	**4.9**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	**1.26**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**25.42**		**25.99**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**3.35**		**4.45**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**1367.27**		**1022.50**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

Table - IAQ Sample Results
Vacant Spaces - 2nd Floor (Apt 6)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-6		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-15		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.98**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.46**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.06**	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**19.9**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**4.1**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**40.1**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**2.07**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.49**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**2.63**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**2.04**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**2.08**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.41**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**629**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**5.01**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**2.24**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**9.22**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.39**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.66**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**13.8**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**7.46**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**25.9**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.79**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**5.17**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**7.34**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.26**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**42.69**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**5.66**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**795.56**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

March 2025
Indoor Air Quality Sampling
2nd Floor Vacant Spaces (Apts 7, 8, 9, 10)
135 Kent Ave. Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		3/25/2025		3/25/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		24-hr		24-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt 7		Apt 8		Apt 9		Apt 10		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-06		IA25-07		IA25-08		IA25-11		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**5.21**	1.00	**5.7**	1.00	**4.48**	1.00	**3.76**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**2.23**	1.00	**2.31**	1.00	**2.1**	1.00	**1.75**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.36**	1.00	**1.32**	1.00	**1.33**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**5.94**	1.00	**4.66**	1.00	**3.69**	1.00	**3.88**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**16.3**	1.00	**24.9**	1.00	**21.7**	1.00	**28.3**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.44**	1.00	**1.32**	1.00	**1.33**	1.00	**1.7**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.76**	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.45**	0.20	**0.48**	0.20	**0.42**	0.20	**0.45**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**1.57**	1.00	**1.92**	1.00	**1.78**	1.00	**2.59**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.21**	1.00	**1.33**	1.00	**1.25**	1.00	**1.41**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.59**	1.00	**1.54**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.42**	1.00	**2.41**	1.00	**2.45**	1.00	**2.8**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**81**	1.00	**123**	1.00	**200**	1.00	**298**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.35**	1.00	**1.59**	1.00	**1.76**	1.00	**4.5**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.65**	1.00	**1.65**	1.00	**1.16**	1.00	**2.44**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**3**	1.00	**2.69**	1.00	**2.01**	1.00	**3.61**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.95**	1.00	**1.96**	1.00	**1.6**	1.00	**2.38**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.15**	1.00	**1.39**	1.00	< 1.00	1.00	**1.34**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**5.53**	1.00	**8.2**	1.00	**19.8**	1.00	**12.3**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.08**	1.00	**5.16**	1.00	**3.3**	1.00	**7.07**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**28.3**	1.00	**24.4**	1.00	**24.9**	1.00	**32.7**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.04**	1.00	**2.14**	1.00	**1.46**	1.00	**2.55**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.38**	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**3.99**	0.25	**5.14**	0.25	**3.29**	0.25	**3.67**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.17**	1.00	**1.34**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.65**	1.00	**6.03**	1.00	**4.14**	1.00	**8.51**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	**1.19**	1.00	< 1.00	1.00	< 1.00	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**30.99**		**31.89**		**21.58**		**35.11**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**4.44**		**5.62**		**3.71**		**4.12**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**179.05**		**235.85**		**305.11**		**430.14**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit

APPENDIX A
2025 Monthly Monitoring Reports

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **February 7, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of January 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Representatives from Rock Enviro LLC (Rock Enviro), Matrix Environmental Engineers PLLC (Matrix), 135 Kent LLC, the NYSDEC and NYSDOH held a teleconference on January 13, 2025, to introduce Rock Enviro as the new environmental consultant and Sean Carter, from Matrix, as the new remedial engineer. The scope of remedial actions and objectives specified in the May 20, 2024, Interim Remedial Measures Work Plan (IRMWP) and August 6, 2024, Engineering Controls Modifications Work Plan (ECMWP), as well as other BCP site-specific requirements were discussed. The requirements for monthly and annual monitoring, tenant notifications and communications with the neighboring buildings at 58 North 6th Street and 60 North 6th Street were also discussed.
2. The remedial engineer, Sean Carter (License # 083593) with Matrix prepared IRM Addendum Letter # 3, dated January 14, 2025. The letter indicated that the SSDS equipment would be enclosed within a noise-reducing enclosure after the equipment is relocated to the rooftop. The letter also specified that a vibration reducing floor panel set on a dampening pad would be installed beneath the enclosure. The letter details the construction and specifications of the sound enclosure and underlying floor panel. The intention of the enclosure is to minimize nuisance sound and vibrations to allow for a habitable condition for residential tenants on the second floor of the existing building.

3. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area at 135 Kent Avenue on January 30, 2025. SSDS suction pits and vapor monitoring points are shown in the attached **Figure 1**.
4. Prepared for implementation of tasks listed in the engineering control modifications work plan.
5. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
6. Collected pressure and PID readings from the system before and after activated carbon drums.
7. Inspected all system piping and looked for leaks.
8. Water was noted in riser piping between vapor pits, V1/V2 and the equipment compound during the January 22, 2025, annual inspection. Rock Enviro created two weep holes at the base of pitched riser piping between V-1 and V2 and allowed the liquid to drain while the SSDS was temporarily turned off (approximately 45-60 seconds). This process was repeated approximately 5-6 times until liquid stopped draining from the weep holes and water was no longer heard in the system piping. A total of approximately 250 milliliters (mL) of liquids were collected from the system's piping. The liquid was collected by Rock Enviro in laboratory-supplied glassware and placed in a cooler with ice. Rock Enviro labeled the sample (sample ID: SSDS-L1) and put it in a freezer in case laboratory analysis is requested by NYSDEC. Rock Enviro returned to this area after the inspection was completed and confirmed that no liquids had accumulated in the system piping since draining liquids approximately 2.5-3 hours prior.
9. Rock Enviro returned to the Site on January 29, 2025, for the replacement of VMPs and again observed the sound of water flowing in system piping between suction pits V-1, V-2 and the SSDS equipment room. Rock Enviro created two weep holes at the base of pitched riser piping between V-1 and V2 and allowed the liquid to drain while the SSDS was temporarily turned off. This process was repeated 3 times until liquid stopped draining from the weep holes and water was no longer heard in the system piping. A total of approximately 175 milliliters (mL) of liquids were collected from the system's piping. The liquid was collected by Rock Enviro in laboratory-supplied glassware and placed in a cooler with ice. Rock Enviro labeled the sample (sample ID: SSDS-L2) and put it in a freezer in case laboratory analysis is requested by NYSDEC. The sound of water was not observed during the monthly monitoring inspection on January 30, 2025.
10. Very low to non-existent differential pressures were measured at all nine existing vapor monitoring points (VMPs) during the January 22, 2025, annual inspection. As such, Rock Enviro recommended that ten monitoring points (including PV6-RR which was recently paved over) be reinstalled as a general operations monitoring and maintenance (OM&M) task. This work was completed on January 29, 2025. Rock Enviro returned to the Site for the monthly inspection on January 30, 2025, and confirmed that eight (8) of the ten (10) new VMPs had measurable differential pressures ranging from -0.012 to -0.130 in WC. VMPs, PV-5R and PV-6RR, still had non-detectable differential pressure readings. Rock Enviro will continue to monitor VMPs on a monthly basis and is hopeful that differential pressures will be detected at PV-5R and PV-6RR after

two additional SSDS pits are installed and three SSDS pits are relocated as part of upcoming EC modifications.

11. Rock Enviro suspects that the monitoring data from December 2024 was likely skewed as readings were only detected after slight movements were made to the tubing connected to the digital manometer. Rock Enviro conducted a training session during the January 2025 monthly monitoring to demonstrate to Rock Enviro technicians how to properly collect differential pressure measurements.
12. Rock Enviro noted a decrease in airflow velocity measurements in comparison to data collected prior to the December 2024 monthly monitoring. When Rock Enviro inserted the anemometer into the riser piping without creating a seal around the probe, airflow velocity measurements were generally consistent with most prior readings dating back to 2021. However, the higher readings were the result of ambient air being pulled into the system piping through the monitoring port hole. A training session was conducted during the January 2025 monthly monitoring to demonstrate to Rock Enviro technicians how to properly measure airflow velocity data by creating a seal around the port hole. By creating a seal around the port hole, you can accurately measure operational airflow velocity measurements within the piping system. Airflow velocity measurements should be consistent moving forward.
13. On January 30, 2025, during the monthly monitoring, Rock Enviro made slight adjustments to a few select ball valves located on the riser just above SSDS suction pits in an effort to equalize the airflow and differential pressures induced across the building's slab-on-grade foundation area. Continued monitoring will determine if the slight adjustments result in an even distribution of airflow velocity within system piping and sub-slab differential pressures. It is anticipated that significant improvements to sub-slab differential pressures will only result after upcoming modifications to the SSDS are completed (e.g., installation of two (2) new SSDS pits and the relocation/reinstallation of three (3) existing SSDS pits).
14. 135 Kent LLC sent an email notification to the residential tenants on the second floor on January 23, 2025. The notification advised clients that SSDS modifications were tentatively scheduled to begin as soon as February 3 or February 5, 2025. However, the exact date has not been determined. The email notification also included all three IRMWP Addendums. This notice satisfies the 10-day tenant notification requirement.
15. 135 Kent LLC submitted updated mechanical plans to New York City's Department of Building (NYC DOB) that included the proposed SSDS modifications. The NYC DOB considers the SSDS a mechanical system and has a requirement for submitting mechanical plans that indicate the location of the SSDS riser piping, exhaust, and associated equipment. These plans are currently under review and DOB approval is pending.
16. The 2024 Annual Report (Periodic Review Report – PRR) was drafted and submitted to Matrix on February 4, 2025, for review and certification. Once the report is certified, it will be submitted to NYSDEC and NYSDOH.
17. Rock Enviro submitted a Health & Safety Plan to NYSDEC on February 4, 2025.

18. A Pre-Construction teleconference was held on February 4, 2025. Even though this occurred in February, it should be noted. Representatives of NYSDEC, NYSDOH, Rock Enviro, Matrix, 135 Kent LLC, and all subcontractors (including Coastal Environmental Solutions and Veolia North America) were in attendance.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/MEASUREMENTS ON THE FOLLOWING PAGE

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on January 30, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)
V-1	1,204
V-2	998
V-3	1,173
V-4	1,241
V-5	718
V-6	699

Table 2 – Vapor Monitoring Points (VMPs)

Location	Differential Pressure/Vacuum (inches water column – in WC)
PV-1RR	-0.020
PV-2RRR	-0.130
PV-3R	-0.145
PV-4RR	-0.042
PV-5RR	0.000
PV-6RRR	0.000
PV-7RRR	-0.033
PV-8R	-0.018
PV-10RRR	-0.027
PV-11RRR	-0.012

Notes:

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# (PV-#) represents a replacement. For example, PV-5RR has been replaced two times.

3. The location of SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
4. Airflow/velocity readings were collected from ½" diameter access ports at the base of riser piping, just below the ball valves, and inches above the concrete slab surrounding each SSDS suction pit.
5. Airflow/velocity readings were collected using a STA2 model hotwire anemometer manufactured by Fieldpiece Instruments Inc. The anemometer was factory calibrated within the last 6 months.
6. Pressure/vacuum readings were collected from vapor monitoring points (VMPs) installed across the slab-on-grade foundation area. Eight of the ten new VMPs had measurable differential pressures. However, VMPs PV-5RR & PV-6RRR, had no measurable differential pressures (0.000 inches WC).
7. Differential pressure readings were collected using a Fluke 922 digital manometer with resolution accuracy to 0.001 in WC. This unit was factory calibrated within the last 2 months and field calibrated prior to this monitoring event.

ENGINEERING CONTROL MODIFICATIONS

A teleconference was held between NYSDEC, Rock Enviro, Matrix and representatives from 135 Kent Ave LLC on January 13, 2025, to discuss proposed renovations at 135 Kent Avenue and Interim Remedial Measures (IRM) and engineering control modifications (ECMs). The scope of work specified in the IRMWP and ECMWP was summarized to ensure that all parties agreed and understood these report's requirements and objectives. Per the request of NYSDEC, Matrix prepared IRMWP Addendum #3 on January 14, 2025, detailing how noise/vibration associated with the proposed rooftop location for SSDS equipment will be mitigated. Rock Enviro replaced all ten VMPs across the Site on January 29, 2025. 135 Kent LLC sent an email notification to the residential tenants on the second floor on January 23, 2025. The notification advised clients that SSDS modifications were tentatively scheduled to begin as soon as February 3 or February 5, 2025. However, the exact date was to be determined. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro created a flyer/notice that will be hung on walls in public corridors throughout the building prior to the start of SSDS modifications work. A Pre-Construction teleconference was held on February 4, 2025. Representatives of NYSDEC, NYSDOH, Rock Enviro, Matrix, 135 Kent LLC, and all subcontractors (including Coastal Environmental Solutions and Veolia North America) were in attendance. The EC Modifications are tentatively scheduled for February 2025; however, the work will not be scheduled until DOB approves updated mechanical plans which include details for the proposed SSDS modifications. The six current tenants living on the second floor of the building were notified that work is tentatively scheduled to begin in February 2025, pending DOB approval of updated mechanical plans that include the proposed SSDS modifications.

The anticipated start date for the commencement of work is the second or third week of February 2025. However, the work cannot be scheduled until DOB approves updated mechanical plans that include the proposed SSDS modifications. The applicant or consultant will contact NYSDEC to notify them when work is scheduled.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the February 2025 reporting period:

- February 2025 monthly monitoring will be performed in the 3rd or 4th week of February, and the monthly report will be submitted no later than March 10, 2025.

- Rock Enviro and 135 Kent LLC are coordinating implementation of the proposed IRM and ECMWP and will provide NYSDEC and NYSDOH with a construction schedule that includes a start date and the anticipated duration of construction/EC modifications, when available.
- Rock Enviro was planning to collect soil and concrete waste characterization samples during the first or second day of SSDS pit installation/relocation work. However, to accommodate the reasonable request that NYSDEC indicated during the February 4, 2025, Pre-Construction call, samples may be collected sooner to avoid long waiting periods for disposal facility approvals, and a possible contained-in determination. The intention of conducting the characterization study sooner is to avoid having drums filled with potentially hazardous soil remain on the Site for long periods of time. As such, Rock Enviro has recommended that the waste characterization study is conducted at the soonest possible time. Additionally, the drum disposal contractor (Veolia North America), will schedule weekly drum pickups until none remain onsite.
- Rock Enviro has subcontracted with a disposal contractor (Veolia North America) that will provide drums and assist with waste derived from remedial tasks. The subcontractor will provide sealable drums, treatment and/or recycling (if feasible), manifests and tracking documents, drum labels, and scheduled pickups and offsite transportation. Waste stream disposal anticipated for this project includes RCRA PCE soil (D039) Stabilization (Process Code OT46), and RCRA PCE concrete microencapsulation (Process Code LF24). Additional information regarding the waste stream will be determined after a waste characterization study is completed. If hazardous soil is confirmed (as per 6 NYCRR Part 371), Rock Enviro will need to get an EPA ID number assigned and/or a contained-in determination from NYSDEC.
- Rock Enviro is working with 135 Kent LLC to develop a suitable construction design for containment tents. The tents will comply with the specifications detailed in the "Special Requirements Community Air Monitoring Plan" document, prepared by Integral, dated May 2024.
- During a February 4, 2024, Pre-Construction call, a NYSDOH representative requested that a total of three CAMP stations will be operated during the upcoming EC modifications (e.g., SSDS pit installations & relocation). Two CAMP stations will be located on the first floor and a third will be located on the third floor. The CAMP data will be reported to NYSDEC and NYSDOH in daily status reports (DSRs) that will be submitted the following day before close of business. The decision to discontinue the third CAMP station on the second floor will only be made after NYSDOH determines that nuisance dust and PID readings have remained low, and there is no potential for exposure to the residential tenants on the second floor of the building.
- 135 Kent LLC only plans to conduct the SSDS modifications (new pit install/relocation and SSDS equipment compound relocation) during the month of February. Additional work including slab modifications and trenching will be scheduled at a later date.
- Rock Enviro has ordered a prefilter and muffler that will be placed on the blower when it is relocated to the rooftop noise mitigating enclosure. The prefilter will prevent dust/debris from being pulled into the intake. Also, the muffler will provide an additional level of noise attenuation.
- Rock Enviro has purchased activated carbon and will be replacing the carbon in the two GAC drums during the relocation to the rooftop.
- Rock Enviro has purchased magnehelic gauges (Dwyer Model 2005) that will be installed below the ball valve at each riser pipe. This will provide real time vacuum measurements within the riser piping just above the slab-on-grade surface for each suction pit.

- Rock Enviro plans to contact the ownership/management for the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building in February 2025. Those communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding February 2025 activities will be provided in the next monthly monitoring report, due March 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. Rock Enviro plans to contact building management in February 2025 to follow up on the prior discussion regarding the SSDS layout. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. Rock Enviro plans to contact P.W. Grosser in February 2025 to follow up on the prior discussion regarding the floor plan request. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser.

ACTIVE SSDS MONITORING FORM FOR 135 KENT AVE ON THE FOLLOWING PAGE

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site #: C224177

Date: 01/30/2025
Start Time: 10:30
End Time: 12:50
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.020
PV-2RRR	-0.130
PV-3R	-0.145
PV-4RR	-0.042
PV-5RR	0.000
PV-6RRR	0.000
PV-7RRR	-0.033
PV-8R	-0.018
PV-10RRR	-0.027
PV-11RRR	-0.012

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)
V-1	1,204	15°
V-2	998	15°
V-3	1,173	30°
V-4	1,241	0°
V-5	718	15°
V-6	699	0°

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# (PV-#) represents a replacement. For example, PV-5RR has been replaced two times.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	1.9	
After Lag Drum	Gauge PI104 Sample Port	18	1.2	
Ambient Air	NA	NA	0.0	

Is SSDS blower operating: **YES**

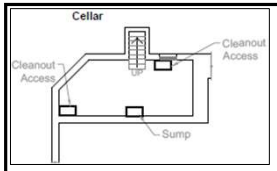
Is heat exhaust fan operating: **YES**

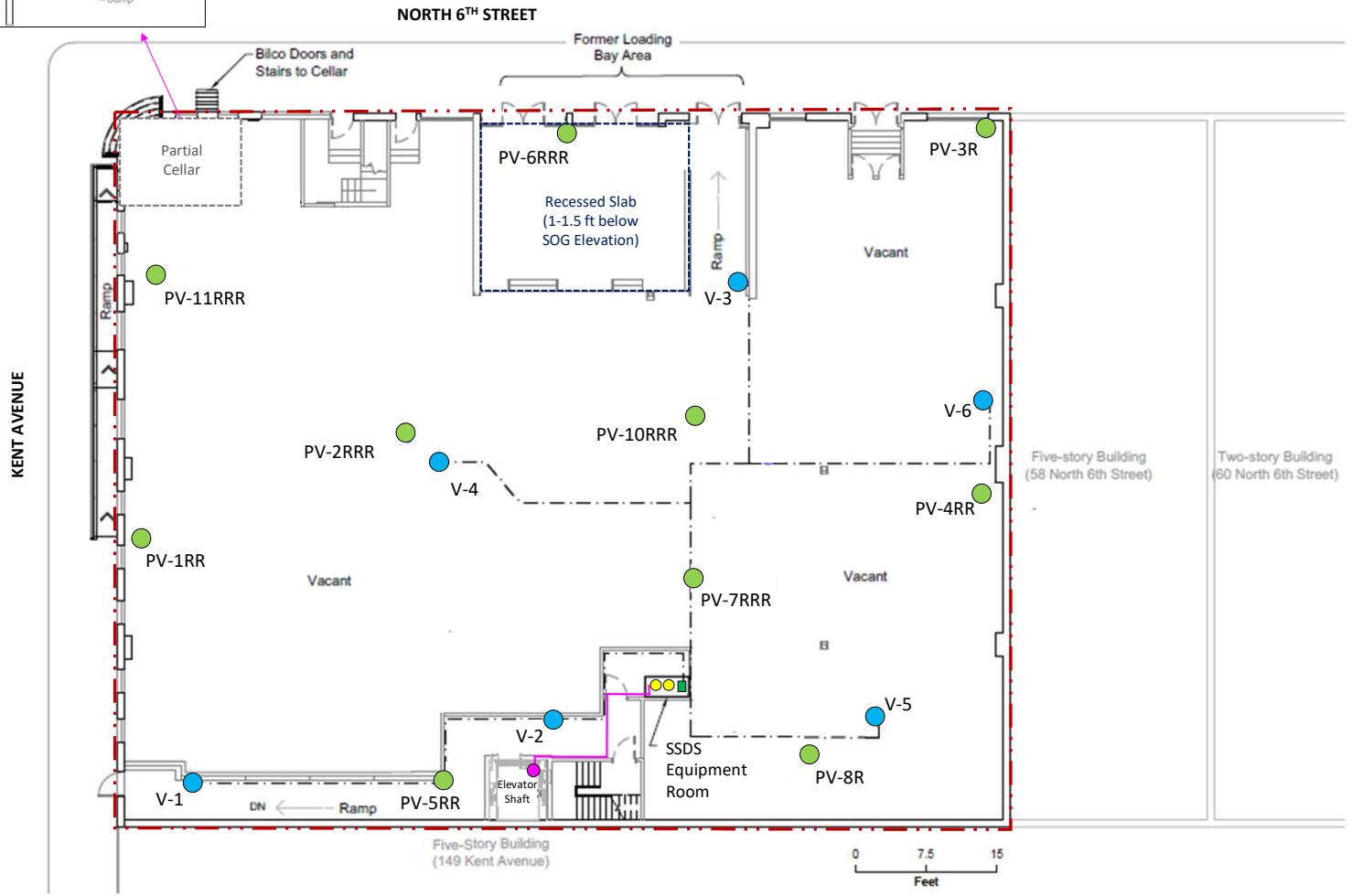
Is Sensaphone operating: **YES** (Reprogrammed to contact Rock Enviro during shut-off)

Evidence of tampering, vandalism or damage to SSDS Equipment Room: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

FIGURES





LEGEND:

- Property Boundary
- SSDS Suction Pit
- Vapor Monitoring Point
- Above-Slab System Piping between Pits (2" PVC)
- Piping between Blower/Drums & Riser (2" PVC)
- Vertical Riser Pipe within Elevator Shaft (2" PVC)
- 55-Gallon Activated Carbon Drums
- Regenerative Blower

NOTES:

1. SITE TAX MAP ID: BLOCK 2333, LOT 5

IMAGERY SOURCE: Cellar Plan, First Floor Plan and Mezzanine Plan, Sheet A-2, Franklin Estrella R.A., March 31, 2006

ROCKENVIRO

135 KENT AVENUE, BRONX, NY

FIGURE 1– SITE PLAN / EXISTING SSDS LAYOUT (FIRST FLOOR & CELLAR)

FEBRUARY 2025

To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation
From: **Robert Bennett**
Date: **March 10, 2025**
Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of February 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Rock Enviro submitted a Health & Safety Plan to NYSDEC on February 4, 2025.
2. Rock Enviro submitted a formal Notification Letter to the drum disposal contractor (Veolia E.S. Technical Solutions, LLC (Veolia) on February 12, 2025. The notification letter included a summary of the general scope of work, anticipated waste volumes (soil & concrete), and specified the hazardous levels of chlorinated solvents (most notably, PCE) in soil across the Site. The letter clearly indicated that all waste drums (soil & concrete) will require disposal as hazardous materials.
3. Veolia submitted a contract with rate schedule for services to Rock Enviro on February 18,2025. The contract indicates their awareness that the waste from this Site is hazardous and the scope of work details procedures to comply with all federal, state and local regulations and laws. Veolia conducts periodic, unannounced inspections to ensure that the generator, customer, and all associated parties are filling drums in accordance with all applicable laws and regulations pertaining to generators of hazardous waste. Veolia will not accept improperly identified or unidentified materials. Furthermore, Veolia tests the soil upon arrival at their disposal facility(ies) to verify that the drum contents are consisted with data provided prior to their contract and quotation for services.

4. The PE certified 2024 Annual Report (Periodic Review Report – PRR) was submitted to NYSDEC and NYSDOH on February 14, 2025.
5. A BCP Fact Sheet summarizing the proposed scope of work was drafted and submitted to DEC for review on February 18, 2025.
6. Waste Characterization samples for soil and concrete were collected by Rock Enviro on February 24, 2025. Additional analysis for TCLP Lead was requested but confirmed to be non-hazardous. Total PCE was detected at 36,000 ug/kg in the 5-point composite soil sample and 37,000 in the grab soil sample. TCLP PCE was non-detect in both the composite and grab soil sample. Total PCE was detected at 3,700 ug/kg in the 5-point composite slab/concrete sample and 1,700 ug/kg in the grab slab/concrete sample. The sample results were submitted to the drum disposal contractor for review.
7. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area at 135 Kent Avenue on February 24, 2025. SSDS suction pits and vapor monitoring points are shown in the attached **Figure 1**.
8. Prepared for implementation of tasks listed in the engineering control modifications work plan.
9. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
10. Collected pressure and PID readings from the system before and after activated carbon drums.
11. Inspected all system piping and looked for leaks.
12. Water was noted in riser piping between vapor pits, V1, V2 and the equipment compound during the February 24, 2025, annual inspection. Rock Enviro drained liquid from two weep holes at the base of pitched riser piping between V-1 and V2. A total of approximately 300 milliliters (mL) of liquids were collected from the system's piping. The liquid was collected by Rock Enviro in laboratory-supplied glassware and placed in a cooler with ice. Rock Enviro labeled the sample (sample ID: SSDS-L2) and put it in a freezer in case laboratory analysis is requested by NYSDEC.
13. An onsite Pre-Construction meeting was held onsite on February 25, 2025 to review the scope of work with all contractors. Rock Enviro, 135 Kent LLC, and all subcontractors (including Coastal Environmental Solutions and Veolia North America) were in attendance.
14. A review of the Site-specifc HASP was completed after the scope of work was discussed. This included PPE requirements (Level D; however, laborers that will be working in the enclosures should be ready with Level C if dust and VOC levels become elevated), site-specific contaminants and exposure, work site safety hazards, work area enclosures, air monitoring, waste stream management, and many more components of the HASP.
15. Rock Enviro initially requested the delivery of brand new 55-gallon drums for delivery on February 19, 2025. However, this was postponed and the drums were delivered on February 28, 2025.
16. Rock Envrio initially requested the delivery of ¾-inch bluestone for February 19, 2025. However, this was postponed until the first week of March.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on February 24, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)
V-1	1,174
V-2	1,095
V-3	1,228
V-4	1,216
V-5	898
V-6	803

Table 2 – Vapor Monitoring Points (VMPs)

Location	Differential Pressure/Vacuum (inches water column – in WC)
PV-1RR	-0.033
PV-2RRR	-0.117
PV-3R	-0.124
PV-4RR	-0.051
PV-5RR	0.000
PV-6RRR	0.000
PV-7RRR	-0.036
PV-8R	-0.020
PV-10RRR	-0.024
PV-11RRR	-0.010

Notes:

1. The VMPs replaced in January 2025 appear to be functioning well with the exception of PV-5RR and PV-6RRR.
2. Each "R" following the VMP# (PV-#) represents a replacement. For example, PV-5RR has been replaced two times.
3. The location of SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.

4. Airflow/velocity readings were collected from ½" diameter access ports at the base of riser piping, just below the ball valves, and inches above the concrete slab surrounding each SSDS suction pit.
5. Airflow/velocity readings were collected using a STA2 model hotwire anemometer manufactured by Fieldpiece Instruments Inc. The anemometer was factory calibrated within the last 6 months.
6. Pressure/vacuum readings were collected from vapor monitoring points (VMPs) installed across the slab-on-grade foundation area. Eight of the ten new VMPs had measurable differential pressures. However, VMPs PV-5RR & PV-6RRR, had no measurable differential pressures (0.000 inches WC).
7. Differential pressure readings were collected using a Fluke 922 digital manometer with resolution accuracy to 0.001 in WC. This unit was factory calibrated within the last 2 months and field calibrated prior to this monitoring event.

ENGINEERING CONTROL MODIFICATIONS

A Pre-Construction teleconference was held between NYSDEC, NYSDOH, Rock Enviro, Matrix, representatives from 135 Kent Ave LLC and all subcontractors (135 Kent LLC contracting team, Coastal Environmental Solutions and Veolia North America) on February 4, 2025, to discuss the scope of work, health and safety concerns, procedures to protect workers, occupants, and the residential occupants on the second floor of the building. The scope of work specified in the IRMWP and ECMWP was summarized to ensure that all parties agreed and understood these report's requirements and objectives. Specific topics of discussion included the use of enclosures with negative air machines at all slab openings, air monitoring with two CAMP stations on the first floor and one CAMP station on the second floor, waste management, stone import, tenant notifications, distribution of the BCP Fact Sheet, the anticipated project schedule, and more. The six current tenants living on the second floor of the building were notified that work was tentatively scheduled to begin in February 2025, pending DOB approval of updated mechanical plans that include the proposed SSDS modifications. At the time of the Pre-Construction teleconference, work was atnticipated to begin in mid-late February 2025, pending DOB approval of some amended plans. However, the actual start date was March 6, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the March 2025 reporting period:

- March 2025 monthly monitoring will be performed in the 3rd or 4th week of March, and the monthly report will be submitted no later than April 10, 2025.
- Rock Enviro and 135 Kent LLC have coordinated the implementation of the IRM and ECMWP work will start on March 6, 2025.
- Rock Enviro has subcontracted with a disposal contractor (Veolia North America) that has provided drums and will collect waste derived from remedial tasks. Waste stream disposal anticipated for this project includes RCRA waste code F002 (spent halogenated solvents) or toxic compound code U210 (for Tetrachloroethylene). All drums (soil and concrete) will be labeled as Hazardous Material and contain one or both codes.
- Rock Enviro has submitted a RCRA Subtitle C Site Identification Form to the EPA and are awaiting the EPA ID number. This number will also be added to the drum labels and waste tracking documents.
- Rock Enviro worked with 135 Kent LLC to develop a suitable construction design for containment tents for the ramp area and the SSDS pit installation areas. The tents comply with the

specifications detailed in the "Special Requirements Community Air Monitoring Plan" document, prepared by Integral, dated May 2024.

- Three CAMP stations will be operated during the EC modifications (e.g., SSDS pit installations & ramp removal area). Two CAMP stations will be located on the first floor and a third will be located on the third floor. The CAMP data will be reported to NYSDEC and NYSDOH in daily status reports (DSRs) that will be submitted the following day before close of business. The decision to discontinue the third CAMP station on the second floor will only be made after NYSDOH determines that nuisance dust and PID readings have remained low, and there is no potential for exposure to the residential tenants on the second floor of the building.
- 135 Kent LLC only plans to conduct the SSDS modifications (new pit install/relocation and SSDS equipment compound relocation) and the ramp removal and repavement (Slab Modification Area 2) during the month of March. Additional work including trenching will be scheduled at a later date.
- Rock Enviro has ordered a prefilter and muffler that will be placed on the blower when it is relocated to the rooftop noise mitigating enclosure. The prefilter will prevent dust/debris from being pulled into the intake. Also, the muffler will provide an additional level of noise attenuation.
- Rock Enviro has purchased activated carbon and will be replacing the carbon in the two GAC drums during the relocation to the rooftop.
- Rock Enviro has purchased magnehelic gauges (Dwyer Model 2005) that will be installed below the ball valve at each riser pipe after the completion of SSDS pit installation and the connection of overhead piping. This will provide real time vacuum measurements within the riser piping just above the slab-on-grade surface for each suction pit.
- Rock Enviro plans to contact the ownership/management for the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building in March-April 2025. Those communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding March 2025 activities will be provided in the next monthly monitoring report, due April 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for

several months. Rock Enviro plans to contact building management in March-April 2025 to follow up on the prior discussion regarding the SSDS layout. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. Rock Enviro plans to contact P.W. Grosser in March-April 2025 to follow up on the prior discussion regarding the floor plan request. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser.

ACTIVE SSDS MONITORING FORM FOR 135 KENT AVE ON THE FOLLOWING PAGE

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site #: C224177

Date: 02/24/2025
Start Time: 11:30
End Time: 13:15
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.033
PV-2RRR	-0.117
PV-3R	-0.124
PV-4RR	-0.051
PV-5RR	0.000
PV-6RRR	0.000
PV-7RRR	-0.036
PV-8R	-0.020
PV-10RRR	-0.024
PV-11RRR	-0.010

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)
V-1	1,174	15°
V-2	1,095	15°
V-3	1,228	30°
V-4	1,216	0°
V-5	898	15°
V-6	803	0°

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# (PV-#) represents a replacement. For example, PV-5RR has been replaced two times.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	2.0	
After Lag Drum	Gauge PI104 Sample Port	18	1.3	
Ambient Air	NA	NA	0.0	

Is SSDS blower operating: **YES**

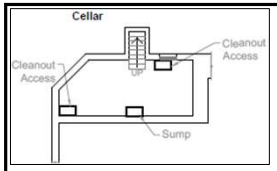
Is heat exhaust fan operating: **YES**

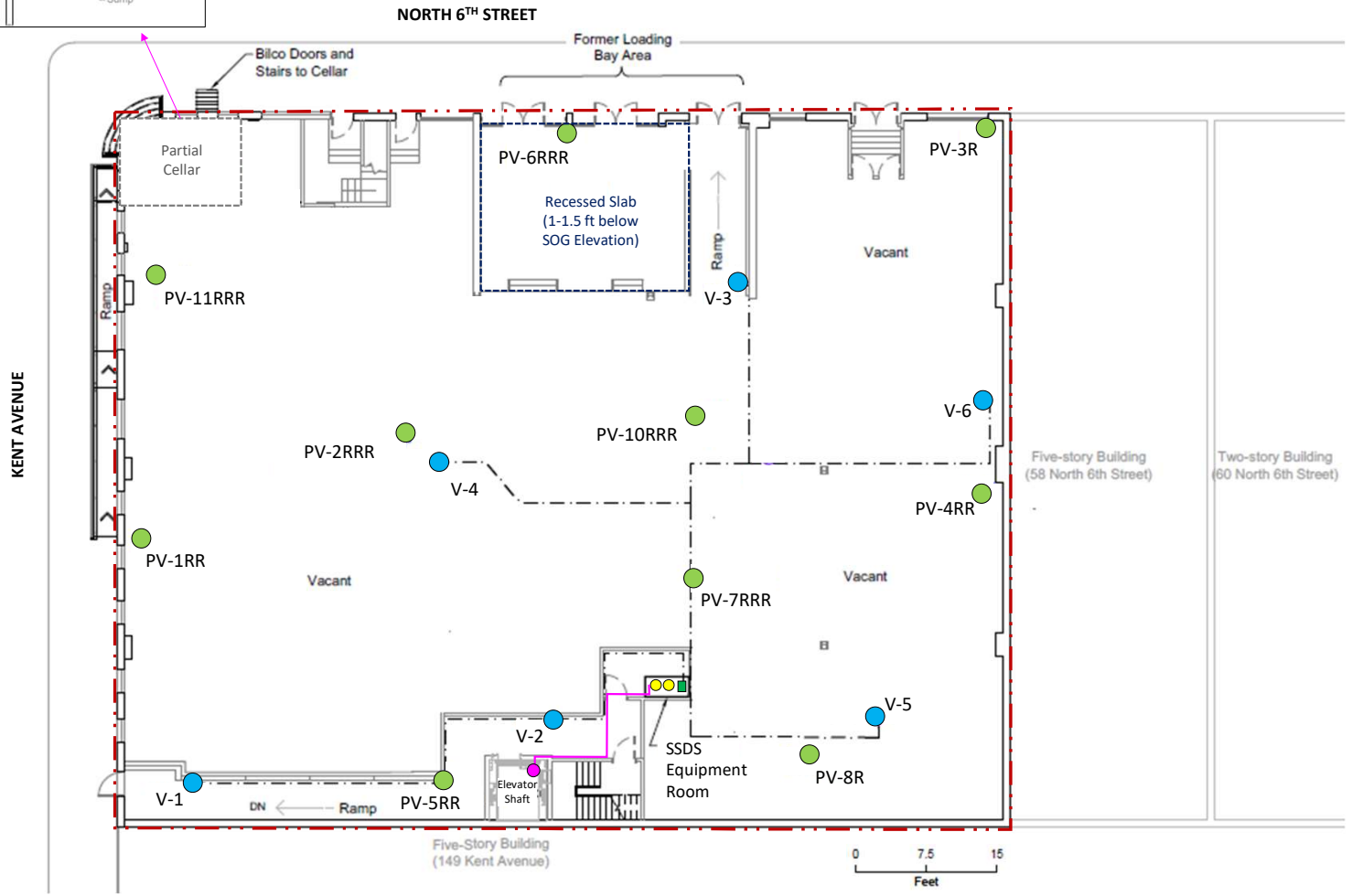
Is Sensaphone operating: **YES** (Reprogrammed to contact Rock Enviro during shut-off)

Evidence of tampering, vandalism or damage to SSDS Equipment Room: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

FIGURES





LEGEND:

- Property Boundary
- SSDS Suction Pit
- Vapor Monitoring Point
- Above-Slab System Piping between Pits (2" PVC)
- Piping between Blower/Drums & Riser (2" PVC)
- Vertical Riser Pipe within Elevator Shaft (2" PVC)
- 55-Gallon Activated Carbon Drums
- Regenerative Blower

NOTES:

1. SITE TAX MAP ID: BLOCK 2333, LOT 5

IMAGERY SOURCE: Cellar Plan, First Floor Plan and Mezzanine Plan, Sheet A-2, Franklin Estrella R.A., March 31, 2006

ROCKENVIRO

135 KENT AVENUE, BRONX, NY

FIGURE 1– SITE PLAN / EXISTING SSDS LAYOUT (FIRST FLOOR & CELLAR)

FEBRUARY 2025

To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **April 10, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of March 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. New 55-gallon drums were delivered to the Site on March 3, 2025, prior to the start of SSDS pit installation and slab modification work.
2. Between February 25 and March 3, 2025, enclosures were constructed around the proposed new SSDS pit areas across the first-floor renovation space, and at a ramp located on the northeast portion of the building in the former shipping and receiving area along N. 6th Street (e.g., Slab Modification Area 2, as referenced in the Engineering Control Modifications Work Plan, dated August 6, 2024). These enclosures were ready to be connected to negative air machines on the planned start date of March 6, 2025.
3. Seven cubic yards (9.86 tons) of ¾" bluestone (ASTM5) was delivered to the Site on March 6, 2025, for use in the SSDS pits and a sub-base layer for the ramp area, after removal, and prior to paving.
4. Between March 6 and March 7, 2025, the ramp area in the former shipping and receiving area along N. 6th Street (e.g., Slab Modification Area 2) had all concrete and a few drums worth of soil removed. A total of 17 concrete drums and 3 drums of soil were removed from the ramp area. After removal, a 3–4-inch sub-base layer of ¾-inch bluestone (ASTM5) was placed across the former ramp area and it was paved to match the surrounding slab grade across the recessed slab area. This work was completed by the end of the workday on March 7, 2025.

5. From March 6 through March 7, 2025, three (3) existing SSDS pits (V-3, V-4 & V-5) were replaced with new pits installed within close proximity (within 10-20 ft) so they were in line with structural columns. These pits were relocated so that the vertical riser pipes could be installed within wall plenums during upcoming renovation work for commercial tenant spaces on the first-floor level.
6. On March 7, 2025, one new SSDS pit (V-7) was installed at the northwest portion of the first-floor area to provide improved coverage in an area which had historically low to non-existent sub-slab differential pressures.
7. Between March 7 and March 10, 2025, the former shipping and receiving area (which has a recessed slab level approximately 12-18 inches below the slab across the remaining first floor slab), was confirmed to have a steel plate present between two layers of concrete. As such, it was determined that the proposed SSDS pit location, V-8, could not be installed. Furthermore, it seems as if this area would represent a dead zone that would be infeasible to induce sub-slab differential pressures. This explains why differential pressure measurements could not be obtained at vapor monitoring point, PV-6RR. Slab Modification Area 2 (the ramp area) which was recently replaced did not have a steel plate beneath it; however, because it was in such close vicinity to SSDS pit, V-3, we decided it was not an ideal location for V-8. It was decided to continue the SSDS modifications without the addition of SSDS pit, V-8.
    a. All SSDS pits, the ramp/slab modification area, and other features described above are shown in **Figure 1**.
8. Conducted air monitoring (CAMP) with two air monitoring stations on the first floor and a second station on the third floor.
9. From March 10 through March 14, 2025, the above slab piping associated with the four new SSDS pits was tied into the existing riser piping. Ball valves and airflow velocity port holes were installed in the piping just above the new SSDS pits.
10. Drums were staged in the former shipping and receiving area in a quarantined area which remained locked and secured after SSDS pit installation/slab modifications. A total of 32 drums including 20 concrete and 12 soil drums were labeled hazardous waste on March 10, 2025, pending pickup by the disposal facility.
11. An EPA ID was updated on March 24, 2025. We had initially requested a new EPA ID; however, because this Site already had an existing EPA ID Number, our request was withdrawn, and the existing ID number records were updated. US EPA Region 2 advised us to continue the use of Handler ID NYR000113480 for all waste generated during work at the Site. After confirmation of an EPA ID number, we requested that the disposal facility pick up the drums ASAP.
12. On March 14, 2025, the SSDS equipment (e.g., blower, carbon drums, etc) were relocated from a room on the south side of the first floor to a sound enclosure on the rooftop. This required a new electrical connection, and the activated carbon was replaced in the two drums. The system was reactivated by the end of the day with the system only being turned off for approximately 8 hours.
    a. The rooftop location is shown in **Figure 2**.

13. Rock Enviro returned to the Site on March 17, 2025, and found the SSDS to be operating properly. The system was to be inspected and monitored on a weekly basis, until the NYSDEC was satisfied that it was operating properly.
14. The first weekly inspection was conducted on March 21, 2025. This included an inspection of drum storage area and confirmed it is secure and tamper free. An inspection of all system piping and ensured all piping was airtight. A round of airflow-velocity measurements and at all SSDS pits – first week after the SSDS equipment was relocated. A round of differential pressure measurements at all monitoring points – first week after the SSDS equipment was relocated. Additionally, two (2) air-tight plugs were installed in horizontal/pitched piping in hallway on the south side of the first floor. These plugs were installed for ongoing maintenance of the system where liquids were observed to accumulate within system piping.
15. Collected a total of twenty-two (22) indoor air quality (IAQ) samples before the end of the 2024/2025 heating season. A total of 20 indoor ambient air samples (including one duplicate sample) and 2 outdoor ambient air samples. Samples were collected between March 24 and March 25, 2025, and submitted to the lab on 3/26/2025 for standard turnaround time analysis of VOCs by EPA Method TO-15.
    a. First floor sample locations are shown in **Figure 3,** and second floor sample locations are shown in **Figure 4**.
16. The second weekly inspection was conducted on March 28, 2025, and included an inspection of drum storage area and confirmed it is secure and tamper free, an inspection of all system piping and ensured all piping was airtight, a second round of airflow-velocity measurements and differential pressure measurements was conducted the second week after the SSDS equipment was relocated.
17. Installed differential pressure gauges at all SSDS pit locations on March 28, 2025.
18. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area at 135 Kent Avenue on March 30, 2025. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
19. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
20. Collected pressure and PID readings from the system before and after activated carbon drums.
21. Inspected all system piping and looked for leaks.
22. The drums were rescheduled for pick up on April 9, 2025. The drum pick up had to be rescheduled as the drum contractor could not access the drum storage space along North 6th Street due to construction activities at the development site (133 Kent Avenue) which blocked access to N. 6th Street during the initial pickup.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on March 30, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,804	1.8
V-2	1,094	1.8
V-3	1,147	2.1
V-4	1,219	1.9
V-5	1,010	1.8
V-6	1,075	2.4
V-7	1,066	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.099
PV-3R	-0.112
PV-4RR	-0.063
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.038
PV-8R	-0.026
PV-10RRR	-0.032
PV-11RRR	-0.030

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. Differential Pressure Gauges were added to the SSDS risers on 3/28/2025.
6. * = PV-6RRR is located in a dead zone, possibly within a structural footing, and in an area where a steel plate covers a large area (across most of the recessed slab area).

ENGINEERING CONTROL MODIFICATIONS

A teleconference was held between NYSDEC, Rock Enviro, Matrix and representatives from 135 Kent Ave LLC on January 13, 2025, to discuss proposed renovations at 135 Kent Avenue and Interim Remedial Measures (IRM) and engineering control modifications (ECMs). The scope of work specified in the IRMWP and ECMWP was summarized to ensure that all parties agreed and understood these report's requirements and objectives. Per the request of NYSDEC, Matrix prepared IRMWP Addendum #3 on January 14, 2025, detailing how noise/vibration associated with the proposed rooftop location for SSDS equipment will be mitigated. Rock Enviro replaced all ten VMPs across the Site on January 29, 2025. 135 Kent LLC sent an email notification to the residential tenants on the second floor on January 23, 2025. The notification advised clients that SSDS and slab modifications were tentatively scheduled to begin as soon as February 3 or February 5, 2025. However, the SSDS and slab modifications did not commence until March 6, 2025. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro created a flyer/notice that was hung on walls in public corridors throughout the building prior to the start of SSDS modifications work. A Pre-Construction teleconference was held on February 4, 2025. Representatives of NYSDEC, NYSDOH, Rock Enviro, Matrix, 135 Kent LLC, and all subcontractors (including Coastal Environmental Solutions and Veolia North America) were in attendance. The EC Modifications were tentatively scheduled for February 2025; however, the work was rescheduled until after the DOB approved updated mechanical plans which include details for the proposed SSDS modifications. The SSDS and slab modification work was conducted in March 2025 and is described as follows:

1. Between February 25 and March 3, 2025, enclosures were constructed around the proposed new SSDS pit areas across the first-floor renovation space, and at a ramp located on the northeast portion of the building in the former shipping and receiving area along N. 6th Street. These enclosures were ready to be connected to negative air machines on the planned start date of March 6, 2025.
2. New 55-gallon drums were delivered to the Site on March 3, 2025, prior to the start of SSDS pit installation and slab modification work.
3. ¾" bluestone (ASTM5) was delivered to the Site on March 6, 2025, for use in the SSDS pits and a sub-base layer for the ramp area, after removal, and prior to paving.
4. Between March 6 and March 7, 2025, the ramp area in the former shipping and receiving area along N. 6th Street (e.g., Slab Modification Area 2) had all concrete and a few drums worth of soil removed. After removal, a 3–4-inch sub-base layer of ¾-inch bluestone (ASTM5) was placed across the former ramp area and it was paved to match the surrounding slab grade across the recessed slab area.
5. From March 6 through March 7, 2025, three (3) existing SSDS pits (V-3, V-4 & V-5) were replaced with new pits installed within close proximity (within 10-20 ft) so they were in line with structural columns. These pits were relocated so that the vertical riser pipes could be installed within wall plenums during upcoming renovation work for commercial tenant spaces on the first-floor level.

6. On March 7, 2025, one new SSDS pit (V-7) was installed at the northwest portion of the first-floor area to provide improved coverage in an area which had historically low to non-existent sub-slab differential pressures.
7. Between March 7 and March 10, 2025, the former shipping and receiving area (which has a recessed slab level approximately 12-18 inches below the slab across the remaining first floor slab), was confirmed to have a steel plate present between two layers of concrete. As such, it was determined that the proposed SSDS pit location, V-8, could not be installed. Furthermore, it seems as if this area would represent a dead zone that would be infeasible to induce sub-slab differential pressures. All SSDS pits, the ramp/slab modification area, and other features described above are shown in **Figure 1**.
8. Conducted air monitoring (CAMP) with two air monitoring stations on the first floor and a second station on the third floor.
9. From March 10 through March 14, 2025, the above slab piping associated with the four new SSDS pits was tied into the existing riser piping. Ball valves and airflow velocity port holes were installed in the piping just above the new SSDS pits.
10. Drums were staged in the former shipping and receiving area in a quarantined area which remained locked and secured after SSDS pit installation/slab modifications.
11. An EPA ID was updated on March 24, 2025.
12. On March 14, 2025, the SSDS equipment (e.g., blower, carbon drums, etc) were relocated from a room on the south side of the first floor to a sound enclosure on the rooftop. The rooftop location is shown in **Figure 2**.
13. Rock Enviro returned to the Site on March 17, 2025, and found the SSDS to be operating properly.
14. The first weekly inspection was conducted on March 21, 2025.
15. Conducted indoor air quality (IAQ) sampling before the end of the 2024/2025 heating season. Samples were collected between March 24 and March 25, 2025, and submitted to the lab on 3/26/2025 for standard turnaround time analysis of VOCs by EPA Method TO-15. First floor sample locations are shown in **Figure 3,** and second floor sample locations are shown in **Figure 4**.
16. The second weekly inspection was conducted on March 28, 2025.
17. Installed differential pressure gauges at all SSDS pit locations on March 28, 2025.
18. Conducted a monthly monitoring event on March 30, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the April 2025 reporting period:

- Drums are scheduled for pick up on April 9, 2025. The drum pick up had to be rescheduled as the drum contractor could not access the drum storage space along North 6th Street due to construction activities at the development site (133 Kent Avenue) which blocked access to N. 6th Street during the initial pickup. The disposal contractor (Veolia North America) that provided

sealable drums will treat hazardous soil and concrete waste. Waste disposal anticipated for this project includes RCRA PCE soil (F002/U210) via Stabilization Process Code OT46, and RCRA PCE concrete microencapsulation Process Code LF24.

- The SSDS will continue to be inspected and monitored on a weekly basis, until the NYSDEC is satisfied that the system is operating properly.
- The results of the March 24-March 25, 2025, indoor air quality (IAQ) sampling will be reported to NYSDEC & NYSDOH. This will include tenant notification letters for all spaces where sampling was conducted.
- The differential pressure gauges installed do not appear to be maintaining consistent readings and therefore may require replacement. The specified magnehelic gauges (Dwyer Model 2005) worked well; however, it was difficult to secure a 4-5-inch wide by 2 ¼-inch thick gauge that weigh 1.5 pounds to 2-inch diameter PVC piping. The Model 2005-gauge installation was flimsy and seemed likely to be damaged. As such, we installed 2.5-inch diameter gauges. However, the most accurate gauges we could find in that size read from 0 to -30 inches water column (in WC) and they were liquid filled. I believe these would be more appropriate for installations where a higher vacuum reading was consistently present. The instructions said in low vacuum conditions, you can remove the gauges and "burp" the gauge by removing the gauge, opening the rubber seal at the top of the gauge to release any internal pressure, and then reinstall. This worked (as you can see in photo exhibits 1-4), but it didn't hold for more than a couple of days. We are currently searching for some new gauges in a 2.5-inch diameter size with more accuracy at low differential pressure levels.
- Rock Enviro plans to contact the ownership/management for the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building in April 2025. Those communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding April 2025 activities will be provided in the next monthly monitoring report, due May 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for

several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM MARCH 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 03/30/2025
Start Time: 09:35
End Time: 12:40
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.099
PV-3R	-0.112
PV-4RR	-0.063
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.038
PV-8R	-0.026
PV-10RRR	-0.032
PV-11RRR	-0.030

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,804	15°	1.8
V-2	1,094	15°	1.8
V-3	1,147	0°	2.1
V-4	1,219	0°	1.9
V-5	1,010	0°	1.8
V-6	1,075	0°	2.4
V-7	1,066	15°	1.6

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. Differential Pressure Gauges were added to the SSDS risers on 3/28/2025. All gauges had to be "burped" to recalibrate gauges and get readings.
6. * = PV-6RRR is located in a dead zone, possibly within a structural footing, and in an area where a steel plate covers a large area (across most of the recessed slab area).

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	0.7	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor (Post SSDS Mods)

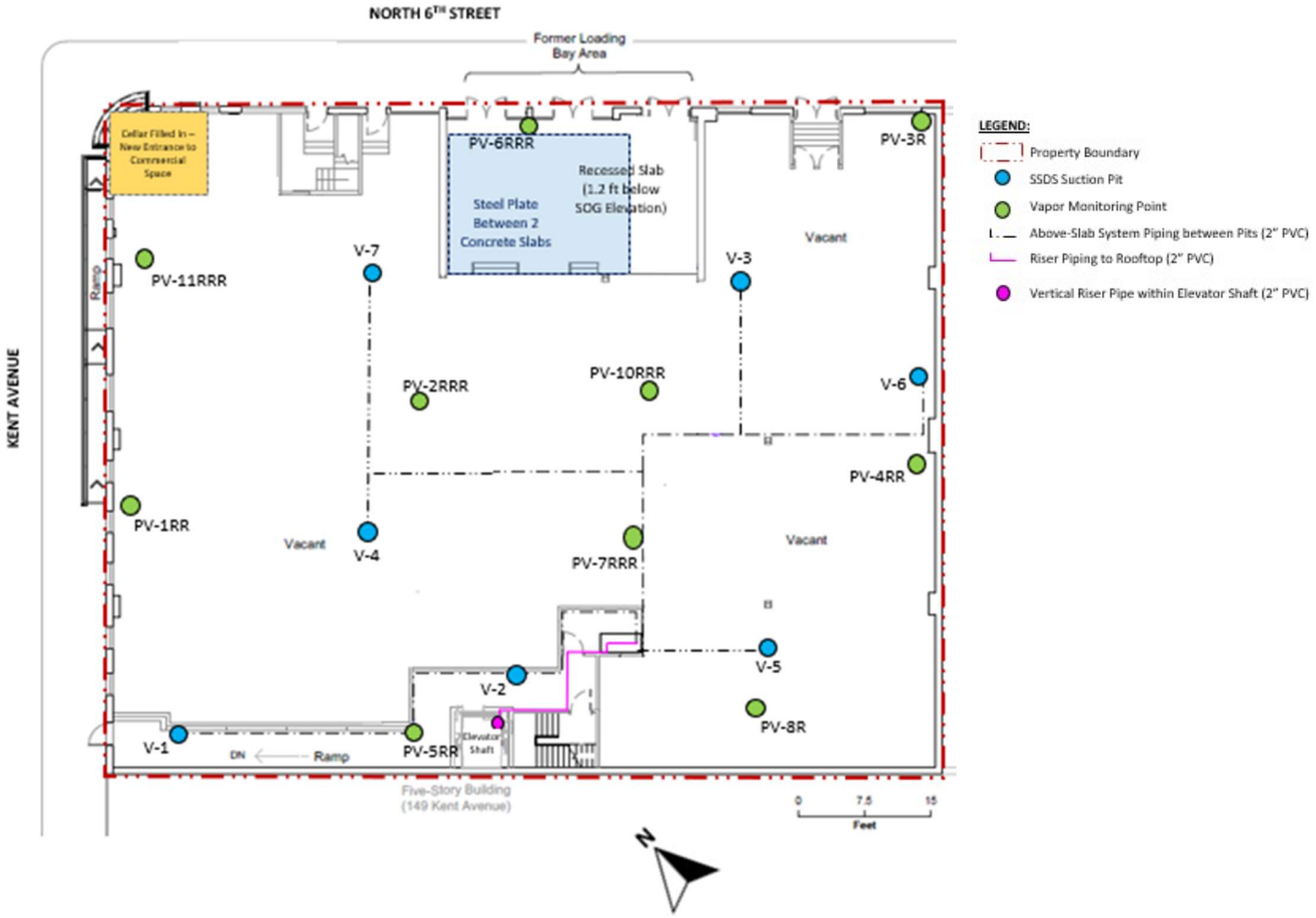


Figure 2 – Rooftop (Post SSDS Mods)

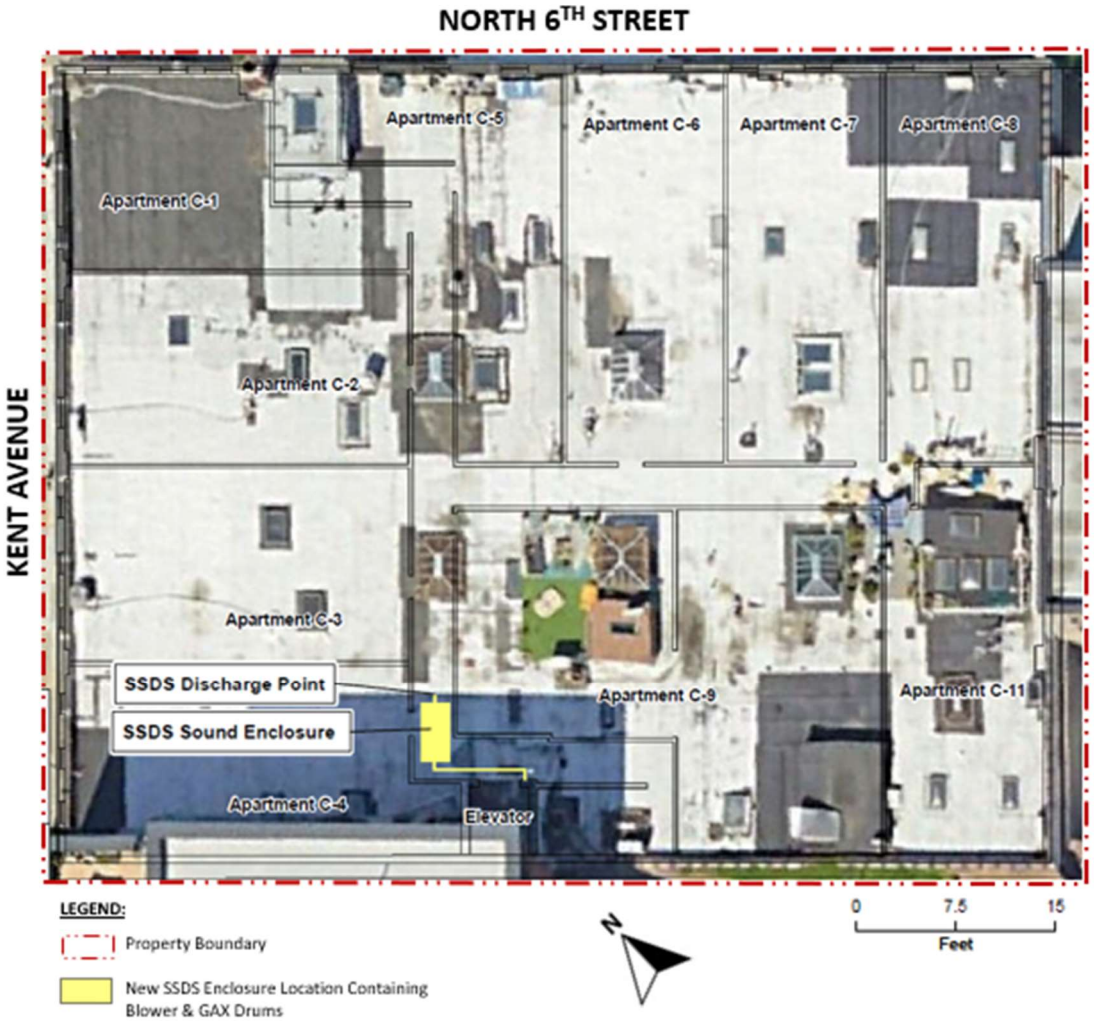


Figure 3 – First Floor IAQ Sample Locations Map

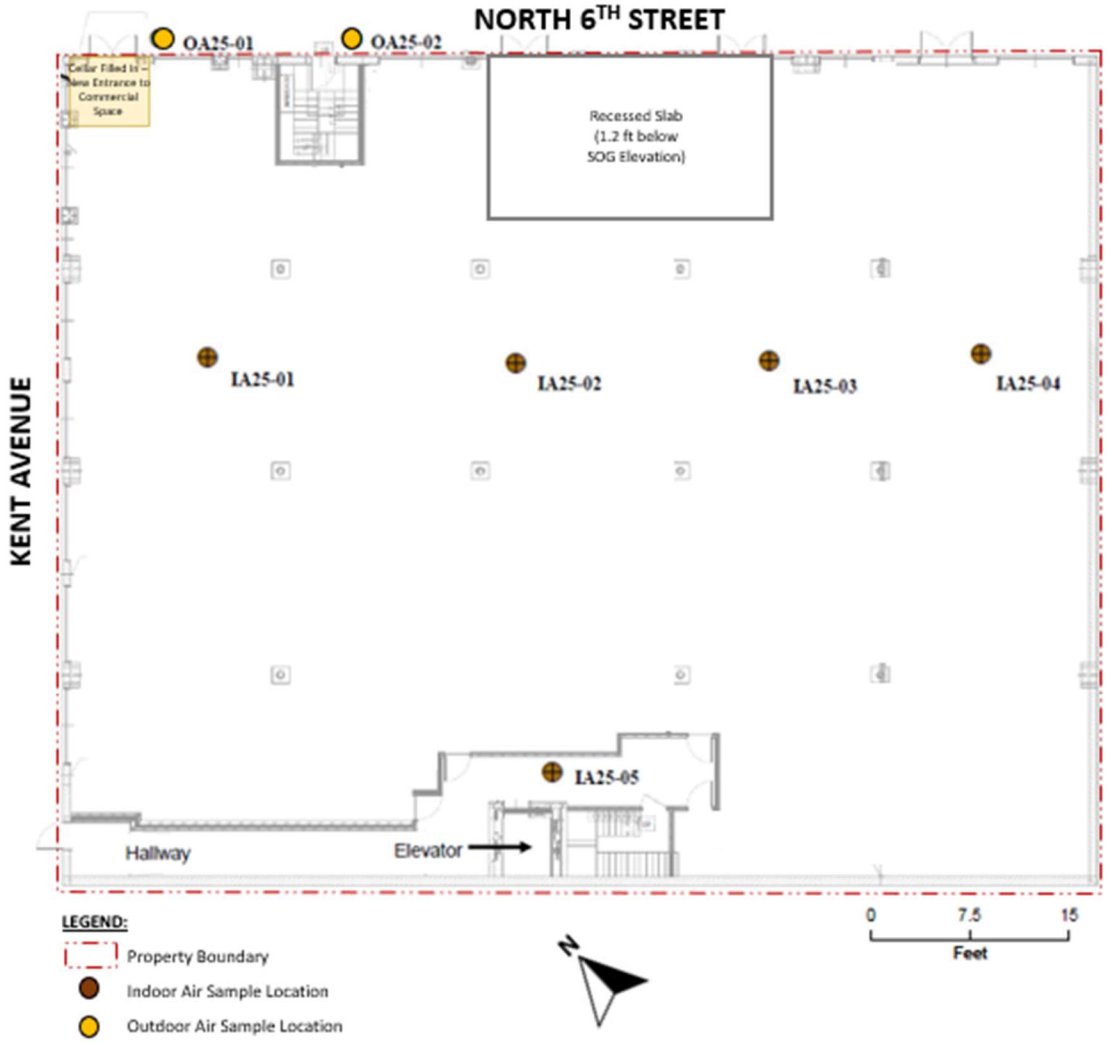
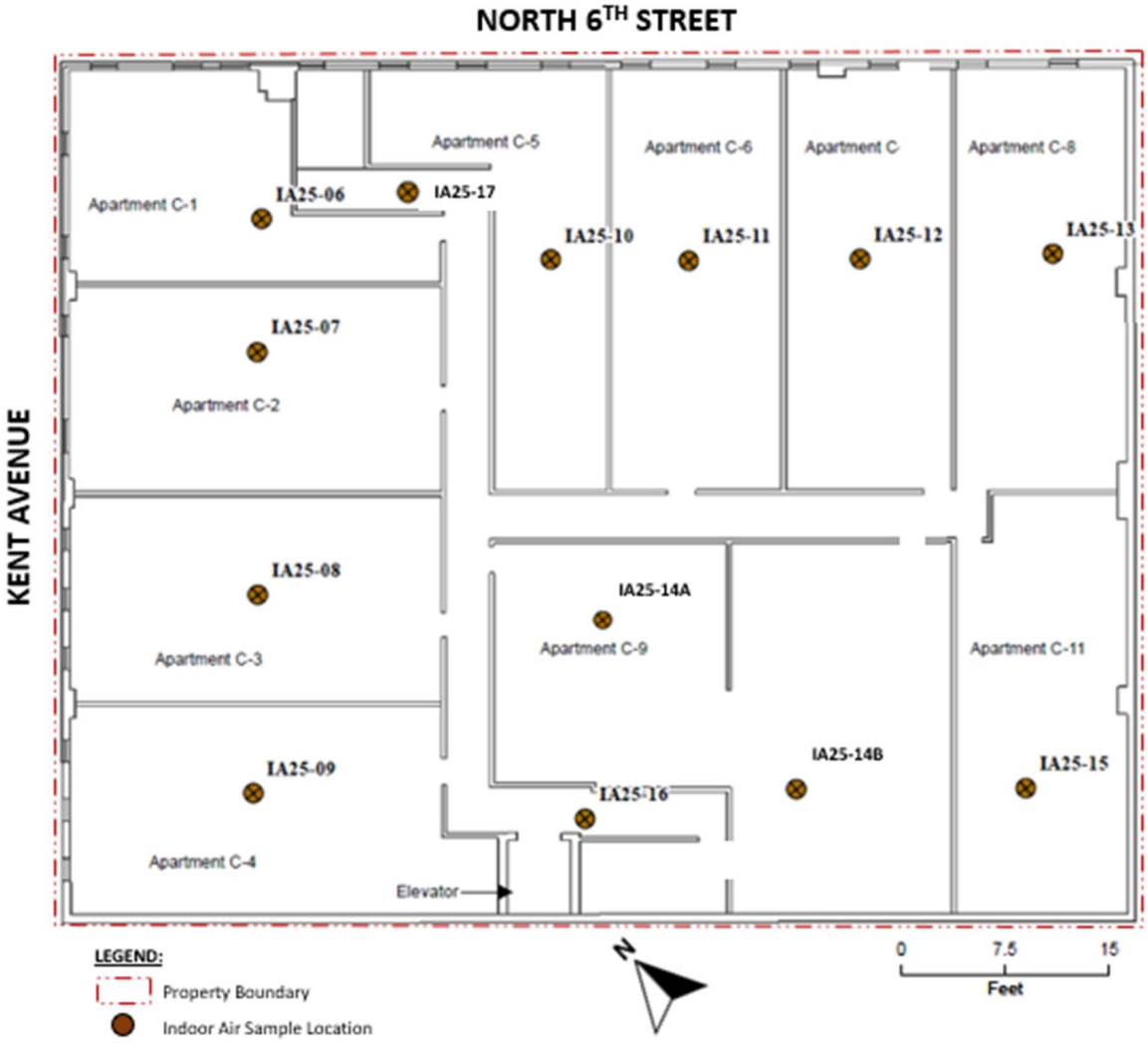


Figure 4 – Second Floor IAQ Sample Locations Map



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **May 9, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of April 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Conducted weekly inspections for the first two weeks of April 2025 and submitted weekly status reports to NYSDEC and NYSDOH.
2. Thirty-two (32) drums including 20 drums of hazardous concrete chunks and 12 drums of hazardous soil were picked up from the Site on April 9, 2025. All hazardous materials were removed under Generator ID Number NYR000113480. This is the same number originally assigned to the Cleaners Sales & Equipment Corp Site. All 32 drums were removed under Manifest Tracking number 002086074 by Veolia ES Technical Solutions.
3. Submitted tenant notification letters and the results of the March 24 to March 25, 2025, indoor air quality sampling results to NYSDEC on April 11, 2025.
4. Submitted a revised data table with IAQ data to NYSDEC on April 21, 2025.
5. NYSDEC instructed Rock Enviro to have the data validated and then revised tenant notification letters can be sent. The DUSR is currently being prepared.
6. Conducted a site inspection with the NYSDEC Project Manager, Wendy Zheng, the remedial engineer, Sean Carter with Matrix Environmental Engineering PLLC, and environmental consultants, Robert M. Bennett and Jason Gellati with Rock Enviro, LLC on April 24, 2025. The inspection included a full inspection of the entire building and rooftop (excluding residential spaces on the second floor). Airflow/velocity measurements and sub-slab differential pressure

measurements were demonstrated with NYSDEC in attendance to show an improved sub-slab vacuum had been achieved between the SSDS pit replacement and slab repairs.

7. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area at 135 Kent Avenue on April 30, 2025. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
8. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
9. Collected pressure and PID readings from the system before and after activated carbon drums.
10. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on April 30, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,697	1.7
V-2	1,125	1.5
V-3	1,151	1.8
V-4	1,098	1.8
V-5	988	1.6
V-6	995	1.9
V-7	1,014	1.7

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.026
PV-2RRR	-0.083
PV-3R	-0.037
PV-4RR	-0.069
PV-5RR	-0.009
PV-6RRR	-0.008
PV-7RRR	-0.072
PV-8R	-0.067
PV-10RRR	-0.058
PV-11RRR	-0.024

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
6. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. This may be attributed to slab repairs as well.

ENGINEERING CONTROL MODIFICATIONS

A teleconference was held between NYSDEC, Rock Enviro, Matrix and representatives from 135 Kent Ave LLC on January 13, 2025, to discuss proposed renovations at 135 Kent Avenue and Interim Remedial Measures (IRM) and engineering control modifications (ECMs). The scope of work specified in the IRMWP and ECMWP was summarized to ensure that all parties agreed and understood these report's requirements and objectives. A Pre-Construction teleconference was held on February 4, 2025. Representatives of NYSDEC, NYSDOH, Rock Enviro, Matrix, 135 Kent LLC, and all subcontractors (including Coastal Environmental Solutions and Veolia North America) were in attendance. The EC Modifications were tentatively scheduled for February 2025; however, the work was rescheduled until after the DOB approved updated mechanical plans which include details for the proposed SSDS modifications. The SSDS and slab modifications commenced on March 6, 2025, and were completed with the equipment compound relocated to the rooftop by March 14, 2025. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025 and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025 and the monthly monitoring event was conducted on April 30, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the April 2025 reporting period:

- The results of the March 24-March 25, 2025, indoor air quality (IAQ) sampling was reported to NYSDEC & NYSDOH on April 11, 2025. This included tenant notification letters for all spaces where sampling was conducted. Rock submitted a revised data table with IAQ data to NYSDEC on April 21, 2025, as per NYSDEC's comments. NYSDEC instructed Rock Enviro to have the data validated and then revised tenant notification letters can be sent. The DUSR is currently being prepared.
- The differential pressure gauges installed do not appear to be maintaining consistent readings and therefore require replacement. As discussed during the onsite meeting with NYSDEC, Rock and Matrix in attendance, the Dwyer Model 2005 magnehelic gauges work well but we had difficulty installing the large gauges on the small 2-inch PVC pipe. SSDS Pits V-1, V-2, and V-6 are located adjacent to interior or exterior walls and the gauges can be affixed to the walls next to the riser. However, SSDS Pits V-3, V-4, V-5 and V-7 do not have solid walls adjacent and will require some sort of framework to secure the larger gauges. It was decided that we will need to install framework or hardware onto those four riser pipes located between columns.
- Rock Enviro plans to contact the ownership/management regarding the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building. Those communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding May 2025 activities will be provided in the next monthly monitoring report, due June 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM APRIL 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 04/30/2025
Start Time: 09:00
End Time: 12:10
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.026
PV-2RRR	-0.083
PV-3R	-0.037
PV-4RR	-0.069
PV-5RR	-0.009
PV-6RRR	-0.008
PV-7RRR	-0.072
PV-8R	-0.067
PV-10RRR	-0.058
PV-11RRR	-0.024

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,697	15°	1.7
V-2	1,125	15°	1.5
V-3	1,151	0°	1.8
V-4	1,098	0°	1.8
V-5	988	0°	1.6
V-6	995	0°	1.9
V-7	1,014	15°	1.7

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
6. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. This may be attributed to slab repairs as well.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	42	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	0.7	
After Lag Drum	Gauge PI104 Sample Port	20	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor (Post SSDS Mods)

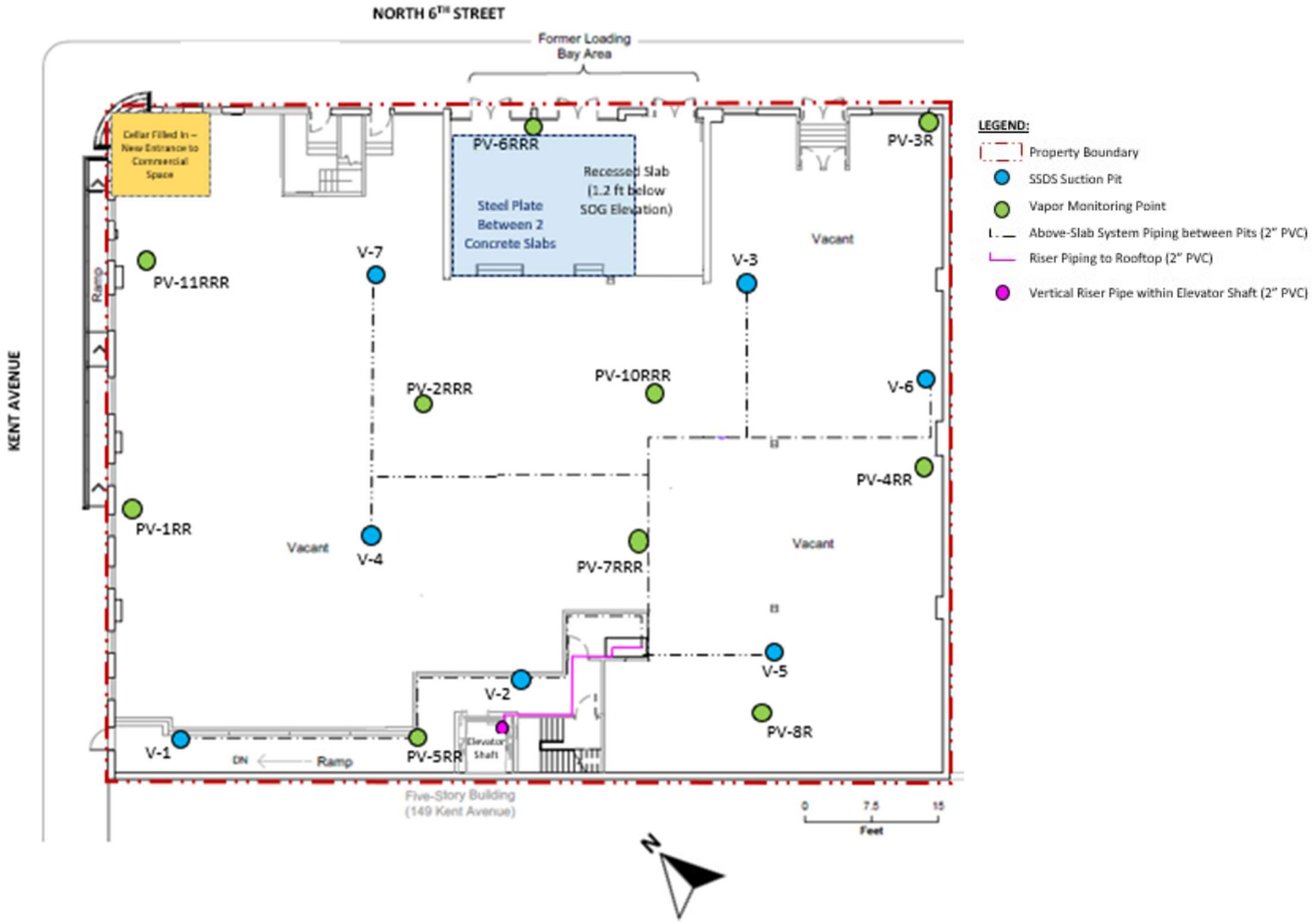
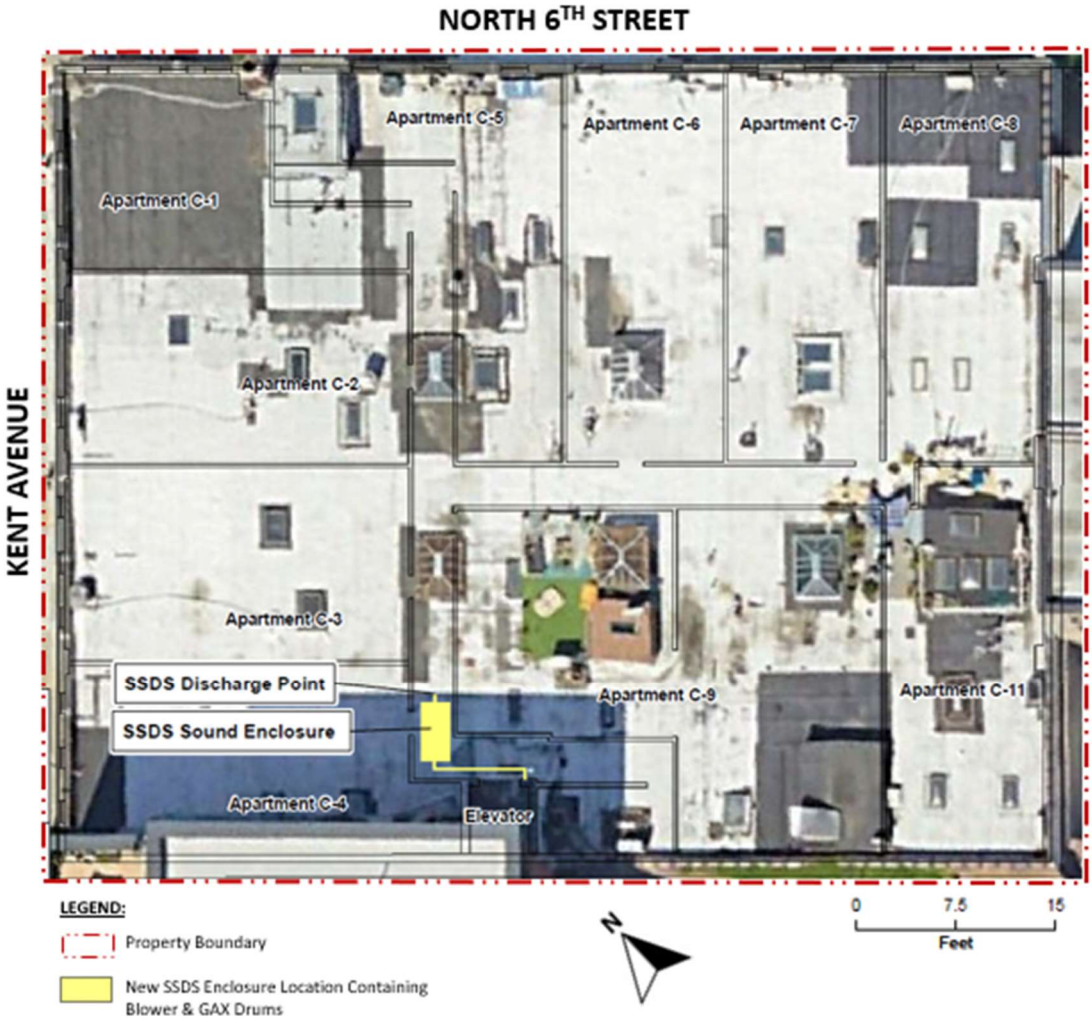


Figure 2 – Rooftop (Post SSDS Mods)



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **June 10, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of May 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. NYSDEC instructed Rock Enviro to have the data validated and then revised tenant notification letters can be sent. The DUSR will be ready in early June 2025.
2. A teleconference was held on May 28, 2025, to discuss the possibility of dropping the slab 1-3 feet across all commercial portions of the first floor. NYSDEC, NYSDOH, 135 Kent LLC, Rock Enviro and Matrix Environmental Engineering PLLC were in attendance for the call. An approach for completing such work was discussed for consideration. If the client decides to proceed with this plan, a new IRMWP would need to be prepared and submitted to NYSDEC for review and the IRM would be subject to public comment. Rock Enviro is awaiting a decision from 135 Kent LLC and will update NYSDEC of any decisions made regarding further slab work.
3. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in June or July 2025.
4. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area at 135 Kent Avenue on May 30, 2025. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.

5. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
6. Collected pressure and PID readings from the system before and after activated carbon drums.
7. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on May 30, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,720	1.8
V-2	1,063	1.6
V-3	1,094	1.8
V-4	985	1.8
V-5	1,002	1.7
V-6	998	2.1
V-7	1,022	1.7

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.028
PV-2RRR	-0.079
PV-3R	-0.098
PV-4RR	-0.070
PV-5RR	-0.010
PV-6RRR	-0.007
PV-7RRR	-0.059
PV-8R	-0.031
PV-10RRR	-0.057
PV-11RRR	-0.028

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to slab repairs.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was only off for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring event has resumed with the monitoring on April 30, 2025, and May 30, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the June 2025 reporting period:

- The results of the March 24 & March 25, 2025, indoor air quality (IAQ) sampling was reported to NYSDEC & NYSDOH on April 11, 2025. This included tenant notification letters for all spaces where sampling was conducted. Rock submitted a revised data table with IAQ data to NYSDEC on April 21, 2025, as per NYSDEC's comments. NYSDEC instructed Rock Enviro to have the data validated and then revised tenant notification letters can be sent. The DUSR is currently being prepared and is expected to be ready for submission to NYSDEC in June 2025.
- Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Once available, the filter media will need to be replaced in all operating air filtration units. Rock will need access to all tenant spaces for this work. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in June or July 2025.
- The differential pressure gauges installed do not appear to be maintaining consistent readings and therefore require replacement. As discussed during the onsite meeting with NYSDEC, Rock and Matrix in attendance, the Dwyer Model 2005 magnehelic gauges work well but we had difficulty installing the large gauges on the small 2-inch PVC pipe. SSDS Pits V-1, V-2, and V-6 are located adjacent to interior or exterior walls and the gauges can be affixed to the walls next to the riser. However, SSDS Pits V-3, V-4, V-5 and V-7 do not have solid walls adjacent and will require some sort of framework to secure the larger gauges. It was decided that we will need to install framework or hardware onto those four riser pipes located between columns. This work will be completed in June or July of 2025.
- Rock Enviro plans to contact the ownership/management regarding the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building. Those communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding June 2025 activities will be provided in the next monthly monitoring report, due July 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM APRIL 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 04/30/2025
Start Time: 09:00
End Time: 12:10
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.028
PV-2RRR	-0.079
PV-3R	-0.098
PV-4RR	-0.070
PV-5RR	-0.010
PV-6RRR	-0.007
PV-7RRR	-0.059
PV-8R	-0.031
PV-10RRR	-0.057
PV-11RRR	-0.028

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,720	15°	1.8
V-2	1,063	15°	1.6
V-3	1,094	0°	1.8
V-4	985	0°	1.8
V-5	1,002	0°	1.7
V-6	998	0°	2.1
V-7	1,022	15°	1.7

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to slab repairs.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	40	No Port	
Before Lag Drum	Gauge PI103 Sample Port	34	0.8	
After Lag Drum	Gauge PI104 Sample Port	19	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor (Post SSDS Mods)

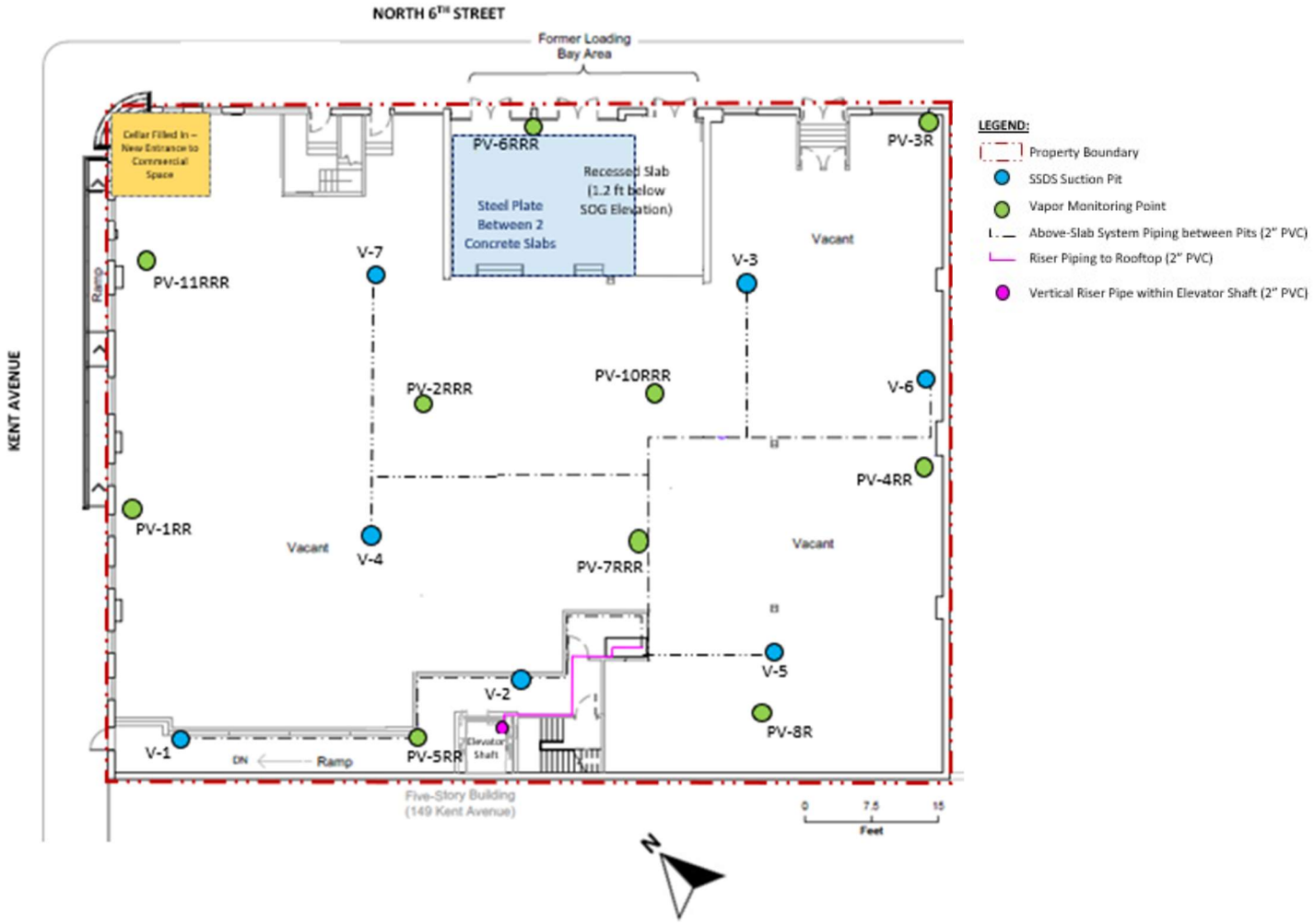
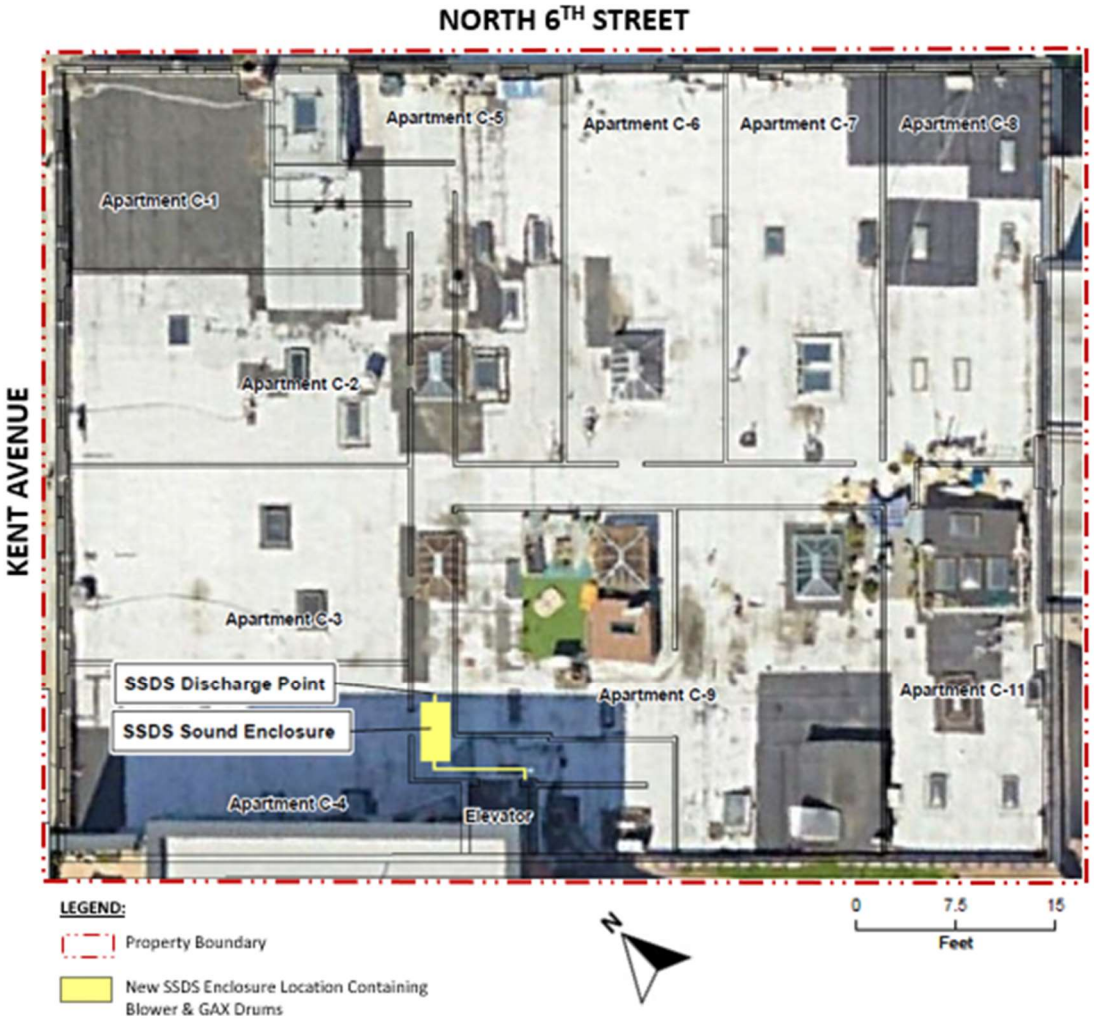


Figure 2 – Rooftop (Post SSDS Mods)



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **July 11, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of June 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. On June 25, 2025, Rock Enviro mailed the NYSDEC-approved tenant notification letters to the residential occupants of the second floor of the building. Proof of the certified mailing was provided to NYSDEC.
2. A teleconference was held on May 28, 2025, to discuss the possibility of dropping the slab 1-3 feet across all commercial portions of the first floor. NYSDEC, NYSDOH, 135 Kent LLC, Rock Enviro and Matrix Environmental Engineering PLLC were in attendance for the call. An approach for completing such work was discussed for consideration. If the client decides to proceed with this plan, a new IRMWP would need to be prepared and submitted to NYSDEC for review, and the IRM would be subject to public comment. Rock Enviro is awaiting a decision from 135 Kent LLC and will update NYSDEC of any decisions made regarding further slab work.
3. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in July 2025.
4. Rock Enviro conducted a monthly site inspection on June 30, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-

on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.

b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
c. Collected pressure and PID readings from the system before and after activated carbon drums.
d. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on June 30, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,644	1.6
V-2	989	1.4
V-3	1,091	1.6
V-4	876	1.6
V-5	950	1.5
V-6	937	1.7
V-7	1,008	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.030
PV-2RRR	-0.062
PV-3R	-0.077
PV-4RR	-0.068
PV-5RR	-0.009
PV-6RRR	-0.006
PV-7RRR	-0.063
PV-8R	-0.029
PV-10RRR	-0.055
PV-11RRR	-0.031

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was only off for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring has resumed with the monitoring on April 30, 2025, May 30, 2025, and June 30, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the June 2025 reporting period:

- Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Once available, the filter media will need to be replaced in all operating air filtration units. Rock will need access to all tenant spaces for this work. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in July or August 2025.
- The differential pressure gauges installed do not appear to be maintaining consistent readings and therefore require replacement. As discussed during the onsite meeting with NYSDEC, Rock and Matrix in attendance, the Dwyer Model 2005 magnehelic gauges work well but we had difficulty installing the large gauges on the small 2-inch PVC pipe. SSDS Pits V-1, V-2, and V-6 are located adjacent to interior or exterior walls and the gauges can be affixed to the walls next to the riser. However, SSDS Pits V-3, V-4, V-5 and V-7 do not have solid walls adjacent and will require some sort of framework to secure the larger gauges. It was decided that we will need to install framework or hardware onto those four riser pipes located between columns. This work will be completed in July or August of 2025.
- Rock Enviro has contacted the ownership/management regarding the adjacent building at 58 North 6th Street and the environmental consultant for 60 North 6th Street building. Any future communications between ownership and the ownership/consultant for 58 N. 6th Street and 60 N. 6th Street will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding July 2025 activities will be provided in the next monthly monitoring report, due August 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and

suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM JUNE 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 06/30/2025
Start Time: 09:00
End Time: 12:10
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.030
PV-2RRR	-0.062
PV-3R	-0.077
PV-4RR	-0.068
PV-5RR	-0.009
PV-6RRR	-0.006
PV-7RRR	-0.063
PV-8R	-0.029
PV-10RRR	-0.055
PV-11RRR	-0.031

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,644	15°	1.6
V-2	989	15°	1.4
V-3	1,091	0°	1.6
V-4	876	0°	1.6
V-5	950	0°	1.5
V-6	937	0°	1.7
V-7	1,008	15°	1.6

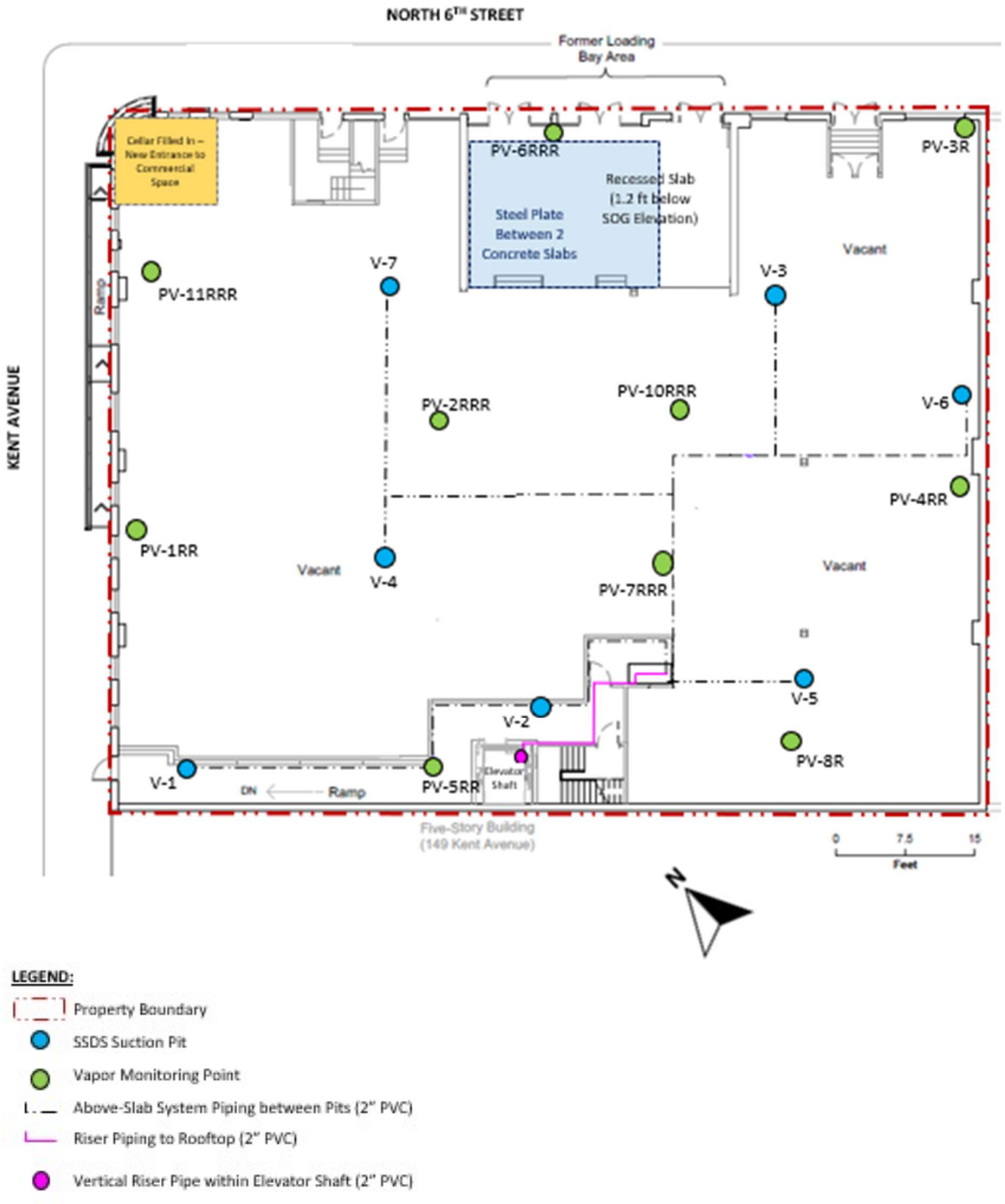
1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	40	No Port	
Before Lag Drum	Gauge PI103 Sample Port	34	0.8	
After Lag Drum	Gauge PI104 Sample Port	19	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

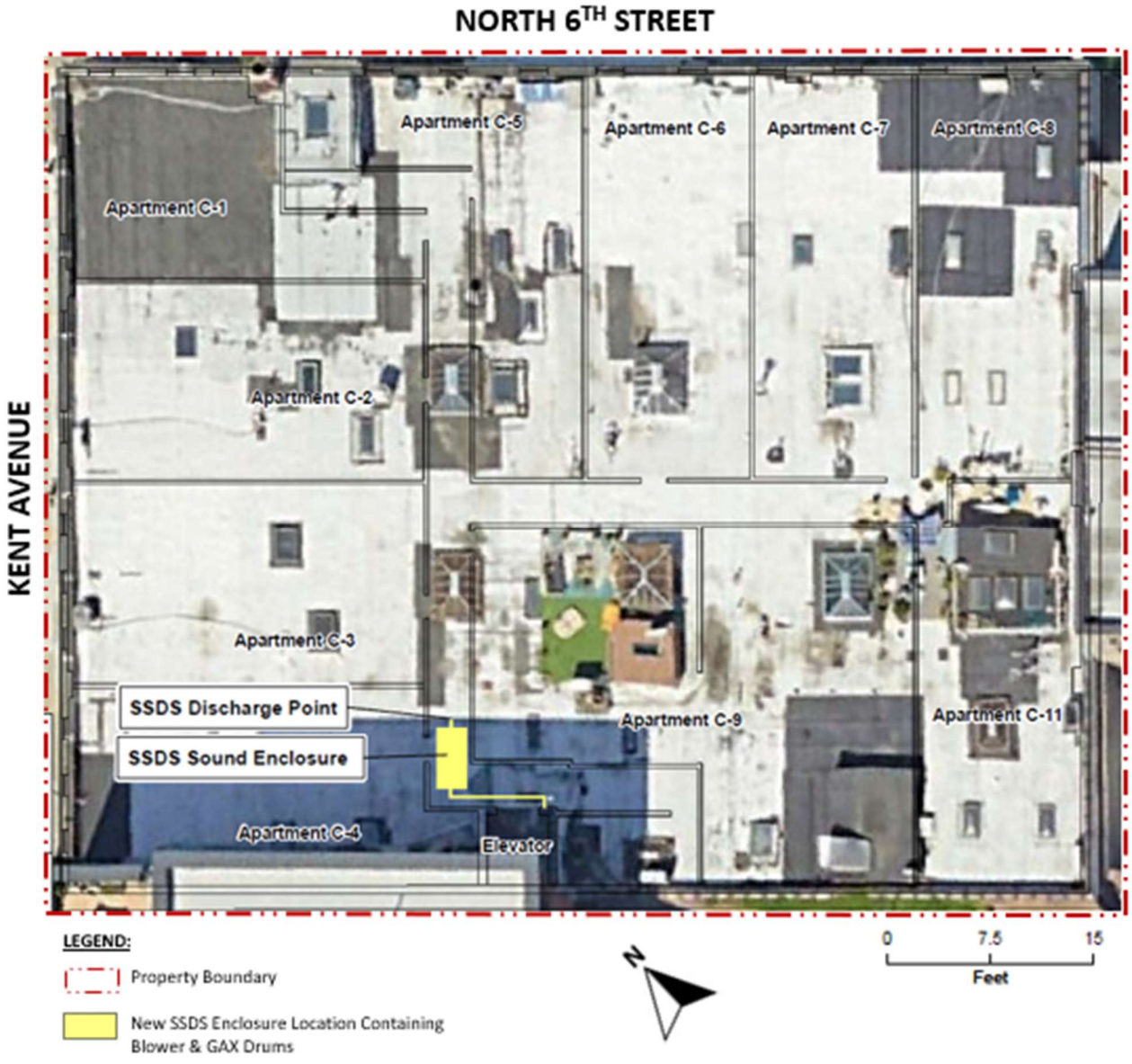
Figure 1 – First Floor (Post SSDS Mods)



LEGEND:

- Property Boundary
- SSDS Suction Pit
- Vapor Monitoring Point
- Above-Slab System Piping between Pits (2" PVC)
- Riser Piping to Rooftop (2" PVC)
- Vertical Riser Pipe within Elevator Shaft (2" PVC)

Figure 2 – Rooftop (Post SSDS Mods)



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **July 30, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of July 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. A teleconference was held on May 28, 2025, to discuss the possibility of dropping the slab 1-3 feet across all commercial portions of the first floor. NYSDEC, NYSDOH, 135 Kent LLC, Rock Enviro and Matrix Environmental Engineering PLLC were in attendance for the call. An approach for completing such work was discussed for consideration. If the client decides to proceed with this plan, a new IRMWP would need to be prepared and submitted to NYSDEC for review, and the IRM would be subject to public comment. Rock Enviro is awaiting a decision from 135 Kent LLC and will update NYSDEC of any decisions made regarding further slab work.
2. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in August 2025.
3. Rock Enviro conducted a monthly site inspection on July 29, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.

b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
c. Collected pressure and PID readings from the system before and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
d. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on July 29, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,652	1.7
V-2	1,003	1.4
V-3	1,058	1.5
V-4	910	1.6
V-5	956	1.5
V-6	943	1.8
V-7	1,015	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.034
PV-2RRR	-0.059
PV-3R	-0.074
PV-4RR	-0.063
PV-5RR	-0.008
PV-6RRR	-0.008
PV-7RRR	-0.066
PV-8R	-0.030
PV-10RRR	-0.053
PV-11RRR	-0.029

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was only off for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring event has resumed with the monitoring on April 30, 2025, and May 30, 2025. `

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the August 2025 reporting period:

- Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. Once available, the filter media will need to be replaced in all operating air filtration units. Rock will need access to all tenant spaces for this work. Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated and scheduled in August 2025.
- The differential pressure gauges installed do not appear to be maintaining consistent readings and therefore require replacement. As discussed during the onsite meeting with NYSDEC, Rock and Matrix in attendance, the Dwyer Model 2005 magnehelic gauges work well but we had difficulty installing the large gauges on the small 2-inch PVC pipe. SSDS Pits V-1, V-2, and V-6 are located adjacent to interior or exterior walls and the gauges can be affixed to the walls next to the riser. However, SSDS Pits V-3, V-4, V-5 and V-7 do not have solid walls adjacent and will require some sort of framework to secure the larger gauges. It was decided that we will need to install framework or hardware onto those four riser pipes located between columns. This work will be completed in August of 2025.
- Rock Enviro has contacted 135 Kent LLC regarding the adjacent buildings at 58 North 6th Street and 60 North 6th Street. 135 Kent LLC us currently waiting on a response from the ownership and/or environmental consultant for the two adjacent buildings. Any future communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding August 2025 activities will be provided in the next monthly monitoring report, due September 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM JULY 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 07/29/2025
Start Time: 11:30
End Time: 14:05
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.034
PV-2RRR	-0.059
PV-3R	-0.074
PV-4RR	-0.063
PV-5RR	-0.008
PV-6RRR	-0.008
PV-7RRR	-0.066
PV-8R	-0.030
PV-10RRR	-0.053
PV-11RRR	-0.029

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,652	15°	1.7
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V-5	956	0°	1.5
V-6	943	0°	1.8
V-7	1,015	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
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4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	38	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.7	
After Lag Drum	Gauge PI104 Sample Port	18	0.1	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

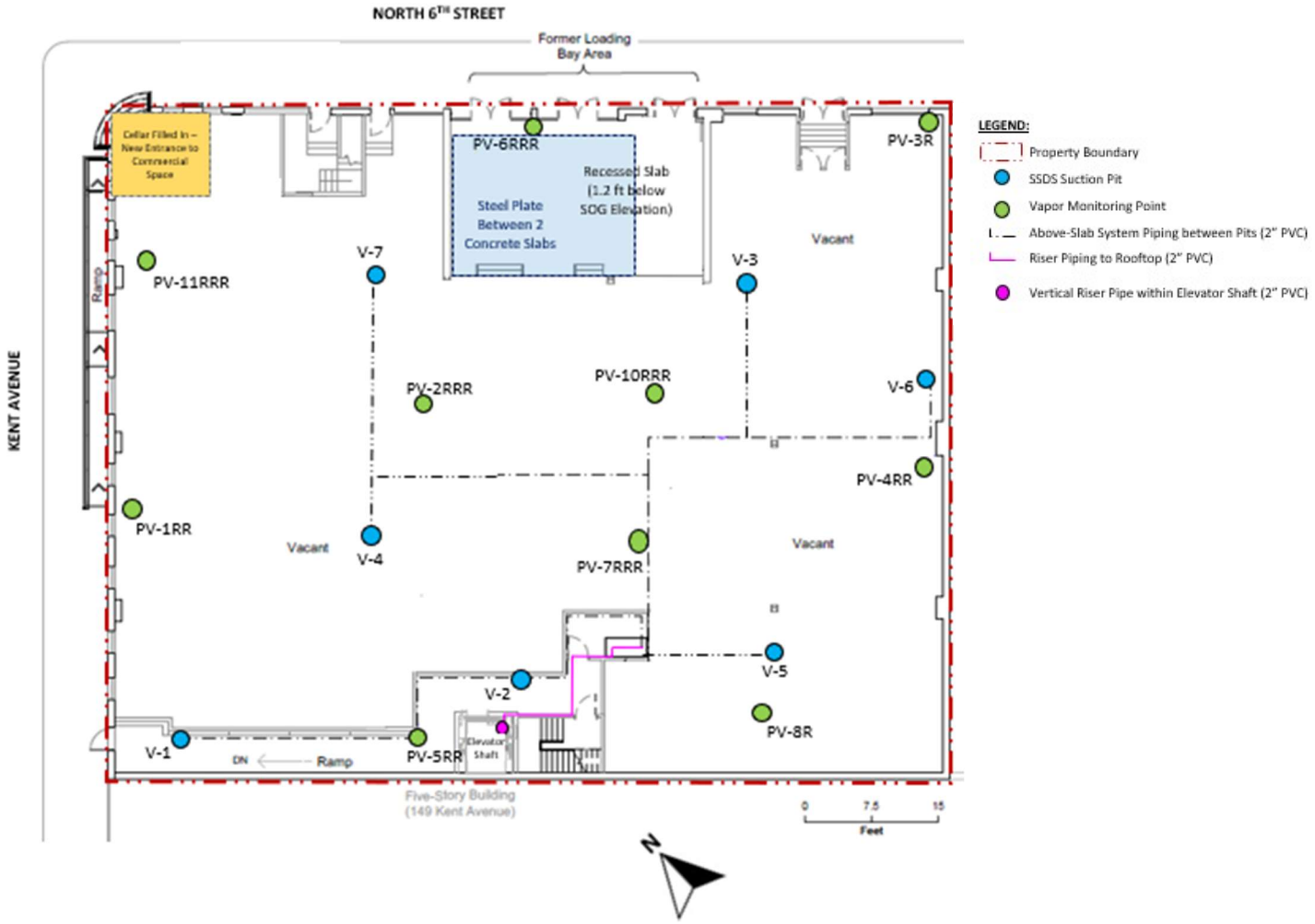
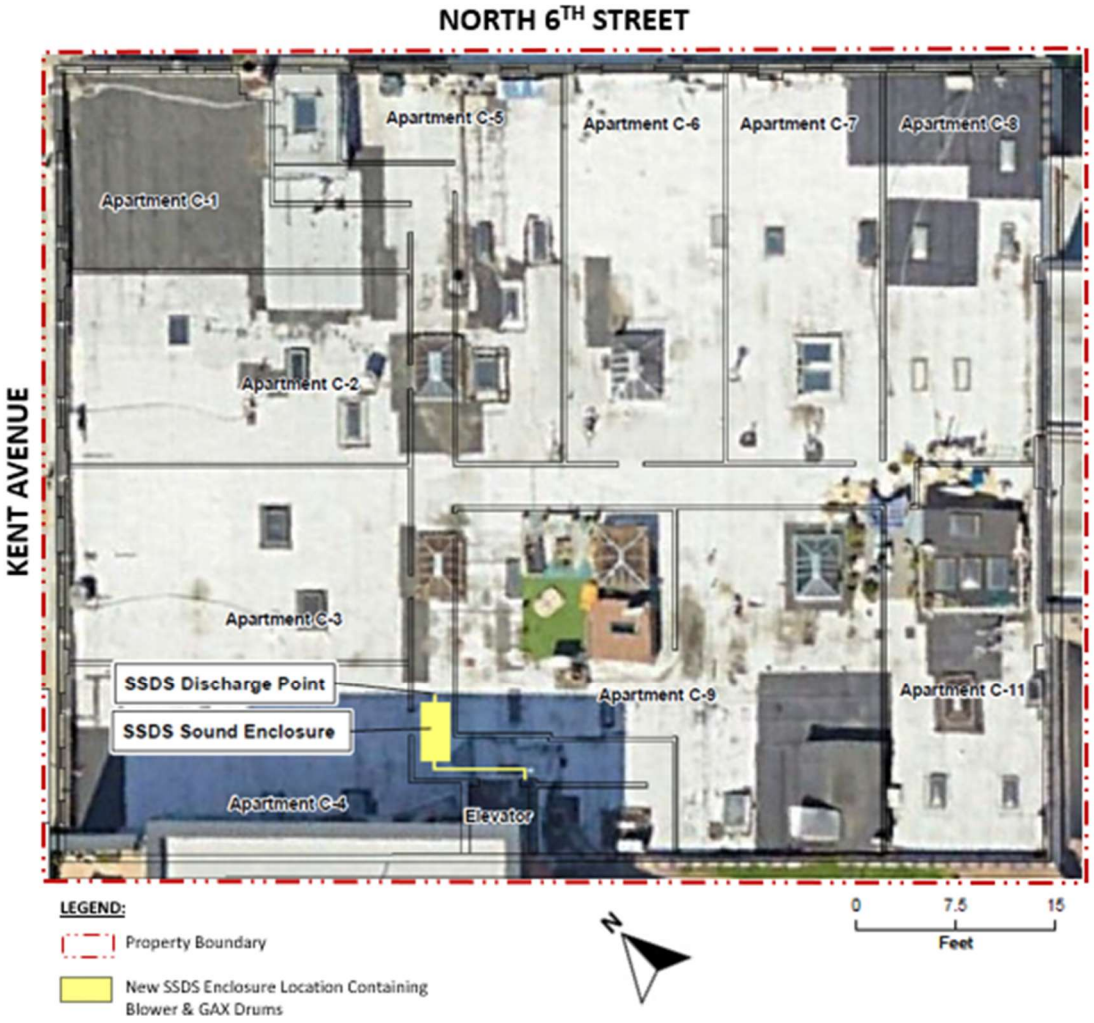


Figure 2 – Rooftop SSDS Equipment Location



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation
From: **Robert Bennett**
Date: **August 28, 2025**
Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of August 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. A teleconference was held on May 28, 2025, to discuss the possibility of dropping the slab 1-3 feet across all commercial portions of the first floor. NYSDEC, NYSDOH, 135 Kent LLC, Rock Enviro and Matrix Environmental Engineering PLLC were in attendance for the call. An approach for completing such work was discussed for consideration. If the client decides to proceed with this plan, a new IRMWP would need to be prepared and submitted to NYSDEC for review, and the IRM would be subject to public comment. Rock Enviro is awaiting a decision from 135 Kent LLC and will update NYSDEC of any decisions made regarding further slab work.
2. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated. We are currently waiting on a date when the installation of new filter media can be installed. We anticipate this work to be scheduled in September 2025.
3. The differential pressure gauges installed in April 2025 did not maintain consistent readings and therefore required replacement. Rock installed Dwyer Model 2005 magnehelic gauges using hardware and framework to secure the larger gauges. This work was completed in August of 2025.
4. Rock Enviro conducted a monthly site inspection on August 27, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-

on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.

b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
c. Collected pressure and PID readings from the system before and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
d. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on August 27, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,680	1.8
V-2	1,024	1.4
V-3	1,037	1.5
V-4	933	1.5
V-5	947	1.6
V-6	918	1.7
V-7	1,026	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.033
PV-2RRR	-0.054
PV-3R	-0.069
PV-4RR	-0.066
PV-5RR	-0.007
PV-6RRR	-0.008
PV-7RRR	-0.059
PV-8R	-0.033
PV-10RRR	-0.058
PV-11RRR	-0.027

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was only off for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring event has resumed with the monitoring on April 30, 2025, and May 30, 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the September 2025 reporting period:

- Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated. We are currently waiting on a date when the installation of new filter media can be installed. We anticipate this work to be scheduled in September 2025.
- Rock Enviro has contacted 135 Kent LLC regarding the adjacent buildings at 58 North 6th Street and 60 North 6th Street. 135 Kent LLC us currently waiting on a response from the ownership and/or environmental consultant for the two adjacent buildings. Any future communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding September 2025 activities will be provided in the next monthly monitoring report, due October 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM JULY 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 08/27/2025
Start Time: 10:25
End Time: 13:15
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.033
PV-2RRR	-0.054
PV-3R	-0.069
PV-4RR	-0.066
PV-5RR	-0.007
PV-6RRR	-0.008
PV-7RRR	-0.059
PV-8R	-0.033
PV-10RRR	-0.058
PV-11RRR	-0.027

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,680	15°	1.8
V-2	1,024	15°	1.4
V-3	1,037	0°	1.5
V-4	933	0°	1.5
V-5	947	0°	1.6
V-6	918	0°	1.7
V-7	1,026	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	36	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.6	
After Lag Drum	Gauge PI104 Sample Port	18	0.1	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

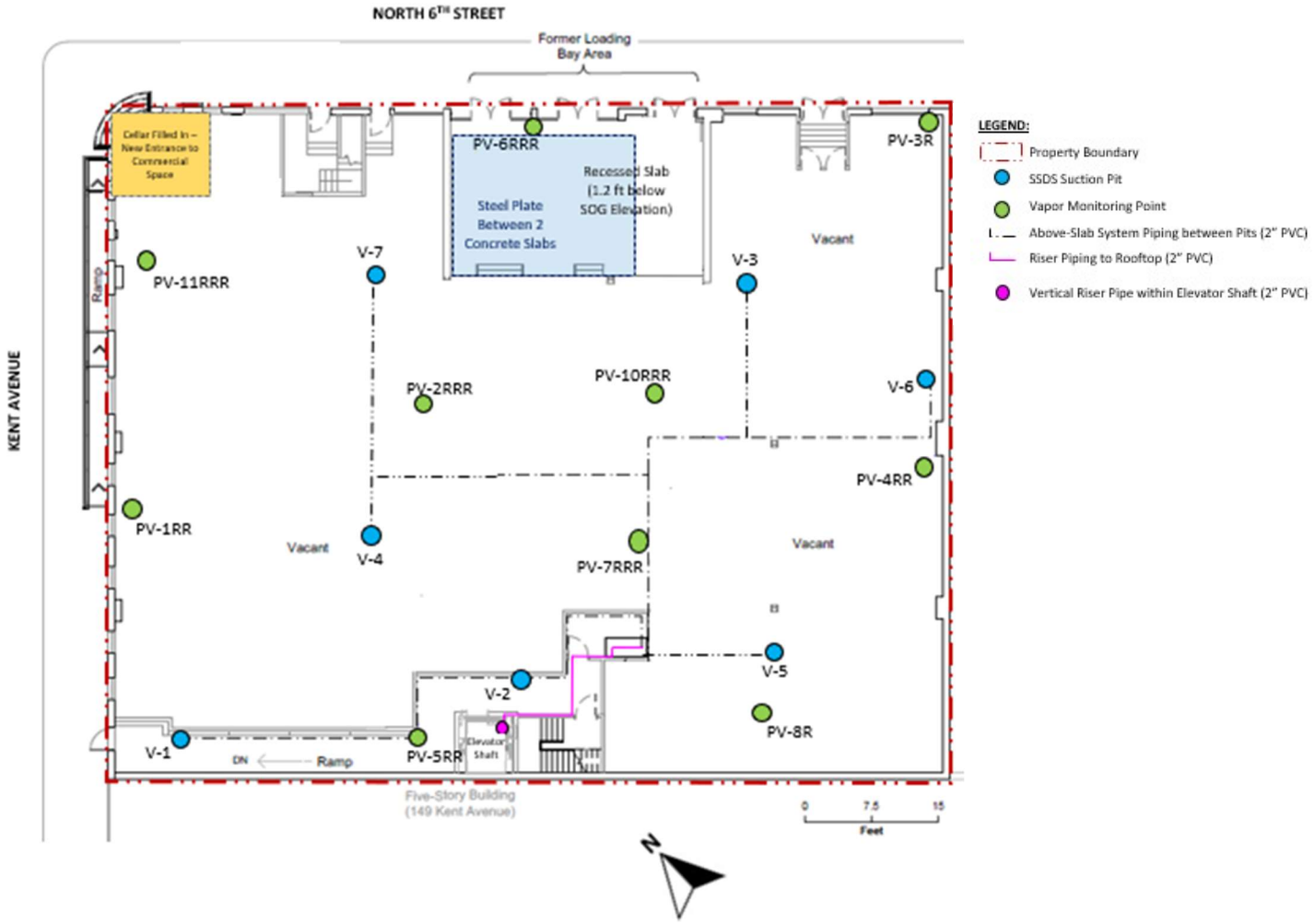
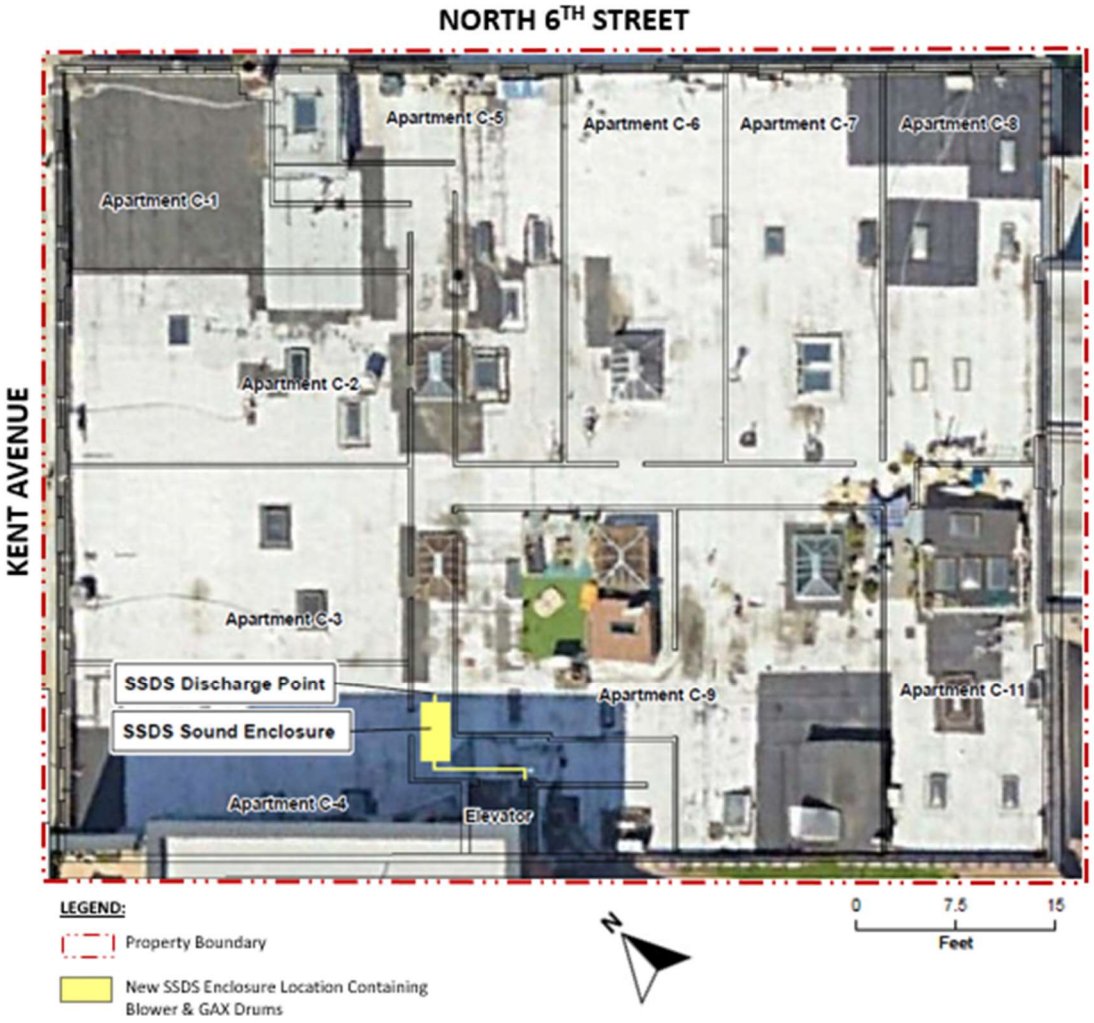


Figure 2 – Rooftop SSDS Equipment Location



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **September 29, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of September 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. A teleconference was held on May 28, 2025, to discuss the possibility of dropping the slab 1-3 feet across all commercial portions of the first floor. NYSDEC, NYSDOH, 135 Kent LLC, Rock Enviro and Matrix Environmental Engineering PLLC were in attendance for the call. An approach for completing such work was discussed for consideration. If the client decides to proceed with this plan, a new IRMWP would need to be prepared and submitted to NYSDEC for review, and the IRM would be subject to public comment. Rock Enviro is awaiting a decision from 135 Kent LLC and will update NYSDEC of any decisions made regarding further slab work.
2. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated. We are currently waiting on a date when the installation of new filter media can be installed. We anticipate this work to be scheduled in October 2025.
3. The differential pressure gauges installed in April 2025 did not maintain consistent readings and therefore required replacement. Rock installed Dwyer Model 2005 magnehelic gauges using hardware and framework to secure the larger gauges. This work was completed in August of 2025; however, the gauges were inspected during the September monthly inspection and are functioning as intended.
4. Rock Enviro conducted a monthly site inspection on September 26, 2025. The following was conducted as part of this inspection:

a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways. Several portions of the slab have been patched and repaired since the SSDS pit installation and ramp removal work in March 2025.
c. Collected pressure and PID readings from the system before and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
d. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on September 26, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,687	1.8
V-2	1,038	1.5
V-3	1,031	1.4
V-4	992	1.5
V-5	954	1.6
V-6	929	1.6
V-7	1,044	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.036
PV-2RRR	-0.058
PV-3R	-0.062
PV-4RR	-0.070
PV-5RR	-0.006
PV-6RRR	-0.009
PV-7RRR	-0.058
PV-8R	-0.039
PV-10RRR	-0.062
PV-11RRR	-0.030

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was only off for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring event has resumed with the monitoring in May 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the October 2025 reporting period:

- Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and Rock notified 135 Kent LLC that they will need to notify the tenants so this work can be coordinated. We are currently waiting on a date when the installation of new filter media can be installed. We anticipate this work to be scheduled in October 2025.
- Rock Enviro has contacted 135 Kent LLC regarding the adjacent buildings at 58 North 6th Street and 60 North 6th Street. 135 Kent LLC us currently waiting on a response from the ownership and/or environmental consultant for the two adjacent buildings. Any future communications will include (Cc) NYSDEC and NYSDOH representatives.

Additional details regarding October 2025 activities will be provided in the next monthly monitoring report, due November 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently in discussion with 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. 135 Kent Ave LLC has indicated that a response is still pending. NYSDEC and NYSDOH representatives will be Cc'd on all correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM SEPTEMBER 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 09/26/2025
Start Time: 13:10
End Time: 15:20
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.036
PV-2RRR	-0.058
PV-3R	-0.062
PV-4RR	-0.070
PV-5RR	-0.006
PV-6RRR	-0.009
PV-7RRR	-0.058
PV-8R	-0.039
PV-10RRR	-0.062
PV-11RRR	-0.030

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,687	15°	1.8
V-2	1,038	15°	1.5
V-3	1,031	0°	1.4
V-4	992	0°	1.5
V-5	954	0°	1.6
V-6	929	0°	1.6
V-7	1,044	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for differential pressure readings. After much research, this was selected to be the most accurate digital manometer on the market. This will be used moving forward for all differential pressure measurements.
4. With the new micromanometer, readings were detected at previously identified dead zones PV-6RRR & PV-5RR. However, this may be attributed to the SSDS pit installation and/or slab repairs in March 2025.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	34	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.6	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

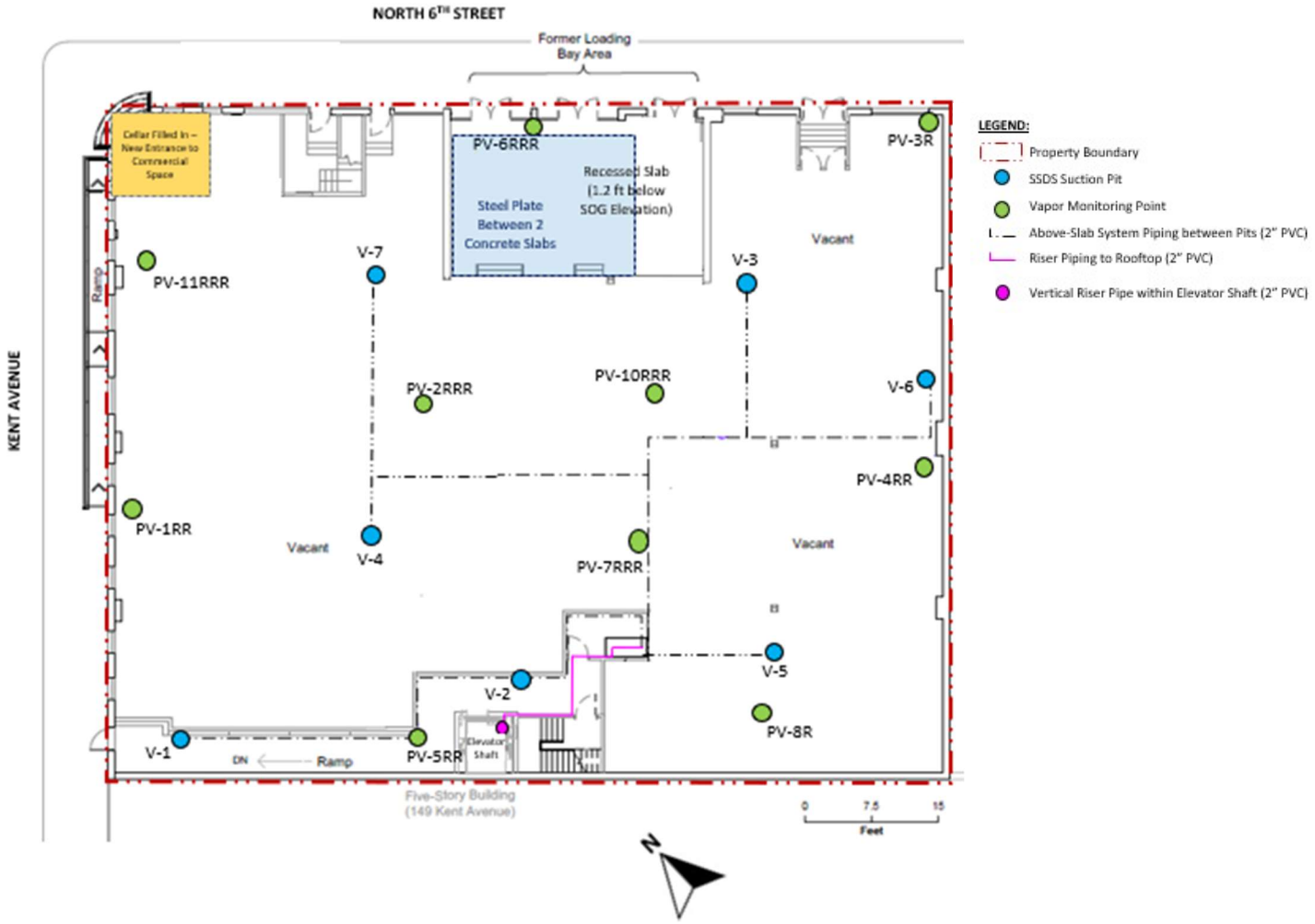
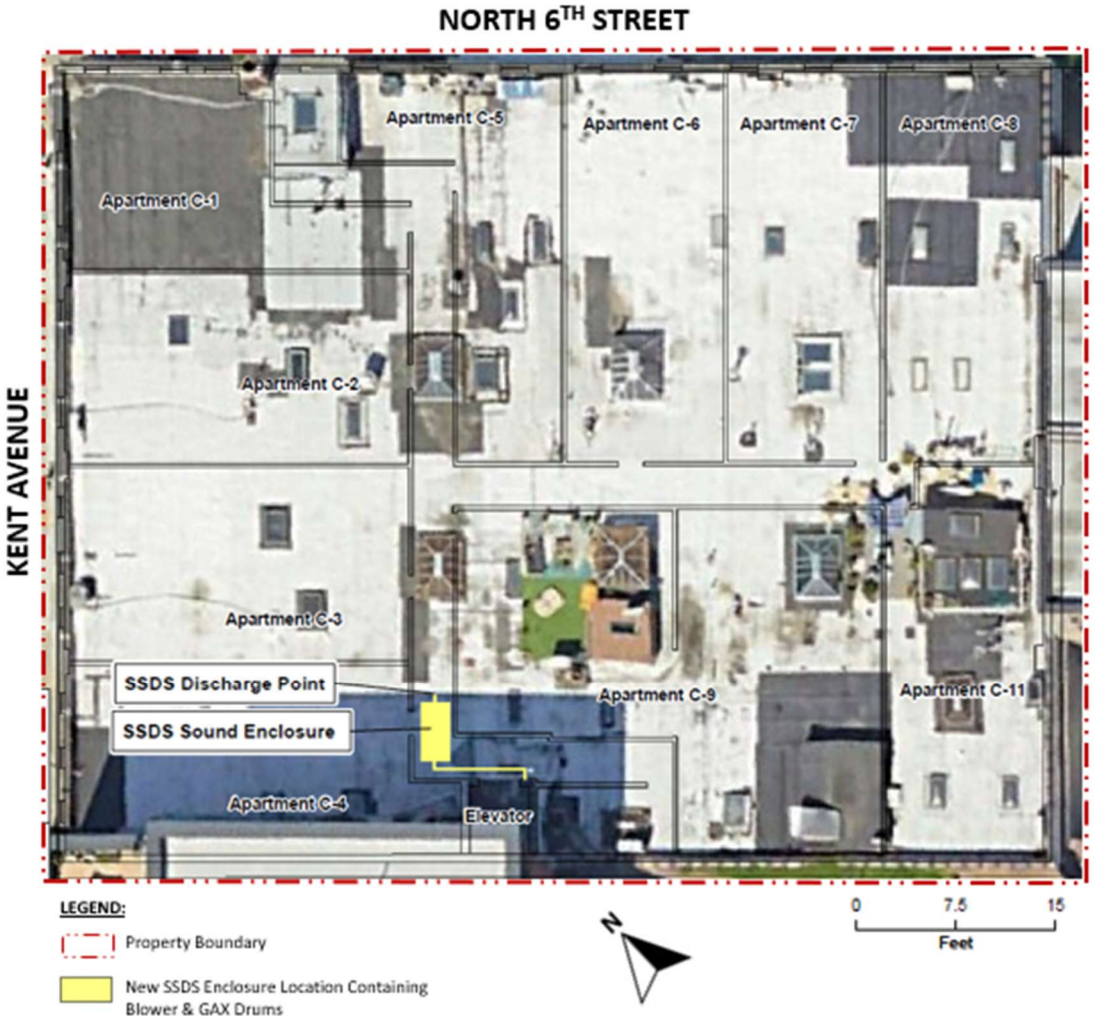


Figure 2 – Rooftop SSDS Equipment Location



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **November 10, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of October 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Rock Enviro conducted a monthly site inspection on October 31, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
    b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
    c. Inspected the SSDS enclosure, blower, carbon drums and system piping. Collected pressure and PID readings from the system before, between, and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
    d. Inspected all system piping and looked for leaks.
2. Rock installed Dwyer Model 2005 magnehelic gauges in August 2025 using hardware and framework to secure the larger gauges. The gauges were inspected during the October monthly inspection and are functioning as intended.
3. Rock Enviro conducted an air filtration unit inventory during the May 30, 2025, monthly inspection. It was determined that the filter media should be replaced within the following months. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and 135 Kent LLC coordinated access for Rock Enviro to access all tenant spaces for the

filter media to be replaced on November 5, 2025. The air filter media (e.g., prefilter fabric, HEPA barrier filter, and 26 pound activated carbon filter) were replaced in all occupied residential units and in the hallways on the second floor of the building.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on October 31, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,637	1.7
V-2	954	1.4
V-3	981	1.5
V-4	896	1.6
V-5	943	1.5
V-6	937	1.7
V-7	992	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.056
PV-3R	-0.067
PV-4RR	-0.065
PV-5RR	-0.009
PV-6RRR	-0.005
PV-7RRR	-0.055
PV-8R	-0.032
PV-10RRR	-0.056
PV-11RRR	-0.028

1. All ten VMPs were replaced on January 29, 2025.
2. Each “R” following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

ENGINEERING CONTROL MODIFICATIONS

The SSDS pit replacement and slab modification/repair work commenced on March 6, 2025, and was completed on March 10, 2025. The equipment compound was relocated to the rooftop on March 14, 2025, and the system was inactive for an 8-hour period during the relocation. The residential tenants on the second floor of the building were provided with updated contact information including phone numbers and emails for Rock Enviro and Matrix staff. Rock Enviro conducted weekly monitoring events starting March 21, 2025, and continued through April 11, 2025. Additional monitoring was conducted during the onsite meeting with NYSDEC in attendance on April 24, 2025, and monthly monitoring resumed with the monitoring between May 2025 and October 2025.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the October 2025 reporting period:

- Rock Enviro conducted an air filtration unit inventory during the May 2025, monthly inspection. It was determined that the filter media should be replaced within the following months. The filter media for all air filtration units was ordered on June 3, 2025. The filter media arrived, and 135 Kent LLC coordinated access for Rock Enviro to access all tenant spaces for the filter media to be replaced on November 5, 2025. The air filter media (e.g., prefilter fabric, HEPA barrier filter, and 26 pound activated carbon filter) were replaced in all occupied residential units and in the hallways on the second floor of the building on November 5, 2025.
- A draft SSDS layout was prepared for 58 North 6th Street management to review in circa August 2024. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Rock has requested that 135 Kent LLC contact the ownership/management for 58 N. 6th Street to discuss the proposed SSD system. In October 2024, ownership/management for 58 N. 6th Street expressed concerns related to interior noise levels that would result from an active SSD system installation within the building. The adjoining building at 58 N. 6th Street is currently used as a recording studio and any nuisance interior noise would compromise their sound recording quality. As such, a “soundproof” design was requested. Additional design documentation and specifications were provided taking the interior noise levels into consideration; however, a response from 58 N. 6th Street was never received. 135 Kent LLC has not been able to get a response from the ownership/management for 58 North 6th Street. Rock Enviro will continue follow up with 135 Kent LLC regarding 58 N. 6th Street. 135 Kent LLC and Rock Enviro will continue to attempt to contact the ownership/management for 58 N. 6th Street. Any future communications with 58 N. 6th Street will include (Cc) NYSDEC and NYSDOH representatives.
- On October 17, 2025, Rock Enviro contacted P.W. Grosser to request the installation of two additional VMPs within the cellar of 60 N. 6th Street as well as proposed indoor air sampling which should be completed during the 2025-2026 heating season. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of

60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client.

Additional details regarding November 2025 activities will be provided in the next monthly monitoring report, due December 10, 2025.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. On October 17, 2025, Rock Enviro contacted P.W. Grosser to follow up on the additional VMPs and the indoor air sampling. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of 60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client. All correspondences with P.W. Grosser included representatives from NYSDEC and NYSDOH. NYSDEC and NYSDOH representatives will be Cc'd on all future correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM OCTOBER 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 10/31/2025
Start Time: 09:45
End Time: 12:25
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.056
PV-3R	-0.067
PV-4RR	-0.065
PV-5RR	-0.009
PV-6RRR	-0.005
PV-7RRR	-0.055
PV-8R	-0.032
PV-10RRR	-0.056
PV-11RRR	-0.028

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,637	15°	1.7
V-2	954	15°	1.4
V-3	981	15°	1.5
V-4	896	0°	1.6
V-5	943	0°	1.5
V-6	937	0°	1.7
V-7	992	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	34	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.6	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

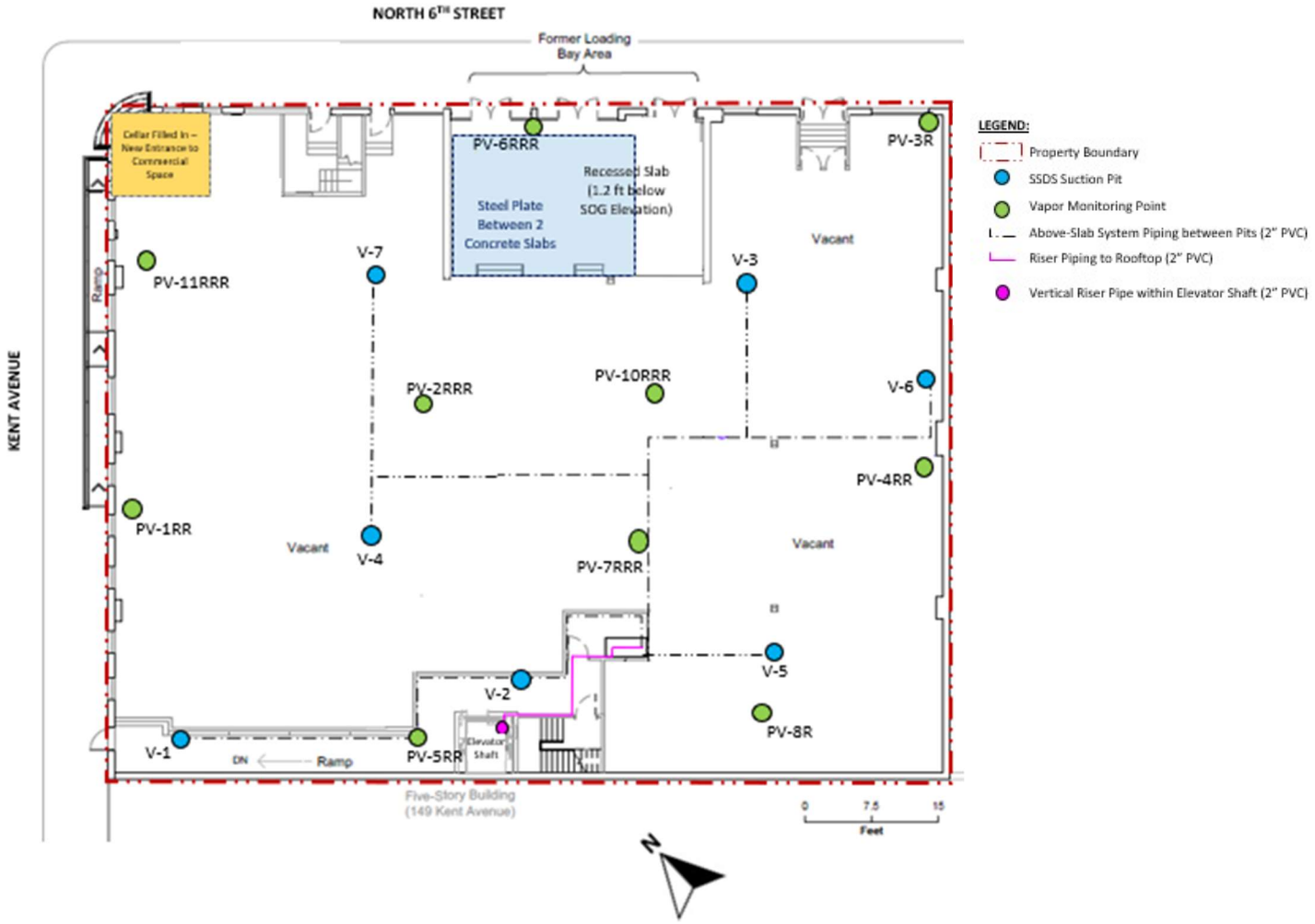
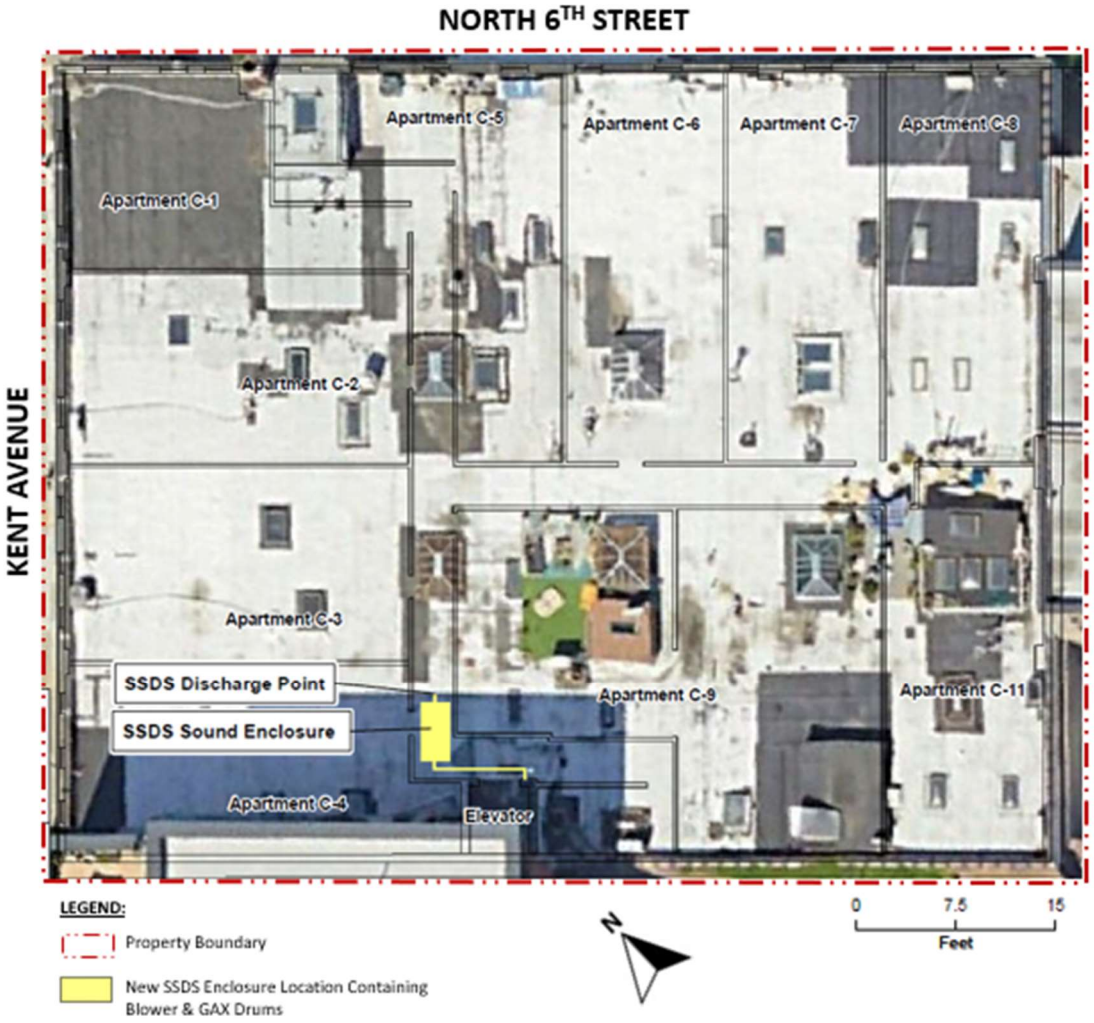


Figure 2 – Rooftop SSDS Equipment Location



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **December 9, 2025**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of November 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Rock Enviro conducted a monthly site inspection on November 28, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
    b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
    c. Inspected the SSDS enclosure, blower, carbon drums and system piping. Collected pressure and PID readings from the system before, between, and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
    d. Inspected all system piping and looked for leaks.
2. Rock Enviro completed the air filtration unit media replacement on November 5, 2025. The air filter media (e.g., prefilter fabric, HEPA barrier filter, and 26 pound activated carbon filter) were replaced in all occupied residential units and in the hallways on the second floor of the building.

Additional information regarding these actions is provided in the following sections.

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on November 28, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,467	1.7
V-2	1,052	1.4
V-3	990	1.5
V-4	905	1.6
V-5	949	1.5
V-6	946	1.7
V-7	980	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.031
PV-2RRR	-0.054
PV-3R	-0.070
PV-4RR	-0.062
PV-5RR	-0.008
PV-6RRR	-0.005
PV-7RRR	-0.053
PV-8R	-0.029
PV-10RRR	-0.051
PV-11RRR	-0.029

1. All ten VMPs were replaced on January 29, 2025.
2. Each “R” following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the December 2025 reporting period:

- A draft SSDS layout was prepared for 58 North 6th Street management to review in circa August 2024. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Rock has requested that 135 Kent LLC contact the ownership/management for 58 N. 6th Street to discuss the proposed SSD system. In October 2024, ownership/management for 58 N. 6th Street expressed concerns related to interior noise levels that would result from an active SSD system installation within the building. The adjoining building at 58 N. 6th Street is currently used as a recording studio and any nuisance interior noise would compromise their sound recording quality. As such, a "soundproof" design was requested. Additional design documentation and specifications were provided taking the interior noise levels into consideration; however, a response from 58 N. 6th Street was never received. 135 Kent LLC has not been able to get a response from the ownership/management for 58 North 6th Street. Rock Enviro will continue follow up with 135 Kent LLC regarding 58 N. 6th Street. 135 Kent LLC and Rock Enviro will continue to attempt to contact the ownership/management for 58 N. 6th Street. Any future communications with 58 N. 6th Street will include (Cc) NYSDEC and NYSDOH representatives.
- On October 17, 2025, Rock Enviro contacted P.W. Grosser to request the installation of two additional VMPs within the cellar of 60 N. 6th Street as well as proposed indoor air sampling which should be completed during the 2025-2026 heating season. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of 60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client.

Additional details regarding December 2025 activities will be provided in the next monthly monitoring report, due January 10, 2026.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. On October 17, 2025, Rock Enviro contacted P.W. Grosser to follow up on the additional VMPs and the indoor air sampling. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of 60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client. All correspondences with P.W. Grosser included representatives from NYSDEC and NYSDOH. NYSDEC and NYSDOH representatives will be Cc'd on all future correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM OCTOBER 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 11/28/2025
Start Time: 08:20
End Time: 11:05
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.031
PV-2RRR	-0.054
PV-3R	-0.070
PV-4RR	-0.062
PV-5RR	-0.008
PV-6RRR	-0.005
PV-7RRR	-0.053
PV-8R	-0.029
PV-10RRR	-0.051
PV-11RRR	-0.029

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,467	15°	1.7
V-2	1,052	15°	1.4
V-3	990	15°	1.5
V-4	905	0°	1.6
V-5	949	0°	1.5
V-6	946	0°	1.7
V-7	980	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	34	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.6	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

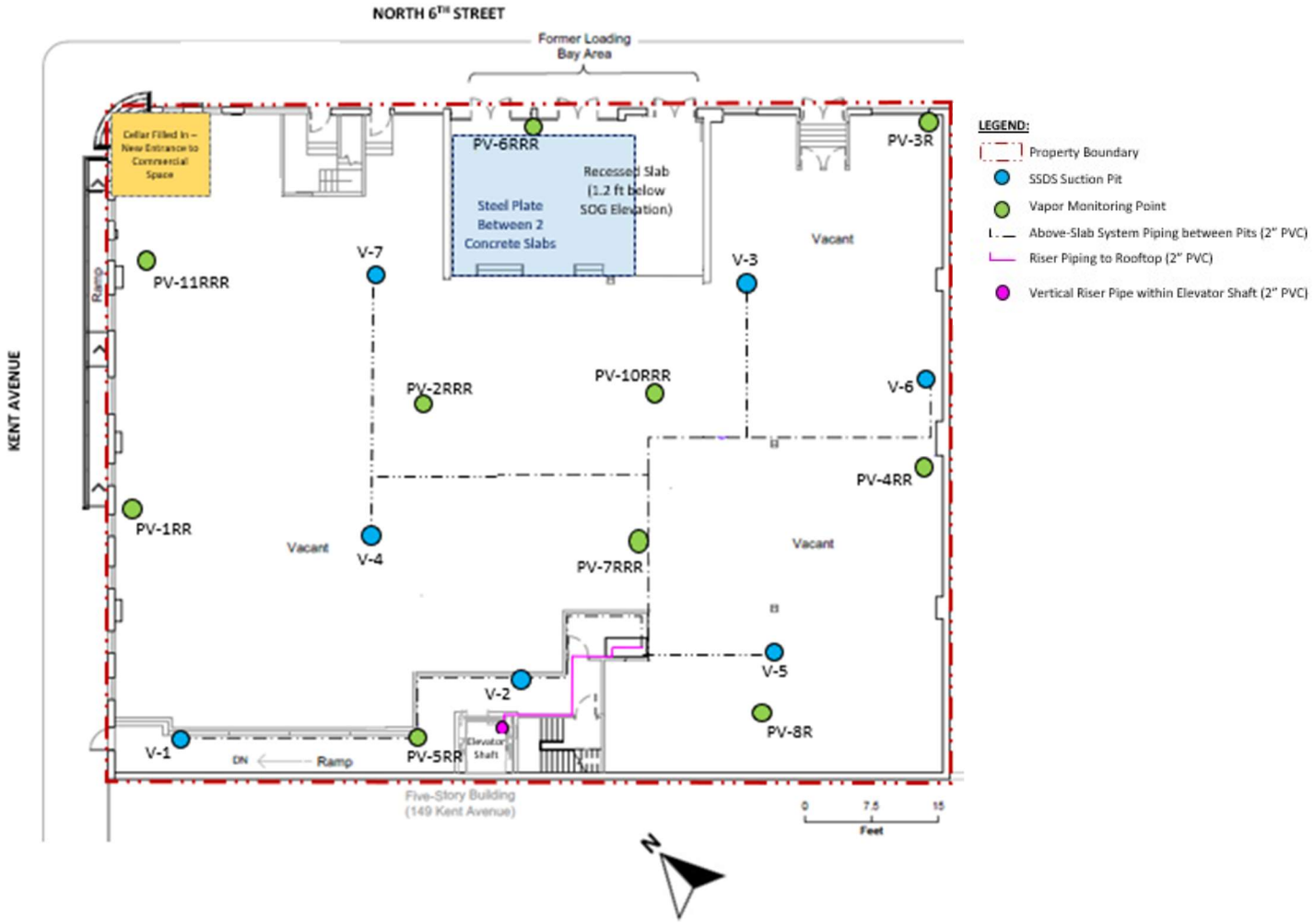
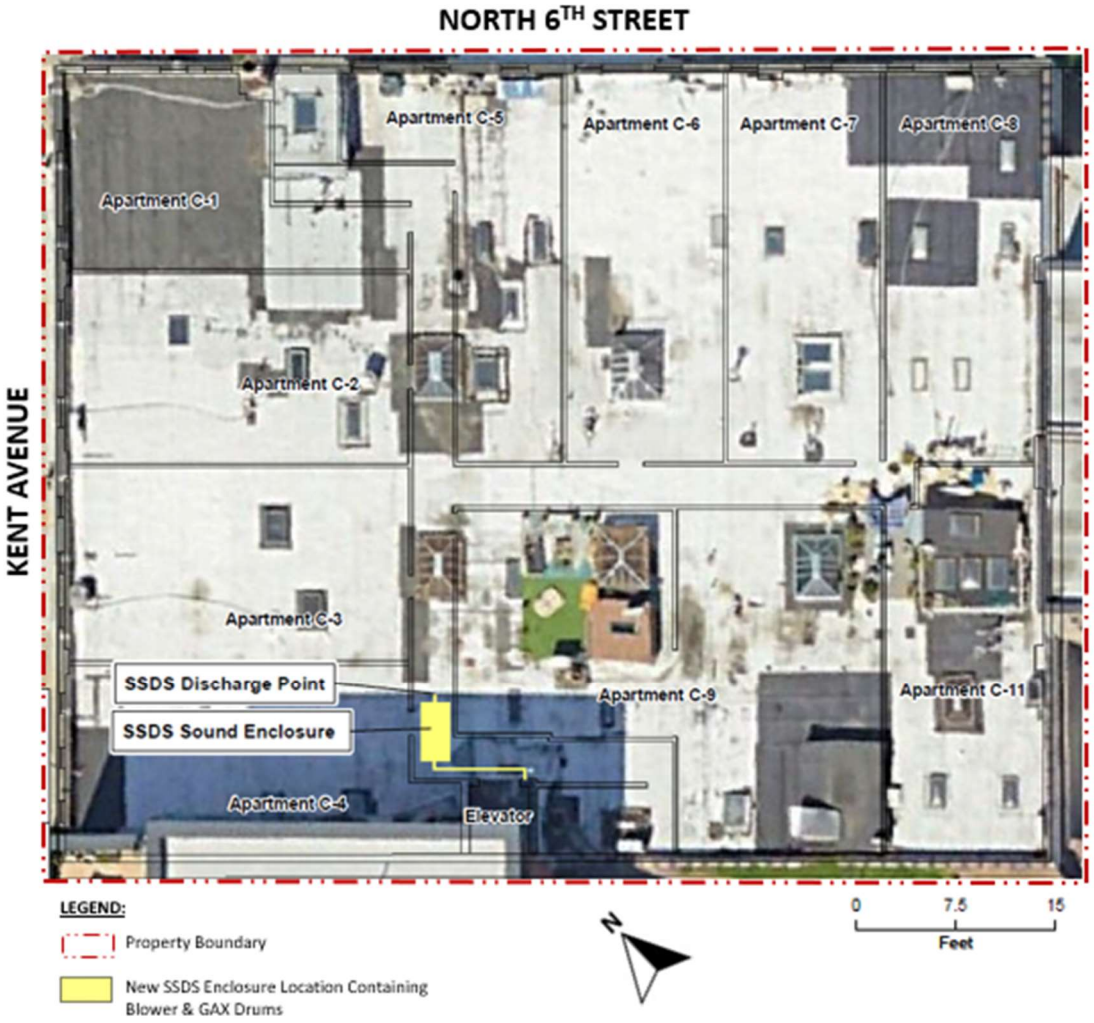


Figure 2 – Rooftop SSDS Equipment Location



To: **Wendi Y. Zheng**
New York State Department of Environmental Conservation

From: **Robert Bennett**

Date: **January 8, 2026**

Subject: **Monthly Progress Report for 135 Kent Ave, Brooklyn, NY**
Former Cleaner Sales & Equipment Corp. Site
NYSDEC BCP Site No. C224177

MONTHLY PROGRESS MEMORANDUM

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Rock Enviro LLC, presents this monthly progress report to the New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of December 2025.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Rock Enviro conducted a monthly site inspection on December 30, 2025. The following was conducted as part of this inspection:
    a. Collected sub-slab differential pressure measurements at vapor monitoring points (VMPs) and airflow/velocity readings within riser pipes directly above suction pits across the slab-on-grade area. SSDS suction pits and vapor monitoring points are shown in the attached Figure 1.
    b. Inspected the slab integrity across the Site and visually inspected for possible exposure pathways.
    c. Inspected the SSDS enclosure, blower, carbon drums and system piping. Collected pressure and PID readings from the system before, between, and after activated carbon drums. The SSDS equipment compound location is shown in the attached Figure 2.
    d. Inspected all system piping and looked for leaks.

Additional information regarding these actions is provided in the following sections.

Rock Enviro, LLC
170 Lee Avenue, Brooklyn, NY
(718) 858-6655
rockenviro.com

SSDS MONITORING/SYSTEM MEASUREMENTS

Rock Enviro performed monthly monitoring of SSDS suction pits and accessible vapor monitoring points (VMPs) on December 28, 2025. The following summarizes monitoring results:

Table 1 – SSDS Suction Pits

Location	Airflow/Velocity (ft per minute - fpm)	Differential Pressure Gauge Reading (in WC)
V-1	1,451	1.8
V-2	1,067	1.5
V-3	1,012	1.5
V-4	919	1.6
V-5	945	1.6
V-6	950	1.7
V-7	974	1.6

Table 2 – Vapor Monitoring Points (VMPs)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.050
PV-3R	-0.068
PV-4RR	-0.057
PV-5RR	-0.006
PV-6RRR	-0.004
PV-7RRR	-0.058
PV-8R	-0.026
PV-10RRR	-0.046
PV-11RRR	-0.026

1. All ten VMPs were replaced on January 29, 2025.
2. Each “R” following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

PLANED ACTIVITIES FOR THE NEXT REPORTING PERIOD

The SSDS is currently operating continuously without interruption. The following activities are planned for the January 2026 reporting period:

- Rock Enviro submitted a Notification of Intent to Commence Approved Trenching Work to NYSDEC, dated January 7, 2026. The proposed work will consist of trenching across the vacant commercial space located on the ground floor of the building. The trenches will be cut into the ground-floor slab for the installation of wastewater lines. Section 2.3.2 of the NYSDEC-approved Engineering Control Modifications Work Plan (ECMWP), dated August 6, 2024, details the proposed trenching for wastewater lines, and Section 2.3.3 details slab removal and excavation procedures associated with trenching work. This work is tentatively proposed to begin on January 19, 2026, and will be completed on March 20, 2026. We are currently awaiting a response from the NYSDEC.
- A draft SSDS layout was prepared for 58 North 6th Street management to review in circa August 2024. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Rock has requested that 135 Kent LLC contact the ownership/management for 58 N. 6th Street to discuss the proposed SSD system. In October 2024, ownership/management for 58 N. 6th Street expressed concerns related to interior noise levels that would result from an active SSD system installation within the building. The adjoining building at 58 N. 6th Street is currently used as a recording studio and any nuisance interior noise would compromise their sound recording quality. As such, a "soundproof" design was requested. Additional design documentation and specifications were provided taking the interior noise levels into consideration; however, a response from 58 N. 6th Street was never received. 135 Kent LLC has not been able to get a response from the ownership/management for 58 North 6th Street. Rock Enviro will continue follow up with 135 Kent LLC regarding 58 N. 6th Street. 135 Kent LLC and Rock Enviro will continue to attempt to contact the ownership/management for 58 N. 6th Street. Any future communications with 58 N. 6th Street will include (Cc) NYSDEC and NYSDOH representatives.
- On October 17, 2025, Rock Enviro contacted P.W. Grosser to request the installation of two additional VMPs within the cellar of 60 N. 6th Street as well as proposed indoor air sampling which should be completed during the 2025-2026 heating season. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of 60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client.

Additional details regarding January 2026 activities will be provided in the next monthly monitoring report, due February 10, 2026.

58 NORTH 6TH STREET VAPOR MITIGATION

On December 7, 2023, Integral submitted a pilot test work plan for the design of a vapor mitigation system to 58 North 6th Street management for review and comment. On February 13, 2024, Integral received confirmation from building management for 58 North 6th Street that the pilot test work plan was acceptable. Integral and subcontractors performed utility mark-out and a communication study on April 30, 2024. Ground penetrating radar (GPR) was performed to mark utilities. Communication holes and suction pits were drilled in the 58 North 6th Street building's northern cellar slab, southern cellar slab, and the first-floor slab-on-grade to apply vacuum and measure pressure response. After completing the communications study, the communication holes were filled in with polyurethane caulk and the suction pits were filled in with concrete. Integral prepared a draft SSDS layout for 58 North 6th Street management review. 135 Kent LLC is currently awaiting a decision from 58 North 6th Street management regarding the SSDS equipment layout. Upon agreement of the SSDS layout with building management for 58 North 6th Street, Rock Enviro and Matrix will prepare a vapor mitigation design work plan for NYSDEC review. According to 135 Kent LLC, there has been no response from 58 N. 6th Street management for several months. NYSDEC and NYSDOH representatives will be Cc'd on all correspondences between Rock Enviro, 135 Kent LLC, and 58 N. 6th Street management moving forward.

60 NORTH 6TH STREET VAPOR MITIGATION

Integral was previously in communication with P.W. Grosser, the environmental consultants for 60 North 6th Street, regarding installation of additional VMPs and pressure measurements from the building's active SSDS, and collection of an indoor sample. The first floor of the 60 North 6th Street building is now occupied by a commercial tenant. Integral wrote to P.W. Grosser on April 13, 2024, requesting a floor plan showing where additional VMPs can be installed, and asking when an indoor air sample can be collected. On October 17, 2025, Rock Enviro contacted P.W. Grosser to follow up on the additional VMPs and the indoor air sampling. P.W. Grosser responded on the same day requesting the exact locations where the two additional VMPs would be installed. On October 28, 2025, P.W. Grosser provided updated floor plans showing current conditions at 60 N. 6th Street. Rock Enviro used the floor plans to prepare a figure showing the exact locations of the proposed VMP locations. We are currently from a decision from the ownership/management of 60 N. 6th Street to determine of the proposed locations are acceptable. P.W. Grosser will contact Rock as soon as they receive confirmation from their client. All correspondences with P.W. Grosser included representatives from NYSDEC and NYSDOH. NYSDEC and NYSDOH representatives will be Cc'd on all future correspondence between Rock Enviro, 135 Kent LLC, and P.W. Grosser moving forward.

MONTHLY SSDS MONITORING INFO FROM OCTOBER 2025 IS ON THE FOLLOWING PAGE.

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 12/30/2025
Start Time: 11:05
End Time: 13:55
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.050
PV-3R	-0.068
PV-4RR	-0.057
PV-5RR	-0.006
PV-6RRR	-0.004
PV-7RRR	-0.058
PV-8R	-0.026
PV-10RRR	-0.046
PV-11RRR	-0.026

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,451	15°	1.8
V-2	1,067	15°	1.5
V-3	1,012	15°	1.5
V-4	919	0°	1.6
V-5	945	0°	1.6
V-6	950	0°	1.7
V-7	974	15°	1.6

1. All ten VMPs were replaced on January 29, 2025.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements, etc).
3. A model ALNOR 5825, micromanometer, manufactured by TSI was used for all sub-slab differential pressure readings.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	34	No Port	
Before Lag Drum	Gauge PI103 Sample Port	32	0.6	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**
Is heat exhaust fan operating: **YES**
Is Sensaphone operating: **YES**
Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**
Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

Figure 1 – First Floor SSDS Layout

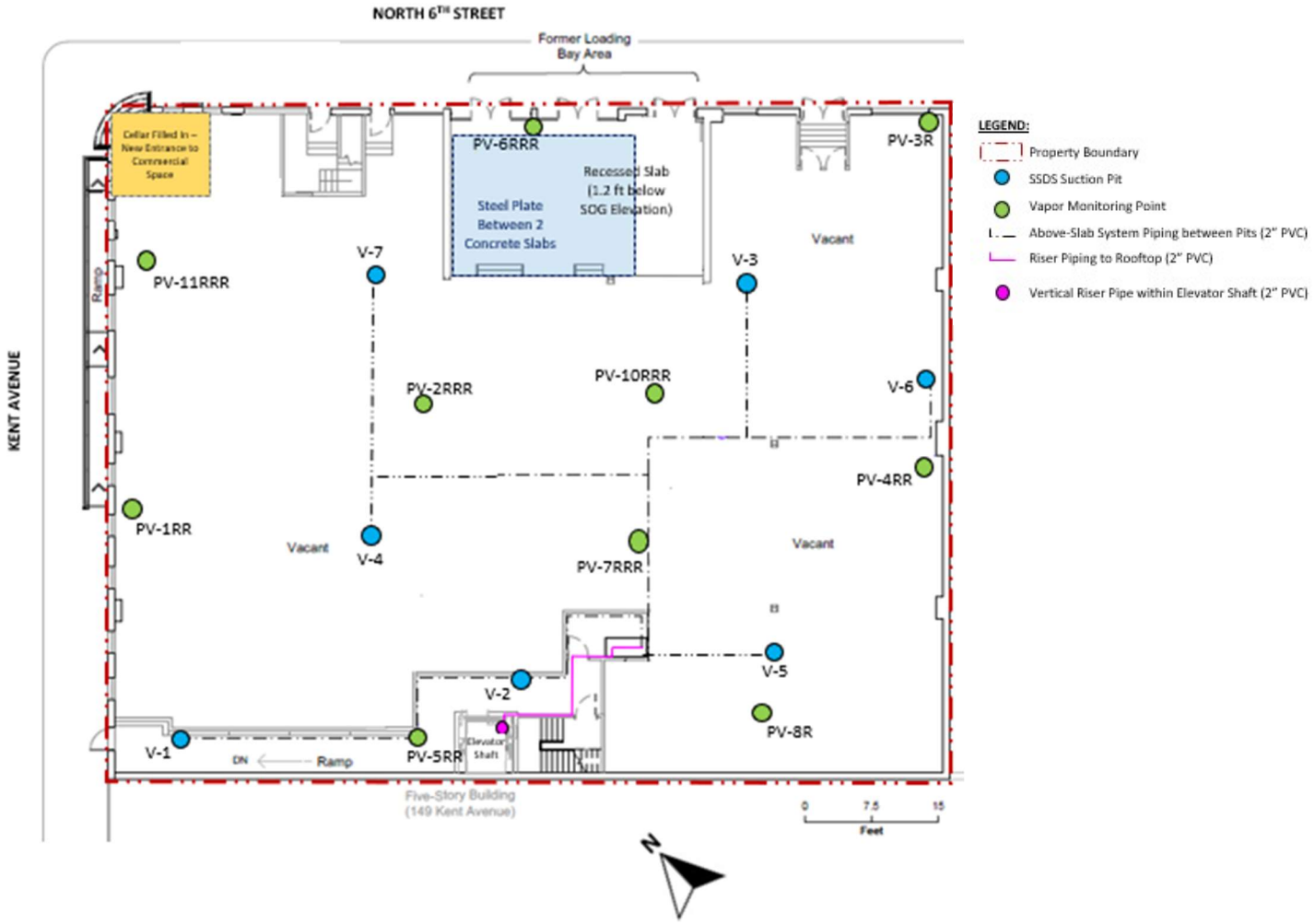
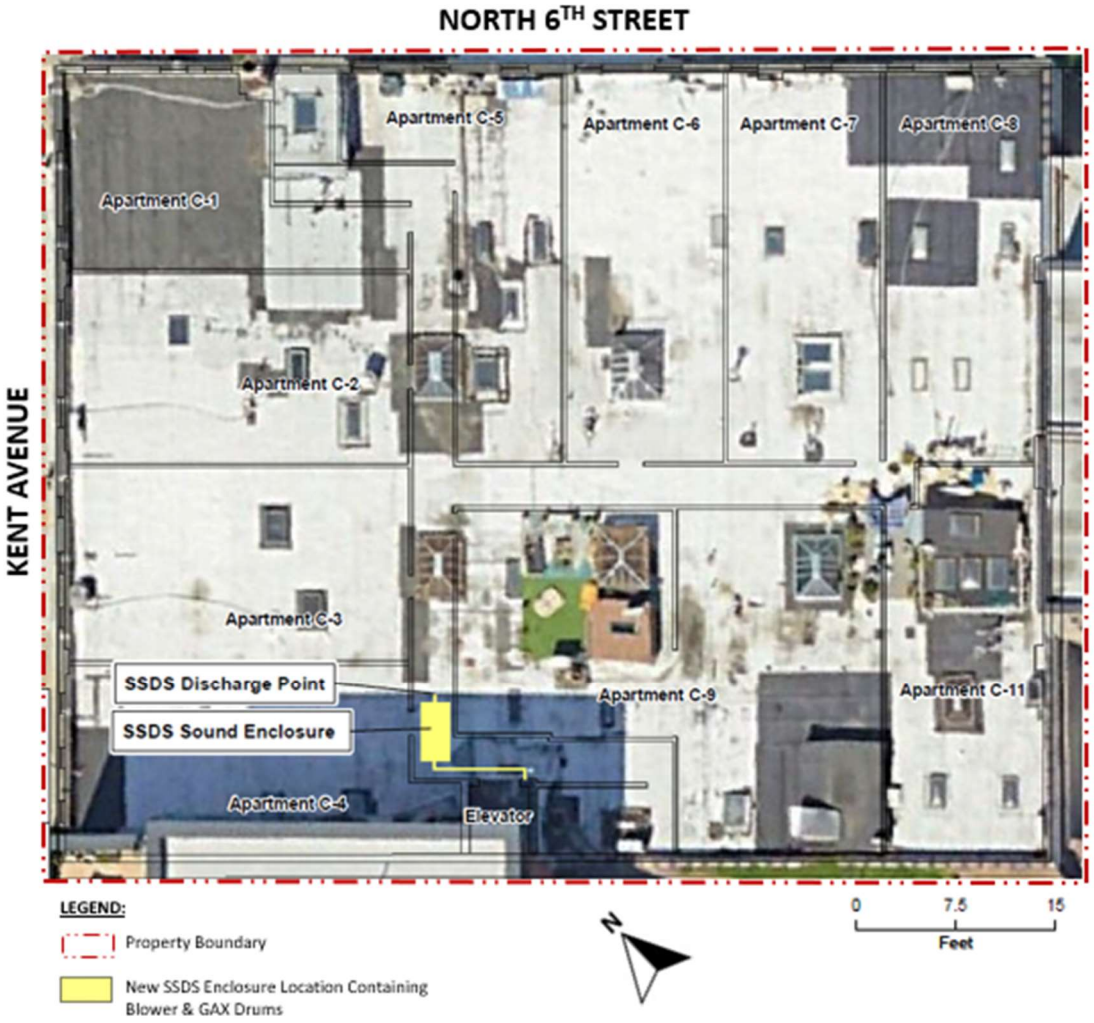


Figure 2 – Rooftop SSDS Equipment Location



APPENDIX B
Analytical Lab Report
March 24, 2025, Indoor Air Quality Sampling

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

Monday, March 31, 2025

Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Project ID: **135 KENT**
SDG ID: **GCS91392**
Sample ID#s: CS91392 - CS91412

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

SDG Comments

March 31, 2025

SDG I.D.: GCS91392

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 report with 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

March 31, 2025

SDG I.D.: GCS91392

Project ID: 135 KENT

Client Id	Lab Id	Matrix	Col Date
IA25-03	CS91392	AIR	03/24/25 17:08
IA25-10	CS91393	AIR	03/25/25 10:57
IA25-11	CS91394	AIR	03/25/25 11:11
IA25-09	CS91395	AIR	03/25/25 10:46
IA25-15	CS91396	AIR	03/25/25 10:49
IA25-07	CS91397	AIR	03/25/25 10:44
IA25-DUP	CS91398	AIR	03/25/25 11:47
IA25-04	CS91399	AIR	03/24/25 19:06
IA25-12	CS91400	AIR	03/25/25 11:51
IA25-16	CS91401	AIR	03/24/25 18:49
IA25-05	CS91402	AIR	03/24/25 18:45
IA25-13	CS91403	AIR	03/25/25 11:13
IA25-06	CS91404	AIR	03/25/25 10:43
IA25-01	CS91405	AIR	03/24/25 19:09
IA25-17	CS91406	AIR	03/24/25 18:51
IA25-08	CS91407	AIR	03/25/25 10:45
IA25-14B	CS91408	AIR	03/25/25 10:50
IA25-02	CS91409	AIR	03/25/25 9:07
OA25-02	CS91410	AIR	03/25/25 11:07
OA25-01	CS91411	AIR	03/24/25 19:05
IA25-14A	CS91412	AIR	03/25/25 10:58

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	17:08
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21362				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91392

Project ID: 135 KENT
Client ID: IA25-03

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.37	*0.204*	0.204	6.73	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.537	*0.204*	0.204	2.64	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.87	*0.204*	0.204	9.19	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.15	*0.421*	0.421	12.2	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.898	*0.313*	0.313	2.87	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070	*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.573	*0.485*	0.485	1.18	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.30	*0.291*	0.291	4.47	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	15.8	*0.531*	0.531	29.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.21	*0.230*	0.230	5.25	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.36	*0.284*	0.284	4.79	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.440	*0.215*	0.215	2.05	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.86	*0.407*	0.407	4.57	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.239	*0.204*	0.204	1.17	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.61	*0.230*	0.230	15.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.91	*0.339*	0.339	26.3	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.40	*0.230*	0.230	6.08	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.469	*0.037*	0.037	3.18	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.20	*0.266*	0.266	12.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	104	*%*	%	104	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

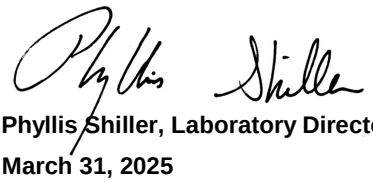
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:57
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28568				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91393

Project ID: 135 KENT
Client ID: IA25-10

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.697	*0.204*	0.204	3.42	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.292	*0.204*	0.204	1.43	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.205	*0.166*	0.166	1.23	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.760	*0.204*	0.204	3.73	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	32.0	*0.421*	0.421	76.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.612	*0.313*	0.313	1.95	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	1.04		*0.321*	0.321	3.24	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.665		*0.205*	0.205	3.24	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.648		*0.485*	0.485	1.34	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.505		*0.202*	0.202	2.50	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	324	E	*0.531*	0.531	610	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.65		*0.278*	0.278	5.94	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.733		*0.230*	0.230	3.18	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.02		*0.244*	0.244	4.18	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.712		*0.284*	0.284	2.51	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.318		*0.215*	0.215	1.48	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	14.0		*0.407*	0.407	34.4	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.91		*0.230*	0.230	8.29	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	13.3		*0.339*	0.339	39.2	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.641		*0.230*	0.230	2.78	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.597		*0.037*	0.037	4.05	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.489		*0.339*	0.339	1.44	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.70		*0.266*	0.266	13.9	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	121		*%*	%	121	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	84		*%*	%	84	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:11
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28552				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91394

Project ID: 135 KENT
Client ID: IA25-11

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.765	*0.204*	0.204	3.76	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.356	*0.204*	0.204	1.75	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.222	*0.166*	0.166	1.33	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.790	*0.204*	0.204	3.88	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	11.9	*0.421*	0.421	28.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.534	*0.313*	0.313	1.70	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	0.567		*0.321*	0.321	1.76	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.072		*0.032*	0.032	0.45	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.530		*0.205*	0.205	2.59	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.685		*0.485*	0.485	1.41	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.566		*0.202*	0.202	2.80	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	158	E	*0.531*	0.531	298	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.25		*0.278*	0.278	4.50	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.562		*0.230*	0.230	2.44	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.882		*0.244*	0.244	3.61	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.675		*0.284*	0.284	2.38	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.288		*0.215*	0.215	1.34	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.01		*0.407*	0.407	12.3	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.63		*0.230*	0.230	7.07	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	11.1		*0.339*	0.339	32.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.587		*0.230*	0.230	2.55	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.541		*0.037*	0.037	3.67	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.456		*0.339*	0.339	1.34	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.26		*0.266*	0.266	8.51	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	118		*%*	%	118	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	87		*%*	%	87	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:46
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23871				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91395

Project ID: 135 KENT
Client ID: IA25-09

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.498	*0.204*	0.204	2.45	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.550	*0.204*	0.204	2.70	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	39.6	*0.421*	0.421	94.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.402	*0.313*	0.313	1.28	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.310		*0.205*	0.205	1.51	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.671		*0.485*	0.485	1.38	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.414		*0.291*	0.291	1.42	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.475		*0.202*	0.202	2.35	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	70.1	E	*0.531*	0.531	132	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.301		*0.278*	0.278	1.08	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.396		*0.230*	0.230	1.72	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.642		*0.244*	0.244	2.63	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.489		*0.284*	0.284	1.72	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.278		*0.215*	0.215	1.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	3.43		*0.407*	0.407	8.43	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.29		*0.230*	0.230	5.60	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.69		*0.339*	0.339	16.8	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.500		*0.230*	0.230	2.17	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.24		*0.037*	0.037	8.41	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.37		*0.266*	0.266	5.16	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.223		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28565				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91396

Project ID: 135 KENT
Client ID: IA25-15

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.810	*0.204*	0.204	3.98	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.298	*0.204*	0.204	1.46	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	0.481	*0.452*	0.452	1.06	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	3.31	*0.166*	0.166	19.9	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.835	*0.204*	0.204	4.10	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	16.9	*0.421*	0.421	40.1	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.647	*0.313*	0.313	2.07	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-15

Phoenix I.D.: CS91396

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.078		*0.032*	0.032	0.49	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.538		*0.205*	0.205	2.63	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.987		*0.485*	0.485	2.04	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.605		*0.291*	0.291	2.08	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	334	E	*0.531*	0.531	629	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.39		*0.278*	0.278	5.01	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.517		*0.230*	0.230	2.24	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.25		*0.244*	0.244	9.22	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.678		*0.284*	0.284	2.39	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.356		*0.215*	0.215	1.66	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.61		*0.407*	0.407	13.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.72		*0.230*	0.230	7.46	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.78		*0.339*	0.339	25.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.644		*0.230*	0.230	2.79	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.762		*0.037*	0.037	5.17	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.95		*0.266*	0.266	7.34	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	86		*%*	%	86	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	85		*%*	%	85	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	91		*%*	%	91	*%*	%	03/27/25	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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:44
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23350				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91397

Project ID: 135 KENT
Client ID: IA25-07

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.16	*0.204*	0.204	5.70	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.471	*0.204*	0.204	2.31	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.227	*0.166*	0.166	1.36	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.949	*0.204*	0.204	4.66	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	10.5	*0.421*	0.421	24.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.413	*0.313*	0.313	1.32	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.076		*0.032*	0.032	0.48	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.394		*0.205*	0.205	1.92	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.645		*0.485*	0.485	1.33	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.448		*0.291*	0.291	1.54	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	65.2	E	*0.531*	0.531	123	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.442		*0.278*	0.278	1.59	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.380		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.658		*0.244*	0.244	2.69	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.557		*0.284*	0.284	1.96	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.299		*0.215*	0.215	1.39	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.34		*0.407*	0.407	8.20	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.19		*0.230*	0.230	5.16	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.28		*0.339*	0.339	24.4	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.494		*0.230*	0.230	2.14	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	0.794		*0.235*	0.235	3.38	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.758		*0.037*	0.037	5.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.60		*0.266*	0.266	6.03	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.212		*0.178*	0.178	1.19	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	93		*%*	%	93	*%*	%	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:47
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28557				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91398

Project ID: 135 KENT
Client ID: IA25-DUP

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.516	*0.204*	0.204	2.54	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.489	*0.204*	0.204	2.40	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	8.55	*0.421*	0.421	20.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.327	*0.313*	0.313	1.04	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-DUP

Phoenix I.D.: CS91398

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.329		*0.205*	0.205	1.61	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.620		*0.485*	0.485	1.28	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.453		*0.202*	0.202	2.24	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	71.1	E	*0.531*	0.531	134	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.283		*0.278*	0.278	1.02	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.262		*0.230*	0.230	1.14	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.328		*0.244*	0.244	1.34	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.349		*0.284*	0.284	1.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.228		*0.215*	0.215	1.06	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.97		*0.407*	0.407	7.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.892		*0.230*	0.230	3.87	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.40		*0.339*	0.339	15.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.366		*0.230*	0.230	1.59	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.19		*0.037*	0.037	8.07	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.04		*0.266*	0.266	3.92	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.222		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	%	96	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-DUP

Phoenix I.D.: CS91398

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:06
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	225				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91399

Project ID: 135 KENT
Client ID: IA25-04

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.71	*0.204*	0.204	8.40	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.551	*0.204*	0.204	2.71	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	2.02	*0.204*	0.204	9.9	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	6.52	*0.421*	0.421	15.5	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.835	*0.313*	0.313	2.67	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.077	*0.032*	0.032	0.48	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.605	*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.20	*0.291*	0.291	4.13	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.9	*0.531*	0.531	33.7	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.25	*0.230*	0.230	5.42	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.23	*0.244*	0.244	9.13	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.554	*0.215*	0.215	2.58	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.20	*0.407*	0.407	5.40	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.92	*0.339*	0.339	17.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.54	*0.230*	0.230	6.68	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.746	*0.037*	0.037	5.06	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.40	*0.266*	0.266	12.8	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.214	*0.178*	0.178	1.20	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	90	*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	105	*%*	%	105	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

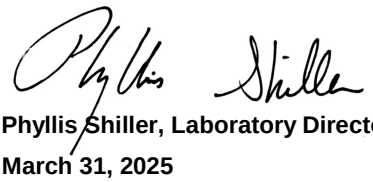
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19960				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91400

Project ID: 135 KENT
Client ID: IA25-12

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.315	*0.204*	0.204	1.55	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.389	*0.204*	0.204	1.91	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	9.88	*0.421*	0.421	23.5	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.473	*0.313*	0.313	1.51	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.063		*0.032*	0.032	0.40	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.434		*0.205*	0.205	2.12	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.639		*0.485*	0.485	1.32	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.486		*0.202*	0.202	2.40	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	86.0	E	*0.531*	0.531	162	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.05		*0.278*	0.278	3.78	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.361		*0.230*	0.230	1.57	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.666		*0.244*	0.244	2.73	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.591		*0.284*	0.284	2.08	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.313		*0.215*	0.215	1.46	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.14		*0.407*	0.407	7.71	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.12		*0.230*	0.230	4.86	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.08		*0.339*	0.339	20.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.408		*0.230*	0.230	1.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.674		*0.037*	0.037	4.57	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.56		*0.266*	0.266	5.88	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	0.042		*0.037*	0.037	0.23	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.211		*0.178*	0.178	1.18	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	483				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91401

Project ID: 135 KENT
Client ID: IA25-16

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.803	*0.204*	0.204	3.95	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.304	*0.204*	0.204	1.49	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.866	*0.204*	0.204	4.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.98	*0.421*	0.421	14.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.518	*0.313*	0.313	1.65	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.610		*0.485*	0.485	1.26	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.688		*0.291*	0.291	2.37	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	40.4	E	*0.531*	0.531	76.1	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.610		*0.230*	0.230	2.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.27		*0.244*	0.244	5.20	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.768		*0.284*	0.284	2.71	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.334		*0.215*	0.215	1.56	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.43		*0.407*	0.407	5.97	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.89		*0.230*	0.230	8.20	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.08		*0.339*	0.339	15.0	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.705		*0.230*	0.230	3.06	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.906		*0.037*	0.037	6.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.88		*0.266*	0.266	7.08	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.192		*0.178*	0.178	1.08	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	97		*%*	%	97	*%*	%	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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

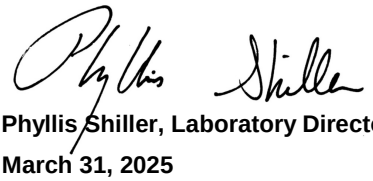
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19806				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91402

Project ID: 135 KENT
Client ID: IA25-05

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.518	*0.204*	0.204	2.54	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.589	*0.204*	0.204	2.89	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.13	*0.421*	0.421	12.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.543	*0.313*	0.313	1.73	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.032	0.42	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.654	*0.485*	0.485	1.35	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.571	*0.291*	0.291	1.96	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.500	*0.202*	0.202	2.47	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	37.9	*0.531*	0.531	71.4	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.483	*0.230*	0.230	2.10	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.877	*0.244*	0.244	3.59	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.668	*0.284*	0.284	2.35	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.357	*0.215*	0.215	1.66	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.62	*0.407*	0.407	3.98	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.51	*0.230*	0.230	6.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	4.98	*0.339*	0.339	14.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.559	*0.230*	0.230	2.43	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.621	*0.037*	0.037	4.21	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.59	*0.266*	0.266	5.99	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	0.178	1.10	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	93	*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92	*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	%	96	*%*	%	03/26/25	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:

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Phyllis Shiller, Laboratory Director
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:13
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28597				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91403

Project ID: 135 KENT
Client ID: IA25-13

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.541	*0.204*	0.204	2.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.228	*0.204*	0.204	1.12	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.243	*0.166*	0.166	1.46	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.457	*0.204*	0.204	2.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	7.88	*0.421*	0.421	18.7	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.337	*0.313*	0.313	1.08	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.649		*0.485*	0.485	1.34	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.318		*0.291*	0.291	1.09	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	88.6	E	*0.531*	0.531	167	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.471		*0.278*	0.278	1.70	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.277		*0.230*	0.230	1.20	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.504		*0.244*	0.244	2.06	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.436		*0.284*	0.284	1.54	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.241		*0.215*	0.215	1.12	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	5.51		*0.407*	0.407	13.5	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	0.884		*0.230*	0.230	3.84	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.18		*0.339*	0.339	15.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.358		*0.230*	0.230	1.55	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.408		*0.037*	0.037	2.77	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.22		*0.266*	0.266	4.59	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221		*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	91		*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:43
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23346				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91404

Project ID: 135 KENT
Client ID: IA25-06

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.06	*0.204*	0.204	5.21	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.453	*0.204*	0.204	2.23	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.88	*0.421*	0.421	16.3	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.450	*0.313*	0.313	1.44	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071		*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.321		*0.205*	0.205	1.57	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.587		*0.485*	0.485	1.21	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.463		*0.291*	0.291	1.59	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	43.0	E	*0.531*	0.531	81.0	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.375		*0.278*	0.278	1.35	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.381		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.733		*0.244*	0.244	3.00	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.553		*0.284*	0.284	1.95	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.246		*0.215*	0.215	1.15	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.25		*0.407*	0.407	5.53	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.17		*0.230*	0.230	5.08	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	9.61		*0.339*	0.339	28.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.471		*0.230*	0.230	2.04	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.588		*0.037*	0.037	3.99	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.50		*0.266*	0.266	5.65	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	111		*%*	%	111	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:09
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18259				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91405

Project ID: 135 KENT
Client ID: IA25-01

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.441	*0.204*	0.204	2.17	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.54	*0.204*	0.204	7.57	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.21	*0.421*	0.421	12.4	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.830	*0.313*	0.313	2.65	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.492	*0.485*	0.485	1.02	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.14	*0.291*	0.291	3.92	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.4	*0.531*	0.531	32.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.01	*0.230*	0.230	4.38	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.92	*0.244*	0.244	7.86	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.20	*0.284*	0.284	4.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.395	*0.215*	0.215	1.84	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.80	*0.407*	0.407	4.42	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.13	*0.230*	0.230	13.6	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	6.23	*0.339*	0.339	18.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.15	*0.230*	0.230	4.99	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.493	*0.037*	0.037	3.34	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.69	*0.266*	0.266	10.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	0.064	*0.037*	0.037	0.34	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	%	107	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	105	*%*	%	105	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	%	119	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

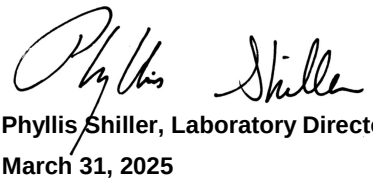
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49247				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91406

Project ID: 135 KENT
Client ID: IA25-17

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.829	*0.204*	0.204	4.07	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.328	*0.204*	0.204	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.07	*0.204*	0.204	5.26	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.55	*0.421*	0.421	13.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.630	*0.313*	0.313	2.01	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-17

Phoenix I.D.: CS91406

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.550	*0.485*	0.485	1.14	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.458	*0.202*	0.202	2.26	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	31.7	*0.531*	0.531	59.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.749	*0.230*	0.230	3.25	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.45	*0.244*	0.244	5.94	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.956	*0.284*	0.284	3.37	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.295	*0.215*	0.215	1.37	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.14	*0.407*	0.407	5.26	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	2.20	*0.230*	0.230	9.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.84	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.809	*0.230*	0.230	3.51	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.808	*0.037*	0.037	5.48	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	2.05	*0.266*	0.266	7.72	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	109	*%*	%	109	*%*	%	03/26/25	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:

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

Phyllis Shiller, Laboratory Director

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49245				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91407

Project ID: 135 KENT
Client ID: IA25-08

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.911	*0.204*	0.204	4.48	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.428	*0.204*	0.204	2.10	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.220	*0.166*	0.166	1.32	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.752	*0.204*	0.204	3.69	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	9.13	*0.421*	0.421	21.7	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.416	*0.313*	0.313	1.33	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.067		*0.032*	0.032	0.42	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.364		*0.205*	0.205	1.78	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.608		*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.496		*0.202*	0.202	2.45	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	106	E	*0.531*	0.531	200	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.488		*0.278*	0.278	1.76	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.267		*0.230*	0.230	1.16	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.490		*0.244*	0.244	2.01	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.455		*0.284*	0.284	1.60	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	8.07		*0.407*	0.407	19.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.760		*0.230*	0.230	3.30	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.45		*0.339*	0.339	24.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.337		*0.230*	0.230	1.46	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.486		*0.037*	0.037	3.29	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.397		*0.339*	0.339	1.17	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.10		*0.266*	0.266	4.14	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97		*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:50
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28617				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91408

Project ID: 135 KENT
Client ID: IA25-14B

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.744	*0.204*	0.204	3.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.286	*0.204*	0.204	1.41	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.268	*0.166*	0.166	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.252	*0.204*	0.204	1.24	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	16.8	*0.421*	0.421	39.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.370	*0.313*	0.313	1.18	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.580		*0.205*	0.205	2.83	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.725		*0.485*	0.485	1.50	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	444	E	*0.531*	0.531	836	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.757		*0.278*	0.278	2.73	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.385		*0.230*	0.230	1.67	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.636		*0.244*	0.244	2.60	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.461		*0.284*	0.284	1.62	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.285		*0.215*	0.215	1.33	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	32.0		*0.407*	0.407	78.6	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.26		*0.230*	0.230	5.47	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.71		*0.339*	0.339	22.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.495		*0.230*	0.230	2.15	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.591		*0.037*	0.037	4.01	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.427		*0.339*	0.339	1.26	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	88		*%*	%	88	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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

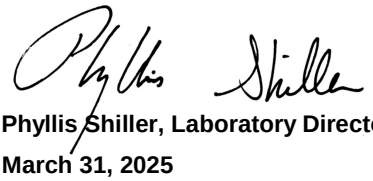
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	9:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19962				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91409

Project ID: 135 KENT
Client ID: IA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.81	*0.204*	0.204	8.89	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.580	*0.204*	0.204	2.85	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	2.05	*0.204*	0.204	10.1	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.57	*0.421*	0.421	15.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.825	*0.313*	0.313	2.63	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.633	*0.485*	0.485	1.31	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.21	*0.291*	0.291	4.16	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.466	*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	19.4	*0.531*	0.531	36.5	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.24	*0.230*	0.230	5.38	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.559	*0.215*	0.215	2.60	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.37	*0.407*	0.407	5.82	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.86	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.58	*0.230*	0.230	6.86	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.649	*0.037*	0.037	4.40	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.39	*0.266*	0.266	12.8	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	91	*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	%	102	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

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

March 31, 2025

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23330				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91410

Project ID: 135 KENT
Client ID: OA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.698	*0.204*	0.204	3.43	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.254	*0.204*	0.204	1.25	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.824	*0.204*	0.204	4.05	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.50	*0.421*	0.421	13.1	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.594	*0.313*	0.313	1.90	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-02

Phoenix I.D.: CS91410

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071	*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.391	*0.205*	0.205	1.91	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.572	*0.485*	0.485	1.18	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.421	*0.202*	0.202	2.08	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	22.7	*0.531*	0.531	42.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.540	*0.230*	0.230	2.34	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.928	*0.244*	0.244	3.80	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.780	*0.284*	0.284	2.75	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.325	*0.215*	0.215	1.51	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.65	*0.407*	0.407	4.05	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.74	*0.230*	0.230	7.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.94	*0.339*	0.339	20.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.639	*0.230*	0.230	2.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.715	*0.037*	0.037	4.85	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.70	*0.266*	0.266	6.40	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	110	*%*	%	110	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	108	*%*	%	108	*%*	%	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: OA25-02

Phoenix I.D.: CS91410

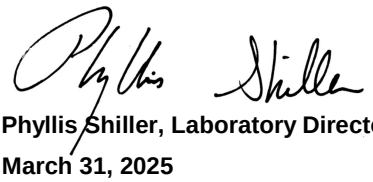
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:05
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	465				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91411

Project ID: 135 KENT
Client ID: OA25-01

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.459	*0.204*	0.204	2.26	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.59	*0.204*	0.204	7.81	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.32	*0.421*	0.421	12.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.963	*0.313*	0.313	3.07	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-01

Phoenix I.D.: CS91411

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.069	*0.032*	0.032	0.43	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.593	*0.485*	0.485	1.22	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.12	*0.291*	0.291	3.85	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	18.4	*0.531*	0.531	34.6	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.10	*0.230*	0.230	4.77	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.00	*0.244*	0.244	8.19	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.34	*0.284*	0.284	4.72	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.452	*0.215*	0.215	2.11	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.70	*0.407*	0.407	4.18	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.36	*0.230*	0.230	14.6	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.53	*0.339*	0.339	19.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.23	*0.230*	0.230	5.34	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.698	*0.037*	0.037	4.73	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.00	*0.266*	0.266	11.3	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	108	*%*	%	108	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99	*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-01

Phoenix I.D.: CS91411

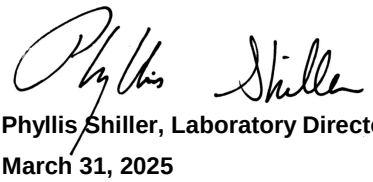
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:58
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13639				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91412

Project ID: 135 KENT
Client ID: IA25-14A

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.656	*0.204*	0.204	3.22	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.278	*0.204*	0.204	1.37	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.181	*0.166*	0.166	1.09	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.679	*0.204*	0.204	3.34	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	12.9	*0.421*	0.421	30.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.430	*0.313*	0.313	1.37	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.791		*0.205*	0.205	3.86	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.657		*0.485*	0.485	1.36	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.465		*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	645	E	*0.531*	0.531	1210	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.12		*0.278*	0.278	4.03	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.376		*0.230*	0.230	1.63	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.749		*0.244*	0.244	3.07	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.515		*0.284*	0.284	1.81	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.220		*0.215*	0.215	1.03	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	22.5		*0.407*	0.407	55.3	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.16		*0.230*	0.230	5.03	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.44		*0.339*	0.339	24.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.459		*0.230*	0.230	1.99	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.434		*0.037*	0.037	2.94	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.584		*0.339*	0.339	1.72	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	98		*%*	%	98	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

Canister Sampling Information

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

SDG I.D.: GCS91392

Project ID: 135 KENT

						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
IA25-03	CS91392	21362	6.0L	19831	03/21/25	-30	-6	3.11	11.8	116.6	-30	-6	03/24/25 11:46	03/25/25 17:08
IA25-10	CS91393	28568	6.0L	39836	03/21/25	-30	-9	3	2.99	0.3	-30	-8	03/24/25 11:12	03/25/25 10:57
IA25-11	CS91394	28552	6.0L	10753	03/21/25	-30	-7	3.12	3.11	0.3	-30	-8	03/24/25 11:06	03/25/25 11:11
IA25-09	CS91395	23871	6.0L	19842	03/21/25	-30	-7	3.16	3.18	0.6	-30	-6	03/24/25 10:51	03/25/25 10:46
IA25-15	CS91396	28565	6.0L	4982	03/21/25	-30	-7	3.02	3.03	0.3	-30	-7	03/24/25 11:04	03/25/25 10:49
IA25-07	CS91397	23350	6.0L	10741	03/21/25	-30	-6	3.17	3.22	1.6	-30	-6	03/24/25 10:54	03/25/25 10:44
IA25-DUP	CS91398	28557	6.0L	5652	03/21/25	-30	-10	3.03	3.07	1.3	-30	-11	03/24/25 11:51	03/25/25 11:47
IA25-04	CS91399	225	6.0L	10590	03/21/25	-30	-6	3.01	10.9	113.4	-30	-8	03/24/25 11:45	03/25/25 19:06
IA25-12	CS91400	19960	6.0L	10761	03/21/25	-30	-6	3.11	3.15	1.3	-30	-5	03/24/25 11:03	03/25/25 11:51
IA25-16	CS91401	483	6.0L	10739	03/21/25	-30	-4	3.1	11.9	117.3	-30	-5	03/24/25 10:47	03/25/25 18:49
IA25-05	CS91402	19806	6.0L	10647	03/21/25	-30	-5	3.08	11.5	115.5	-30	-5	03/24/25 10:45	03/25/25 18:45
IA25-13	CS91403	28597	6.0L	3963	03/21/25	-30	-5	3.26	3.5	7.1	-30	-5	03/24/25 10:02	03/25/25 11:13
IA25-06	CS91404	23346	6.0L	10705	03/21/25	-30	-6	3.13	3.03	3.2	-30	-6	03/24/25 10:56	03/25/25 10:43
IA25-01	CS91405	18259	6.0L	10656	03/21/25	-30	-8	3	10.4	110.4	-30	-8	03/24/25 11:52	03/25/25 09:09

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

Project ID: 135 KENT

SDG I.D.: GCS91392

						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
IA25-17	CS91406	49247	6.0L	10699	03/21/25	-30	-4	3.3	12.1	114.3	-30	-5	03/24/25 10:48	03/25/25 18:51
IA25-08	CS91407	49245	6.0L	2988	03/21/25	-30	-5	3.1	3.11	0.3	-29	-5	03/24/25 10:52	03/25/25 10:45
IA25-14B	CS91408	28617	6.0L	5595	03/21/25	-30	-7	3.15	3.15	0.0	-30	-7	03/24/25 11:09	03/25/25 10:50
IA25-02	CS91409	19962	6.0L	19829	03/21/25	-30	-6	3.05	11.6	116.7	-30	-8	03/24/25 11:49	03/25/25 09:07
OA25-02	CS91410	23330	6.0L	7024	03/21/25	-30	-5	3.2	3.1	3.2	-30	-6	03/24/25 11:37	03/25/25 11:07
OA25-01	CS91411	465	6.0L	4494	03/21/25	-30	-5	3.17	10.8	109.2	-30	-7	03/24/25 11:35	03/25/25 19:05
IA25-14A	CS91412	13639	6.0L	10557	03/21/25	-30	-7	3.12	3.31	5.9	-30	-7	03/24/25 11:10	03/25/25 10:58

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

NY # 11301

QA/QC Report

March 31, 2025

QA/QC Data

SDG I.D.: GCS91392

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 776428 (ppbv), QC Sample No: CS90667 (CS91392, CS91393, CS91394, CS91404, CS91406, CS91407, CS91410, CS91411, CS91412)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	82	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	65	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	96	6.44	6.58	1.31	1.34	2.3	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	82	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	86	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	94	1.83	1.91	0.373	0.388	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	89	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	95	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	19.4	20.1	4.17	4.32	3.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	5.94	6.09	1.21	1.24	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	84	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	102	1.36	1.38	0.333	0.336	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	76	192 E	197	80.7 E	82.8	2.6	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	76	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	111	2.92	3.09	0.916	0.968	5.5	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	86	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	73	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	96	0.41	0.43	0.066	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	82	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	109	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	97	0.94	1.04	0.455	0.504	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	103	2.88	3.04	0.837	0.884	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	95	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
Dichlorodifluoromethane	ND	0.250	ND	1.24	108	1.97	1.90	0.398	0.384	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	78	110 E	113	58.5 E	60.0	2.5	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	143	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	99	6.16	6.38	1.42	1.47	3.5	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	72.9	76.2	17.8	18.6	4.4	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	60	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	111	5.88	6.16	1.67	1.75	4.7	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	73	56.5 E	58.5	23.0 E	23.8	3.4	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	92	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	101	19.6	20.5	4.51	4.73	4.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	108	1.49	1.62	0.506	0.549	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	75	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	75	0.78	0.72	0.149	0.137	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	86	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	99	7.12	7.12	1.64	1.64	0.0	70 - 130	25
Propylene	ND	0.250	ND	0.43	98	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	89	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	97	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	87	2.22	2.35	0.327	0.347	5.9	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	109	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	106	35.6	37.2	9.45	9.88	4.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	69	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	72	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	96	115	112	115	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	114	%	114	%	105	103	102	103	102	NC	60 - 140	25
% IS-Bromochloromethane	117	%	117	%	112	104	102	104	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	126	107	106	107	106	NC	60 - 140	25

QA/QC Batch 776464 (ppbv), QC Sample No: CS90762 (CS91400, CS91401, CS91402, CS91403)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	123	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	100	1.16	1.20	0.251	0.259	3.1	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	103	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	105	0.93	0.93	0.154	0.155	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	97	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	3.48	ND	0.746	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	98	1.41	1.47	0.344	0.358	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	70.3	71.5	29.6	30.1	1.7	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	0.85	0.86	0.267	0.268	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	107	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.00	0.99	0.150	0.148	1.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.41	0.41	0.066	0.066	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	8.88	8.93	1.82	1.83	0.5	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	103	0.97	0.97	0.469	0.469	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	106	0.16	0.16	0.019	0.019	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.25	2.33	0.456	0.471	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	98	95.5 E	99.4	50.7 E	52.8	4.1	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	124	1.84	1.92	0.512	0.534	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	101	1.28	1.26	0.295	0.290	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	122	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	100	1.70	1.70	0.483	0.484	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	100	24.1	24.5	9.8	9.98	1.8	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	4.82	4.82	1.11	1.11	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	3.36	3.36	1.14	1.14	0.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	93	479	489	138	141	2.2	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	125	0.59	0.44	0.112	0.085	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	1.83	1.86	0.421	0.429	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	93	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.50	0.51	0.117	0.119	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	0.82	0.82	0.121	0.121	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	135	137	35.9	36.3	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.21	0.21	0.039	0.040	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	101	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	102	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	99	104	104	104	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	97	96	94	96	94	NC	60 - 140	25
% IS-Bromochloromethane	98	%	98	%	98	98	96	98	96	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS91392

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
% IS-Chlorobenzene-d5	95	%	95	%	103	95	94	95	94	NC	60 - 140	25
QA/QC Batch 776431 (ppbv), QC Sample No: CS90763 (CS91395, CS91396, CS91397, CS91398, CS91399, CS91408, CS91409)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	1.45	1.62	0.296	0.330	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	122	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	105	2.35	2.40	0.581	0.594	2.2	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	0.44	0.48	0.096	0.105	9.0	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	125	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	120	2.90	3.30	0.482	0.549	13.0	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	102	2.38	2.62	0.511	0.562	9.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	113	1.24	1.33	0.252	0.271	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	103	33.0	34.4	13.9	14.5	4.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	1.48	1.54	0.464	0.481	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.59	1.71	0.238	0.256	7.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.48	0.52	0.077	0.082	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	101	13.6	14.4	2.79	2.95	5.6	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	101	1.41	1.38	0.684	0.670	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	1.29	1.31	0.375	0.381	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	104	0.23	0.25	0.027	0.029	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	106	2.34	2.30	0.474	0.466	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	96	284 E	305	151 E	162	7.0	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	126	3.21	3.58	0.891	0.994	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	108	1.65	1.87	0.380	0.430	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	105	2.45	2.60	0.597	0.636	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	132	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	105	2.68	2.79	0.761	0.791	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	102	74.2 E	76.6	30.2 E	31.2	3.3	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
m,p-Xylene	ND	0.500	ND	2.17	111	5.86	6.51	1.35	1.50	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.11	2.21	0.715	0.750	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	96	28.4	29.3	8.19	8.44	3.0	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	106	1.08	1.22	0.206	0.234	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	108	2.39	2.66	0.551	0.612	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	97	6.36	6.59	3.70	3.83	3.5	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	113	0.67	0.79	0.158	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	106	4.39	4.83	0.647	0.712	9.6	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	106	0.94	0.95	0.319	0.323	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	105	19.6	21.1	5.21	5.59	7.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	104	0.26	0.29	0.048	0.054	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	105	107	111	107	111	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	94	93	85	93	85	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	92	91	86	91	86	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	100	92	83	92	83	NC	60 - 140	25
QA/QC Batch 776606 (ppbv), QC Sample No: CS91405 (CS91405)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	84	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	64	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	95	5.65	5.55	1.15	1.13	1.8	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	81	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	2.17	2.16	0.441	0.440	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	101	1.84	1.89	0.395	0.406	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	98	7.57	7.47	1.54	1.52	1.3	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	85	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	74	12.4	12.4	5.21	5.22	0.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	117	2.65	2.64	0.830	0.826	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	85	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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	
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	79	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.41	0.42	0.066	0.067	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	95	1.02	1.11	0.492	0.536	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	108	3.92	ND	1.14	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	106	2.53	2.36	0.512	0.477	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	76	32.8	32.0	17.4	17.0	2.3	70 - 130	25	
Ethyl acetate	ND	0.280	ND	1.01	152	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	100	4.34	4.38	1.00	1.01	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	105	7.86	7.50	1.92	1.83	4.8	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	59	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	116	4.23	3.98	1.20	1.13	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	73	4.42	4.42	1.80	1.80	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	102	13.6	13.4	3.13	3.09	1.3	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	112	18.4	18.2	6.23	6.17	1.0	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	75	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	75	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	4.99	4.99	1.15	1.15	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	84	3.34	3.17	0.493	0.467	5.4	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	107	10.1	10.2	2.69	2.72	1.1	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	91	0.34	0.33	0.064	0.061	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Trichlorotrifluoroethane	ND	0.130	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	110	%	110	%	100	109	104	109	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	117	%	117	%	108	107	108	107	108	NC	60 - 140	25	
% IS-Bromochloromethane	116	%	116	%	109	105	106	105	106	NC	60 - 140	25	
% IS-Chlorobenzene-d5	114	%	114	%	126	119	121	119	121	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GCS91392

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

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
March 31, 2025

Monday, March 31, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91392	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.469	0.037	0.443	0.443	ppbv
CS91392	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91393	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91393	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.597	0.037	0.443	0.443	ppbv
CS91394	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.072	0.032	0.032	0.032	ppbv
CS91394	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.541	0.037	0.443	0.443	ppbv
CS91395	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91395	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.24	0.037	0.443	0.443	ppbv
CS91396	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.762	0.037	0.443	0.443	ppbv
CS91396	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91397	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS91397	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.758	0.037	0.443	0.443	ppbv
CS91398	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91398	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.19	0.037	0.443	0.443	ppbv
CS91399	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS91399	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.746	0.037	0.443	0.443	ppbv
CS91400	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.063	0.032	0.032	0.032	ppbv
CS91400	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.674	0.037	0.443	0.443	ppbv
CS91400	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.042	0.037	0.037	0.037	ppbv
CS91401	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91401	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.906	0.037	0.443	0.443	ppbv
CS91402	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.621	0.037	0.443	0.443	ppbv
CS91402	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91403	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.588	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91405	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.493	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.064	0.037	0.037	0.037	ppbv
CS91406	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.808	0.037	0.443	0.443	ppbv
CS91406	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv

Monday, March 31, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91407	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91407	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.486	0.037	0.443	0.443	ppbv
CS91408	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91408	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.591	0.037	0.443	0.443	ppbv
CS91409	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91409	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.649	0.037	0.443	0.443	ppbv
CS91410	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91410	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.715	0.037	0.443	0.443	ppbv
CS91411	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.069	0.032	0.032	0.032	ppbv
CS91411	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.698	0.037	0.443	0.443	ppbv
CS91412	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	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.

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

ROCKENVIRO

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Data Delivery:
- [ ] Fax #:
- [ ] Email: rob@rockenviro.com
- [x] Phone #: 718-858-6655

Report to:	Rob Bennett	Project Name:	135 Kent
Customer:	Rock Enviro (RE)	Invoice to:	RE
Address:	170 Lee Avenue	Sampled by:	RB + RQ
17204	Brooklyn NY 11211	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)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
91392	IA 25-03	21362	6.0L	-30	-6	~~19831~~ 5352	3.11	1146	1708	3/24/25	-30	-6	X		G	X	
91393	IA25-10	28568	6.0L	-30	-9	39836	3	1112	1057	3/24/25	-30	-8	X		G	X	
91394	IA25-11	28552	6.0L	-30	-7	10753	3.12	1106	1111	3/24/25	-30	-8	X		G	X	
91395	IA25-09	23871	6.0L	-30	-7	19842	3.16	1051	1046	3/24/25	-30	-6	X		G	X	
91396	IA25-15	28565	6.0L	-30	-7	4982	3.02	1104	1049	3/24/25	-30	-7	X		G	X	
91397	~~IA-07~~ IA25 07	23350	6.0L	-30	-6	10741	3.17	1054	1044	3/24/25	-30	-6	X		G	X	
91398	IA25-DUP	28557	6.0L	-30	-10	5652	3.03	1051	1147	3/24/25	-30	-11	X		G	X	
91399	IA 25-04	225	6.0L	-30	-6	~~10590~~ 5043	3.01	1145	1906	3/24/25	-30	-8	X		G	X	
91400	IA 25-12	19960	6.0L	-30	-6	10761	3.11	1103	1151	3/24/25	-30	-5	X		G	X	
	Did Not Use	~~49211~~	6.0L	-30		10758	3.08										

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/21/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr Need LCS included in lab report

Flow controller ID #s changed because we swapped 24-hr for 8-hr controllers on 16:30

*Rec at PCL unused

Turnaround Time:
- [ ] 1 Day*
- [ ] 2 Day*
- [ ] 3 Day*
- [ ] 4 Day*
- [ ] 5 Day*
- [x] Standard

*SURCHARGES MAY APPLY.

Requested Criteria: (Please Circle)

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

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

PHOENIX Environmental Laboratories, Inc.

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

ROCKENVIRO

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: rob@rockenviro.com
☒ Phone #: (718)858-6655

Report to: Rob Bennett
Customer: Rock Enviro (RE)
Address: 170 Lee Avenue
17204 Brooklyn NY 11211

Project Name: 135 Kent
Invoice to: RE
Sampled by: RB + RQ

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
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	
91401	• IA25-16	483	6.0L	-30	-4	~~7004~~ ~~10739~~	3.1	1047	1849	3/24/25	-30	-5	X		G	X	
91402	• IA25-05	19806	6.0L	-30	-5	~~5600~~ ~~10647~~	3.08	1045	1845	3/24/25	-30	-5	X		G	X	
91403	IA25-13	28597	6.0L	-30	-5	3963	3.26	1102	1113	3/24/25	-30	-5	X		G	X	
91404	~~IA25-06~~ IA25-06	23346	6.0L	-30	-6	10705	3.13	1056	1043	3/24/25	-30	-6	X		G	X	
91405	• 1A25-01	18259	6.0L	-30	-8	~~10770~~ ~~10656~~	3	1152	1909	3/24/25	-30	-8	X		G	X	
91406	• IA25-17	49247	6.0L	-30	-4	~~3408~~ ~~10695~~	3.3	1048	1851	3/24/25	-30	-5	X		G	X	
91407	IA25-08	49245	6.0L	-30	-5	2988	3.1	1052	1045	3/24/25	-29	-5	X		G	X	
91408	IA25-14B	28617	6.0L	-30	-7	5595	3.15	1109	1050	3/24/25	-30	-7	X		G	X	
91409	• ~~IA25-02~~ IA25-02	19962	6.0L	-30	-6	~~3998~~ ~~19829~~	3.05	1149	1907	3/24/25	-30	-8	X		G	X	
91410	• OA25-02	23330	6.0L	-30	-5	7024	3.2	1137	1107	3/24/25	-30	-6	X		G	X	

Relinquished by:

Accepted by:

Date: 3.26.2025 Time: 1238
Date: 3/26/25 Time: 1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

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

P.O. #

Data Delivery:
☐ Fax #:
☑ Email: rob@rockenviro.com
☑ Phone #: (718) 858-6655

ROCKENVIRO

Report to:	Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:
Customer:	Rock Enviro	Invoice to: RE	Requested Deliverable: RCP ASP CAT B
Address:	170 Lee Avenue		MCP NJ Deliverables
17204	Brooklyn NY 11211	Sampled by: RB+RQ	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		
91411	OA 25-01	465	6.0L	-30	-5	4979 ~~4494~~	3.17	1135	1905	3/24/25	-30	-7	X		G	X		
91412	IA 25-14A	13639	6.0L	-30	-7	10557	3.12	1110	1058	3/24/25	-30	-7	X		G	X		

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25 16:30

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC RES					
GWV I/C					
GWV CES					

APPENDIX C
Data Usability Summary Report (DUSR)
March 24, 2025, Indoor Air Quality Sampling

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

DATA USABILITY SUMMARY REPORT
2025 AIR SAMPLING

Former Cleaner Sales & Equipment Corp. Site

135 Kent Avenue, Brooklyn, NY 11249

Site Number C224177

Prepared By:

Rock Enviro LLC
170 Lee Avenue
Brooklyn, NY 11211

JUNE 2025

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

TABLE OF CONTENTS

LIST OF TABLES....2
ACRONYMS AND ABBREVIATIONS....2
1 INTRODUCTION....3
2 FINDINGS....4
2.1 PARAMETERS REVIEWED....4
2.2 SAMPLE RECEIPT AND HOLDING TIMES....4
2.3 BLANKS....4
2.4 SURROGATE....5
2.5 LABORATORY CONTROL SAMPLE....5
2.6 LABORATORY DUPLICATE SAMPLE....9
2.7 REPLACATES....9
2.8 METHOD REPORTING LIMITS AND METHODOLOGY....9
3 OVERALL ASSESSMENT....10
3.1 DATA QUALITFICATION....10
3.2 DATAS USABILITY....10
4 REFERENCES....10

TABLES
1 – Definition of Data Qualifiers
2 – Definition of Data Validation Reason Codes
3 – QA/QC Parameters Reviewed
4 – Summary of Qualified Data

ATTACHMENTS
A – Laboratory Report, March 2025 Sampling (Phoenix)
B – NY Analytical Services Protocol Data Package, March 2025 Sampling (Phoenix)
C – Lab Results with Qualifiers (highlighted)

LIST OF ACRONYMS

DUSR	Data Usability Summary Report
EPA	U.S. Environmental Protection Agency
LCS	Laboratory Control Sample
MRL	Method Reporting Limit
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operation, Maintenance, and Monitoring
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percent Difference

1 INTRODUCTION

Rock Enviro LLC (Rock Enviro) has prepared this data usability summary report (DUSR) for the indoor air quality (IAQ) samples collected March 26 and March 27, 2025, by Rock Enviro LLC. (Rock) on behalf of 135 Kent LLC for the property located at 135 Kent Avenue (Block 2333, Lot 5), Brooklyn, New York (herein referred to as the "Site"). The Site is currently enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and is listed as NYSDEC Site No. C224177.

This report presents the data validation of indoor and outdoor air samples and associated quality control samples taken at 135 Kent Avenue, Brooklyn, New York, and analyzed by Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut. The samples were reported in sample delivery group GCS91392 and were analyzed for select volatile organic compounds by U.S. Environmental Protection Agency (EPA) Methods TO-15 and TO-15 SIM (USEPA 1999). The samples received a Stage 2A validation, which included a review of all laboratory summary forms of quality control data. The data validation was based on criteria described in EPA's functional guidelines for organic data review (USEPA 2016) and the referenced analytical method.

The quality assurance and quality control (QA/QC) parameters reviewed are discussed in Section 2. All electronic data deliverables were compared to the hard copy data packages, and 10 percent of the field sample results were verified. The definitions of the data qualifiers used are provided in Table 1, and descriptions of the reason codes used are provided in Table 2.

2 FINDINGS

The data validation findings are provided in this section.

2.1 PARAMETERS REVIEWED

The QA/QC parameters reviewed for each analytical parameter are discussed below and are listed in **Table 2**.

2.2 SAMPLE RECEIPT AND HOLDING TIMES

Samples were received with complete chain-of-custody forms and in good condition, with the exceptions noted below. All analyses were conducted within the holding times in the referenced methods.

As indicated on the chain-of-custody (COC) forms, Rock Enviro measured the initial canister vacuum readings (upon starting sample collection) ranging from -29 to -30 Hg and final vacuum readings (upon sample collection) ranged from -5 to -11 Hg. As indicated on the "Canister Sampling Information" provided by the laboratory (Phoenix), the outgoing canister vacuum readings (prior to leaving the laboratory) were all measured at -30 Hg and the final vacuum readings (upon return to the laboratory) ranged from -4 to -10 Hg. The only samples with final vacuum readings above -8 in Hg were IA25-10 (-9 in Hg) and IA25-DUP (-10 in Hg), as reported by the laboratory.

A duplicate sample (IA25-DUP) was collected alongside indoor air sample, IA25-09 in apartment C-4 on the second floor. Adequate sample volumes were collected in both samples, and the results are generally consistent. As such, the sampling data was adequate for QA/QC purposes and no qualifiers were assigned to the duplicate sample.

The laboratory's quality control sample (laboratory control sample, or LCS), QAQC Batch 776428, QC Sample No. CS90667, met the acceptance criteria for the full scan analysis. The associated compound for those samples were reported from the SIM analysis.

The CS90667, LCS, recovery for ethyl acetate (143%) with TO-15LL, was above the upper 130% acceptance limit. The CS90763, LCS, recovery for hexachlorobutadiene (132%) with TO-15LL, was above the upper 130% acceptance limit. The CS91405, LCS, recovery for trichlorofluoromethane (69%), 1,2,4-trichlorobenzene (64%) and hexachlorobutadiene (59%), with TO-15LL, were below the lower 70% acceptance limit, and ethyl acetate (152%) with TO-15LL, was above the upper 130% acceptance limit. The CS90667, LCS, recovery for 1,2,4-trichlorobenzene (65%) and hexachlorobutadiene (60%) with TO-15LL, were below the lower 70% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

2.3 BLANKS

All results from the laboratory method blanks were reported as less than the method reporting limit (MRL).

2.4 SURROGATE

The percent recoveries of all reported surrogates were within laboratory control limits.

2.5 LABORATORY CONTROL SAMPLES

The percent recoveries of all laboratory control samples (LCS) were within laboratory control limits. See below.

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90667 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC	#	QC. LIMITS REC.	
Propylene	10		9.870	99		70	130
Dichlorodifluoromethane	10		10.96	110		70	130
Chloromethane	10		9.767	98		70	130
1,2-Dichlorotetrafluoroethane	10		8.712	87		70	130
Vinyl Chloride	10		9.076	91		70	130
1,3-Butadiene	10		8.959	90		70	130
Bromomethane	10		7.865	79		70	130
Chloroethane	10		8.316	83		70	130
Ethanol	6		4.994	83		70	130
Acetone	10		7.654	77		70	130
Trichlorofluoromethane	10		7.023	70		70	130
Isopropylalcohol	10		7.392	74		70	130
Acrylonitrile	10		7.683	77		70	130
1,1-Dichloroethene	10		7.664	77		70	130
Methylene Chloride	10		7.548	75		70	130
Carbon Disulfide	10		7.841	78		70	130
Trichlorotrifluoroethane	10		7.277	73		70	130
Trans-1,2-Dichloroethene	10		10.70	107		70	130
1,1-Dichloroethane	10		10.77	108		70	130
Methyl tert-butyl ether(MTBE)	10		10.55	106		70	130
Methyl Ethyl Ketone	10		10.88	109		70	130
Cis-1,2-Dichloroethene	10		10.82	108		70	130
Hexane	10		11.25	113		70	130
Chloroform	10		11.07	111		70	130
Ethyl acetate	10		14.20	142	*	70	130
Tetrahydrofuran	10		11.07	111		70	130
1,2-Dichloroethane	10		11.14	111		70	130
1,1,1-Trichloroethane	10		10.42	104		70	130
Benzene	10		11.22	112		70	130
Carbon Tetrachloride	10		9.683	97		70	130
Cyclohexane	10		10.40	104		70	130
1,2-dichloropropane	10		10.62	106		70	130
Bromodichloromethane	10		10.32	103		70	130
Trichloroethene	10		8.958	90		70	130
2,2,4-trimethylpentane	10		9.958	100		70	130
1,4-Dioxane	10		9.528	95		70	130
Heptane	10		10.65	107		70	130
cis-1,3-Dichloropropene	10		10.47	105		70	130
4-Methyl-2-pentanone(MIBK)	10		10.18	102		70	130
trans-1,3-Dichloropropene	10		10.17	102		70	130
1,1,2-Trichloroethane	10		10.56	106		70	130
Toluene	10		10.56	106		70	130
Dibromochloromethane	10		9.535	95		70	130
2-Hexanone(MBK)	10		10.20	102		70	130

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90667 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC	#	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.10	101		70	130
Tetrachloroethene	10		8.658	87		70	130
1,1,1,2-Tetrachloroethane	10		8.188	82		70	130
Chlorobenzene	10		9.473	95		70	130
Ethylbenzene	10		9.872	99		70	130
m,p-Xylene	20		20.14	101		70	130
Bromoform	10		7.278	73		70	130
Styrene	10		9.658	97		70	130
1,1,2,2-Tetrachloroethane	10		9.812	98		70	130
o-Xylene	10		9.853	99		70	130
Isopropylbenzene	10		9.232	92		70	130
4-Ethyltoluene	10		9.774	98		70	130
1,3,5-Trimethylbenzene	10		9.385	94		70	130
1,2,4-Trimethylbenzene	10		9.558	96		70	130
Benzyl chloride	10		8.639	86		70	130
1,3-Dichlorobenzene	10		8.455	85		70	130
1,4-Dichlorobenzene	10		8.448	84		70	130
sec-Butylbenzene	10		8.946	89		70	130
4-Isopropyltoluene	10		8.445	84		70	130
1,2-Dichlorobenzene	10		8.218	82		70	130
n-Butylbenzene	10		8.577	86		70	130
1,2,4-Trichlorobenzene	8		5.199	65	*	70	130
Naphthalene	8		6.011	75		70	130
Hexachlorobutadiene	8		4.788	60	*	70	130

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90763 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.37	104	70	130
Tetrachloroethene	10		10.63	106	70	130
1,1,1,2-Tetrachloroethane	10		10.15	102	70	130
Chlorobenzene	10		10.49	105	70	130
Ethylbenzene	10		10.82	108	70	130
m,p-Xylene	20		22.11	111	70	130
Bromoform	10		10.81	108	70	130
Styrene	10		11.29	113	70	130
1,1,2,2-Tetrachloroethane	10		10.55	106	70	130
o-Xylene	10		10.78	108	70	130
Isopropylbenzene	10		10.36	104	70	130
4-Ethyltoluene	10		11.33	113	70	130
1,3,5-Trimethylbenzene	10		11.00	110	70	130
1,2,4-Trimethylbenzene	10		11.52	115	70	130
Benzyl chloride	10		10.40	104	70	130
1,3-Dichlorobenzene	10		12.48	125	70	130
1,4-Dichlorobenzene	10		11.97	120	70	130
sec-Butylbenzene	10		10.29	103	70	130
4-Isopropyltoluene	10		10.44	104	70	130
1,2-Dichlorobenzene	10		12.17	122	70	130
n-Butylbenzene	10		11.27	113	70	130
1,2,4-Trichlorobenzene	8		9.218	115	70	130
Naphthalene	8		8.489	106	70	130
Hexachlorobutadiene	8		10.59	132 *	70	130

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS91405 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.38	104	70	130
Dichlorodifluoromethane	10		10.60	106	70	130
Chloromethane	10		9.510	95	70	130
1,2-Dichlorotetrafluoroethane	10		8.683	87	70	130
Vinyl Chloride	10		8.943	89	70	130
1,3-Butadiene	10		8.816	88	70	130
Bromomethane	10		7.935	79	70	130
Chloroethane	10		8.181	82	70	130
Ethanol	6		4.843	81	70	130
Acetone	10		7.446	74	70	130
Trichlorofluoromethane	10		6.948	69 *	70	130
Isopropylalcohol	10		7.339	73	70	130
Acrylonitrile	10		7.201	72	70	130
1,1-Dichloroethene	10		7.618	76	70	130
Methylene Chloride	10		7.451	75	70	130
Carbon Disulfide	10		7.753	78	70	130
Trichlorotrifluoroethane	10		7.213	72	70	130
Trans-1,2-Dichloroethene	10		11.33	113	70	130
1,1-Dichloroethane	10		11.43	114	70	130
Methyl tert-butyl ether(MTBE)	10		10.86	109	70	130
Methyl Ethyl Ketone	10		11.24	112	70	130
Cis-1,2-Dichloroethene	10		11.20	112	70	130
Hexane	10		11.57	116	70	130
Chloroform	10		11.40	114	70	130
Ethyl acetate	10		15.20	152 *	70	130
Tetrahydrofuran	10		11.56	116	70	130
1,2-Dichloroethane	10		11.70	117	70	130
1,1,1-Trichloroethane	10		10.78	108	70	130
Benzene	10		11.75	118	70	130
Carbon Tetrachloride	10		10.19	102	70	130
Cyclohexane	10		10.80	108	70	130
1,2-dichloropropane	10		10.60	106	70	130
Bromodichloromethane	10		10.30	103	70	130
Trichloroethene	10		9.071	91	70	130
2,2,4-trimethylpentane	10		10.08	101	70	130
1,4-Dioxane	10		9.568	96	70	130
Heptane	10		10.51	105	70	130
cis-1,3-Dichloropropene	10		10.48	105	70	130
4-Methyl-2-pentanone(MIBK)	10		10.14	101	70	130
trans-1,3-Dichloropropene	10		10.26	103	70	130
1,1,2-Trichloroethane	10		10.53	105	70	130
Toluene	10		10.68	107	70	130
Dibromochloromethane	10		9.489	95	70	130
2-Hexanone(MBK)	10		10.12	101	70	130

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS91405 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC	#	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.22	102		70	130
Tetrachloroethene	10		8.387	84		70	130
1,1,1,2-Tetrachloroethane	10		8.388	84		70	130
Chlorobenzene	10		9.575	96		70	130
Ethylbenzene	10		10.01	100		70	130
m,p-Xylene	20		20.30	102		70	130
Bromoform	10		7.190	72		70	130
Styrene	10		9.847	98		70	130
1,1,2,2-Tetrachloroethane	10		9.806	98		70	130
o-Xylene	10		9.925	99		70	130
Isopropylbenzene	10		9.267	93		70	130
4-Ethyltoluene	10		9.772	98		70	130
1,3,5-Trimethylbenzene	10		9.577	96		70	130
1,2,4-Trimethylbenzene	10		9.543	95		70	130
Benzyl chloride	10		8.504	85		70	130
1,3-Dichlorobenzene	10		8.521	85		70	130
1,4-Dichlorobenzene	10		8.428	84		70	130
sec-Butylbenzene	10		8.997	90		70	130
4-Isopropyltoluene	10		8.478	85		70	130
1,2-Dichlorobenzene	10		8.124	81		70	130
n-Butylbenzene	10		8.651	87		70	130
1,2,4-Trichlorobenzene	8		5.111	64	*	70	130
Naphthalene	8		6.010	75		70	130
Hexachlorobutadiene	8		4.683	59	*	70	130

2.6 LABORATORY DUPLICATE SAMPLES

The relative percent differences (RPDs) of all laboratory duplicate samples were within laboratory control limits.

2.7 REPLACATES

One set of field replicates was submitted. Samples IA25-09 and IA25-DUP. EPA has not established control limits for field replicates. For this project, the target control limit for field replicates is an RPD less than 35 percent for values greater than 5 times the MRL. For values less than 5 times the MRL, the absolute difference should be less than the MRL. These control limits were met for all analytes.

2.8 METHOD REPORTING/DETECTION LIMITS AND METHODOLOGY

There are no project-specific MRLs/MDLs specified for this project. The reported MRLs/MDLs are consistent with the methodology used and the intended uses of the data.

3 OVERALL ASSESSMENT

3.1 DATA QUALIFICATION

A total of 1,512 results were reported for the twenty-one (21) samples collected (including the duplicate) during the March 26-March 27, 2025, air sampling event. A total of 135 results (9%) were qualified as estimated. No results were rejected, and completeness was 100 percent. A summary of all qualified data is presented in Table 4. The complete lab report is included in Attachment A and a summary of qualified data is provided in Attachment B and lab results with qualified data highlighted is provided in Attachment C.

An additional 64 results were reported for the laboratory's method blank, and an additional 328 results were reported for the laboratory's two (2) batch QC samples. Therefore, a combined total of 1,544 results were reported including the laboratory's QC samples and method blank.

3.2 DATA USABILITY

The data meet the criteria set forth in the referenced quality assurance documents with the exceptions noted above. All results are acceptable for their intended use. A summary of all qualified results is presented in Table 4.

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4 REFERENCES

U.S. Environmental Protection Agency (USEPA) Compendium method TO-15: Determination of volatile organic compounds in air collected in specifically-prepared canisters and analyzed by gas chromatography/mass spectrometry (GC/MS). In Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition. USEPA, Office of Research and Development, Center for Environmental Research Information, Cincinnati, OH, January, 1999.

U.S. Environmental Protection Agency (USEPA) National functional guidelines for Superfund organic methods data review. USEPA-540-R-2016-002, Contract Laboratory Program. Office of Superfund Remediation and Technology Innovation, USEPA, Washington D.C., September 2016.

TABLES
Qualified Data

DUSR: March 2025 Air Sampling
Former Cleaner Sales and Equipment Corp. Site
135 Kent Avenue, Brooklyn, NY 11249
NYSDEC Site No: C224177

Table 1 - Definition of Data Qualifiers

Data Qualifier	Definition
E	Estimated value quantified above calibration range for this compound.
1	This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does no offer certification for all parameters at this time.

Table 2 - Definition of Data Vaildation Reason Codes

Reason Code	Definition
LCS	Laboratory Control Sample
Other	Defined in the report

Table 3 - QA/QC Parameters Reviewed

	Analytical Parameter
	VOCs
QA/QC Parameter	**EPA Method TO-15**
Sample receipt and holding times	Q
Blanks	+
Surrogate	+
Matrix Spikes	NA
LCS	Q
Replicates	+
MRL and Methodology	+

Notes:
ND = Not detected at the reporting limit (RL) for the sample.
"+" = All QA/QC criteria were met.
Q = Data were qualified and are discussed in the report.
EPA = U.S. Environmental Protection Agency
LCS = Laboratory Control Sample
MDL = Method Detection Limit
QA/QC = Quality Assurance and Quality Control
VOCs = Volatile Organic Compounds

ROCKENVIRO

May 16, 2025

QA/QC Data

SDG I.D.: GCS91392

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 776428 (ppbv), QC Sample No: CS90667 (CS91392, CS91393, CS91394, CS91404, CS91406, CS91407, CS91410, CS91411, CS91412)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	82	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	65	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	96	6.44	6.58	1.31	1.34	2.3	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	82	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	86	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	94	1.83	1.91	0.373	0.388	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	89	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	95	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	19.4	20.1	4.17	4.32	3.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	5.94	6.09	1.21	1.24	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	84	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	102	1.36	1.38	0.333	0.336	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	76	192 E	197	80.7 E	82.8	2.6	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	76	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	111	2.92	3.09	0.916	0.968	5.5	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	86	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	73	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	96	0.41	0.43	0.066	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	82	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	109	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	97	0.94	1.04	0.455	0.504	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	103	2.88	3.04	0.837	0.884	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	95	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
Dichlorodifluoromethane	ND	0.250	ND	1.24	108	1.97	1.90	0.398	0.384	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	78	110 E	113	58.5 E	60.0	2.5	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	143	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	99	6.16	6.38	1.42	1.47	3.5	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	72.9	76.2	17.8	18.6	4.4	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	60	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	111	5.88	6.16	1.67	1.75	4.7	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	73	56.5 E	58.5	23.0 E	23.8	3.4	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	92	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	101	19.6	20.5	4.51	4.73	4.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	108	1.49	1.62	0.506	0.549	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	75	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	75	0.78	0.72	0.149	0.137	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	86	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	99	7.12	7.12	1.64	1.64	0.0	70 - 130	25
Propylene	ND	0.250	ND	0.43	98	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	89	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	97	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	87	2.22	2.35	0.327	0.347	5.9	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	109	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	106	35.6	37.2	9.45	9.88	4.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	69	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	72	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	96	115	112	115	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	114	%	114	%	105	103	102	103	102	NC	60 - 140	25
% IS-Bromochloromethane	117	%	117	%	112	104	102	104	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	126	107	106	107	106	NC	60 - 140	25
QA/QC Batch 776464 (ppbv), QC Sample No: CS90762 (CS91400, CS91401, CS91402, CS91403)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	123	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	100	1.16	1.20	0.251	0.259	3.1	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	103	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	105	0.93	0.93	0.154	0.155	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	97	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	3.48	ND	0.746	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	98	1.41	1.47	0.344	0.358	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	70.3	71.5	29.6	30.1	1.7	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	0.85	0.86	0.267	0.268	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	107	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.00	0.99	0.150	0.148	1.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.41	0.41	0.066	0.066	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	8.88	8.93	1.82	1.83	0.5	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	103	0.97	0.97	0.469	0.469	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	106	0.16	0.16	0.019	0.019	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.25	2.33	0.456	0.471	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	98	95.5 E	99.4	50.7 E	52.8	4.1	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	124	1.84	1.92	0.512	0.534	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	101	1.28	1.26	0.295	0.290	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	122	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	100	1.70	1.70	0.483	0.484	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	100	24.1	24.5	9.8	9.98	1.8	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	4.82	4.82	1.11	1.11	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	3.36	3.36	1.14	1.14	0.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	93	479	489	138	141	2.2	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	125	0.59	0.44	0.112	0.085	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	1.83	1.86	0.421	0.429	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	93	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.50	0.51	0.117	0.119	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	0.82	0.82	0.121	0.121	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	135	137	35.9	36.3	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.21	0.21	0.039	0.040	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	101	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	102	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	99	104	104	104	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	97	96	94	96	94	NC	60 - 140	25
% IS-Bromochloromethane	98	%	98	%	98	98	96	98	96	NC	60 - 140	25

ROCKENVIRO

QA/QC Data

SDG I.D.: GCS91392

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
% IS-Chlorobenzene-d5	95	%	95	%	103	95	94	95	94	NC	60 - 140	25
QA/QC Batch 776431 (ppbv), QC Sample No: CS90763 (CS91395, CS91396, CS91397, CS91398, CS91399, CS91408, CS91409)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	1.45	1.62	0.296	0.330	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	122	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	105	2.35	2.40	0.581	0.594	2.2	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	0.44	0.48	0.096	0.105	9.0	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	125	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	120	2.90	3.30	0.482	0.549	13.0	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	102	2.38	2.62	0.511	0.562	9.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	113	1.24	1.33	0.252	0.271	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	103	33.0	34.4	13.9	14.5	4.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	1.48	1.54	0.464	0.481	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.59	1.71	0.238	0.256	7.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.48	0.52	0.077	0.082	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	101	13.6	14.4	2.79	2.95	5.6	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	101	1.41	1.38	0.684	0.670	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	1.29	1.31	0.375	0.381	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	104	0.23	0.25	0.027	0.029	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	106	2.34	2.30	0.474	0.466	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	96	284 E	305	151 E	162	7.0	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	126	3.21	3.58	0.891	0.994	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	108	1.65	1.87	0.380	0.430	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	105	2.45	2.60	0.597	0.636	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	132	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	105	2.68	2.79	0.761	0.791	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	102	74.2 E	76.6	30.2 E	31.2	3.3	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
m,p-Xylene	ND	0.500	ND	2.17	111	5.86	6.51	1.35	1.50	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.11	2.21	0.715	0.750	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	96	28.4	29.3	8.19	8.44	3.0	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	106	1.08	1.22	0.206	0.234	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	108	2.39	2.66	0.551	0.612	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	97	6.36	6.59	3.70	3.83	3.5	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	113	0.67	0.79	0.158	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	106	4.39	4.83	0.647	0.712	9.6	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	106	0.94	0.95	0.319	0.323	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	105	19.6	21.1	5.21	5.59	7.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	104	0.26	0.29	0.048	0.054	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	105	107	111	107	111	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	94	93	85	93	85	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	92	91	86	91	86	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	100	92	83	92	83	NC	60 - 140	25
QA/QC Batch 776606 (ppbv), QC Sample No: CS91405 (CS91405)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	84	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	64	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	95	5.65	5.55	1.15	1.13	1.8	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	81	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	2.17	2.16	0.441	0.440	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	101	1.84	1.89	0.395	0.406	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	98	7.57	7.47	1.54	1.52	1.3	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	85	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	74	12.4	12.4	5.21	5.22	0.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	117	2.65	2.64	0.830	0.826	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	85	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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	
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	79	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.41	0.42	0.066	0.067	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	95	1.02	1.11	0.492	0.536	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	108	3.92	ND	1.14	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	106	2.53	2.36	0.512	0.477	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	76	32.8	32.0	17.4	17.0	2.3	70 - 130	25	
Ethyl acetate	ND	0.280	ND	1.01	152	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	100	4.34	4.38	1.00	1.01	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	105	7.86	7.50	1.92	1.83	4.8	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	59	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	116	4.23	3.98	1.20	1.13	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	73	4.42	4.42	1.80	1.80	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	102	13.6	13.4	3.13	3.09	1.3	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	112	18.4	18.2	6.23	6.17	1.0	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	75	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	75	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	4.99	4.99	1.15	1.15	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	84	3.34	3.17	0.493	0.467	5.4	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	107	10.1	10.2	2.69	2.72	1.1	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	91	0.34	0.33	0.064	0.061	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Trichlorotrifluoroethane	ND	0.130	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	110	%	110	%	100	109	104	109	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	117	%	117	%	108	107	108	107	108	NC	60 - 140	25	
% IS-Bromochloromethane	116	%	116	%	109	105	106	105	106	NC	60 - 140	25	
% IS-Chlorobenzene-d5	114	%	114	%	126	119	121	119	121	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GCS91392

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

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
May 16, 2025

ATTACHMENT A

Laboratory Report for March 2025 Sampling Event

PHOENIX
Environmental Laboratories, Inc.

Friday, May 16, 2025

Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Project ID: **135 KENT**
SDG ID: **GCS91392**
Sample ID#s: **CS91392 - CS91412**

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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: Rock Enviro

Project: 135 KENT

Laboratory Project: GCS91392

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

May 16, 2025

SDG I.D.: GCS91392

Rock Enviro 135 KENT

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

May 16, 2025

SDG I.D.: GCS91392

Rock Enviro 135 KENT

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS91392	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91393	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91394	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91395	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91396	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91397	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91398	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91399	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91400	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91401	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91402	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91403	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91404	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91405	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91406	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91407	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91408	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91409	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91410	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91411	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91412	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y

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

SDG Comments

May 16, 2025

SDG I.D.: GCS91392

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 report with 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

May 16, 2025

SDG I.D.: GCS91392

Project ID: 135 KENT

Client Id	Lab Id	Matrix	Col Date
IA25-03	CS91392	AIR	03/24/25 17:08
IA25-10	CS91393	AIR	03/25/25 10:57
IA25-11	CS91394	AIR	03/25/25 11:11
IA25-09	CS91395	AIR	03/25/25 10:46
IA25-15	CS91396	AIR	03/25/25 10:49
IA25-07	CS91397	AIR	03/25/25 10:44
IA25-DUP	CS91398	AIR	03/25/25 11:47
IA25-04	CS91399	AIR	03/24/25 19:06
IA25-12	CS91400	AIR	03/25/25 11:51
IA25-16	CS91401	AIR	03/24/25 18:49
IA25-05	CS91402	AIR	03/24/25 18:45
IA25-13	CS91403	AIR	03/25/25 11:13
IA25-06	CS91404	AIR	03/25/25 10:43
IA25-01	CS91405	AIR	03/24/25 19:09
IA25-17	CS91406	AIR	03/24/25 18:51
IA25-08	CS91407	AIR	03/25/25 10:45
IA25-14B	CS91408	AIR	03/25/25 10:50
IA25-02	CS91409	AIR	03/25/25 9:07
OA25-02	CS91410	AIR	03/25/25 11:07
OA25-01	CS91411	AIR	03/24/25 19:05
IA25-14A	CS91412	AIR	03/25/25 10:58

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

NY # 11301

Analysis Report

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	17:08
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21362				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91392

Project ID: 135 KENT
Client ID: IA25-03

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.37	*0.204*	0.204	6.73	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.537	*0.204*	0.204	2.64	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.87	*0.204*	0.204	9.19	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.15	*0.421*	0.421	12.2	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.898	*0.313*	0.313	2.87	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070	*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.573	*0.485*	0.485	1.18	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.30	*0.291*	0.291	4.47	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	15.8	*0.531*	0.531	29.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.21	*0.230*	0.230	5.25	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.36	*0.284*	0.284	4.79	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.440	*0.215*	0.215	2.05	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.86	*0.407*	0.407	4.57	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.239	*0.204*	0.204	1.17	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.61	*0.230*	0.230	15.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.91	*0.339*	0.339	26.3	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.40	*0.230*	0.230	6.08	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.469	*0.037*	0.037	3.18	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.20	*0.266*	0.266	12.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	104	*%*	%	104	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:57
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28568				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91393

Project ID: 135 KENT
Client ID: IA25-10

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.697	*0.204*	0.204	3.42	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.292	*0.204*	0.204	1.43	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.205	*0.166*	0.166	1.23	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.760	*0.204*	0.204	3.73	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	32.0	*0.421*	0.421	76.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.612	*0.313*	0.313	1.95	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	1.04		*0.321*	0.321	3.24	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.665		*0.205*	0.205	3.24	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.648		*0.485*	0.485	1.34	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.505		*0.202*	0.202	2.50	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	324	E	*0.531*	0.531	610	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.65		*0.278*	0.278	5.94	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.733		*0.230*	0.230	3.18	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.02		*0.244*	0.244	4.18	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.712		*0.284*	0.284	2.51	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.318		*0.215*	0.215	1.48	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	14.0		*0.407*	0.407	34.4	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.91		*0.230*	0.230	8.29	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	13.3		*0.339*	0.339	39.2	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.641		*0.230*	0.230	2.78	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.597		*0.037*	0.037	4.05	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.489		*0.339*	0.339	1.44	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.70		*0.266*	0.266	13.9	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	121		*%*	%	121	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	84		*%*	%	84	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:11
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28552				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91394

Project ID: 135 KENT
Client ID: IA25-11

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.765	*0.204*	0.204	3.76	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.356	*0.204*	0.204	1.75	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.222	*0.166*	0.166	1.33	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.790	*0.204*	0.204	3.88	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	11.9	*0.421*	0.421	28.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.534	*0.313*	0.313	1.70	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Ver 2

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	0.567		*0.321*	0.321	1.76	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.072		*0.032*	0.032	0.45	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.530		*0.205*	0.205	2.59	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.685		*0.485*	0.485	1.41	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.566		*0.202*	0.202	2.80	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	158	E	*0.531*	0.531	298	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.25		*0.278*	0.278	4.50	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.562		*0.230*	0.230	2.44	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.882		*0.244*	0.244	3.61	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.675		*0.284*	0.284	2.38	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.288		*0.215*	0.215	1.34	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.01		*0.407*	0.407	12.3	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.63		*0.230*	0.230	7.07	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	11.1		*0.339*	0.339	32.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.587		*0.230*	0.230	2.55	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.541		*0.037*	0.037	3.67	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.456		*0.339*	0.339	1.34	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.26		*0.266*	0.266	8.51	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	118		*%*	%	118	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	87		*%*	%	87	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:46
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23871				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91395

Project ID: 135 KENT
Client ID: IA25-09

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.498	*0.204*	0.204	2.45	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.550	*0.204*	0.204	2.70	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	39.6	*0.421*	0.421	94.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.402	*0.313*	0.313	1.28	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.310		*0.205*	0.205	1.51	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.671		*0.485*	0.485	1.38	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.414		*0.291*	0.291	1.42	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.475		*0.202*	0.202	2.35	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	70.1	E	*0.531*	0.531	132	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.301		*0.278*	0.278	1.08	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.396		*0.230*	0.230	1.72	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.642		*0.244*	0.244	2.63	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.489		*0.284*	0.284	1.72	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.278		*0.215*	0.215	1.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	3.43		*0.407*	0.407	8.43	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.29		*0.230*	0.230	5.60	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.69		*0.339*	0.339	16.8	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.500		*0.230*	0.230	2.17	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.24		*0.037*	0.037	8.41	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.37		*0.266*	0.266	5.16	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.223		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28565				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91396

Project ID: 135 KENT
Client ID: IA25-15

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.810	*0.204*	0.204	3.98	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.298	*0.204*	0.204	1.46	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	0.481	*0.452*	0.452	1.06	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	3.31	*0.166*	0.166	19.9	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.835	*0.204*	0.204	4.10	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	16.9	*0.421*	0.421	40.1	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.647	*0.313*	0.313	2.07	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-15

Phoenix I.D.: CS91396

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.078		*0.032*	0.032	0.49	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.538		*0.205*	0.205	2.63	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.987		*0.485*	0.485	2.04	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.605		*0.291*	0.291	2.08	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	334	E	*0.531*	0.531	629	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.39		*0.278*	0.278	5.01	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.517		*0.230*	0.230	2.24	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.25		*0.244*	0.244	9.22	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.678		*0.284*	0.284	2.39	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.356		*0.215*	0.215	1.66	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.61		*0.407*	0.407	13.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.72		*0.230*	0.230	7.46	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.78		*0.339*	0.339	25.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.644		*0.230*	0.230	2.79	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.762		*0.037*	0.037	5.17	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.95		*0.266*	0.266	7.34	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	86		*%*	%	86	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	85		*%*	%	85	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	91		*%*	%	91	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-15

Phoenix I.D.: CS91396

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:44
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23350				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91397

Project ID: 135 KENT
Client ID: IA25-07

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.16	*0.204*	0.204	5.70	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.471	*0.204*	0.204	2.31	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.227	*0.166*	0.166	1.36	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.949	*0.204*	0.204	4.66	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	10.5	*0.421*	0.421	24.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.413	*0.313*	0.313	1.32	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.076		*0.032*	0.032	0.48	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.394		*0.205*	0.205	1.92	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.645		*0.485*	0.485	1.33	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.448		*0.291*	0.291	1.54	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	65.2	E	*0.531*	0.531	123	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.442		*0.278*	0.278	1.59	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.380		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.658		*0.244*	0.244	2.69	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.557		*0.284*	0.284	1.96	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.299		*0.215*	0.215	1.39	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.34		*0.407*	0.407	8.20	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.19		*0.230*	0.230	5.16	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.28		*0.339*	0.339	24.4	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.494		*0.230*	0.230	2.14	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	0.794		*0.235*	0.235	3.38	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.758		*0.037*	0.037	5.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.60		*0.266*	0.266	6.03	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.212		*0.178*	0.178	1.19	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	93		*%*	%	93	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:47
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28557				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91398

Project ID: 135 KENT
Client ID: IA25-DUP

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.516	*0.204*	0.204	2.54	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.489	*0.204*	0.204	2.40	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	8.55	*0.421*	0.421	20.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.327	*0.313*	0.313	1.04	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-DUP

Phoenix I.D.: CS91398

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.329		*0.205*	0.205	1.61	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.620		*0.485*	0.485	1.28	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.453		*0.202*	0.202	2.24	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	71.1	E	*0.531*	0.531	134	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.283		*0.278*	0.278	1.02	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.262		*0.230*	0.230	1.14	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.328		*0.244*	0.244	1.34	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.349		*0.284*	0.284	1.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.228		*0.215*	0.215	1.06	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.97		*0.407*	0.407	7.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.892		*0.230*	0.230	3.87	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.40		*0.339*	0.339	15.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.366		*0.230*	0.230	1.59	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.19		*0.037*	0.037	8.07	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.04		*0.266*	0.266	3.92	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.222		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	%	96	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-DUP

Phoenix I.D.: CS91398

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:06
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	225				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91399

Project ID: 135 KENT
Client ID: IA25-04

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.71	*0.204*	0.204	8.40	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.551	*0.204*	0.204	2.71	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	2.02	*0.204*	0.204	9.9	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	6.52	*0.421*	0.421	15.5	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.835	*0.313*	0.313	2.67	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.077	*0.032*	0.032	0.48	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.605	*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.20	*0.291*	0.291	4.13	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.9	*0.531*	0.531	33.7	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.25	*0.230*	0.230	5.42	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.23	*0.244*	0.244	9.13	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.554	*0.215*	0.215	2.58	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.20	*0.407*	0.407	5.40	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.92	*0.339*	0.339	17.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.54	*0.230*	0.230	6.68	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.746	*0.037*	0.037	5.06	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.40	*0.266*	0.266	12.8	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.214	*0.178*	0.178	1.20	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	90	*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	105	*%*	%	105	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19960				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91400

Project ID: 135 KENT
Client ID: IA25-12

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.315	*0.204*	0.204	1.55	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.389	*0.204*	0.204	1.91	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	9.88	*0.421*	0.421	23.5	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.473	*0.313*	0.313	1.51	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.063		*0.032*	0.032	0.40	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.434		*0.205*	0.205	2.12	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.639		*0.485*	0.485	1.32	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.486		*0.202*	0.202	2.40	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	86.0	E	*0.531*	0.531	162	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.05		*0.278*	0.278	3.78	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.361		*0.230*	0.230	1.57	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.666		*0.244*	0.244	2.73	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.591		*0.284*	0.284	2.08	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.313		*0.215*	0.215	1.46	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.14		*0.407*	0.407	7.71	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.12		*0.230*	0.230	4.86	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.08		*0.339*	0.339	20.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.408		*0.230*	0.230	1.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.674		*0.037*	0.037	4.57	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.56		*0.266*	0.266	5.88	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	0.042		*0.037*	0.037	0.23	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.211		*0.178*	0.178	1.18	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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

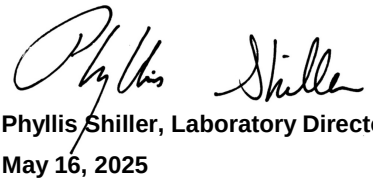
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	483				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91401

Project ID: 135 KENT
Client ID: IA25-16

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.803	*0.204*	0.204	3.95	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.304	*0.204*	0.204	1.49	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.866	*0.204*	0.204	4.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.98	*0.421*	0.421	14.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.518	*0.313*	0.313	1.65	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.610		*0.485*	0.485	1.26	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.688		*0.291*	0.291	2.37	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	40.4	E	*0.531*	0.531	76.1	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.610		*0.230*	0.230	2.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.27		*0.244*	0.244	5.20	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.768		*0.284*	0.284	2.71	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.334		*0.215*	0.215	1.56	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.43		*0.407*	0.407	5.97	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.89		*0.230*	0.230	8.20	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.08		*0.339*	0.339	15.0	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.705		*0.230*	0.230	3.06	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.906		*0.037*	0.037	6.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.88		*0.266*	0.266	7.08	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.192		*0.178*	0.178	1.08	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	97		*%*	%	97	*%*	%	03/26/25	KCA	1	

Ver 2

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19806				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91402

Project ID: 135 KENT
Client ID: IA25-05

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.518	*0.204*	0.204	2.54	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.589	*0.204*	0.204	2.89	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.13	*0.421*	0.421	12.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.543	*0.313*	0.313	1.73	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 2

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.032	0.42	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.654	*0.485*	0.485	1.35	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.571	*0.291*	0.291	1.96	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.500	*0.202*	0.202	2.47	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	37.9	*0.531*	0.531	71.4	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.483	*0.230*	0.230	2.10	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.877	*0.244*	0.244	3.59	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.668	*0.284*	0.284	2.35	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.357	*0.215*	0.215	1.66	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.62	*0.407*	0.407	3.98	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.51	*0.230*	0.230	6.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	4.98	*0.339*	0.339	14.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.559	*0.230*	0.230	2.43	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.621	*0.037*	0.037	4.21	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.59	*0.266*	0.266	5.99	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	0.178	1.10	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	93	*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92	*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	%	96	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:13
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28597				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91403

Project ID: 135 KENT
Client ID: IA25-13

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.541	*0.204*	0.204	2.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.228	*0.204*	0.204	1.12	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.243	*0.166*	0.166	1.46	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.457	*0.204*	0.204	2.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	7.88	*0.421*	0.421	18.7	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.337	*0.313*	0.313	1.08	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.649		*0.485*	0.485	1.34	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.318		*0.291*	0.291	1.09	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	88.6	E	*0.531*	0.531	167	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.471		*0.278*	0.278	1.70	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.277		*0.230*	0.230	1.20	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.504		*0.244*	0.244	2.06	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.436		*0.284*	0.284	1.54	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.241		*0.215*	0.215	1.12	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	5.51		*0.407*	0.407	13.5	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	0.884		*0.230*	0.230	3.84	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.18		*0.339*	0.339	15.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.358		*0.230*	0.230	1.55	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.408		*0.037*	0.037	2.77	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.22		*0.266*	0.266	4.59	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221		*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	91		*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:43
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23346				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91404

Project ID: 135 KENT
Client ID: IA25-06

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.06	*0.204*	0.204	5.21	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.453	*0.204*	0.204	2.23	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.88	*0.421*	0.421	16.3	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.450	*0.313*	0.313	1.44	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071		*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.321		*0.205*	0.205	1.57	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.587		*0.485*	0.485	1.21	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.463		*0.291*	0.291	1.59	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	43.0	E	*0.531*	0.531	81.0	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.375		*0.278*	0.278	1.35	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.381		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.733		*0.244*	0.244	3.00	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.553		*0.284*	0.284	1.95	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.246		*0.215*	0.215	1.15	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.25		*0.407*	0.407	5.53	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.17		*0.230*	0.230	5.08	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	9.61		*0.339*	0.339	28.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.471		*0.230*	0.230	2.04	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.588		*0.037*	0.037	3.99	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.50		*0.266*	0.266	5.65	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	111		*%*	%	111	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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

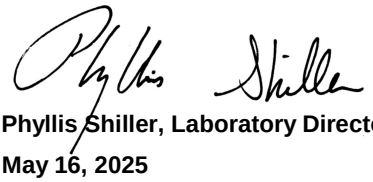
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:09
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18259				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91405

Project ID: 135 KENT
Client ID: IA25-01

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.441	*0.204*	0.204	2.17	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.54	*0.204*	0.204	7.57	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.21	*0.421*	0.421	12.4	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.830	*0.313*	0.313	2.65	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.492	*0.485*	0.485	1.02	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.14	*0.291*	0.291	3.92	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.4	*0.531*	0.531	32.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.01	*0.230*	0.230	4.38	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.92	*0.244*	0.244	7.86	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.20	*0.284*	0.284	4.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.395	*0.215*	0.215	1.84	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.80	*0.407*	0.407	4.42	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.13	*0.230*	0.230	13.6	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	6.23	*0.339*	0.339	18.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.15	*0.230*	0.230	4.99	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.493	*0.037*	0.037	3.34	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.69	*0.266*	0.266	10.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	0.064	*0.037*	0.037	0.34	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	%	107	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	105	*%*	%	105	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	%	119	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49247				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91406

Project ID: 135 KENT
Client ID: IA25-17

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.829	*0.204*	0.204	4.07	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.328	*0.204*	0.204	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.07	*0.204*	0.204	5.26	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.55	*0.421*	0.421	13.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.630	*0.313*	0.313	2.01	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-17

Phoenix I.D.: CS91406

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.550	*0.485*	0.485	1.14	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.458	*0.202*	0.202	2.26	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	31.7	*0.531*	0.531	59.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.749	*0.230*	0.230	3.25	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.45	*0.244*	0.244	5.94	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.956	*0.284*	0.284	3.37	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.295	*0.215*	0.215	1.37	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.14	*0.407*	0.407	5.26	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	2.20	*0.230*	0.230	9.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.84	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.809	*0.230*	0.230	3.51	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.808	*0.037*	0.037	5.48	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	2.05	*0.266*	0.266	7.72	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	109	*%*	%	109	*%*	%	03/26/25	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:

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

Phyllis Shiller, Laboratory Director
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49245				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91407

Project ID: 135 KENT
Client ID: IA25-08

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.911	*0.204*	0.204	4.48	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.428	*0.204*	0.204	2.10	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.220	*0.166*	0.166	1.32	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.752	*0.204*	0.204	3.69	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	9.13	*0.421*	0.421	21.7	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.416	*0.313*	0.313	1.33	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.067		*0.032*	0.032	0.42	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.364		*0.205*	0.205	1.78	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.608		*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.496		*0.202*	0.202	2.45	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	106	E	*0.531*	0.531	200	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.488		*0.278*	0.278	1.76	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.267		*0.230*	0.230	1.16	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.490		*0.244*	0.244	2.01	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.455		*0.284*	0.284	1.60	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	8.07		*0.407*	0.407	19.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.760		*0.230*	0.230	3.30	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.45		*0.339*	0.339	24.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.337		*0.230*	0.230	1.46	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.486		*0.037*	0.037	3.29	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.397		*0.339*	0.339	1.17	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.10		*0.266*	0.266	4.14	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97		*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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

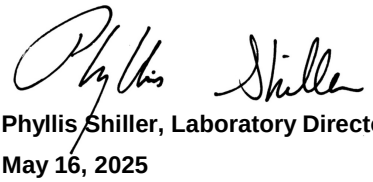
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:50
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28617				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91408

Project ID: 135 KENT
Client ID: IA25-14B

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.744	*0.204*	0.204	3.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.286	*0.204*	0.204	1.41	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.268	*0.166*	0.166	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.252	*0.204*	0.204	1.24	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	16.8	*0.421*	0.421	39.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.370	*0.313*	0.313	1.18	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 2

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.580		*0.205*	0.205	2.83	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.725		*0.485*	0.485	1.50	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	444	E	*0.531*	0.531	836	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.757		*0.278*	0.278	2.73	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.385		*0.230*	0.230	1.67	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.636		*0.244*	0.244	2.60	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.461		*0.284*	0.284	1.62	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.285		*0.215*	0.215	1.33	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	32.0		*0.407*	0.407	78.6	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.26		*0.230*	0.230	5.47	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.71		*0.339*	0.339	22.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.495		*0.230*	0.230	2.15	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.591		*0.037*	0.037	4.01	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.427		*0.339*	0.339	1.26	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	88		*%*	%	88	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	9:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19962				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91409

Project ID: 135 KENT
Client ID: IA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.81	*0.204*	0.204	8.89	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.580	*0.204*	0.204	2.85	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	2.05	*0.204*	0.204	10.1	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.57	*0.421*	0.421	15.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.825	*0.313*	0.313	2.63	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.633	*0.485*	0.485	1.31	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.21	*0.291*	0.291	4.16	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.466	*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	19.4	*0.531*	0.531	36.5	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.24	*0.230*	0.230	5.38	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.559	*0.215*	0.215	2.60	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.37	*0.407*	0.407	5.82	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.86	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.58	*0.230*	0.230	6.86	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.649	*0.037*	0.037	4.40	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.39	*0.266*	0.266	12.8	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	91	*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	%	102	*%*	%	03/26/25	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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23330				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91410

Project ID: 135 KENT
Client ID: OA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.698	*0.204*	0.204	3.43	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.254	*0.204*	0.204	1.25	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.824	*0.204*	0.204	4.05	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.50	*0.421*	0.421	13.1	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.594	*0.313*	0.313	1.90	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-02

Phoenix I.D.: CS91410

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071	*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.391	*0.205*	0.205	1.91	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.572	*0.485*	0.485	1.18	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.421	*0.202*	0.202	2.08	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	22.7	*0.531*	0.531	42.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.540	*0.230*	0.230	2.34	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.928	*0.244*	0.244	3.80	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.780	*0.284*	0.284	2.75	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.325	*0.215*	0.215	1.51	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.65	*0.407*	0.407	4.05	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.74	*0.230*	0.230	7.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.94	*0.339*	0.339	20.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.639	*0.230*	0.230	2.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.715	*0.037*	0.037	4.85	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.70	*0.266*	0.266	6.40	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	110	*%*	%	110	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	108	*%*	%	108	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-02

Phoenix I.D.: CS91410

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:05
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	465				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91411

Project ID: 135 KENT
Client ID: OA25-01

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.459	*0.204*	0.204	2.26	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.59	*0.204*	0.204	7.81	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.32	*0.421*	0.421	12.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.963	*0.313*	0.313	3.07	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-01

Phoenix I.D.: CS91411

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.069	*0.032*	0.032	0.43	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.593	*0.485*	0.485	1.22	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.12	*0.291*	0.291	3.85	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	18.4	*0.531*	0.531	34.6	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.10	*0.230*	0.230	4.77	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.00	*0.244*	0.244	8.19	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.34	*0.284*	0.284	4.72	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.452	*0.215*	0.215	2.11	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.70	*0.407*	0.407	4.18	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.36	*0.230*	0.230	14.6	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.53	*0.339*	0.339	19.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.23	*0.230*	0.230	5.34	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.698	*0.037*	0.037	4.73	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.00	*0.266*	0.266	11.3	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	108	*%*	%	108	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99	*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-01

Phoenix I.D.: CS91411

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

May 16, 2025

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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:58
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13639				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91412

Project ID: 135 KENT
Client ID: IA25-14A

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.656	*0.204*	0.204	3.22	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.278	*0.204*	0.204	1.37	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.181	*0.166*	0.166	1.09	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.679	*0.204*	0.204	3.34	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	12.9	*0.421*	0.421	30.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.430	*0.313*	0.313	1.37	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.791		*0.205*	0.205	3.86	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.657		*0.485*	0.485	1.36	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.465		*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	645	E	*0.531*	0.531	1210	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.12		*0.278*	0.278	4.03	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.376		*0.230*	0.230	1.63	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.749		*0.244*	0.244	3.07	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.515		*0.284*	0.284	1.81	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.220		*0.215*	0.215	1.03	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	22.5		*0.407*	0.407	55.3	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.16		*0.230*	0.230	5.03	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.44		*0.339*	0.339	24.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.459		*0.230*	0.230	1.99	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.434		*0.037*	0.037	2.94	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.584		*0.339*	0.339	1.72	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	98		*%*	%	98	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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
May 16, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

Canister Sampling Information

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

SDG I.D.: GCS91392

Project ID: 135 KENT

						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
IA25-03	CS91392	21362	6.0L	19831	03/21/25	-30	-6	3.11	11.8	116.6	-30	-6	03/24/25 11:46	03/25/25 17:08
IA25-10	CS91393	28568	6.0L	39836	03/21/25	-30	-9	3	2.99	0.3	-30	-8	03/24/25 11:12	03/25/25 10:57
IA25-11	CS91394	28552	6.0L	10753	03/21/25	-30	-7	3.12	3.11	0.3	-30	-8	03/24/25 11:06	03/25/25 11:11
IA25-09	CS91395	23871	6.0L	19842	03/21/25	-30	-7	3.16	3.18	0.6	-30	-6	03/24/25 10:51	03/25/25 10:46
IA25-15	CS91396	28565	6.0L	4982	03/21/25	-30	-7	3.02	3.03	0.3	-30	-7	03/24/25 11:04	03/25/25 10:49
IA25-07	CS91397	23350	6.0L	10741	03/21/25	-30	-6	3.17	3.22	1.6	-30	-6	03/24/25 10:54	03/25/25 10:44
IA25-DUP	CS91398	28557	6.0L	5652	03/21/25	-30	-10	3.03	3.07	1.3	-30	-11	03/24/25 11:51	03/25/25 11:47
IA25-04	CS91399	225	6.0L	10590	03/21/25	-30	-6	3.01	10.9	113.4	-30	-8	03/24/25 11:45	03/25/25 19:06
IA25-12	CS91400	19960	6.0L	10761	03/21/25	-30	-6	3.11	3.15	1.3	-30	-5	03/24/25 11:03	03/25/25 11:51
IA25-16	CS91401	483	6.0L	10739	03/21/25	-30	-4	3.1	11.9	117.3	-30	-5	03/24/25 10:47	03/25/25 18:49
IA25-05	CS91402	19806	6.0L	10647	03/21/25	-30	-5	3.08	11.5	115.5	-30	-5	03/24/25 10:45	03/25/25 18:45
IA25-13	CS91403	28597	6.0L	3963	03/21/25	-30	-5	3.26	3.5	7.1	-30	-5	03/24/25 10:02	03/25/25 11:13
IA25-06	CS91404	23346	6.0L	10705	03/21/25	-30	-6	3.13	3.03	3.2	-30	-6	03/24/25 10:56	03/25/25 10:43
IA25-01	CS91405	18259	6.0L	10656	03/21/25	-30	-8	3	10.4	110.4	-30	-8	03/24/25 11:52	03/25/25 09:09

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

Project ID: 135 KENT

SDG I.D.: GCS91392

						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
IA25-17	CS91406	49247	6.0L	10699	03/21/25	-30	-4	3.3	12.1	114.3	-30	-5	03/24/25 10:48	03/25/25 18:51
IA25-08	CS91407	49245	6.0L	2988	03/21/25	-30	-5	3.1	3.11	0.3	-29	-5	03/24/25 10:52	03/25/25 10:45
IA25-14B	CS91408	28617	6.0L	5595	03/21/25	-30	-7	3.15	3.15	0.0	-30	-7	03/24/25 11:09	03/25/25 10:50
IA25-02	CS91409	19962	6.0L	19829	03/21/25	-30	-6	3.05	11.6	116.7	-30	-8	03/24/25 11:49	03/25/25 09:07
OA25-02	CS91410	23330	6.0L	7024	03/21/25	-30	-5	3.2	3.1	3.2	-30	-6	03/24/25 11:37	03/25/25 11:07
OA25-01	CS91411	465	6.0L	4494	03/21/25	-30	-5	3.17	10.8	109.2	-30	-7	03/24/25 11:35	03/25/25 19:05
IA25-14A	CS91412	13639	6.0L	10557	03/21/25	-30	-7	3.12	3.31	5.9	-30	-7	03/24/25 11:10	03/25/25 10:58

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 16, 2025

QA/QC Data

SDG I.D.: GCS91392

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 776428 (ppbv), QC Sample No: CS90667 (CS91392, CS91393, CS91394, CS91404, CS91406, CS91407, CS91410, CS91411, CS91412)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	82	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	65	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	96	6.44	6.58	1.31	1.34	2.3	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	82	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	86	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	94	1.83	1.91	0.373	0.388	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	89	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	95	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	19.4	20.1	4.17	4.32	3.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	5.94	6.09	1.21	1.24	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	84	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	102	1.36	1.38	0.333	0.336	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	76	192 E	197	80.7 E	82.8	2.6	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	76	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	111	2.92	3.09	0.916	0.968	5.5	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	86	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	73	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	96	0.41	0.43	0.066	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	82	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	109	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	97	0.94	1.04	0.455	0.504	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	103	2.88	3.04	0.837	0.884	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	95	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
Dichlorodifluoromethane	ND	0.250	ND	1.24	108	1.97	1.90	0.398	0.384	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	78	110 E	113	58.5 E	60.0	2.5	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	143	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	99	6.16	6.38	1.42	1.47	3.5	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	72.9	76.2	17.8	18.6	4.4	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	60	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	111	5.88	6.16	1.67	1.75	4.7	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	73	56.5 E	58.5	23.0 E	23.8	3.4	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	92	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	101	19.6	20.5	4.51	4.73	4.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	108	1.49	1.62	0.506	0.549	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	75	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	75	0.78	0.72	0.149	0.137	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	86	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	99	7.12	7.12	1.64	1.64	0.0	70 - 130	25
Propylene	ND	0.250	ND	0.43	98	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	89	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	97	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	87	2.22	2.35	0.327	0.347	5.9	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	109	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	106	35.6	37.2	9.45	9.88	4.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	69	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	72	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	96	115	112	115	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	114	%	114	%	105	103	102	103	102	NC	60 - 140	25
% IS-Bromochloromethane	117	%	117	%	112	104	102	104	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	126	107	106	107	106	NC	60 - 140	25
QA/QC Batch 776464 (ppbv), QC Sample No: CS90762 (CS91400, CS91401, CS91402, CS91403)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	123	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	100	1.16	1.20	0.251	0.259	3.1	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	103	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	105	0.93	0.93	0.154	0.155	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	97	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	3.48	ND	0.746	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	98	1.41	1.47	0.344	0.358	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	70.3	71.5	29.6	30.1	1.7	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	0.85	0.86	0.267	0.268	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	107	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.00	0.99	0.150	0.148	1.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.41	0.41	0.066	0.066	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	8.88	8.93	1.82	1.83	0.5	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	103	0.97	0.97	0.469	0.469	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	106	0.16	0.16	0.019	0.019	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.25	2.33	0.456	0.471	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	98	95.5 E	99.4	50.7 E	52.8	4.1	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	124	1.84	1.92	0.512	0.534	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	101	1.28	1.26	0.295	0.290	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	122	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	100	1.70	1.70	0.483	0.484	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	100	24.1	24.5	9.8	9.98	1.8	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	4.82	4.82	1.11	1.11	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	3.36	3.36	1.14	1.14	0.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	93	479	489	138	141	2.2	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	125	0.59	0.44	0.112	0.085	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	1.83	1.86	0.421	0.429	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	93	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.50	0.51	0.117	0.119	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	0.82	0.82	0.121	0.121	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	135	137	35.9	36.3	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.21	0.21	0.039	0.040	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	101	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	102	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	99	104	104	104	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	97	96	94	96	94	NC	60 - 140	25
% IS-Bromochloromethane	98	%	98	%	98	98	96	98	96	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS91392

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
% IS-Chlorobenzene-d5	95	%	95	%	103	95	94	95	94	NC	60 - 140	25
QA/QC Batch 776431 (ppbv), QC Sample No: CS90763 (CS91395, CS91396, CS91397, CS91398, CS91399, CS91408, CS91409)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	1.45	1.62	0.296	0.330	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	122	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	105	2.35	2.40	0.581	0.594	2.2	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	0.44	0.48	0.096	0.105	9.0	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	125	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	120	2.90	3.30	0.482	0.549	13.0	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	102	2.38	2.62	0.511	0.562	9.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	113	1.24	1.33	0.252	0.271	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	103	33.0	34.4	13.9	14.5	4.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	1.48	1.54	0.464	0.481	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.59	1.71	0.238	0.256	7.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.48	0.52	0.077	0.082	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	101	13.6	14.4	2.79	2.95	5.6	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	101	1.41	1.38	0.684	0.670	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	1.29	1.31	0.375	0.381	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	104	0.23	0.25	0.027	0.029	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	106	2.34	2.30	0.474	0.466	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	96	284 E	305	151 E	162	7.0	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	126	3.21	3.58	0.891	0.994	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	108	1.65	1.87	0.380	0.430	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	105	2.45	2.60	0.597	0.636	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	132	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	105	2.68	2.79	0.761	0.791	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	102	74.2 E	76.6	30.2 E	31.2	3.3	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
m,p-Xylene	ND	0.500	ND	2.17	111	5.86	6.51	1.35	1.50	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.11	2.21	0.715	0.750	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	96	28.4	29.3	8.19	8.44	3.0	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	106	1.08	1.22	0.206	0.234	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	108	2.39	2.66	0.551	0.612	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	97	6.36	6.59	3.70	3.83	3.5	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	113	0.67	0.79	0.158	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	106	4.39	4.83	0.647	0.712	9.6	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	106	0.94	0.95	0.319	0.323	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	105	19.6	21.1	5.21	5.59	7.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	104	0.26	0.29	0.048	0.054	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	105	107	111	107	111	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	94	93	85	93	85	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	92	91	86	91	86	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	100	92	83	92	83	NC	60 - 140	25
QA/QC Batch 776606 (ppbv), QC Sample No: CS91405 (CS91405)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	84	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	64	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	95	5.65	5.55	1.15	1.13	1.8	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	81	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	2.17	2.16	0.441	0.440	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	101	1.84	1.89	0.395	0.406	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	98	7.57	7.47	1.54	1.52	1.3	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	85	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	74	12.4	12.4	5.21	5.22	0.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	117	2.65	2.64	0.830	0.826	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	85	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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	
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	79	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.41	0.42	0.066	0.067	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	95	1.02	1.11	0.492	0.536	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	108	3.92	ND	1.14	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	106	2.53	2.36	0.512	0.477	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	76	32.8	32.0	17.4	17.0	2.3	70 - 130	25	
Ethyl acetate	ND	0.280	ND	1.01	152	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	100	4.34	4.38	1.00	1.01	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	105	7.86	7.50	1.92	1.83	4.8	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	59	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	116	4.23	3.98	1.20	1.13	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	73	4.42	4.42	1.80	1.80	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	102	13.6	13.4	3.13	3.09	1.3	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	112	18.4	18.2	6.23	6.17	1.0	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	75	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	75	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	4.99	4.99	1.15	1.15	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	84	3.34	3.17	0.493	0.467	5.4	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	107	10.1	10.2	2.69	2.72	1.1	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	91	0.34	0.33	0.064	0.061	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Trichlorotrifluoroethane	ND	0.130	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	110	%	110	%	100	109	104	109	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	117	%	117	%	108	107	108	107	108	NC	60 - 140	25	
% IS-Bromochloromethane	116	%	116	%	109	105	106	105	106	NC	60 - 140	25	
% IS-Chlorobenzene-d5	114	%	114	%	126	119	121	119	121	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GCS91392

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

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
May 16, 2025

Friday, May 16, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91392	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91392	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.469	0.037	0.443	0.443	ppbv
CS91393	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91393	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.597	0.037	0.443	0.443	ppbv
CS91394	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.072	0.032	0.032	0.032	ppbv
CS91394	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.541	0.037	0.443	0.443	ppbv
CS91395	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.24	0.037	0.443	0.443	ppbv
CS91395	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91396	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.762	0.037	0.443	0.443	ppbv
CS91396	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91397	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.758	0.037	0.443	0.443	ppbv
CS91397	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS91398	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.19	0.037	0.443	0.443	ppbv
CS91398	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91399	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.746	0.037	0.443	0.443	ppbv
CS91399	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS91400	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.674	0.037	0.443	0.443	ppbv
CS91400	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.063	0.032	0.032	0.032	ppbv
CS91400	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.042	0.037	0.037	0.037	ppbv
CS91401	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91401	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.906	0.037	0.443	0.443	ppbv
CS91402	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91402	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.621	0.037	0.443	0.443	ppbv
CS91403	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.588	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91405	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.493	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.064	0.037	0.037	0.037	ppbv
CS91406	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91406	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.808	0.037	0.443	0.443	ppbv

Friday, May 16, 2025

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91407	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.486	0.037	0.443	0.443	ppbv
CS91407	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91408	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91408	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.591	0.037	0.443	0.443	ppbv
CS91409	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91409	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.649	0.037	0.443	0.443	ppbv
CS91410	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.715	0.037	0.443	0.443	ppbv
CS91410	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91411	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.698	0.037	0.443	0.443	ppbv
CS91411	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.069	0.032	0.032	0.032	ppbv
CS91412	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	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.

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

ROCKENVIRO

860-645-1102

email: greg@phoenixlabs.com

P.O. # Page 1 of 3

Data Delivery:
- [ ] Fax #:
- [ ] Email: rob@rockenviro.com
- [x] Phone #: 718-858-6655

Report to: Rob Bennett

Customer: Rock Enviro (RE)

Address: 170 Lee Avenue

17204 Brooklyn NY 11211

Project Name: 135 Kent

Invoice to: RE

Sampled by: RB + RQ

Data Format: (Circle) Equis Excel Other:

Requested Deliverable: RCP ASP CAT B MCP NJ Deliverables

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 (MATRIX)	Soil Gas (MATRIX)	Grab (G) Composite (C)	TO-15 (ANALYSES)	APH (ANALYSES)
	THIS SECTION FOR LAB USE ONLY																
91392	IA 25-03	21362	6.0L	-30	-6	~~19831~~ 5352	3.11	1146	1708	3/24/25	-30	-6	X		G	X	
91393	IA25-10	28568	6.0L	-30	-9	39836	3	1112	1057	3/24/25	-30	-8	X		G	X	
91394	IA 25-11	28552	6.0L	-30	-7	10753	3.12	1106	1111	3/24/25	-30	-8	X		G	X	
91395	IA 25-09	23871	6.0L	-30	-7	19842	3.16	1051	1046	3/24/25	-30	-6	X		G	X	
91396	IA 25-15	28565	6.0L	-30	-7	4982	3.02	1104	1049	3/24/25	-30	-7	X		G	X	
91397	~~IA-07~~ IA25 07	23350	6.0L	-30	-6	10741	3.17	1054	1044	3/24/25	-30	-6	X		G	X	
91398	IA25-DUP	28557	6.0L	-30	-10	5652	3.03	1051	1147	3/24/25	-30	-11	X		G	X	
91399	IA 25-04	225	6.0L	-30	-6	~~10590~~ 5043	3.01	1145	1906	3/24/25	-30	-8	X		G	X	
91400	IA 25-12	19960	6.0L	-30	-6	10761	3.11	1103	1151	3/24/25	-30	-5	X		G	X	
	Did Not Use	~~49211~~	6.0L	-30		10758	3.08										

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/21/25

State Where Samples Collected: NY 3/26/25 16:30

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr Need LCS included in lab report

Flow controller ID #s changed because we swapped 24-hr for 8-hr controllers on

*Rec at PCL unused

Turnaround Time:
- [ ] 1 Day*
- [ ] 2 Day*
- [ ] 3 Day*
- [ ] 4 Day*
- [ ] 5 Day*
- [x] Standard

*SURCHARGES MAY APPLY.

Requested Criteria: (Please Circle)

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

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

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: rob@rockenviro.com
☒ Phone #: (718) 858-6655

ROCKENVIRO

Report to: Rob Bennett
Customer: Rock Enviro (RE)
Address: 170 Lee Avenue
17204 Brooklyn NY 11211

Project Name: 135 Kent
Invoice to: RE
Sampled by: RB + RQ

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
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	
91401	IA25-16	483	6.0L	-30	-4	~~7004~~ ~~10739~~	3.1	1047	1249	3/24/25	-30	-5	X		G	X	
91402	IA25-05	19806	6.0L	-30	-5	~~5600~~ ~~10647~~	3.08	1045	1245	3/24/25	-30	-5	X		G	X	
91403	IA25-13	28597	6.0L	-30	-5	3963	3.26	1102	1113	3/24/25	-30	-5	X		G	X	
91404	~~IA25-06~~ IA25-06	23346	6.0L	-30	-6	10705	3.13	1056	1043	3/24/25	-30	-6	X		G	X	
91405	IA25-01	18259	6.0L	-30	-8	~~10770~~ ~~10656~~	3	1152	1909	3/24/25	-30	-8	X		G	X	
91406	IA25-17	49247	6.0L	-30	-4	~~3408~~ ~~10695~~	3.3	1048	1251	3/24/25	-30	-5	X		G	X	
91407	IA25-08	49245	6.0L	-30	-5	2988	3.1	1052	1045	3/24/25	-29	-5	X		G	X	
91408	IA25-14B	28617	6.0L	-30	-7	5595	3.15	1109	1050	3/24/25	-30	-7	X		G	X	
91409	~~IA25-02~~ IA25-02	19962	6.0L	-30	-6	~~3998~~ ~~19829~~	3.05	1149	1907	3/24/25	-30	-8	X		G	X	
91410	OA25-02	23330	6.0L	-30	-5	7024	3.2	1137	1107	3/24/25	-30	-6	X		G	X	

Relinquished by:	Accepted by:	Date:	Time:
		3.26.2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr see comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

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

P.O. #

Data Delivery:
☐ Fax #:
☑ Email: rob@rockenviro.com
☑ Phone #: (718) 858-6655

ROCKENVIRO

Report to:	Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:
Customer:	Rock Enviro	Invoice to: RE	Requested Deliverable: RCP ASP CAT B
Address:	170 Lee Avenue		MCP NJ Deliverables
17204	Brooklyn NY 11211	Sampled by: RB+RQ	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	
91411	OA 25-01	465	6.0L	-30	-5	4979 ~~4494~~	3.17	1135	1905	3/24/25	-30	-7	X		G	X	
91412	IA 25-14A	13639	6.0L	-30	-7	10557	3.12	1110	1058	3/24/25	-30	-7	X		G	X	

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25 16:30

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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

ATTACHMENT B
NY Analytical Services Protocol
Data Package

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

Rock Enviro

135 KENT

GCS91392

Ver 1

Data Package Table of Contents

GCS91392 Analytical Report 5
- Cover Letter 5
- Project Summary 6
- SDG Comments 9
- Sample Id Cross Reference 10
- Analytical Report 11
- Canister Sampling Information 74
- QA/QC Report 76
- Sample Criteria Exceedances Report 83
- COC-GCS91392 85

GCS91392 Air V1 88
- Organic Flags 89
- Non-Conformance Summary 90
- Monitoring Compound Recovery (Form 2) 94
  - CS90667 - Batch 776428 94
  - CS90762 - Batch 776464 95
  - CS90763 - Batch 776431 96
  - CS91405 - Batch 776606 97
- Spike Recovery (Form 3) 98
  - CS90667 LCS 98
  - CS90762 LCS 100
  - CS90763 LCS 102
  - CS91405 LCS 104
- Method Blank Summary (Form 4) 106
  - CS90667 BLK - Batch 776428 03/26/25 17:10 106
  - CS90762 BLK - Batch 776464 03/26/25 16:36 107
  - CS90763 BLK - Batch 776431 03/26/25 15:35 108
  - CS91405 BLK - Batch 776606 03/27/25 14:34 109
- Tune Summary (Form 5) 110
  - CHEM20 - 0318_02.D 110
  - CHEM20 - 0326_05.D 112
  - CHEM20 - 0327_01.D 114
  - CHEM24 - 0319_01.D 116
  - CHEM24 - 0326_02.D 118
  - CHEM39 - 0325_11.D 120

CHEM39 - 0326_02.D 122
Internal Standard (Form 8) 124
CHEM20 - 03/18/25 15:11 124
CHEM20 - 03/26/25 14:58 126
CHEM20 - 03/27/25 12:15 128
CHEM24 - 03/19/25 17:18 130
CHEM24 - 03/26/25 13:47 132
CHEM39 - 03/25/25 23:10 134
CHEM39 - 03/26/25 13:47 136
Analysis Data Sheet (Form 1) 138
CS91392 / IA25-03 138
CS91393 / IA25-10 155
CS91394 / IA25-11 174
CS91395 / IA25-09 194
CS91396 / IA25-15 212
CS91397 / IA25-07 232
CS91398 / IA25-DUP 252
CS91399 / IA25-04 270
CS91400 / IA25-12 288
CS91401 / IA25-16 307
CS91402 / IA25-05 325
CS91403 / IA25-13 342
CS91404 / IA25-06 362
CS91405 / IA25-01 380
CS91406 / IA25-17 397
CS91407 / IA25-08 413
CS91408 / IA25-14B 431
CS91409 / IA25-02 451
CS91410 / OA25-02 469
CS91411 / OA25-01 486
CS91412 / IA25-14A 502
Initial Calibration Summary (Form 6) 521
CHEM20 521
CHEM24 524
CHEM39 527
CHEM20 - 03/18/25 530
CHEM24 - 03/19/25 593
CHEM39 - 03/25/25 656

Continuing Calibration Summary (Form 7) 719
CHEM20 - 03/26/25 14:58 719
CHEM20 - 03/27/25 12:15 729
CHEM24 - 03/26/25 13:47 739
CHEM24 - 03/27/25 12:38 749
CHEM39 - 03/26/25 13:47 759
Analysis Data Sheet QC (Form 1) 769
CS90667 LCS 769
CS90667 QC 0.5X 775
CS90667 BLANK 795
CS90667 DUP 799
CS90762 LCS 817
CS90762 QC 0.5X 823
CS90762 BLANK 851
CS90762 DUP 855
CS90763 LCS 881
CS90763 QC 0.5X 887
CS90763 BLANK 916
CS90763 DUP 920
CS91405 LCS 947
CS91405 BLANK 953
CS91405 DUP 957
Canister Cleaning Batch# 3801 974
Canister Cleaning Batch# 3831 980
Canister Cleaning Batch# 3832 985
Canister Cleaning Batch# 3834 990
Canister Cleaning Batch# 3835 995
Injection Log 1000
Injection Log - CHEM20 03/18/02 1000
Injection Log - CHEM20 03/19/02 1001
Injection Log - CHEM20 03/26/02 1002
Injection Log - CHEM24 03/05/02 1004
Injection Log - CHEM24 03/17/02 1005
Injection Log - CHEM24 03/19/02 1007
Injection Log - CHEM24 03/26/02 1008
Injection Log - CHEM39 03/25/02 1010
Injection Log - CHEM39 03/26/02 1011

Friday, May 16, 2025

Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Project ID: **135 KENT**
SDG ID: **GCS91392**
Sample ID#s: **CS91392 - CS91412**

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: Rock Enviro

Project: 135 KENT

Laboratory Project: GCS91392

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

NY # 11301

NY Analytical Services Protocol Format

May 16, 2025

SDG I.D.: GCS91392

Rock Enviro 135 KENT

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

NY # 11301

NY Analytical Services Protocol Format

May 16, 2025

SDG I.D.: GCS91392

Rock Enviro 135 KENT

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS91392	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91393	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91394	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91395	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91396	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91397	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91398	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91399	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91400	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91401	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91402	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91403	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91404	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91405	Volatiles (TO15)	03/24/25	03/27/25	03/27/25	KCA	Y
CS91406	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91407	Volatiles (TO15)	03/25/25	03/27/25	03/27/25	KCA	Y
CS91408	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91409	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91410	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	Y
CS91411	Volatiles (TO15)	03/24/25	03/26/25	03/26/25	KCA	Y
CS91412	Volatiles (TO15)	03/25/25	03/26/25	03/26/25	KCA	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

May 16, 2025

SDG I.D.: GCS91392

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 report with 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

May 16, 2025

SDG I.D.: GCS91392

Project ID: 135 KENT

Client Id	Lab Id	Matrix	Col Date
IA25-03	CS91392	AIR	03/24/25 17:08
IA25-10	CS91393	AIR	03/25/25 10:57
IA25-11	CS91394	AIR	03/25/25 11:11
IA25-09	CS91395	AIR	03/25/25 10:46
IA25-15	CS91396	AIR	03/25/25 10:49
IA25-07	CS91397	AIR	03/25/25 10:44
IA25-DUP	CS91398	AIR	03/25/25 11:47
IA25-04	CS91399	AIR	03/24/25 19:06
IA25-12	CS91400	AIR	03/25/25 11:51
IA25-16	CS91401	AIR	03/24/25 18:49
IA25-05	CS91402	AIR	03/24/25 18:45
IA25-13	CS91403	AIR	03/25/25 11:13
IA25-06	CS91404	AIR	03/25/25 10:43
IA25-01	CS91405	AIR	03/24/25 19:09
IA25-17	CS91406	AIR	03/24/25 18:51
IA25-08	CS91407	AIR	03/25/25 10:45
IA25-14B	CS91408	AIR	03/25/25 10:50
IA25-02	CS91409	AIR	03/25/25 9:07
OA25-02	CS91410	AIR	03/25/25 11:07
OA25-01	CS91411	AIR	03/24/25 19:05
IA25-14A	CS91412	AIR	03/25/25 10:58

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

NY # 11301

Analysis Report

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	17:08
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21362				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91392

Project ID: 135 KENT
Client ID: IA25-03

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.37	*0.204*	0.204	6.73	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.537	*0.204*	0.204	2.64	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.87	*0.204*	0.204	9.19	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.15	*0.421*	0.421	12.2	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.898	*0.313*	0.313	2.87	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070	*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.573	*0.485*	0.485	1.18	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.30	*0.291*	0.291	4.47	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	15.8	*0.531*	0.531	29.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.21	*0.230*	0.230	5.25	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.36	*0.284*	0.284	4.79	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.440	*0.215*	0.215	2.05	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.86	*0.407*	0.407	4.57	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.239	*0.204*	0.204	1.17	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.61	*0.230*	0.230	15.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.91	*0.339*	0.339	26.3	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.40	*0.230*	0.230	6.08	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.469	*0.037*	0.037	3.18	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.20	*0.266*	0.266	12.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	104	*%*	%	104	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:57
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28568				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91393

Project ID: 135 KENT
Client ID: IA25-10

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.697	*0.204*	0.204	3.42	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.292	*0.204*	0.204	1.43	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.205	*0.166*	0.166	1.23	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.760	*0.204*	0.204	3.73	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	32.0	*0.421*	0.421	76.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.612	*0.313*	0.313	1.95	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	1.04		*0.321*	0.321	3.24	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.665		*0.205*	0.205	3.24	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.648		*0.485*	0.485	1.34	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.505		*0.202*	0.202	2.50	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	324	E	*0.531*	0.531	610	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.65		*0.278*	0.278	5.94	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.733		*0.230*	0.230	3.18	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.02		*0.244*	0.244	4.18	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.712		*0.284*	0.284	2.51	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.318		*0.215*	0.215	1.48	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	14.0		*0.407*	0.407	34.4	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.91		*0.230*	0.230	8.29	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	13.3		*0.339*	0.339	39.2	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.641		*0.230*	0.230	2.78	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.597		*0.037*	0.037	4.05	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.489		*0.339*	0.339	1.44	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.70		*0.266*	0.266	13.9	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	121		*%*	%	121	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	84		*%*	%	84	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:11
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28552				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91394

Project ID: 135 KENT
Client ID: IA25-11

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.765	*0.204*	0.204	3.76	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.356	*0.204*	0.204	1.75	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.222	*0.166*	0.166	1.33	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.790	*0.204*	0.204	3.88	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	11.9	*0.421*	0.421	28.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.534	*0.313*	0.313	1.70	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	0.567		*0.321*	0.321	1.76	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.072		*0.032*	0.032	0.45	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.530		*0.205*	0.205	2.59	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.685		*0.485*	0.485	1.41	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.566		*0.202*	0.202	2.80	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	158	E	*0.531*	0.531	298	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.25		*0.278*	0.278	4.50	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.562		*0.230*	0.230	2.44	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.882		*0.244*	0.244	3.61	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.675		*0.284*	0.284	2.38	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.288		*0.215*	0.215	1.34	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.01		*0.407*	0.407	12.3	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.63		*0.230*	0.230	7.07	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	11.1		*0.339*	0.339	32.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.587		*0.230*	0.230	2.55	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.541		*0.037*	0.037	3.67	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.456		*0.339*	0.339	1.34	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.26		*0.266*	0.266	8.51	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	118		*%*	%	118	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	87		*%*	%	87	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:46
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23871				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91395

Project ID: 135 KENT
Client ID: IA25-09

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.498	*0.204*	0.204	2.45	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.550	*0.204*	0.204	2.70	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	39.6	*0.421*	0.421	94.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.402	*0.313*	0.313	1.28	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.310		*0.205*	0.205	1.51	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.671		*0.485*	0.485	1.38	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.414		*0.291*	0.291	1.42	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.475		*0.202*	0.202	2.35	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	70.1	E	*0.531*	0.531	132	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.301		*0.278*	0.278	1.08	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.396		*0.230*	0.230	1.72	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.642		*0.244*	0.244	2.63	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.489		*0.284*	0.284	1.72	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.278		*0.215*	0.215	1.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	3.43		*0.407*	0.407	8.43	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.29		*0.230*	0.230	5.60	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.69		*0.339*	0.339	16.8	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.500		*0.230*	0.230	2.17	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.24		*0.037*	0.037	8.41	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.37		*0.266*	0.266	5.16	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.223		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28565				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91396

Project ID: 135 KENT
Client ID: IA25-15

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.810	*0.204*	0.204	3.98	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.298	*0.204*	0.204	1.46	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	0.481	*0.452*	0.452	1.06	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	3.31	*0.166*	0.166	19.9	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.835	*0.204*	0.204	4.10	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	16.9	*0.421*	0.421	40.1	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.647	*0.313*	0.313	2.07	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-15

Phoenix I.D.: CS91396

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.078		*0.032*	0.032	0.49	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.538		*0.205*	0.205	2.63	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.987		*0.485*	0.485	2.04	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.605		*0.291*	0.291	2.08	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	334	E	*0.531*	0.531	629	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.39		*0.278*	0.278	5.01	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.517		*0.230*	0.230	2.24	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.25		*0.244*	0.244	9.22	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.678		*0.284*	0.284	2.39	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.356		*0.215*	0.215	1.66	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.61		*0.407*	0.407	13.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.72		*0.230*	0.230	7.46	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.78		*0.339*	0.339	25.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.644		*0.230*	0.230	2.79	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.762		*0.037*	0.037	5.17	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.95		*0.266*	0.266	7.34	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	86		*%*	%	86	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	85		*%*	%	85	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	91		*%*	%	91	*%*	%	03/27/25	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
May 16, 2025
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:44
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23350				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91397

Project ID: 135 KENT
Client ID: IA25-07

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.16	*0.204*	0.204	5.70	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.471	*0.204*	0.204	2.31	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.227	*0.166*	0.166	1.36	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.949	*0.204*	0.204	4.66	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	10.5	*0.421*	0.421	24.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.413	*0.313*	0.313	1.32	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.076		*0.032*	0.032	0.48	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.394		*0.205*	0.205	1.92	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.645		*0.485*	0.485	1.33	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.448		*0.291*	0.291	1.54	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	65.2	E	*0.531*	0.531	123	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.442		*0.278*	0.278	1.59	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.380		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.658		*0.244*	0.244	2.69	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.557		*0.284*	0.284	1.96	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.299		*0.215*	0.215	1.39	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.34		*0.407*	0.407	8.20	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.19		*0.230*	0.230	5.16	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.28		*0.339*	0.339	24.4	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.494		*0.230*	0.230	2.14	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	0.794		*0.235*	0.235	3.38	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.758		*0.037*	0.037	5.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.60		*0.266*	0.266	6.03	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.212		*0.178*	0.178	1.19	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	93		*%*	%	93	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:47
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28557				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91398

Project ID: 135 KENT
Client ID: IA25-DUP

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.516	*0.204*	0.204	2.54	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.489	*0.204*	0.204	2.40	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	8.55	*0.421*	0.421	20.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.327	*0.313*	0.313	1.04	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-DUP

Phoenix I.D.: CS91398

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.329		*0.205*	0.205	1.61	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.620		*0.485*	0.485	1.28	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.453		*0.202*	0.202	2.24	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	71.1	E	*0.531*	0.531	134	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.283		*0.278*	0.278	1.02	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.262		*0.230*	0.230	1.14	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.328		*0.244*	0.244	1.34	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.349		*0.284*	0.284	1.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.228		*0.215*	0.215	1.06	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.97		*0.407*	0.407	7.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.892		*0.230*	0.230	3.87	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.40		*0.339*	0.339	15.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.366		*0.230*	0.230	1.59	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.19		*0.037*	0.037	8.07	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.04		*0.266*	0.266	3.92	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.222		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	%	96	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:06
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	225				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91399

Project ID: 135 KENT
Client ID: IA25-04

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.71	*0.204*	0.204	8.40	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.551	*0.204*	0.204	2.71	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	2.02	*0.204*	0.204	9.9	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	6.52	*0.421*	0.421	15.5	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.835	*0.313*	0.313	2.67	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.077	*0.032*	0.032	0.48	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.605	*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.20	*0.291*	0.291	4.13	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.9	*0.531*	0.531	33.7	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.25	*0.230*	0.230	5.42	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.23	*0.244*	0.244	9.13	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.554	*0.215*	0.215	2.58	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.20	*0.407*	0.407	5.40	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.92	*0.339*	0.339	17.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.54	*0.230*	0.230	6.68	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.746	*0.037*	0.037	5.06	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.40	*0.266*	0.266	12.8	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.214	*0.178*	0.178	1.20	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	90	*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	105	*%*	%	105	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19960				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91400

Project ID: 135 KENT
Client ID: IA25-12

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.315	*0.204*	0.204	1.55	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.389	*0.204*	0.204	1.91	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	9.88	*0.421*	0.421	23.5	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.473	*0.313*	0.313	1.51	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.063		*0.032*	0.032	0.40	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.434		*0.205*	0.205	2.12	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.639		*0.485*	0.485	1.32	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.486		*0.202*	0.202	2.40	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	86.0	E	*0.531*	0.531	162	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.05		*0.278*	0.278	3.78	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.361		*0.230*	0.230	1.57	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.666		*0.244*	0.244	2.73	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.591		*0.284*	0.284	2.08	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.313		*0.215*	0.215	1.46	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.14		*0.407*	0.407	7.71	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.12		*0.230*	0.230	4.86	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.08		*0.339*	0.339	20.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.408		*0.230*	0.230	1.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.674		*0.037*	0.037	4.57	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.56		*0.266*	0.266	5.88	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	0.042		*0.037*	0.037	0.23	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.211		*0.178*	0.178	1.18	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	483				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91401

Project ID: 135 KENT
Client ID: IA25-16

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.803	*0.204*	0.204	3.95	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.304	*0.204*	0.204	1.49	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.866	*0.204*	0.204	4.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.98	*0.421*	0.421	14.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.518	*0.313*	0.313	1.65	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.610		*0.485*	0.485	1.26	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.688		*0.291*	0.291	2.37	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	40.4	E	*0.531*	0.531	76.1	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.610		*0.230*	0.230	2.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.27		*0.244*	0.244	5.20	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.768		*0.284*	0.284	2.71	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.334		*0.215*	0.215	1.56	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.43		*0.407*	0.407	5.97	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.89		*0.230*	0.230	8.20	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.08		*0.339*	0.339	15.0	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.705		*0.230*	0.230	3.06	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.906		*0.037*	0.037	6.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.88		*0.266*	0.266	7.08	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.192		*0.178*	0.178	1.08	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	97		*%*	%	97	*%*	%	03/26/25	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.
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Phyllis Shiller, Laboratory Director
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19806				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91402

Project ID: 135 KENT
Client ID: IA25-05

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.518	*0.204*	0.204	2.54	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.589	*0.204*	0.204	2.89	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.13	*0.421*	0.421	12.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.543	*0.313*	0.313	1.73	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.032	0.42	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.654	*0.485*	0.485	1.35	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.571	*0.291*	0.291	1.96	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.500	*0.202*	0.202	2.47	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	37.9	*0.531*	0.531	71.4	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.483	*0.230*	0.230	2.10	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.877	*0.244*	0.244	3.59	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.668	*0.284*	0.284	2.35	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.357	*0.215*	0.215	1.66	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.62	*0.407*	0.407	3.98	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.51	*0.230*	0.230	6.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	4.98	*0.339*	0.339	14.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.559	*0.230*	0.230	2.43	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.621	*0.037*	0.037	4.21	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.59	*0.266*	0.266	5.99	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	0.178	1.10	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	93	*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92	*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	%	96	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:13
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28597				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91403

Project ID: 135 KENT
Client ID: IA25-13

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.541	*0.204*	0.204	2.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.228	*0.204*	0.204	1.12	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.243	*0.166*	0.166	1.46	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.457	*0.204*	0.204	2.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	7.88	*0.421*	0.421	18.7	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.337	*0.313*	0.313	1.08	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.649		*0.485*	0.485	1.34	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.318		*0.291*	0.291	1.09	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	88.6	E	*0.531*	0.531	167	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.471		*0.278*	0.278	1.70	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.277		*0.230*	0.230	1.20	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.504		*0.244*	0.244	2.06	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.436		*0.284*	0.284	1.54	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.241		*0.215*	0.215	1.12	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	5.51		*0.407*	0.407	13.5	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	0.884		*0.230*	0.230	3.84	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.18		*0.339*	0.339	15.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.358		*0.230*	0.230	1.55	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.408		*0.037*	0.037	2.77	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.22		*0.266*	0.266	4.59	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221		*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	91		*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:43
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23346				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91404

Project ID: 135 KENT
Client ID: IA25-06

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.06	*0.204*	0.204	5.21	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.453	*0.204*	0.204	2.23	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.88	*0.421*	0.421	16.3	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.450	*0.313*	0.313	1.44	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071		*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.321		*0.205*	0.205	1.57	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.587		*0.485*	0.485	1.21	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.463		*0.291*	0.291	1.59	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	43.0	E	*0.531*	0.531	81.0	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.375		*0.278*	0.278	1.35	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.381		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.733		*0.244*	0.244	3.00	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.553		*0.284*	0.284	1.95	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.246		*0.215*	0.215	1.15	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.25		*0.407*	0.407	5.53	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.17		*0.230*	0.230	5.08	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	9.61		*0.339*	0.339	28.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.471		*0.230*	0.230	2.04	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.588		*0.037*	0.037	3.99	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.50		*0.266*	0.266	5.65	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	111		*%*	%	111	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:09
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18259				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91405

Project ID: 135 KENT
Client ID: IA25-01

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.441	*0.204*	0.204	2.17	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.54	*0.204*	0.204	7.57	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.21	*0.421*	0.421	12.4	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.830	*0.313*	0.313	2.65	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.492	*0.485*	0.485	1.02	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.14	*0.291*	0.291	3.92	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.4	*0.531*	0.531	32.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.01	*0.230*	0.230	4.38	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.92	*0.244*	0.244	7.86	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.20	*0.284*	0.284	4.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.395	*0.215*	0.215	1.84	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.80	*0.407*	0.407	4.42	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.13	*0.230*	0.230	13.6	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	6.23	*0.339*	0.339	18.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.15	*0.230*	0.230	4.99	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.493	*0.037*	0.037	3.34	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.69	*0.266*	0.266	10.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	0.064	*0.037*	0.037	0.34	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	%	107	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	105	*%*	%	105	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	%	119	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49247				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91406

Project ID: 135 KENT
Client ID: IA25-17

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.829	*0.204*	0.204	4.07	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.328	*0.204*	0.204	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.07	*0.204*	0.204	5.26	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.55	*0.421*	0.421	13.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.630	*0.313*	0.313	2.01	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-17

Phoenix I.D.: CS91406

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.550	*0.485*	0.485	1.14	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.458	*0.202*	0.202	2.26	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	31.7	*0.531*	0.531	59.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.749	*0.230*	0.230	3.25	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.45	*0.244*	0.244	5.94	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.956	*0.284*	0.284	3.37	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.295	*0.215*	0.215	1.37	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.14	*0.407*	0.407	5.26	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	2.20	*0.230*	0.230	9.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.84	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.809	*0.230*	0.230	3.51	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.808	*0.037*	0.037	5.48	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	2.05	*0.266*	0.266	7.72	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	109	*%*	%	109	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49245				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91407

Project ID: 135 KENT
Client ID: IA25-08

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.911	*0.204*	0.204	4.48	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.428	*0.204*	0.204	2.10	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.220	*0.166*	0.166	1.32	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.752	*0.204*	0.204	3.69	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	9.13	*0.421*	0.421	21.7	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.416	*0.313*	0.313	1.33	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.067		*0.032*	0.032	0.42	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.364		*0.205*	0.205	1.78	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.608		*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.496		*0.202*	0.202	2.45	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	106	E	*0.531*	0.531	200	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.488		*0.278*	0.278	1.76	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.267		*0.230*	0.230	1.16	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.490		*0.244*	0.244	2.01	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.455		*0.284*	0.284	1.60	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	8.07		*0.407*	0.407	19.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.760		*0.230*	0.230	3.30	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.45		*0.339*	0.339	24.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.337		*0.230*	0.230	1.46	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.486		*0.037*	0.037	3.29	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.397		*0.339*	0.339	1.17	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.10		*0.266*	0.266	4.14	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97		*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/27/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:50
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28617				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91408

Project ID: 135 KENT
Client ID: IA25-14B

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.744	*0.204*	0.204	3.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.286	*0.204*	0.204	1.41	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.268	*0.166*	0.166	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.252	*0.204*	0.204	1.24	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	16.8	*0.421*	0.421	39.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.370	*0.313*	0.313	1.18	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.580		*0.205*	0.205	2.83	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.725		*0.485*	0.485	1.50	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	444	E	*0.531*	0.531	836	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.757		*0.278*	0.278	2.73	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.385		*0.230*	0.230	1.67	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.636		*0.244*	0.244	2.60	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.461		*0.284*	0.284	1.62	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.285		*0.215*	0.215	1.33	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	32.0		*0.407*	0.407	78.6	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.26		*0.230*	0.230	5.47	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.71		*0.339*	0.339	22.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.495		*0.230*	0.230	2.15	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.591		*0.037*	0.037	4.01	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.427		*0.339*	0.339	1.26	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	88		*%*	%	88	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	9:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19962				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91409

Project ID: 135 KENT
Client ID: IA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.81	*0.204*	0.204	8.89	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.580	*0.204*	0.204	2.85	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	2.05	*0.204*	0.204	10.1	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.57	*0.421*	0.421	15.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.825	*0.313*	0.313	2.63	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.633	*0.485*	0.485	1.31	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.21	*0.291*	0.291	4.16	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.466	*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	19.4	*0.531*	0.531	36.5	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.24	*0.230*	0.230	5.38	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.559	*0.215*	0.215	2.60	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.37	*0.407*	0.407	5.82	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.86	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.58	*0.230*	0.230	6.86	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.649	*0.037*	0.037	4.40	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.39	*0.266*	0.266	12.8	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	91	*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	%	102	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23330				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91410

Project ID: 135 KENT
Client ID: OA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.698	*0.204*	0.204	3.43	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.254	*0.204*	0.204	1.25	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.824	*0.204*	0.204	4.05	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.50	*0.421*	0.421	13.1	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.594	*0.313*	0.313	1.90	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071	*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.391	*0.205*	0.205	1.91	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.572	*0.485*	0.485	1.18	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.421	*0.202*	0.202	2.08	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	22.7	*0.531*	0.531	42.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.540	*0.230*	0.230	2.34	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.928	*0.244*	0.244	3.80	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.780	*0.284*	0.284	2.75	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.325	*0.215*	0.215	1.51	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.65	*0.407*	0.407	4.05	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.74	*0.230*	0.230	7.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.94	*0.339*	0.339	20.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.639	*0.230*	0.230	2.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.715	*0.037*	0.037	4.85	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.70	*0.266*	0.266	6.40	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	110	*%*	%	110	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	108	*%*	%	108	*%*	%	03/26/25	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
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:05
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	465				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91411

Project ID: 135 KENT
Client ID: OA25-01

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.459	*0.204*	0.204	2.26	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.59	*0.204*	0.204	7.81	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.32	*0.421*	0.421	12.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.963	*0.313*	0.313	3.07	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: OA25-01

Phoenix I.D.: CS91411

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.069	*0.032*	0.032	0.43	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.593	*0.485*	0.485	1.22	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.12	*0.291*	0.291	3.85	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	18.4	*0.531*	0.531	34.6	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.10	*0.230*	0.230	4.77	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.00	*0.244*	0.244	8.19	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.34	*0.284*	0.284	4.72	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.452	*0.215*	0.215	2.11	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.70	*0.407*	0.407	4.18	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.36	*0.230*	0.230	14.6	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.53	*0.339*	0.339	19.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.23	*0.230*	0.230	5.34	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.698	*0.037*	0.037	4.73	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.00	*0.266*	0.266	11.3	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	108	*%*	%	108	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99	*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/26/25	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:

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

Phyllis Shiller, Laboratory Director
May 16, 2025
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

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:58
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13639				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91412

Project ID: 135 KENT
Client ID: IA25-14A

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.656	*0.204*	0.204	3.22	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.278	*0.204*	0.204	1.37	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.181	*0.166*	0.166	1.09	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.679	*0.204*	0.204	3.34	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	12.9	*0.421*	0.421	30.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.430	*0.313*	0.313	1.37	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.791		*0.205*	0.205	3.86	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.657		*0.485*	0.485	1.36	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.465		*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	645	E	*0.531*	0.531	1210	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.12		*0.278*	0.278	4.03	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.376		*0.230*	0.230	1.63	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.749		*0.244*	0.244	3.07	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.515		*0.284*	0.284	1.81	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.220		*0.215*	0.215	1.03	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	22.5		*0.407*	0.407	55.3	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.16		*0.230*	0.230	5.03	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.44		*0.339*	0.339	24.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.459		*0.230*	0.230	1.99	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.434		*0.037*	0.037	2.94	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.584		*0.339*	0.339	1.72	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	98		*%*	%	98	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/26/25	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
May 16, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

Canister Sampling Information

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

SDG I.D.: GCS91392

Project ID: 135 KENT

						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
IA25-03	CS91392	21362	6.0L	19831	03/21/25	-30	-6	3.11	11.8	116.6	-30	-6	03/24/25 11:46	03/25/25 17:08
IA25-10	CS91393	28568	6.0L	39836	03/21/25	-30	-9	3	2.99	0.3	-30	-8	03/24/25 11:12	03/25/25 10:57
IA25-11	CS91394	28552	6.0L	10753	03/21/25	-30	-7	3.12	3.11	0.3	-30	-8	03/24/25 11:06	03/25/25 11:11
IA25-09	CS91395	23871	6.0L	19842	03/21/25	-30	-7	3.16	3.18	0.6	-30	-6	03/24/25 10:51	03/25/25 10:46
IA25-15	CS91396	28565	6.0L	4982	03/21/25	-30	-7	3.02	3.03	0.3	-30	-7	03/24/25 11:04	03/25/25 10:49
IA25-07	CS91397	23350	6.0L	10741	03/21/25	-30	-6	3.17	3.22	1.6	-30	-6	03/24/25 10:54	03/25/25 10:44
IA25-DUP	CS91398	28557	6.0L	5652	03/21/25	-30	-10	3.03	3.07	1.3	-30	-11	03/24/25 11:51	03/25/25 11:47
IA25-04	CS91399	225	6.0L	10590	03/21/25	-30	-6	3.01	10.9	113.4	-30	-8	03/24/25 11:45	03/25/25 19:06
IA25-12	CS91400	19960	6.0L	10761	03/21/25	-30	-6	3.11	3.15	1.3	-30	-5	03/24/25 11:03	03/25/25 11:51
IA25-16	CS91401	483	6.0L	10739	03/21/25	-30	-4	3.1	11.9	117.3	-30	-5	03/24/25 10:47	03/25/25 18:49
IA25-05	CS91402	19806	6.0L	10647	03/21/25	-30	-5	3.08	11.5	115.5	-30	-5	03/24/25 10:45	03/25/25 18:45
IA25-13	CS91403	28597	6.0L	3963	03/21/25	-30	-5	3.26	3.5	7.1	-30	-5	03/24/25 10:02	03/25/25 11:13
IA25-06	CS91404	23346	6.0L	10705	03/21/25	-30	-6	3.13	3.03	3.2	-30	-6	03/24/25 10:56	03/25/25 10:43
IA25-01	CS91405	18259	6.0L	10656	03/21/25	-30	-8	3	10.4	110.4	-30	-8	03/24/25 11:52	03/25/25 09:09

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

May 16, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Location Code: ROCKENVIRO

Project ID: 135 KENT

SDG I.D.: GCS91392

						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
IA25-17	CS91406	49247	6.0L	10699	03/21/25	-30	-4	3.3	12.1	114.3	-30	-5	03/24/25 10:48	03/25/25 18:51
IA25-08	CS91407	49245	6.0L	2988	03/21/25	-30	-5	3.1	3.11	0.3	-29	-5	03/24/25 10:52	03/25/25 10:45
IA25-14B	CS91408	28617	6.0L	5595	03/21/25	-30	-7	3.15	3.15	0.0	-30	-7	03/24/25 11:09	03/25/25 10:50
IA25-02	CS91409	19962	6.0L	19829	03/21/25	-30	-6	3.05	11.6	116.7	-30	-8	03/24/25 11:49	03/25/25 09:07
OA25-02	CS91410	23330	6.0L	7024	03/21/25	-30	-5	3.2	3.1	3.2	-30	-6	03/24/25 11:37	03/25/25 11:07
OA25-01	CS91411	465	6.0L	4494	03/21/25	-30	-5	3.17	10.8	109.2	-30	-7	03/24/25 11:35	03/25/25 19:05
IA25-14A	CS91412	13639	6.0L	10557	03/21/25	-30	-7	3.12	3.31	5.9	-30	-7	03/24/25 11:10	03/25/25 10:58

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

NY # 11301

QA/QC Report

May 16, 2025

QA/QC Data

SDG I.D.: GCS91392

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 776428 (ppbv), QC Sample No: CS90667 (CS91392, CS91393, CS91394, CS91404, CS91406, CS91407, CS91410, CS91411, CS91412)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	82	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	65	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	96	6.44	6.58	1.31	1.34	2.3	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	82	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	86	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	94	1.83	1.91	0.373	0.388	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	89	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	95	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	19.4	20.1	4.17	4.32	3.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	5.94	6.09	1.21	1.24	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	84	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	102	1.36	1.38	0.333	0.336	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	76	192 E	197	80.7 E	82.8	2.6	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	76	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	111	2.92	3.09	0.916	0.968	5.5	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	86	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	73	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	78	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	96	0.41	0.43	0.066	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	82	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	109	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	97	0.94	1.04	0.455	0.504	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	103	2.88	3.04	0.837	0.884	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	95	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
Dichlorodifluoromethane	ND	0.250	ND	1.24	108	1.97	1.90	0.398	0.384	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	78	110 E	113	58.5 E	60.0	2.5	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	143	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	99	6.16	6.38	1.42	1.47	3.5	70 - 130	25
Heptane	ND	0.250	ND	1.02	106	72.9	76.2	17.8	18.6	4.4	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	60	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	111	5.88	6.16	1.67	1.75	4.7	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	73	56.5 E	58.5	23.0 E	23.8	3.4	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	92	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	101	19.6	20.5	4.51	4.73	4.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	108	1.49	1.62	0.506	0.549	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	75	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	75	0.78	0.72	0.149	0.137	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	86	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	99	7.12	7.12	1.64	1.64	0.0	70 - 130	25
Propylene	ND	0.250	ND	0.43	98	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	89	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	97	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	87	2.22	2.35	0.327	0.347	5.9	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	109	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	106	35.6	37.2	9.45	9.88	4.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	69	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	72	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	112	%	112	%	96	115	112	115	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	114	%	114	%	105	103	102	103	102	NC	60 - 140	25
% IS-Bromochloromethane	117	%	117	%	112	104	102	104	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	109	%	109	%	126	107	106	107	106	NC	60 - 140	25

QA/QC Batch 776464 (ppbv), QC Sample No: CS90762 (CS91400, CS91401, CS91402, CS91403)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	123	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	100	1.16	1.20	0.251	0.259	3.1	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	103	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	105	0.93	0.93	0.154	0.155	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	97	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	100	3.48	ND	0.746	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	98	1.41	1.47	0.344	0.358	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	95	70.3	71.5	29.6	30.1	1.7	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	0.85	0.86	0.267	0.268	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	107	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.00	0.99	0.150	0.148	1.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.41	0.41	0.066	0.066	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	102	8.88	8.93	1.82	1.83	0.5	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	103	0.97	0.97	0.469	0.469	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	106	0.16	0.16	0.019	0.019	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	104	2.25	2.33	0.456	0.471	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	98	95.5 E	99.4	50.7 E	52.8	4.1	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	124	1.84	1.92	0.512	0.534	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	101	1.28	1.26	0.295	0.290	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	122	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	100	1.70	1.70	0.483	0.484	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	100	24.1	24.5	9.8	9.98	1.8	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	4.82	4.82	1.11	1.11	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	3.36	3.36	1.14	1.14	0.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	93	479	489	138	141	2.2	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	125	0.59	0.44	0.112	0.085	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	96	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	100	1.83	1.86	0.421	0.429	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	93	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	102	0.50	0.51	0.117	0.119	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	0.82	0.82	0.121	0.121	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	102	135	137	35.9	36.3	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.21	0.21	0.039	0.040	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	101	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	102	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	99	104	104	104	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	97	96	94	96	94	NC	60 - 140	25
% IS-Bromochloromethane	98	%	98	%	98	98	96	98	96	NC	60 - 140	25

QA/QC Data

SDG I.D.: GCS91392

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
% IS-Chlorobenzene-d5	95	%	95	%	103	95	94	95	94	NC	60 - 140	25
QA/QC Batch 776431 (ppbv), QC Sample No: CS90763 (CS91395, CS91396, CS91397, CS91398, CS91399, CS91408, CS91409)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	115	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	115	1.45	1.62	0.296	0.330	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	122	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	105	2.35	2.40	0.581	0.594	2.2	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	0.44	0.48	0.096	0.105	9.0	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	125	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	120	2.90	3.30	0.482	0.549	13.0	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	103	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	102	2.38	2.62	0.511	0.562	9.5	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	113	1.24	1.33	0.252	0.271	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	103	33.0	34.4	13.9	14.5	4.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	1.48	1.54	0.464	0.481	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	102	1.59	1.71	0.238	0.256	7.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.48	0.52	0.077	0.082	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	104	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	101	13.6	14.4	2.79	2.95	5.6	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	101	1.41	1.38	0.684	0.670	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	105	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	94	1.29	1.31	0.375	0.381	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	104	0.23	0.25	0.027	0.029	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	106	2.34	2.30	0.474	0.466	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	96	284 E	305	151 E	162	7.0	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	126	3.21	3.58	0.891	0.994	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	108	1.65	1.87	0.380	0.430	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	105	2.45	2.60	0.597	0.636	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	132	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	105	2.68	2.79	0.761	0.791	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	102	74.2 E	76.6	30.2 E	31.2	3.3	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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
m,p-Xylene	ND	0.500	ND	2.17	111	5.86	6.51	1.35	1.50	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	2.11	2.21	0.715	0.750	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	96	28.4	29.3	8.19	8.44	3.0	70 - 130	25
Naphthalene	ND	0.050	ND	0.26	106	1.08	1.22	0.206	0.234	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	108	2.39	2.66	0.551	0.612	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	97	6.36	6.59	3.70	3.83	3.5	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	113	0.67	0.79	0.158	0.186	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	106	4.39	4.83	0.647	0.712	9.6	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	106	0.94	0.95	0.319	0.323	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	105	19.6	21.1	5.21	5.59	7.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	104	0.26	0.29	0.048	0.054	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	105	107	111	107	111	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	94	93	85	93	85	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	92	91	86	91	86	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	100	92	83	92	83	NC	60 - 140	25
QA/QC Batch 776606 (ppbv), QC Sample No: CS91405 (CS91405)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	84	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	76	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	64	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	95	5.65	5.55	1.15	1.13	1.8	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	81	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	2.17	2.16	0.441	0.440	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	84	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	101	1.84	1.89	0.395	0.406	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	98	7.57	7.47	1.54	1.52	1.3	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	85	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	74	12.4	12.4	5.21	5.22	0.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	117	2.65	2.64	0.830	0.826	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	85	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS91392

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	
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	79	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.41	0.42	0.066	0.067	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	95	1.02	1.11	0.492	0.536	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	108	3.92	ND	1.14	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	106	2.53	2.36	0.512	0.477	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	76	32.8	32.0	17.4	17.0	2.3	70 - 130	25	
Ethyl acetate	ND	0.280	ND	1.01	152	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	100	4.34	4.38	1.00	1.01	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	105	7.86	7.50	1.92	1.83	4.8	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	59	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.280	ND	0.99	116	4.23	3.98	1.20	1.13	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	73	4.42	4.42	1.80	1.80	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	102	13.6	13.4	3.13	3.09	1.3	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	112	18.4	18.2	6.23	6.17	1.0	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	75	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	75	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	4.99	4.99	1.15	1.15	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	84	3.34	3.17	0.493	0.467	5.4	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	107	10.1	10.2	2.69	2.72	1.1	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	91	0.34	0.33	0.064	0.061	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Trichlorotrifluoroethane	ND	0.130	ND	1.00	72	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	110	%	110	%	100	109	104	109	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	117	%	117	%	108	107	108	107	108	NC	60 - 140	25	
% IS-Bromochloromethane	116	%	116	%	109	105	106	105	106	NC	60 - 140	25	
% IS-Chlorobenzene-d5	114	%	114	%	126	119	121	119	121	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

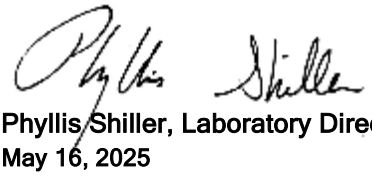
QA/QC Data

SDG I.D.: GCS91392

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

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
May 16, 2025

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

Criteria: NY: AIRIA, AIRSV

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91392	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.469	0.037	0.443	0.443	ppbv
CS91392	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91393	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91393	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.597	0.037	0.443	0.443	ppbv
CS91394	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.072	0.032	0.032	0.032	ppbv
CS91394	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.541	0.037	0.443	0.443	ppbv
CS91395	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.075	0.032	0.032	0.032	ppbv
CS91395	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.24	0.037	0.443	0.443	ppbv
CS91396	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.762	0.037	0.443	0.443	ppbv
CS91396	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91397	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CS91397	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.758	0.037	0.443	0.443	ppbv
CS91398	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91398	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	1.19	0.037	0.443	0.443	ppbv
CS91399	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.077	0.032	0.032	0.032	ppbv
CS91399	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.746	0.037	0.443	0.443	ppbv
CS91400	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.063	0.032	0.032	0.032	ppbv
CS91400	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.674	0.037	0.443	0.443	ppbv
CS91400	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.042	0.037	0.037	0.037	ppbv
CS91401	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91401	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.906	0.037	0.443	0.443	ppbv
CS91402	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.621	0.037	0.443	0.443	ppbv
CS91402	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91403	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91404	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.588	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CS91405	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.493	0.037	0.443	0.443	ppbv
CS91405	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.064	0.037	0.037	0.037	ppbv
CS91406	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.808	0.037	0.443	0.443	ppbv
CS91406	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv

Sample Criteria Exceedances Report

GCS91392 - ROCKENVIRO

Criteria: NY: AIRIA, AIRSV
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS91407	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CS91407	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.486	0.037	0.443	0.443	ppbv
CS91408	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.070	0.032	0.032	0.032	ppbv
CS91408	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.591	0.037	0.443	0.443	ppbv
CS91409	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.078	0.032	0.032	0.032	ppbv
CS91409	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.649	0.037	0.443	0.443	ppbv
CS91410	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.071	0.032	0.032	0.032	ppbv
CS91410	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.715	0.037	0.443	0.443	ppbv
CS91411	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.069	0.032	0.032	0.032	ppbv
CS91411	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.698	0.037	0.443	0.443	ppbv
CS91412	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	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.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860-645-1102 • Fax: 860-645-0823
ROCKENVIRO

CHAIN OF CUSTODY RECORD
AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. # Page 1 of 3

Data Delivery:
☐ Fax #:
☒ Email: rob@rockenviro.com
☒ Phone #: 718-858-6655

Report to: Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:	
Customer: Rock Enviro (RE)	Invoice to: RE	Requested Deliverable: RCP ASP CAT B	
Address: 170 Lee Avenue		MCP NJ Deliverables	
17204 Brooklyn NY 11211	Sampled by: RB + RQ	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 (MATRIX)	Soil Gas (MATRIX)	Grab (G) Composite (C)	TO-15 (ANALYSES)	APH (ANALYSES)
	THIS SECTION FOR LAB USE ONLY																
91392	· IA 25-03	21362	6.0L	-30	-6	~~5352~~ ~~19831~~	3.11	1146	1708	3/24/25	-30	-6	X		G	X	
91393	IA25-10	28568	6.0L	-30	-9	39836	3	1112	1057	3/24/25	-30	-8	X		G	X	
91394	IA25-11	28552	6.0L	-30	-7	10753	3.12	1106	1111	3/24/25	-30	-8	X		G	X	
91395	IA25-09	23871	6.0L	-30	-7	19842	3.16	1051	1046	3/24/25	-30	-6	X		G	X	
91396	IA25-15	28565	6.0L	-30	-7	4982	3.02	1104	1049	3/24/25	-30	-7	X		G	X	
91397	~~IA-07~~ IA25 07	23350	6.0L	-30	-6	10741	3.17	1054	1044	3/24/25	-30	-6	X		G	X	
91398	IA25-DUP	28557	6.0L	-30	-10	5652	3.03	1051	1147	3/24/25	-30	-11	X		G	X	
91399	· IA 25-04	225	6.0L	-30	-6	~~5043~~ ~~10590~~	3.01	1145	1906	3/24/25	-30	-8	X		G	X	
91400	IA 25-12	19960	6.0L	-30	-6	10761	3.11	1103	1151	3/24/25	-30	-5	X		G	X	
	Did Not Use ~~#~~	~~49211~~	6.0L	-30		10758	3.08										

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1246

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: 3/21/25

State Where Samples Collected: NY 3/26/25 16:30

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(22) - 6.0L 24 hr Need LCS included in lab report
Flow controller ID #s changed because we swapped 24-hr for 8-hr controllers on
*Rec at PCL unused

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

P.O. #

Data Delivery:
- ☐ Fax #:
- ☒ Email: rob@rockenviro.com
- ☒ Phone #: (718) 858-6655

ROCKENVIRO

Report to: Rob Bennett
Customer: Rock Enviro (RE)
Address: 170 Lee Avenue
17204 Brooklyn NY 11211

Project Name: 135 Kent
Invoice to: RE
Sampled by: RB + RQ

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
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 (MATRIX)	Soil Gas (MATRIX)	Grab (G) Composite (C) (MATRIX)	TO-15 (ANALYSES)	APH (ANALYSES)
		THIS SECTION FOR LAB USE ONLY															
91401	• IA25-16	483	6.0L	-30	-4	~~7004~~ ~~10739~~	3.1	1047	1249	3/24/25	-30	-5	X		G	X	
91402	• IA25-05	19806	6.0L	-30	-5	5600 ~~10647~~	3.08	1045	1245	3/24/25	-30	-5	X		G	X	
91403	IA25-13	28597	6.0L	-30	-5	3963	3.26	1102	1113	3/24/25	-30	-5	X		G	X	
91404	~~IA25-06~~ IA25-06	23346	6.0L	-30	-6	10705	3.13	1056	1043	3/24/25	-30	-6	X		G	X	
91405	• IA25-01	18259	6.0L	-30	-8	~~10770~~ ~~10656~~	3	1152	1909	3/24/25	-30	-8	X		G	X	
91406	• IA25-17	49247	6.0L	-30	-4	~~3408~~ ~~10095~~	3.3	1048	1251	3/24/25	-30	-5	X		G	X	
91407	IA25-08	49245	6.0L	-30	-5	2988	3.1	1052	1045	3/24/25	-29	-5	X		G	X	
91408	IA25-14B	28617	6.0L	-30	-7	5595	3.15	1109	1050	3/24/25	-30	-7	X		G	X	
91409	• ~~IA25-02~~ IA25-02	19962	6.0L	-30	-6	~~3918~~ ~~19829~~	3.05	1149	1907	3/24/25	-30	-8	X		G	X	
91410	• OA25-02	23330	6.0L	-30	-5	7024	3.2	1137	1107	3/24/25	-30	-6	X		G	X	

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
3/26/25		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

05/16/2025 Phoenix Environmental Laboratories, Inc. Page 86 of 4011

05/16/2025

Phoenix Environmental Laboratories, Inc.

Page 87 of 1011

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860 645 1102 • Fax: 860 645 0823

ROCKENVIRO

CHAIN OF CUSTODY RECORD
AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☑ Email: rob@rockenviro.com
☑ Phone #: (718) 858-6655

Report to:	Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:
Customer:	Rock Enviro	Invoice to: RE	Requested Deliverable: RCP ASP CAT B
Address:	170 Lee Avenue		MCP NJ Deliverables
17204	Brooklyn NY 11211	Sampled by: RB+RQ	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 (MATRIX)	Soil Gas (MATRIX)	Grab (G) Composite (C) (MATRIX)	TO-15 (ANALYSES)	APH (ANALYSES)	
		THIS SECTION FOR LAB USE ONLY																
91411	OA 25-01	465	6.0L	-30	-5	4979 ~~4494~~	3.17	1135	1905	3/24/25	-30	-7	X		G	X		
91412	IA 25-14A	13639	6.0L	-30	-7	10557	3.12	1110	1058	3/24/25	-30	-7	X		G	X		

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3 16:30

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

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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: Rock Enviro

135 KENT

Laboratory Project: GCS91392

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: GCS91392

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 135 KENT, Rock Enviro

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: CS90763 LCS
All LCS recoveries met criteria with the following exceptions: Hexachlorobutadiene 132%

Sample: CS90762 LCS
All LCS recoveries met criteria with the following exceptions: None.

Sample: CS90667 LCS
All LCS recoveries met criteria with the following exceptions: Ethyl acetate 142%, 1,2,4-Trichlorobenzene 65%, Hexachlorobutadiene 60%

Sample: CS91405 LCS
All LCS recoveries met criteria with the following exceptions: Trichlorofluoromethane 69%, Ethyl acetate 152%, 1,2,4-Trichlorobenzene 64%, Hexachlorobutadiene 59%

Form 4 (Method Blank):

File: CHEM24 0326_05.D
All compounds were non-detect with the following exceptions: None.

File: CHEM39 0326_05.D
All compounds were non-detect with the following exceptions: None.

File: CHEM20 0326_09.D
All compounds were non-detect with the following exceptions: None.

File: CHEM20 0327_05.D
All compounds were non-detect with the following exceptions: None.

Form 5 (Tune):

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

File: CHEM20 0326_05.D
All Tune criteria was met with the following exceptions: None.

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: GCS91392

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 135 KENT, Rock Enviro

File: CHEM20 0327_01.D
All Tune criteria was met with the following exceptions: None.

File: CHEM24 0319_01.D
All Tune criteria was met with the following exceptions: None.

File: CHEM24 0326_02.D
All Tune criteria was met with the following exceptions: None.

File: CHEM39 0325_11.D
All Tune criteria was met with the following exceptions: None.

File: CHEM39 0326_02.D
All Tune criteria was met with the following exceptions: None.

Form 6 (Initial Calibration):

Calibration: CHEM20 03/18/25 - 03/18/25
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:
Ethanol 58%,1,2,4-Trichlorobenzene 60%, Naphthalene 61%, Hexachlorobutadiene 59%.

Calibration: CHEM24 03/19/25 - 03/19/25
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:
Ethanol 64%

Calibration: CHEM39 03/25/25 - 03/25/25
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:
Ethanol 59%.

Form 7 (Continuing Calibration):

File: CHEM20 0326_05.D (Opening)
95% of method compounds met criteria.
The following compounds did not meet maximum % deviations: 1,2,4-Trichlorobenzene 48.8% (30), Naphthalene 37.5% (30), Hexachlorobutadiene 45.6% (30), 1,2,4-Trichlorobenzene(sim) 47.0% (30), Hexachlorobutadiene(sim) 43.2% (30)

File: CHEM20 0327_01.D (Closing / Opening)
95% of method compounds met criteria.
The following compounds did not meet maximum % deviations: 1,2,4-Trichlorobenzene 46.4% (30), Naphthalene 40.4% (30), Hexachlorobutadiene 46.0% (30), 1,2,4-Trichlorobenzene(sim) 48.1% (30), Hexachlorobutadiene(sim) 44.3% (30)

No Closing Continuing Calibration was provided.

File: CHEM24 0326_02.D (Opening)
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: Benzyl chloride 42.0% (20), 1,2,4-Trichlorobenzene 55.0% (20),

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: GCS91392

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 135 KENT, Rock Enviro

Naphthalene 56.0% (20), 1,2,4-Trichlorobenzene(sim) 27.0% (20)

File: CHEM24 0327_01.D (Closing)
The following compounds did not meet maximum % deviations: Benzyl chloride 42.0% (20), 1,2,4-Trichlorobenzene 55.0% (20), Naphthalene 58.0% (20), 1,2,4-Trichlorobenzene(sim) 29.0% (20)

File: CHEM39 0326_02.D (Opening)
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.

No Closing Continuing Calibration was provided.

Form 8 (Internal Standard and Retention Time):

File: CHEM20 - 20_AIR_0318.M / 0326_05.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_0318.M / 0326_05.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_0318.M / 0327_01.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_0318.M / 0327_01.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_0318.M / Average Full
All samples met internal standard area and retention time critieria with the following exceptions:
0318_15.D - ICAL 40: Chlorobenzene-d5; Area 497277 (181718 - 429099)

File: CHEM20 - 20_AIR_0318.M / Average Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM24 - 24_AIR_0319.M / 0326_02.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM24 - 24_AIR_0319.M / 0326_02.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM24 - 24_AIR_0319.M / Average Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM24 - 24_AIR_0319.M / Average Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_0325.M / 0326_02.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_0325.M / 0326_02.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_0325.M / Average Full

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: GCS91392

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 135 KENT, Rock Enviro

All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_0325.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.

04/02/25

Alejandro Paredes

Project Manager

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SDG: GCS91392

QC Batch Id: 776428 QC Sample Id: CS90667

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CS90667 LCS	CS90667 LCS	96				0
02	CS90667 BLANK	CS90667 BLANK	112				0
03	CS90667 QC 0.5X	CS90667 QC 0.5X	115				0
04	CS90667 DUP 0.5X	CS90667 DUP 0.5X	112				0
05	OA25-02	CS91410	110				0
06	OA25-01	CS91411	108				0
07	IA25-14A	CS91412	114				0
08	IA25-06	CS91404	111				0
09	IA25-17	CS91406	109				0
10	IA25-08	CS91407	114				0
11	IA25-03	CS91392	104				0
12	IA25-10	CS91393	121				0
13	IA25-11	CS91394	118				0
14							
15							
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28							
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

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SDG: GCS91392

QC Batch Id: 776464 QC Sample Id: CS90762

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CS90762 LCS	CS90762 LCS	99				0
02	CS90762 BLANK	CS90762 BLANK	95				0
03	CS90762 QC 0.5X	CS90762 QC 0.5X	104				0
04	CS90762 DUP 0.5X	CS90762 DUP 0.5X	104				0
05	IA25-12	CS91400	102				0
06	IA25-16	CS91401	100				0
07	IA25-05	CS91402	102				0
08	IA25-13	CS91403	102				0
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			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

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SDG: GCS91392

QC Batch Id: 776431 QC Sample Id: CS90763

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CS90763 LCS	CS90763 LCS	105				0
02	CS90763 BLANK	CS90763 BLANK	95				0
03	CS90763 QC 0.5X	CS90763 QC 0.5X	107				0
04	CS90763 DUP 0.5X	CS90763 DUP 0.5X	111				0
05	IA25-14B	CS91408	101				0
06	IA25-02	CS91409	91				0
07	IA25-07	CS91397	100				0
08	IA25-04	CS91399	90				0
09	IA25-DUP	CS91398	101				0
10	IA25-15	CS91396	102				0
11	IA25-09	CS91395	99				0
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			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

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SDG: GCS91392

QC Batch Id: 776606 QC Sample Id: CS91405

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CS91405 LCS	CS91405 LCS	100				0
02	CS91405 BLANK	CS91405 BLANK	110				0
03	IA25-01	CS91405	109				0
04	IA25-01 DUP	CS91405 DUP	104				0
05							
06							
07							
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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: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90667 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.870	99	70	130
Dichlorodifluoromethane	10		10.96	110	70	130
Chloromethane	10		9.767	98	70	130
1,2-Dichlorotetrafluoroethane	10		8.712	87	70	130
Vinyl Chloride	10		9.076	91	70	130
1,3-Butadiene	10		8.959	90	70	130
Bromomethane	10		7.865	79	70	130
Chloroethane	10		8.316	83	70	130
Ethanol	6		4.994	83	70	130
Acetone	10		7.654	77	70	130
Trichlorofluoromethane	10		7.023	70	70	130
Isopropylalcohol	10		7.392	74	70	130
Acrylonitrile	10		7.683	77	70	130
1,1-Dichloroethene	10		7.664	77	70	130
Methylene Chloride	10		7.548	75	70	130
Carbon Disulfide	10		7.841	78	70	130
Trichlorotrifluoroethane	10		7.277	73	70	130
Trans-1,2-Dichloroethene	10		10.70	107	70	130
1,1-Dichloroethane	10		10.77	108	70	130
Methyl tert-butyl ether(MTBE)	10		10.55	106	70	130
Methyl Ethyl Ketone	10		10.88	109	70	130
Cis-1,2-Dichloroethene	10		10.82	108	70	130
Hexane	10		11.25	113	70	130
Chloroform	10		11.07	111	70	130
Ethyl acetate	10		14.20	142 *	70	130
Tetrahydrofuran	10		11.07	111	70	130
1,2-Dichloroethane	10		11.14	111	70	130
1,1,1-Trichloroethane	10		10.42	104	70	130
Benzene	10		11.22	112	70	130
Carbon Tetrachloride	10		9.683	97	70	130
Cyclohexane	10		10.40	104	70	130
1,2-dichloropropane	10		10.62	106	70	130
Bromodichloromethane	10		10.32	103	70	130
Trichloroethene	10		8.958	90	70	130
2,2,4-trimethylpentane	10		9.958	100	70	130
1,4-Dioxane	10		9.528	95	70	130
Heptane	10		10.65	107	70	130
cis-1,3-Dichloropropene	10		10.47	105	70	130
4-Methyl-2-pentanone(MIBK)	10		10.18	102	70	130
trans-1,3-Dichloropropene	10		10.17	102	70	130
1,1,2-Trichloroethane	10		10.56	106	70	130
Toluene	10		10.56	106	70	130
Dibromochloromethane	10		9.535	95	70	130
2-Hexanone(MBK)	10		10.20	102	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90667 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.10	101	70	130
Tetrachloroethene	10		8.658	87	70	130
1,1,1,2-Tetrachloroethane	10		8.188	82	70	130
Chlorobenzene	10		9.473	95	70	130
Ethylbenzene	10		9.872	99	70	130
m,p-Xylene	20		20.14	101	70	130
Bromoform	10		7.278	73	70	130
Styrene	10		9.658	97	70	130
1,1,2,2-Tetrachloroethane	10		9.812	98	70	130
o-Xylene	10		9.853	99	70	130
Isopropylbenzene	10		9.232	92	70	130
4-Ethyltoluene	10		9.774	98	70	130
1,3,5-Trimethylbenzene	10		9.385	94	70	130
1,2,4-Trimethylbenzene	10		9.558	96	70	130
Benzyl chloride	10		8.639	86	70	130
1,3-Dichlorobenzene	10		8.455	85	70	130
1,4-Dichlorobenzene	10		8.448	84	70	130
sec-Butylbenzene	10		8.946	89	70	130
4-Isopropyltoluene	10		8.445	84	70	130
1,2-Dichlorobenzene	10		8.218	82	70	130
n-Butylbenzene	10		8.577	86	70	130
1,2,4-Trichlorobenzene	8		5.199	65 *	70	130
Naphthalene	8		6.011	75	70	130
Hexachlorobutadiene	8		4.788	60 *	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90762 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.327	93	70	130
Dichlorodifluoromethane	10		10.38	104	70	130
Chloromethane	10		10.31	103	70	130
1,2-Dichlorotetrafluoroethane	10		10.29	103	70	130
Vinyl Chloride	10		10.22	102	70	130
1,3-Butadiene	10		10.17	102	70	130
Bromomethane	10		9.776	98	70	130
Chloroethane	10		9.876	99	70	130
Ethanol	6		6.243	104	70	130
Acetone	10		9.490	95	70	130
Trichlorofluoromethane	10		10.14	101	70	130
Isopropylalcohol	10		10.03	100	70	130
Acrylonitrile	10		9.969	100	70	130
1,1-Dichloroethene	10		10.15	102	70	130
Methylene Chloride	10		9.332	93	70	130
Carbon Disulfide	10		10.15	102	70	130
Trichlorotrifluoroethane	10		10.29	103	70	130
Trans-1,2-Dichloroethene	10		9.996	100	70	130
1,1-Dichloroethane	10		10.23	102	70	130
Methyl tert-butyl ether(MTBE)	10		10.05	101	70	130
Methyl Ethyl Ketone	10		10.35	104	70	130
Cis-1,2-Dichloroethene	10		10.13	101	70	130
Hexane	10		10.03	100	70	130
Chloroform	10		10.18	102	70	130
Ethyl acetate	10		12.37	124	70	130
Tetrahydrofuran	10		9.991	100	70	130
1,2-Dichloroethane	10		10.29	103	70	130
1,1,1-Trichloroethane	10		10.26	103	70	130
Benzene	10		9.893	99	70	130
Carbon Tetrachloride	10		10.35	104	70	130
Cyclohexane	10		9.932	99	70	130
1,2-dichloropropane	10		10.00	100	70	130
Bromodichloromethane	10		10.24	102	70	130
Trichloroethene	10		10.54	105	70	130
2,2,4-trimethylpentane	10		10.02	100	70	130
1,4-Dioxane	10		9.709	97	70	130
Heptane	10		10.10	101	70	130
cis-1,3-Dichloropropene	10		10.23	102	70	130
4-Methyl-2-pentanone(MIBK)	10		9.790	98	70	130
trans-1,3-Dichloropropene	10		10.21	102	70	130
1,1,2-Trichloroethane	10		10.27	103	70	130
Toluene	10		10.17	102	70	130
Dibromochloromethane	10		10.55	106	70	130
2-Hexanone(MBK)	10		9.918	99	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90762 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.26	103	70	130
Tetrachloroethene	10		10.38	104	70	130
1,1,1,2-Tetrachloroethane	10		9.985	100	70	130
Chlorobenzene	10		10.23	102	70	130
Ethylbenzene	10		10.08	101	70	130
m,p-Xylene	20		20.69	103	70	130
Bromoform	10		10.69	107	70	130
Styrene	10		10.16	102	70	130
1,1,2,2-Tetrachloroethane	10		10.32	103	70	130
o-Xylene	10		10.01	100	70	130
Isopropylbenzene	10		9.769	98	70	130
4-Ethyltoluene	10		9.815	98	70	130
1,3,5-Trimethylbenzene	10		10.45	105	70	130
1,2,4-Trimethylbenzene	10		10.30	103	70	130
Benzyl chloride	10		10.69	107	70	130
1,3-Dichlorobenzene	10		10.55	106	70	130
1,4-Dichlorobenzene	10		10.46	105	70	130
sec-Butylbenzene	10		9.830	98	70	130
4-Isopropyltoluene	10		9.630	96	70	130
1,2-Dichlorobenzene	10		10.41	104	70	130
n-Butylbenzene	10		9.594	96	70	130
1,2,4-Trichlorobenzene	8		9.807	123	70	130
Naphthalene	8		9.992	125	70	130
Hexachlorobutadiene	8		9.763	122	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90763 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.716	97	70	130
Dichlorodifluoromethane	10		10.63	106	70	130
Chloromethane	10		10.08	101	70	130
1,2-Dichlorotetrafluoroethane	10		10.40	104	70	130
Vinyl Chloride	10		10.05	101	70	130
1,3-Butadiene	10		10.17	102	70	130
Bromomethane	10		9.806	98	70	130
Chloroethane	10		10.36	104	70	130
Ethanol	6		6.113	102	70	130
Acetone	10		10.32	103	70	130
Trichlorofluoromethane	10		10.37	104	70	130
Isopropylalcohol	10		10.19	102	70	130
Acrylonitrile	10		9.861	99	70	130
1,1-Dichloroethene	10		10.44	104	70	130
Methylene Chloride	10		9.569	96	70	130
Carbon Disulfide	10		9.977	100	70	130
Trichlorotrifluoroethane	10		10.27	103	70	130
Trans-1,2-Dichloroethene	10		10.14	101	70	130
1,1-Dichloroethane	10		10.32	103	70	130
Methyl tert-butyl ether(MTBE)	10		10.59	106	70	130
Methyl Ethyl Ketone	10		10.25	103	70	130
Cis-1,2-Dichloroethene	10		10.26	103	70	130
Hexane	10		10.47	105	70	130
Chloroform	10		10.06	101	70	130
Ethyl acetate	10		12.58	126	70	130
Tetrahydrofuran	10		10.64	106	70	130
1,2-Dichloroethane	10		10.50	105	70	130
1,1,1-Trichloroethane	10		10.56	106	70	130
Benzene	10		9.887	99	70	130
Carbon Tetrachloride	10		10.42	104	70	130
Cyclohexane	10		9.412	94	70	130
1,2-dichloropropane	10		10.15	102	70	130
Bromodichloromethane	10		10.24	102	70	130
Trichloroethene	10		10.43	104	70	130
2,2,4-trimethylpentane	10		10.21	102	70	130
1,4-Dioxane	10		10.35	104	70	130
Heptane	10		10.47	105	70	130
cis-1,3-Dichloropropene	10		10.49	105	70	130
4-Methyl-2-pentanone(MIBK)	10		10.50	105	70	130
trans-1,3-Dichloropropene	10		10.55	106	70	130
1,1,2-Trichloroethane	10		10.15	102	70	130
Toluene	10		10.51	105	70	130
Dibromochloromethane	10		10.39	104	70	130
2-Hexanone(MBK)	10		11.05	111	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS90763 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.37	104	70	130
Tetrachloroethene	10		10.63	106	70	130
1,1,1,2-Tetrachloroethane	10		10.15	102	70	130
Chlorobenzene	10		10.49	105	70	130
Ethylbenzene	10		10.82	108	70	130
m,p-Xylene	20		22.11	111	70	130
Bromoform	10		10.81	108	70	130
Styrene	10		11.29	113	70	130
1,1,2,2-Tetrachloroethane	10		10.55	106	70	130
o-Xylene	10		10.78	108	70	130
Isopropylbenzene	10		10.36	104	70	130
4-Ethyltoluene	10		11.33	113	70	130
1,3,5-Trimethylbenzene	10		11.00	110	70	130
1,2,4-Trimethylbenzene	10		11.52	115	70	130
Benzyl chloride	10		10.40	104	70	130
1,3-Dichlorobenzene	10		12.48	125	70	130
1,4-Dichlorobenzene	10		11.97	120	70	130
sec-Butylbenzene	10		10.29	103	70	130
4-Isopropyltoluene	10		10.44	104	70	130
1,2-Dichlorobenzene	10		12.17	122	70	130
n-Butylbenzene	10		11.27	113	70	130
1,2,4-Trichlorobenzene	8		9.218	115	70	130
Naphthalene	8		8.489	106	70	130
Hexachlorobutadiene	8		10.59	132 *	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS91405 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.38	104	70	130
Dichlorodifluoromethane	10		10.60	106	70	130
Chloromethane	10		9.510	95	70	130
1,2-Dichlorotetrafluoroethane	10		8.683	87	70	130
Vinyl Chloride	10		8.943	89	70	130
1,3-Butadiene	10		8.816	88	70	130
Bromomethane	10		7.935	79	70	130
Chloroethane	10		8.181	82	70	130
Ethanol	6		4.843	81	70	130
Acetone	10		7.446	74	70	130
Trichlorofluoromethane	10		6.948	69 *	70	130
Isopropylalcohol	10		7.339	73	70	130
Acrylonitrile	10		7.201	72	70	130
1,1-Dichloroethene	10		7.618	76	70	130
Methylene Chloride	10		7.451	75	70	130
Carbon Disulfide	10		7.753	78	70	130
Trichlorotrifluoroethane	10		7.213	72	70	130
Trans-1,2-Dichloroethene	10		11.33	113	70	130
1,1-Dichloroethane	10		11.43	114	70	130
Methyl tert-butyl ether(MTBE)	10		10.86	109	70	130
Methyl Ethyl Ketone	10		11.24	112	70	130
Cis-1,2-Dichloroethene	10		11.20	112	70	130
Hexane	10		11.57	116	70	130
Chloroform	10		11.40	114	70	130
Ethyl acetate	10		15.20	152 *	70	130
Tetrahydrofuran	10		11.56	116	70	130
1,2-Dichloroethane	10		11.70	117	70	130
1,1,1-Trichloroethane	10		10.78	108	70	130
Benzene	10		11.75	118	70	130
Carbon Tetrachloride	10		10.19	102	70	130
Cyclohexane	10		10.80	108	70	130
1,2-dichloropropane	10		10.60	106	70	130
Bromodichloromethane	10		10.30	103	70	130
Trichloroethene	10		9.071	91	70	130
2,2,4-trimethylpentane	10		10.08	101	70	130
1,4-Dioxane	10		9.568	96	70	130
Heptane	10		10.51	105	70	130
cis-1,3-Dichloropropene	10		10.48	105	70	130
4-Methyl-2-pentanone(MIBK)	10		10.14	101	70	130
trans-1,3-Dichloropropene	10		10.26	103	70	130
1,1,2-Trichloroethane	10		10.53	105	70	130
Toluene	10		10.68	107	70	130
Dibromochloromethane	10		9.489	95	70	130
2-Hexanone(MBK)	10		10.12	101	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

LCS - Client Id: CS91405 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.22	102	70	130
Tetrachloroethene	10		8.387	84	70	130
1,1,1,2-Tetrachloroethane	10		8.388	84	70	130
Chlorobenzene	10		9.575	96	70	130
Ethylbenzene	10		10.01	100	70	130
m,p-Xylene	20		20.30	102	70	130
Bromoform	10		7.190	72	70	130
Styrene	10		9.847	98	70	130
1,1,2,2-Tetrachloroethane	10		9.806	98	70	130
o-Xylene	10		9.925	99	70	130
Isopropylbenzene	10		9.267	93	70	130
4-Ethyltoluene	10		9.772	98	70	130
1,3,5-Trimethylbenzene	10		9.577	96	70	130
1,2,4-Trimethylbenzene	10		9.543	95	70	130
Benzyl chloride	10		8.504	85	70	130
1,3-Dichlorobenzene	10		8.521	85	70	130
1,4-Dichlorobenzene	10		8.428	84	70	130
sec-Butylbenzene	10		8.997	90	70	130
4-Isopropyltoluene	10		8.478	85	70	130
1,2-Dichlorobenzene	10		8.124	81	70	130
n-Butylbenzene	10		8.651	87	70	130
1,2,4-Trichlorobenzene	8		5.111	64 *	70	130
Naphthalene	8		6.010	75	70	130
Hexachlorobutadiene	8		4.683	59 *	70	130

FORM III AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CS90667 BLANK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_09.D Lab Sample ID: CS90667 BLK

Date Analyzed: 03/26/2025 Time Analyzed: 17:10

GC Column: RTX-1 60M Lab Batch ID: 776428

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	CS90667 LCS	CS90667 LCS	0326_08.D	16:39
02	CS90667 QC 0.5X	CS90667 0.5X	0326_11.D	18:23
03	CS90667 DUP 0.5X	CS90667 DUP 0.5X	0326_12.D	19:02
04	OA25-02	CS91410	0326_15.D	20:53
05	OA25-01	CS91411	0326_16.D	21:29
06	IA25-14A	CS91412	0326_17.D	22:05
07	IA25-06	CS91404	0326_18.D	22:41
08	IA25-17	CS91406	0326_20.D	23:59
09	IA25-08	CS91407	0326_21.D	00:36
10	IA25-03	CS91392	0326_22.D	01:13
11	IA25-10	CS91393	0326_23.D	01:51
12	IA25-11	CS91394	0326_24.D	02:28
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COMMENTS:

FORM IV AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CS90762 BLANK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_05.D Lab Sample ID: CS90762 BLK

Date Analyzed: 03/26/2025 Time Analyzed: 16:36

GC Column: RTX-1 ; #10157 Lab Batch ID: 776464

Instrument ID: CHEM39 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	CS90762 LCS	CS90762 LCS	0326_04.D	15:31
02	CS90762 QC 0.5X	CS90762 0.5X	0326_07.D	17:56
03	CS90762 DUP 0.5X	CS90762 DUP 0.5X	0326_08.D	18:39
04	IA25-12	CS91400	0326_12.D	21:55
05	IA25-16	CS91401	0326_13.D	22:35
06	IA25-05	CS91402	0326_14.D	23:14
07	IA25-13	CS91403	0326_15.D	23:54
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COMMENTS:

FORM IV AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CS90763 BLANK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_05.D Lab Sample ID: CS90763 BLK

Date Analyzed: 03/26/2025 Time Analyzed: 15:35

GC Column: RTX-1 Lab Batch ID: 776431

Instrument ID: CHEM24 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	CS90763 LCS	CS90763 LCS	0326_04.D	15:02
02	CS90763 QC 0.5X	CS90763 0.5X	0326_09.D	18:06
03	CS90763 DUP 0.5X	CS90763 DUP 0.5X	0326_10.D	18:51
04	IA25-14B	CS91408	0326_15.D	22:07
05	IA25-02	CS91409	0326_16.D	22:45
06	IA25-07	CS91397	0326_17.D	23:24
07	IA25-04	CS91399	0326_18.D	00:01
08	IA25-DUP	CS91398	0326_19.D	00:43
09	IA25-15	CS91396	0326_20.D	01:21
10	IA25-09	CS91395	0326_21.D	02:00
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COMMENTS:

FORM IV AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CS91405 BLANK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0327_05.D Lab Sample ID: CS91405 BLK

Date Analyzed: 03/27/2025 Time Analyzed: 14:34

GC Column: RTX-1 60M Lab Batch ID: 776606

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	CS91405 LCS	CS91405 LCS	0327_04.D	14:02
02	IA25-01	CS91405	0327_07.D	15:47
03	IA25-01 DUP	CS91405 DUP	0327_08.D	16:27
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COMMENTS:

FORM IV AIR

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0318_02.D BFB Injection Date: 03/18/25

Instrument ID: CHEM20 BFB Injection Time: 06:58

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

AutoFind: Scans 1069, 1070, 1071; Background Corrected with Scan 1063

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	21.8			
75	30.0 - 66.0% of mass 95	54.4			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.4			
173	Less than 2.0% of mass 174	1.3	(	1.2	)1
174	50.0 - 120.0% of mass 95	109.0			
175	4.0 - 9.0% of mass 174	7.3	(	7.9	)1
176	93.0 - 101.0% of mass 174	96.3	(	105.0	)1
177	5.0 - 9.0% of mass 176	6.6	(	6.9	)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	0.01 ppb; TO1510D	0318_05.D	03/18/25	08:56	
02	ICAL 0.02	0.02 ppb; TO1510D	0318_06.D	03/18/25	09:29	
03	ICAL 0.035	0.035 ppb; TO1510D	0318_07.D	03/18/25	10:03	
04	ICAL 0.05	0.05 ppb; TO1510D	0318_08.D	03/18/25	10:38	
05	ICAL 0.1	0.10 ppb; TO1510D	0318_09.D	03/18/25	11:11	
06	ICAL 0.2	0.20 ppb; TO1510D	0318_10.D	03/18/25	11:43	
07	ICAL 0.5	0.50 ppb; TO1510D	0318_11.D	03/18/25	12:18	
08	ICAL 2.5	2.5 ppb; TO1510C	0318_12.D	03/18/25	12:53	
09	ICAL 5	5.0 ppb; TO1510B	0318_13.D	03/18/25	13:25	
10	ICAL 25	25 ppb; TO1510B	0318_14.D	03/18/25	14:00	
11	ICAL 40	40ppb; TO1510B	0318_15.D	03/18/25	14:38	
12	ICAL 1	1ppb tune/cc; TO1510C	0318_16.D	03/18/25	15:11	
13	ICAL 10	10ppb; TO1510B	0318_17.D	03/18/25	15:44	
14	ICV_CHEM20_0318	10ppb lcs; TO1510A	0318_18.D	03/18/25	16:19	
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_02.D
Acq On : 18 Mar 2025 6:58 am
Operator :
Sample : 0/0; ITSD AIR36E
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Mar 18 16:08:59 2025

AutoFind: Scans 1069, 1070, 1071; Background Corrected with Scan 1063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	21.8	55475	PASS
75	95	30	66	54.4	138512	PASS
95	95	100	100	100.0	254549	PASS
96	95	5	9	6.4	16369	PASS
173	174	0.00	2	1.2	3210	PASS
174	95	50	120	108.8	277013	PASS
175	174	4	9	7.3	20216	PASS
176	174	93	101	96.3	266837	PASS
177	176	5	9	6.6	17555	PASS

20_AIR_0318.M Tue Mar 18 16:10:47 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_05.D BFB Injection Date: 03/26/25

Instrument ID: CHEM20 BFB Injection Time: 14:58

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

AutoFind: Scans 1068, 1069, 1070; Background Corrected with Scan 1063

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	22.0			
75	30.0 - 66.0% of mass 95	52.7			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.6			
173	Less than 2.0% of mass 174	1.2	(	1.4	)1
174	50.0 - 120.0% of mass 95	89.8			
175	4.0 - 9.0% of mass 174	8.0	(	7.1	)1
176	93.0 - 101.0% of mass 174	97.3	(	87.4	)1
177	5.0 - 9.0% of mass 176	6.4	(	5.6	)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; TO1514A	0326_05.D	03/26/25	14:58	
02	CS90667 LCS	CS90667 LCS	0326_08.D	03/26/25	16:39	
03	CS90667 BLANK	CS90667 BLANK	0326_09.D	03/26/25	17:10	
04	CS90667 QC 0.5X	CS90667 QC 0.5X	0326_11.D	03/26/25	18:23	
05	CS90667 DUP 0.5X	CS90667 DUP 0.5X	0326_12.D	03/26/25	19:02	
06	OA25-02	CS91410	0326_15.D	03/26/25	20:53	
07	OA25-01	CS91411	0326_16.D	03/26/25	21:29	
08	IA25-14A	CS91412	0326_17.D	03/26/25	22:05	
09	IA25-06	CS91404	0326_18.D	03/26/25	22:41	
10	IA25-17	CS91406	0326_20.D	03/26/25	23:59	
11	IA25-08	CS91407	0326_21.D	03/27/25	00:36	
12	IA25-03	CS91392	0326_22.D	03/27/25	01:13	
13	IA25-10	CS91393	0326_23.D	03/27/25	01:51	
14	IA25-11	CS91394	0326_24.D	03/27/25	02:28	
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Sample : 1ppb ccal; TO1514A
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Mar 18 16:08:59 2025

AutoFind: Scans 1068, 1069, 1070; Background Corrected with Scan 1063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	22.0	53819	PASS
75	95	30	66	52.7	129088	PASS
95	95	100	100	100.0	245141	PASS
96	95	5	9	6.6	16252	PASS
173	174	0.00	2	1.4	3046	PASS
174	95	50	120	89.8	220179	PASS
175	174	4	9	8.0	17506	PASS
176	174	93	101	97.3	214261	PASS
177	176	5	9	6.4	13750	PASS

20_AIR_0318.M Wed Mar 26 21:24:25 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0327_01.D BFB Injection Date: 03/27/25

Instrument ID: CHEM20 BFB Injection Time: 12:15

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

AutoFind: Scans 1068, 1069, 1070; Background Corrected with Scan 1063

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	21.2			
75	30.0 - 66.0% of mass 95	52.9			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	7.0			
173	Less than 2.0% of mass 174	0.6	(	0.7	)1
174	50.0 - 120.0% of mass 95	87.2			
175	4.0 - 9.0% of mass 174	7.5	(	6.5	)1
176	93.0 - 101.0% of mass 174	96.6	(	84.3	)1
177	5.0 - 9.0% of mass 176	6.7	(	5.6	)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	CCCAL / CCAL 1	1ppb ccal; TO1514A	0327_01.D	03/27/25	12:15	
02	CS91405 LCS	CS91405 LCS	0327_04.D	03/27/25	14:02	
03	CS91405 BLANK	CS91405 BLANK	0327_05.D	03/27/25	14:34	
04	IA25-01	CS91405	0327_07.D	03/27/25	15:47	
05	IA25-01 DUP	CS91405 DUP	0327_08.D	03/27/25	16:27	
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Sample : 1ppb ccal; TO1514A
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Mar 18 16:08:59 2025

AutoFind: Scans 1068, 1069, 1070; Background Corrected with Scan 1063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	21.2	51389	PASS
75	95	30	66	52.9	127984	PASS
95	95	100	100	100.0	242128	PASS
96	95	5	9	7.0	16835	PASS
173	174	0.00	2	0.7	1527	PASS
174	95	50	120	87.2	211093	PASS
175	174	4	9	7.5	15761	PASS
176	174	93	101	96.6	204021	PASS
177	176	5	9	6.7	13617	PASS

20_AIR_0318.M Thu Mar 27 13:16:40 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0319_01.D BFB Injection Date: 03/19/25

Instrument ID: CHEM24 BFB Injection Time: 09:57

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

AutoFind: Scans 1070, 1071, 1072; Background Corrected with Scan 1064

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	21.2			
75	30.0 - 66.0% of mass 95	47.5			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.6			
173	Less than 2.0% of mass 174	1.1	(	0.9	)1
174	50.0 - 120.0% of mass 95	114.0			
175	4.0 - 9.0% of mass 174	7.2	(	8.3	)1
176	93.0 - 101.0% of mass 174	98.2	(	112.0	)1
177	5.0 - 9.0% of mass 176	6.3	(	7.1	)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	0.01 (40cc -1); TO1511	0319_03.D	03/19/25	10:33	
02	ICAL 0.02	0.02 (80cc -1) ; TO1511	0319_04.D	03/19/25	11:08	
03	ICAL 0.035	0.035 (140cc -1) ; TO1511	0319_05.D	03/19/25	11:45	
04	ICAL 0.05	0.05 ppb ; TO1511	0319_06.D	03/19/25	12:22	
05	ICAL 0.1	0.10 ppb ; TO1511	0319_07.D	03/19/25	12:56	
06	ICAL 0.2	0.20 ppb ; TO1511	0319_08.D	03/19/25	13:32	
07	ICAL 0.5	0.50 ppb ; TO1511	0319_09.D	03/19/25	14:09	
08	ICAL 2.5	2.5 ppb ; TO1511	0319_10.D	03/19/25	14:48	
09	ICAL 5	5.0 ppb ; TO1511	0319_11.D	03/19/25	15:21	
10	ICAL 25	25 ppb ; TO1511	0319_12.D	03/19/25	15:59	
11	ICAL 40	40 ppb ; TO1511	0319_13.D	03/19/25	16:41	
12	ICAL 1	1ppb ; TO1509 ; AIR36	0319_14.D	03/19/25	17:18	
13	ICAL 10	10ppb ; TO1509 ; AIR36	0319_15.D	03/19/25	17:54	
14	ICV_CHEM24_0319	10ppb lcs ; TO1511	0319_16.D	03/19/25	18:31	
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_01.D
Acq On : 19 Mar 2025 9:57 am
Operator : Keith
Sample : 0/0 ; ITSD Air39
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 19 14:04:38 2025

AutoFind: Scans 1070, 1071, 1072; Background Corrected with Scan 1064

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	21.2	62651	PASS
75	95	30	66	47.5	140373	PASS
95	95	100	100	100.0	295829	PASS
96	95	5	9	6.6	19576	PASS
173	174	0.00	2	0.9	3200	PASS
174	95	50	120	114.4	338539	PASS
175	174	4	9	7.2	24421	PASS
176	174	93	101	98.2	332565	PASS
177	176	5	9	6.3	21024	PASS

24_AIR_0319.M Wed Mar 19 14:05:11 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_02.D BFB Injection Date: 03/26/25

Instrument ID: CHEM24 BFB Injection Time: 13:47

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

AutoFind: Scans 1070, 1071, 1072; Background Corrected with Scan 1063

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	20.8			
75	30.0 - 66.0% of mass 95	47.6			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.4			
173	Less than 2.0% of mass 174	0.8	(	0.7	)1
174	50.0 - 120.0% of mass 95	119.0			
175	4.0 - 9.0% of mass 174	7.4	(	8.8	)1
176	93.0 - 101.0% of mass 174	99.3	(	118.0	)1
177	5.0 - 9.0% of mass 176	6.5	(	7.7	)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	CCAL 1	1ppb ccal; TO1513X	0326_02.D	03/26/25	13:47	
02	CS90763 LCS	CS90763 LCS	0326_04.D	03/26/25	15:02	
03	CS90763 BLANK	CS90763 BLANK	0326_05.D	03/26/25	15:35	
04	CS90763 QC 0.5X	CS90763 QC 0.5X	0326_09.D	03/26/25	18:06	
05	CS90763 DUP 0.5X	CS90763 DUP 0.5X	0326_10.D	03/26/25	18:51	
06	IA25-14B	CS91408	0326_15.D	03/26/25	22:07	
07	IA25-02	CS91409	0326_16.D	03/26/25	22:45	
08	IA25-07	CS91397	0326_17.D	03/26/25	23:24	
09	IA25-04	CS91399	0326_18.D	03/27/25	00:01	
10	IA25-DUP	CS91398	0326_19.D	03/27/25	00:43	
11	IA25-15	CS91396	0326_20.D	03/27/25	01:21	
12	IA25-09	CS91395	0326_21.D	03/27/25	02:00	
13	CCCAL 1	1ppb ccal; TO1513X	0327_01.D	03/27/25	12:38	
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25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : C:\AIR2025\Chem24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Sample : 1ppb ccal; TO1513X
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Title : VOA Standards for 5 point calibration
Last Update : Thu Mar 20 07:17:30 2025

AutoFind: Scans 1070, 1071, 1072; Background Corrected with Scan 1063

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.8	58541	PASS
75	95	30	66	47.6	133928	PASS
95	95	100	100	100.0	281173	PASS
96	95	5	9	6.4	17954	PASS
173	174	0.00	2	0.7	2306	PASS
174	95	50	120	119.3	335403	PASS
175	174	4	9	7.4	24776	PASS
176	174	93	101	99.3	332971	PASS
177	176	5	9	6.5	21661	PASS

24_AIR_0319.M Wed Mar 26 14:35:18 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0325_11.D BFB Injection Date: 03/25/25

Instrument ID: CHEM39 BFB Injection Time: 15:30

GC Column: RTX-1 ; #10157 Heated Purge: (Y/N) Y

AutoFind: Scans 1095, 1096, 1097; Background Corrected with Scan 1089

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	21.7			
75	30.0 - 66.0% of mass 95	48.9			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.6			
173	Less than 2.0% of mass 174	0.6	(	0.7	)1
174	50.0 - 120.0% of mass 95	77.4			
175	4.0 - 9.0% of mass 174	7.4	(	5.7	)1
176	93.0 - 101.0% of mass 174	98.8	(	76.5	)1
177	5.0 - 9.0% of mass 176	6.6	(	5.1	)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	0325_12.D	03/25/25	16:07	
02	ICAL 0.02	0.02 ppbv	0325_13.D	03/25/25	16:45	
03	ICAL 0.035	0.035 ppbv	0325_14.D	03/25/25	17:23	
04	ICAL 0.05	0.05 ppbv	0325_15.D	03/25/25	18:03	
05	ICAL 0.1	0.10 ppbv	0325_16.D	03/25/25	18:40	
06	ICAL 0.2	0.20 ppbv	0325_17.D	03/25/25	19:17	
07	ICAL 0.5	0.5 ppbv	0325_18.D	03/25/25	19:56	
08	ICAL 2.5	2.5 ppbv	0325_19.D	03/25/25	20:35	
09	ICAL 5	5.0 ppbv	0325_20.D	03/25/25	21:12	
10	ICAL 25	25 ppbv	0325_21.D	03/25/25	21:51	
11	ICAL 40	40 ppbv	0325_22.D	03/25/25	22:33	
12	ICAL 1	1.0 ppbv	0325_23.D	03/25/25	23:10	
13	ICAL 10	10.0 ppbv	0325_24.D	03/25/25	23:48	
14	ICV_CHEM39_0325	10 ppbv LCs	0325_25.D	03/26/25	00:27	
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(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_11.D
Acq On : 25 Mar 2025 3:30 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:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Title : VOA Standards for 5 point calibration
Last Update : Fri Mar 21 07:09:18 2025

AutoFind: Scans 1095, 1096, 1097; Background Corrected with Scan 1089

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	21.7	83841	PASS
75	95	30	66	48.9	189133	PASS
95	95	100	100	100.0	386389	PASS
96	95	5	9	6.6	25496	PASS
173	174	0.00	2	0.7	2136	PASS
174	95	50	120	77.4	299115	PASS
175	174	4	9	7.4	22176	PASS
176	174	93	101	98.8	295595	PASS
177	176	5	9	6.6	19531	PASS

39_AIR_0325.M Wed Mar 26 08:31:45 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Lab File ID: 0326_02.D BFB Injection Date: 03/26/25

Instrument ID: CHEM39 BFB Injection Time: 13:47

GC Column: RTX-1 ; #10157 Heated Purge: (Y/N) Y

AutoFind: Scans 1095, 1096, 1097; Background Corrected with Scan 1089

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	22.2			
75	30.0 - 66.0% of mass 95	48.9			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.5			
173	Less than 2.0% of mass 174	0.5	(	0.7	)1
174	50.0 - 120.0% of mass 95	78.1			
175	4.0 - 9.0% of mass 174	7.5	(	5.8	)1
176	93.0 - 101.0% of mass 174	98.6	(	77.0	)1
177	5.0 - 9.0% of mass 176	6.7	(	5.1	)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; TO1514A	0326_02.D	03/26/25	13:47	
02	CS90762 LCS	CS90762 LCS	0326_04.D	03/26/25	15:31	
03	CS90762 BLANK	CS90762 BLANK	0326_05.D	03/26/25	16:36	
04	CS90762 QC 0.5X	CS90762 QC 0.5X	0326_07.D	03/26/25	17:56	
05	CS90762 DUP 0.5X	CS90762 DUP 0.5X	0326_08.D	03/26/25	18:39	
06	IA25-12	CS91400	0326_12.D	03/26/25	21:55	
07	IA25-16	CS91401	0326_13.D	03/26/25	22:35	
08	IA25-05	CS91402	0326_14.D	03/26/25	23:14	
09	IA25-13	CS91403	0326_15.D	03/26/25	23:54	
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25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Sample : 1ppb cCal; TO1514A
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 26 08:41:21 2025

AutoFind: Scans 1095, 1096, 1097; Background Corrected with Scan 1089

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.2	86232	PASS
75	95	30	66	48.9	189888	PASS
95	95	100	100	100.0	387925	PASS
96	95	5	9	6.5	25341	PASS
173	174	0.00	2	0.7	2085	PASS
174	95	50	120	78.1	302805	PASS
175	174	4	9	7.5	22569	PASS
176	174	93	101	98.6	298603	PASS
177	176	5	9	6.7	19895	PASS

39_AIR_0325.M Thu Mar 27 05:48:39 2025

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / Average Date Analyzed: 03/18/25

Instrument ID: CHEM20 Time Analyzed: 15:11

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	163447	7.03	533795	8.19	305408	10.67			Average
	UPPER LIMIT	229643	7.36	749982	8.52	429099	11.00			Average
	LOWER LIMIT	97251	6.70	317608	7.86	181718	10.34			Average
	CLIENT ID									
01	ICAL 0.2	155273	7.03	549177	8.19	249228	10.67			0318_10.D
02	ICAL 0.5	157535	7.03	543918	8.19	255907	10.67			0318_11.D
03	ICAL 2.5	152756	7.03	522734	8.19	255571	10.67			0318_12.D
04	ICAL 5	151961	7.03	522029	8.19	266193	10.67			0318_13.D
05	ICAL 25	174080	7.03	512323	8.19	372624	10.67			0318_14.D
06	ICAL 40	199688	7.03	543172	8.19	497277 *	10.67			0318_15.D
07	ICAL 1	157472	7.03	550952	8.19	259639	10.67			0318_16.D
08	ICAL 10	158812	7.03	526055	8.19	286827	10.67			0318_17.D
09	ICV_CHEM20_0318	162750	7.03	536570	8.19	298179	10.67			0318_18.D
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

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: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / Average Date Analyzed: 03/18/25

Instrument ID: CHEM20 Time Analyzed: 15:11

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	182493		7.03		568243		8.19		272123		10.67				Average
	UPPER LIMIT	256403		7.36		798381		8.52		382333		11.00				Average
	LOWER LIMIT	108583		6.70		338104		7.86		161913		10.34				Average
	CLIENT ID															
01	ICAL 0.01	207552		7.04		647866		8.19		306344		10.67				0318_05.D
02	ICAL 0.02	200528		7.04		623850		8.19		293921		10.67				0318_06.D
03	ICAL 0.035	191955		7.03		596560		8.19		279065		10.67				0318_07.D
04	ICAL 0.05	188691		7.03		592437		8.19		273839		10.67				0318_08.D
05	ICAL 0.1	182792		7.03		575090		8.19		266818		10.67				0318_09.D
06	ICAL 0.2	173950		7.03		549177		8.19		249228		10.67				0318_10.D
07	ICAL 0.5	173086		7.03		543918		8.19		255907		10.67				0318_11.D
08	ICAL 2.5	168335		7.03		522734		8.19		255571		10.67				0318_12.D
09	ICAL 5	170053		7.03		522029		8.19		266193		10.67				0318_13.D
10	ICAL 1	173867		7.03		550952		8.19		259639		10.67				0318_16.D
11	ICAL 10	176615		7.03		526055		8.19		286827		10.67				0318_17.D
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

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
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / 0326_05.D Date Analyzed: 03/26/25

Instrument ID: CHEM20 Time Analyzed: 14:58

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	179057		7.03		649346		8.18		319468		10.67				0326_05.D
	UPPER LIMIT	251575		7.36		912331		8.51		448853		11.00				0326_05.D
	LOWER LIMIT	106539		6.70		386361		7.85		190083		10.34				0326_05.D
	CLIENT ID															
01	CCAL 1	179057		7.03		649346		8.18		319468		10.67				0326_05.D
02	CS90667 LCS	199075		7.03		679697		8.18		403310		10.67				0326_08.D
03	CS90667 BLANK	209749		7.03		737032		8.18		349644		10.67				0326_09.D
04	CS90667 QC 0.5X	185548		7.03		671785		8.19		341617		10.67				0326_11.D
05	CS90667 DUP 0.5X	182966		7.03		660385		8.19		339312		10.67				0326_12.D
06	OA25-02	182550		7.03		663613		8.19		344677		10.67				0326_15.D
07	OA25-01	177191		7.03		654684		8.19		356058		10.67				0326_16.D
08	IA25-14A	177574		7.03		633595		8.19		321736		10.67				0326_17.D
09	IA25-06	177343		7.03		629411		8.19		327775		10.67				0326_18.D
10	IA25-17	179496		7.03		656349		8.19		347007		10.67				0326_20.D
11	IA25-08	173949		7.03		639617		8.19		324836		10.67				0326_21.D
12	IA25-03	172838		7.03		622742		8.18		354237		10.67				0326_22.D
13	IA25-10	165511		7.03		580730		8.19		267123		10.67				0326_23.D
14	IA25-11	166788		7.03		595833		8.19		278741		10.67				0326_24.D
15																
16																
17																
18																
19																
20																
21																
22																

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: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / 0326_05.D Date Analyzed: 03/26/25

Instrument ID: CHEM20 Time Analyzed: 14:58

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	204152		7.03		649346		8.18		319468		10.67				0326_05.D
UPPER LIMIT	286834		7.36		912331		8.51		448853		11.00				0326_05.D
LOWER LIMIT	121470		6.70		386361		7.85		190083		10.34				0326_05.D
CLIENT ID															
01 CCAL 1	204152		7.03		649346		8.18		319468		10.67				0326_05.D
02 CS90667 LCS	228173		7.03		679697		8.18		403109		10.67				0326_08.D
03 CS90667 BLANK	233245		7.03		737197		8.18		349927		10.67				0326_09.D
04 CS90667 QC 0.5X	210782		7.04		671785		8.19		341821		10.67				0326_11.D
05 CS90667 DUP 0.5X	208334		7.04		660385		8.19		339312		10.67				0326_12.D
06 OA25-02	206108		7.03		663613		8.19		344677		10.67				0326_15.D
07 OA25-01	201963		7.03		654684		8.19		356058		10.67				0326_16.D
08 IA25-14A	197846		7.03		633595		8.19		321736		10.67				0326_17.D
09 IA25-06	197971		7.03		630709		8.19		327775		10.67				0326_18.D
10 IA25-17	206693		7.03		656349		8.19		346777		10.67				0326_20.D
11 IA25-08	201421		7.03		639617		8.19		324836		10.67				0326_21.D
12 IA25-03	196397		7.03		622948		8.18		354237		10.67				0326_22.D
13 IA25-10	186543		7.03		580730		8.19		267123		10.67				0326_23.D
14 IA25-11	191105		7.03		595833		8.19		278741		10.67				0326_24.D
15															
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19															
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22															

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
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / 0327_01.D Date Analyzed: 03/27/25

Instrument ID: CHEM20 Time Analyzed: 12:15

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	178882		7.03		641419		8.18		322261		10.67				0327_01.D
	UPPER LIMIT	251329		7.36		901194		8.51		452777		11.00				0327_01.D
	LOWER LIMIT	106435		6.70		381644		7.85		191745		10.34				0327_01.D
	CLIENT ID															
01	CCCAL / CCAL 1	178882		7.03		641419		8.18		322261		10.67				0327_01.D
02	CS91405 LCS	194305		7.03		691899		8.19		405719		10.67				0327_04.D
03	CS91405 BLANK	208032		7.03		750789		8.18		366715		10.67				0327_05.D
04	IA25-01	188576		7.03		686430		8.18		384663		10.67				0327_07.D
05	IA25-01 DUP	190087		7.03		695338		8.19		390810		10.67				0327_08.D
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* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 20_AIR_0318.M / 0327_01.D Date Analyzed: 03/27/25

Instrument ID: CHEM20 Time Analyzed: 12:15

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	204460		7.03		641419		8.18		322261		10.67				0327_01.D
UPPER LIMIT	287266		7.36		901194		8.51		452777		11.00				0327_01.D
LOWER LIMIT	121654		6.70		381644		7.85		191745		10.34				0327_01.D
CLIENT ID															
01 CCCAL / CCAL 1	204460		7.03		641419		8.18		322261		10.67				0327_01.D
02 CS91405 LCS	231673		7.03		691899		8.19		405719		10.67				0327_04.D
03 CS91405 BLANK	238697		7.03		750791		8.18		366715		10.67				0327_05.D
04 IA25-01	219111		7.03		686434		8.18		384663		10.67				0327_07.D
05 IA25-01 DUP	218311		7.03		695338		8.19		390810		10.67				0327_08.D
06															
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IS1 (BCM) = Bromochloromethane
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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
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 24_AIR_0319.M / Average Date Analyzed: 03/19/25

Instrument ID: CHEM24 Time Analyzed: 17:18

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	275534		7.51		961613		8.67		482548		11.15				Average
	UPPER LIMIT	387125		7.84		1351067		9.00		677979		11.48				Average
	LOWER LIMIT	163943		7.18		572160		8.34		287116		10.82				Average
	CLIENT ID															
01	ICAL 0.2	289864		7.51		993879		8.67		463119		11.15				0319_08.D
02	ICAL 0.5	291769		7.52		998398		8.67		465500		11.15				0319_09.D
03	ICAL 2.5	282948		7.52		972816		8.67		457485		11.15				0319_10.D
04	ICAL 5	279196		7.51		975614		8.67		474277		11.15				0319_11.D
05	ICAL 25	266174		7.52		943661		8.67		526299		11.15				0319_12.D
06	ICAL 40	252422		7.52		907214		8.67		549548		11.15				0319_13.D
07	ICAL 1	279410		7.51		970858		8.67		453806		11.15				0319_14.D
08	ICAL 10	262487		7.51		930466		8.67		470347		11.15				0319_15.D
09	ICV_CHEM24_0319	253089		7.52		908135		8.67		455009		11.15				0319_16.D
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IS1 (BCM) = Bromochloromethane
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AREA UPPER LIMIT = +140% of internal standard area
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RT LOWER LIMIT = -0.33 minutes of internal standard RT

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* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 24_AIR_0319.M / Average Date Analyzed: 03/19/25

Instrument ID: CHEM24 Time Analyzed: 17:18

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	289456		7.51		989998		8.67		467622		11.15				Average
	UPPER LIMIT	406686		7.84		1390948		9.00		657009		11.48				Average
	LOWER LIMIT	172227		7.18		589049		8.34		278235		10.82				Average
	CLIENT ID															
01	ICAL 0.01	296321		7.51		1016952		8.68		475063		11.15				0319_03.D
02	ICAL 0.02	304275		7.51		1031038		8.67		487274		11.15				0319_04.D
03	ICAL 0.035	302501		7.51		1023757		8.67		481710		11.15				0319_05.D
04	ICAL 0.05	288446		7.51		969838		8.68		449483		11.15				0319_06.D
05	ICAL 0.1	295998		7.51		1006365		8.67		465782		11.15				0319_07.D
06	ICAL 0.2	294579		7.51		993879		8.67		463119		11.15				0319_08.D
07	ICAL 0.5	292982		7.51		998398		8.67		465500		11.15				0319_09.D
08	ICAL 2.5	282371		7.51		972816		8.67		457485		11.15				0319_10.D
09	ICAL 5	281762		7.51		975614		8.67		474277		11.15				0319_11.D
10	ICAL 1	281525		7.51		970858		8.67		453806		11.15				0319_14.D
11	ICAL 10	263261		7.51		930466		8.67		470347		11.15				0319_15.D
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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: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 24_AIR_0319.M / 0326_02.D Date Analyzed: 03/26/25

Instrument ID: CHEM24 Time Analyzed: 13:47

GC Column: RTX-1 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	247248		7.51		847456		8.67		394814		11.15				0326_02.D
	UPPER LIMIT	347383		7.84		1190676		9.00		554714		11.48				0326_02.D
	LOWER LIMIT	147113		7.18		504236		8.34		234914		10.82				0326_02.D
	CLIENT ID															
01	CCAL 1	247248		7.51		847456		8.67		394814		11.15				0326_02.D
02	CS90763 LCS	227816		7.51		794844		8.67		393240		11.15				0326_04.D
03	CS90763 BLANK	246277		7.51		829429		8.67		386814		11.14				0326_05.D
04	CS90763 QC 0.5X	225015		7.51		788474		8.67		363882		11.15				0326_09.D
05	CS90763 DUP 0.5X	211461		7.51		717066		8.67		326291		11.15				0326_10.D
06	IA25-14B	216812		7.51		759787		8.68		362462		11.15				0326_15.D
07	IA25-02	223666		7.51		763806		8.67		401851		11.15				0326_16.D
08	IA25-07	221795		7.51		760733		8.67		365970		11.15				0326_17.D
09	IA25-04	225010		7.51		768255		8.68		413270		11.15				0326_18.D
10	IA25-DUP	232524		7.51		810895		8.67		380653		11.15				0326_19.D
11	IA25-15	210748		7.51		729809		8.68		360202		11.15				0326_20.D
12	IA25-09	222663		7.51		757290		8.67		369669		11.15				0326_21.D
13	CCCAL 1	235920		7.51		808850		8.67		375498		11.14				0327_01.D
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IS1 (BCM) = Bromochloromethane
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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 24_AIR_0319.M / 0326_02.D Date Analyzed: 03/26/25

Instrument ID: CHEM24 Time Analyzed: 13:47

GC Column: RTX-1 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	249328		7.51		847456		8.67		394814		11.15				0326_02.D
	UPPER LIMIT	350306		7.84		1190676		9.00		554714		11.48				0326_02.D
	LOWER LIMIT	148350		7.18		504236		8.34		234914		10.82				0326_02.D
	CLIENT ID															
01	CCAL 1	249328		7.51		847456		8.67		394814		11.15				0326_02.D
02	CS90763 LCS	227492		7.51		794844		8.67		393240		11.15				0326_04.D
03	CS90763 BLANK	247709		7.51		829429		8.67		386814		11.14				0326_05.D
04	CS90763 QC 0.5X	227988		7.51		788474		8.67		364320		11.15				0326_09.D
05	CS90763 DUP 0.5X	211786		7.51		717066		8.67		326291		11.15				0326_10.D
06	IA25-14B	221587		7.51		759787		8.68		362462		11.15				0326_15.D
07	IA25-02	224140		7.51		763806		8.67		401851		11.15				0326_16.D
08	IA25-07	222345		7.51		760733		8.67		365970		11.15				0326_17.D
09	IA25-04	225617		7.51		768255		8.68		413270		11.15				0326_18.D
10	IA25-DUP	235538		7.51		810895		8.67		380808		11.15				0326_19.D
11	IA25-15	211850		7.51		729809		8.68		360202		11.15				0326_20.D
12	IA25-09	222425		7.51		757290		8.67		369879		11.15				0326_21.D
13	CCCAL 1	238862		7.51		808850		8.67		375498		11.14				0327_01.D
14																
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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 39_AIR_0325.M / Average Date Analyzed: 03/25/25

Instrument ID: CHEM39 Time Analyzed: 23:10

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	255346		7.33		948581		8.52		522196		11.01				Average
	UPPER LIMIT	358761		7.66		1332756		8.85		733685		11.34				Average
	LOWER LIMIT	151931		7.00		564405		8.19		310706		10.68				Average
	CLIENT ID															
01	ICAL 0.2	259159		7.33		976052		8.52		506816		11.02				0325_17.D
02	ICAL 0.5	262954		7.33		980156		8.52		508654		11.01				0325_18.D
03	ICAL 2.5	259174		7.33		962432		8.52		505431		11.02				0325_19.D
04	ICAL 5	255010		7.34		951645		8.52		507932		11.02				0325_20.D
05	ICAL 25	258305		7.33		954675		8.52		573083		11.02				0325_21.D
06	ICAL 40	259067		7.34		953782		8.52		612687		11.02				0325_22.D
07	ICAL 1	244621		7.33		907015		8.52		470565		11.02				0325_23.D
08	ICAL 10	244477		7.34		902888		8.52		492396		11.02				0325_24.D
09	ICV_CHEM39_0325	242476		7.33		904195		8.52		492829		11.02				0325_25.D
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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 39_AIR_0325.M / Average Date Analyzed: 03/25/25

Instrument ID: CHEM39 Time Analyzed: 23:10

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	257217		7.34		963775		8.52		504413		11.01				Average
	UPPER LIMIT	361389		7.67		1354104		8.85		708700		11.34				Average
	LOWER LIMIT	153044		7.01		573446		8.19		300125		10.68				Average
	CLIENT ID															
01	ICAL 0.01	263255		7.33		989191		8.52		515379		11.02				0325_12.D
02	ICAL 0.02	264562		7.34		991727		8.52		514982		11.02				0325_13.D
03	ICAL 0.035	259725		7.33		972095		8.52		507418		11.02				0325_14.D
04	ICAL 0.05	261619		7.33		979038		8.52		509987		11.02				0325_15.D
05	ICAL 0.1	262313		7.34		989533		8.52		508978		11.02				0325_16.D
06	ICAL 0.2	260988		7.33		975808		8.52		506816		11.02				0325_17.D
07	ICAL 0.5	260998		7.34		980156		8.52		508654		11.01				0325_18.D
08	ICAL 2.5	256472		7.33		962432		8.52		505431		11.02				0325_19.D
09	ICAL 5	254173		7.33		951645		8.52		507932		11.02				0325_20.D
10	ICAL 1	242896		7.33		907015		8.52		470565		11.02				0325_23.D
11	ICAL 10	242382		7.33		902888		8.52		492396		11.02				0325_24.D
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IS1 (BCM) = Bromochloromethane
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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 39_AIR_0325.M / 0326_02.D Date Analyzed: 03/26/25

Instrument ID: CHEM39 Time Analyzed: 13:47

GC Column: RTX-1 ; #101 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	252388		7.33		943554		8.52		490389		11.01				0326_02.D
	UPPER LIMIT	354605		7.66		1325693		8.85		688997		11.34				0326_02.D
	LOWER LIMIT	150171		7.00		561415		8.19		291781		10.68				0326_02.D
	CLIENT ID															
01	CCAL 1	252388		7.33		943554		8.52		490389		11.01				0326_02.D
02	CS90762 LCS	248349		7.33		919114		8.52		507133		11.02				0326_04.D
03	CS90762 BLANK	247545		7.33		920171		8.52		467197		11.01				0326_05.D
04	CS90762 QC 0.5X	247115		7.33		905549		8.52		468112		11.02				0326_07.D
05	CS90762 DUP 0.5X	241223		7.33		891116		8.52		462716		11.02				0326_08.D
06	IA25-12	237803		7.33		887742		8.52		463009		11.01				0326_12.D
07	IA25-16	234548		7.33		872424		8.52		476744		11.01				0326_13.D
08	IA25-05	232673		7.33		875967		8.52		468459		11.01				0326_14.D
09	IA25-13	231507		7.33		858089		8.52		449940		11.01				0326_15.D
10																
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21																
22																

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: ROCKENVIRO

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS91392

Lab Method / File Id: 39_AIR_0325.M / 0326_02.D Date Analyzed: 03/26/25

Instrument ID: CHEM39 Time Analyzed: 13:47

GC Column: RTX-1 ; #101 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	252727		7.33		943554		8.52		490389		11.01				0326_02.D
	UPPER LIMIT	355081		7.66		1325693		8.85		688997		11.34				0326_02.D
	LOWER LIMIT	150373		7.00		561415		8.19		291781		10.68				0326_02.D
	CLIENT ID															
01	CCAL 1	252727		7.33		943554		8.52		490389		11.01				0326_02.D
02	CS90762 LCS	248646		7.33		919114		8.52		507133		11.02				0326_04.D
03	CS90762 BLANK	245982		7.34		920171		8.52		467197		11.01				0326_05.D
04	CS90762 QC 0.5X	244510		7.33		905549		8.52		468112		11.02				0326_07.D
05	CS90762 DUP 0.5X	242399		7.33		891116		8.52		462716		11.02				0326_08.D
06	IA25-12	240605		7.33		887742		8.52		463009		11.01				0326_12.D
07	IA25-16	237513		7.33		872424		8.52		476744		11.01				0326_13.D
08	IA25-05	238146		7.33		875967		8.52		468459		11.01				0326_14.D
09	IA25-13	234363		7.33		858008		8.52		449940		11.01				0326_15.D
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

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

CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-03

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91392

Canister: 21362 Lab File ID: 0326_22.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.512		0.202	0.202	r
74-87-3	Chloromethane	0.573		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	15.8	S	0.531	0.531	r
67-64-1	Acetone	5.15	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.86	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	8.91		0.339	0.339	r
110-54-3	Hexane	1.36	S	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
71-43-2	Benzene	0.898		0.313	0.313	r
110-82-7	Cyclohexane	1.30		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.440		0.215	0.215	r
142-82-5	Heptane	2.24		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	3.20		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.469		0.037	0.037	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
100-41-4	Ethylbenzene	1.21		0.230	0.230	r
179601-23-1	m,p-Xylene	3.61		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.40		0.230	0.230	r
98-82-8	Isopropylbenzene	0.239		0.204	0.204	r
622-96-8	4-Ethyltoluene	1.87		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.537		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.37		0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	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

IA25-03

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91392

Canister: 21362 Lab File ID: 0326_22.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.070		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_22.D
Acq On : 27 Mar 2025 1:13 am
Operator :
Client ID : IA25-03
Lab ID : CS91392
ALS Vial : 14 Sample Multiplier: 1

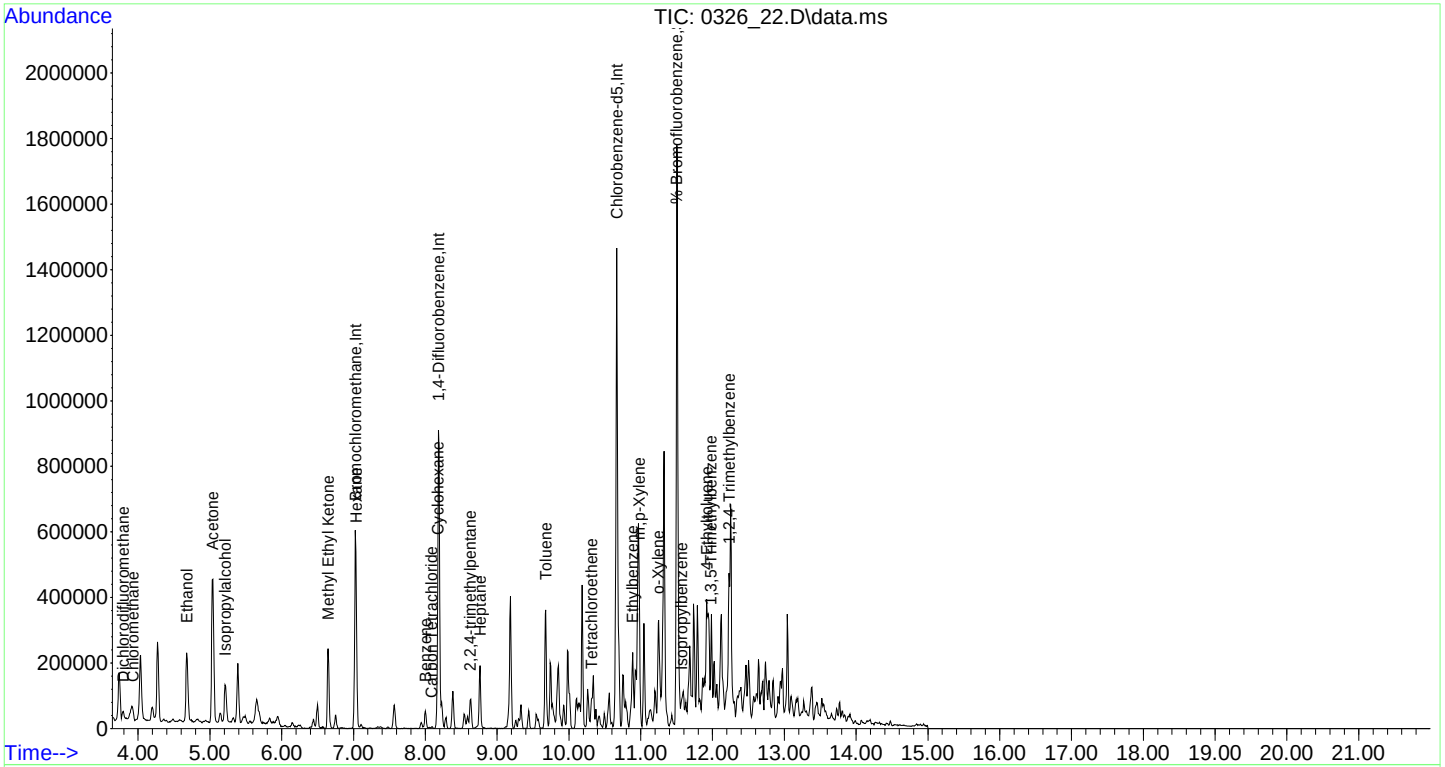
Quant Time: Mar 27 05:29:33 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

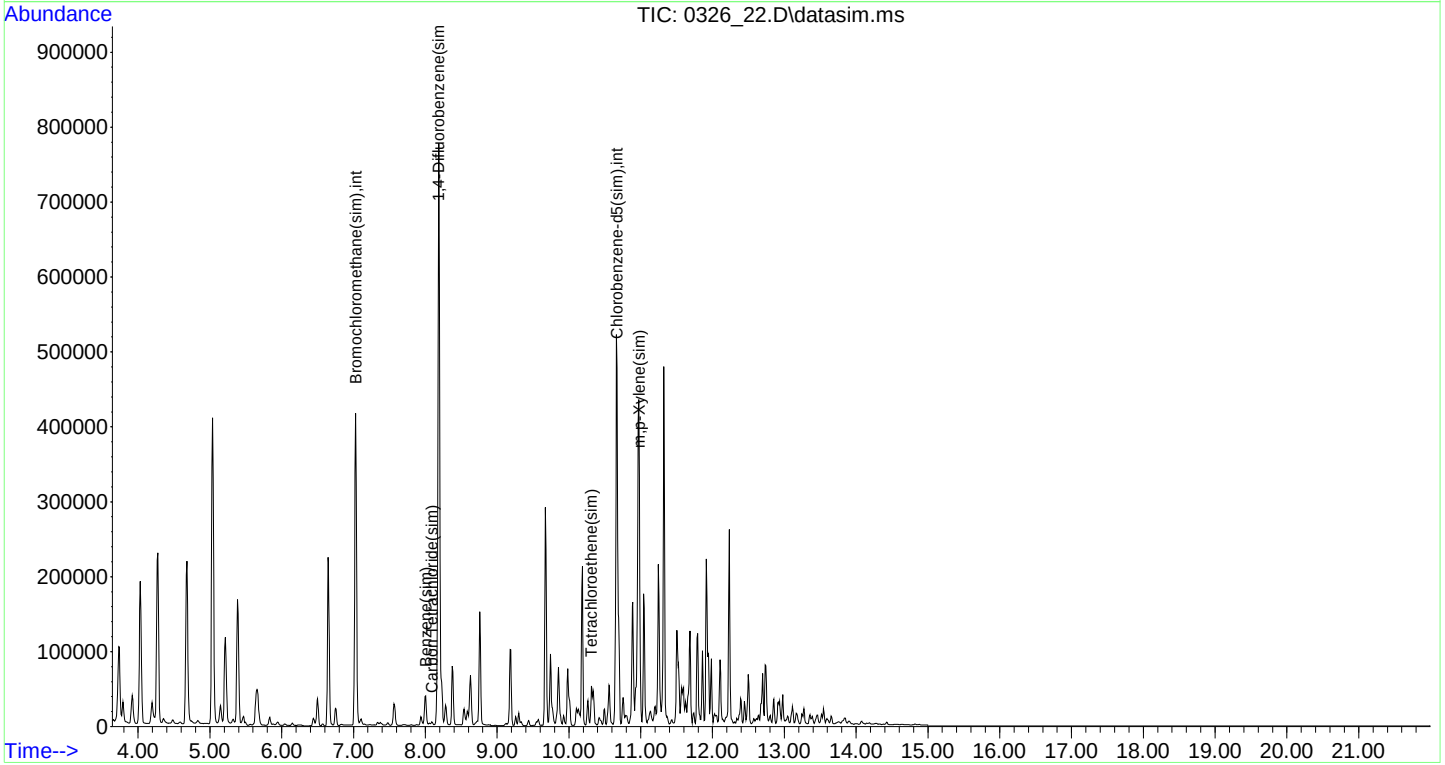
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	172838	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	622742	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	354237	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	196397	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	622948	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	354237	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	404913	10.385	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	27325	0.512	ppbv		99
4) Chloromethane	3.930	50	16569	0.573	ppbv		97
11) Ethanol	4.676	45	245218	15.795	ppbv#		39
12) Acetone	5.033	43	354527	5.148	ppbv#		82
14) Isopropylalcohol	5.212	45	138762	1.861	ppbv#		93
25) Methyl Ethyl Ketone	6.648	43	260514	8.906	ppbv#		92
27) Hexane	7.034	57	28030	1.362	ppbv		93
33) Benzene	8.002	78	39061	0.898	ppbv		96
34) Carbon Tetrachloride	8.088	117	2275	0.061	ppbv		84
35) Cyclohexane	8.175	84	23842	1.302	ppbv		92
40) 2,2,4-trimethylpentane	8.625	57	34803	0.440	ppbv#		58
43) Heptane	8.763	43	64330	2.236	ppbv		96
48) Toluene	9.677	91	207767	3.198	ppbv		96
52) Tetrachloroethene	10.318	166	18196	0.469	ppbv		98
56) Ethylbenzene	10.887	91	103843	1.208	ppbv		84
57) m,p-Xylene	10.978	91	240751	3.606	ppbv		100
61) o-Xylene	11.243	91	102368	1.395	ppbv		90
64) Isopropylbenzene	11.569	105	24231	0.239	ppbv#		92
65) 4-Ethyltoluene	11.919	105	192186	1.868	ppbv		92
66) 1,3,5-Trimethylbenzene	11.979	105	44637	0.537	ppbv#		89
67) 1,2,4-Trimethylbenzene	12.230	105	135480	1.365	ppbv#		86
85] Benzene(sim)	8.002	78	39061	0.789	ppbv		96
86] Carbon Tetrachloride(sim)	8.091	117	2760	0.070	ppbv		98
102] Tetrachloroethene(sim)	10.314	166	20897	0.533	ppbv		93
105] m,p-Xylene(sim)	10.978	91	243543	3.406	ppbv#		87

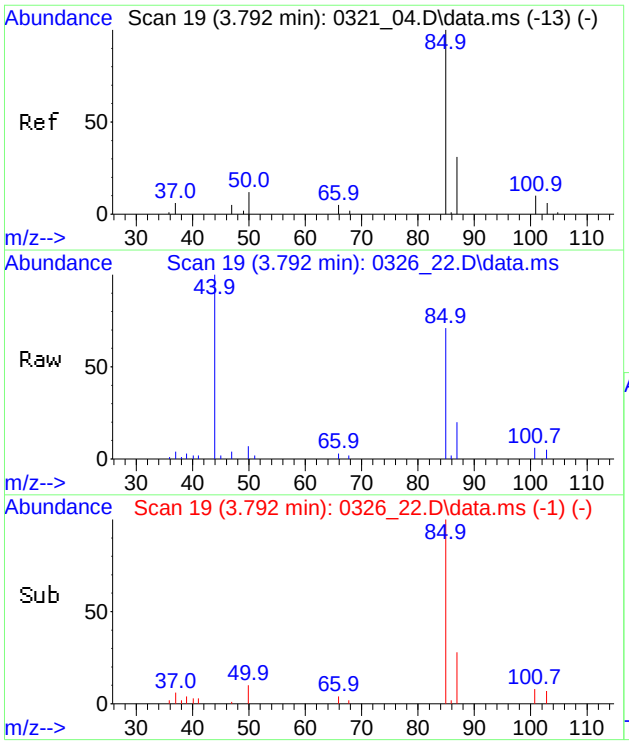
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_22.D
Acq On : 27 Mar 2025 1:13 am
Operator :
Client ID : IA25-03
Lab ID : CS91392
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 27 05:29:33 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



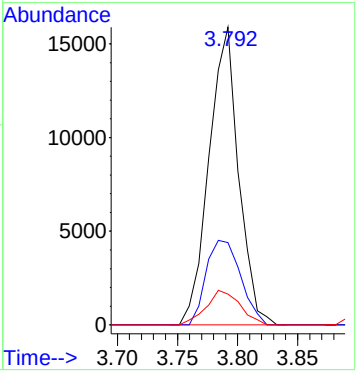


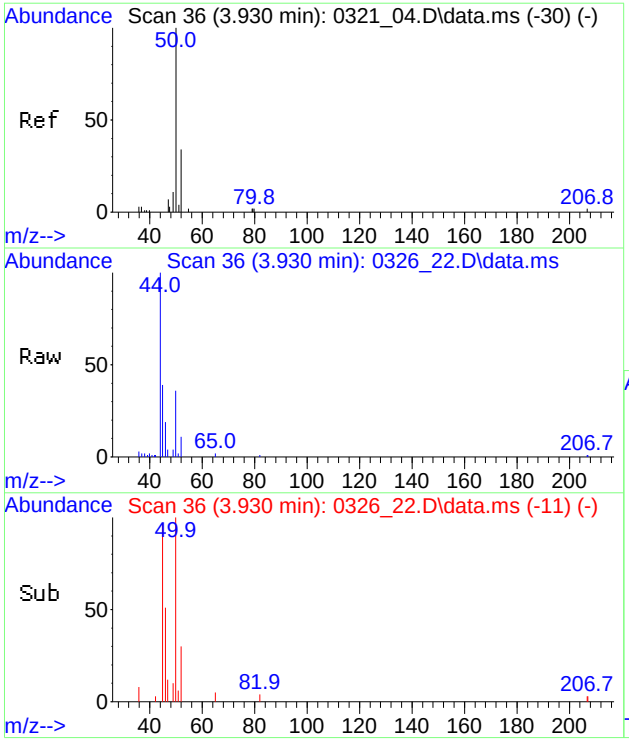


#3
Dichlorodifluoromethane
Conc: 8$ 0.512 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 85 Resp: 27325

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.8	38.8
50	13.2	10.6	15.8

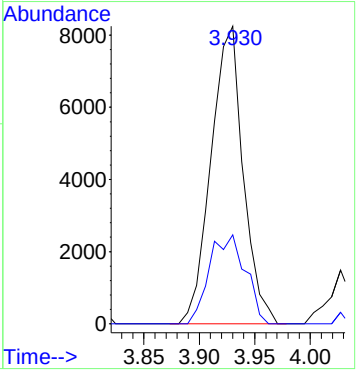


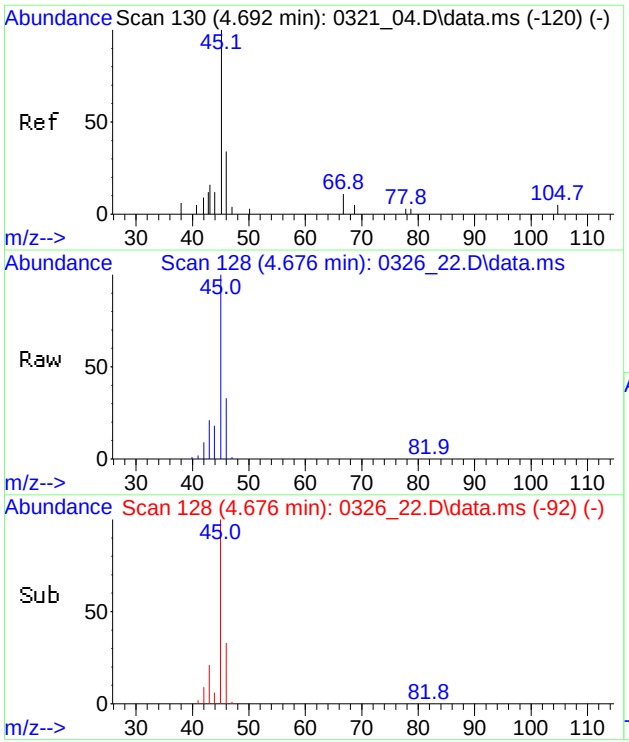


#4
Chloromethane
Conc: 8$ 0.573 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 50 Resp: 16569

Ion	Ratio	Lower	Upper
50	100		
52	33.5	15.5	55.5

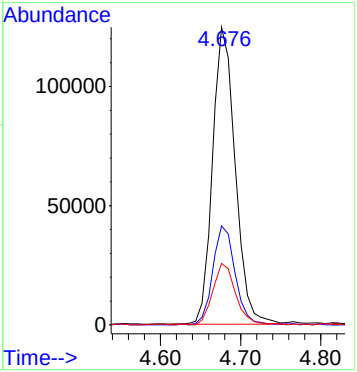


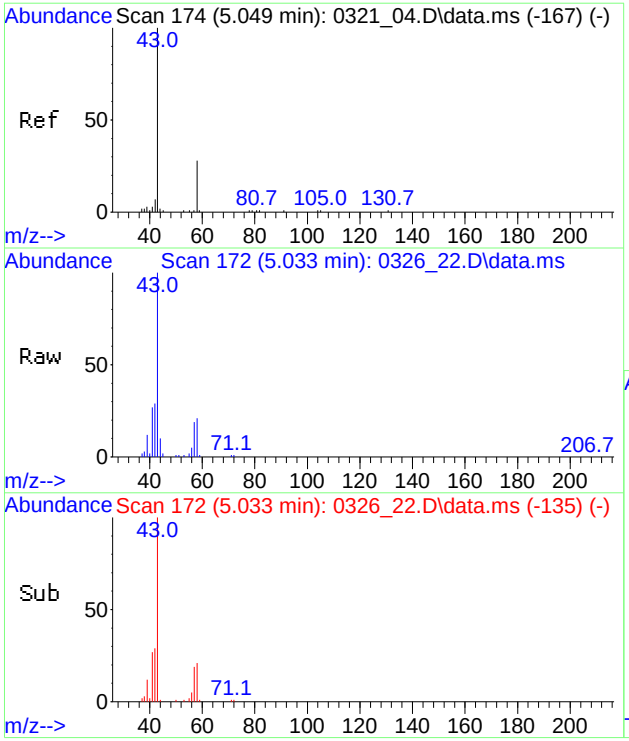


#11
Ethanol
Conc: 8$ 15.795 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 45 Resp: 245218

Ion	Ratio	Lower	Upper
45	100		
46	33.2	0.6	0.8#
43	20.9	0.0	0.0#

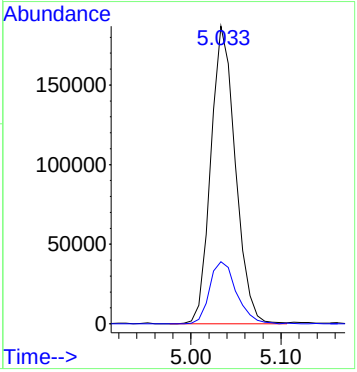


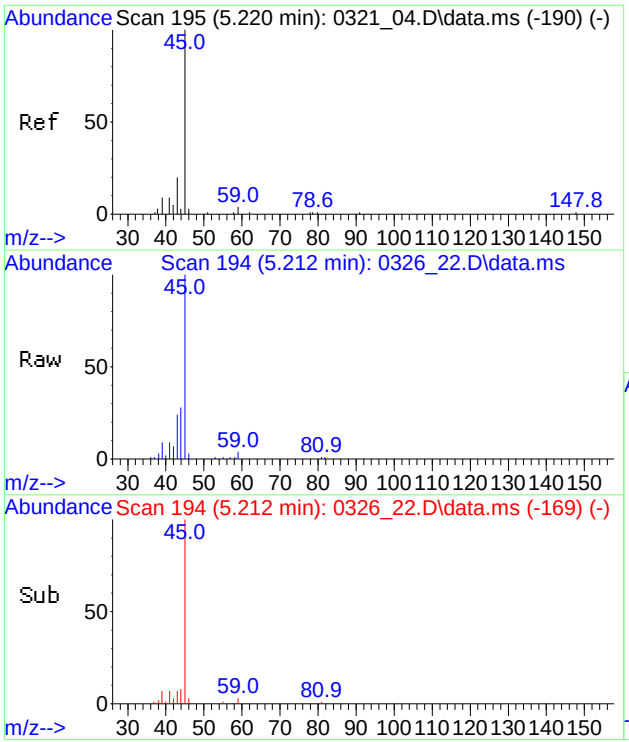


#12
Acetone
Conc: 8$ 5.148 ppbv
RT: 5.033 min Scan# 172
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 43 Resp: 354527

Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.2	0.2#

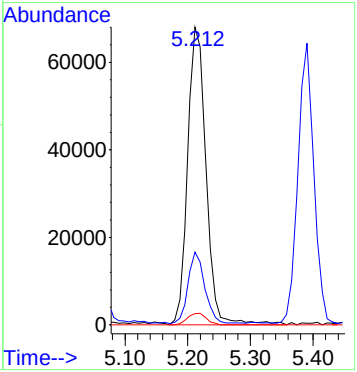


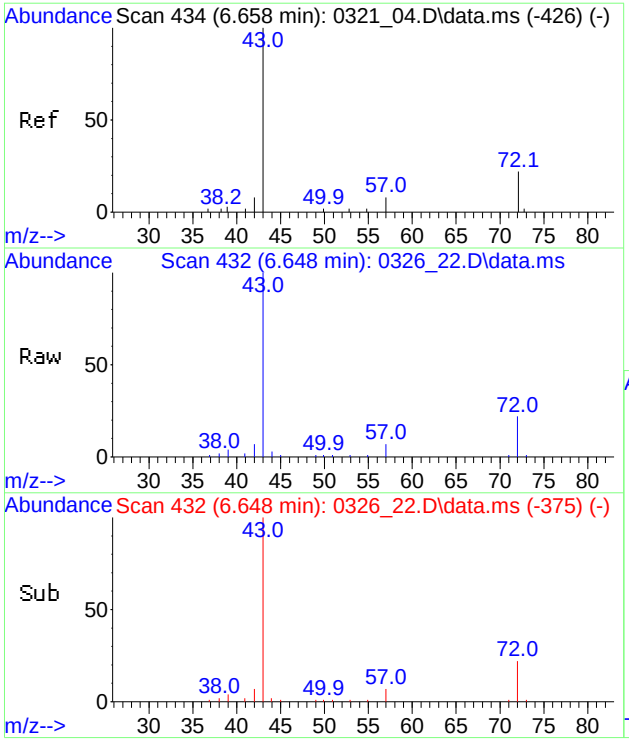


#14
Isopropylalcohol
Conc: 8$ 1.861 ppbv
RT: 5.212 min Scan# 194
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 45 Resp: 138762

Ion	Ratio	Lower	Upper
45	100		
43	21.6	0.0	0.0#
59	4.0	0.6	1.0#

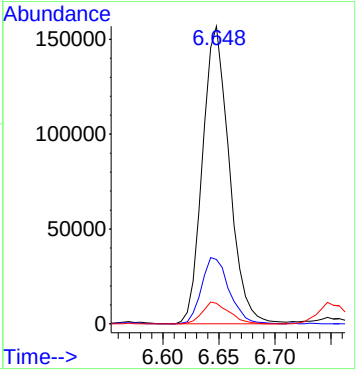


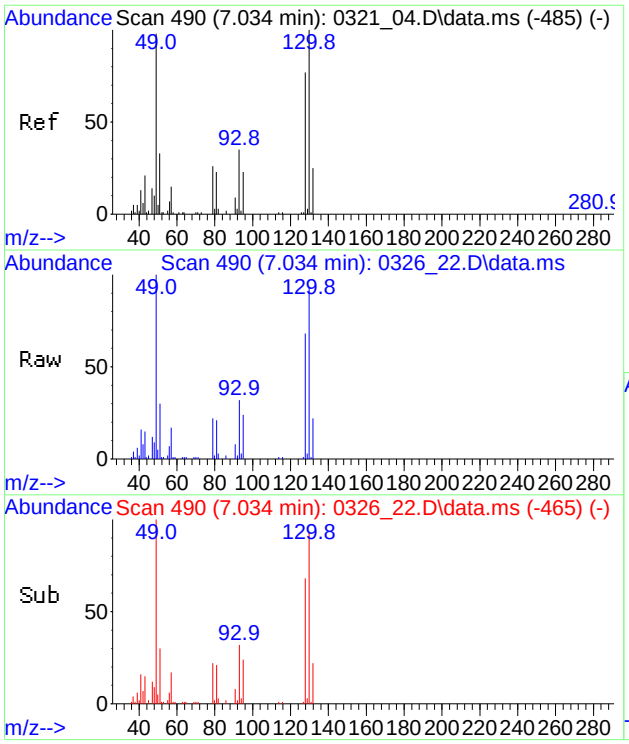


#25
Methyl Ethyl Ketone
Conc: 8$ 8.906 ppbv
RT: 6.648 min Scan# 432
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 43 Resp: 260514

Ion	Ratio	Lower	Upper
43	100		
72	22.9	0.0	0.0#
57	7.3	0.2	0.4#

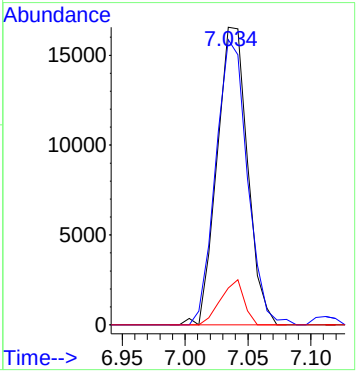


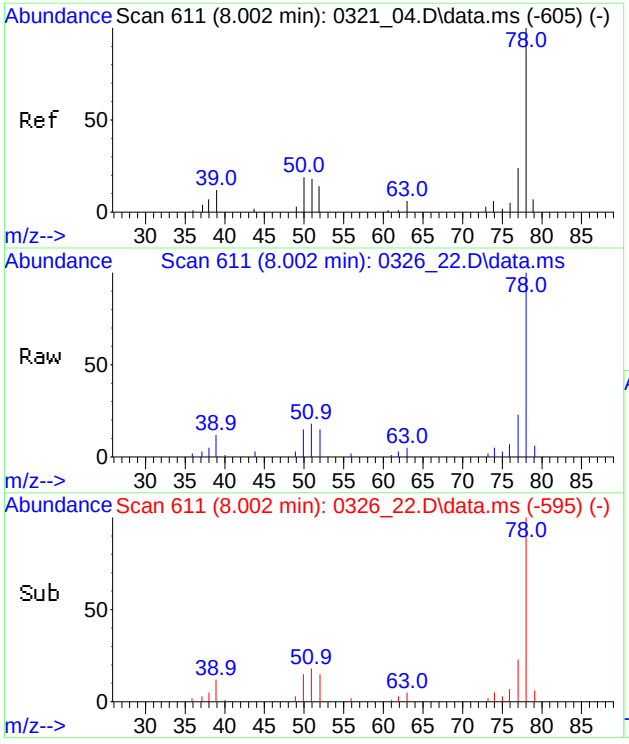


#27
Hexane
Conc: 8$ 1.362 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 57 Resp: 28030

Ion	Ratio	Lower	Upper
57	100		
41	99.1	73.0	109.6
86	11.6	9.8	14.8

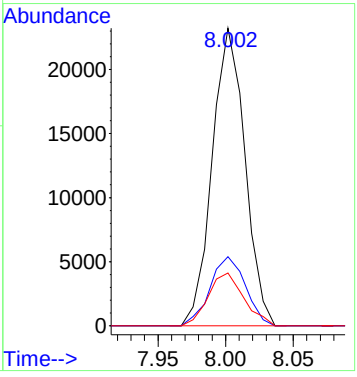


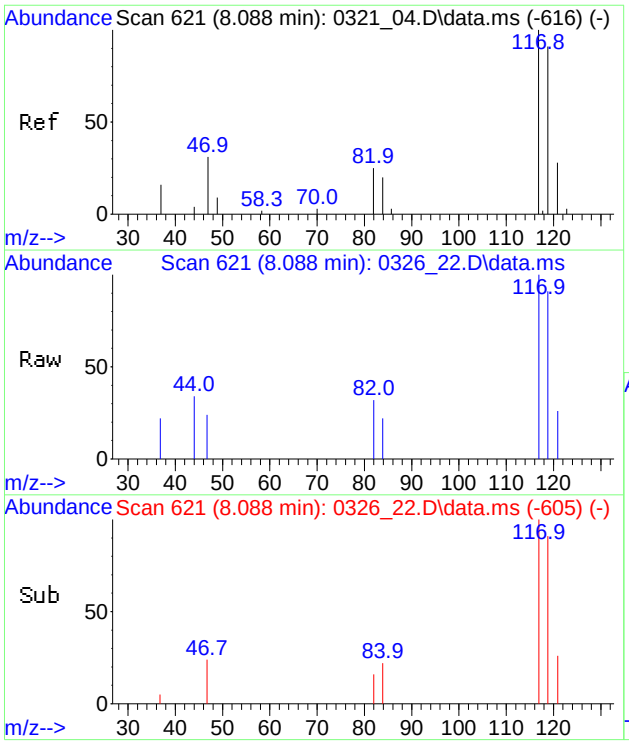


#33
Benzene
Conc: 8$ 0.898 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 78 Resp: 39061

Ion	Ratio	Lower	Upper
78	100		
77	25.1	17.4	26.0
51	19.4	15.8	23.6

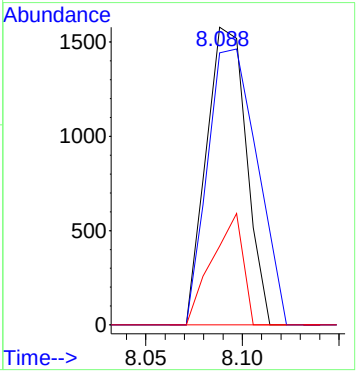


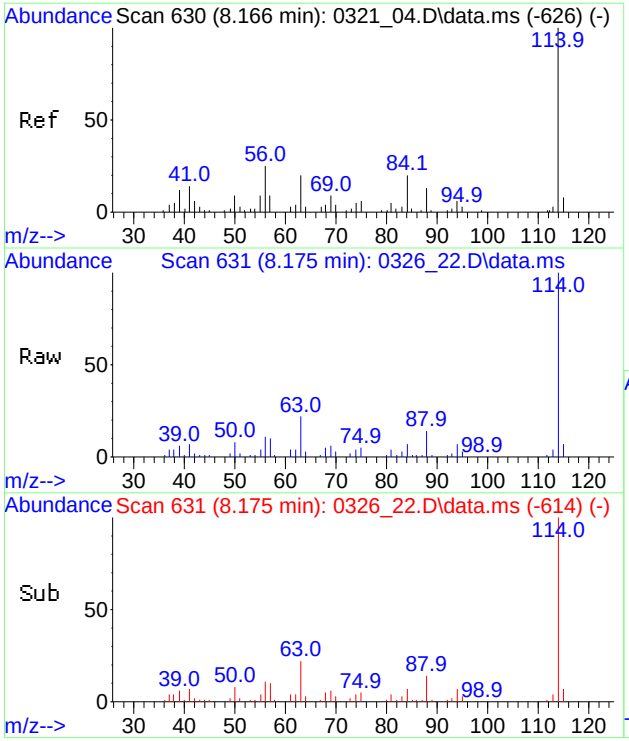


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.088 min Scan# 621
Delta R.T. -0.009 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:117 Resp: 2275

Ion	Ratio	Lower	Upper
117	100		
119	114.8	74.9	114.9
121	28.9	11.2	51.2

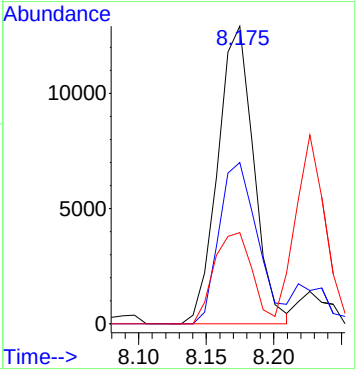


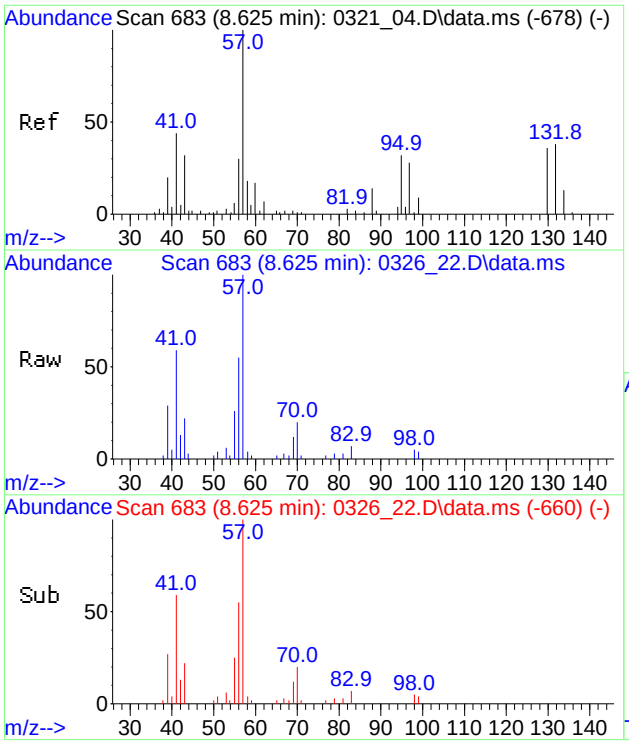


#35
Cyclohexane
Conc: 8$ 1.302 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 84 Resp: 23842

Ion	Ratio	Lower	Upper
84	100		
55	58.6	52.4	78.6
42	32.8	29.8	44.6

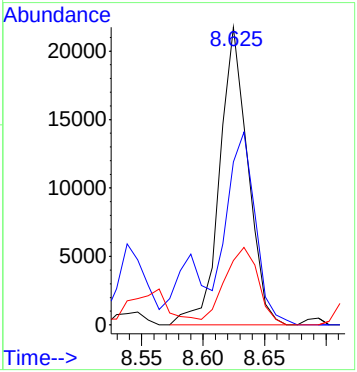


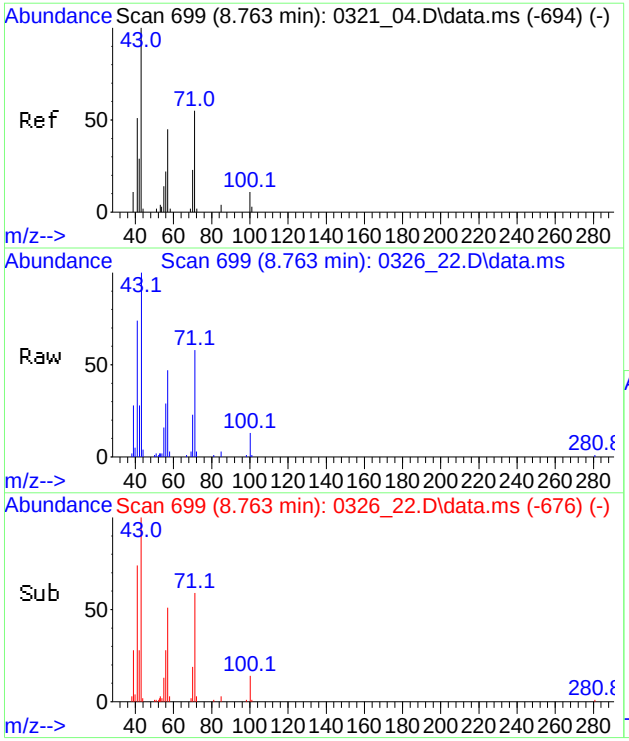


#40
2,2,4-trimethylpentane
Conc: 8$ 0.440 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 57 Resp: 34803

Ion	Ratio	Lower	Upper
57	100		
56	64.5	22.0	33.0#
43	30.8	20.4	30.6#

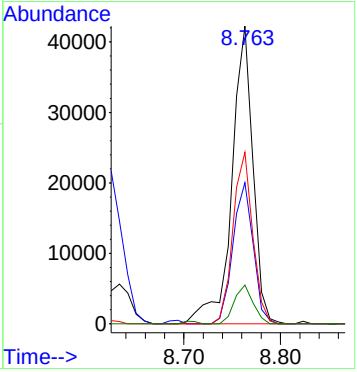


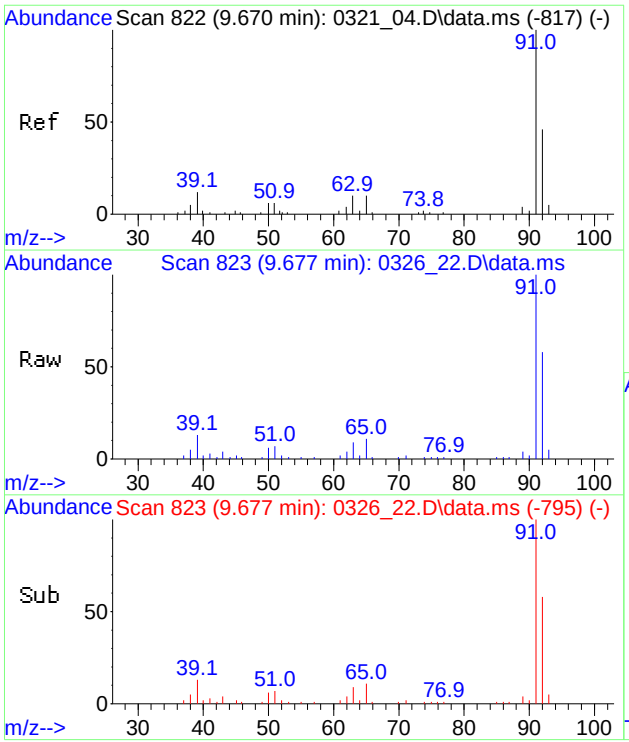


#43
Heptane
Conc: 8$ 2.236 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 43 Resp: 64330

Ion	Ratio	Lower	Upper
43	100		
57	45.3	39.4	59.0
71	53.7	44.5	66.7
100	11.6	8.2	12.2

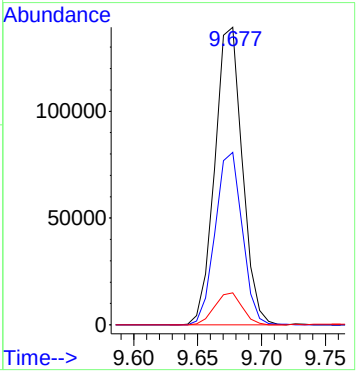


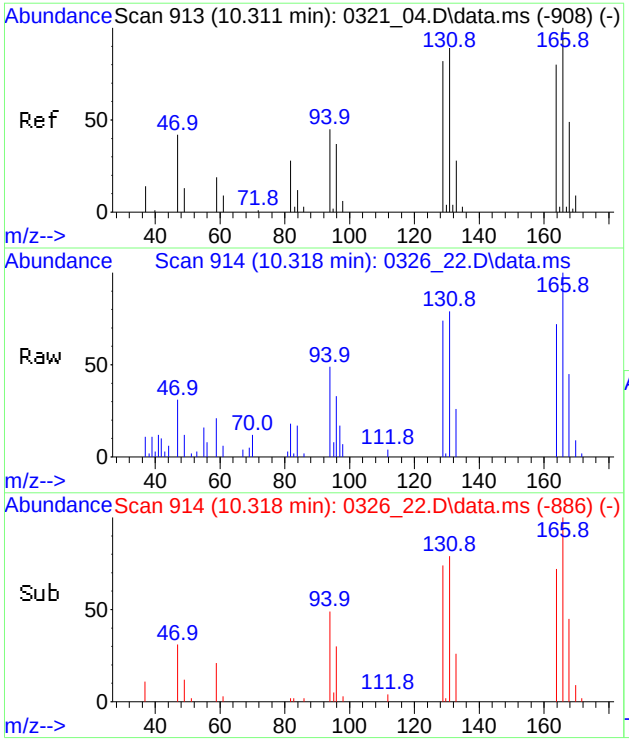


#48
Toluene
Conc: 8$ 3.198 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 91 Resp: 207767

Ion	Ratio	Lower	Upper
91	100		
92	57.0	43.8	65.8
65	10.8	10.6	16.0

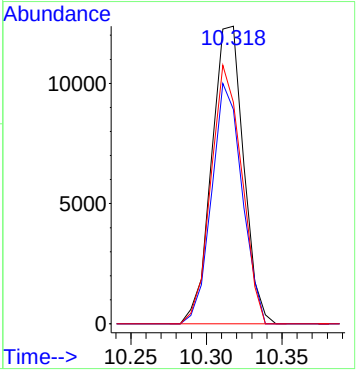


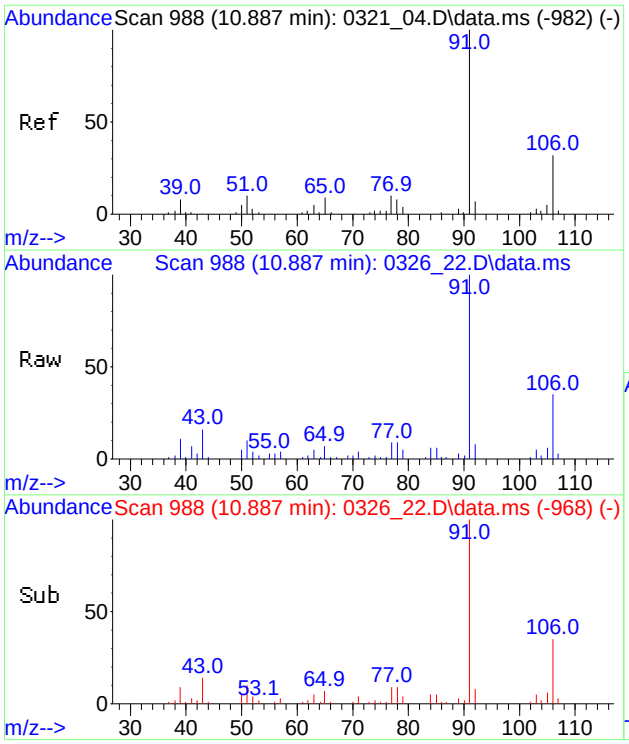


#52
Tetrachloroethene
Conc: 8$ 0.469 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:166 Resp: 18196

Ion	Ratio	Lower	Upper
166	100		
164	76.9	63.4	95.2
129	83.6	68.4	102.6

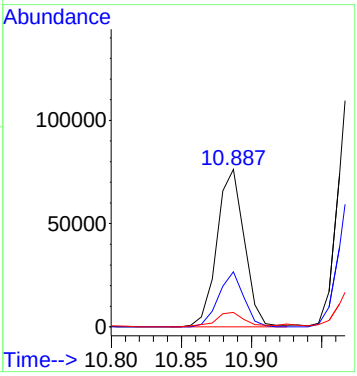


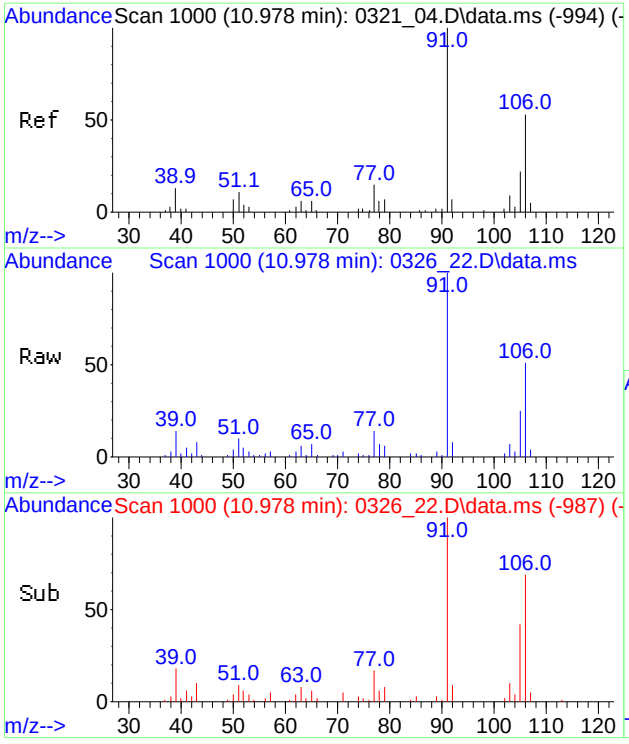


#56
Ethylbenzene
Conc: 8$ 1.208 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 91 Resp: 103843

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.0	64.0
77	10.1	0.0	33.4

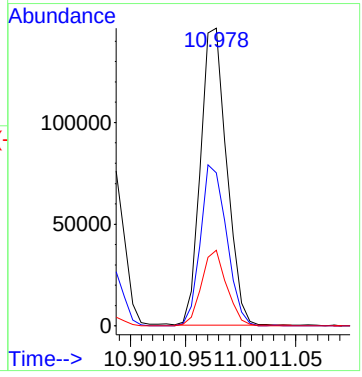


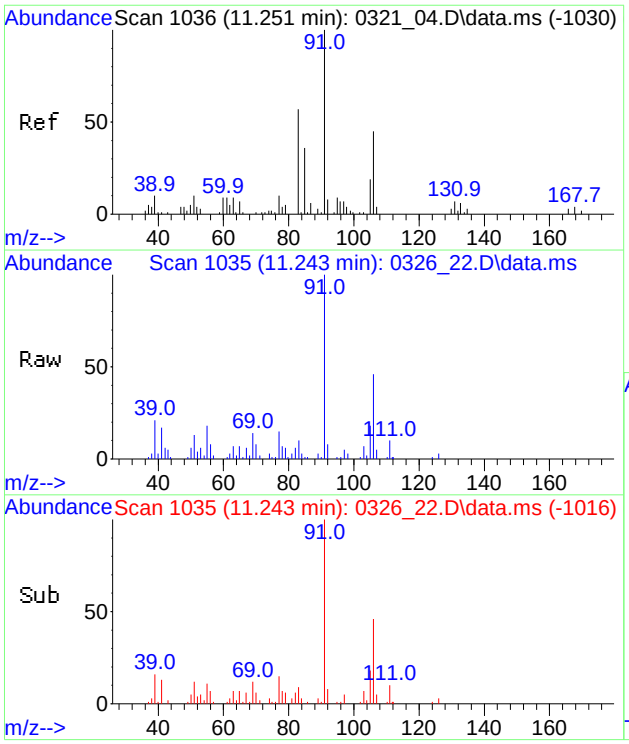


#57
m,p-Xylene
Conc: 8$ 3.606 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 91 Resp: 240751

Ion	Ratio	Lower	Upper
91	100		
106	54.2	0.0	0.0#
105	24.6	0.0	0.0#

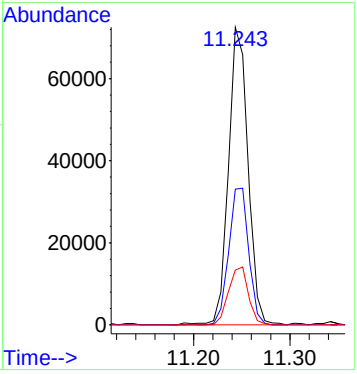


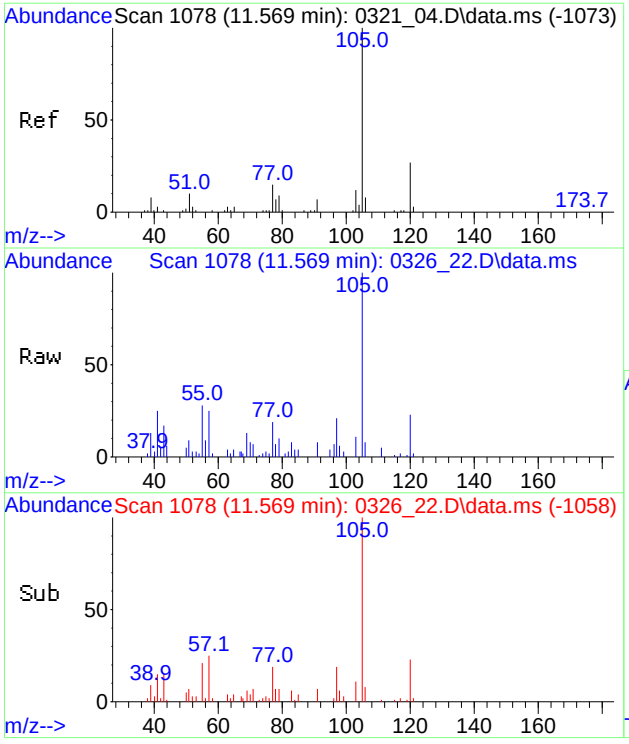


#61
o-Xylene
Conc: 8$ 1.395 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 91 Resp: 102368

Ion	Ratio	Lower	Upper
91	100		
106	46.9	31.7	47.5
105	19.8	13.4	20.0

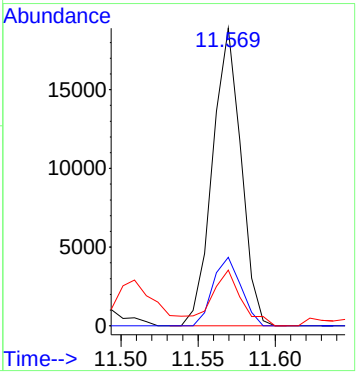


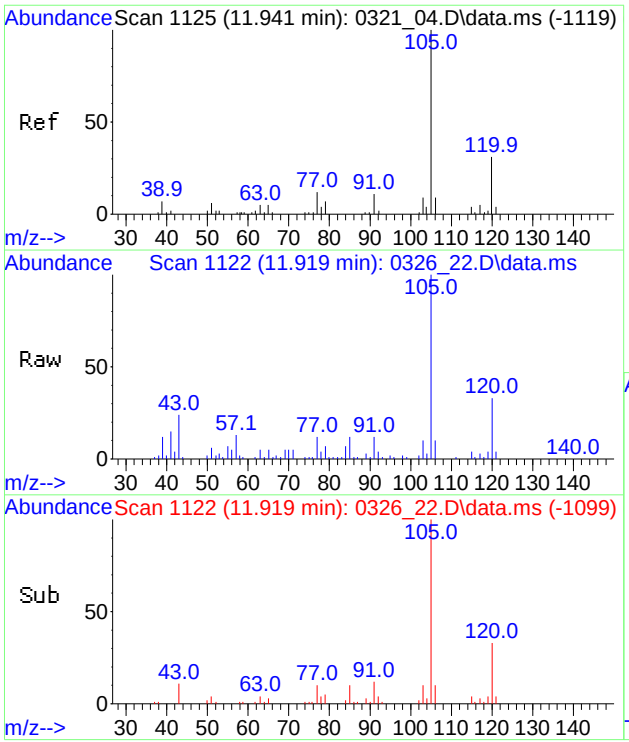


#64
Isopropylbenzene
Conc: 8$ 0.239 ppbv
RT: 11.569 min Scan# 1078
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:105 Resp: 24231

Ion	Ratio	Lower	Upper
105	100		
120	22.7	0.0	0.0#
77	19.9	0.1	0.1#

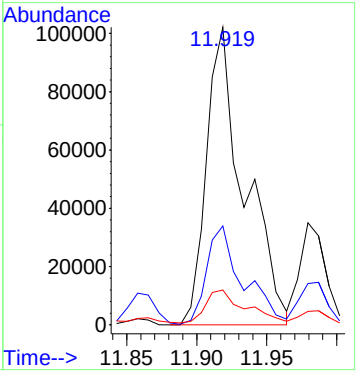


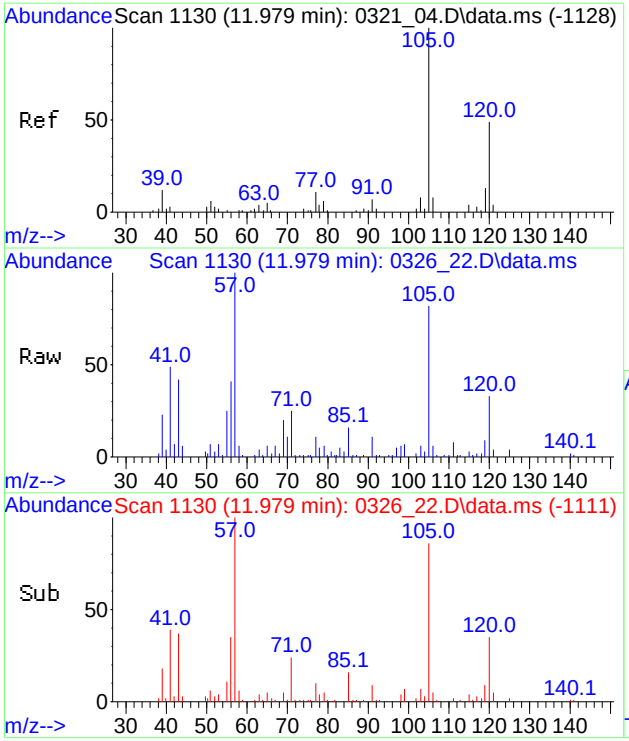


#65
4-Ethyltoluene
Conc: 8$ 1.868 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:105 Resp: 192186

Ion	Ratio	Lower	Upper
105	100		
120	32.1	30.2	45.4
77	12.2	10.5	15.7

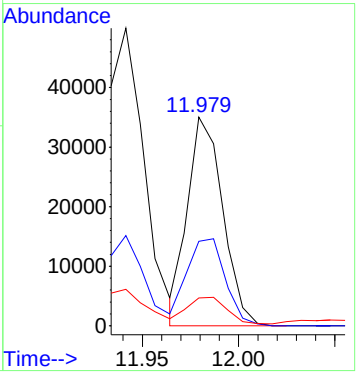


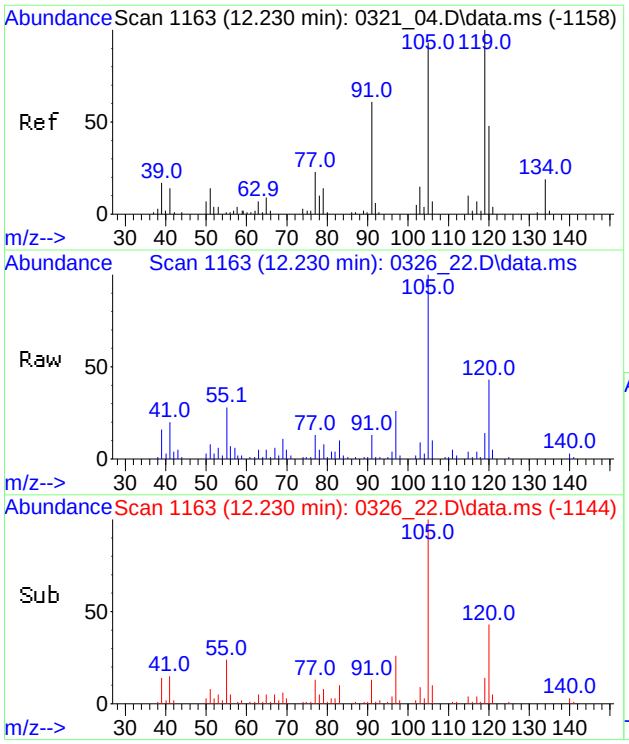


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.537 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:105 Resp: 44637

Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	0.0#
77	14.7	0.2	0.2#

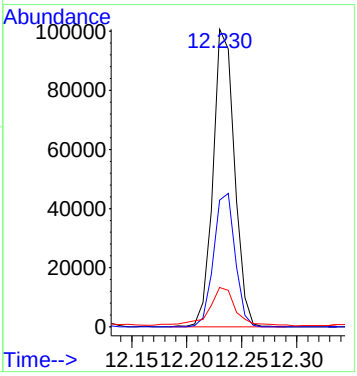


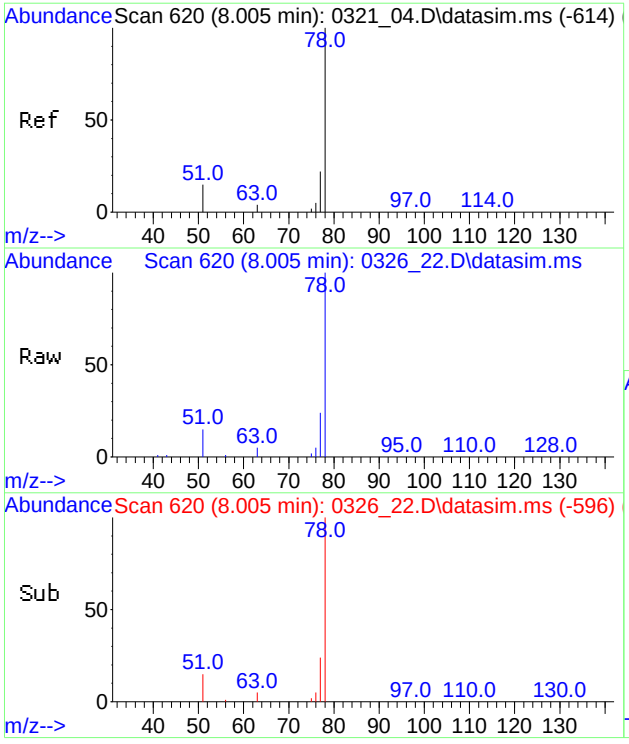


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.365 ppbv
RT: 12.230 min Scan# 1163
Delta R.T. -0.007 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:105 Resp: 135480

Ion	Ratio	Lower	Upper
105	100		
120	45.0	39.4	59.2
77	15.9	23.9	35.9#

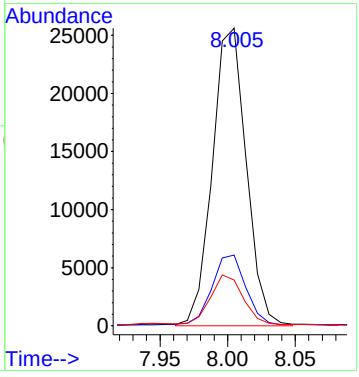


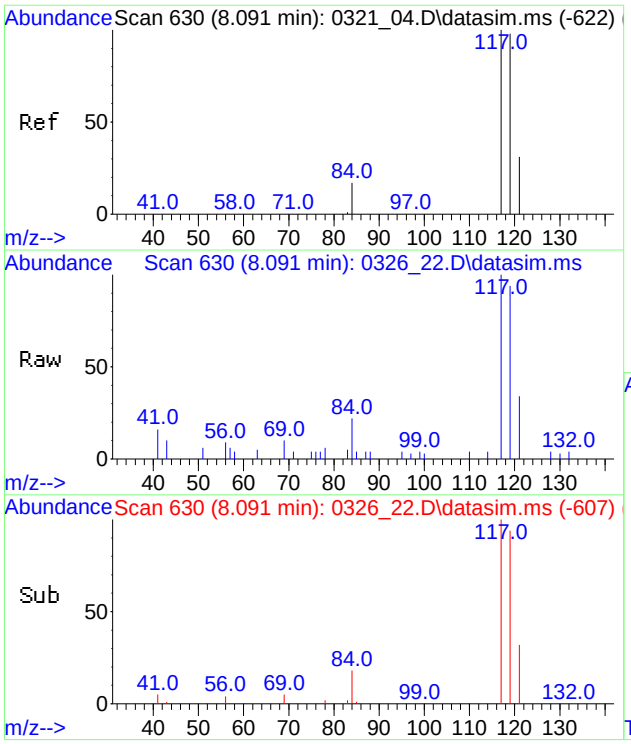


#85
Benzene(sim)
Conc: 8$ 0.789 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 78 Resp: 39061

Ion	Ratio	Lower	Upper
78	100		
77	25.1	17.4	26.0
51	19.4	15.8	23.6

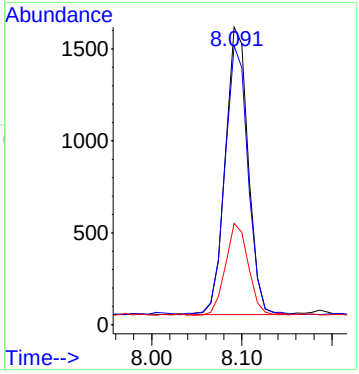


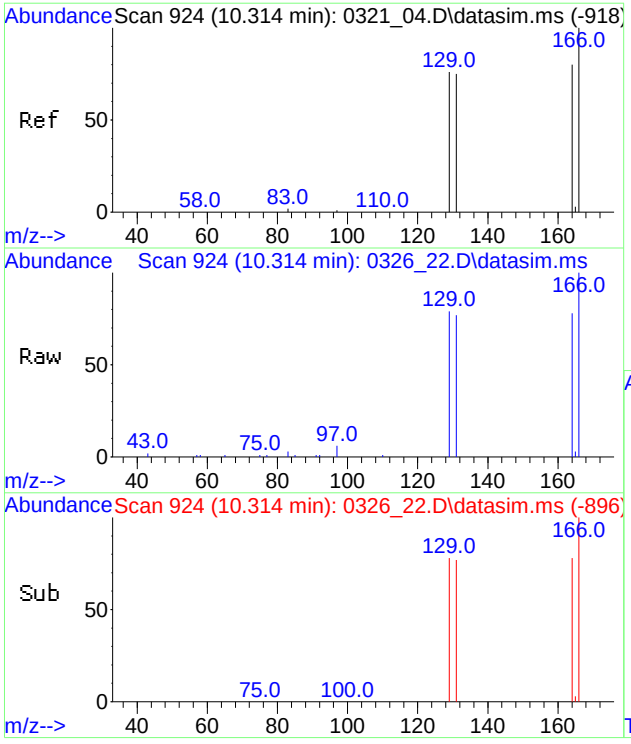


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.070 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:117 Resp: 2760

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	115.0
121	32.1	24.2	36.4

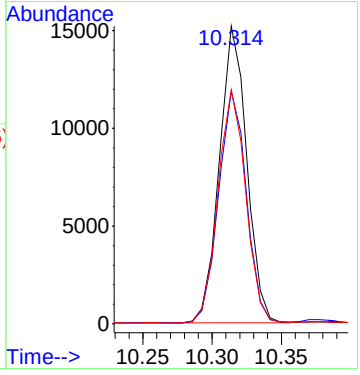


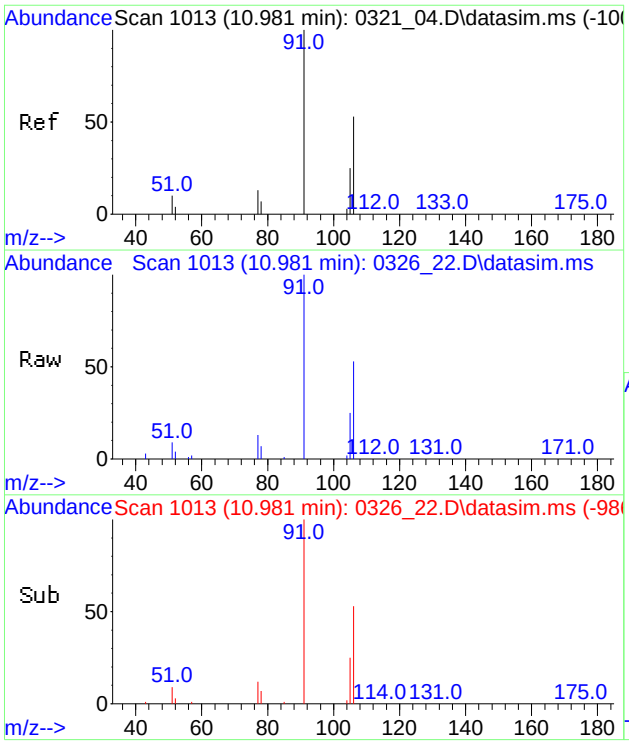


#102
Tetrachloroethene(sim)
Conc: 8$ 0.533 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion:166 Resp: 20897

Ion	Ratio	Lower	Upper
166	100		
164	79.6	54.6	94.6
129	79.4	52.2	92.2

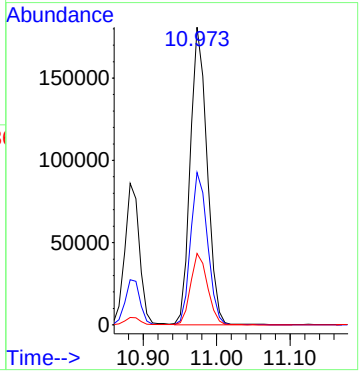




#105
m,p-Xylene(sim)
Conc: 8$ 3.406 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_22.D
Acq: 27 Mar 2025 1:13 am

Tgt Ion: 91 Resp: 243543

Ion	Ratio	Lower	Upper
91	100		
106	53.5	39.6	48.4#
105	24.3	16.6	24.8



AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-10

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91393

Canister: 28568 Lab File ID: 0326_23.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.505		0.202	0.202	r
74-87-3	Chloromethane	0.648		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	324	ES	0.531	0.531	r
67-64-1	Acetone	32.0	S	0.421	0.421	r
67-63-0	Isopropylalcohol	14.0	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	1.04		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	13.3		0.339	0.339	r
110-54-3	Hexane	0.712	S	0.284	0.284	r
67-66-3	Chloroform	0.665		0.205	0.205	r
141-78-6	Ethyl acetate	1.65		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.489		0.339	0.339	r
71-43-2	Benzene	0.612		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.318		0.215	0.215	r
142-82-5	Heptane	1.02		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	3.70		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.597		0.037	0.037	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
100-41-4	Ethylbenzene	0.733		0.230	0.230	r
179601-23-1	m,p-Xylene	1.91		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.641		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.760		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.292		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.697		0.204	0.204	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

IA25-10

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91393

Canister: 28568 Lab File ID: 0326_23.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
106-46-7	1,4-Dichlorobenzene	0.205		0.166	0.166	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
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
56-23-5	Carbon Tetrachloride(sim)	0.075		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_23.D
Acq On : 27 Mar 2025 1:51 am
Operator :
Client ID : IA25-10
Lab ID : CS91393
ALS Vial : 15 Sample Multiplier: 1

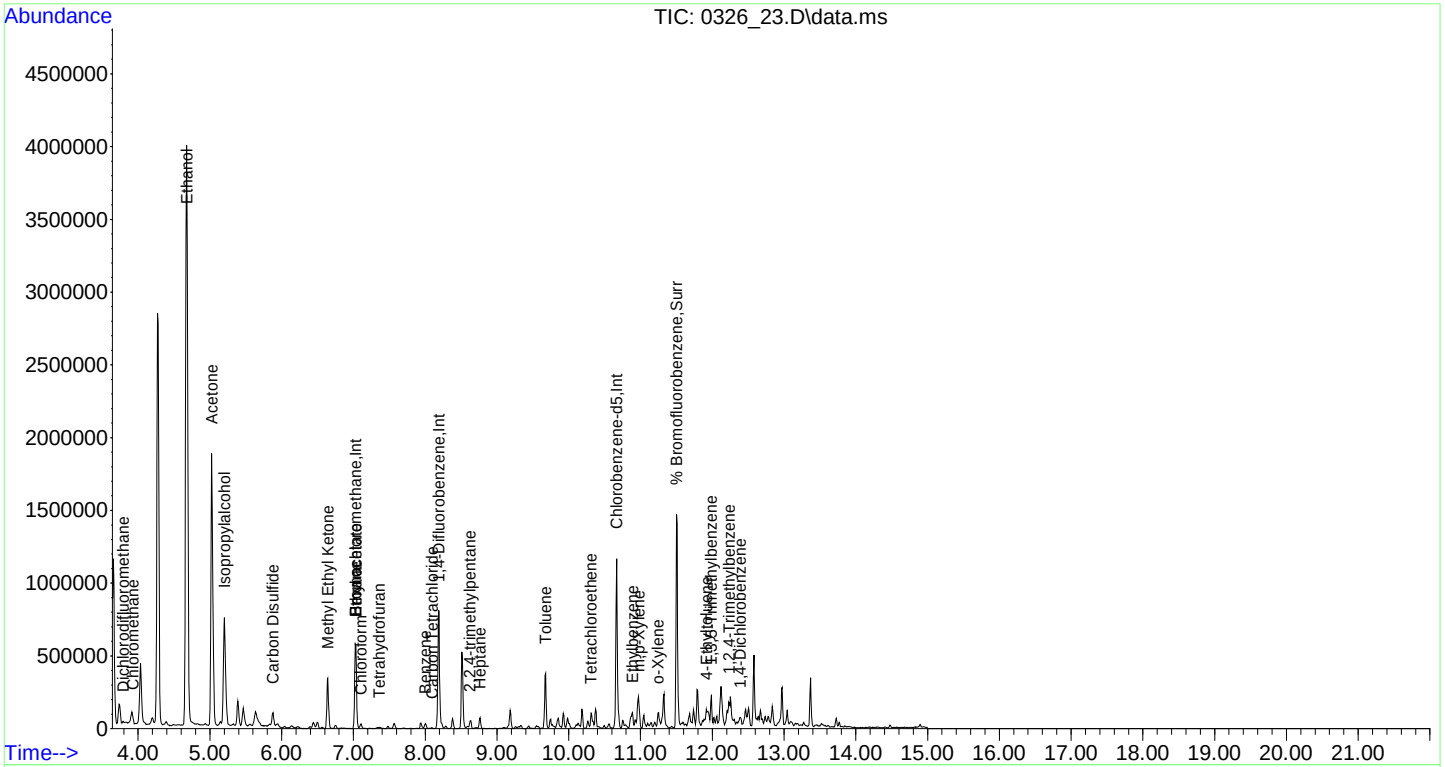
Quant Time: Mar 27 05:30:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

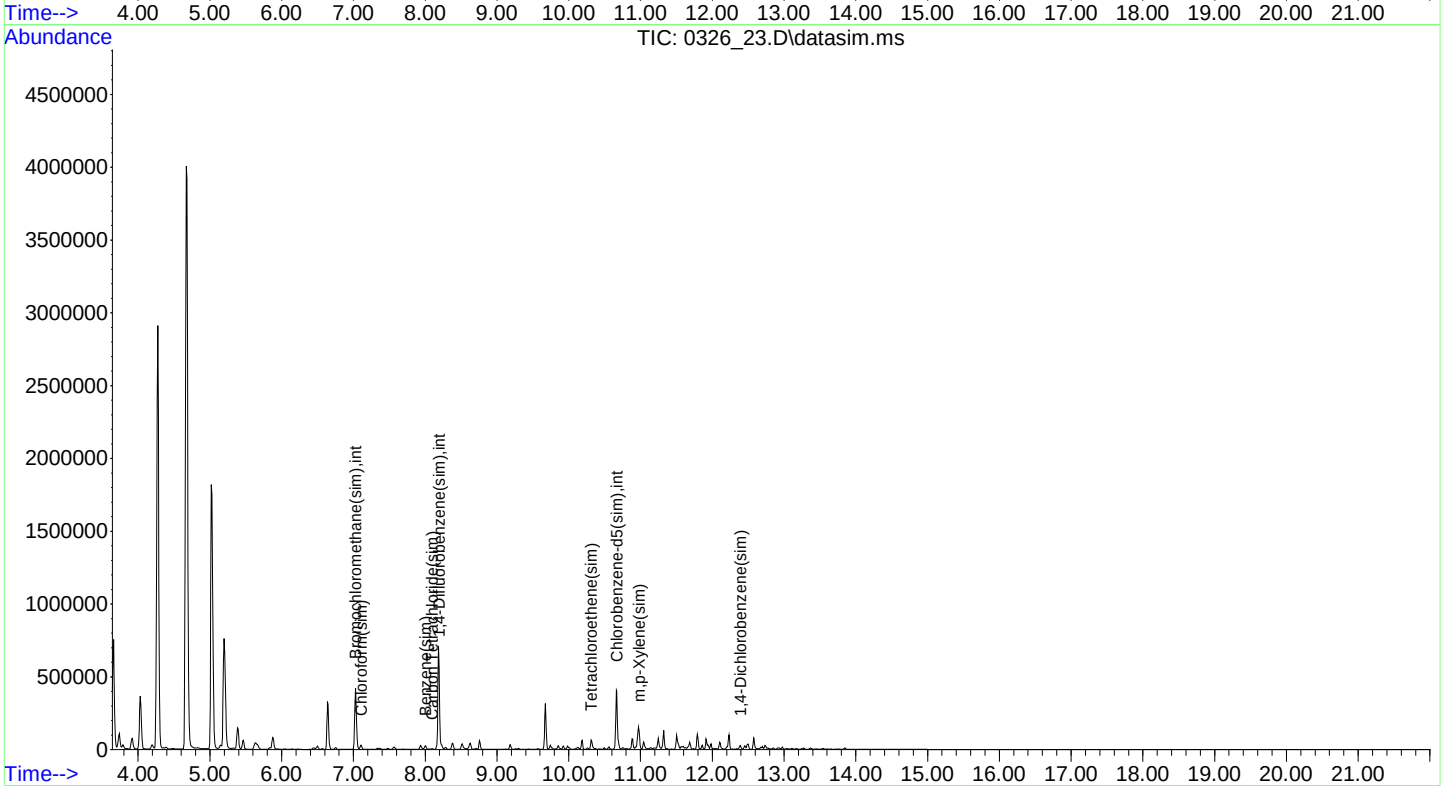
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	165511	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	580730	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	267123	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	186543	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	580730	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	267123	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	356625	12.129	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.30%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	25811	0.505	ppbv		99
4) Chloromethane	3.930	50	17938	0.648	ppbv		97
11) Ethanol	4.676	45	4816698	323.983	ppbv#		40
12) Acetone	5.025	43	2109025	31.979	ppbv#		78
14) Isopropylalcohol	5.204	45	999528	14.001	ppbv#		94
20) Carbon Disulfide	5.878	76	126447	1.035	ppbv		98
25) Methyl Ethyl Ketone	6.643	43	372081	13.283	ppbv#		92
27) Hexane	7.034	57	14022	0.712	ppbv#		92
28) Chloroform	7.104	83	20649	0.665	ppbv		99
29) Ethyl acetate	7.034	61	7371	1.649	ppbv#		93
30) Tetrahydrofuran	7.360	42	6688	0.489	ppbv#		79
33) Benzene	8.002	78	25479	0.612	ppbv		95
34) Carbon Tetrachloride	8.097	117	2207	0.062	ppbv		80
40) 2,2,4-trimethylpentane	8.625	57	23451	0.318	ppbv#		61
43) Heptane	8.763	43	27477	1.024	ppbv#		87
48) Toluene	9.677	91	223877	3.695	ppbv		98
52) Tetrachloroethene	10.311	166	21590	0.597	ppbv		99
56) Ethylbenzene	10.887	91	47553	0.733	ppbv		85
57) m,p-Xylene	10.978	91	96301	1.913	ppbv		100
61) o-Xylene	11.243	91	35460	0.641	ppbv#		85
65) 4-Ethyltoluene	11.919	105	58953	0.760	ppbv		96
66) 1,3,5-Trimethylbenzene	11.987	105	18318	0.292	ppbv#		84
67) 1,2,4-Trimethylbenzene	12.238	105	52206	0.697	ppbv#		85
70) 1,4-Dichlorobenzene	12.389	146	10953	0.205	ppbv		100
85] Benzene(sim)	8.002	78	25479	0.542	ppbv		95
86] Carbon Tetrachloride(sim)	8.100	117	2809	0.075	ppbv		98
92] Chloroform(sim)	7.107	83	23226	0.625	ppbv		97
102] Tetrachloroethene(sim)	10.314	166	27082	0.741	ppbv		93
105] m,p-Xylene(sim)	10.978	91	96301	1.786	ppbv#		93
109] 1,4-Dichlorobenzene(sim)	12.389	146	10953	0.204	ppbv		97

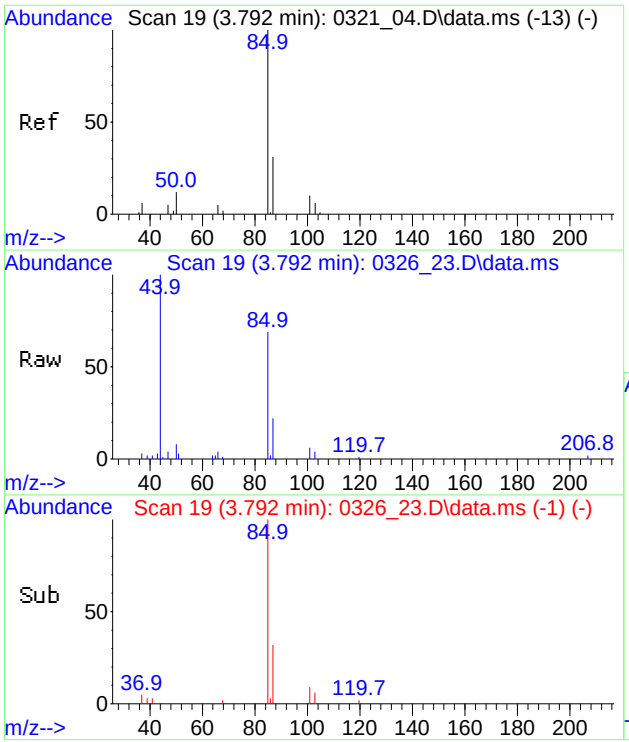
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_23.D
Acq On : 27 Mar 2025 1:51 am
Operator :
Client ID : IA25-10
Lab ID : CS91393
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 27 05:30:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



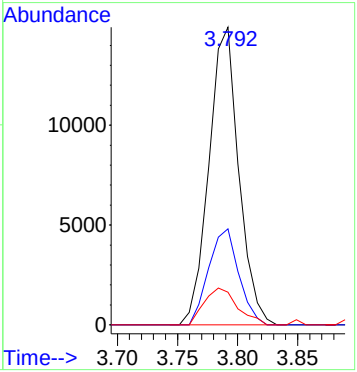


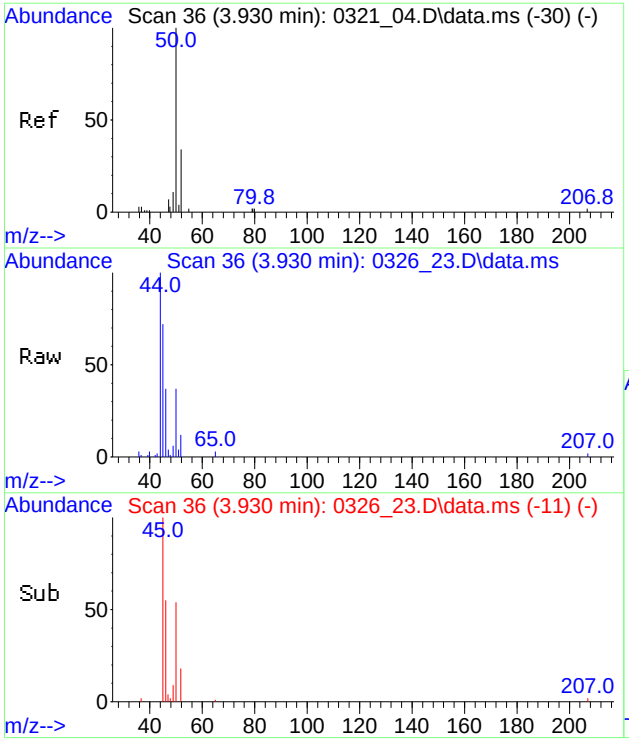


#3
Dichlorodifluoromethane
Conc: 8$ 0.505 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 85 Resp: 25811

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.8	38.8
50	13.8	10.6	15.8

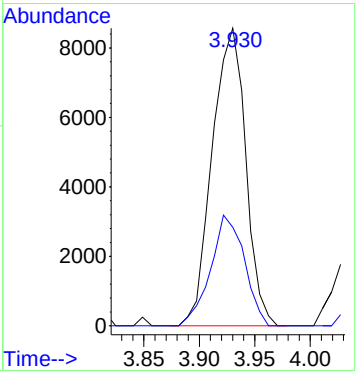


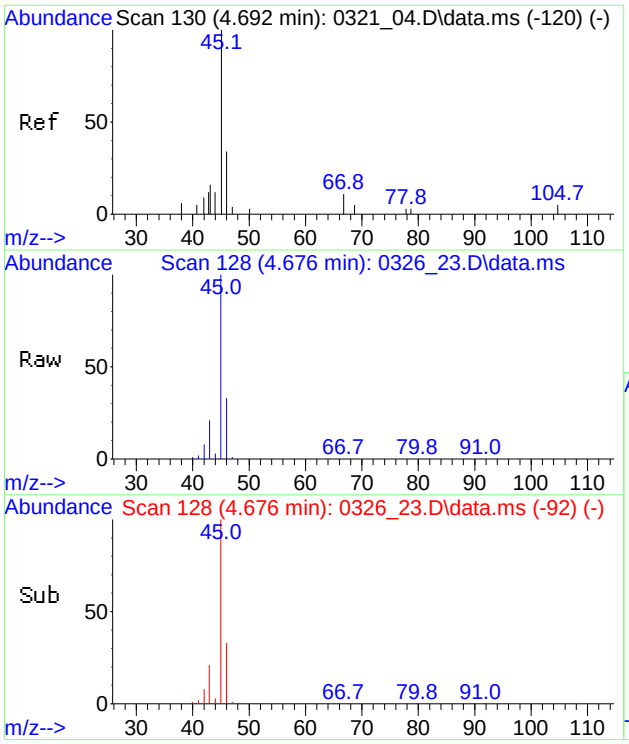


#4
Chloromethane
Conc: 8$ 0.648 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 50 Resp: 17938

Ion	Ratio	Lower	Upper
50	100		
52	37.5	15.5	55.5

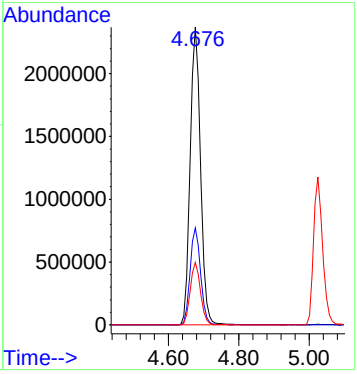


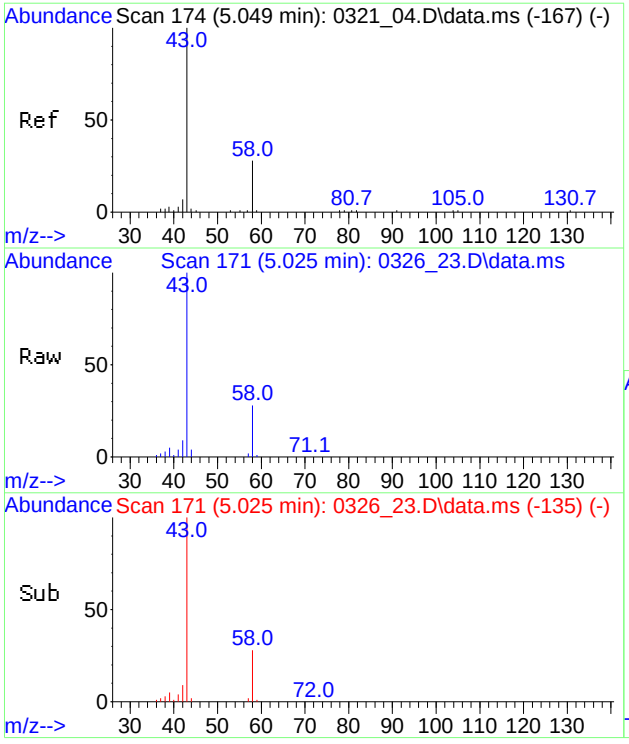


#11
Ethanol
Conc: 8$ 323.983 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 45 Resp: 4816698

Ion	Ratio	Lower	Upper
45	100		
46	32.7	0.6	0.8#
43	20.8	0.0	0.0#

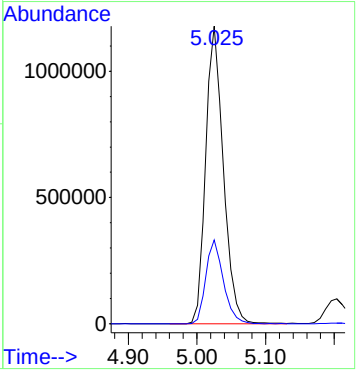


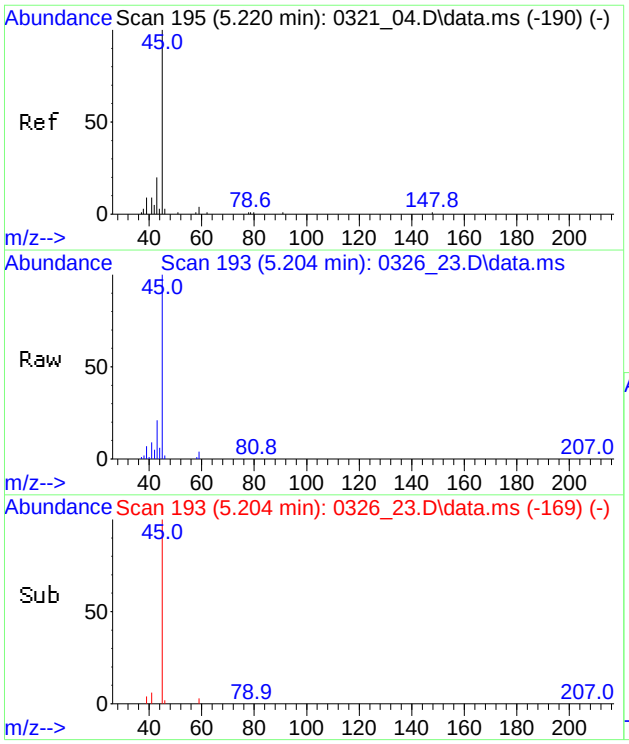


#12
Acetone
Conc: 8$ 31.979 ppbv
RT: 5.025 min Scan# 171
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 43 Resp: 2109025

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.2	0.2#

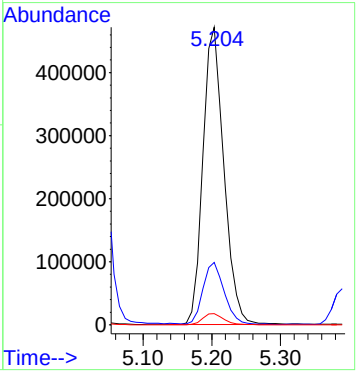


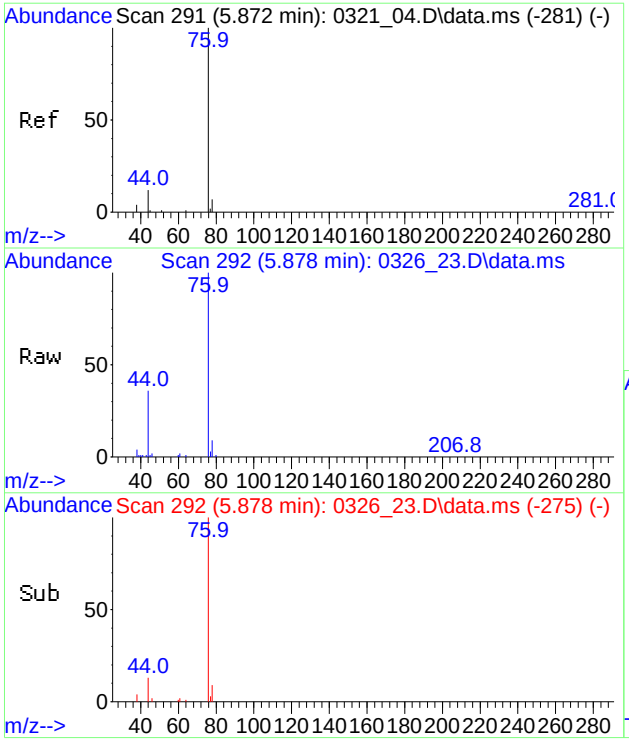


#14
Isopropylalcohol
Conc: 8$ 14.001 ppbv
RT: 5.204 min Scan# 193
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 45 Resp: 999528

Ion	Ratio	Lower	Upper
45	100		
43	21.0	0.0	0.0#
59	3.8	0.6	1.0#

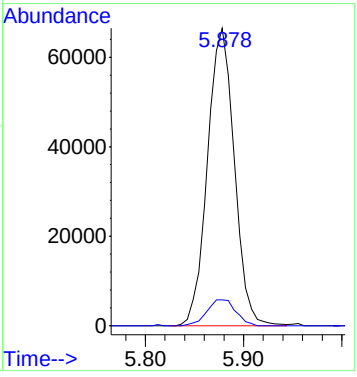


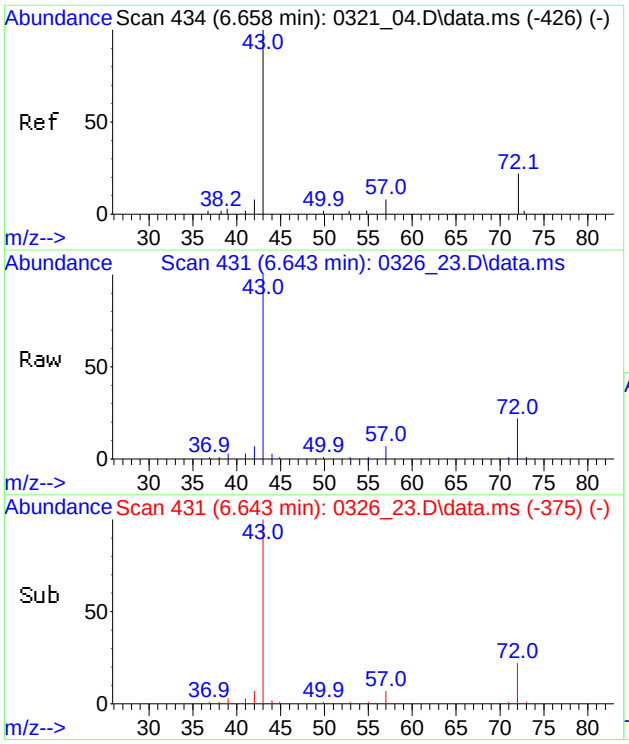


#20
Carbon Disulfide
Conc: 8$ 1.035 ppbv
RT: 5.878 min Scan# 292
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 76 Resp: 126447

Ion	Ratio	Lower	Upper
76	100		
78	9.5	8.3	12.5

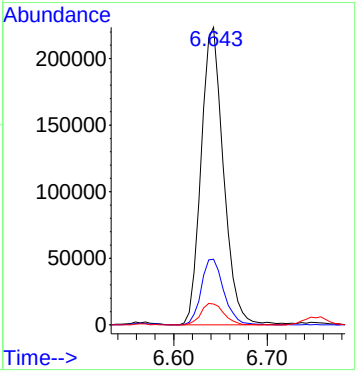


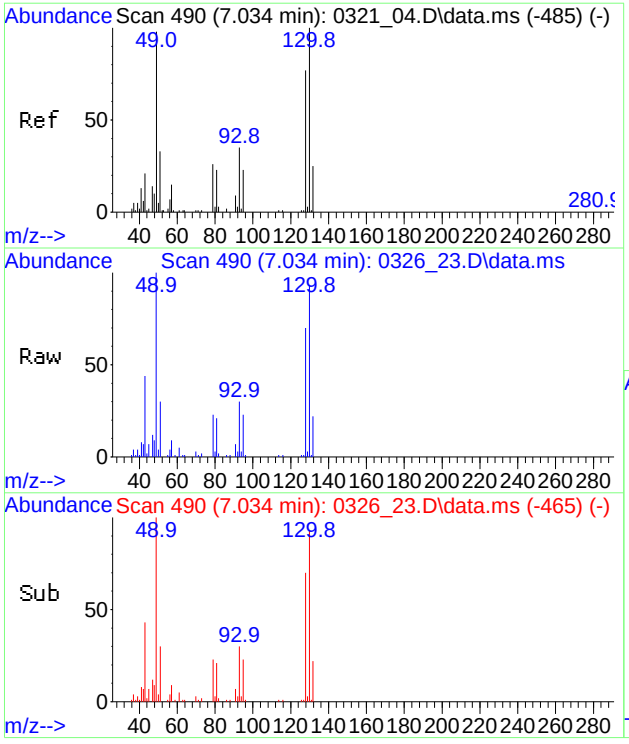


#25
Methyl Ethyl Ketone
Conc: 8$ 13.283 ppbv
RT: 6.643 min Scan# 431
Delta R.T. -0.005 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 43 Resp: 372081

Ion	Ratio	Lower	Upper
43	100		
72	22.2	0.0	0.0#
57	7.4	0.2	0.4#

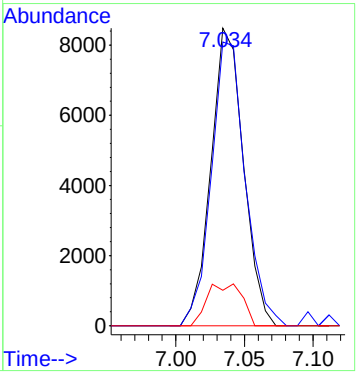


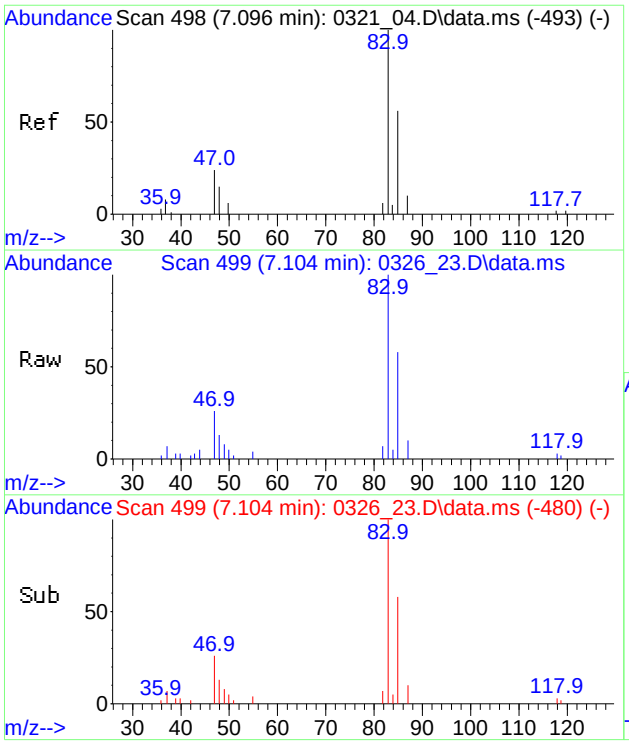


#27
Hexane
Conc: 8$ 0.712 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 57 Resp: 14022

Ion	Ratio	Lower	Upper
57	100		
41	99.3	73.0	109.6
86	15.2	9.8	14.8#

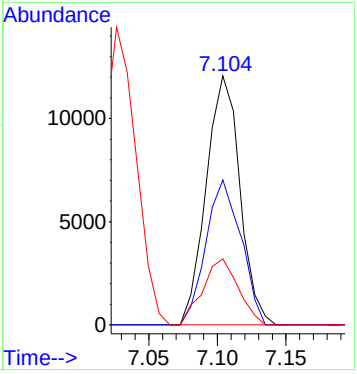


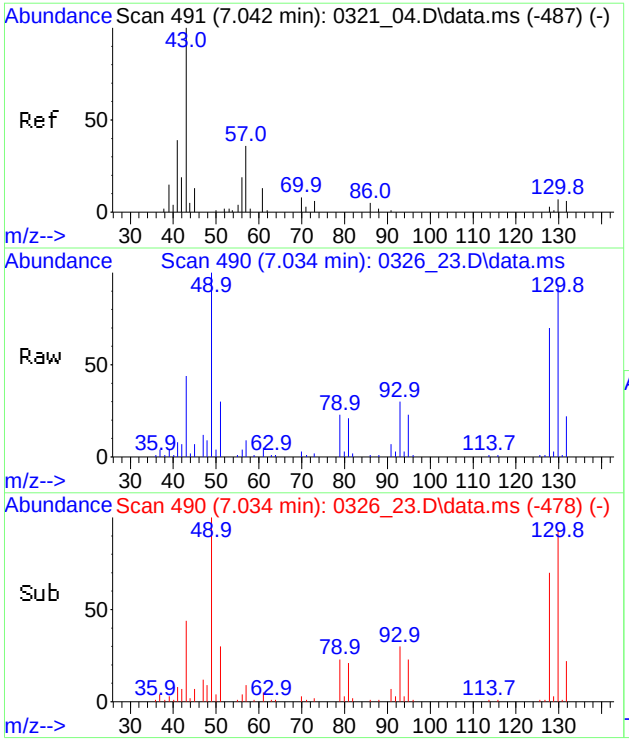


#28
Chloroform
Conc: 8$ 0.665 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 83 Resp: 20649

Ion	Ratio	Lower	Upper
83	100		
85	60.5	39.7	79.7
47	28.0	7.3	47.3

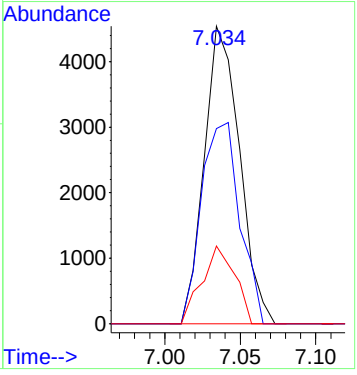


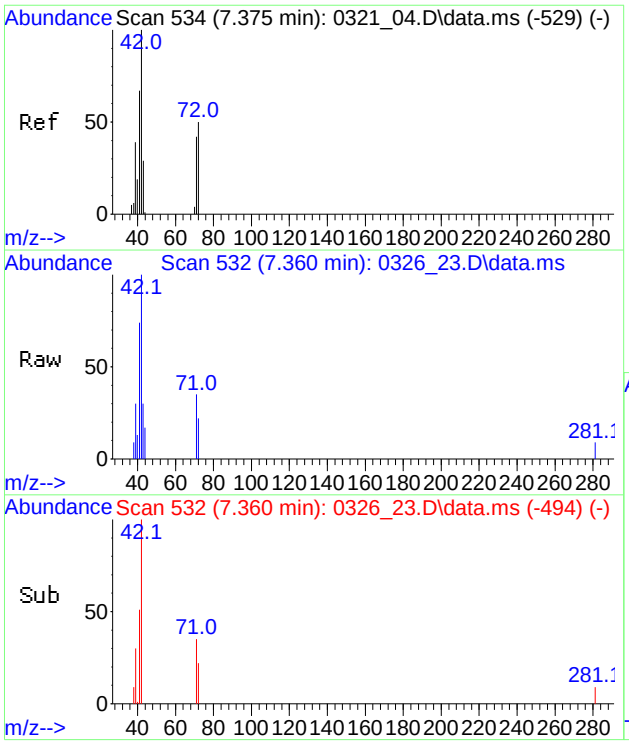


#29
Ethyl acetate
Conc: 8$ 1.649 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 61 Resp: 7371

Ion	Ratio	Lower	Upper
61	100		
70	73.4	62.8	94.2
88	24.4	14.7	22.1#

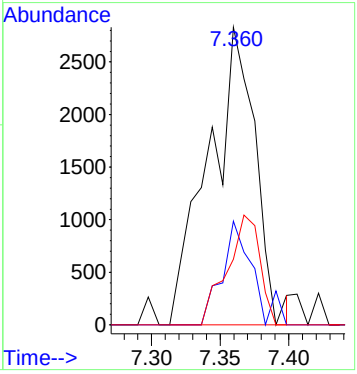


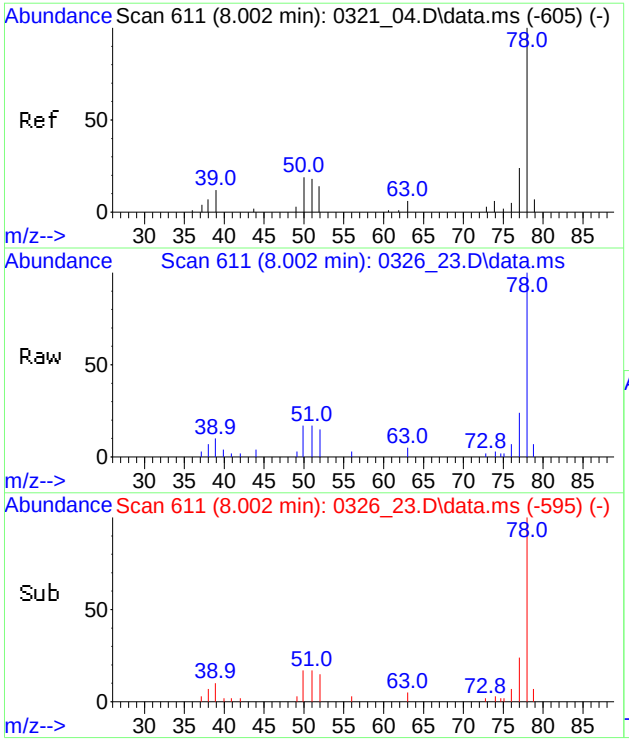


#30
Tetrahydrofuran
Conc: 8$ 0.489 ppbv
RT: 7.360 min Scan# 532
Delta R.T. -0.007 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 42 Resp: 6688

Ion	Ratio	Lower	Upper
42	100		
71	23.0	29.4	44.0#
72	25.8	30.2	45.4#

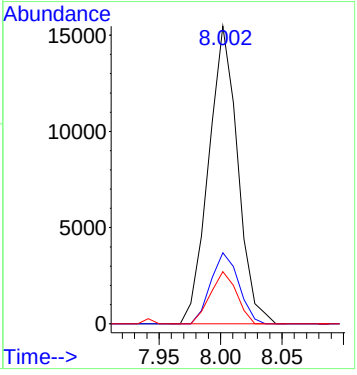


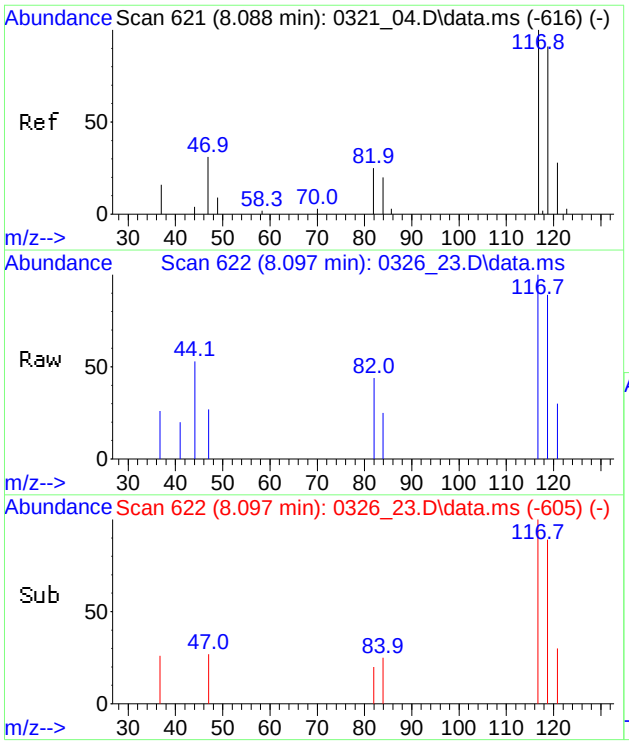


#33
Benzene
Conc: 8$ 0.612 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 78 Resp: 25479

Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.4	26.0
51	15.8	15.8	23.6

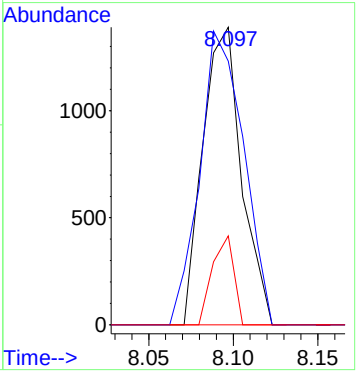


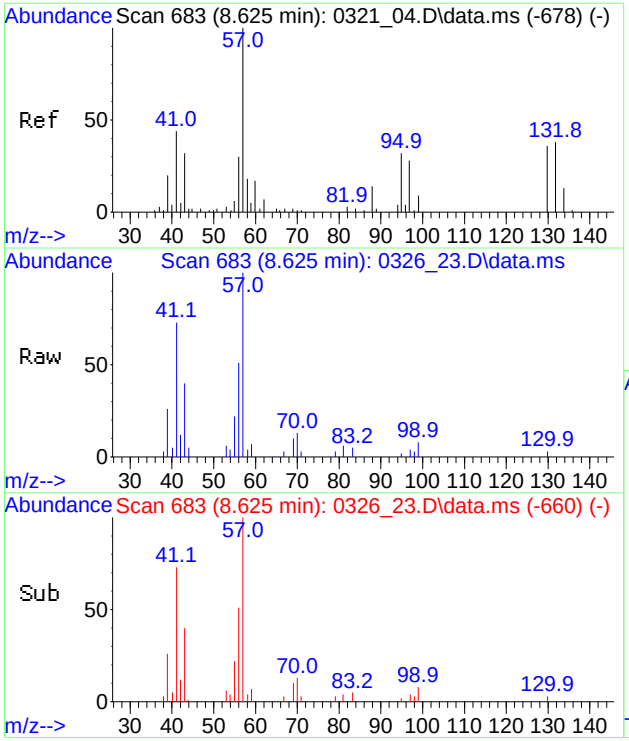


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:117 Resp: 2207

Ion	Ratio	Lower	Upper
117	100		
119	111.9	74.9	114.9
121	16.7	11.2	51.2

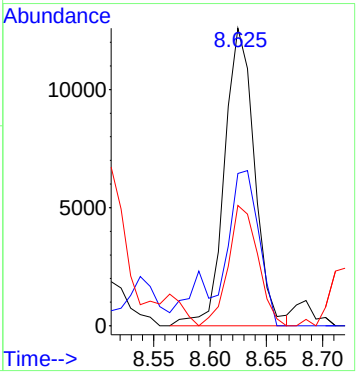


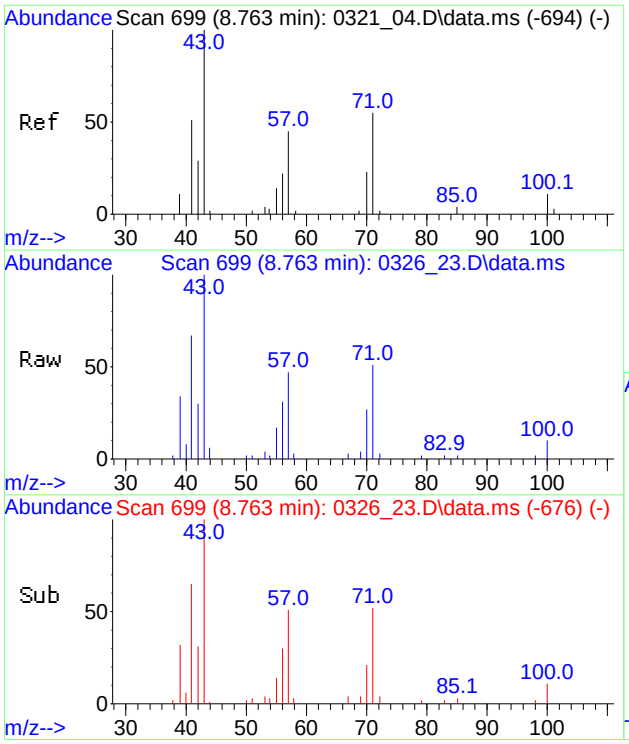


#40
2,2,4-trimethylpentane
Conc: 8$ 0.318 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 57 Resp: 23451

Ion	Ratio	Lower	Upper
57	100		
56	52.6	22.0	33.0#
43	39.8	20.4	30.6#

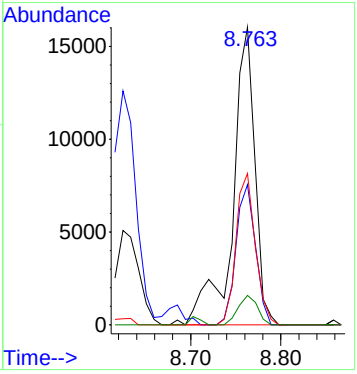


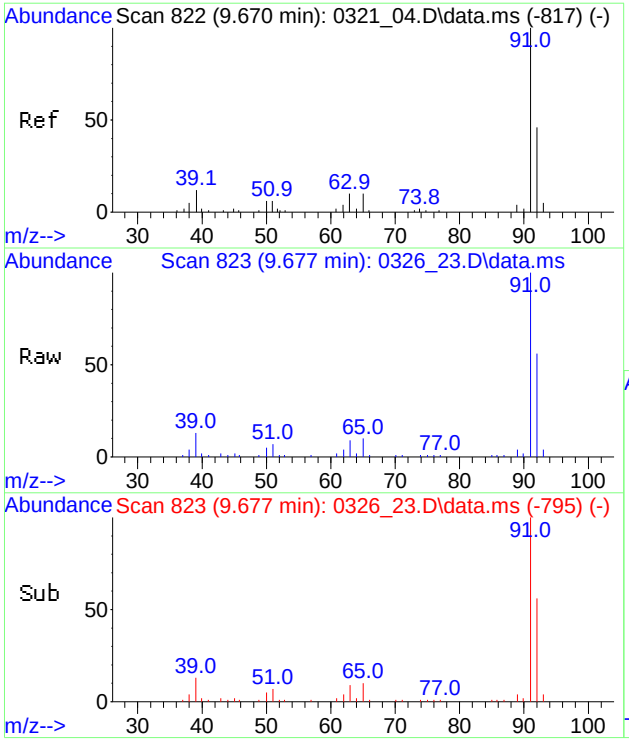


#43
Heptane
Conc: 8$ 1.024 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 43 Resp: 27477

Ion	Ratio	Lower	Upper
43	100		
57	41.2	39.4	59.0
71	44.2	44.5	66.7#
100	8.6	8.2	12.2

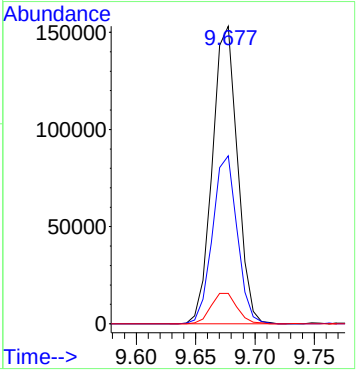


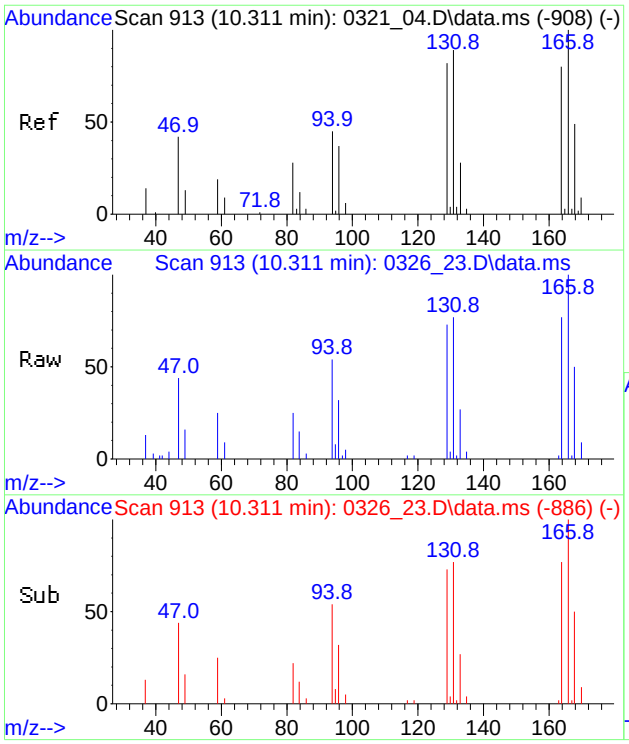


#48
Toluene
Conc: 8$ 3.695 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 91 Resp: 223877

Ion	Ratio	Lower	Upper
91	100		
92	55.7	43.8	65.8
65	10.7	10.6	16.0

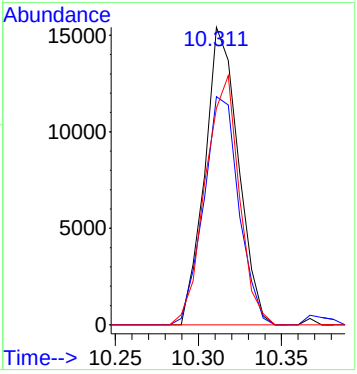


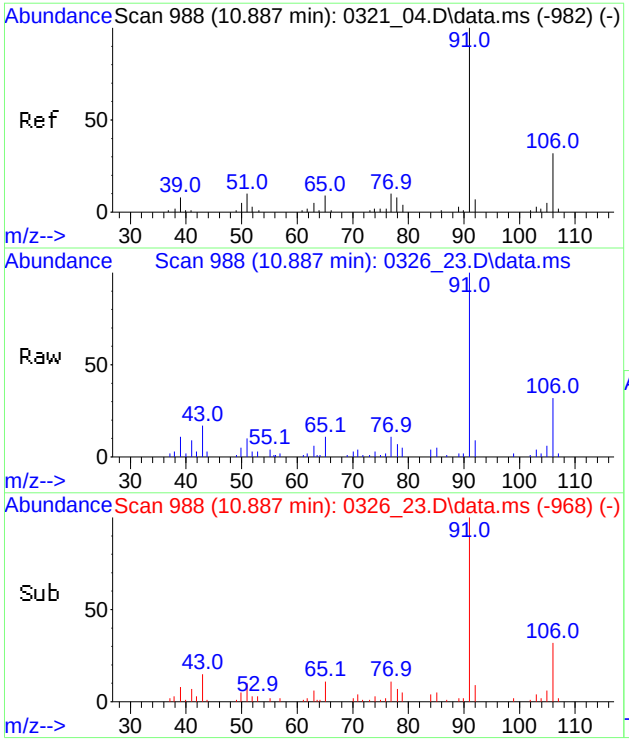


#52
Tetrachloroethene
Conc: 8$ 0.597 ppbv
RT: 10.311 min Scan# 913
Delta R.T. -0.007 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:166 Resp: 21590

Ion	Ratio	Lower	Upper
166	100		
164	80.5	63.4	95.2
129	84.4	68.4	102.6

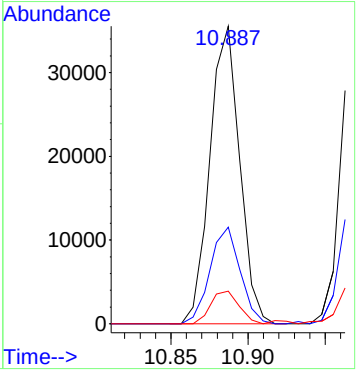


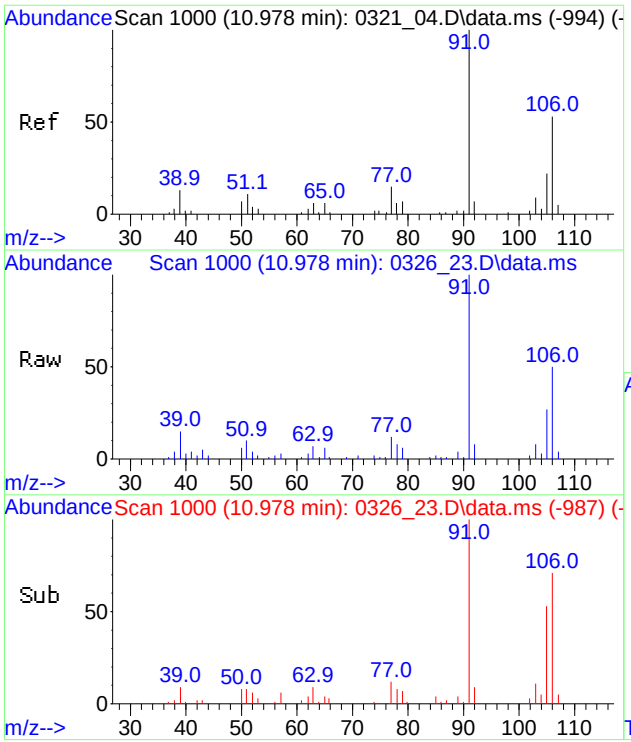


#56
Ethylbenzene
Conc: 8$ 0.733 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 91 Resp: 47553

Ion	Ratio	Lower	Upper
91	100		
106	32.9	24.0	64.0
77	10.5	0.0	33.4

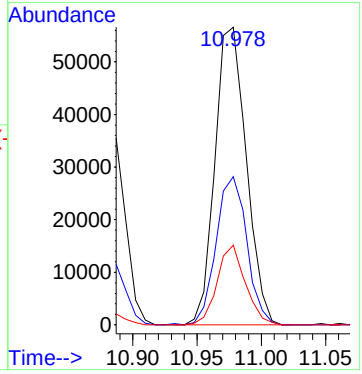


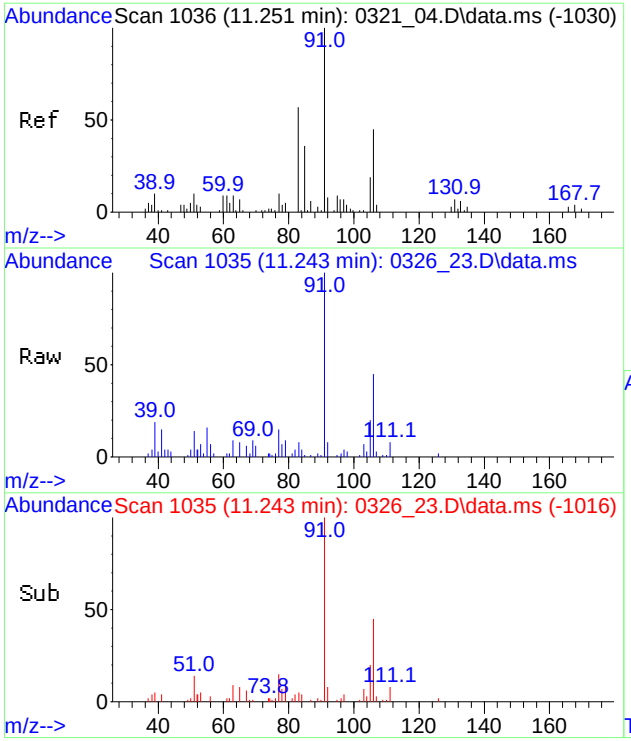


#57
m,p-Xylene
Conc: 8$ 1.913 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 91 Resp: 96301

Ion	Ratio	Lower	Upper
91	100		
106	48.9	0.0	0.0#
105	24.1	0.0	0.0#

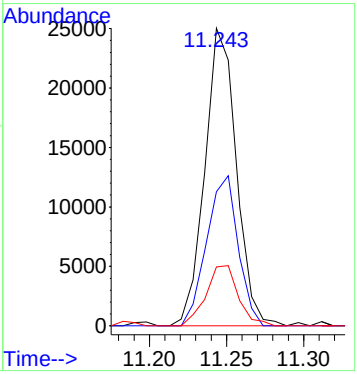


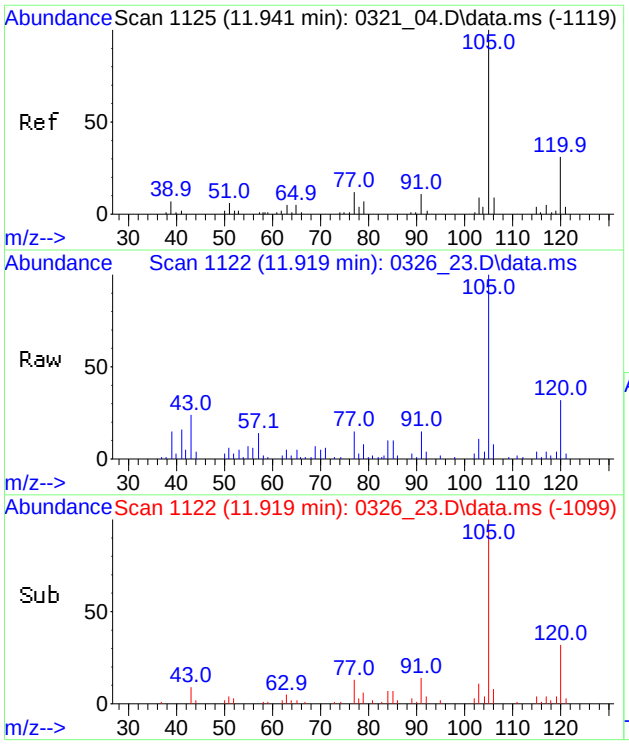


#61
o-Xylene
Conc: 8$ 0.641 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 91 Resp: 35460

Ion	Ratio	Lower	Upper
91	100		
106	50.3	31.7	47.5#
105	20.8	13.4	20.0#

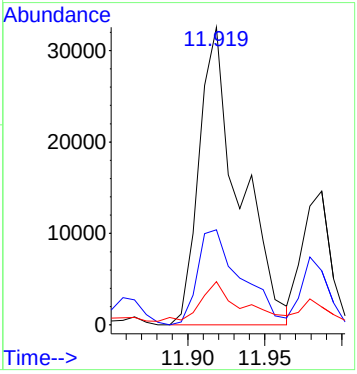


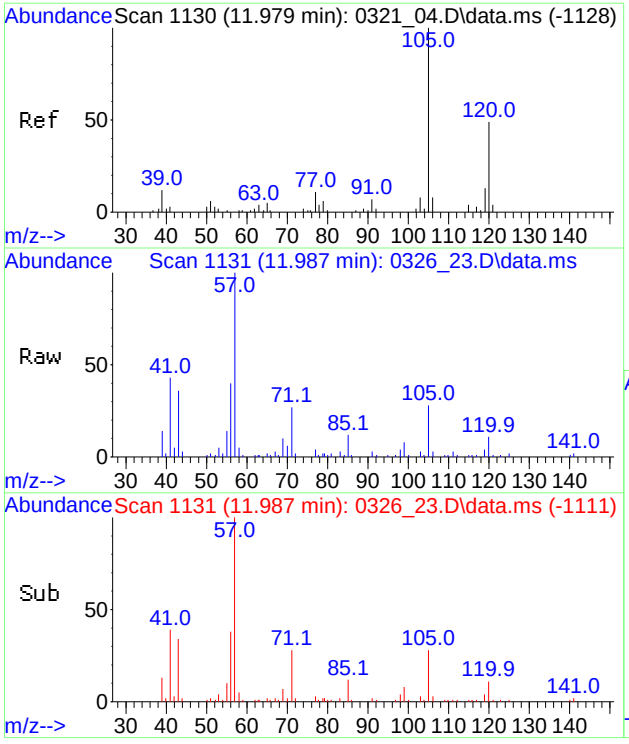


#65
4-Ethyltoluene
Conc: 8$ 0.760 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:105 Resp: 58953

Ion	Ratio	Lower	Upper
105	100		
120	35.2	30.2	45.4
77	13.9	10.5	15.7

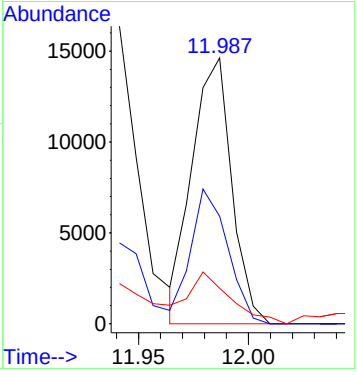


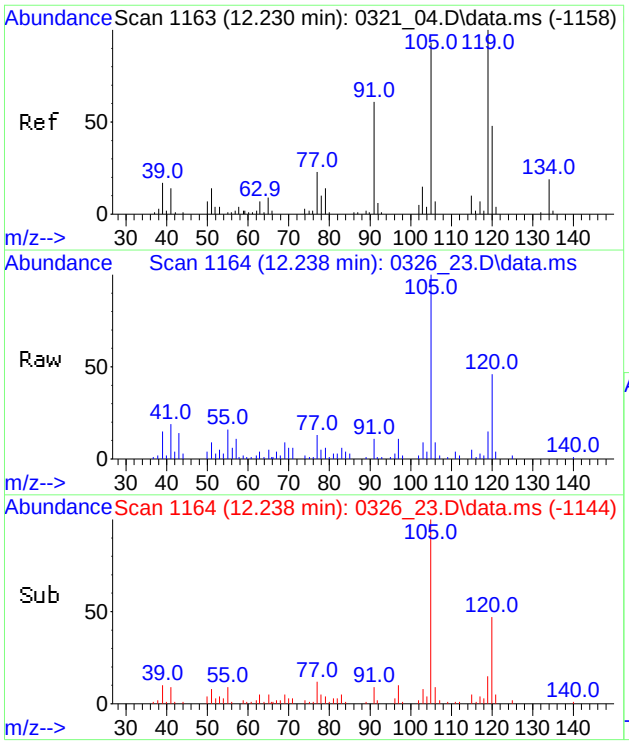


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.292 ppbv
RT: 11.987 min Scan# 1131
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:105 Resp: 18318

Ion	Ratio	Lower	Upper
105	100		
120	47.2	0.0	0.0#
77	20.3	0.2	0.2#

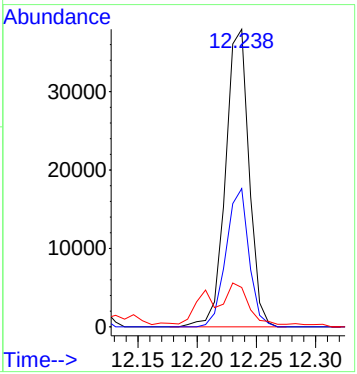


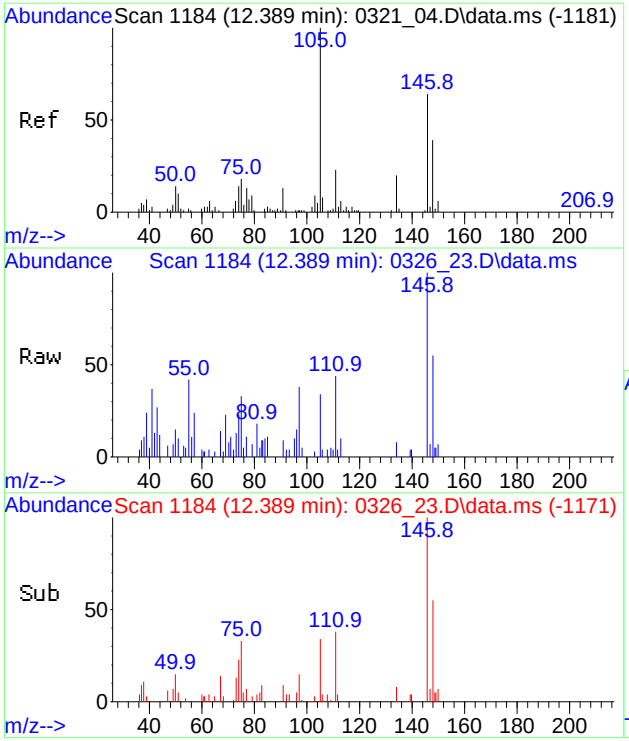


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.697 ppbv
RT: 12.238 min Scan# 1164
Delta R.T. 0.001 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:105 Resp: 52206

Ion	Ratio	Lower	Upper
105	100		
120	45.4	39.4	59.2
77	13.3	23.9	35.9#

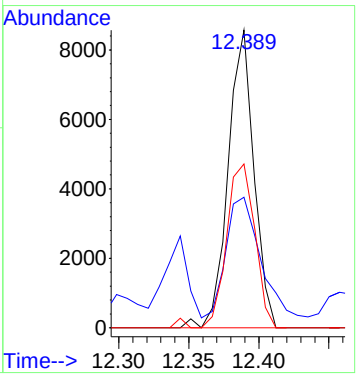


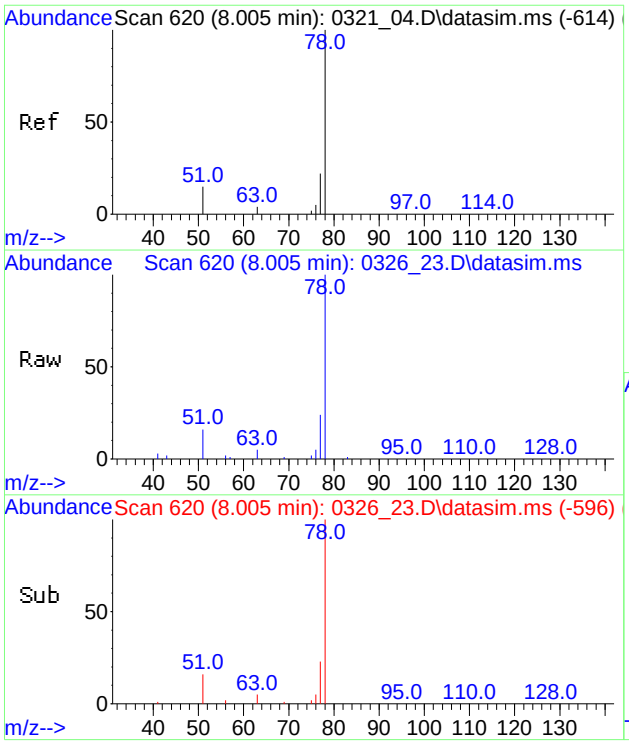


#70
1,4-Dichlorobenzene
Conc: 8$ 0.205 ppbv
RT: 12.389 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:146 Resp: 10953

Ion	Ratio	Lower	Upper
146	100		
111	53.3	0.0	0.0#
148	60.0	0.0	0.0#

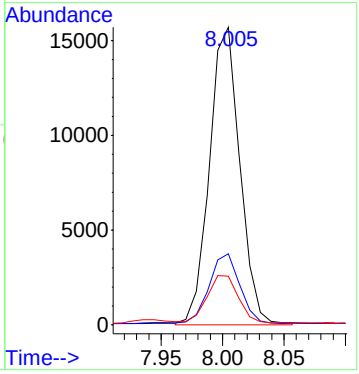


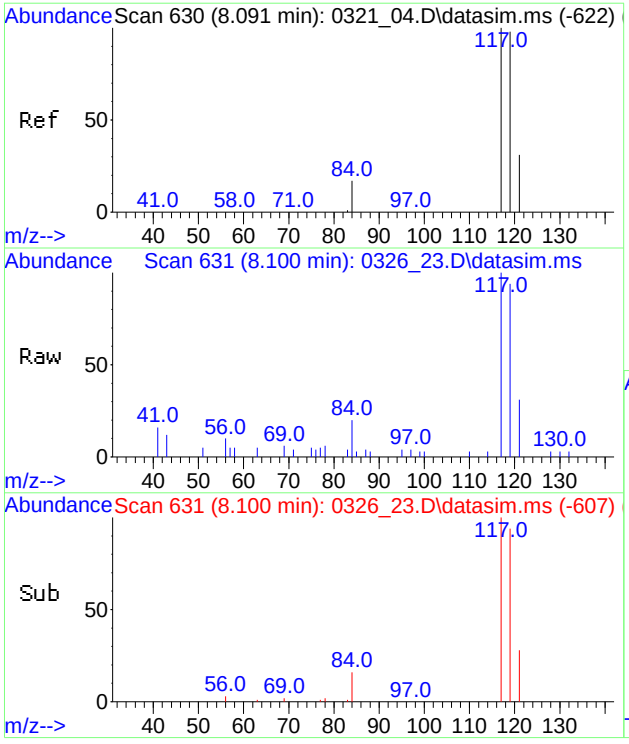


#85
Benzene(sim)
Conc: 8$ 0.542 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 78 Resp: 25479

Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.4	26.0
51	15.8	15.8	23.6

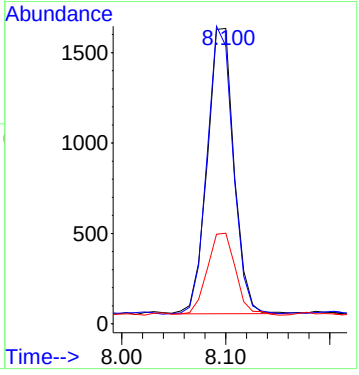


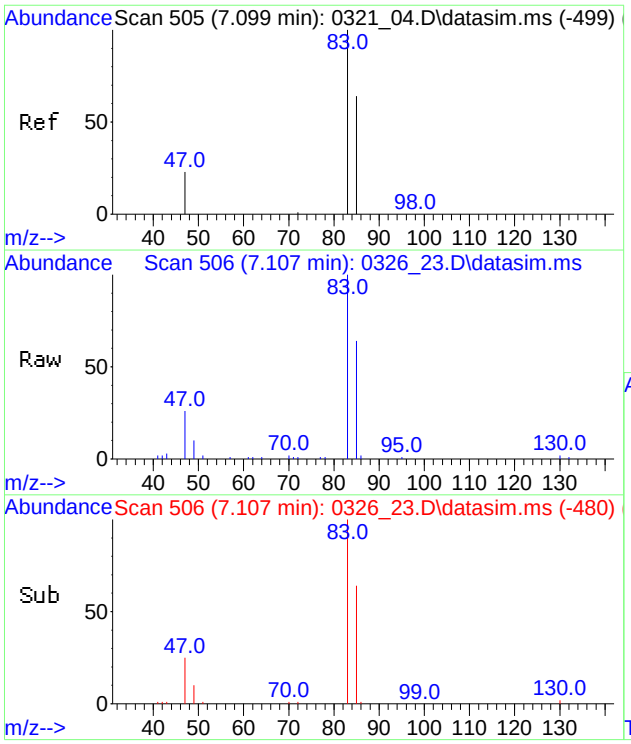


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.075 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:117 Resp: 2809

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	115.0
121	30.8	24.2	36.4

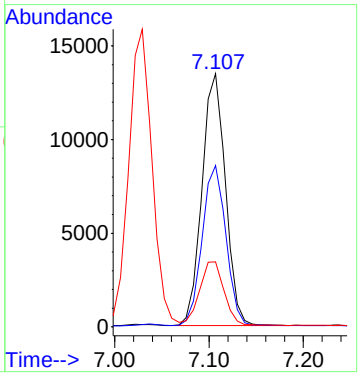


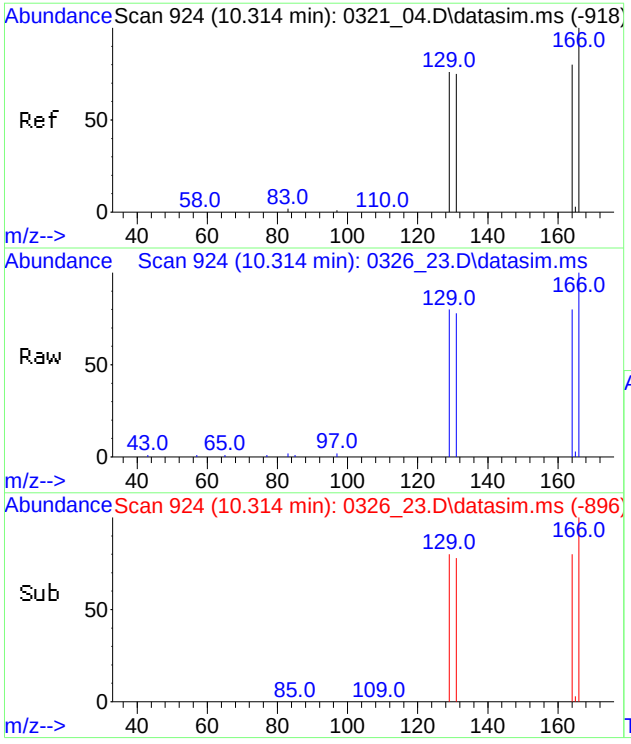


#92
Chloroform(sim)
Conc: 8$ 0.625 ppbv
RT: 7.107 min Scan# 506
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 83 Resp: 23226

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.2
47	26.7	24.2	36.4

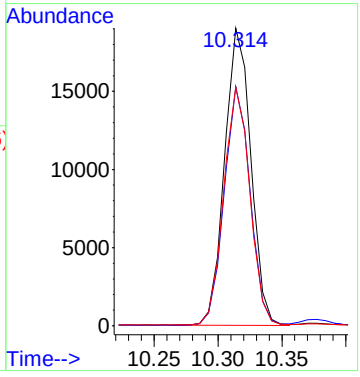


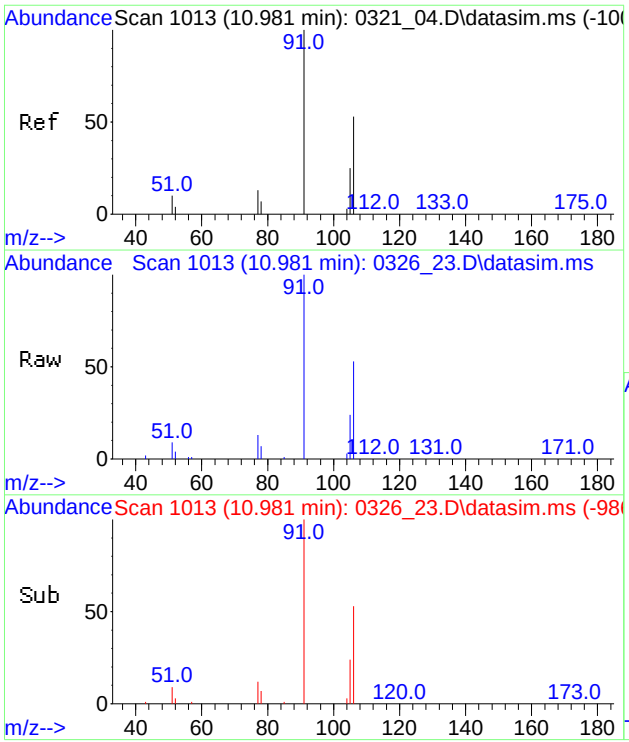


#102
Tetrachloroethene(sim)
Conc: 8$ 0.741 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:166 Resp: 27082

Ion	Ratio	Lower	Upper
166	100		
164	78.8	54.6	94.6
129	79.5	52.2	92.2

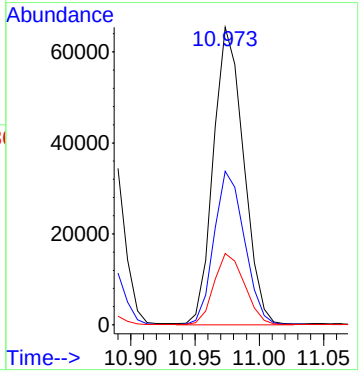


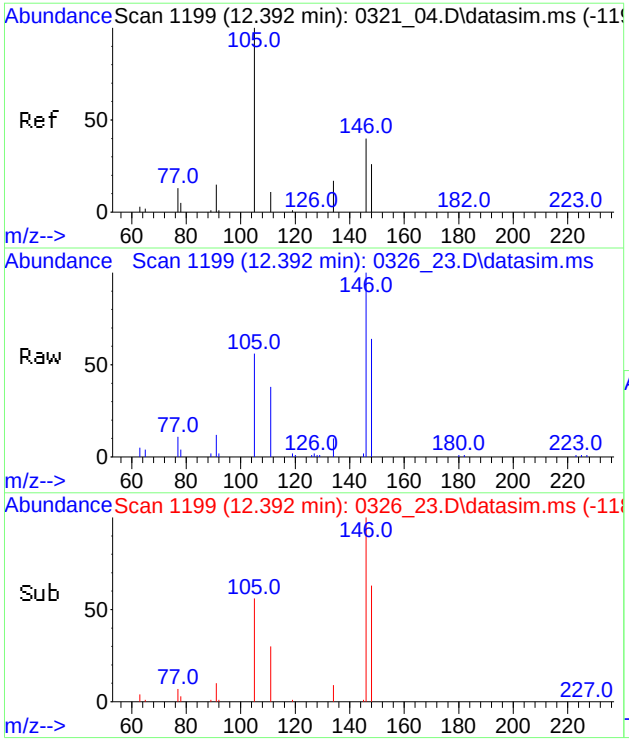


#105
m,p-Xylene(sim)
Conc: 8$ 1.786 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion: 91 Resp: 96301

Ion	Ratio	Lower	Upper
91	100		
106	48.9	39.6	48.4#
105	24.1	16.6	24.8

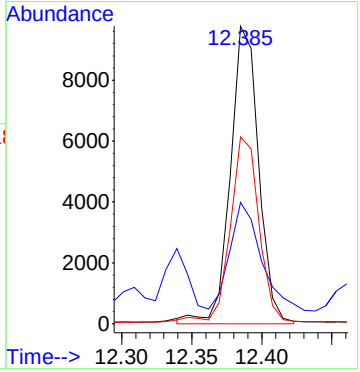




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.204 ppbv
RT: 12.389 min Scan# 1199
Delta R.T. 0.000 min
Lab File: 0326_23.D
Acq: 27 Mar 2025 1:51 am

Tgt Ion:146 Resp: 10953

Ion	Ratio	Lower	Upper
146	100		
111	53.3	32.3	72.3
148	60.0	43.4	83.4



AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-11

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91394

Canister: 28552 Lab File ID: 0326_24.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.566		0.202	0.202	r
74-87-3	Chloromethane	0.685		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	158	ES	0.531	0.531	r
67-64-1	Acetone	11.9	S	0.421	0.421	r
67-63-0	Isopropylalcohol	5.01	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	0.567		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	11.1		0.339	0.339	r
110-54-3	Hexane	0.675	S	0.284	0.284	r
67-66-3	Chloroform	0.530		0.205	0.205	r
141-78-6	Ethyl acetate	1.25		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.456		0.339	0.339	r
71-43-2	Benzene	0.534		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.288		0.215	0.215	r
142-82-5	Heptane	0.882		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	2.26		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.541		0.037	0.037	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
100-41-4	Ethylbenzene	0.562		0.230	0.230	r
179601-23-1	m,p-Xylene	1.63		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	0.146	U	0.146	0.146	r
95-47-6	o-Xylene	0.587		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.790		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.356		0.204	0.204	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

IA25-11

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91394

Canister: 28552 Lab File ID: 0326_24.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.765		0.204	0.204	r
106-46-7	1,4-Dichlorobenzene	0.222		0.166	0.166	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
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
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)	0.051	U	0.051	0.051	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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_24.D
Acq On : 27 Mar 2025 2:28 am
Operator :
Client ID : IA25-11
Lab ID : CS91394
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 05:31:13 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

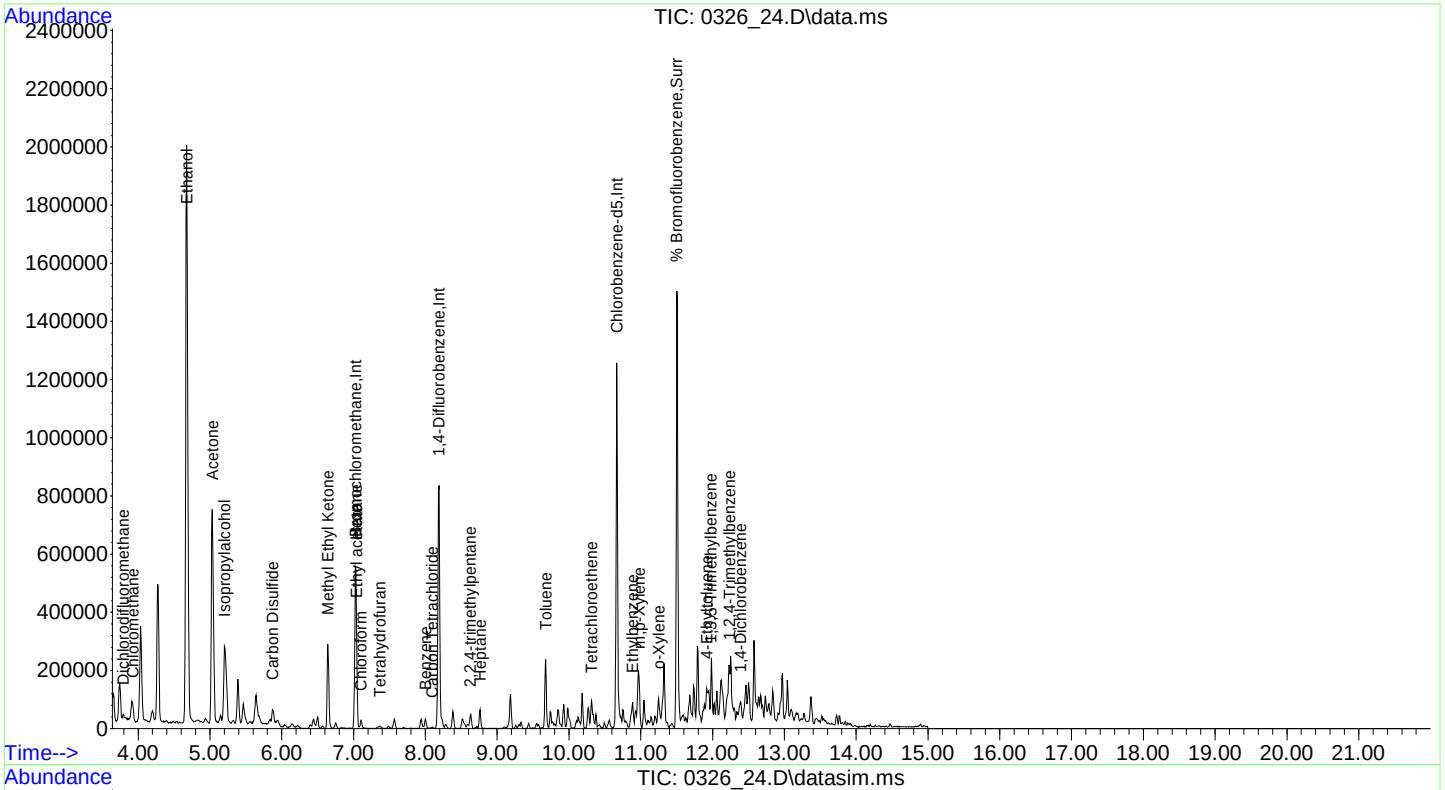
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	166788	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	595833	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	278741	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	191105	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	595833	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	278741	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	361472	11.781	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	29126	0.566	ppbv		98
4) Chloromethane	3.930	50	19129	0.685	ppbv		96
11) Ethanol	4.676	45	2372710	158.373	ppbv#		40
12) Acetone	5.033	43	790232	11.890	ppbv#		79
14) Isopropylalcohol	5.203	45	360240	5.007	ppbv#		94
20) Carbon Disulfide	5.872	76	69842	0.567	ppbv		99
25) Methyl Ethyl Ketone	6.642	43	313329	11.100	ppbv#		92
27) Hexane	7.034	57	13399	0.675	ppbv		88
28) Chloroform	7.104	83	16599	0.530	ppbv		96
29) Ethyl acetate	7.042	61	5628	1.249	ppbv#		80
30) Tetrahydrofuran	7.367	42	6280	0.456	ppbv#		71
33) Benzene	8.001	78	22394	0.534	ppbv		95
34) Carbon Tetrachloride	8.097	117	2047	0.057	ppbv		90
40) 2,2,4-trimethylpentane	8.624	57	21785	0.288	ppbv#		51
43) Heptane	8.763	43	24263	0.882	ppbv		90
48) Toluene	9.677	91	140587	2.262	ppbv#		98
52) Tetrachloroethene	10.318	166	20055	0.541	ppbv		97
56) Ethylbenzene	10.887	91	38027	0.562	ppbv		84
57) m,p-Xylene	10.978	91	85604	1.630	ppbv		100
61) o-Xylene	11.251	91	33910	0.587	ppbv		95
65) 4-Ethyltoluene	11.918	105	63941	0.790	ppbv		93
66) 1,3,5-Trimethylbenzene	11.979	105	23294	0.356	ppbv#		86
67) 1,2,4-Trimethylbenzene	12.237	105	59792	0.765	ppbv#		91
70) 1,4-Dichlorobenzene	12.389	146	12376	0.222	ppbv		100
85] Benzene(sim)	8.001	78	22394	0.465	ppbv		95
86] Carbon Tetrachloride(sim)	8.091	117	2769	0.072	ppbv		99
92] Chloroform(sim)	7.106	83	18816	0.495	ppbv		98
102] Tetrachloroethene(sim)	10.313	166	23756	0.633	ppbv		93
105] m,p-Xylene(sim)	10.978	91	85604	1.522	ppbv#		87
106] 1,1,2,2-Tetrachloroeth...	11.261	83	12573	0.239	ppbv#		26
109] 1,4-Dichlorobenzene(sim)	12.389	146	12376	0.221	ppbv		94

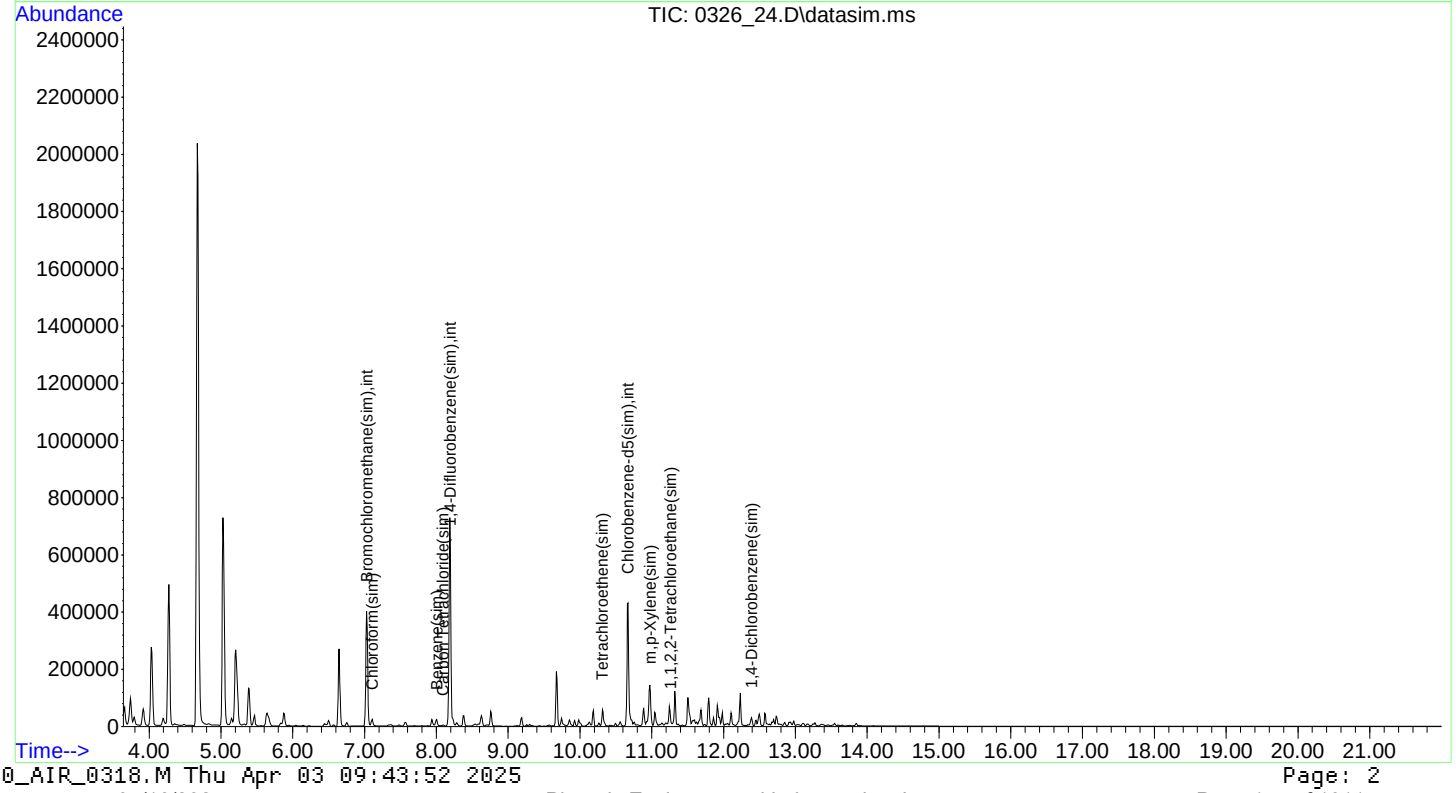
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

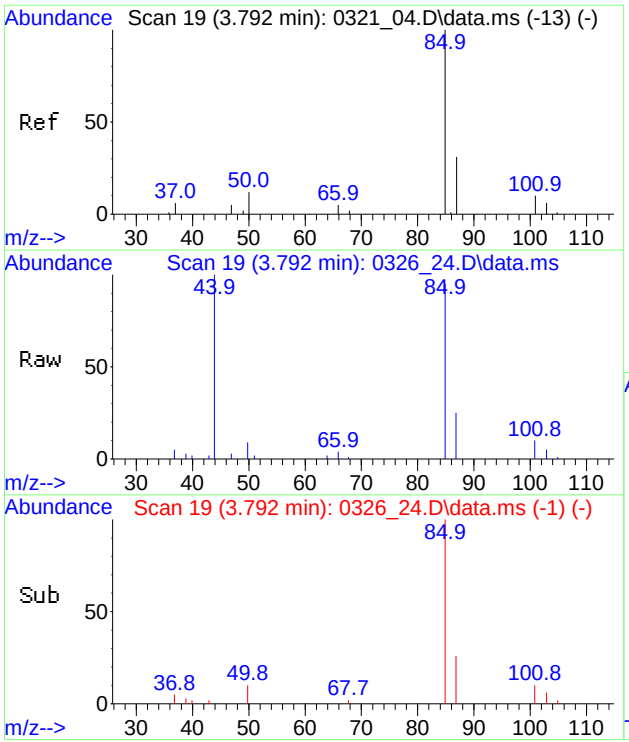
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_24.D
Acq On : 27 Mar 2025 2:28 am
Operator :
Client ID : IA25-11
Lab ID : CS91394
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 05:31:13 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



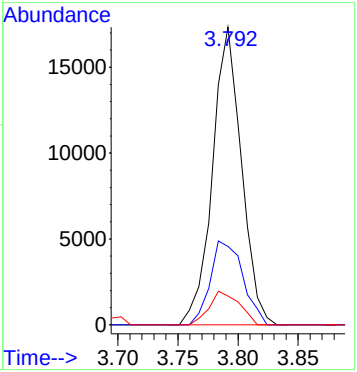


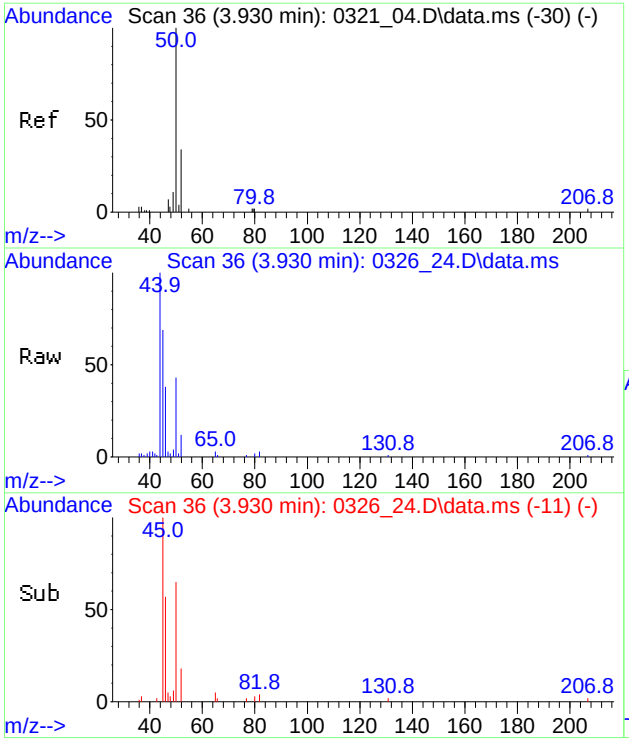


#3
Dichlorodifluoromethane
Conc: 8$ 0.566 ppbv
RT: 3.792 min Scan# 19
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 85 Resp: 29126

Ion	Ratio	Lower	Upper
85	100		
87	31.6	25.8	38.8
50	11.7	10.6	15.8

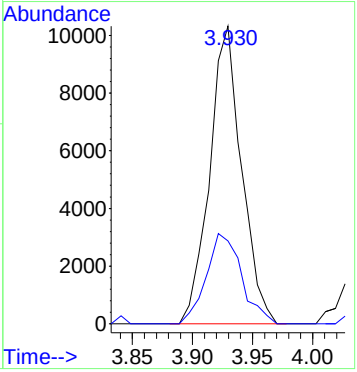


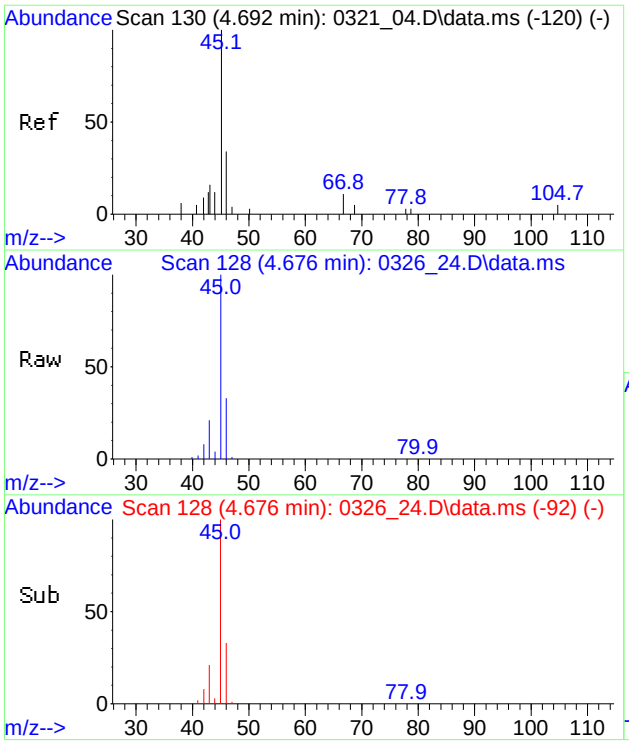


#4
Chloromethane
Conc: 8$ 0.685 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 50 Resp: 19129

Ion	Ratio	Lower	Upper
50	100		
52	33.4	15.5	55.5

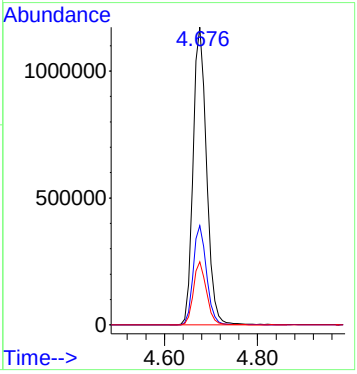


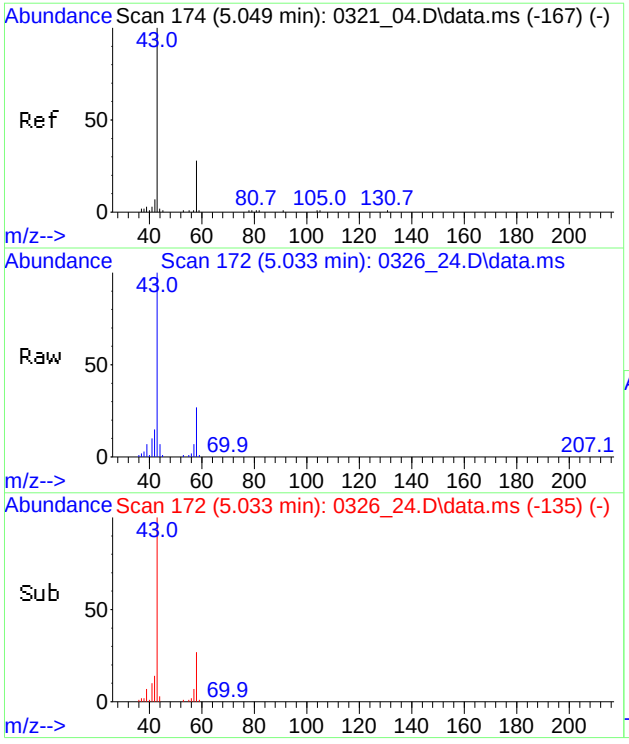


#11
Ethanol
Conc: 8$ 158.373 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 45 Resp: 2372710

Ion	Ratio	Lower	Upper
45	100		
46	32.7	0.6	0.8#
43	20.6	0.0	0.0#

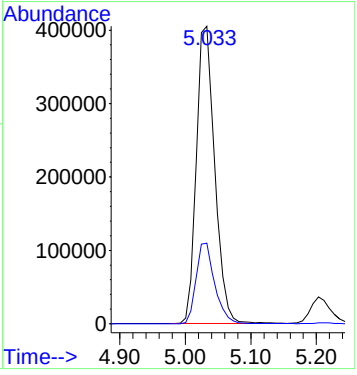


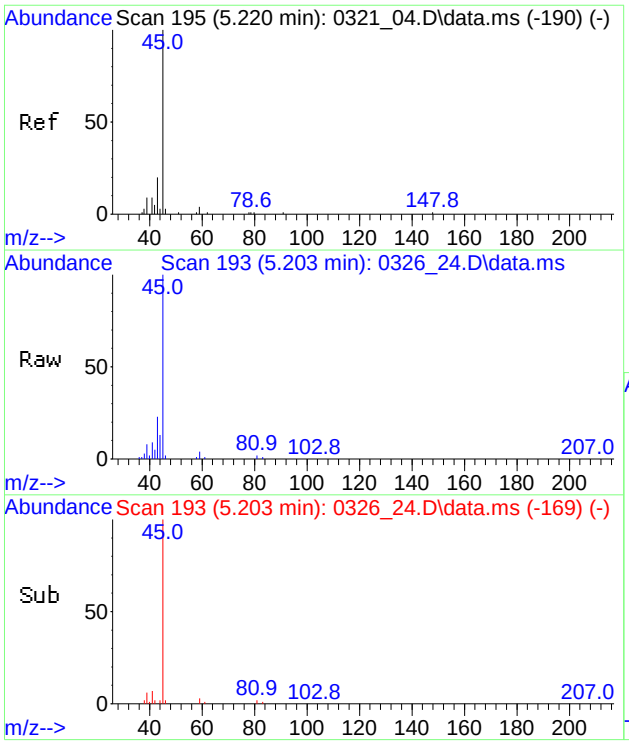


#12
Acetone
Conc: 8$ 11.890 ppbv
RT: 5.033 min Scan# 172
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 43 Resp: 790232

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.2	0.2#

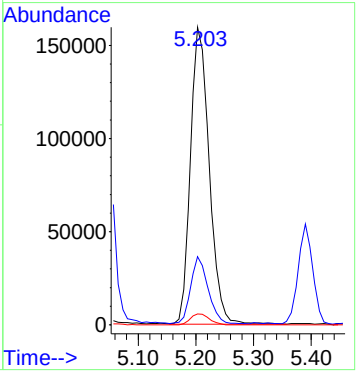


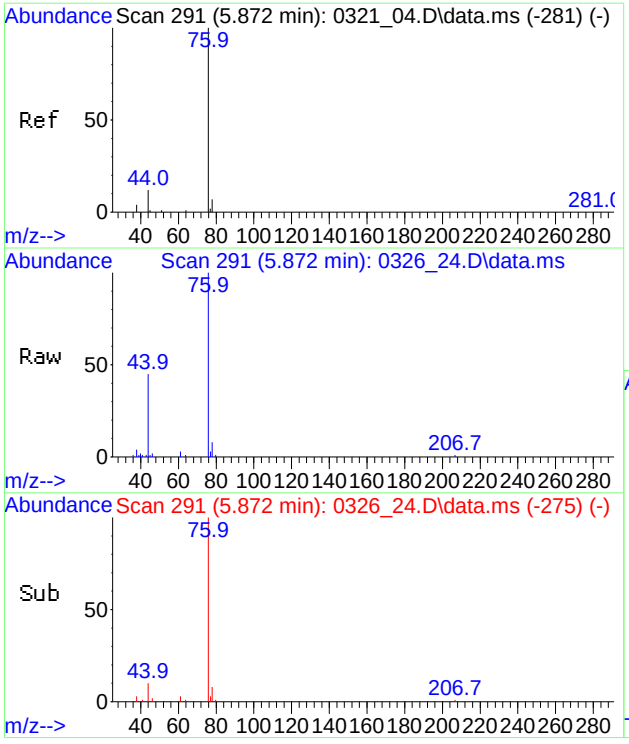


#14
Isopropylalcohol
Conc: 8$ 5.007 ppbv
RT: 5.203 min Scan# 193
Delta R.T. -0.009 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 45 Resp: 360240

Ion	Ratio	Lower	Upper
45	100		
43	20.9	0.0	0.0#
59	3.8	0.6	1.0#

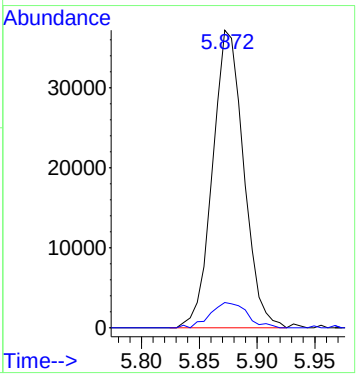


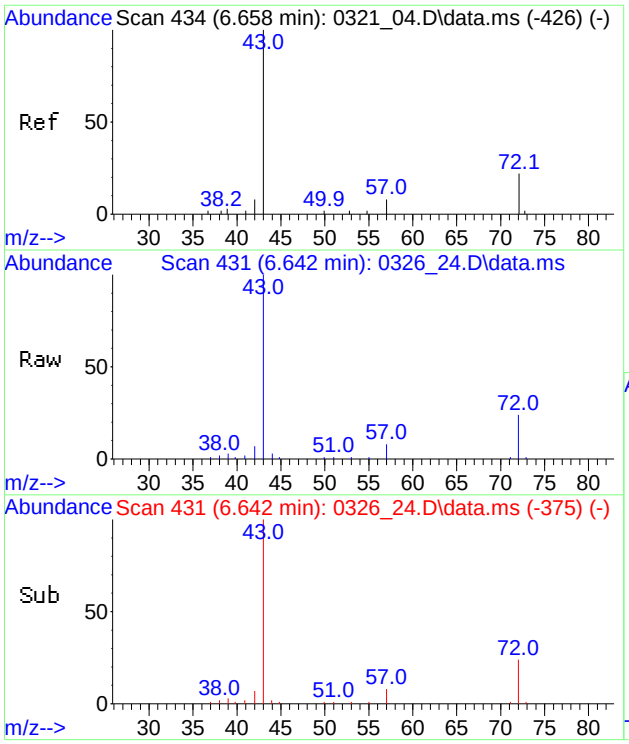


#20
Carbon Disulfide
Conc: 8$ 0.567 ppbv
RT: 5.872 min Scan# 291
Delta R.T. -0.006 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 76 Resp: 69842

Ion	Ratio	Lower	Upper
76	100		
78	10.1	8.3	12.5

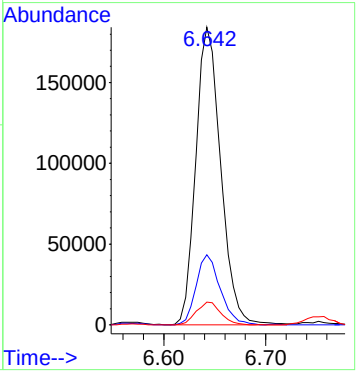


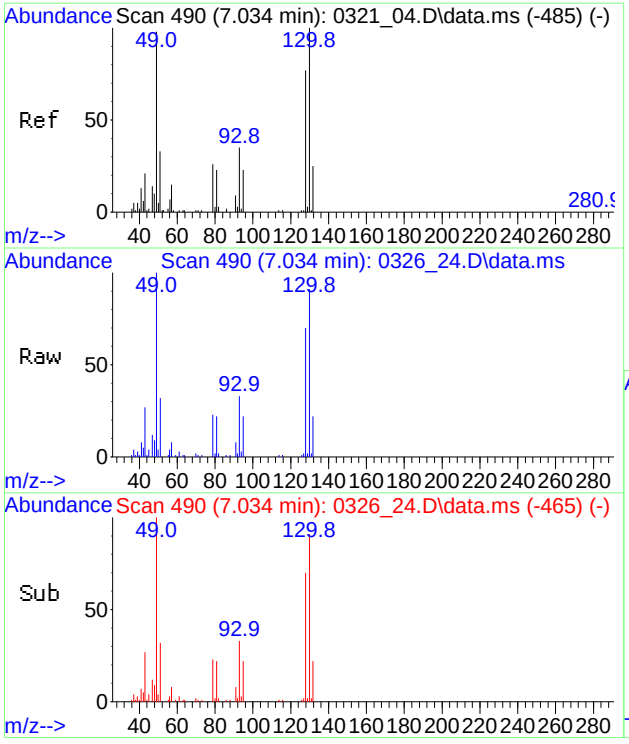


#25
Methyl Ethyl Ketone
Conc: 8$ 11.100 ppbv
RT: 6.642 min Scan# 431
Delta R.T. -0.006 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 43 Resp: 313329

Ion	Ratio	Lower	Upper
43	100		
72	22.6	0.0	0.0#
57	7.5	0.2	0.4#

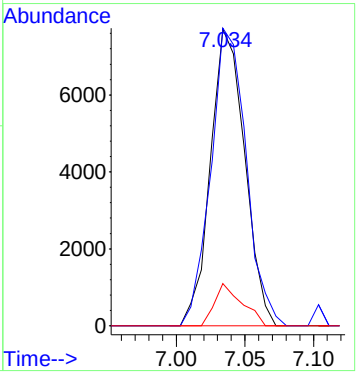


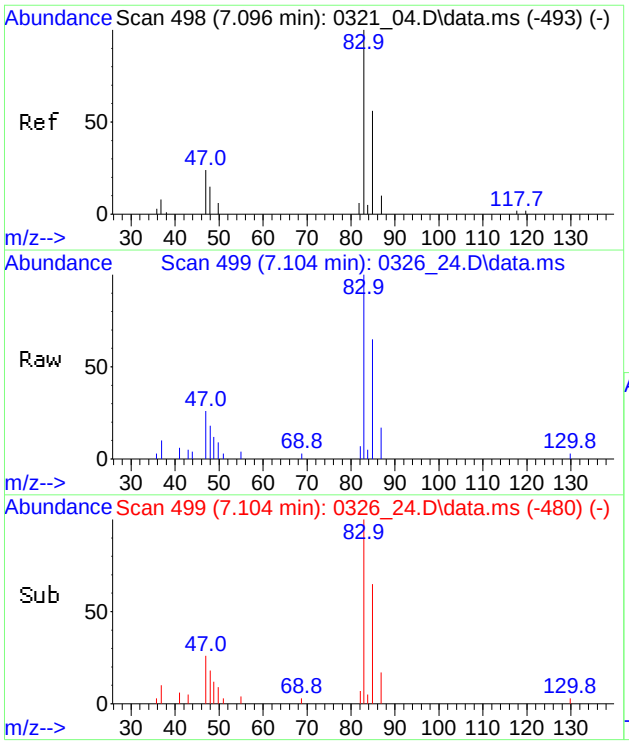


#27
Hexane
Conc: 8$ 0.675 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 57 Resp: 13399

Ion	Ratio	Lower	Upper
57	100		
41	103.6	73.0	109.6
86	11.4	9.8	14.8

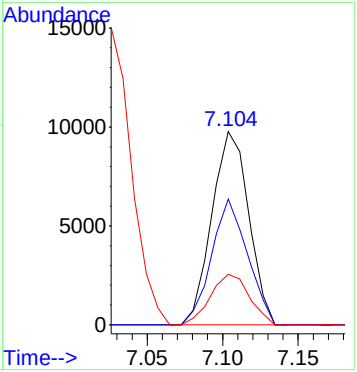


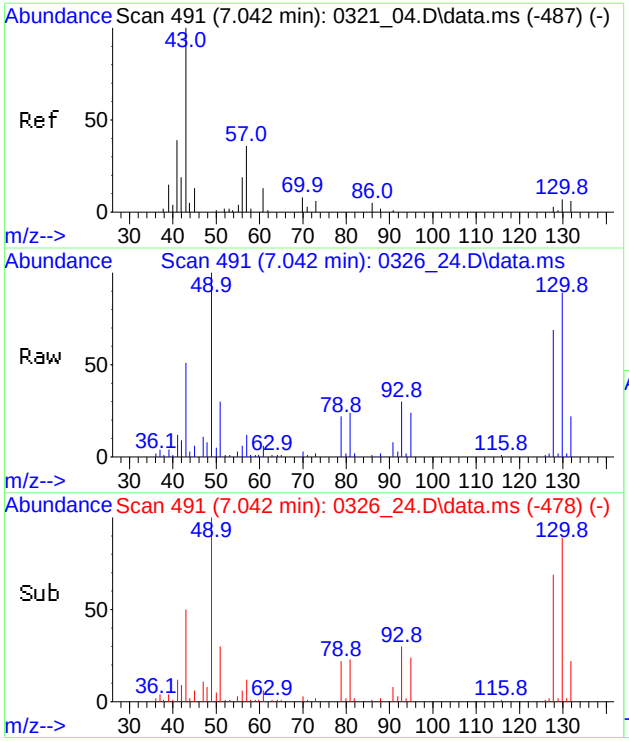


#28
Chloroform
Conc: 8$ 0.530 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 83 Resp: 16599

Ion	Ratio	Lower	Upper
83	100		
85	63.5	39.7	79.7
47	27.6	7.3	47.3

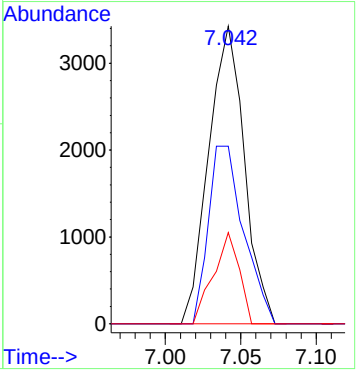


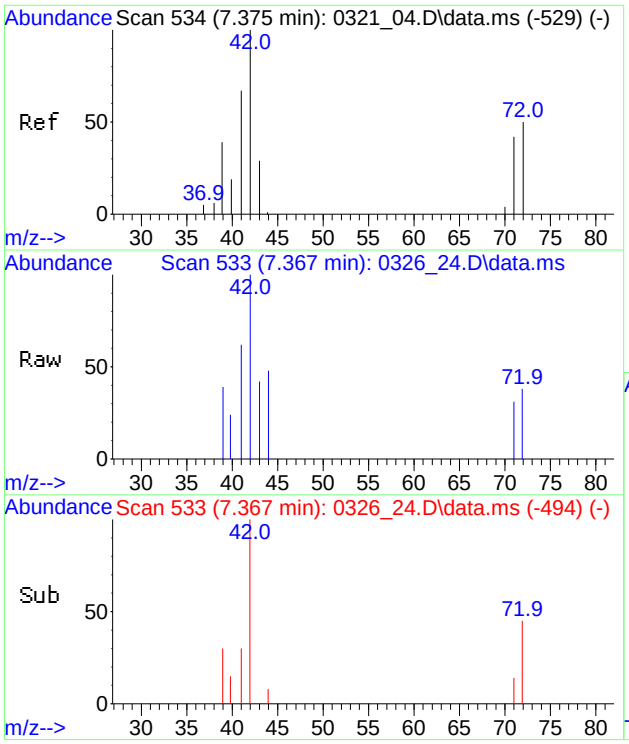


#29
Ethyl acetate
Conc: 8$ 1.249 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 61 Resp: 5628

Ion	Ratio	Lower	Upper
61	100		
70	59.0	62.8	94.2#
88	22.0	14.7	22.1

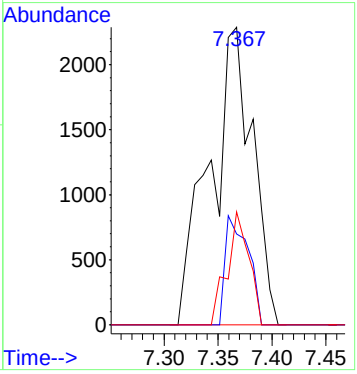


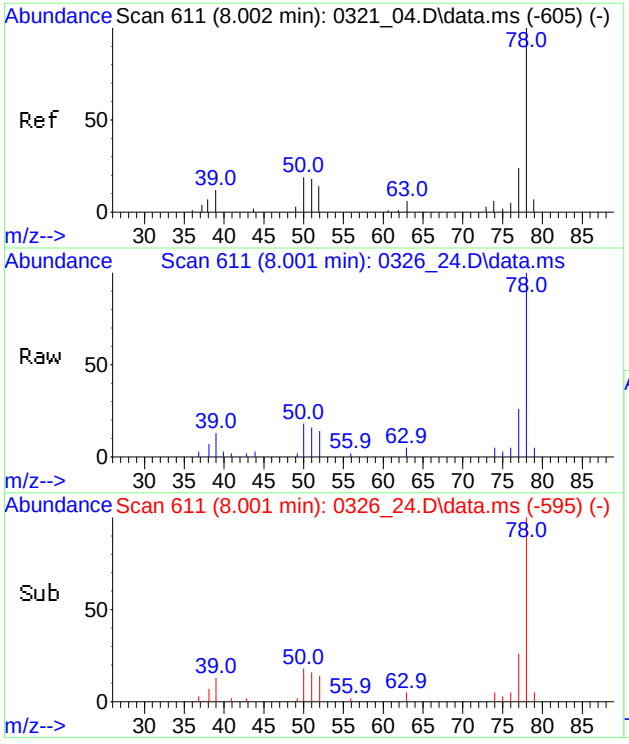


#30
Tetrahydrofuran
Conc: 8$ 0.456 ppbv
RT: 7.367 min Scan# 533
Delta R.T. 0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 42 Resp: 6280

Ion	Ratio	Lower	Upper
42	100		
71	19.8	29.4	44.0#
72	19.5	30.2	45.4#

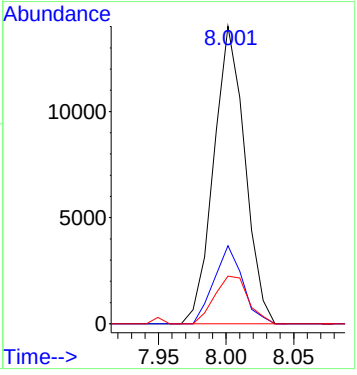


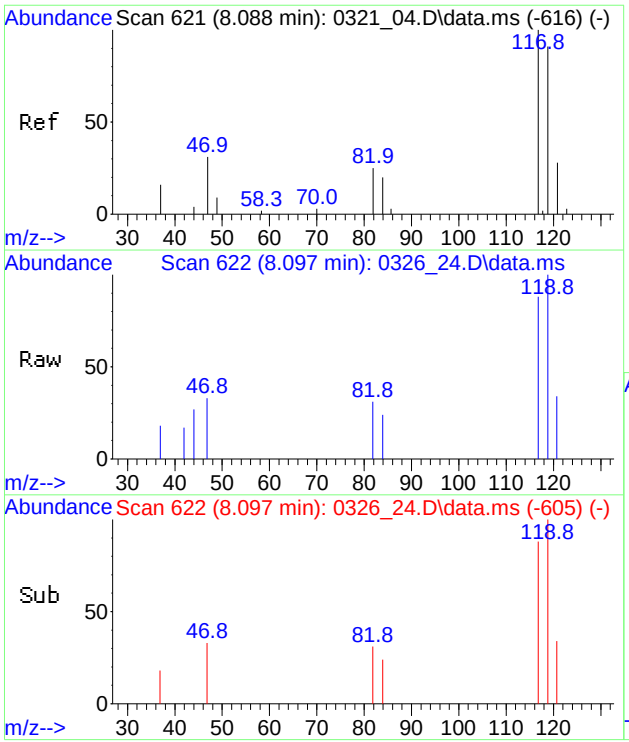


#33
Benzene
Conc: 8$ 0.534 ppbv
RT: 8.001 min Scan# 611
Delta R.T. -0.001 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 78 Resp: 22394

Ion	Ratio	Lower	Upper
78	100		
77	24.2	17.4	26.0
51	17.4	15.8	23.6

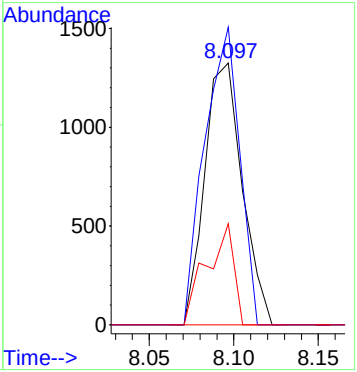


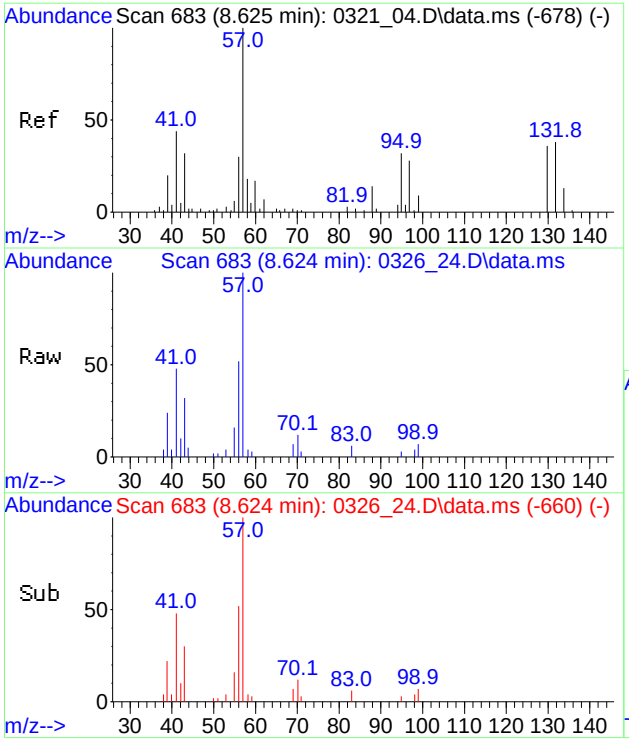


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:117 Resp: 2047

Ion	Ratio	Lower	Upper
117	100		
119	105.7	74.9	114.9
121	28.1	11.2	51.2

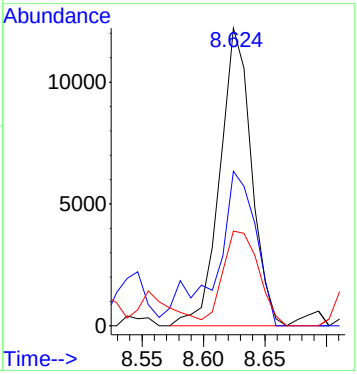


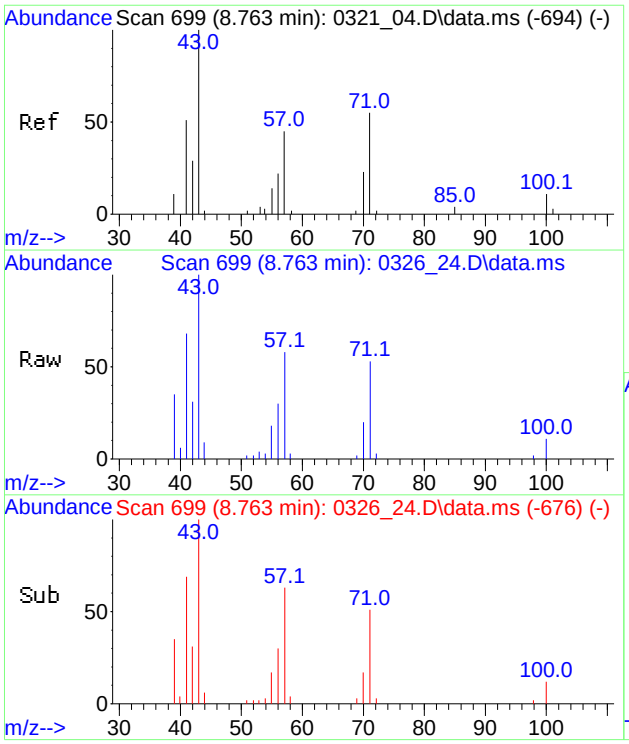


#40
2,2,4-trimethylpentane
Conc: 8$ 0.288 ppbv
RT: 8.624 min Scan# 683
Delta R.T. -0.001 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 57 Resp: 21785

Ion	Ratio	Lower	Upper
57	100		
56	66.3	22.0	33.0#
43	36.2	20.4	30.6#

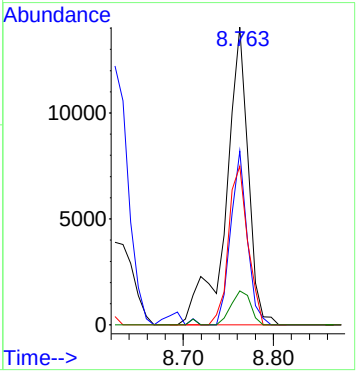


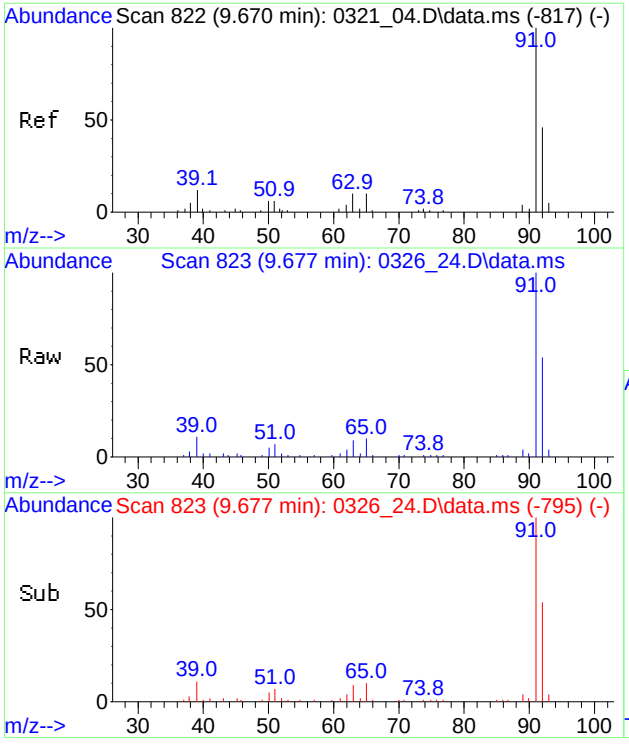


#43
Heptane
Conc: 8$ 0.882 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 43 Resp: 24263

Ion	Ratio	Lower	Upper
43	100		
57	43.1	39.4	59.0
71	46.0	44.5	66.7
100	10.0	8.2	12.2

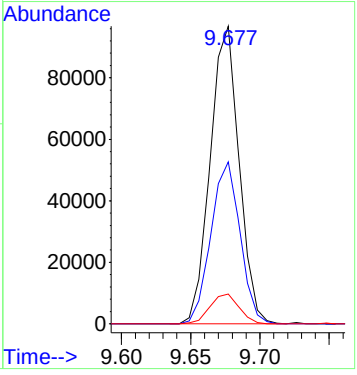


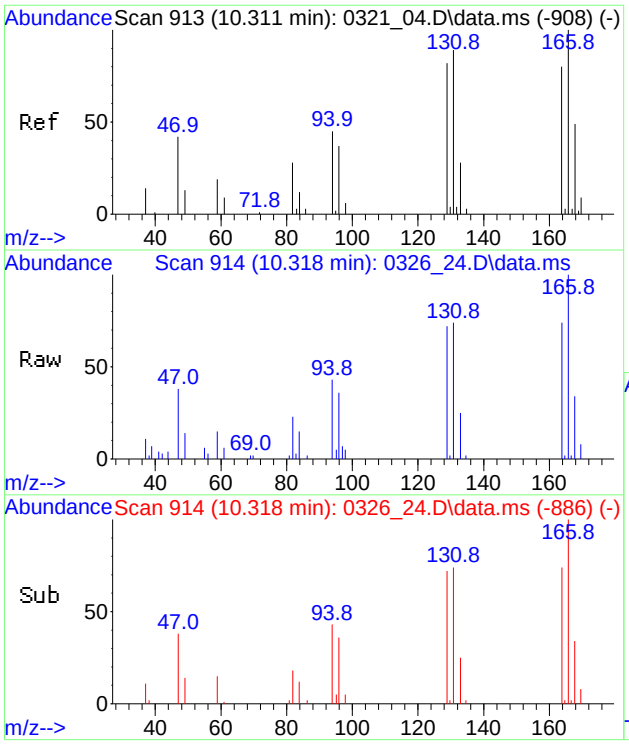


#48
Toluene
Conc: 8$ 2.262 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 91 Resp: 140587

Ion	Ratio	Lower	Upper
91	100		
92	55.0	43.8	65.8
65	10.1	10.6	16.0#

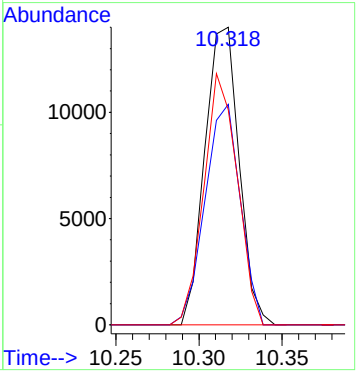


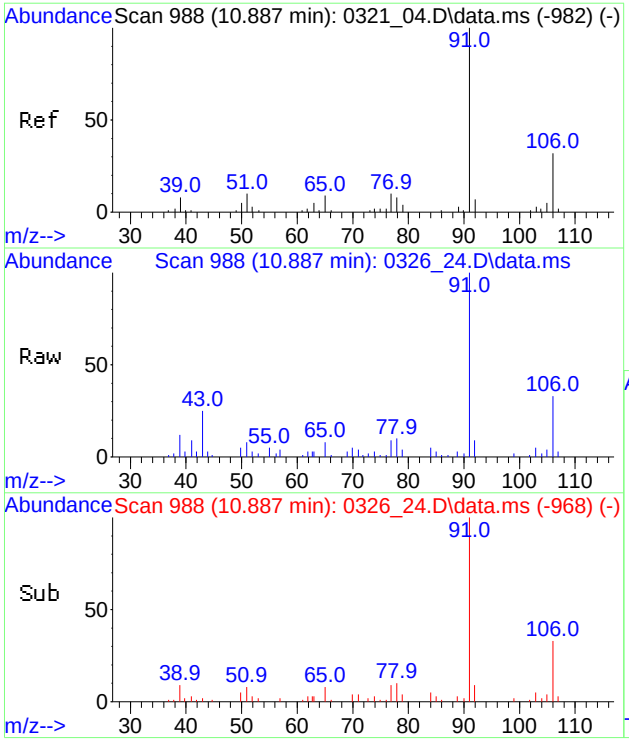


#52
Tetrachloroethene
Conc: 8$ 0.541 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:166 Resp: 20055

Ion	Ratio	Lower	Upper
166	100		
164	76.5	63.4	95.2
129	82.2	68.4	102.6

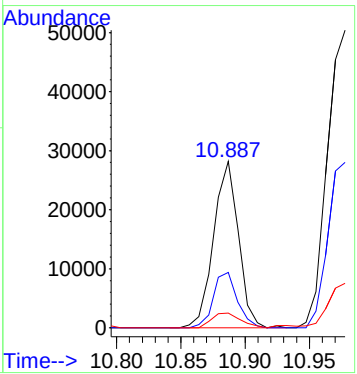


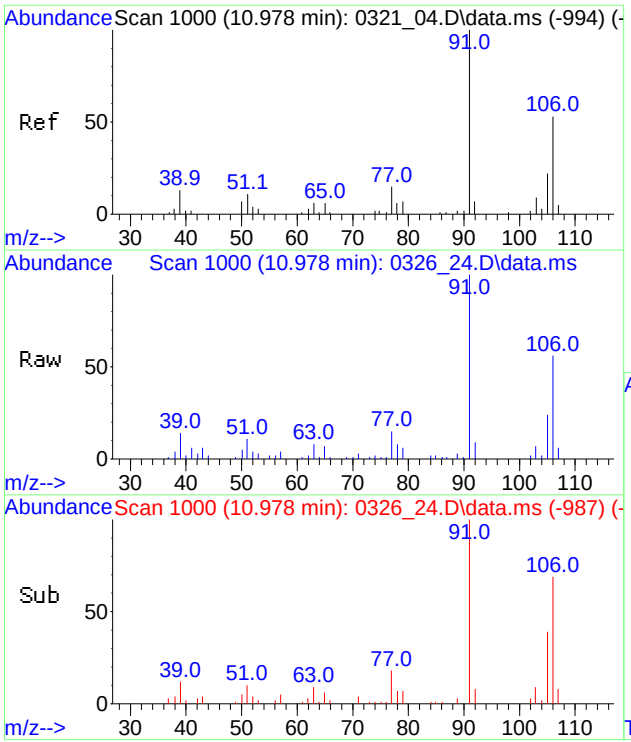


#56
Ethylbenzene
Conc: 8$ 0.562 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 91 Resp: 38027

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.0	64.0
77	10.4	0.0	33.4

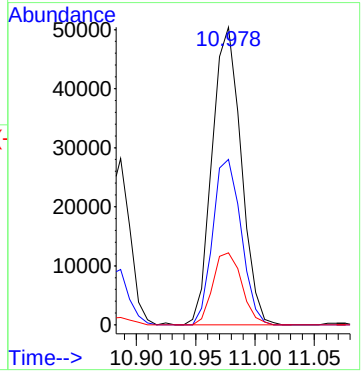


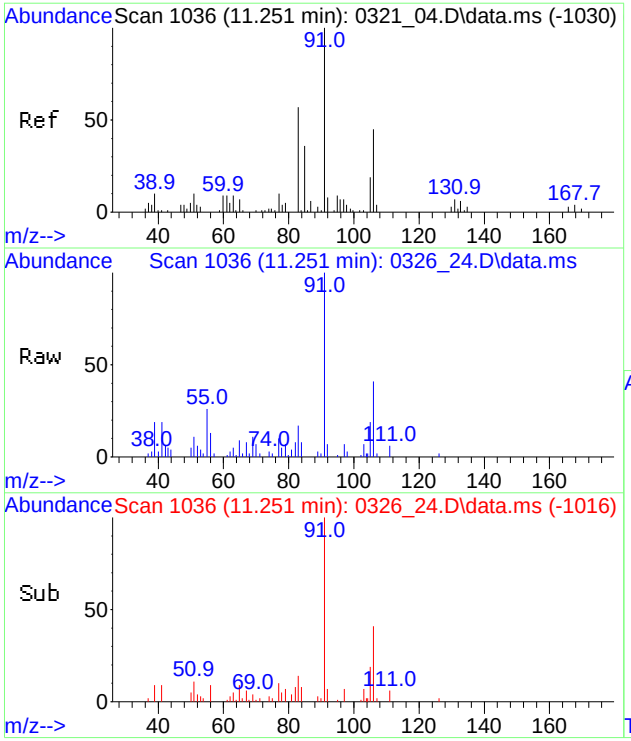


#57
m,p-Xylene
Conc: 8$ 1.630 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 91 Resp: 85604

Ion	Ratio	Lower	Upper
91	100		
106	54.4	0.0	0.0#
105	24.2	0.0	0.0#

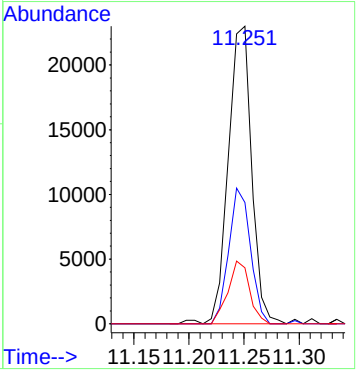


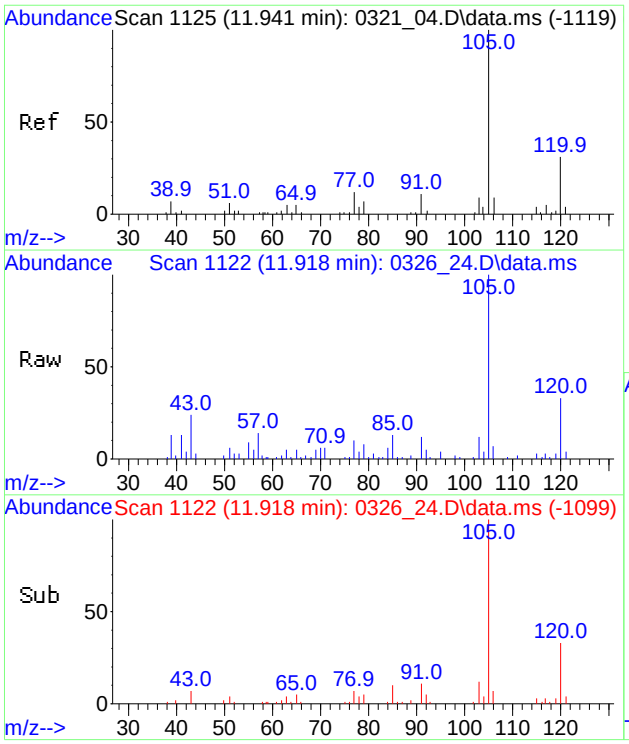


#61
o-Xylene
Conc: 8$ 0.587 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 91 Resp: 33910

Ion	Ratio	Lower	Upper
91	100		
106	42.2	31.7	47.5
105	19.4	13.4	20.0

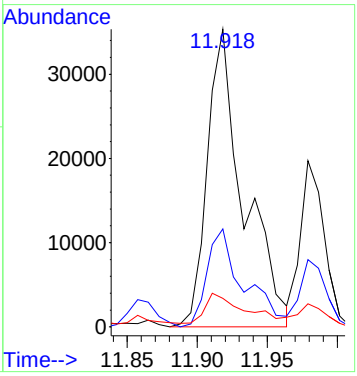


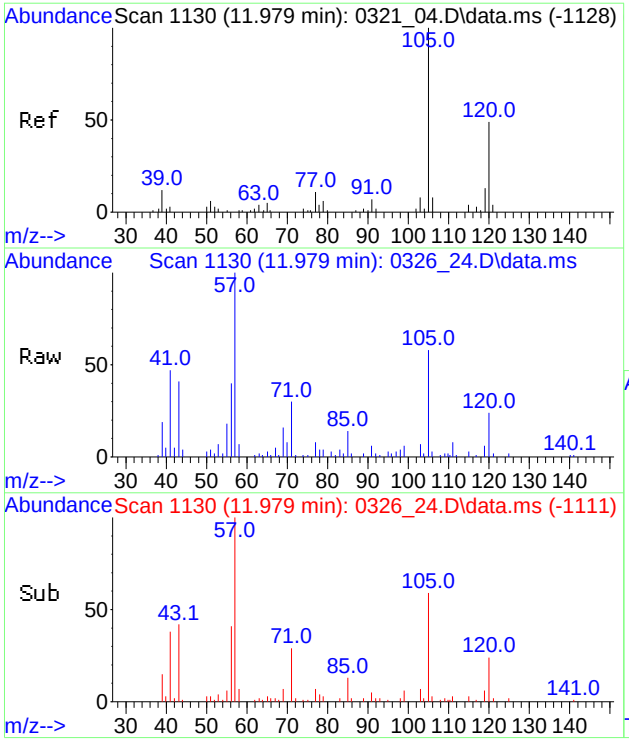


#65
4-Ethyltoluene
Conc: 8$ 0.790 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:105 Resp: 63941

Ion	Ratio	Lower	Upper
105	100		
120	33.3	30.2	45.4
77	11.2	10.5	15.7

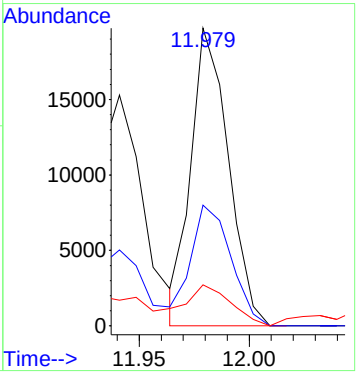


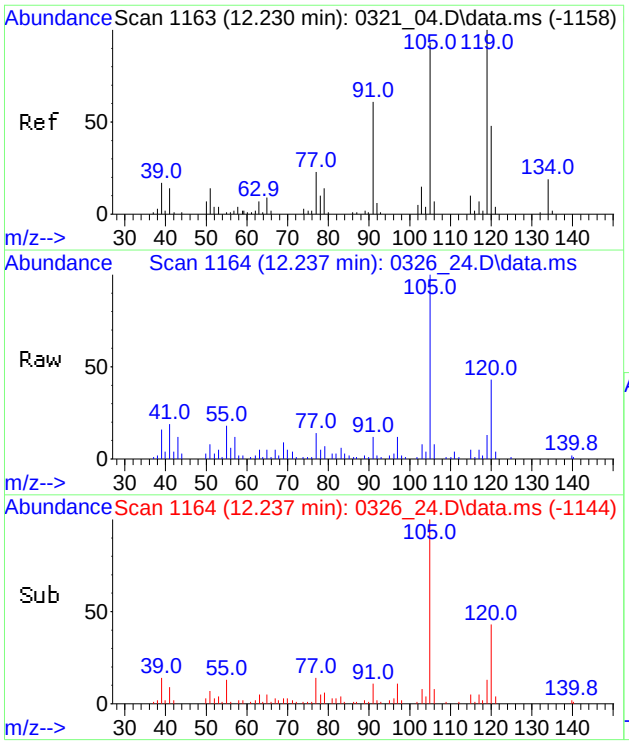


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.356 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:105 Resp: 23294

Ion	Ratio	Lower	Upper
105	100		
120	43.6	0.0	0.0#
77	17.9	0.2	0.2#

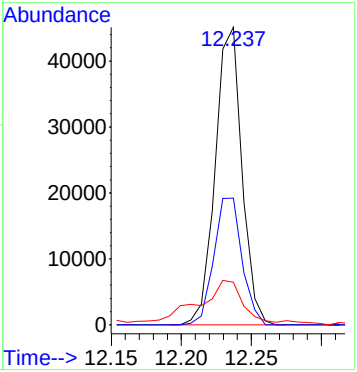


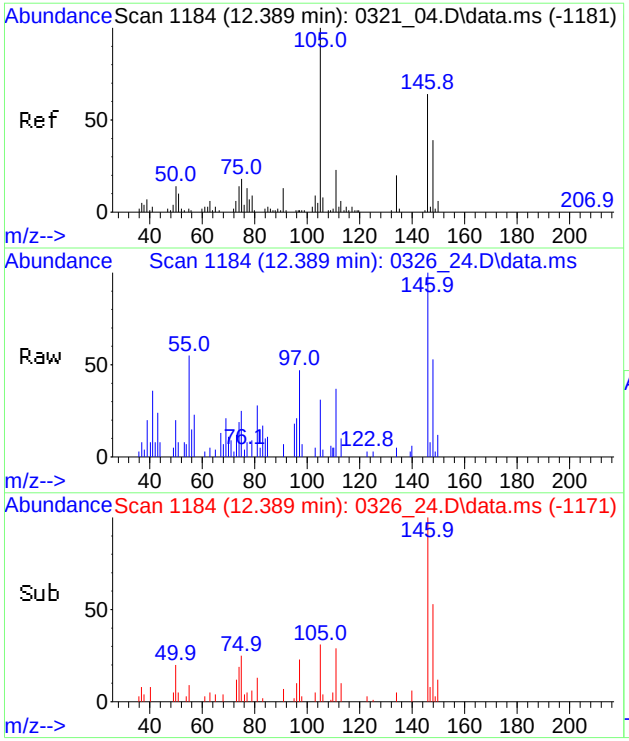


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.765 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:105 Resp: 59792

Ion	Ratio	Lower	Upper
105	100		
120	45.0	39.4	59.2
77	21.9	23.9	35.9#

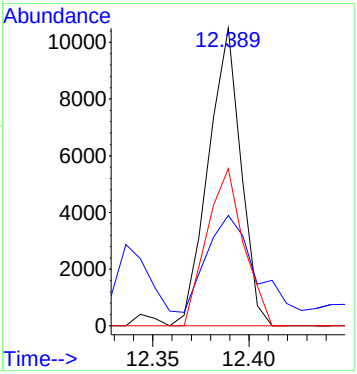


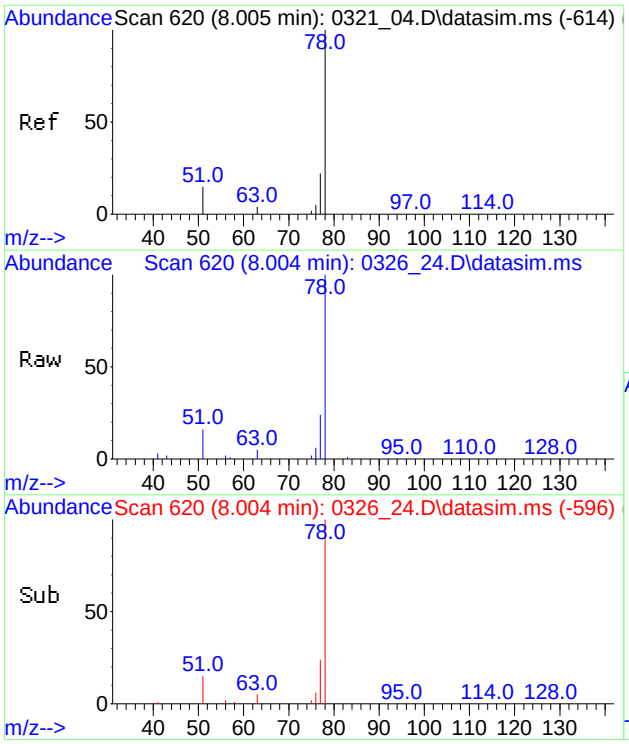


#70
1,4-Dichlorobenzene
Conc: 8$ 0.222 ppbv
RT: 12.389 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:146 Resp: 12376

Ion	Ratio	Lower	Upper
146	100		
111	46.5	0.0	0.0#
148	59.8	0.0	0.0#

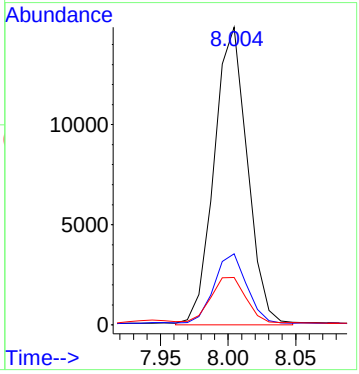


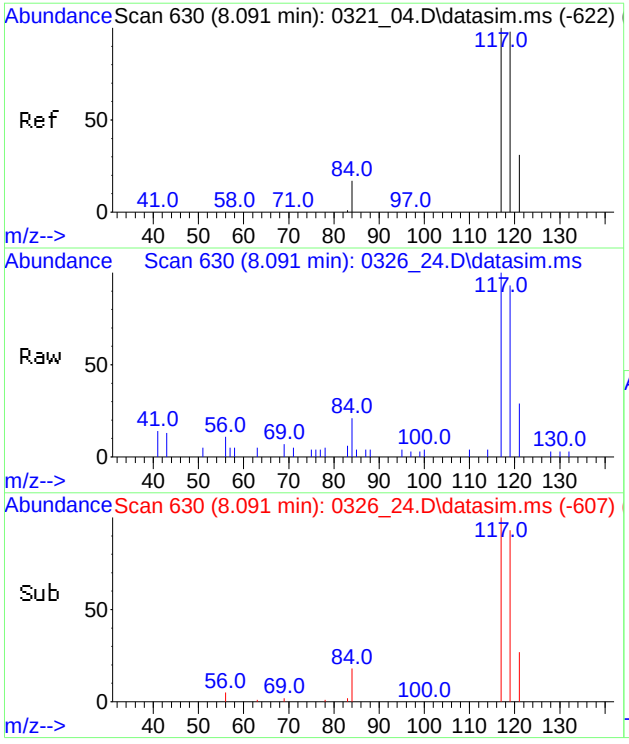


#85
Benzene(sim)
Conc: 8$ 0.465 ppbv
RT: 8.001 min Scan# 620
Delta R.T. -0.001 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 78 Resp: 22394

Ion	Ratio	Lower	Upper
78	100		
77	24.2	17.4	26.0
51	17.4	15.8	23.6

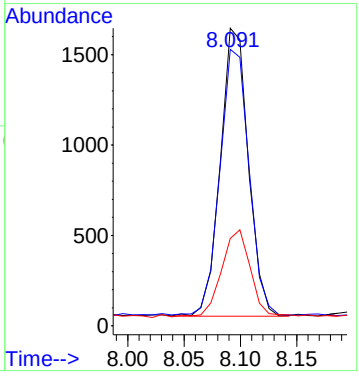


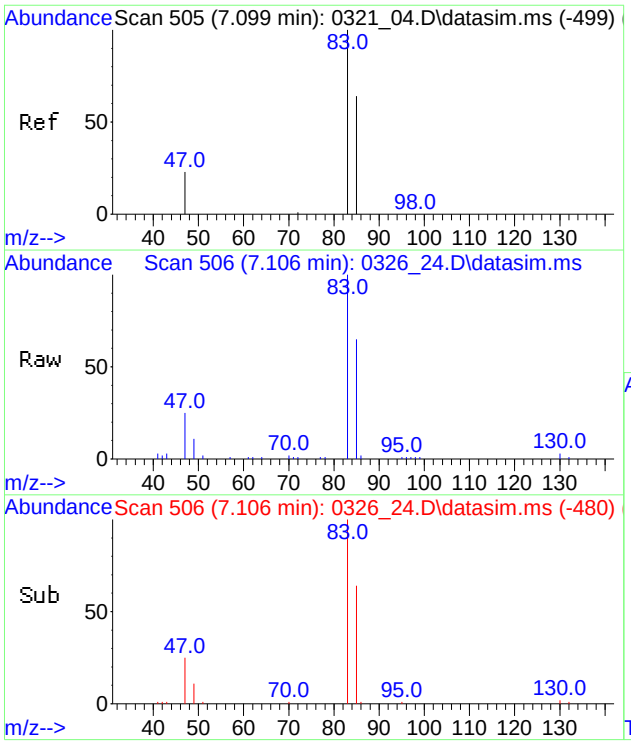


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.072 ppbv
RT: 8.091 min Scan# 630
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:117 Resp: 2769

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
121	31.5	24.2	36.4

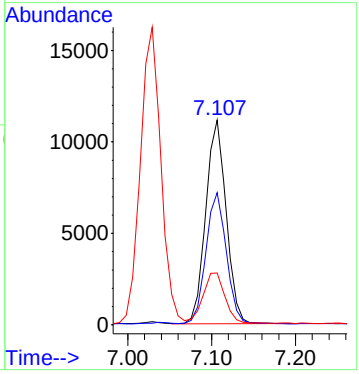


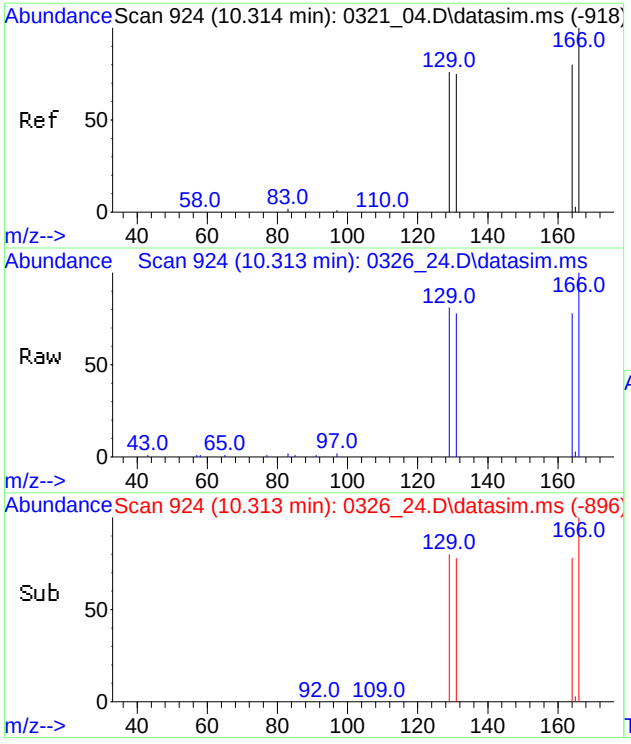


#92
Chloroform(sim)
Conc: 8$ 0.495 ppbv
RT: 7.106 min Scan# 506
Delta R.T. -0.001 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 83 Resp: 18816

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2
47	27.2	24.2	36.4

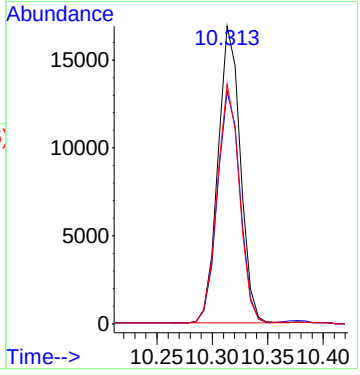


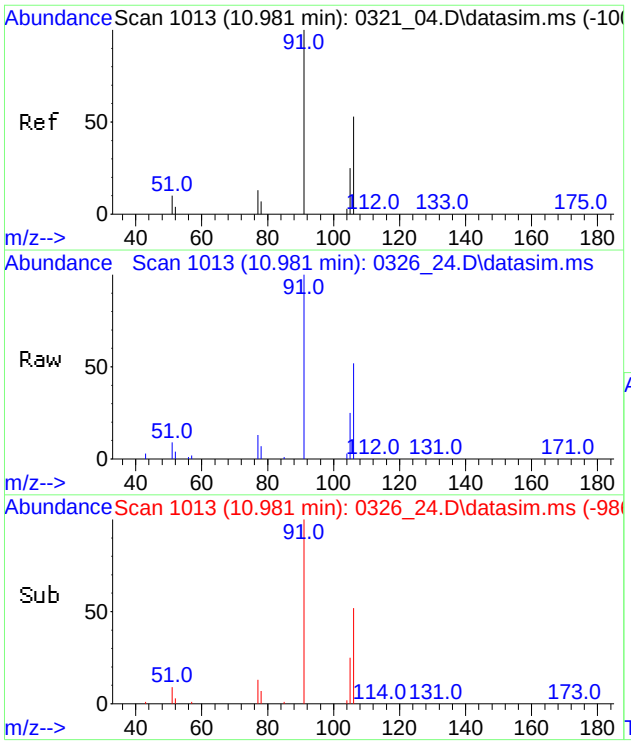


#102
Tetrachloroethene(sim)
Conc: 8$ 0.633 ppbv
RT: 10.313 min Scan# 924
Delta R.T. -0.001 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:166 Resp: 23756

Ion	Ratio	Lower	Upper
166	100		
164	79.2	54.6	94.6
129	79.5	52.2	92.2

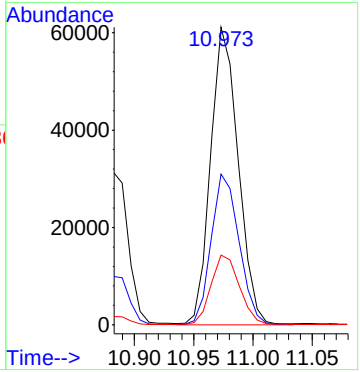


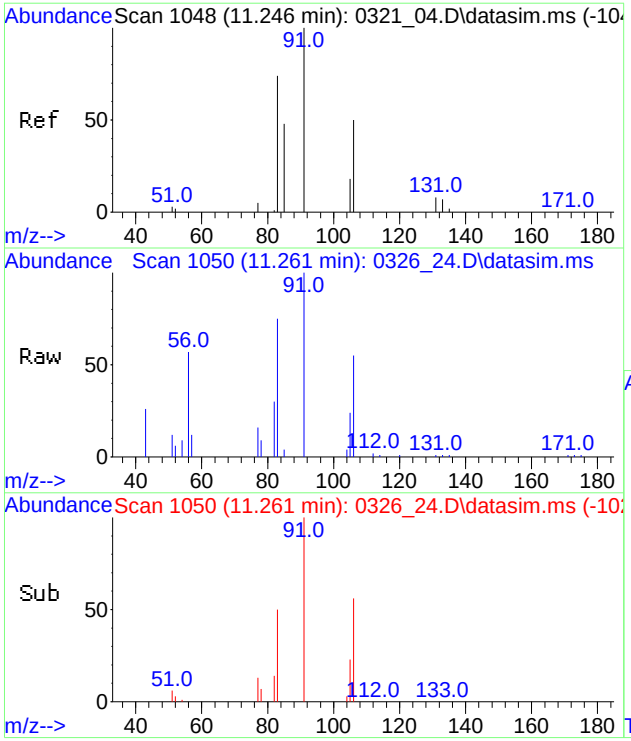


#105
m,p-Xylene(sim)
Conc: 8$ 1.522 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 91 Resp: 85604

Ion	Ratio	Lower	Upper
91	100		
106	54.4	39.6	48.4#
105	24.2	16.6	24.8

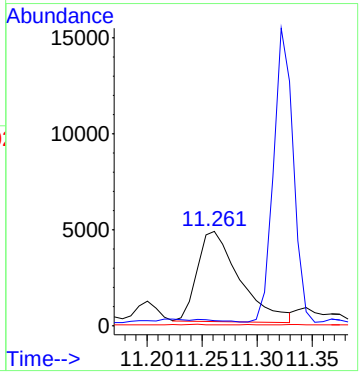


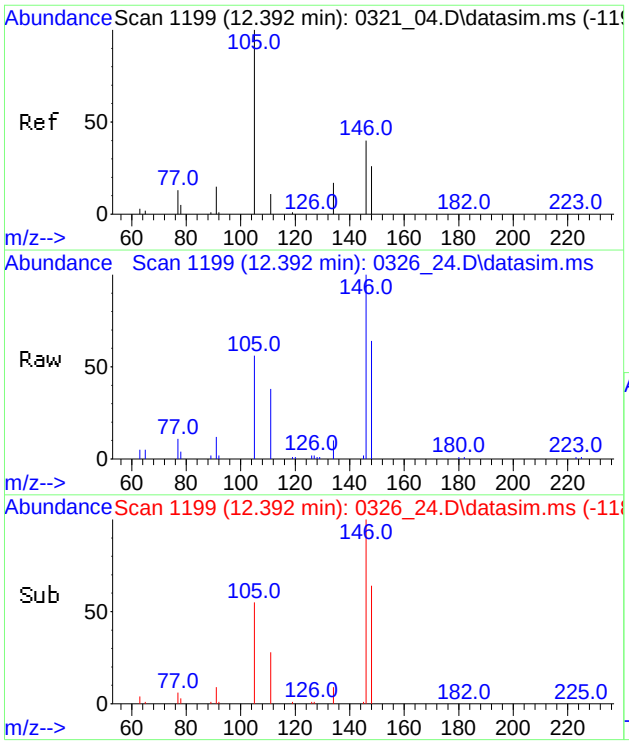


#106
1,1,2,2-Tetrachloroethane(sim)
Conc: 8$ 0.239 ppbv
RT: 11.261 min Scan# 1050
Delta R.T. 0.015 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion: 83 Resp: 12573

Ion	Ratio	Lower	Upper
83	100		
85	0.0	0.0	148.1
131	0.3	8.3	12.5#

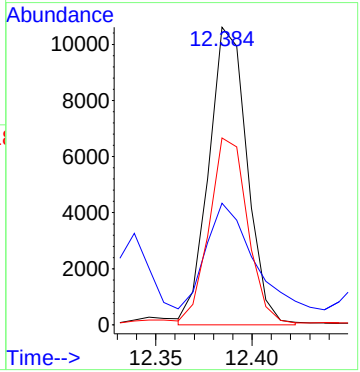




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.221 ppbv
RT: 12.389 min Scan# 1199
Delta R.T. 0.000 min
Lab File: 0326_24.D
Acq: 27 Mar 2025 2:28 am

Tgt Ion:146 Resp: 12376

Ion	Ratio	Lower	Upper
146	100		
111	46.5	32.3	72.3
148	59.8	43.4	83.4



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-09

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91395

Canister: 23871 Lab File ID: 0326_21.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.475		0.202	0.202	r
74-87-3	Chloromethane	0.671		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	70.1	ES	0.531	0.531	r
67-64-1	Acetone	39.6	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.223		0.178	0.178	r
67-63-0	Isopropylalcohol	3.43	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	5.69		0.339	0.339	r
110-54-3	Hexane	0.489	S	0.284	0.284	r
67-66-3	Chloroform	0.310		0.205	0.205	r
141-78-6	Ethyl acetate	0.301		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.402		0.313	0.313	r
110-82-7	Cyclohexane	0.414		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.278		0.215	0.215	r
142-82-5	Heptane	0.642		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	1.37		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	1.24		0.037	0.037	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
100-41-4	Ethylbenzene	0.396		0.230	0.230	r
179601-23-1	m,p-Xylene	1.29		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.500		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.550		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	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

IA25-09

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91395

Canister: 23871 Lab File ID: 0326_21.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.498		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
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
56-23-5	Carbon Tetrachloride(sim)	0.075		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_21.D
Acq On : 27 Mar 2025 2:00 am
Operator : Keith
Client ID : IA25-09
Lab ID : CS91395
ALS Vial : 20 Sample Multiplier: 1

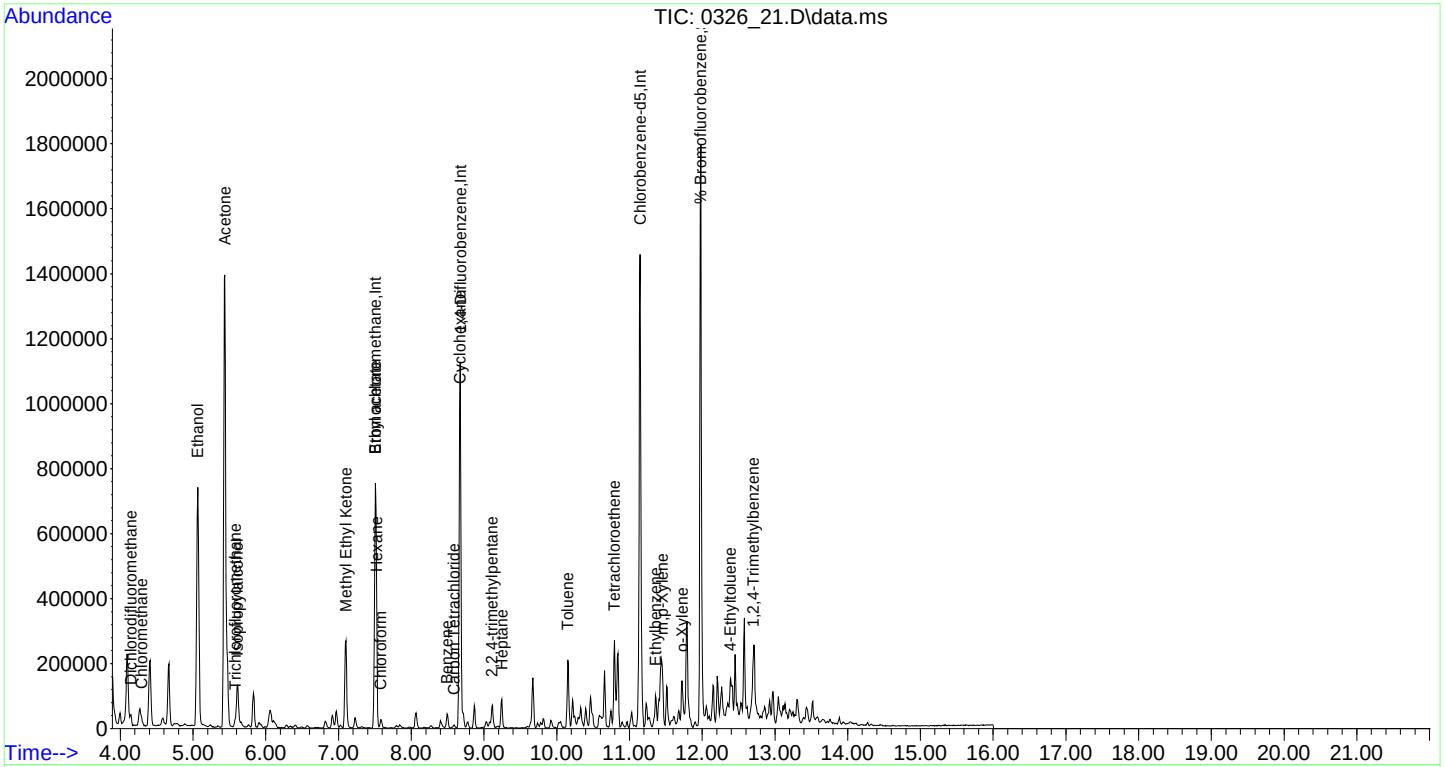
Quant Time: Mar 27 05:43:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

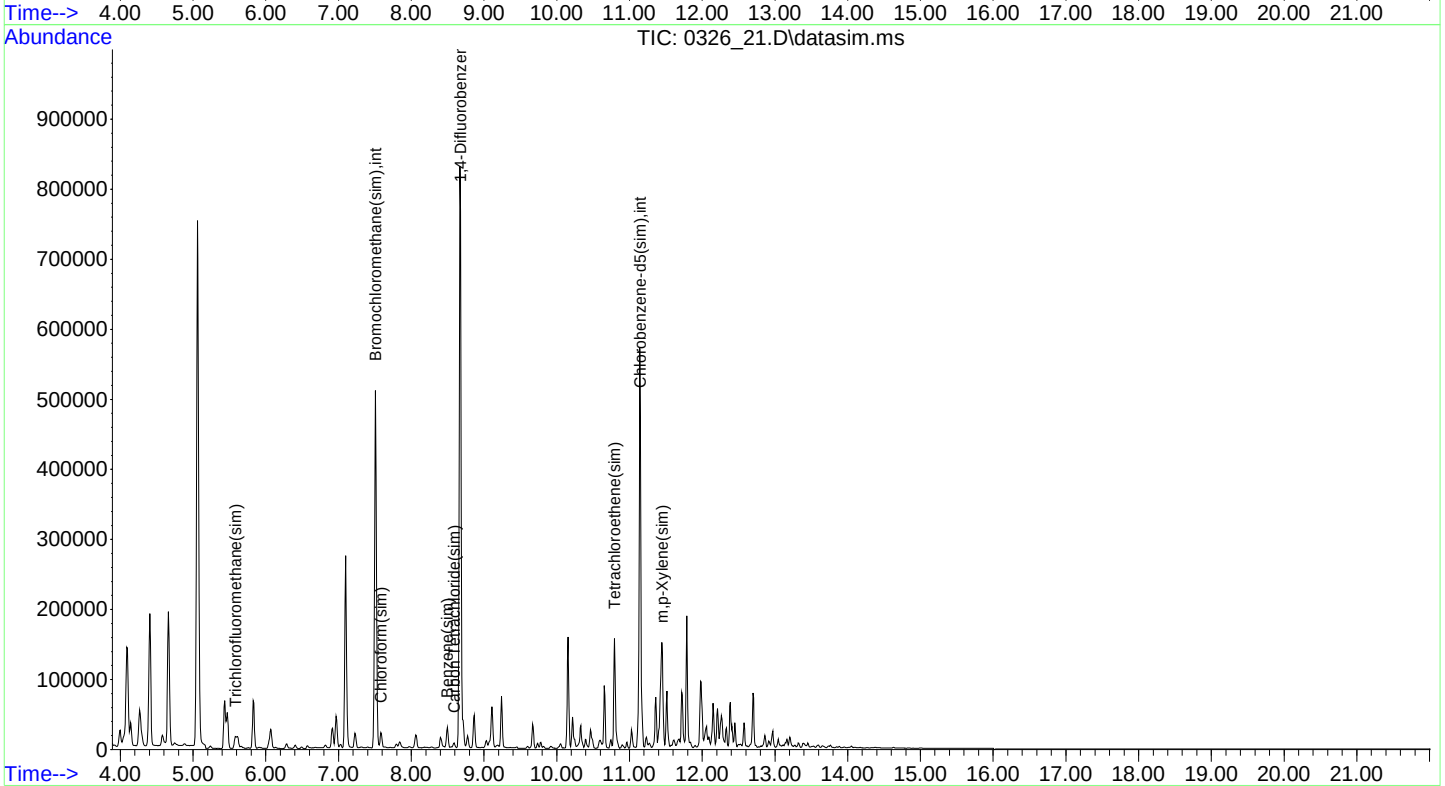
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	222663	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	757290	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	369669	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	222425	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	757290	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	369879	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	436638	9.865	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	34031	0.475	ppbv		96
4) Chloromethane	4.294	50	21619	0.671	ppbv		95
11) Ethanol	5.065	45	992031	70.136	ppbv#		92
12) Acetone	5.437	43	1812365	39.587	ppbv		96
13) Trichlorofluoromethane	5.578	101	16324	0.223	ppbv		99
14) Isopropylalcohol	5.609	45	193772	3.426	ppbv#		92
25) Methyl Ethyl Ketone	7.101	43	342650	5.692	ppbv		99
27) Hexane	7.523	57	20557	0.489	ppbv		89
28) Chloroform	7.580	83	16860	0.310	ppbv		98
29) Ethyl acetate	7.507	61	2931	0.301	ppbv#		95
33) Benzene	8.493	78	29131	0.402	ppbv		98
34) Carbon Tetrachloride	8.588	117	4748	0.072	ppbv		98
35) Cyclohexane	8.666	84	11588	0.414	ppbv		93
40) 2,2,4-trimethylpentane	9.107	57	37502	0.278	ppbv#		51
43) Heptane	9.246	43	34795	0.642	ppbv		95
48) Toluene	10.152	91	116331	1.367	ppbv		97
52) Tetrachloroethene	10.792	166	71014	1.236	ppbv		91
56) Ethylbenzene	11.359	91	42161	0.396	ppbv		97
57) m,p-Xylene	11.450	91	104572	1.291	ppbv		97
61) o-Xylene	11.723	91	42792	0.501	ppbv		95
65) 4-Ethyltoluene	12.385	105	63792	0.550	ppbv		93
67) 1,2,4-Trimethylbenzene	12.703	105	49704	0.498	ppbv#		86
82] Trichlorofluoromethane...	5.581	101	16966	0.219	ppbv#		99
85] Benzene(sim)	8.493	78	29131	0.386	ppbv		98
86] Carbon Tetrachloride(sim)	8.591	117	5030	0.075	ppbv		96
92] Chloroform(sim)	7.583	83	17520	0.293	ppbv		100
102] Tetrachloroethene(sim)	10.795	166	73462	1.196	ppbv		93
105] m,p-Xylene(sim)	11.450	91	104572	1.251	ppbv		97

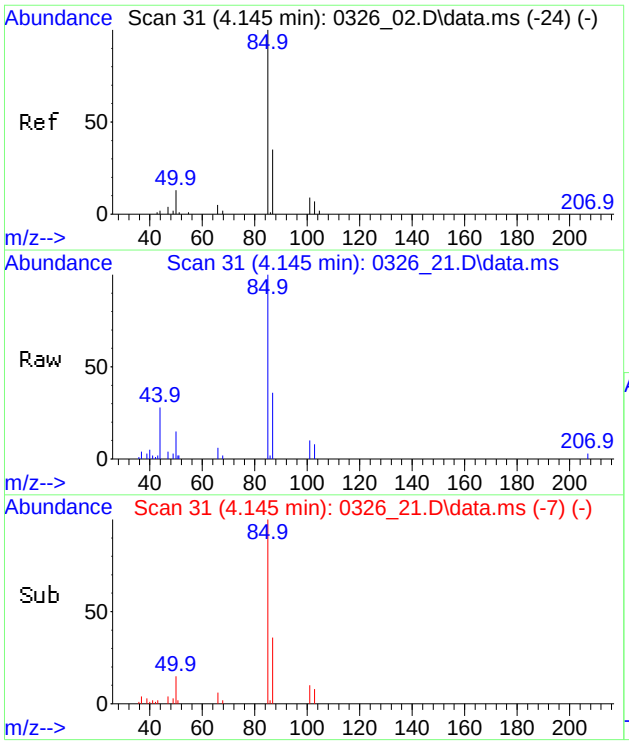
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_21.D
Acq On : 27 Mar 2025 2:00 am
Operator : Keith
Client ID : IA25-09
Lab ID : CS91395
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 05:43:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



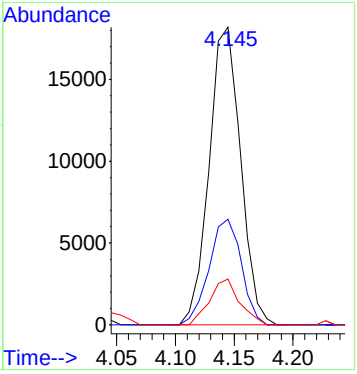


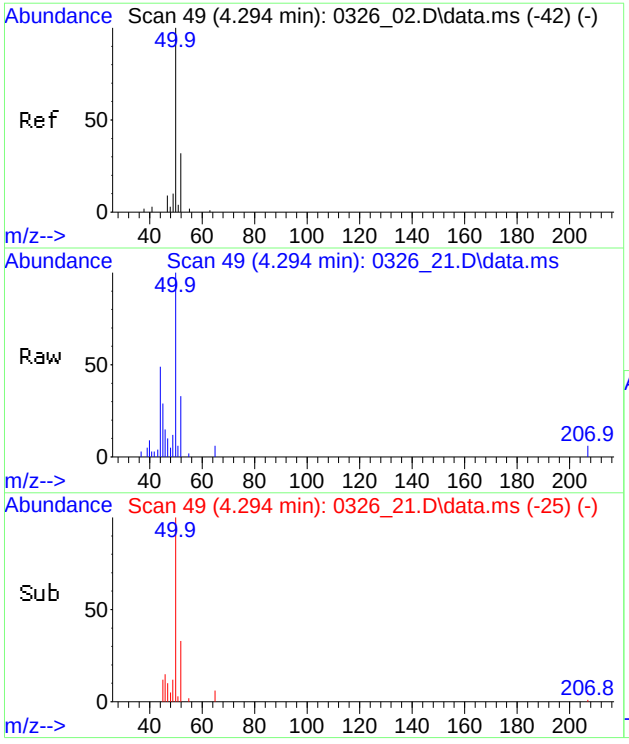


#3
Dichlorodifluoromethane
Conc: 8$ 0.475 ppbv
RT: 4.145 min Scan# 31
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 85 Resp: 34031

Ion	Ratio	Lower	Upper
85	100		
87	36.3	26.9	40.3
50	14.7	12.0	18.0

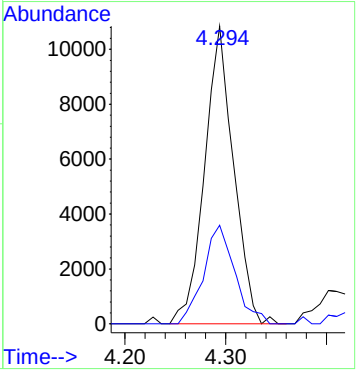


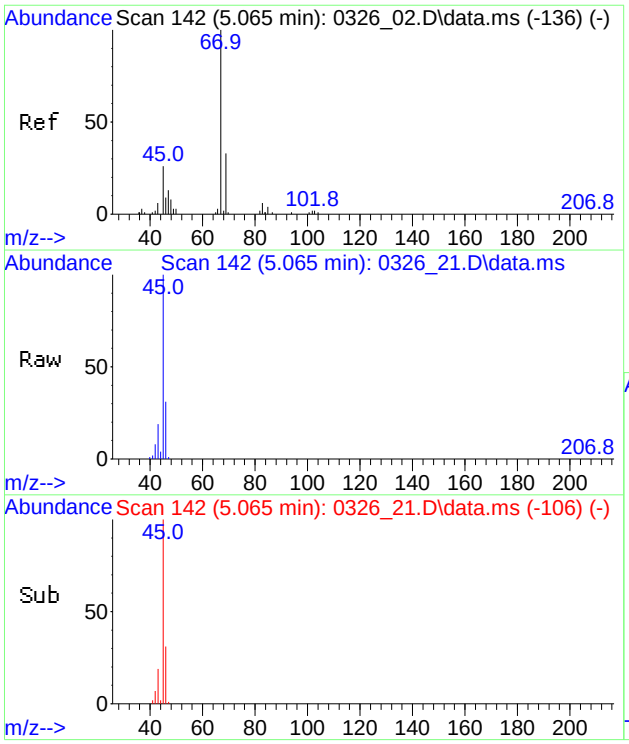


#4
Chloromethane
Conc: 8$ 0.671 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 50 Resp: 21619

Ion	Ratio	Lower	Upper
50	100		
52	35.7	12.8	52.8

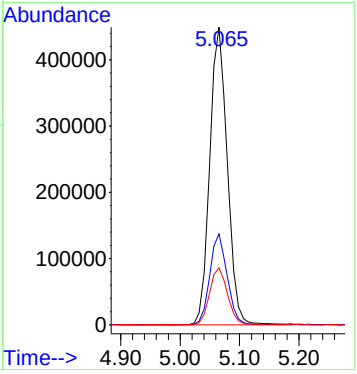


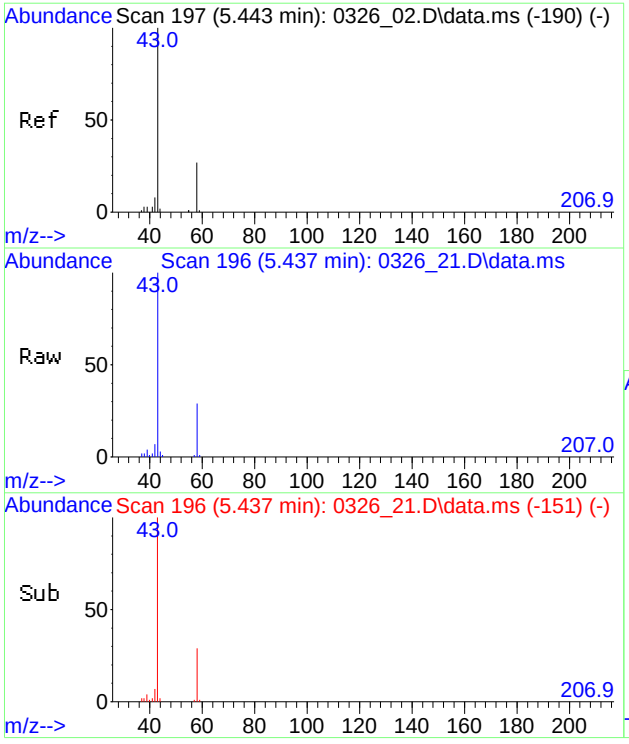


#11
Ethanol
Conc: 8$ 70.136 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 45 Resp: 992031

Ion	Ratio	Lower	Upper
45	100		
46	29.0	25.0	37.6
43	18.7	20.0	30.0#

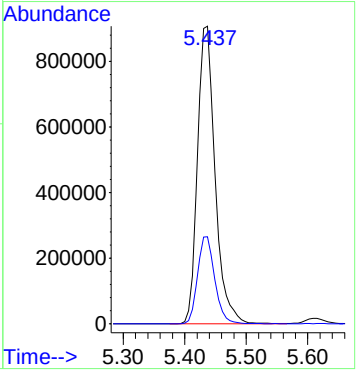


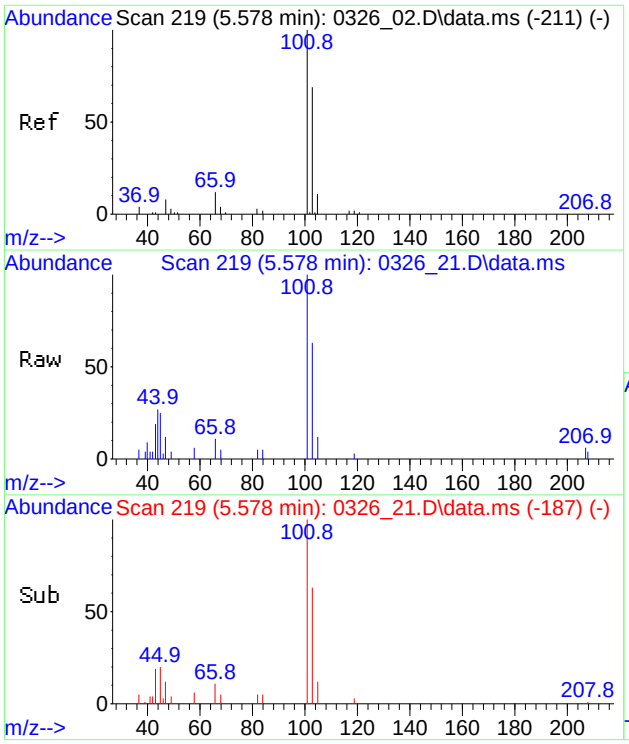


#12
Acetone
Conc: 8$ 39.587 ppbv
RT: 5.437 min Scan# 196
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 43 Resp: 1812365

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.6	37.0

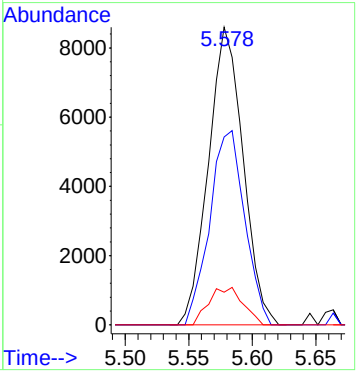


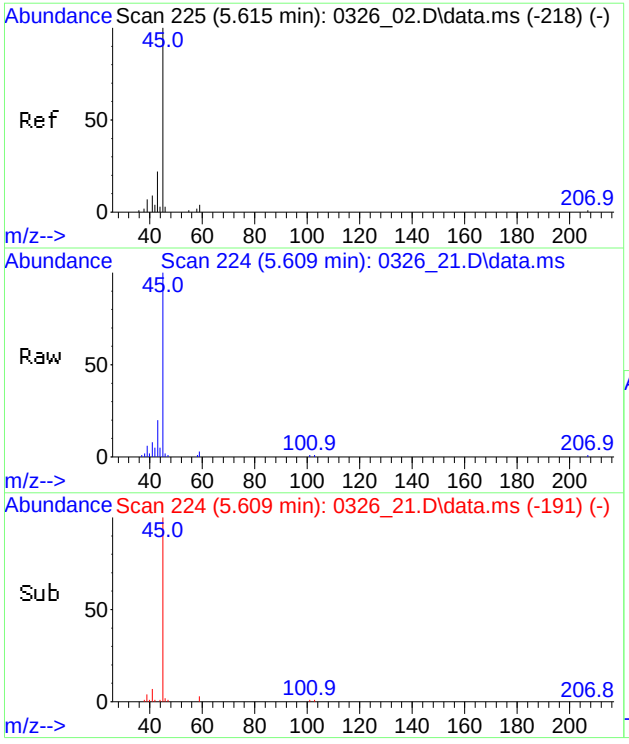


#13
Trichlorofluoromethane
Conc: 8$ 0.223 ppbv
RT: 5.578 min Scan# 219
Delta R.T. -0.006 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:101 Resp: 16324

Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.4	80.2
66	12.4	9.3	13.9

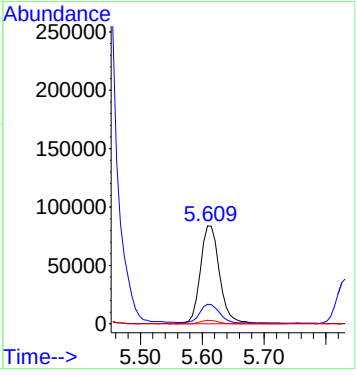


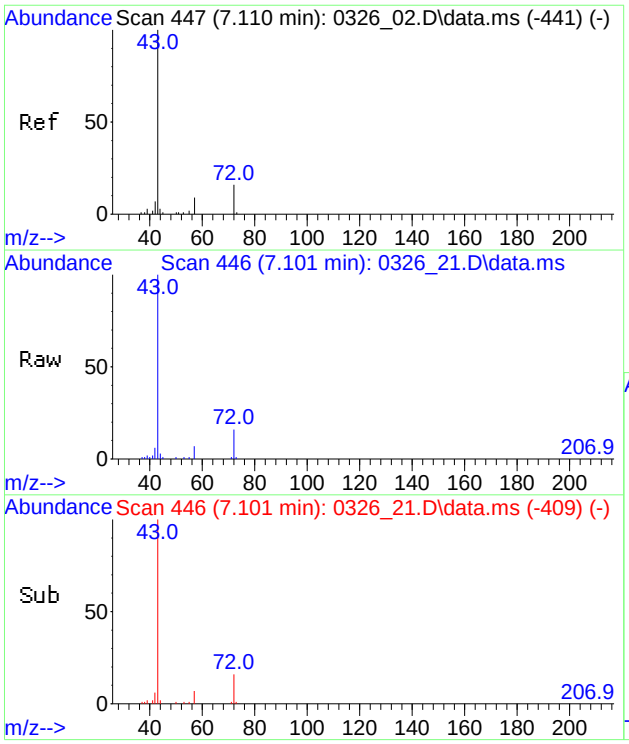


#14
Isopropylalcohol
Conc: 8$ 3.426 ppbv
RT: 5.609 min Scan# 224
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 45 Resp: 193772

Ion	Ratio	Lower	Upper
45	100		
43	20.6	13.3	19.9#
59	3.2	2.6	4.0

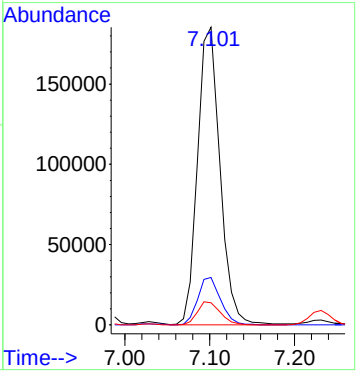


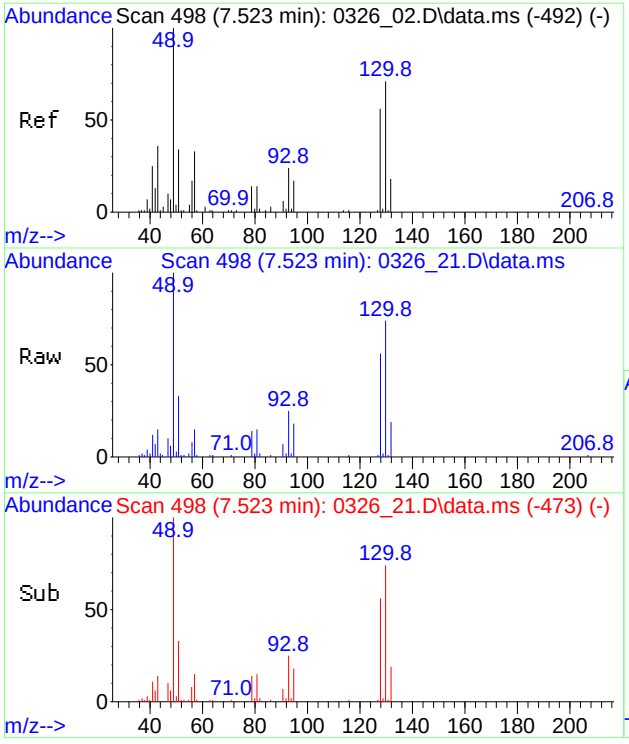


#25
Methyl Ethyl Ketone
Conc: 8$ 5.692 ppbv
RT: 7.101 min Scan# 446
Delta R.T. -0.001 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 43 Resp: 342650

Ion	Ratio	Lower	Upper
43	100		
72	16.1	13.1	19.7
57	7.9	6.6	9.8

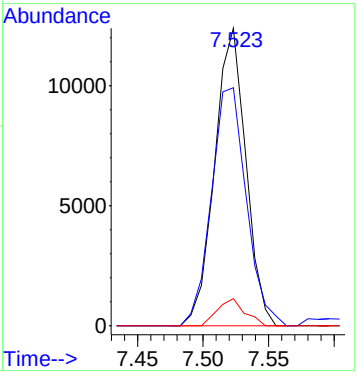


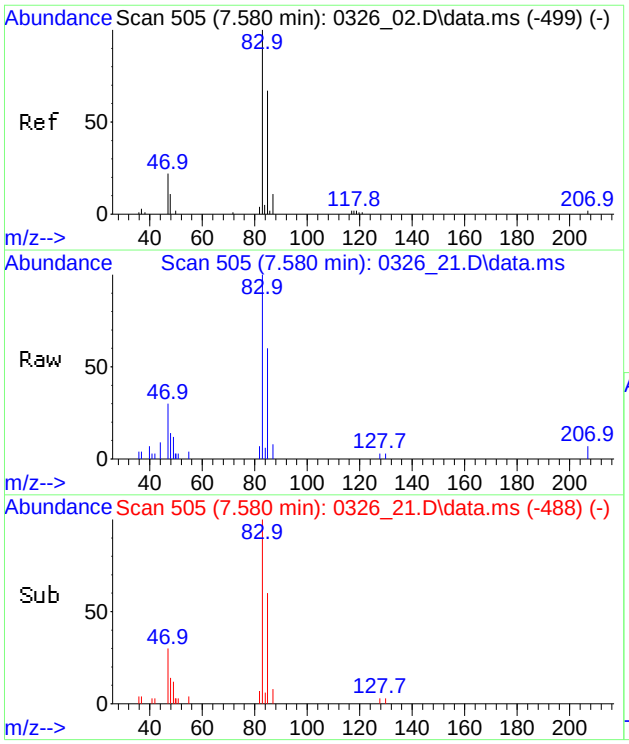


#27
Hexane
Conc: 8$ 0.489 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 57 Resp: 20557

Ion	Ratio	Lower	Upper
57	100		
41	89.5	63.4	95.2
86	8.0	5.8	8.6

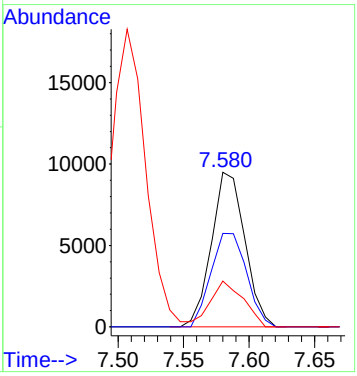


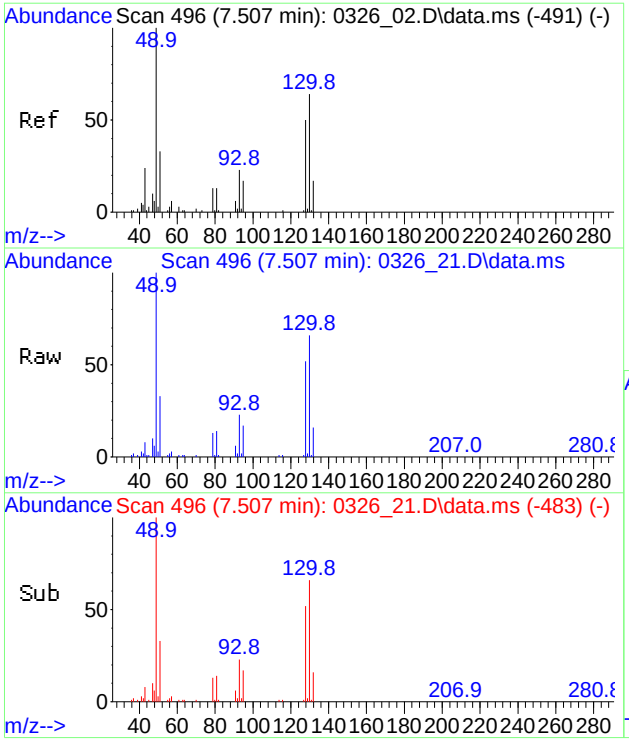


#28
Chloroform
Conc: 8$ 0.310 ppbv
RT: 7.580 min Scan# 505
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 83 Resp: 16860

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.4	84.4
47	29.9	7.4	47.4

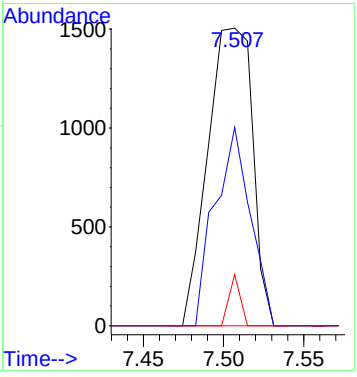


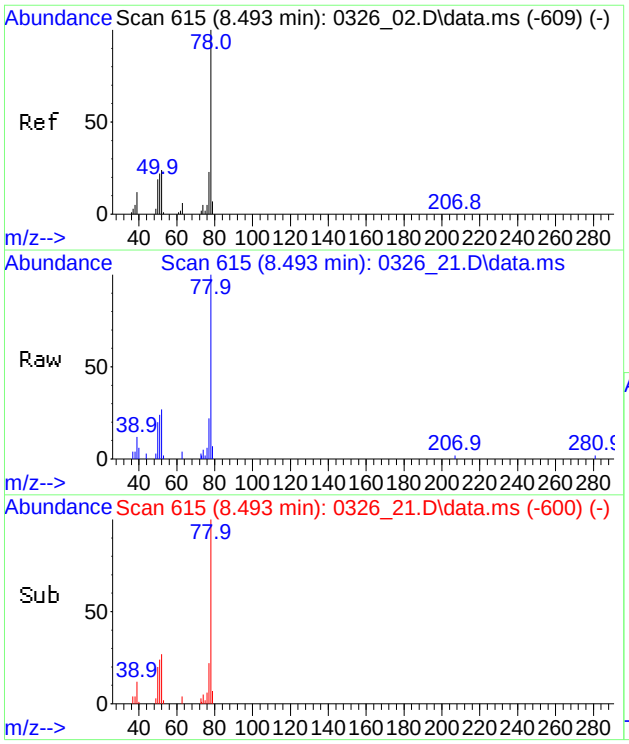


#29
Ethyl acetate
Conc: 8$ 0.301 ppbv
RT: 7.507 min Scan# 496
Delta R.T. 0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 61 Resp: 2931

Ion	Ratio	Lower	Upper
61	100		
70	53.1	42.9	64.3
88	4.3	10.0	15.0#

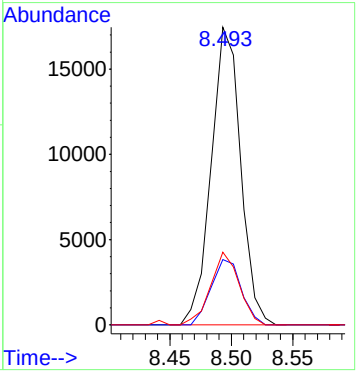


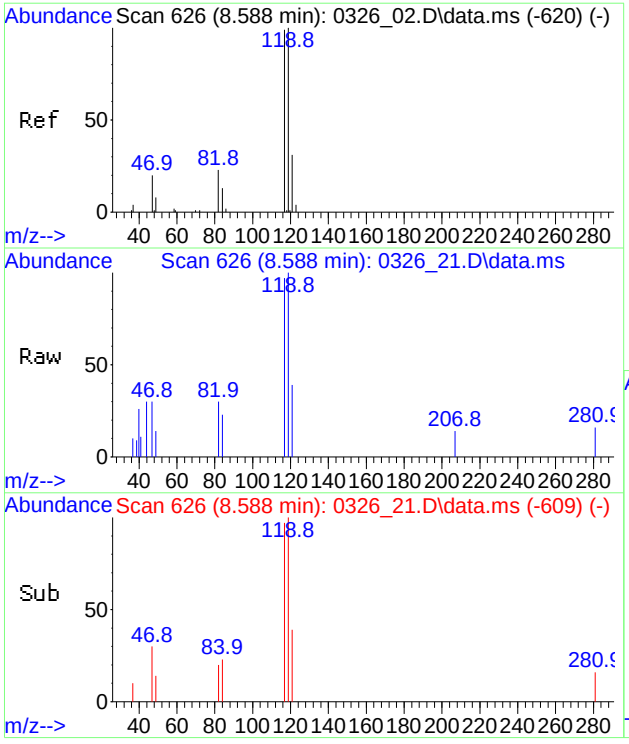


#33
Benzene
Conc: 8$ 0.402 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 78 Resp: 29131

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2
51	23.7	18.1	27.1

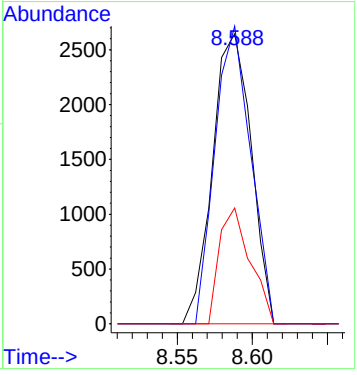


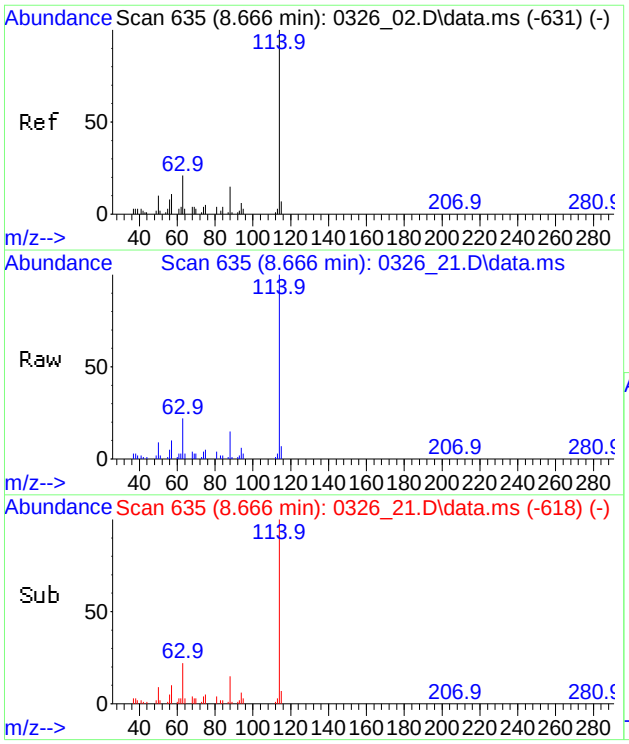


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:117 Resp: 4748

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.5	116.5
121	31.9	11.2	51.2

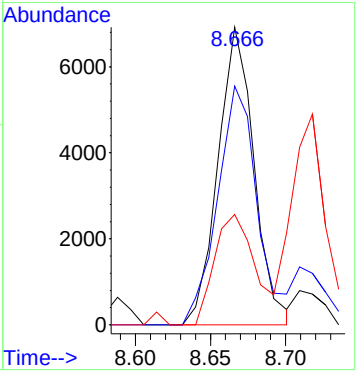


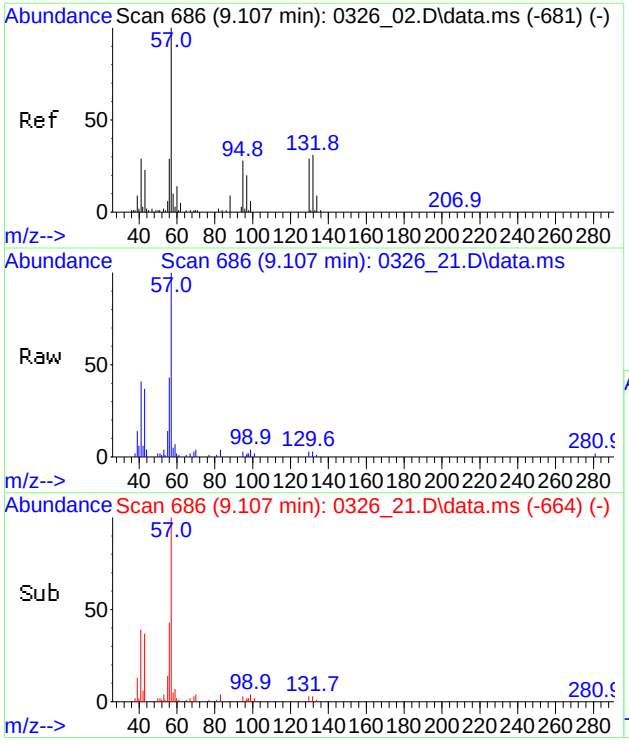


#35
Cyclohexane
Conc: 8$ 0.414 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 84 Resp: 11588

Ion	Ratio	Lower	Upper
84	100		
55	88.3	63.1	94.7
42	42.0	33.3	49.9

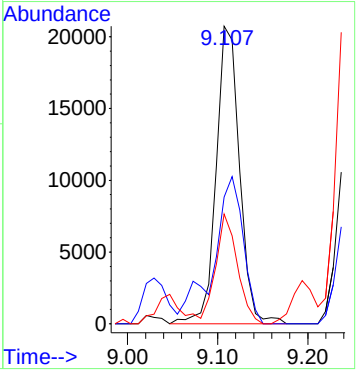


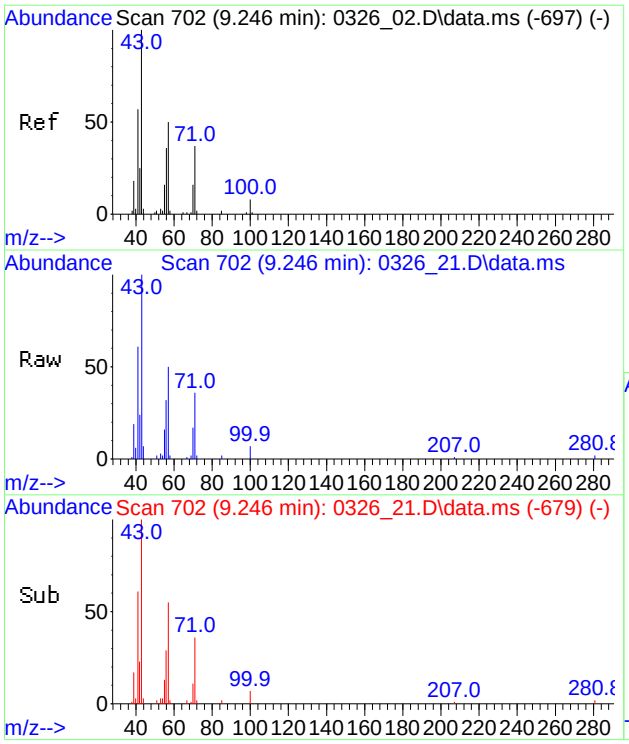


#40
2,2,4-trimethylpentane
Conc: 8$ 0.278 ppbv
RT: 9.107 min Scan# 686
Delta R.T. -0.009 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 57 Resp: 37502

Ion	Ratio	Lower	Upper
57	100		
56	63.1	22.9	34.3#
43	34.0	17.0	25.4#

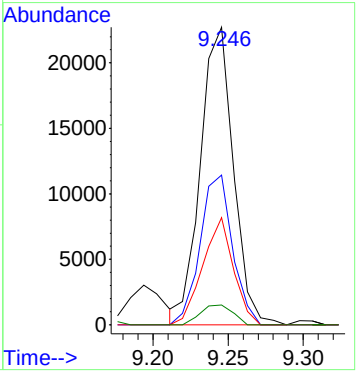


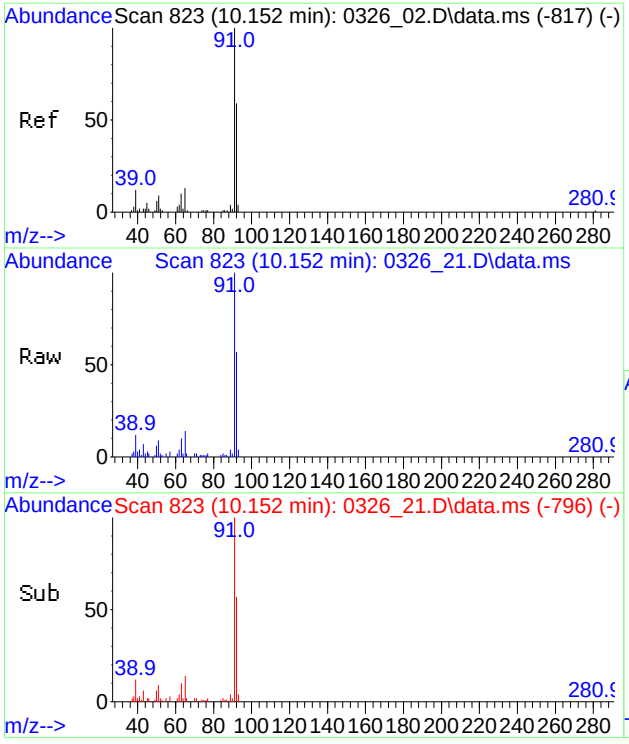


#43
Heptane
Conc: 8$ 0.642 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 43 Resp: 34795

Ion	Ratio	Lower	Upper
43	100		
57	49.3	42.4	63.6
71	33.5	29.4	44.0
100	6.6	6.5	9.7

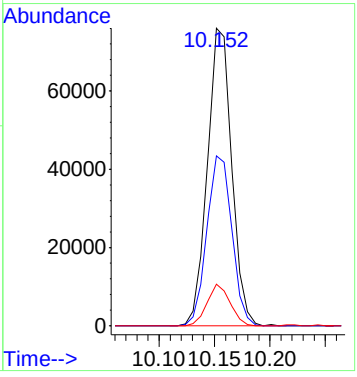


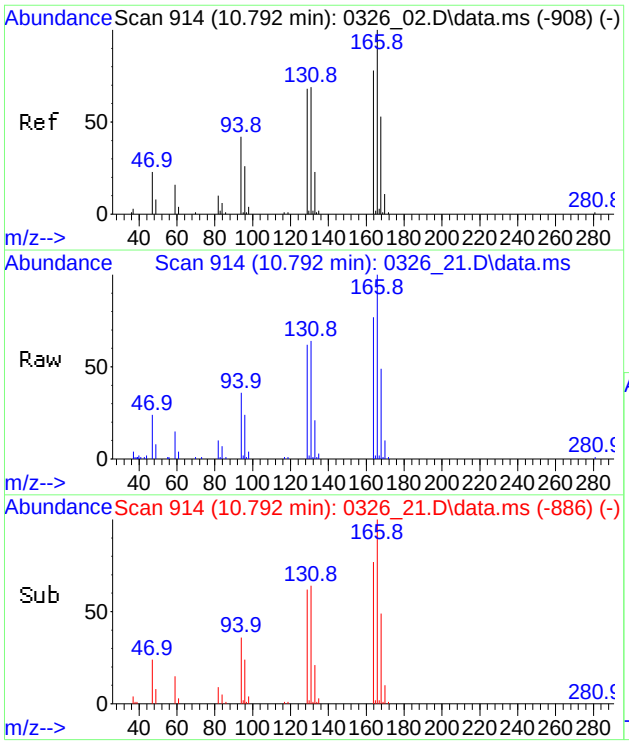


#48
Toluene
Conc: 8$ 1.367 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 91 Resp: 116331

Ion	Ratio	Lower	Upper
91	100		
92	58.7	45.0	67.4
65	13.2	9.4	14.2

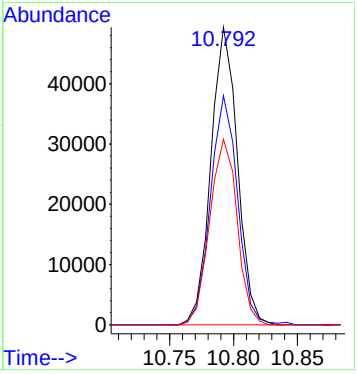


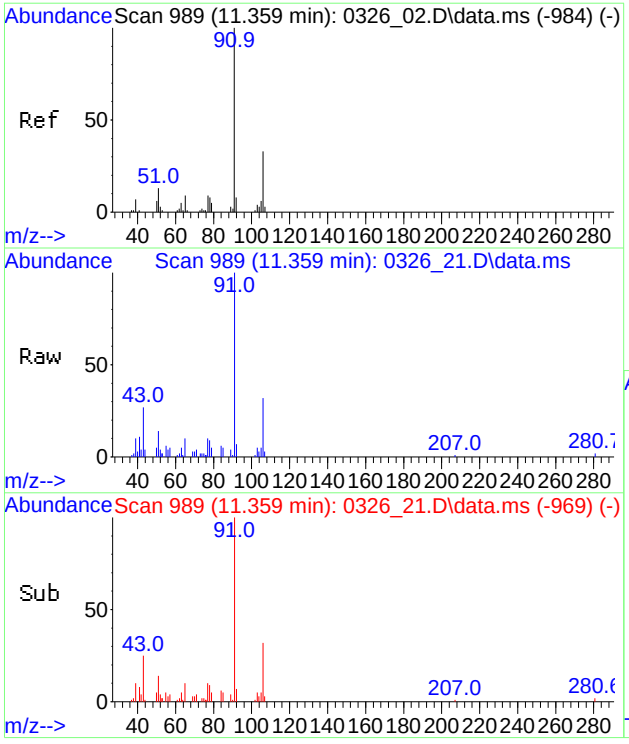


#52
Tetrachloroethene
Conc: 8$ 1.236 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:166 Resp: 71014

Ion	Ratio	Lower	Upper
166	100		
164	78.7	64.7	97.1
129	64.4	62.2	93.2

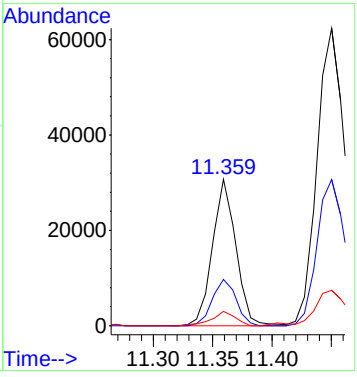


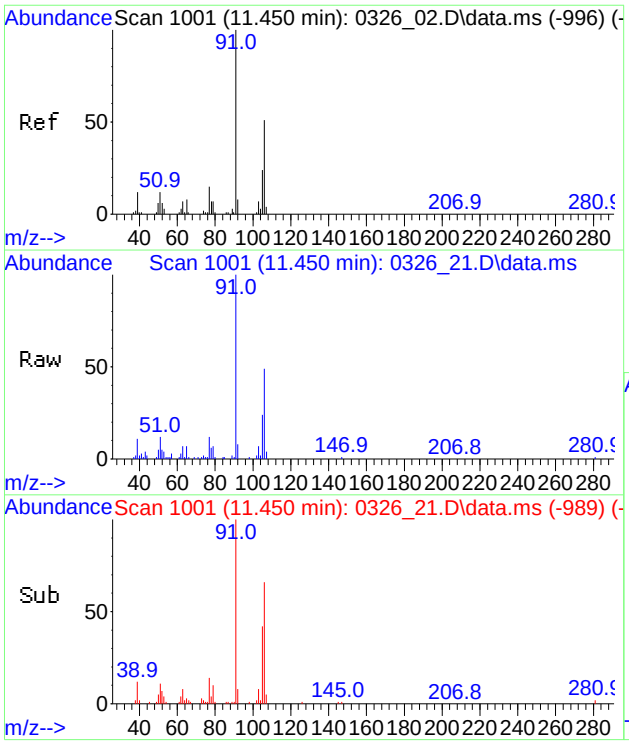


#56
Ethylbenzene
Conc: 8$ 0.396 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 91 Resp: 42161

Ion	Ratio	Lower	Upper
91	100		
106	32.1	13.5	53.5
77	9.9	0.0	28.3

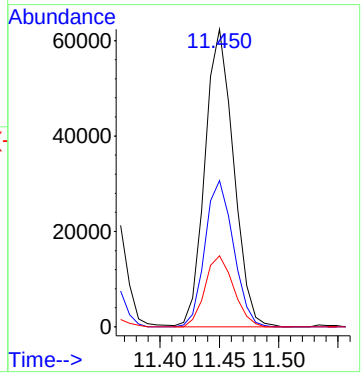


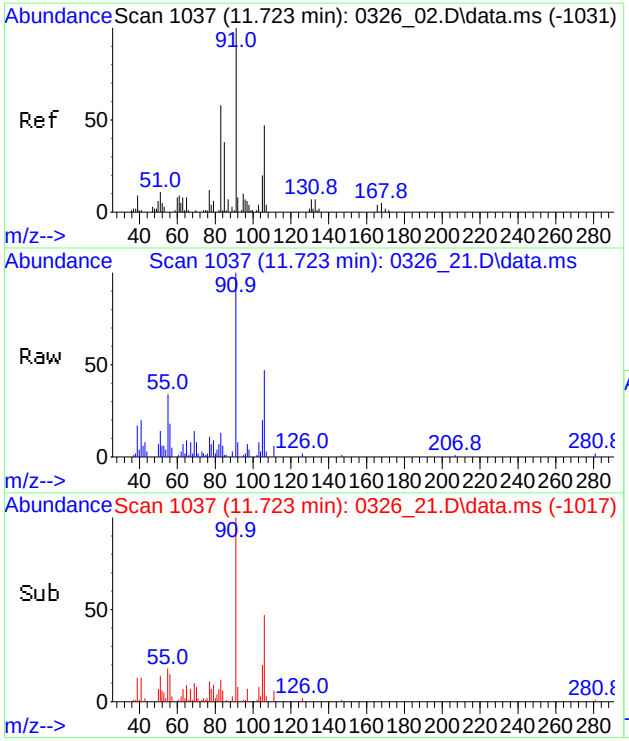


#57
m,p-Xylene
Conc: 8$ 1.291 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 91 Resp: 104572

Ion	Ratio	Lower	Upper
91	100		
106	48.9	41.1	61.7
105	23.9	19.5	29.3

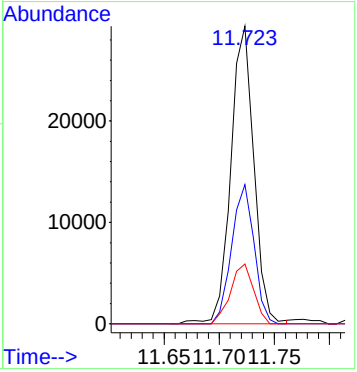


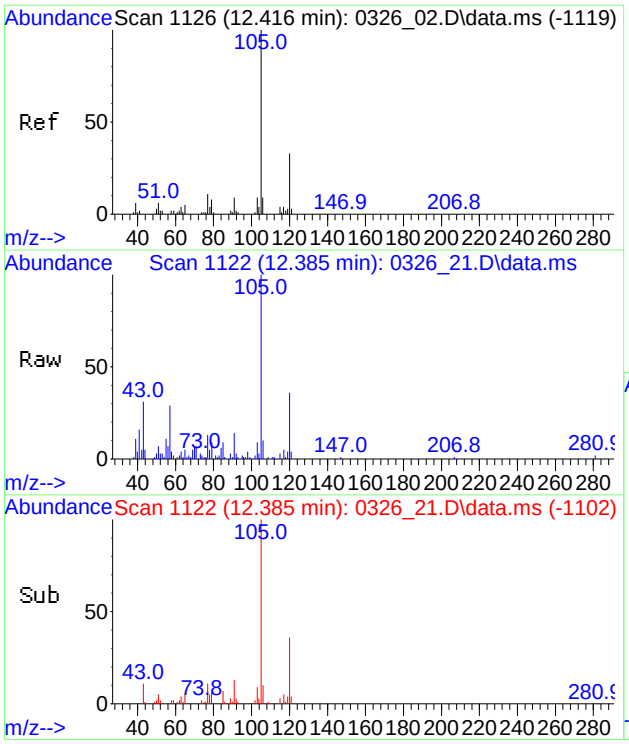


#61
o-Xylene
Conc: 8$ 0.501 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 91 Resp: 42792

Ion	Ratio	Lower	Upper
91	100		
106	45.4	39.6	59.4
105	20.1	16.7	25.1

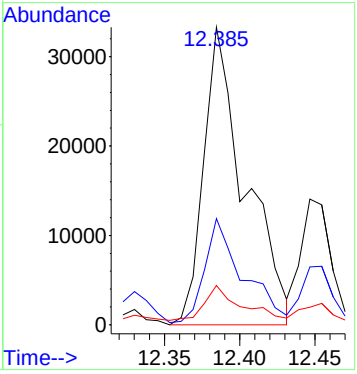


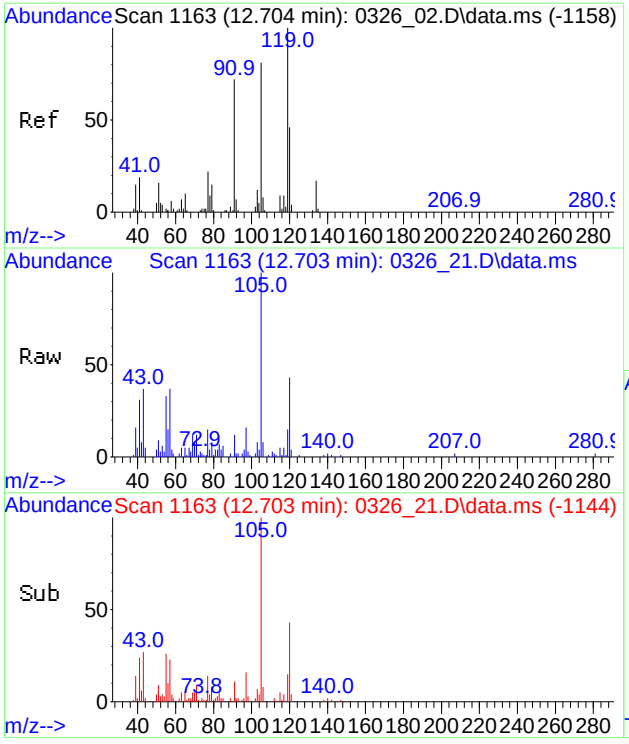


#65
4-Ethyltoluene
Conc: 8$ 0.550 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:105 Resp: 63792

Ion	Ratio	Lower	Upper
105	100		
120	33.9	23.4	35.2
77	9.9	8.2	12.4

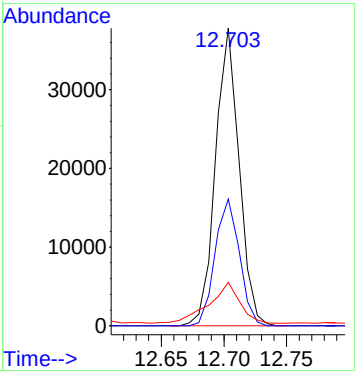


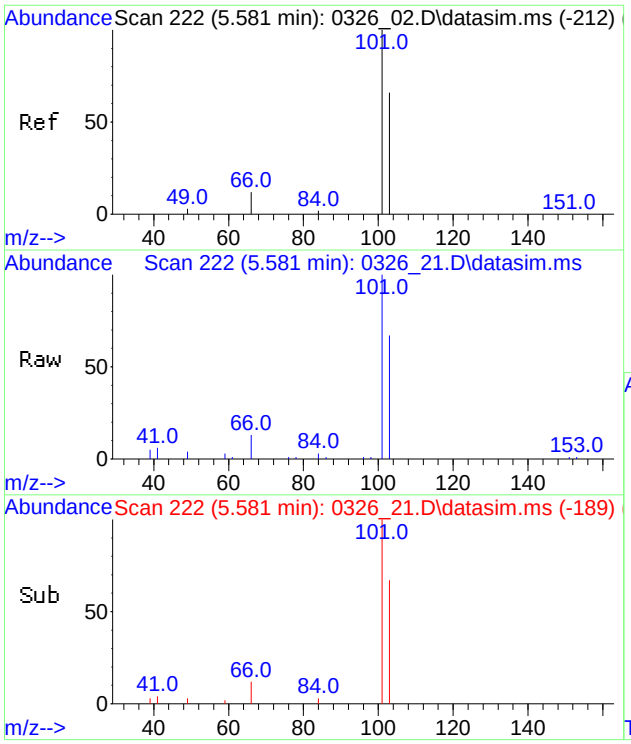


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.498 ppbv
RT: 12.703 min Scan# 1163
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:105 Resp: 49704

Ion	Ratio	Lower	Upper
105	100		
120	43.8	44.4	66.6#
77	17.9	18.2	27.4#

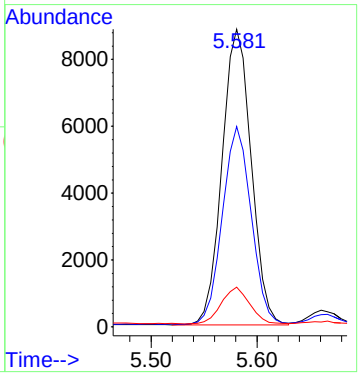


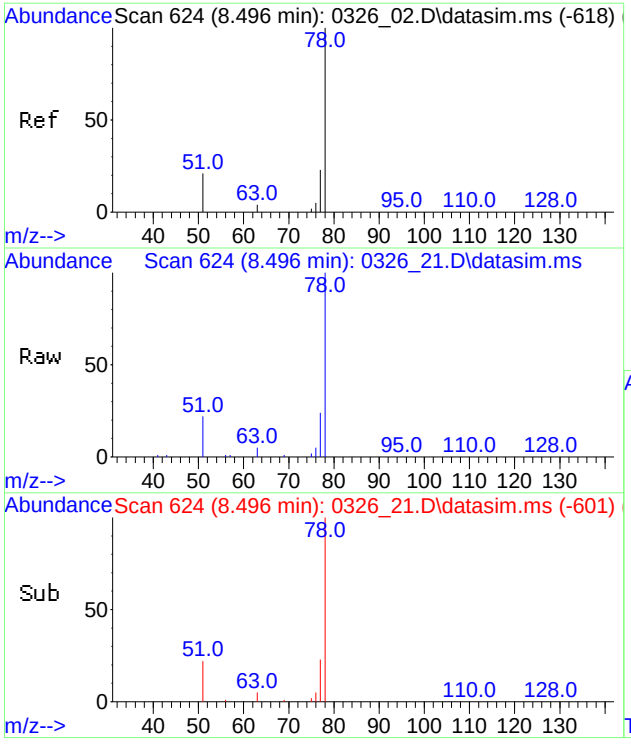


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.219 ppbv
RT: 5.581 min Scan# 222
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:101 Resp: 16966

Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.4	78.6
66	12.8	11.4	11.4#

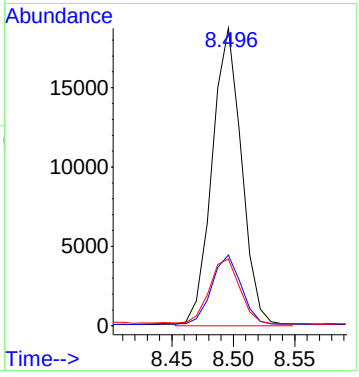


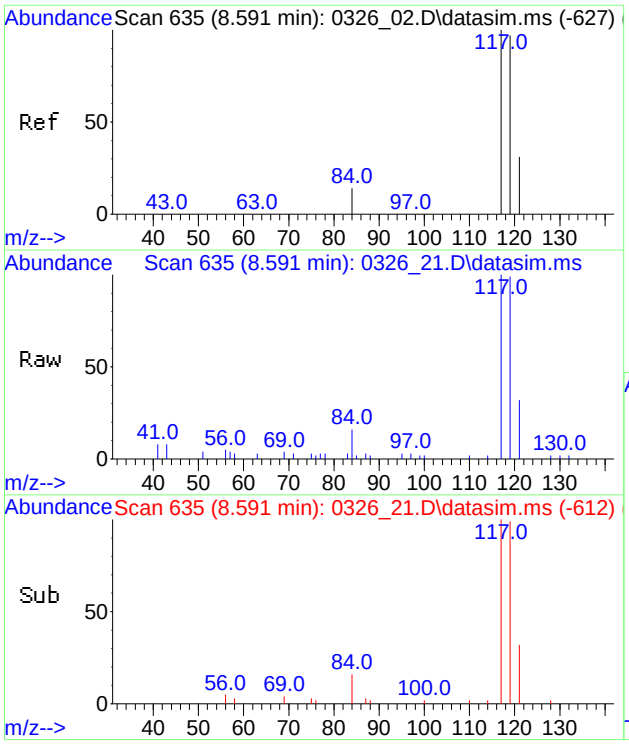


#85
Benzene(sim)
Conc: 8$ 0.386 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 78 Resp: 29131

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2
51	23.7	18.1	27.1

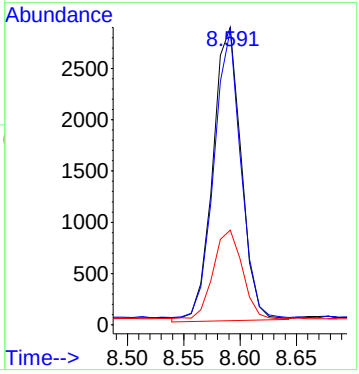


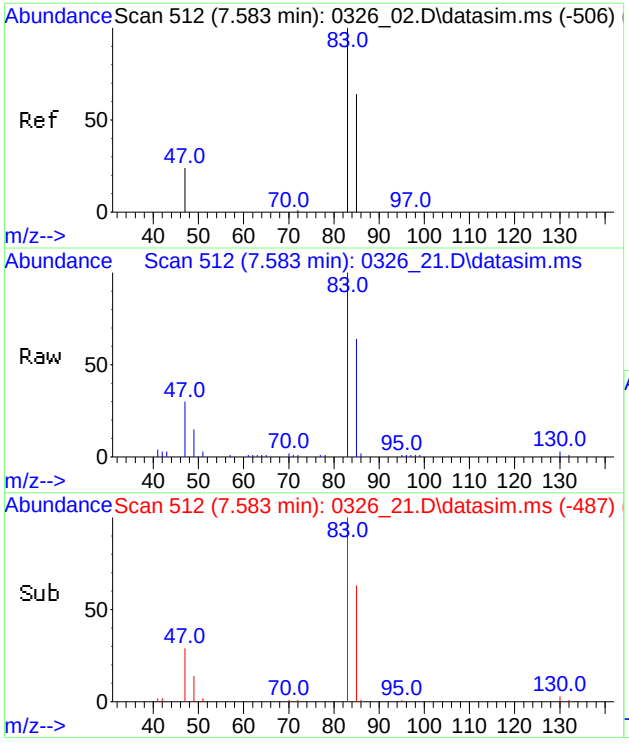


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.075 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:117 Resp: 5030

Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.4	116.2
121	30.6	24.9	37.3

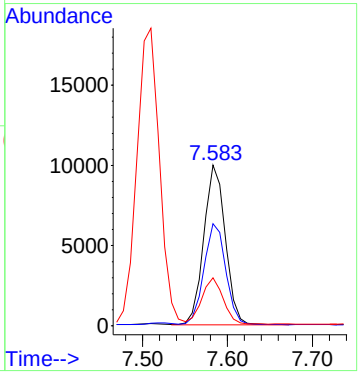


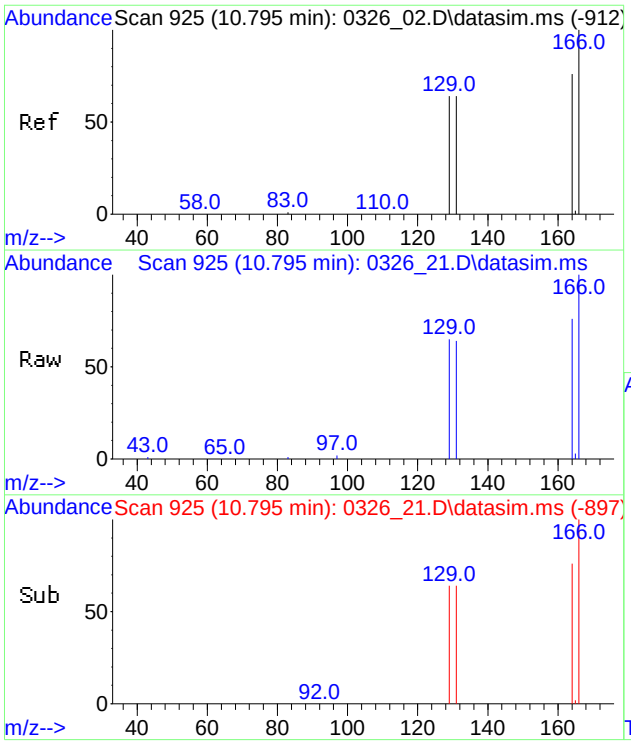


#92
Chloroform(sim)
Conc: 8$ 0.293 ppbv
RT: 7.583 min Scan# 512
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 83 Resp: 17520

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
47	29.2	23.0	34.4

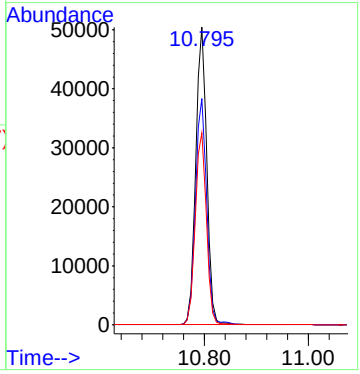


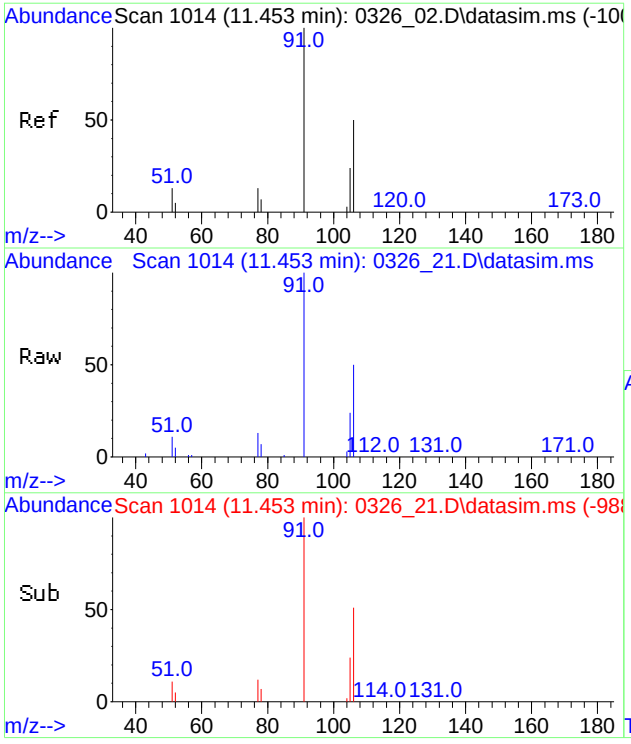


#102
Tetrachloroethene(sim)
Conc: 8$ 1.196 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion:166 Resp: 73462

Ion	Ratio	Lower	Upper
166	100		
164	77.6	58.0	98.0
129	65.4	58.0	98.0

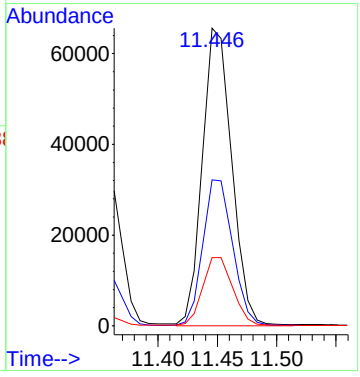




#105
m,p-Xylene(sim)
Conc: 8$ 1.251 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 2:00 am

Tgt Ion: 91 Resp: 104572

Ion	Ratio	Lower	Upper
91	100		
106	48.9	46.3	56.5
105	23.9	19.5	29.3



AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-15

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91396

Canister: 28565 Lab File ID: 0326_20.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.487		0.202	0.202	r
74-87-3	Chloromethane	0.987		0.485	0.485	r
106-99-0	1,3-Butadiene	0.481		0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	334	ES	0.531	0.531	r
67-64-1	Acetone	16.9	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.224		0.178	0.178	r
67-63-0	Isopropylalcohol	5.61	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	8.78		0.339	0.339	r
110-54-3	Hexane	0.678	S	0.284	0.284	r
67-66-3	Chloroform	0.538		0.205	0.205	r
141-78-6	Ethyl acetate	1.39		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.647		0.313	0.313	r
110-82-7	Cyclohexane	0.605		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.356		0.215	0.215	r
142-82-5	Heptane	2.25		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	1.95		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.762		0.037	0.037	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
100-41-4	Ethylbenzene	0.517		0.230	0.230	r
179601-23-1	m,p-Xylene	1.72		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.644		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.835		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.298		0.204	0.204	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

IA25-15

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91396

Canister: 28565 Lab File ID: 0326_20.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.810		0.204	0.204	r
106-46-7	1,4-Dichlorobenzene	3.31		0.166	0.166	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
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
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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_20.D
Acq On : 27 Mar 2025 1:21 am
Operator : Keith
Client ID : IA25-15
Lab ID : CS91396
ALS Vial : 19 Sample Multiplier: 1

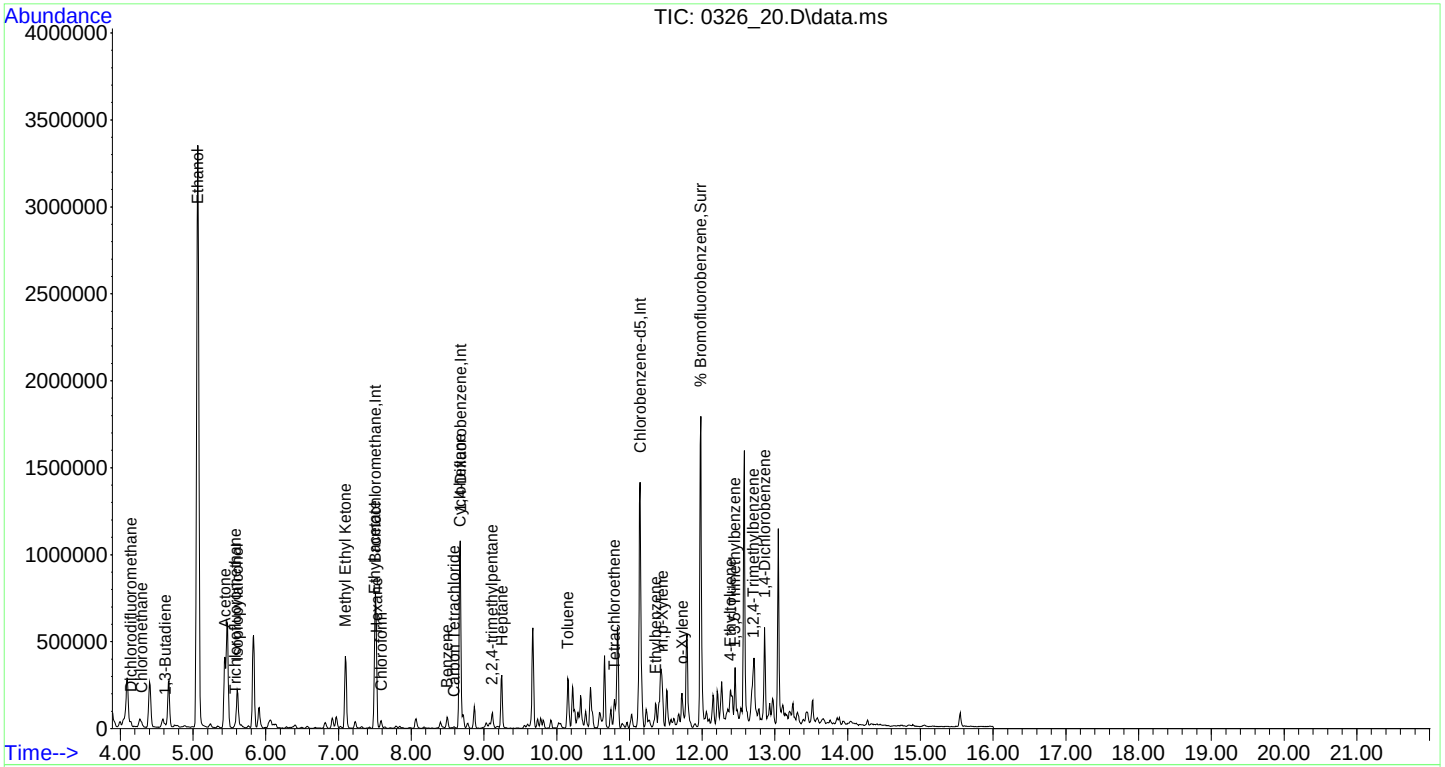
Quant Time: Mar 27 05:42:39 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

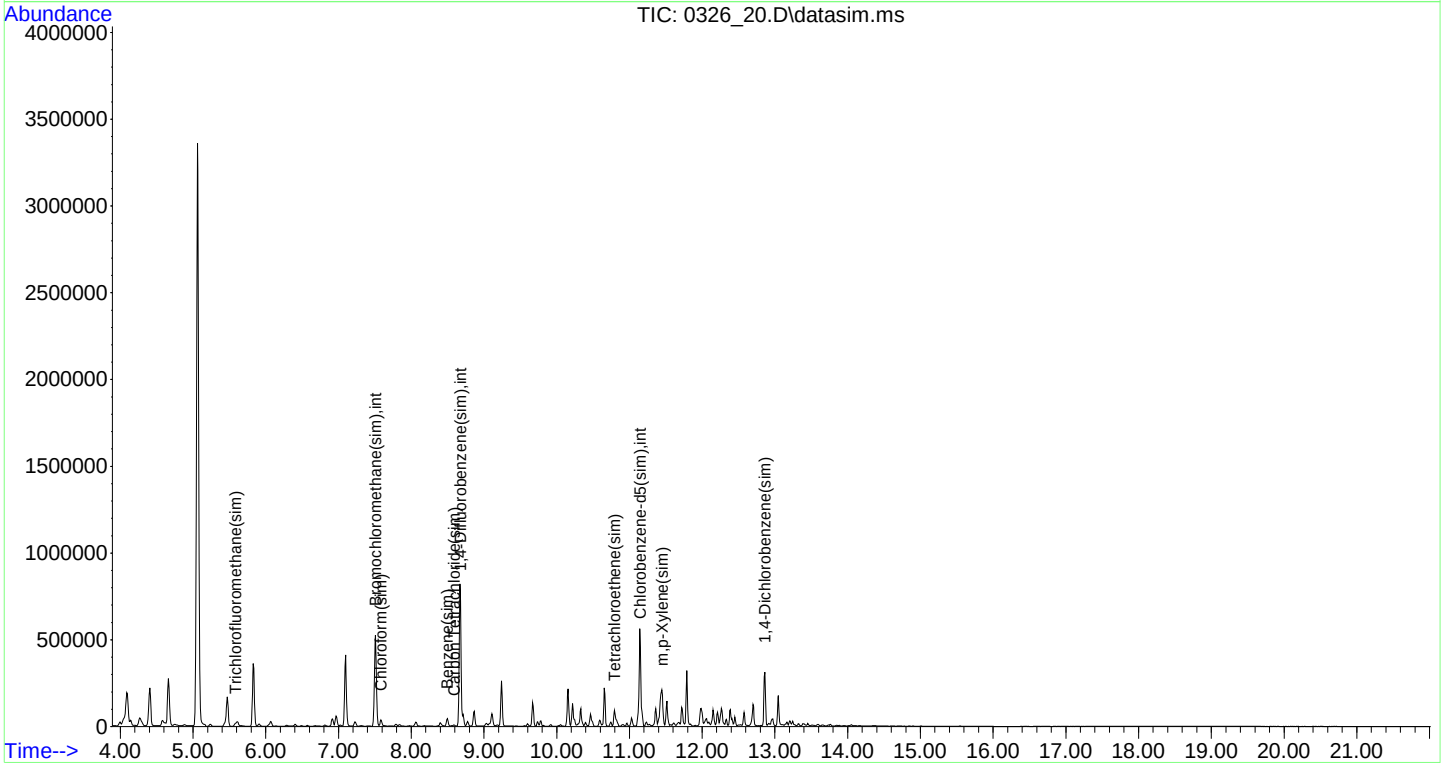
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	210748	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	729809	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	360202	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	211850	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	729809	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	360202	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	438816	10.174	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.70%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	33009	0.487	ppbv		98
4) Chloromethane	4.294	50	30070	0.986	ppbv		99
7) 1,3-Butadiene	4.618	54	10954	0.481	ppbv#		94
11) Ethanol	5.065	45	4466094	333.603	ppbv#		94
12) Acetone	5.437	43	734155	16.942	ppbv#		82
13) Trichlorofluoromethane	5.578	101	15531	0.224	ppbv		99
14) Isopropylalcohol	5.609	45	300321	5.610	ppbv		97
25) Methyl Ethyl Ketone	7.094	43	500068	8.776	ppbv		99
27) Hexane	7.523	57	26999	0.678	ppbv		91
28) Chloroform	7.588	83	27745	0.538	ppbv		98
29) Ethyl acetate	7.499	61	12765	1.387	ppbv		96
33) Benzene	8.493	78	44363	0.647	ppbv		99
34) Carbon Tetrachloride	8.588	117	4854	0.077	ppbv		98
35) Cyclohexane	8.666	84	16042	0.605	ppbv		90
40) 2,2,4-trimethylpentane	9.108	57	46295	0.356	ppbv#		43
43) Heptane	9.246	43	117619	2.252	ppbv		98
48) Toluene	10.152	91	159555	1.945	ppbv		98
52) Tetrachloroethene	10.793	166	42210	0.762	ppbv		94
56) Ethylbenzene	11.360	91	53663	0.517	ppbv		96
57) m,p-Xylene	11.451	91	135678	1.718	ppbv		99
61) o-Xylene	11.723	91	53628	0.644	ppbv		96
65) 4-Ethyltoluene	12.385	105	94319	0.835	ppbv		94
66) 1,3,5-Trimethylbenzene	12.447	105	29560	0.298	ppbv#		91
67) 1,2,4-Trimethylbenzene	12.704	105	78794	0.810	ppbv		89
70) 1,4-Dichlorobenzene	12.859	146	190364	3.314	ppbv		97
82] Trichlorofluoromethane...	5.581	101	16007	0.217	ppbv#		99
85] Benzene(sim)	8.493	78	44363	0.617	ppbv		99
86] Carbon Tetrachloride(sim)	8.591	117	4974	0.078	ppbv		98
92] Chloroform(sim)	7.583	83	28773	0.505	ppbv		99
102] Tetrachloroethene(sim)	10.795	166	43972	0.743	ppbv		92
105] m,p-Xylene(sim)	11.451	91	135678	1.667	ppbv		99
109] 1,4-Dichlorobenzene(sim)	12.859	146	190229	4.149	ppbv		97

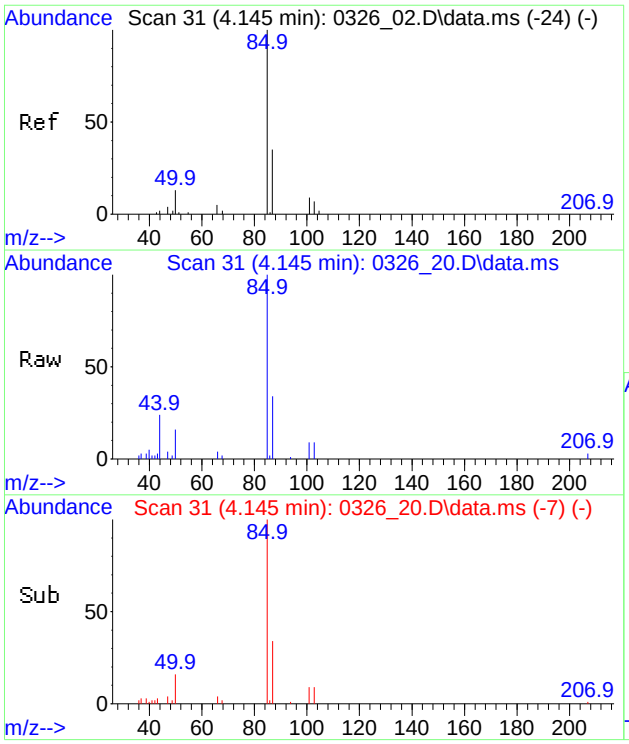
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_20.D
Acq On : 27 Mar 2025 1:21 am
Operator : Keith
Client ID : IA25-15
Lab ID : CS91396
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 27 05:42:39 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



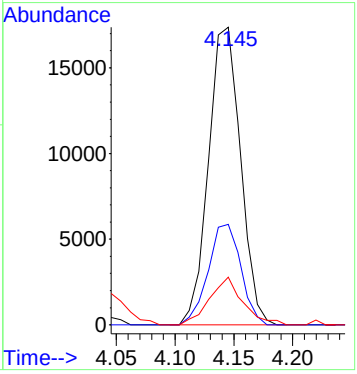


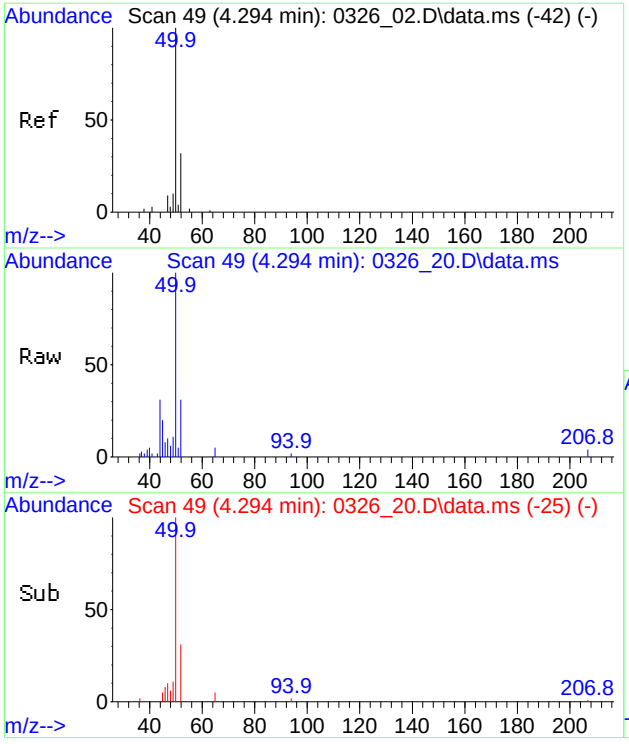


#3
Dichlorodifluoromethane
Conc: 8$ 0.487 ppbv
RT: 4.145 min Scan# 31
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 85 Resp: 33009

Ion	Ratio	Lower	Upper
85	100		
87	34.5	26.9	40.3
50	16.7	12.0	18.0

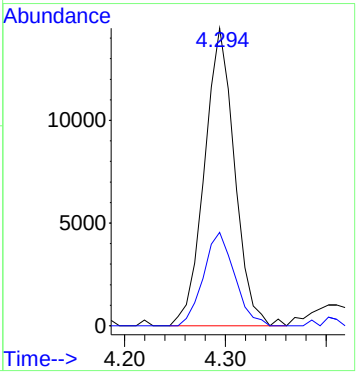


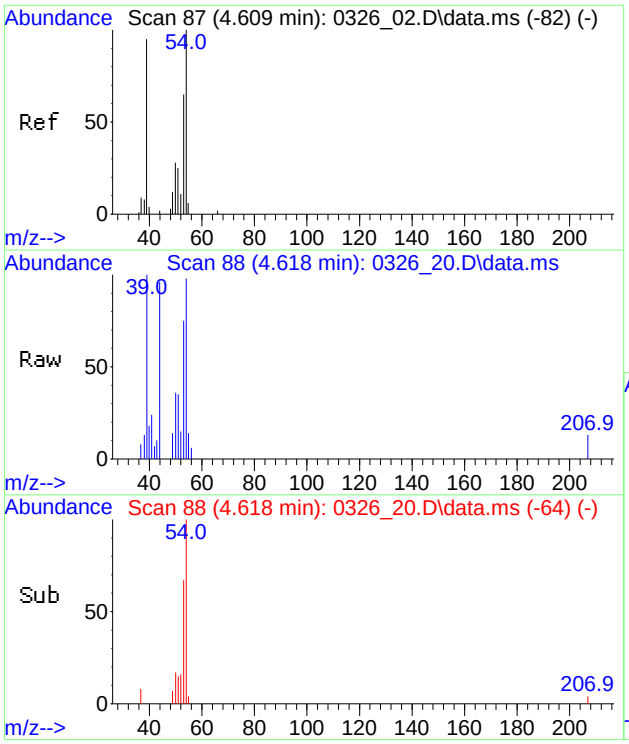


#4
Chloromethane
Conc: 8$ 0.986 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 50 Resp: 30070

Ion	Ratio	Lower	Upper
50	100		
52	32.4	12.8	52.8

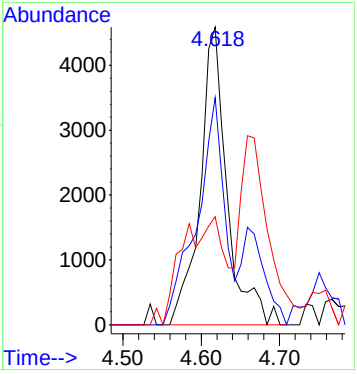


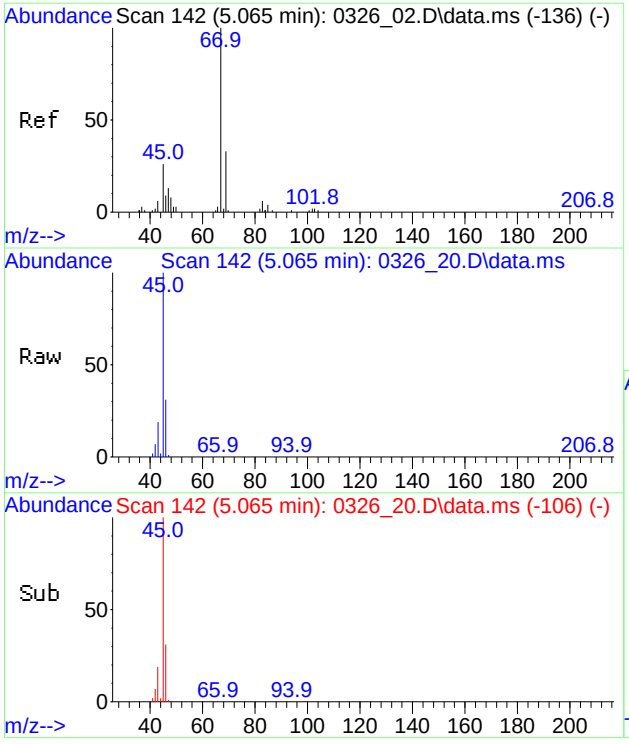


#7
1,3-Butadiene
Conc: 8$ 0.481 ppbv
RT: 4.618 min Scan# 88
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 54 Resp: 10954

Ion	Ratio	Lower	Upper
54	100		
53	77.7	63.6	95.4
50	26.0	28.3	42.5#

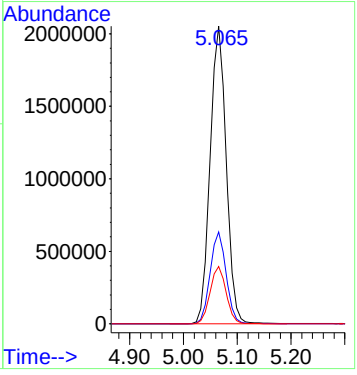


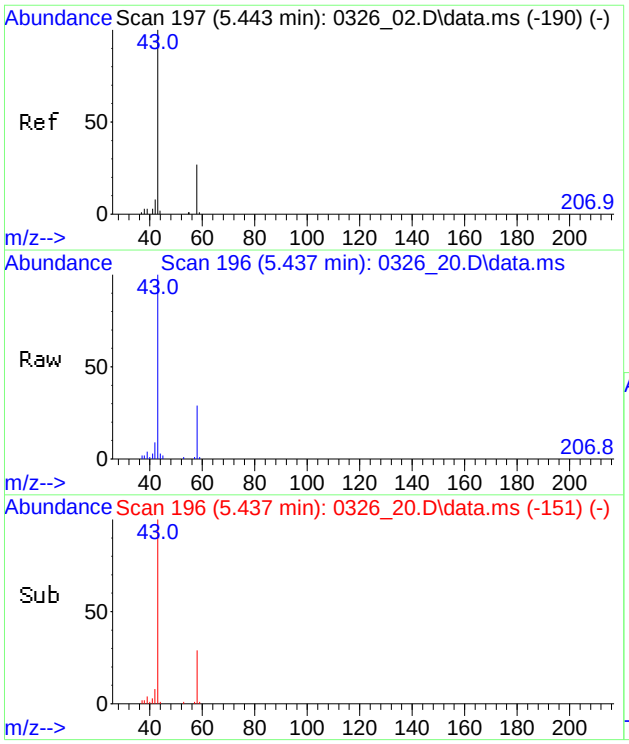


#11
Ethanol
Conc: 8$ 333.603 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 45 Resp: 4466094

Ion	Ratio	Lower	Upper
45	100		
46	29.7	25.0	37.6
43	19.7	20.0	30.0#

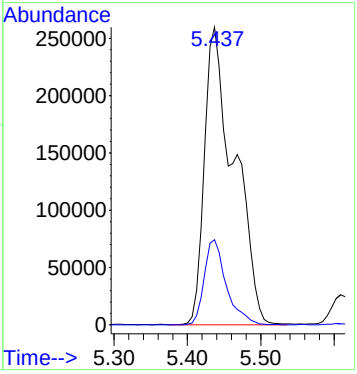


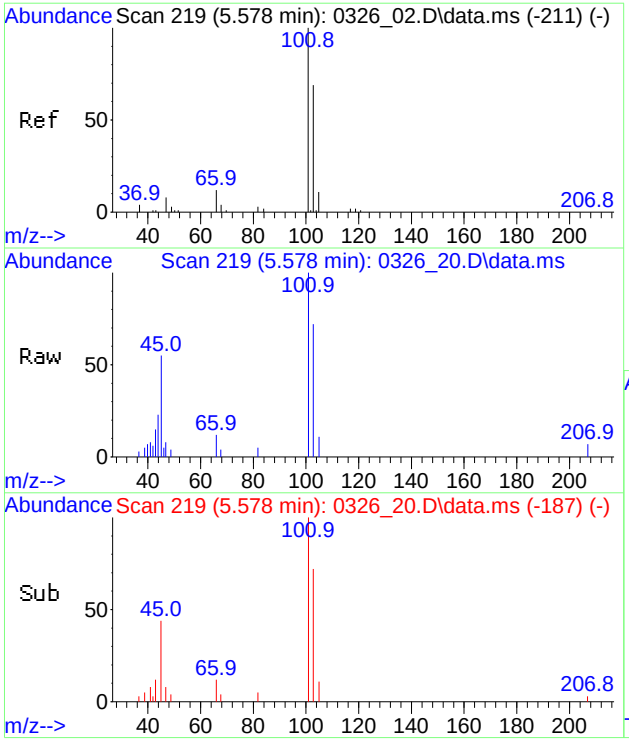


#12
Acetone
Conc: 8$ 16.942 ppbv
RT: 5.437 min Scan# 196
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 43 Resp: 734155

Ion	Ratio	Lower	Upper
43	100		
58	21.2	24.6	37.0#

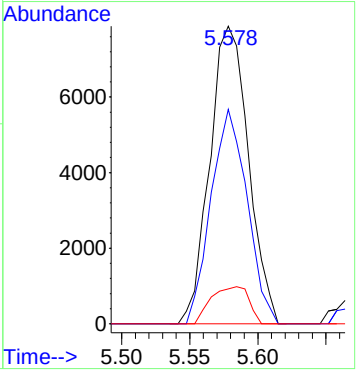


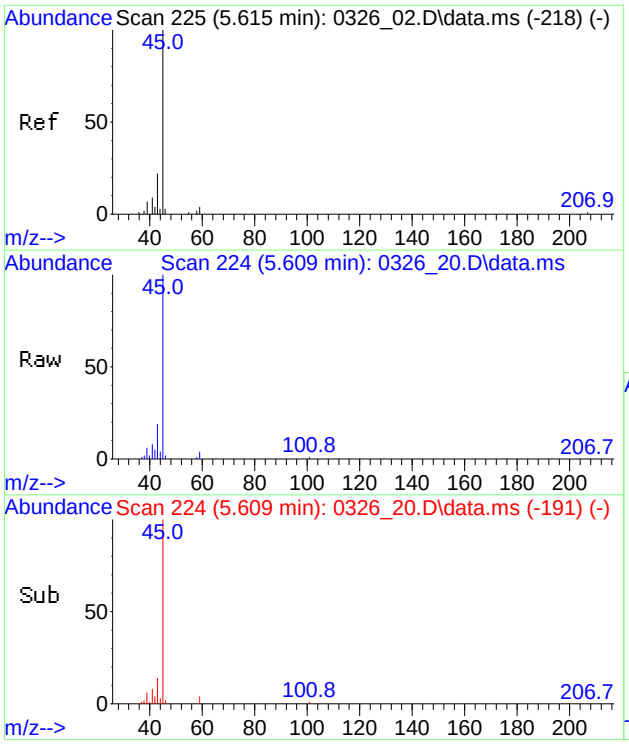


#13
Trichlorofluoromethane
Conc: 8$ 0.224 ppbv
RT: 5.578 min Scan# 219
Delta R.T. -0.006 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:101 Resp: 15531

Ion	Ratio	Lower	Upper
101	100		
103	67.2	53.4	80.2
66	12.2	9.3	13.9

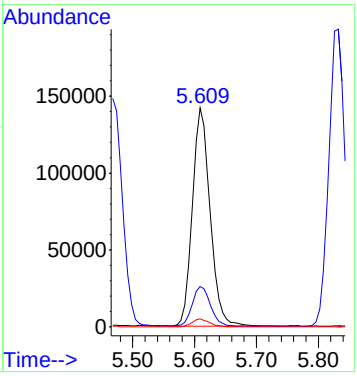


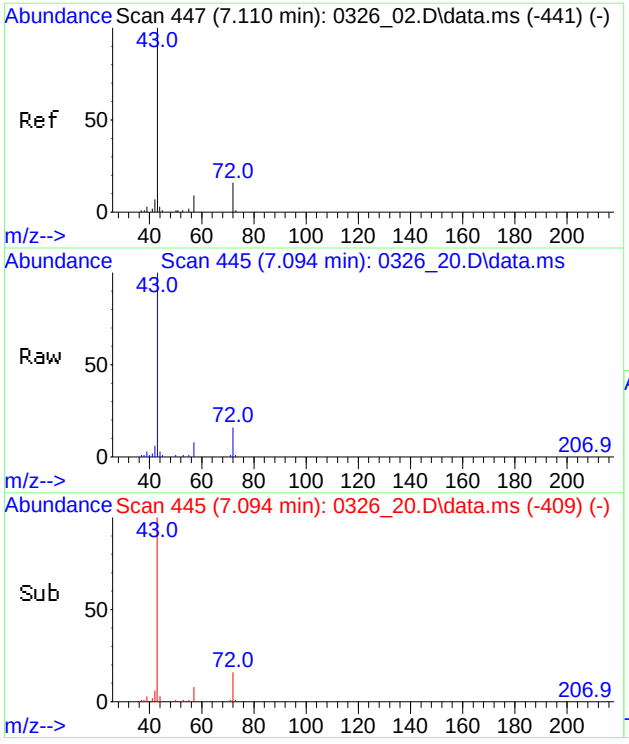


#14
Isopropylalcohol
Conc: 8$ 5.610 ppbv
RT: 5.609 min Scan# 224
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 45 Resp: 300321

Ion	Ratio	Lower	Upper
45	100		
43	18.1	13.3	19.9
59	3.3	2.6	4.0

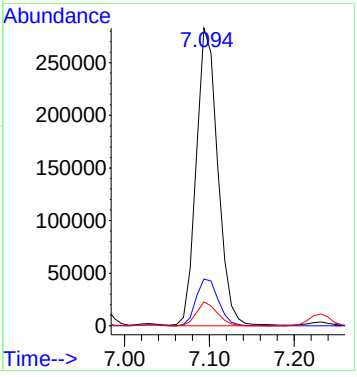


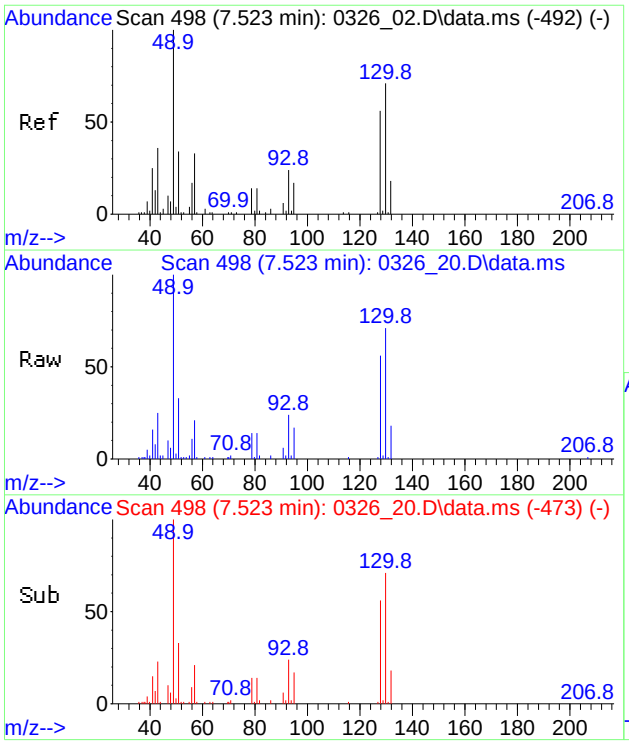


#25
Methyl Ethyl Ketone
Conc: 8$ 8.776 ppbv
RT: 7.094 min Scan# 445
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 43 Resp: 500068

Ion	Ratio	Lower	Upper
43	100		
72	16.3	13.1	19.7
57	7.7	6.6	9.8

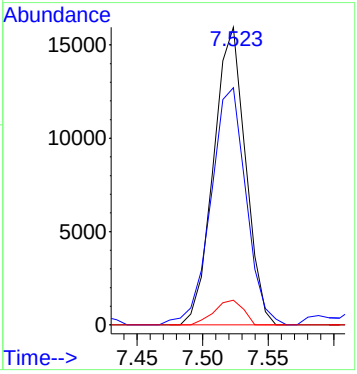


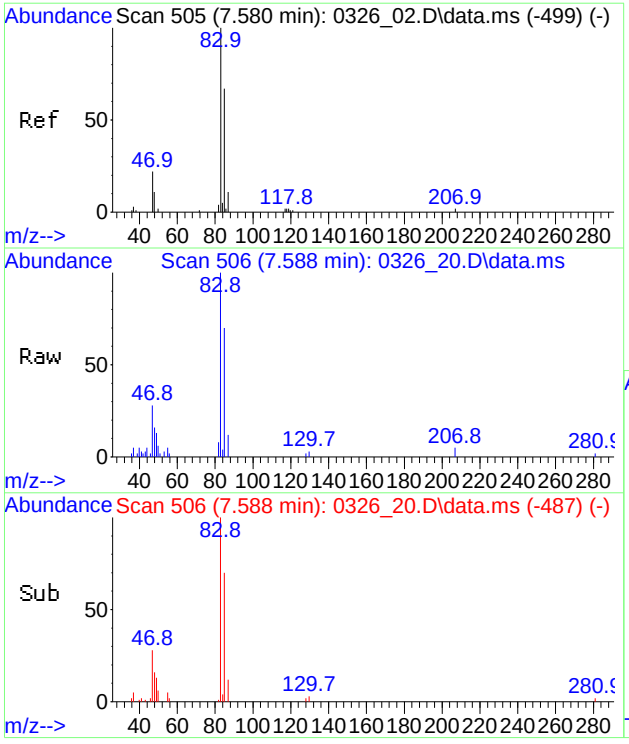


#27
Hexane
Conc: 8$ 0.678 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 57 Resp: 26999

Ion	Ratio	Lower	Upper
57	100		
41	87.7	63.4	95.2
86	7.6	5.8	8.6

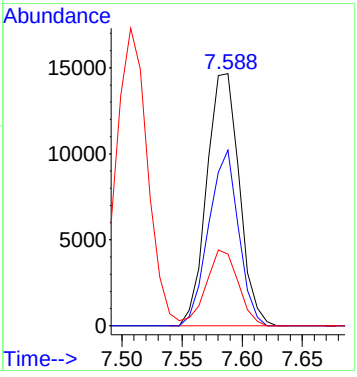


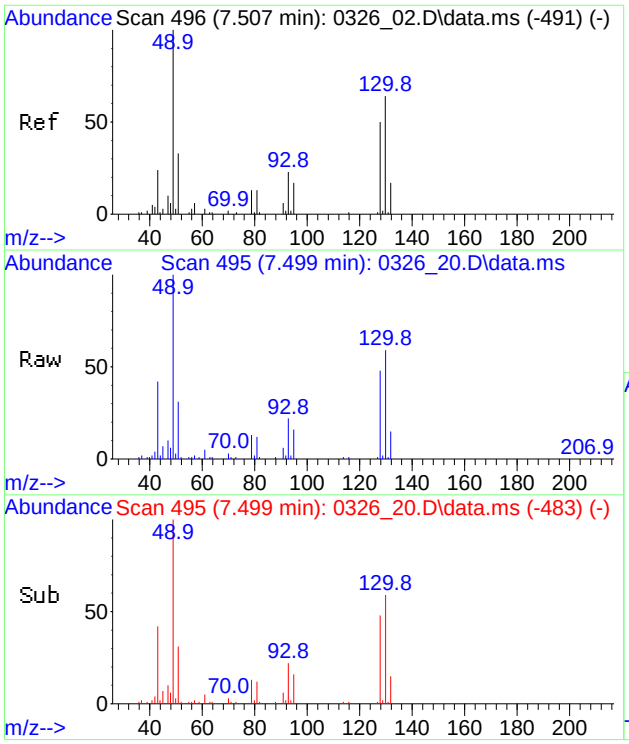


#28
Chloroform
Conc: 8$ 0.538 ppbv
RT: 7.588 min Scan# 506
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 83 Resp: 27745

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.4	84.4
47	29.6	7.4	47.4

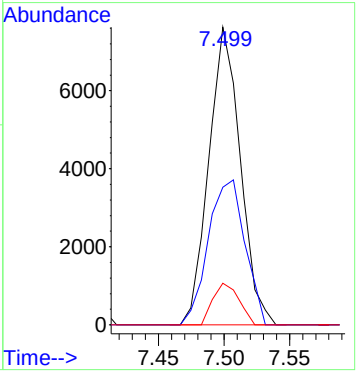


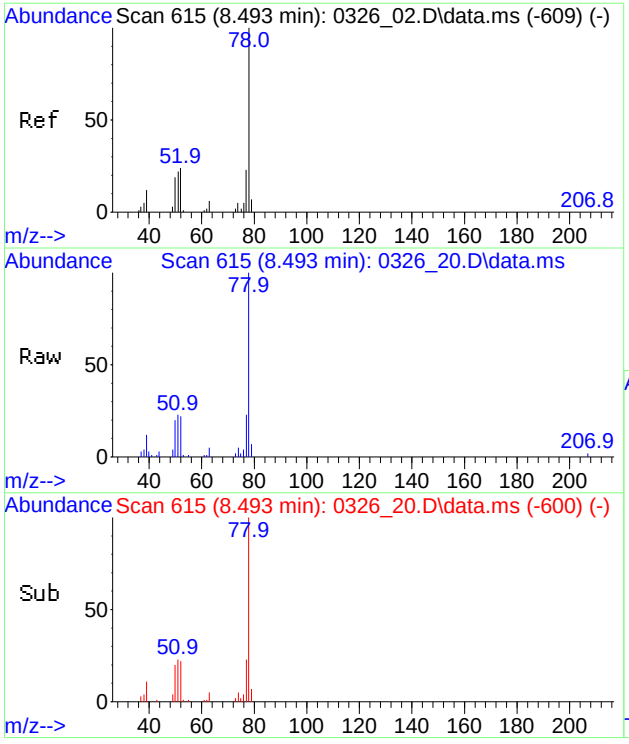


#29
Ethyl acetate
Conc: 8$ 1.387 ppbv
RT: 7.499 min Scan# 495
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 61 Resp: 12765

Ion	Ratio	Lower	Upper
61	100		
70	56.6	42.9	64.3
88	11.6	10.0	15.0

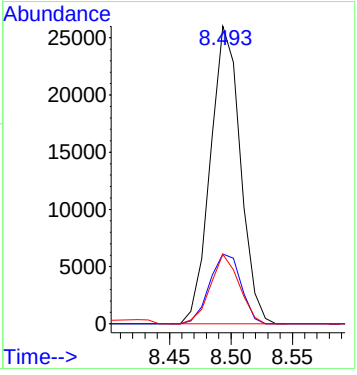


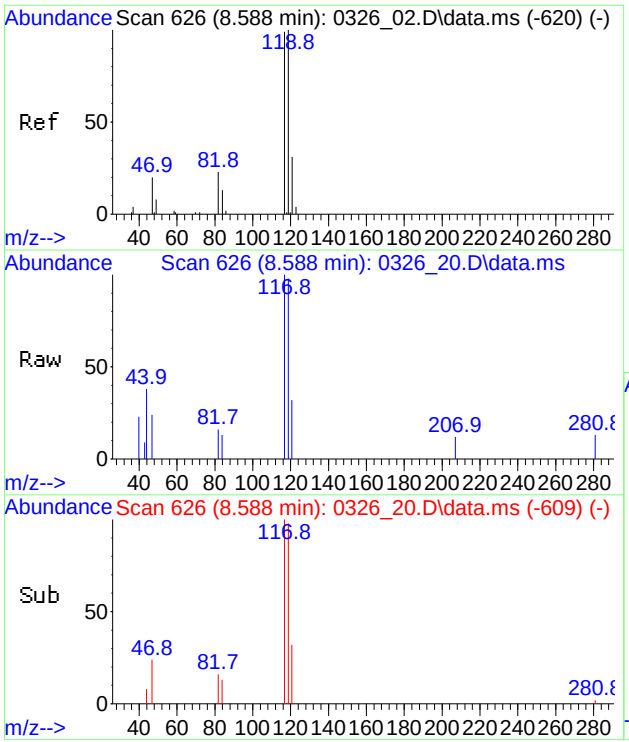


#33
Benzene
Conc: 8$ 0.647 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 78 Resp: 44363

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2
51	22.3	18.1	27.1

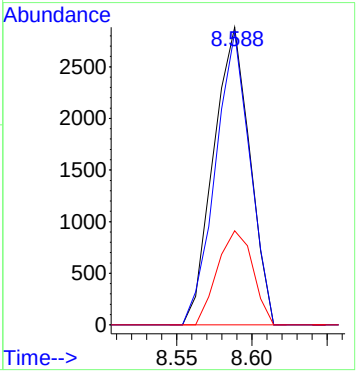


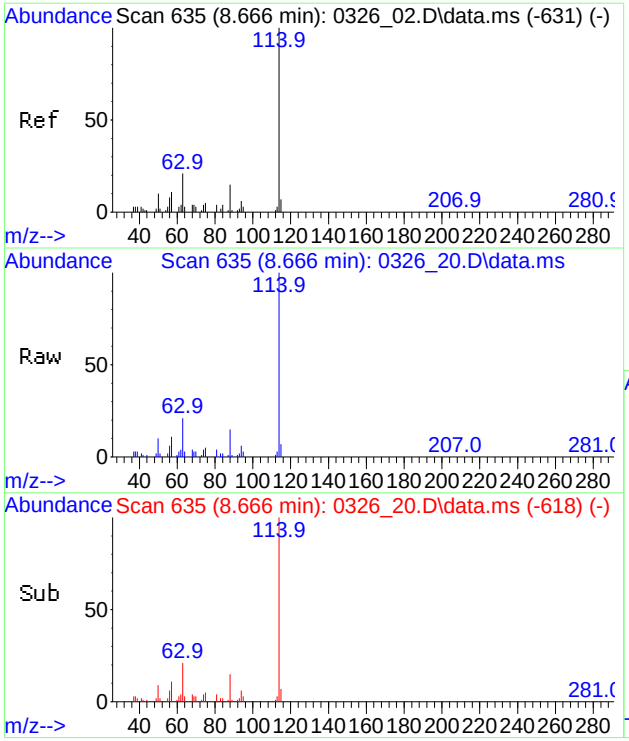


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:117 Resp: 4854

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	116.5
121	30.9	11.2	51.2

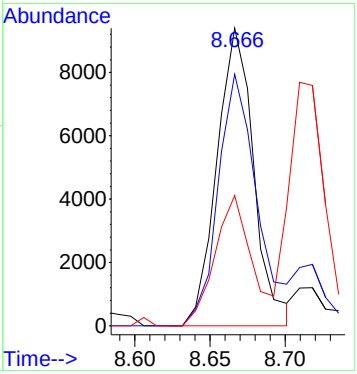


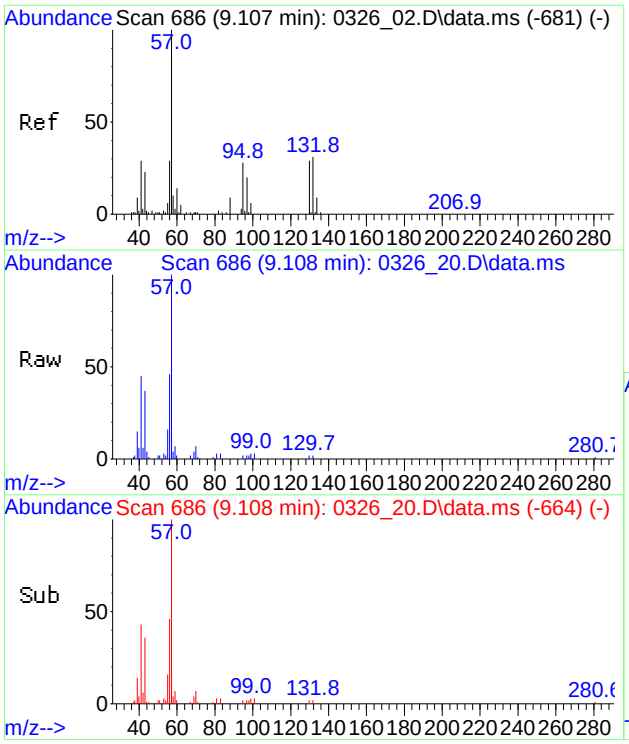


#35
Cyclohexane
Conc: 8$ 0.605 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 84 Resp: 16042

Ion	Ratio	Lower	Upper
84	100		
55	89.6	63.1	94.7
42	44.5	33.3	49.9

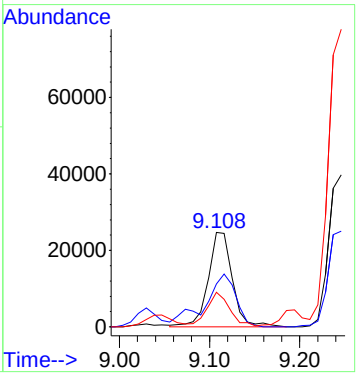


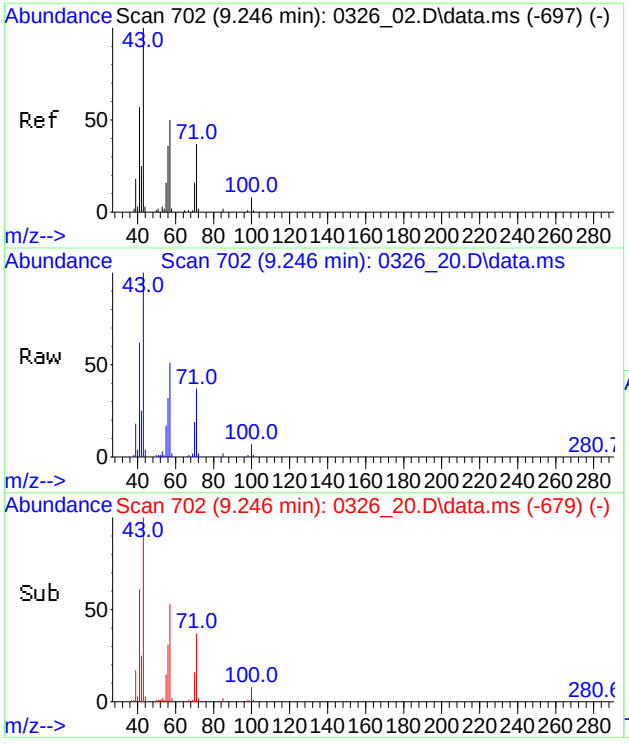


#40
2,2,4-trimethylpentane
Conc: 8$ 0.356 ppbv
RT: 9.108 min Scan# 686
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 57 Resp: 46295

Ion	Ratio	Lower	Upper
57	100		
56	71.8	22.9	34.3#
43	32.6	17.0	25.4#

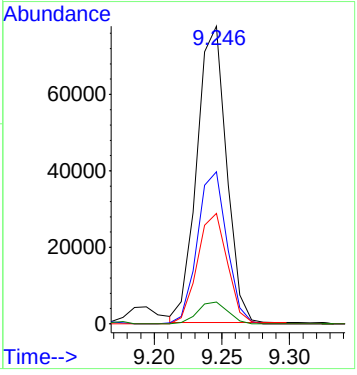


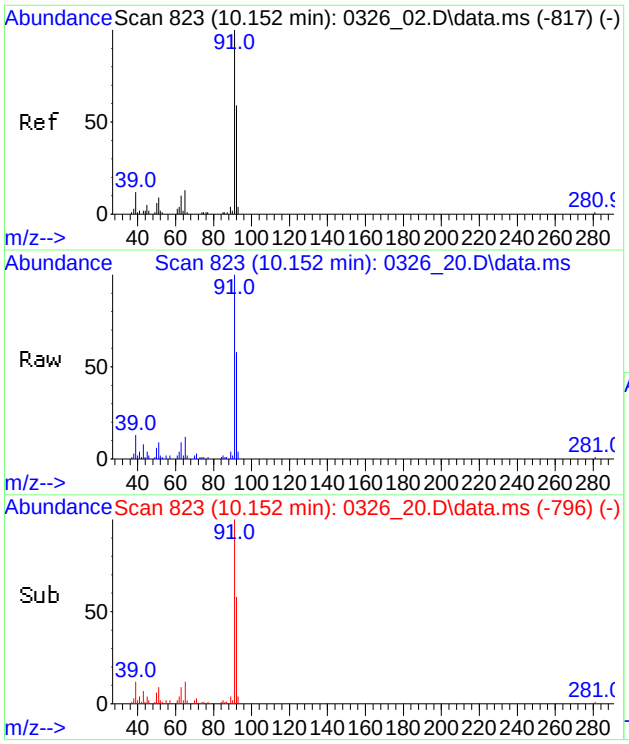


#43
Heptane
Conc: 8$ 2.252 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 43 Resp: 117619

Ion	Ratio	Lower	Upper
43	100		
57	51.2	42.4	63.6
71	37.8	29.4	44.0
100	7.6	6.5	9.7

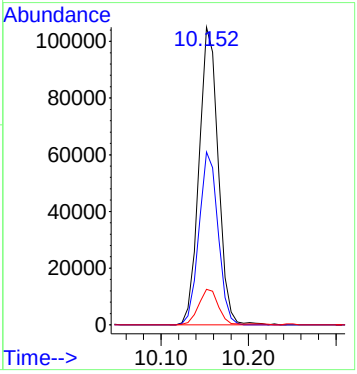


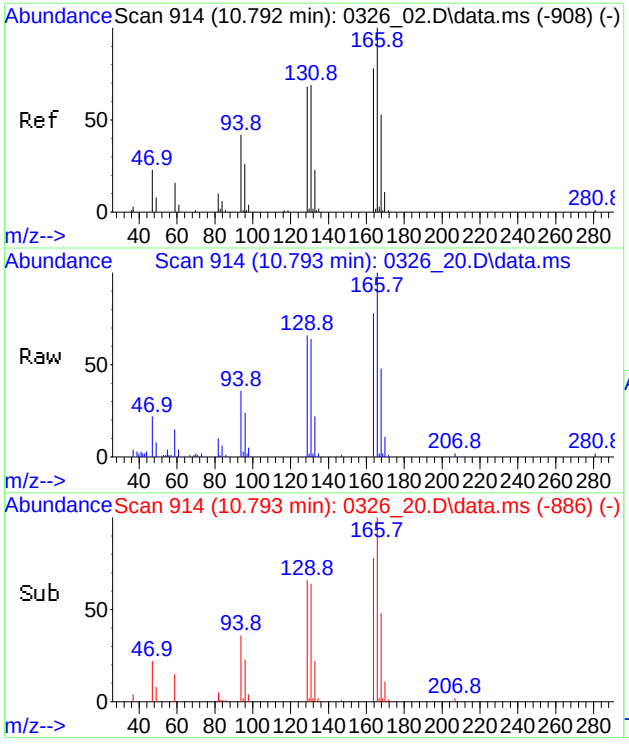


#48
Toluene
Conc: 8$ 1.945 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 91 Resp: 159555

Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.0	67.4
65	12.4	9.4	14.2

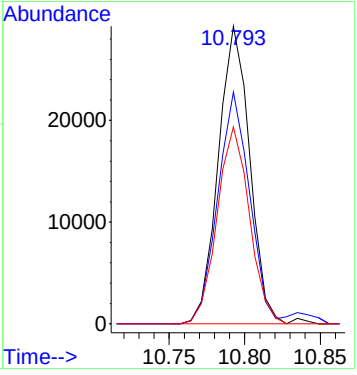


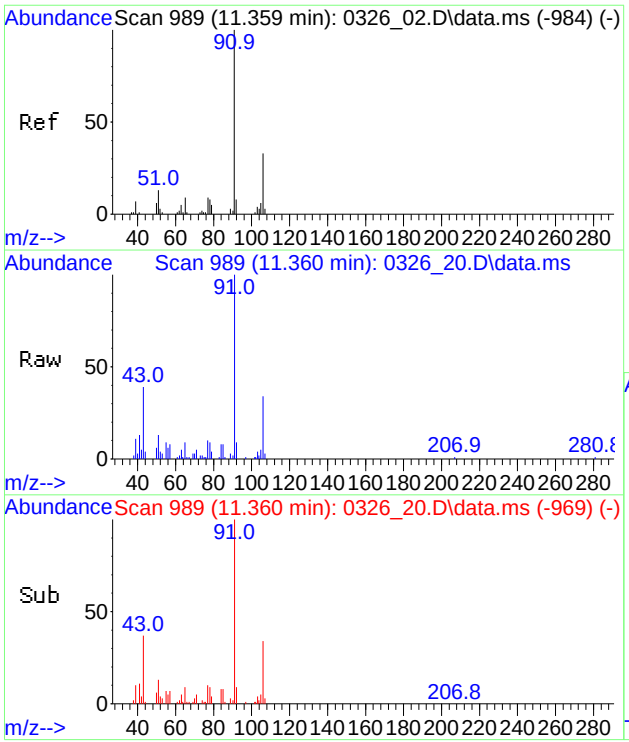


#52
Tetrachloroethene
Conc: 8$ 0.762 ppbv
RT: 10.793 min Scan# 914
Delta R.T. 0.001 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:166 Resp: 42210

Ion	Ratio	Lower	Upper
166	100		
164	79.6	64.7	97.1
129	68.2	62.2	93.2

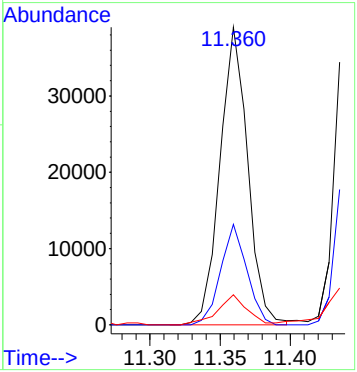


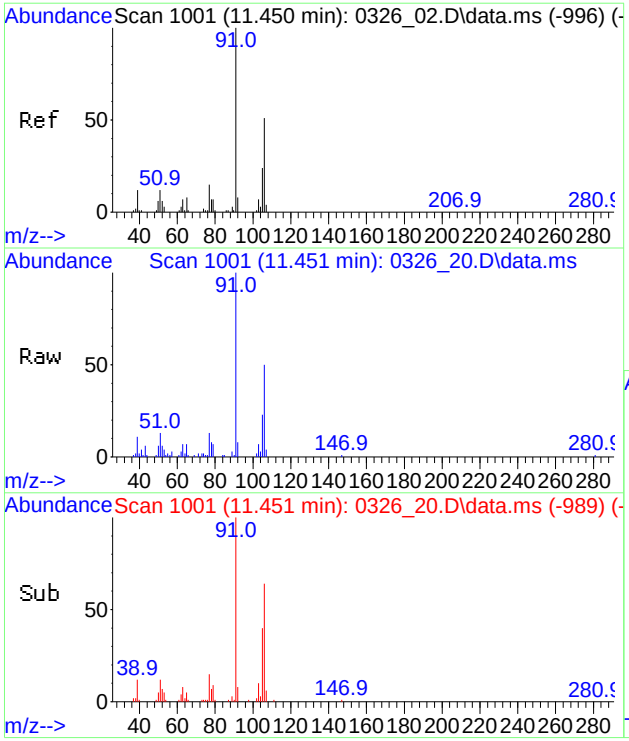


#56
Ethylbenzene
Conc: 8$ 0.517 ppbv
RT: 11.360 min Scan# 989
Delta R.T. 0.001 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 91 Resp: 53663

Ion	Ratio	Lower	Upper
91	100		
106	31.9	13.5	53.5
77	10.8	0.0	28.3

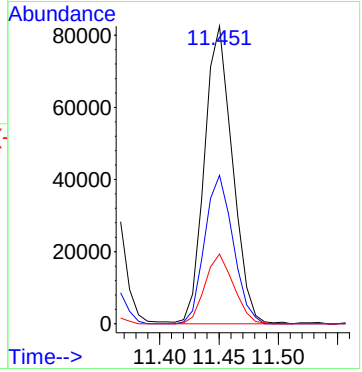


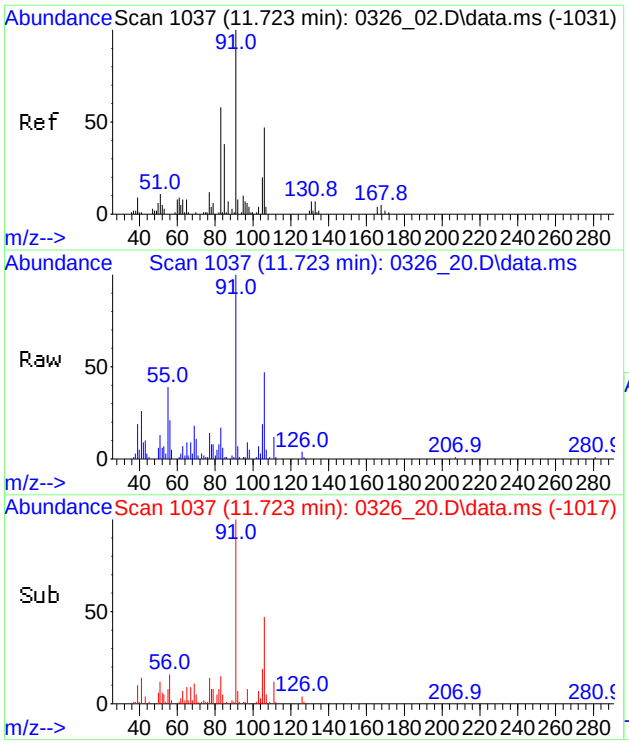


#57
m,p-Xylene
Conc: 8$ 1.718 ppbv
RT: 11.451 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 91 Resp: 135678

Ion	Ratio	Lower	Upper
91	100		
106	50.6	41.1	61.7
105	23.9	19.5	29.3

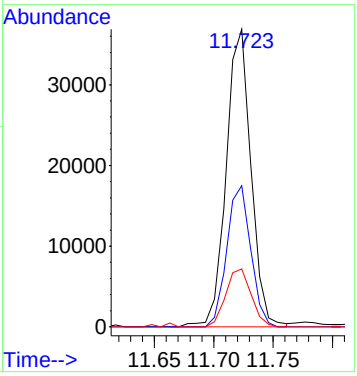


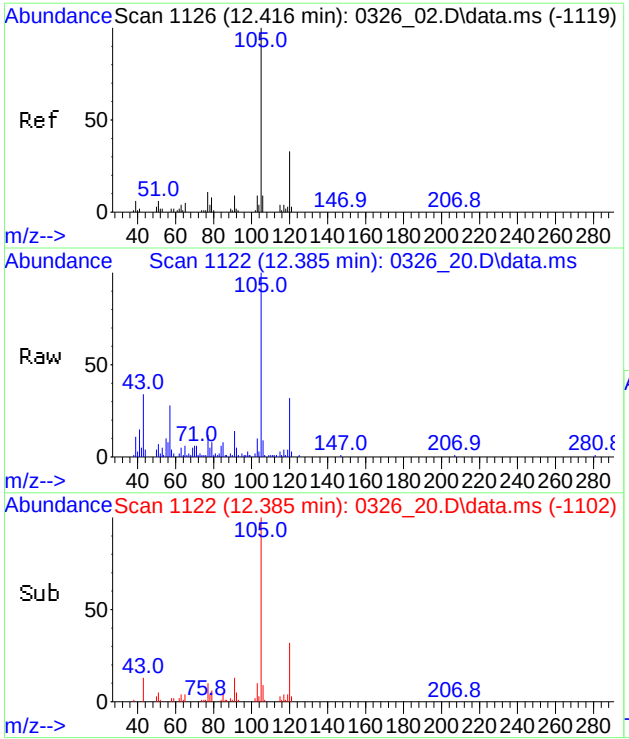


#61
o-Xylene
Conc: 8$ 0.644 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 91 Resp: 53628

Ion	Ratio	Lower	Upper
91	100		
106	45.8	39.6	59.4
105	20.0	16.7	25.1

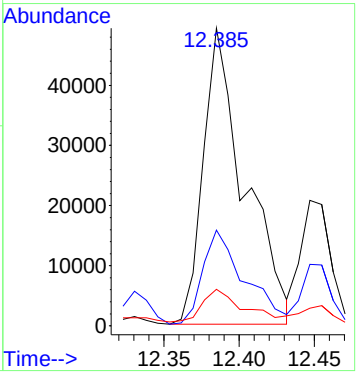


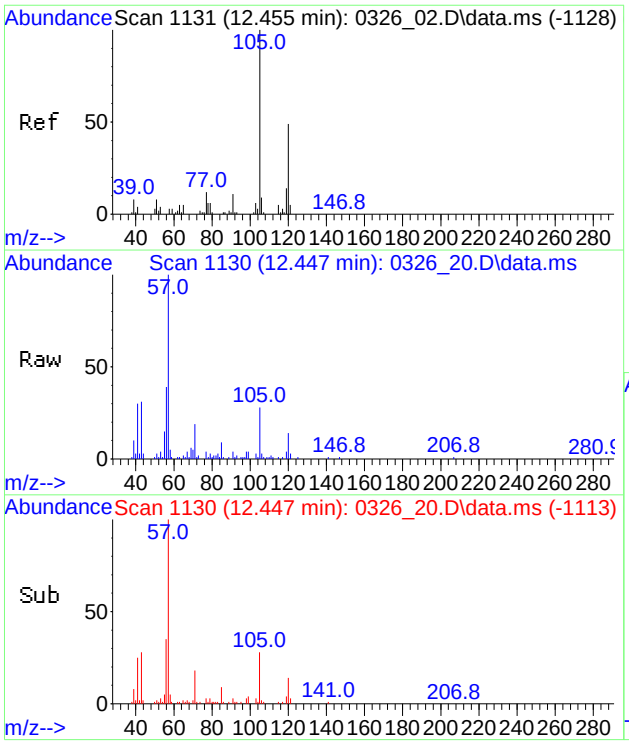


#65
4-Ethyltoluene
Conc: 8$ 0.835 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:105 Resp: 94319

Ion	Ratio	Lower	Upper
105	100		
120	33.6	23.4	35.2
77	10.3	8.2	12.4

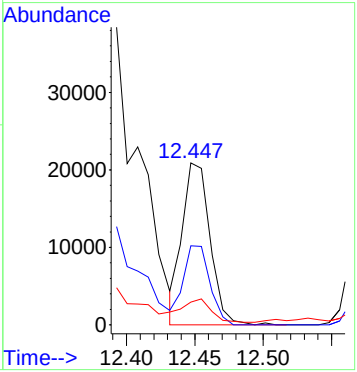


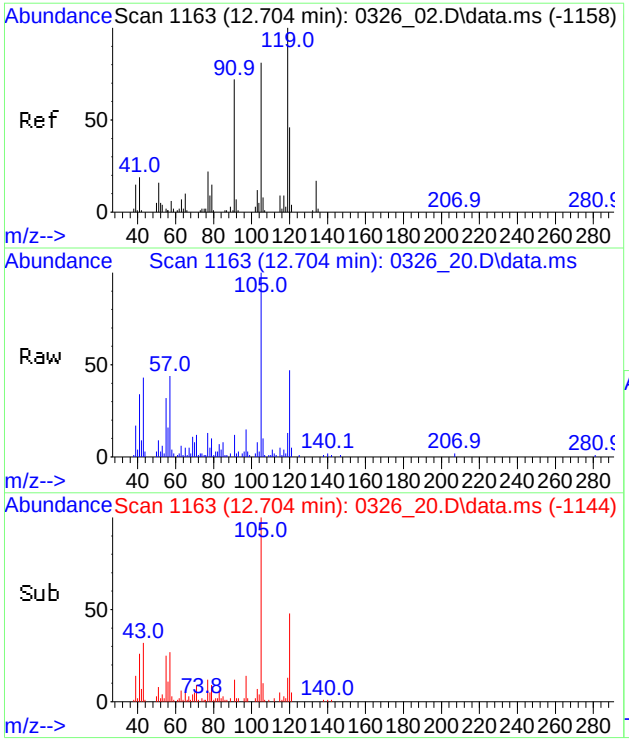


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.298 ppbv
RT: 12.447 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:105 Resp: 29560

Ion	Ratio	Lower	Upper
105	100		
120	46.9	42.6	63.8
77	14.2	8.8	13.2#

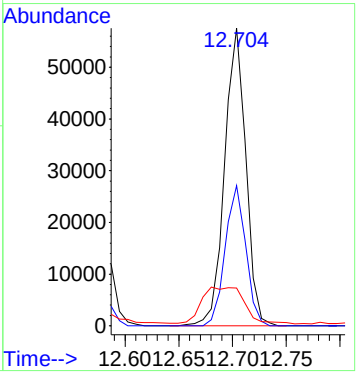


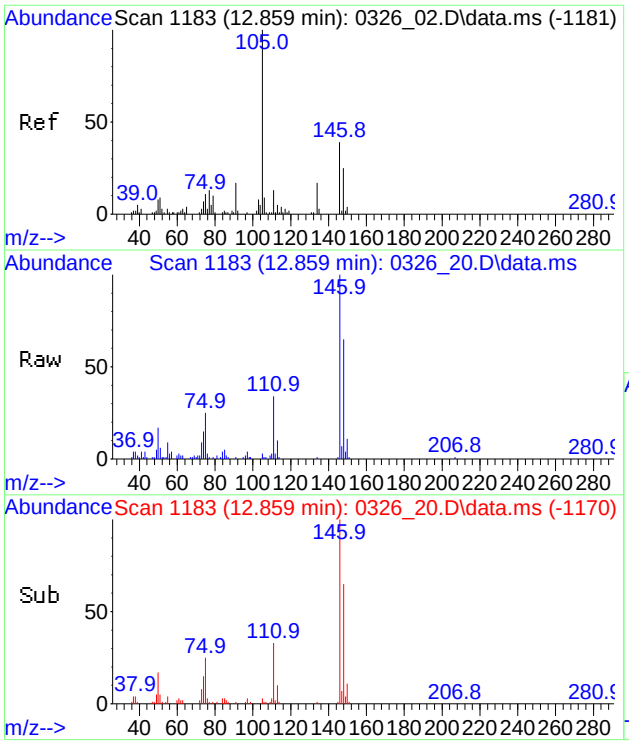


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.810 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:105 Resp: 78794

Ion	Ratio	Lower	Upper
105	100		
120	45.7	44.4	66.6
77	24.4	18.2	27.4

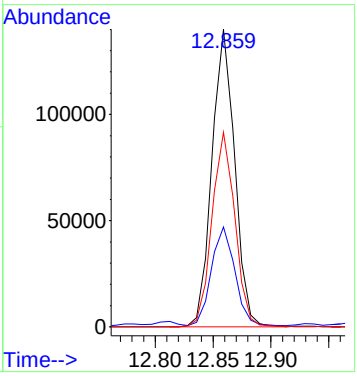


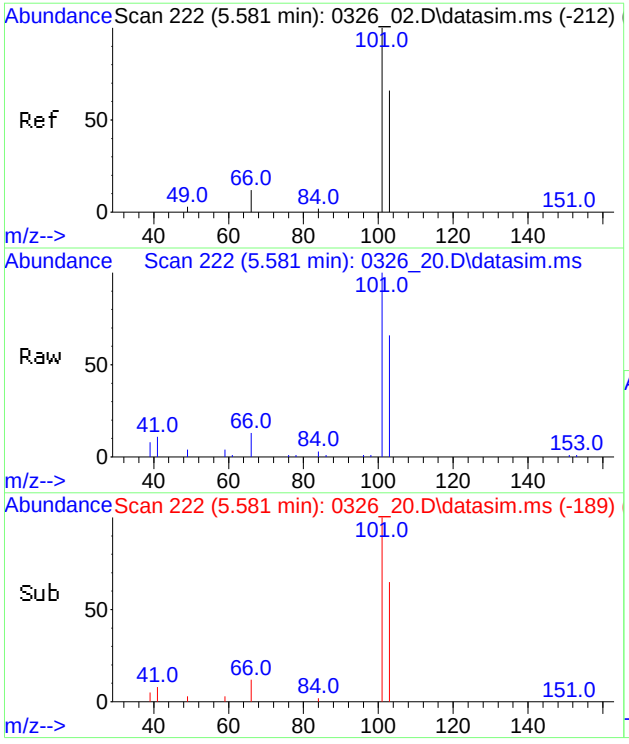


#70
1,4-Dichlorobenzene
Conc: 8$ 3.314 ppbv
RT: 12.859 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:146 Resp: 190364

Ion	Ratio	Lower	Upper
146	100		
111	34.1	29.7	44.5
148	65.9	51.3	76.9

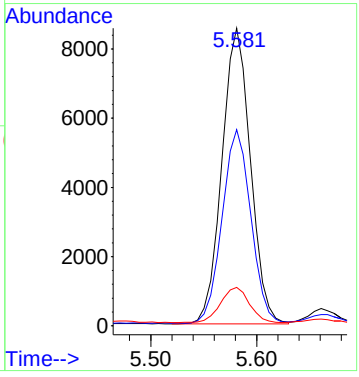


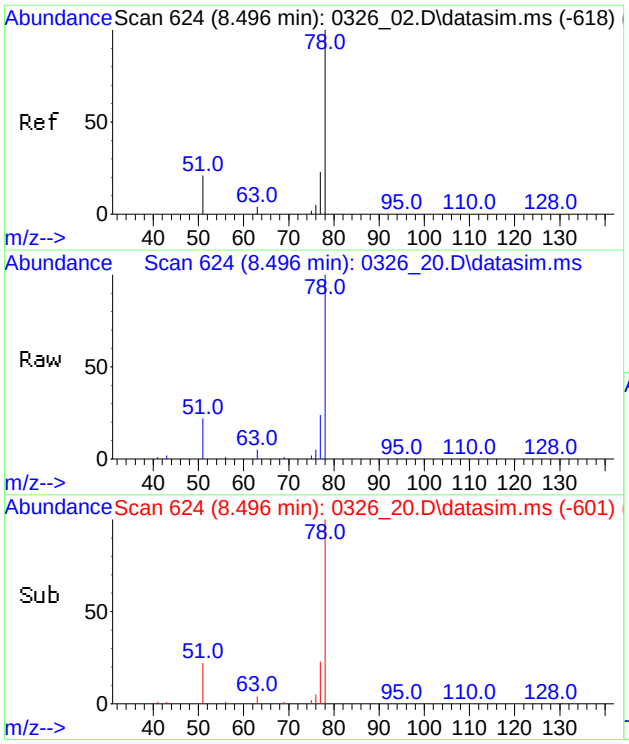


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.217 ppbv
RT: 5.581 min Scan# 222
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:101 Resp: 16007

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.4	78.6
66	13.5	11.4	11.4#

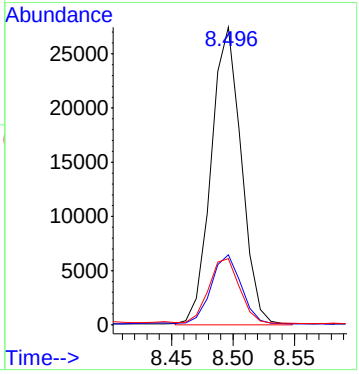


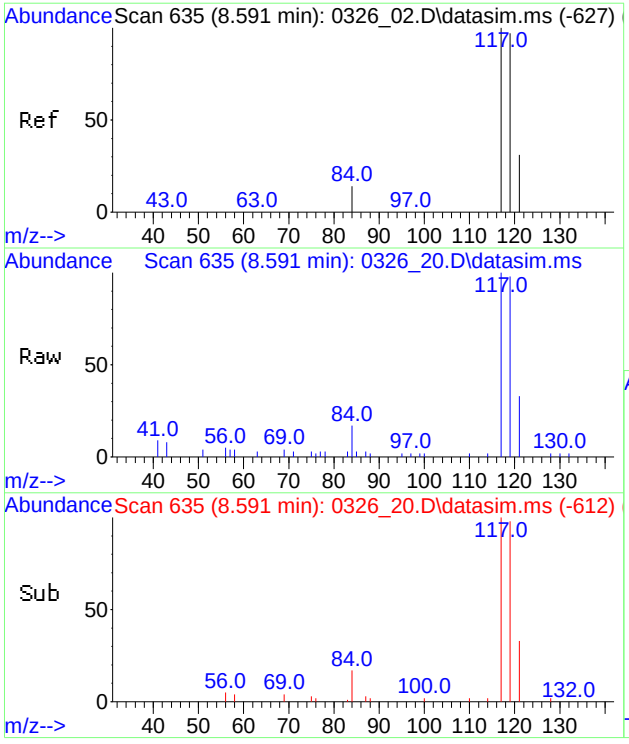


#85
Benzene(sim)
Conc: 8$ 0.617 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 78 Resp: 44363

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2
51	22.3	18.1	27.1

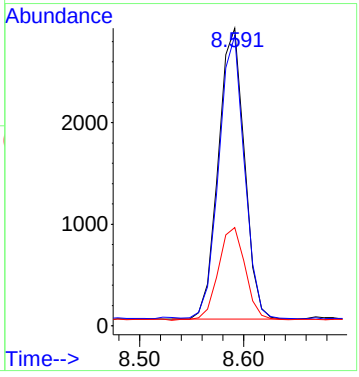


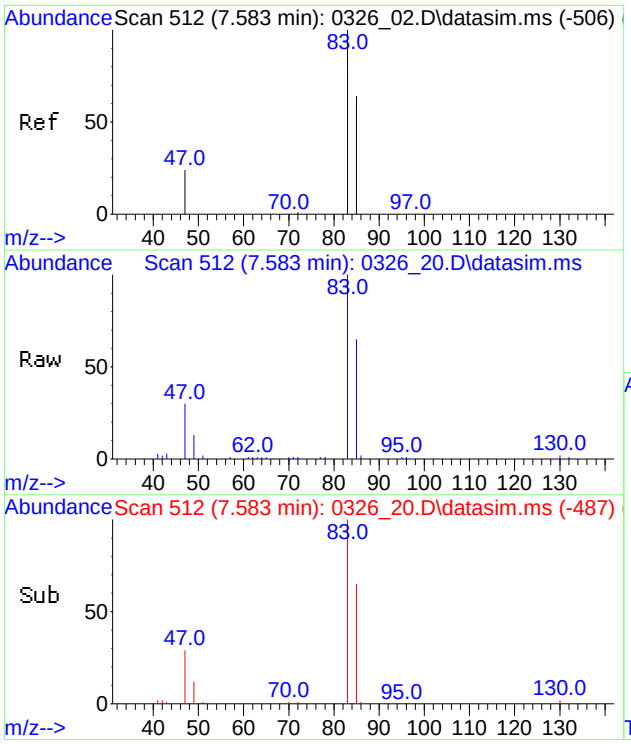


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.078 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:117 Resp: 4974

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.2
121	32.6	24.9	37.3

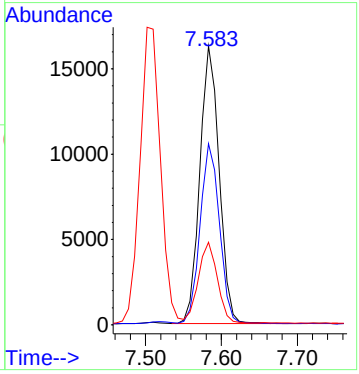


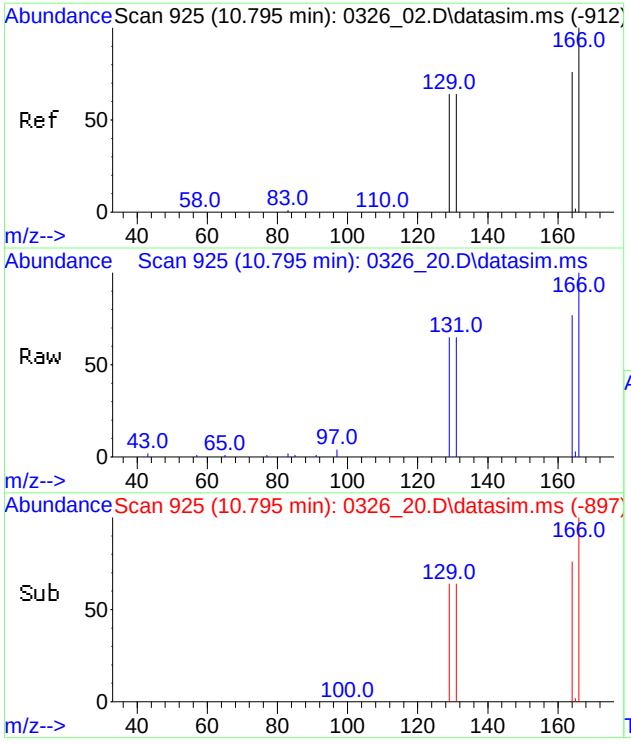


#92
Chloroform(sim)
Conc: 8$ 0.505 ppbv
RT: 7.583 min Scan# 512
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 83 Resp: 28773

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.6	77.4
47	28.6	23.0	34.4

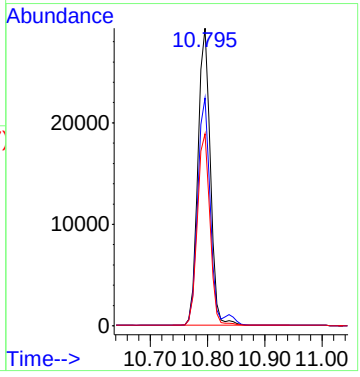


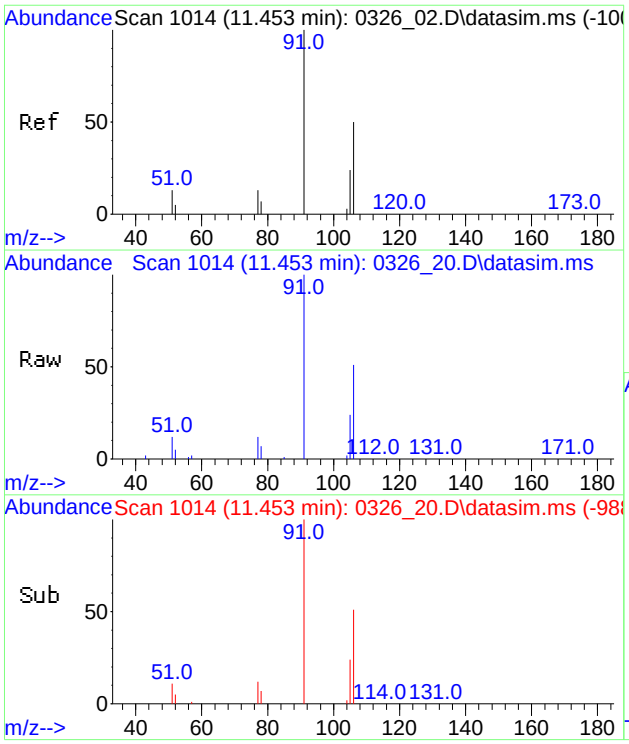


#102
Tetrachloroethene(sim)
Conc: 8$ 0.743 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:166 Resp: 43972

Ion	Ratio	Lower	Upper
166	100		
164	76.7	58.0	98.0
129	65.1	58.0	98.0

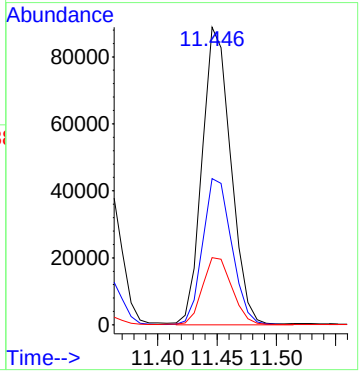


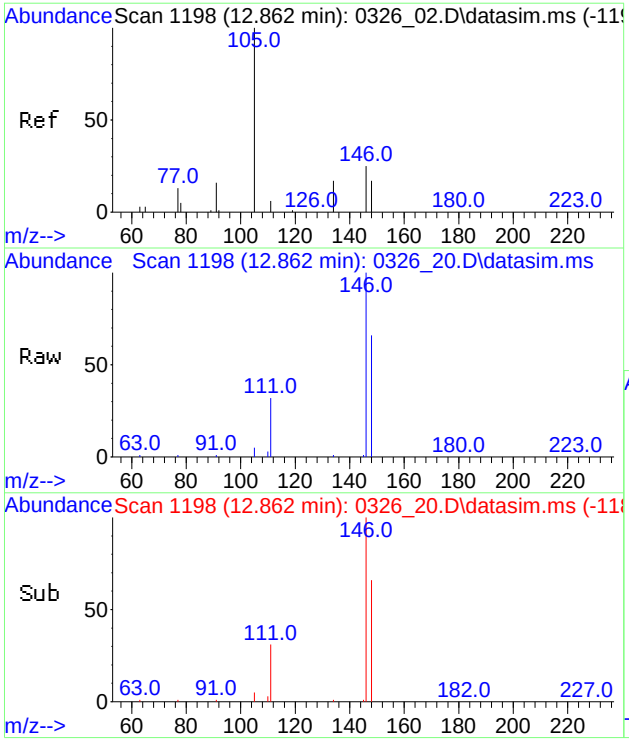


#105
m,p-Xylene(sim)
Conc: 8$ 1.667 ppbv
RT: 11.451 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion: 91 Resp: 135678

Ion	Ratio	Lower	Upper
91	100		
106	50.7	46.3	56.5
105	23.8	19.5	29.3

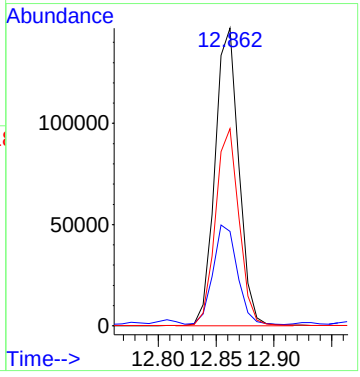




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 4.149 ppbv
RT: 12.859 min Scan# 1198
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 27 Mar 2025 1:21 am

Tgt Ion:146 Resp: 190229

Ion	Ratio	Lower	Upper
146	100		
111	34.1	17.1	57.1
148	65.9	44.1	84.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-07

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91397

Canister: 23350 Lab File ID: 0326_17.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.487		0.202	0.202	r
74-87-3	Chloromethane	0.645		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	65.2	ES	0.531	0.531	r
67-64-1	Acetone	10.5	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.212		0.178	0.178	r
67-63-0	Isopropylalcohol	3.34	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	8.28		0.339	0.339	r
110-54-3	Hexane	0.557	S	0.284	0.284	r
67-66-3	Chloroform	0.394		0.205	0.205	r
141-78-6	Ethyl acetate	0.442		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.413		0.313	0.313	r
110-82-7	Cyclohexane	0.448		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.299		0.215	0.215	r
142-82-5	Heptane	0.658		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	1.60		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.758		0.037	0.037	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
100-41-4	Ethylbenzene	0.380		0.230	0.230	r
179601-23-1	m,p-Xylene	1.19		0.230	0.230	r
100-42-5	Styrene	0.794		0.235	0.235	r
95-47-6	o-Xylene	0.494		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.949		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.471		0.204	0.204	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

IA25-07

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91397

Canister: 23350 Lab File ID: 0326_17.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	1.16		0.204	0.204	r
106-46-7	1,4-Dichlorobenzene	0.227		0.166	0.166	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
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
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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_17.D
Acq On : 26 Mar 2025 11:24 pm
Operator : Keith
Client ID : IA25-07
Lab ID : CS91397
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 05:39:47 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

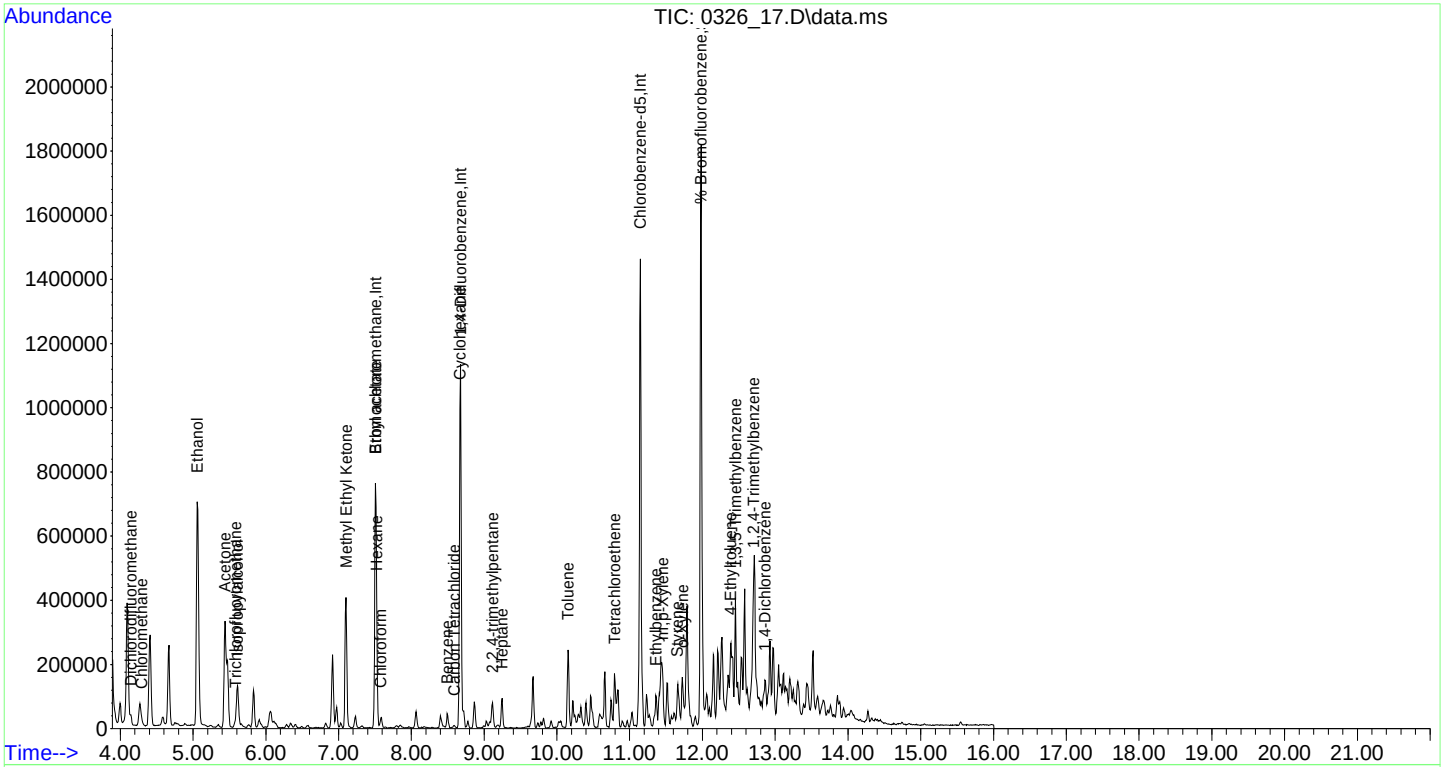
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	221795	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	760733	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	365970	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	222345	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	760733	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	365970	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	439330	10.026	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.30%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	34755	0.487	ppbv		98
4) Chloromethane	4.294	50	20699	0.645	ppbv		100
11) Ethanol	5.057	45	918898	65.220	ppbv	#	94
12) Acetone	5.437	43	476978	10.459	ppbv		93
13) Trichlorofluoromethane	5.584	101	15427	0.211	ppbv		99
14) Isopropylalcohol	5.609	45	188160	3.340	ppbv		97
25) Methyl Ethyl Ketone	7.102	43	496414	8.278	ppbv		99
27) Hexane	7.523	57	23335	0.557	ppbv		90
28) Chloroform	7.580	83	21400	0.394	ppbv		98
29) Ethyl acetate	7.507	61	4281	0.442	ppbv	#	94
33) Benzene	8.493	78	29784	0.413	ppbv		97
34) Carbon Tetrachloride	8.588	117	4873	0.074	ppbv		93
35) Cyclohexane	8.666	84	12493	0.448	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	40488	0.299	ppbv	#	45
43) Heptane	9.246	43	35842	0.658	ppbv		95
48) Toluene	10.152	91	136679	1.599	ppbv		96
52) Tetrachloroethene	10.792	166	43764	0.758	ppbv		91
56) Ethylbenzene	11.359	91	40032	0.380	ppbv		96
57) m,p-Xylene	11.450	91	95268	1.188	ppbv		99
59) Styrene	11.655	104	47044	0.794	ppbv		97
61) o-Xylene	11.723	91	41786	0.494	ppbv		96
65) 4-Ethyltoluene	12.385	105	108838	0.948	ppbv		96
66) 1,3,5-Trimethylbenzene	12.455	105	47569	0.471	ppbv		92
67) 1,2,4-Trimethylbenzene	12.703	105	114310	1.156	ppbv	#	86
70) 1,4-Dichlorobenzene	12.859	146	13261	0.227	ppbv		91
82] Trichlorofluoromethane...	5.581	101	16362	0.212	ppbv	#	99
85] Benzene(sim)	8.493	78	29784	0.395	ppbv		97
86] Carbon Tetrachloride(sim)	8.591	117	5103	0.076	ppbv		99
92] Chloroform(sim)	7.583	83	21928	0.367	ppbv		99
102] Tetrachloroethene(sim)	10.795	166	44196	0.716	ppbv		93
105] m,p-Xylene(sim)	11.450	91	95268	1.152	ppbv		99
109] 1,4-Dichlorobenzene(sim)	12.859	146	13261	0.285	ppbv		91

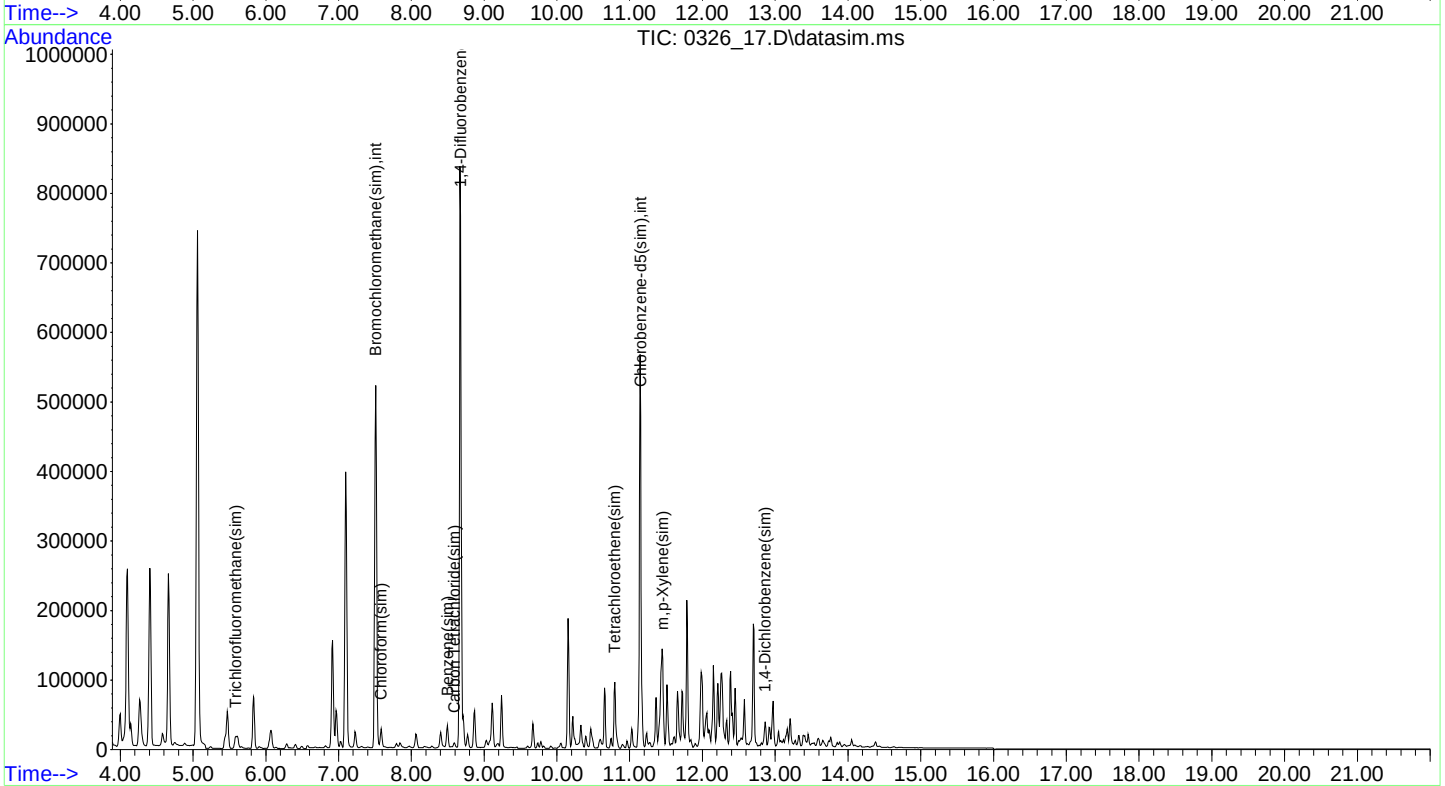
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

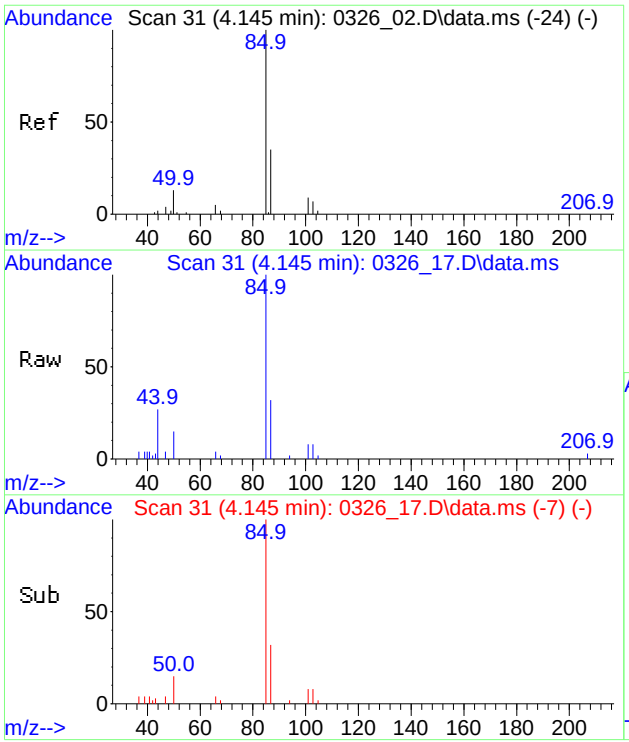
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_17.D
Acq On : 26 Mar 2025 11:24 pm
Operator : Keith
Client ID : IA25-07
Lab ID : CS91397
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 27 05:39:47 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



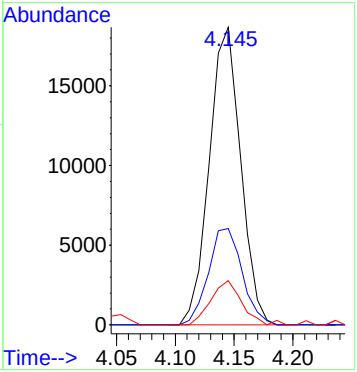


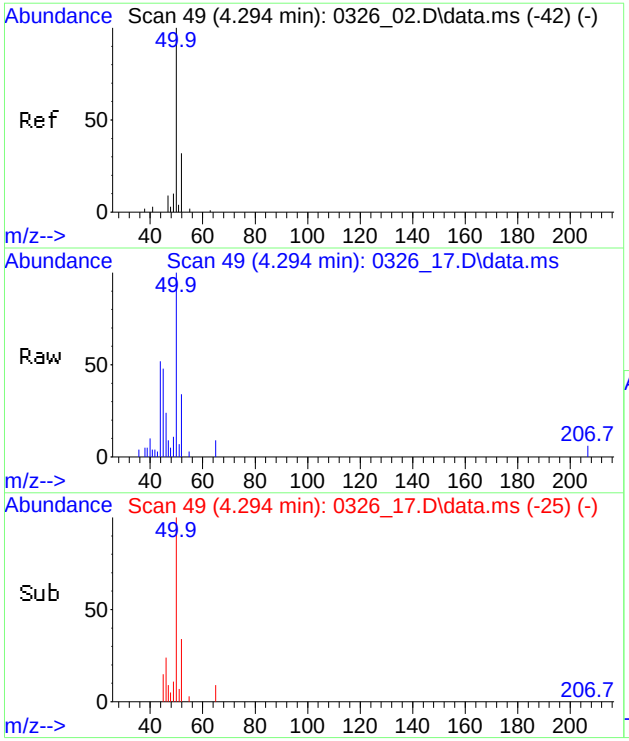


#3
Dichlorodifluoromethane
Conc: 8$ 0.487 ppbv
RT: 4.145 min Scan# 31
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 85 Resp: 34755

Ion	Ratio	Lower	Upper
85	100		
87	34.9	26.9	40.3
50	14.8	12.0	18.0

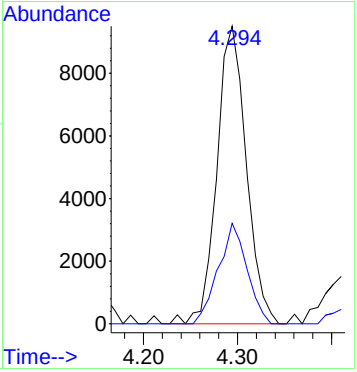


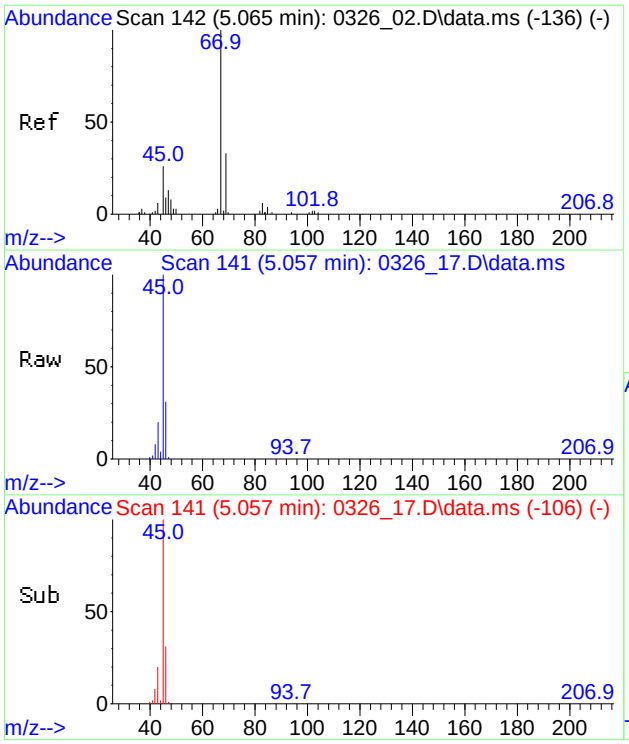


#4
Chloromethane
Conc: 8$ 0.645 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 50 Resp: 20699

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.8	52.8

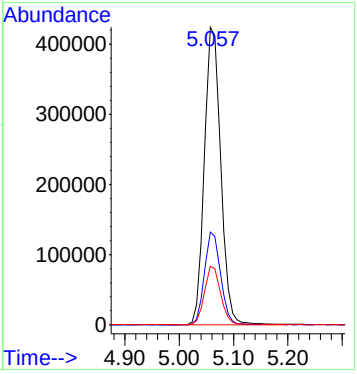


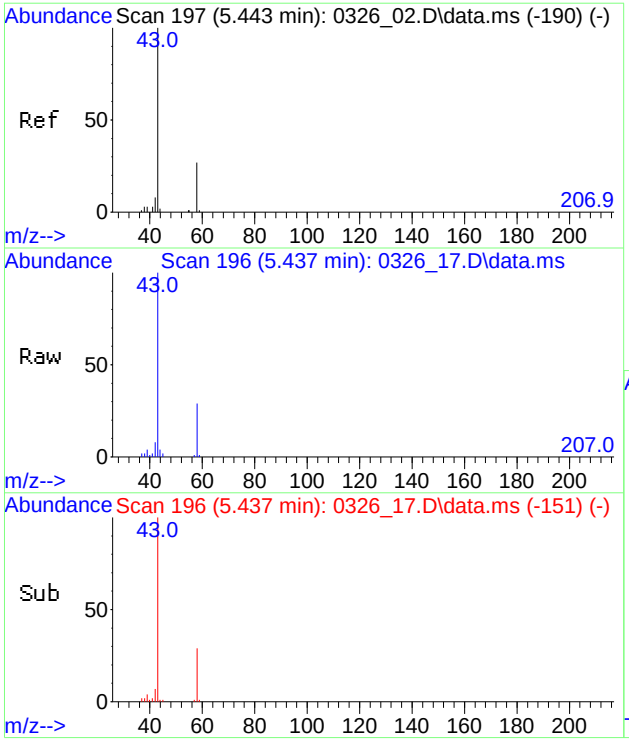


#11
Ethanol
Conc: 8$ 65.220 ppbv
RT: 5.057 min Scan# 141
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 45 Resp: 918898

Ion	Ratio	Lower	Upper
45	100		
46	31.0	25.0	37.6
43	19.0	20.0	30.0#

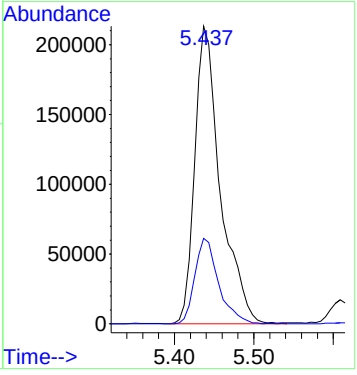


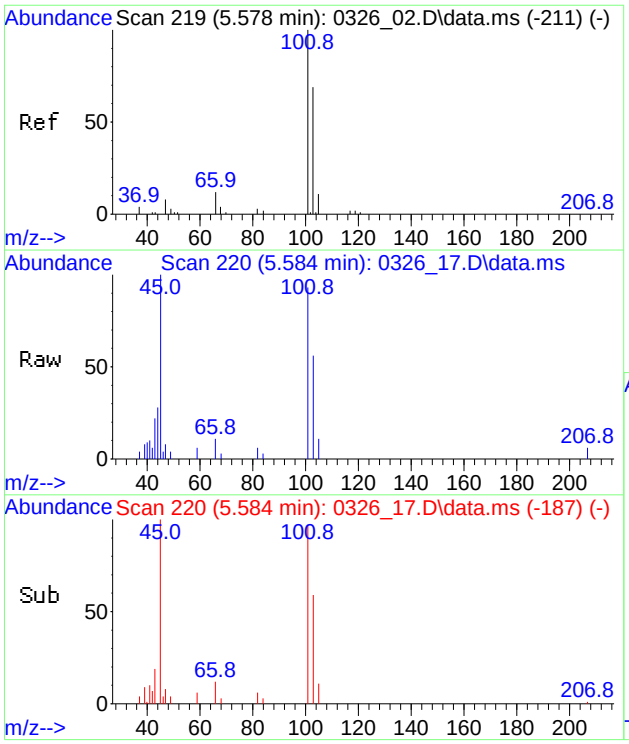


#12
Acetone
Conc: 8$ 10.459 ppbv
RT: 5.437 min Scan# 196
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 43 Resp: 476978

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.6	37.0

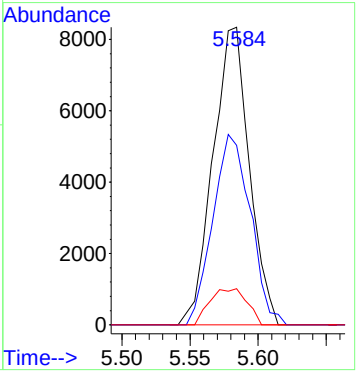


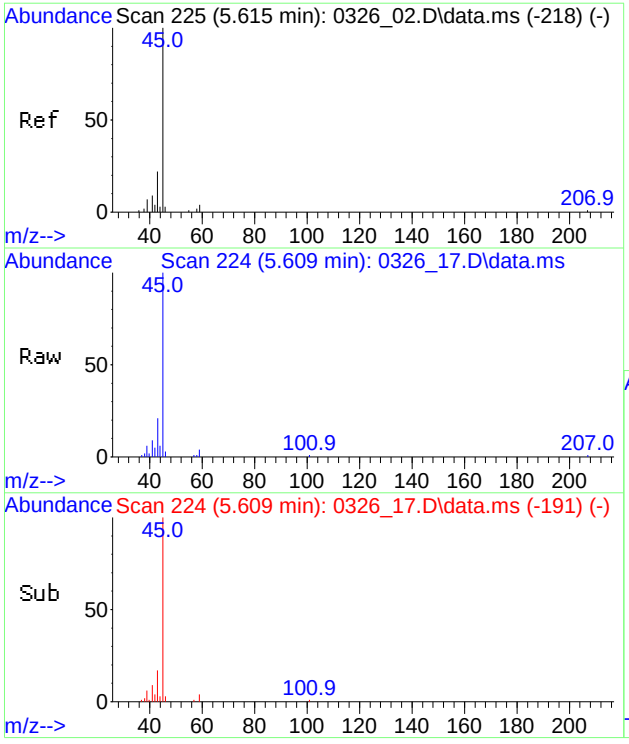


#13
Trichlorofluoromethane
Conc: 8$ 0.211 ppbv
RT: 5.584 min Scan# 220
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:101 Resp: 15427

Ion	Ratio	Lower	Upper
101	100		
103	66.1	53.4	80.2
66	12.4	9.3	13.9

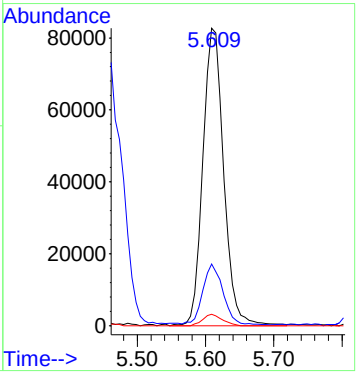


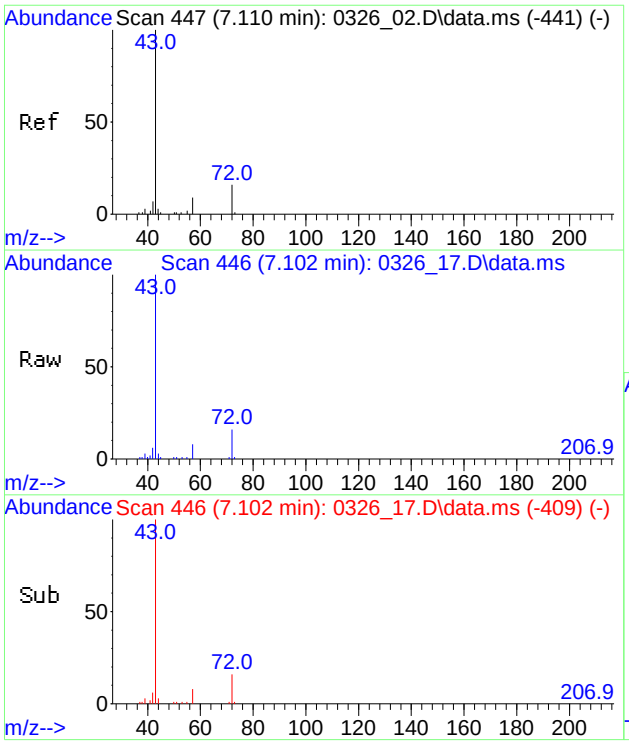


#14
Isopropylalcohol
Conc: 8$ 3.340 ppbv
RT: 5.609 min Scan# 224
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 45 Resp: 188160

Ion	Ratio	Lower	Upper
45	100		
43	18.3	13.3	19.9
59	3.4	2.6	4.0

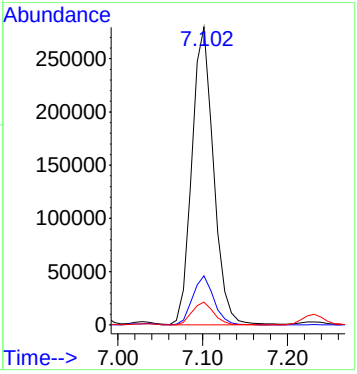


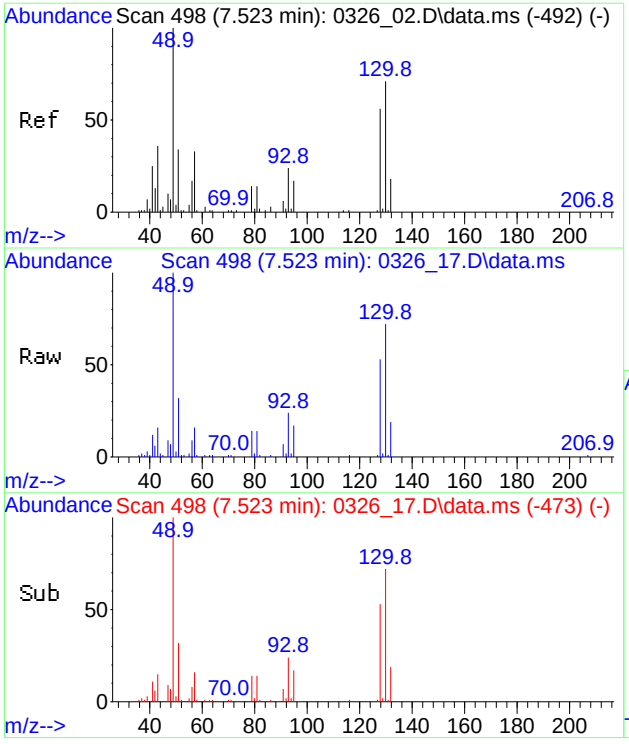


#25
Methyl Ethyl Ketone
Conc: 8$ 8.278 ppbv
RT: 7.102 min Scan# 446
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 43 Resp: 496414

Ion	Ratio	Lower	Upper
43	100		
72	16.1	13.1	19.7
57	7.6	6.6	9.8

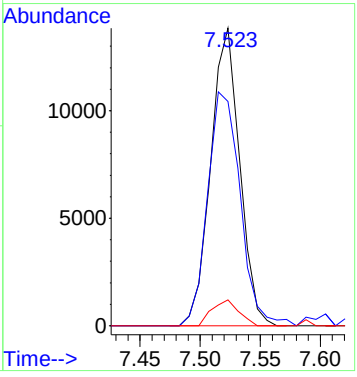


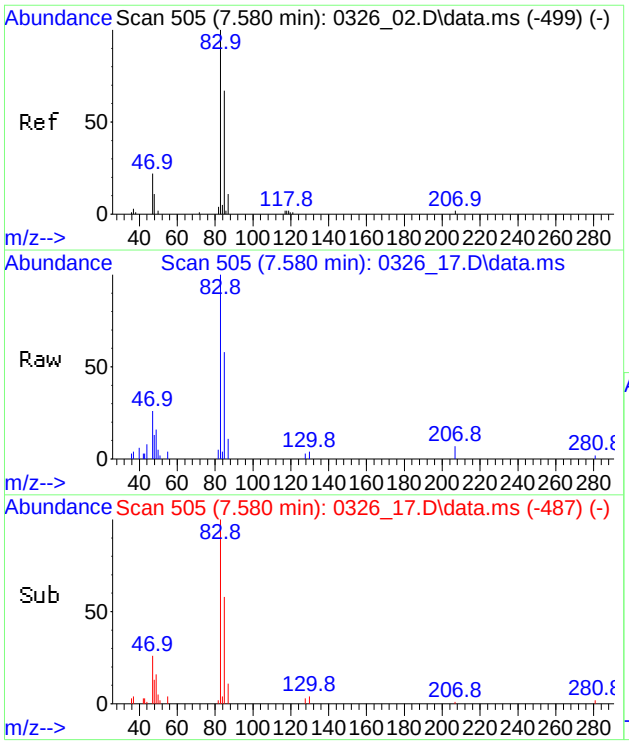


#27
Hexane
Conc: 8$ 0.557 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 57 Resp: 23335

Ion	Ratio	Lower	Upper
57	100		
41	88.3	63.4	95.2
86	8.0	5.8	8.6

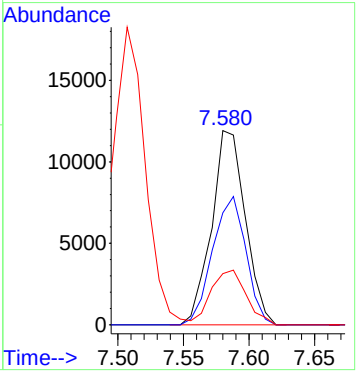


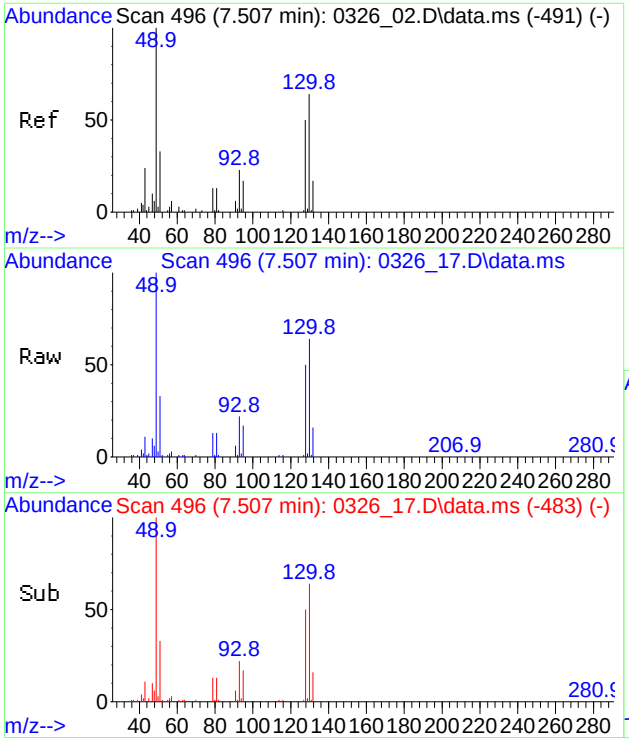


#28
Chloroform
Conc: 8$ 0.394 ppbv
RT: 7.580 min Scan# 505
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 83 Resp: 21400

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.4	84.4
47	29.2	7.4	47.4

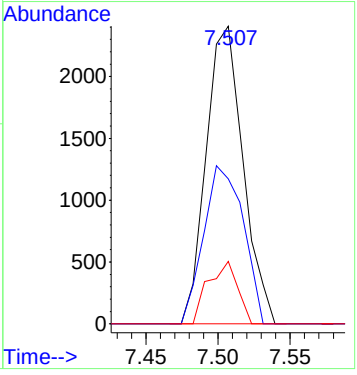


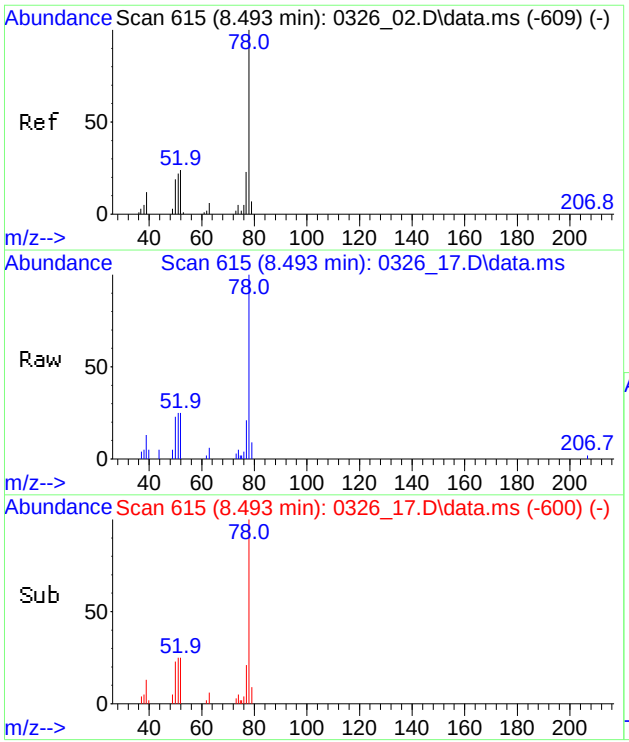


#29
Ethyl acetate
Conc: 8$ 0.442 ppbv
RT: 7.507 min Scan# 496
Delta R.T. 0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 61 Resp: 4281

Ion	Ratio	Lower	Upper
61	100		
70	56.7	42.9	64.3
88	16.6	10.0	15.0#

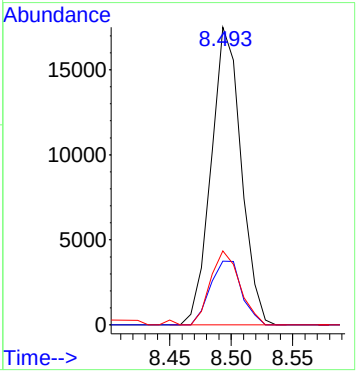


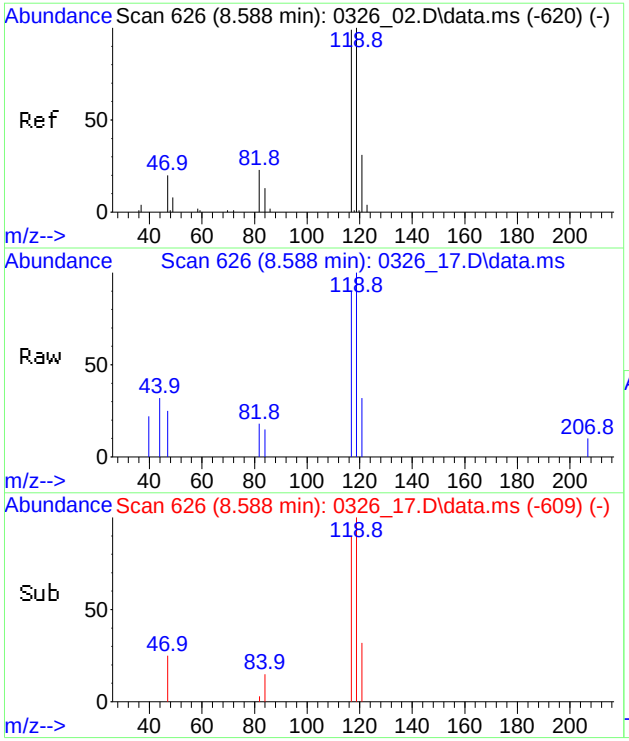


#33
Benzene
Conc: 8$ 0.413 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 78 Resp: 29784

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2
51	24.8	18.1	27.1

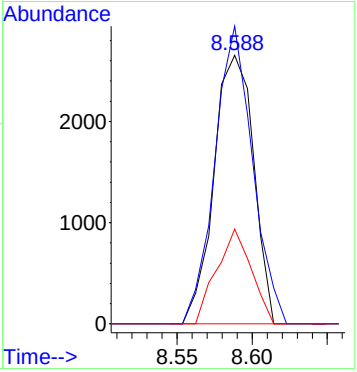


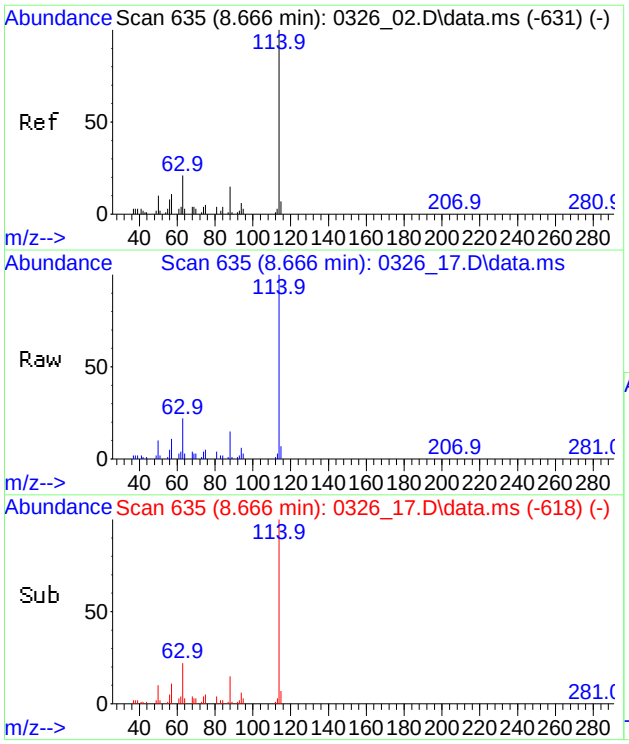


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:117 Resp: 4873

Ion	Ratio	Lower	Upper
117	100		
119	105.6	76.5	116.5
121	30.8	11.2	51.2

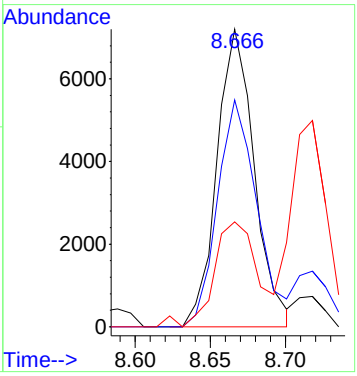


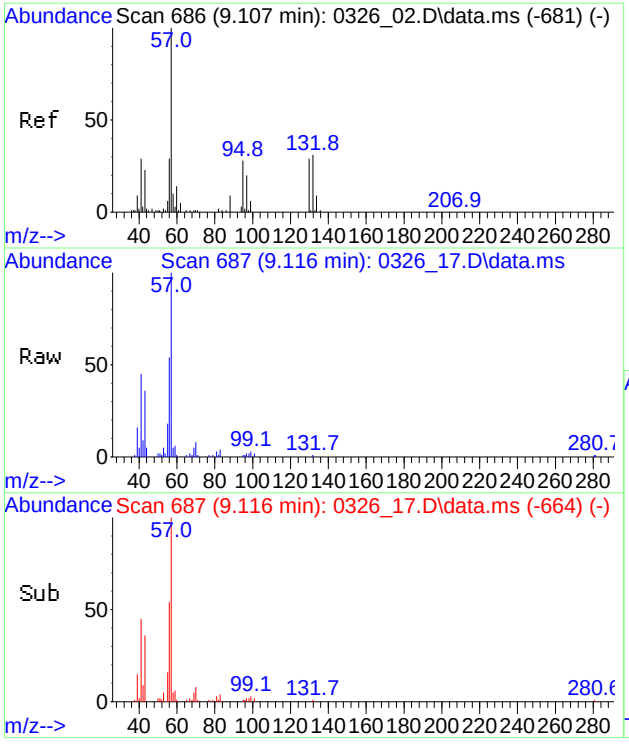


#35
Cyclohexane
Conc: 8$ 0.448 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 84 Resp: 12493

Ion	Ratio	Lower	Upper
84	100		
55	81.0	63.1	94.7
42	41.4	33.3	49.9

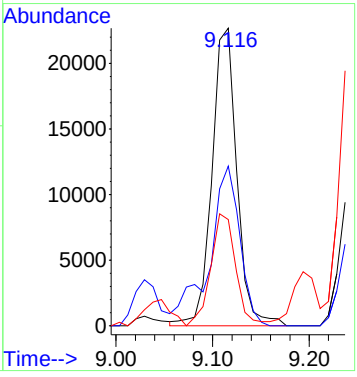


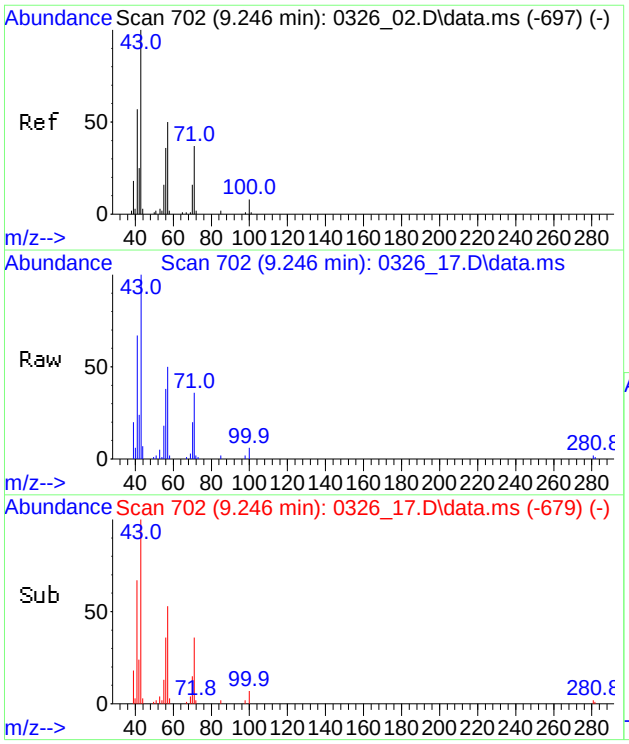


#40
2,2,4-trimethylpentane
Conc: 8$ 0.299 ppbv
RT: 9.116 min Scan# 687
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 57 Resp: 40488

Ion	Ratio	Lower	Upper
57	100		
56	66.1	22.9	34.3#
43	37.5	17.0	25.4#

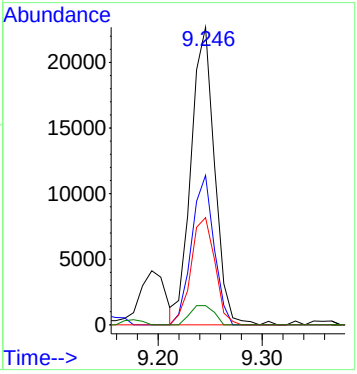


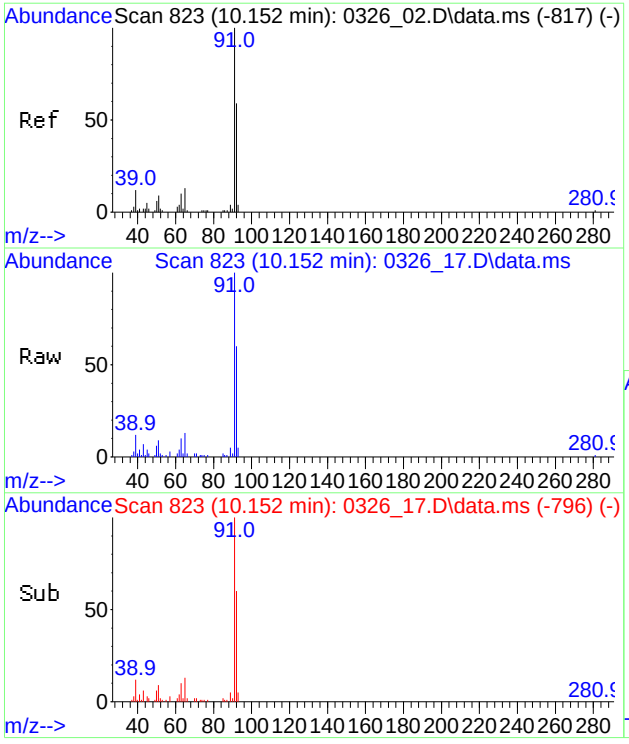


#43
Heptane
Conc: 8$ 0.658 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 43 Resp: 35842

Ion	Ratio	Lower	Upper
43	100		
57	47.5	42.4	63.6
71	36.4	29.4	44.0
100	6.6	6.5	9.7

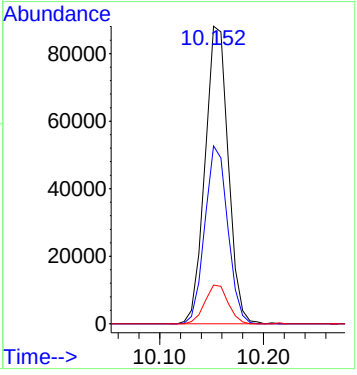


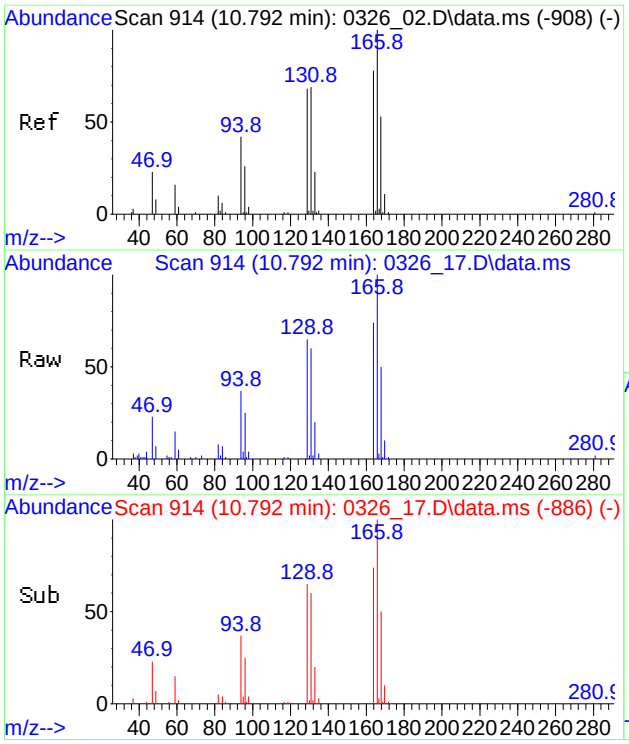


#48
Toluene
Conc: 8$ 1.599 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 91 Resp: 136679

Ion	Ratio	Lower	Upper
91	100		
92	58.9	45.0	67.4
65	13.0	9.4	14.2

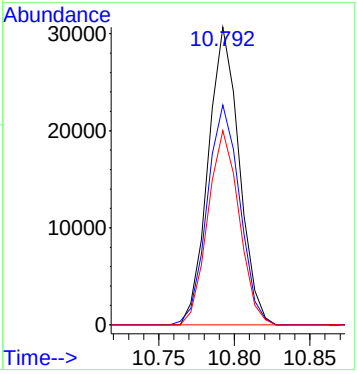


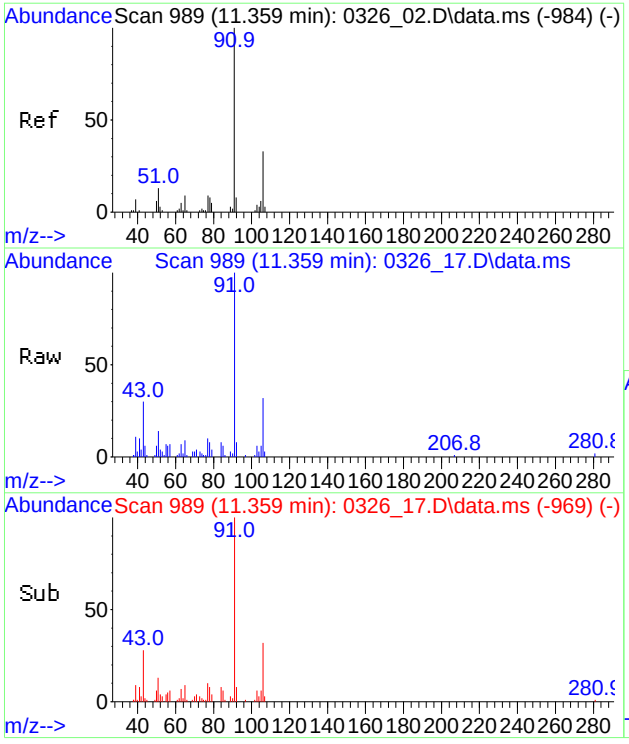


#52
Tetrachloroethene
Conc: 8$ 0.758 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:166 Resp: 43764

Ion	Ratio	Lower	Upper
166	100		
164	77.4	64.7	97.1
129	65.8	62.2	93.2

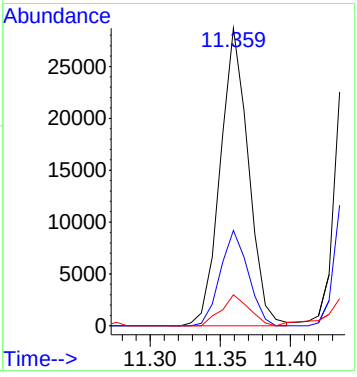


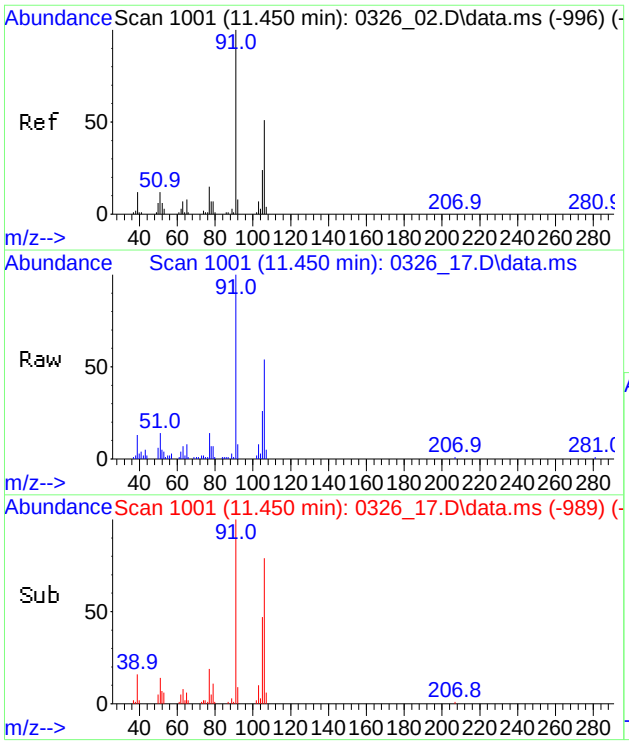


#56
Ethylbenzene
Conc: 8$ 0.380 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 91 Resp: 40032

Ion	Ratio	Lower	Upper
91	100		
106	31.7	13.5	53.5
77	10.3	0.0	28.3

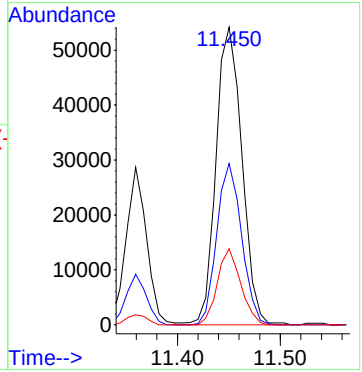


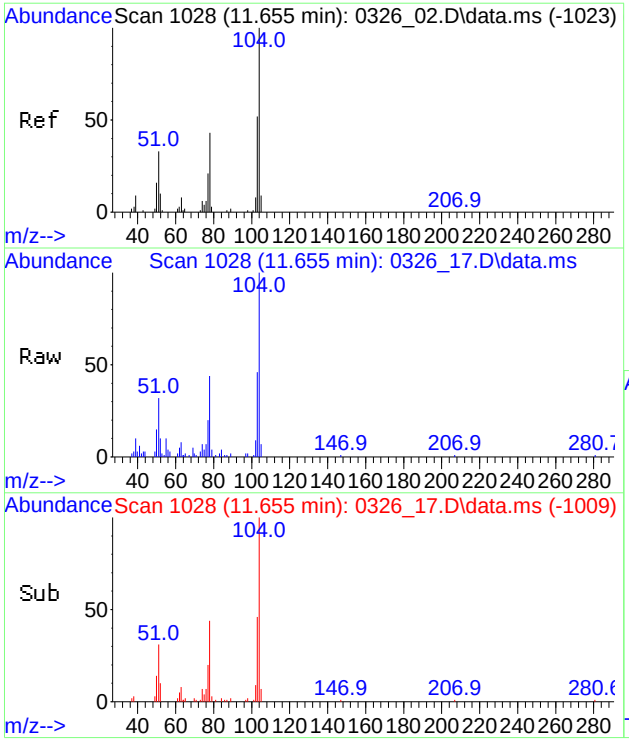


#57
m,p-Xylene
Conc: 8$ 1.188 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 91 Resp: 95268

Ion	Ratio	Lower	Upper
91	100		
106	51.8	41.1	61.7
105	23.0	19.5	29.3

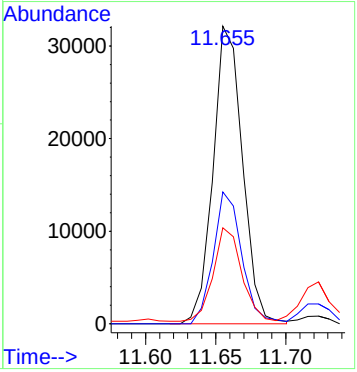


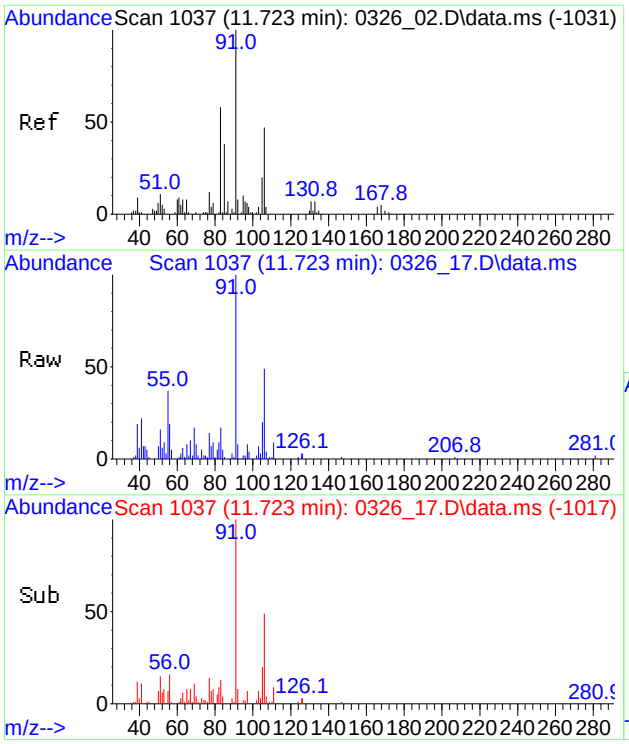


#59
Styrene
Conc: 8$ 0.794 ppbv
RT: 11.655 min Scan# 1028
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:104 Resp: 47044

Ion	Ratio	Lower	Upper
104	100		
78	42.9	32.3	48.5
51	30.2	23.4	35.0

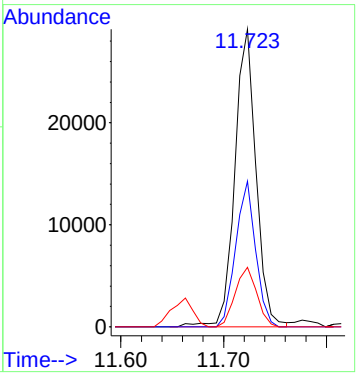


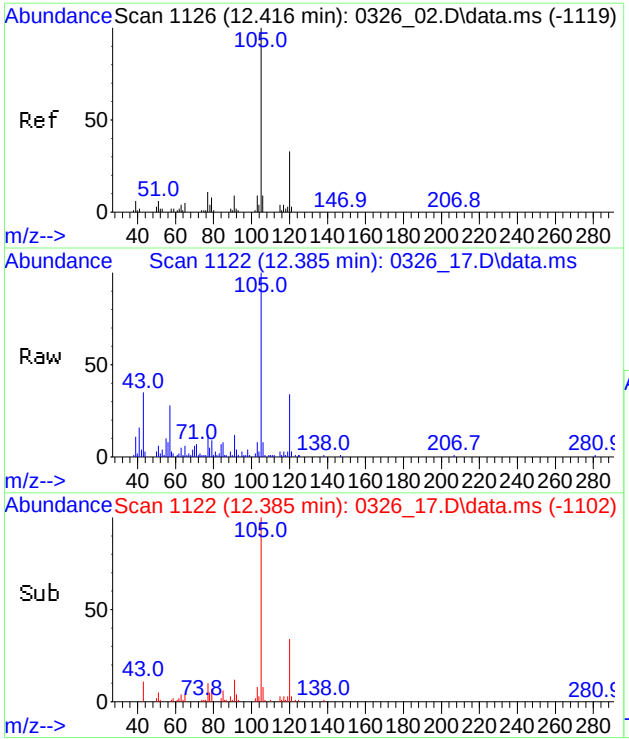


#61
o-Xylene
Conc: 8$ 0.494 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 91 Resp: 41786

Ion	Ratio	Lower	Upper
91	100		
106	45.9	39.6	59.4
105	20.4	16.7	25.1

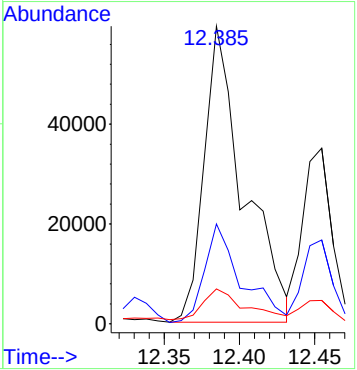


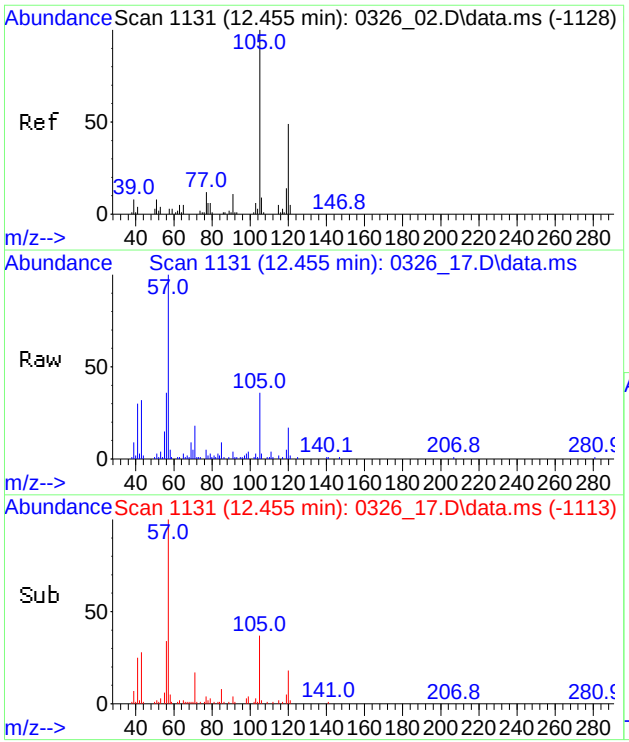


#65
4-Ethyltoluene
Conc: 8$ 0.948 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:105 Resp: 108838

Ion	Ratio	Lower	Upper
105	100		
120	32.2	23.4	35.2
77	10.6	8.2	12.4

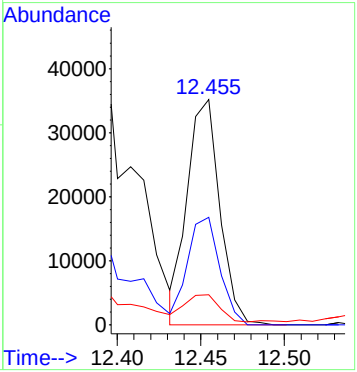


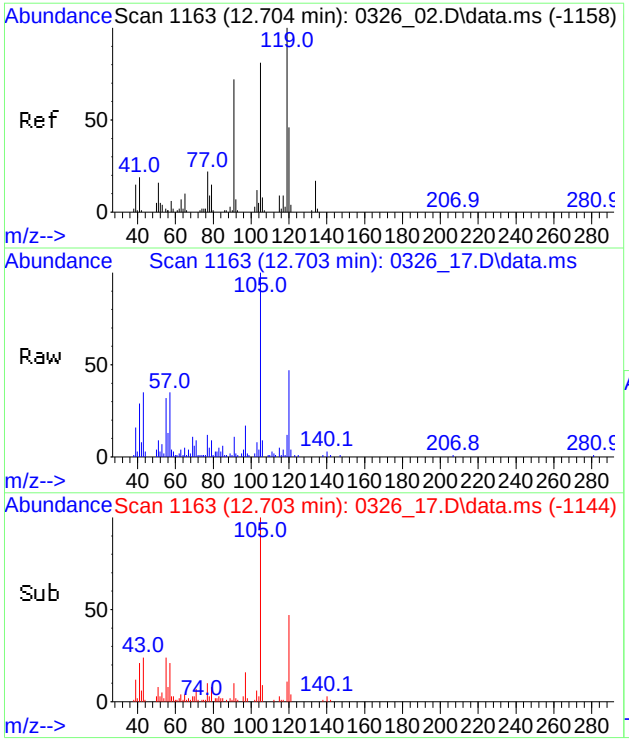


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.471 ppbv
RT: 12.455 min Scan# 1131
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:105 Resp: 47569

Ion	Ratio	Lower	Upper
105	100		
120	47.5	42.6	63.8
77	12.9	8.8	13.2

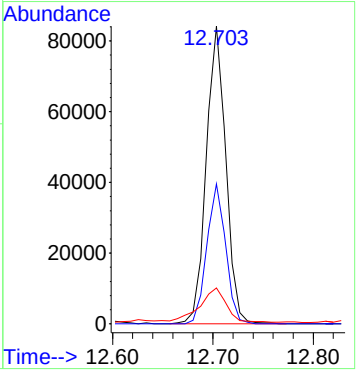


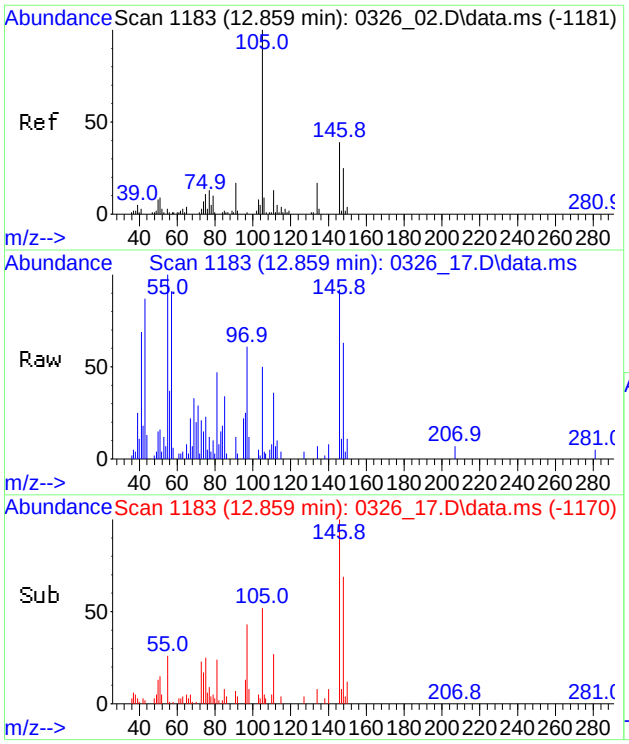


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.156 ppbv
RT: 12.703 min Scan# 1163
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:105 Resp: 114310

Ion	Ratio	Lower	Upper
105	100		
120	45.1	44.4	66.6
77	15.7	18.2	27.4#

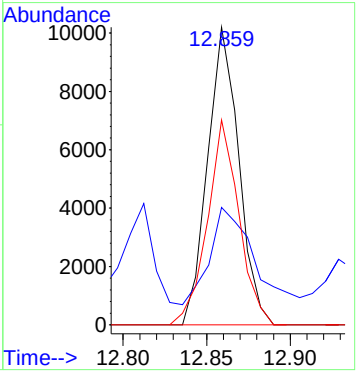


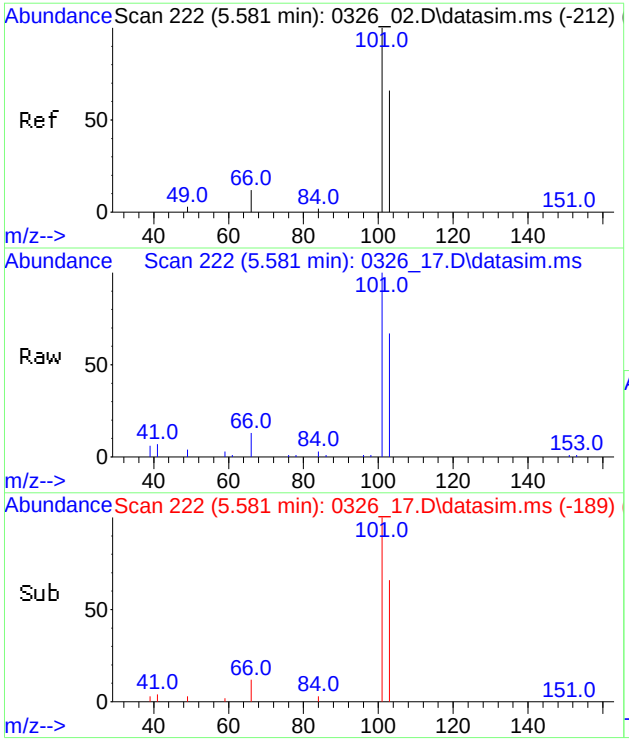


#70
1,4-Dichlorobenzene
Conc: 8$ 0.227 ppbv
RT: 12.859 min Scan# 1183
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:146 Resp: 13261

Ion	Ratio	Lower	Upper
146	100		
111	44.4	29.7	44.5
148	69.4	51.3	76.9

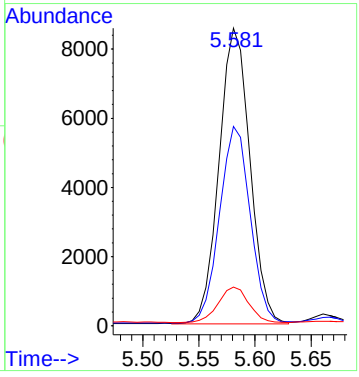


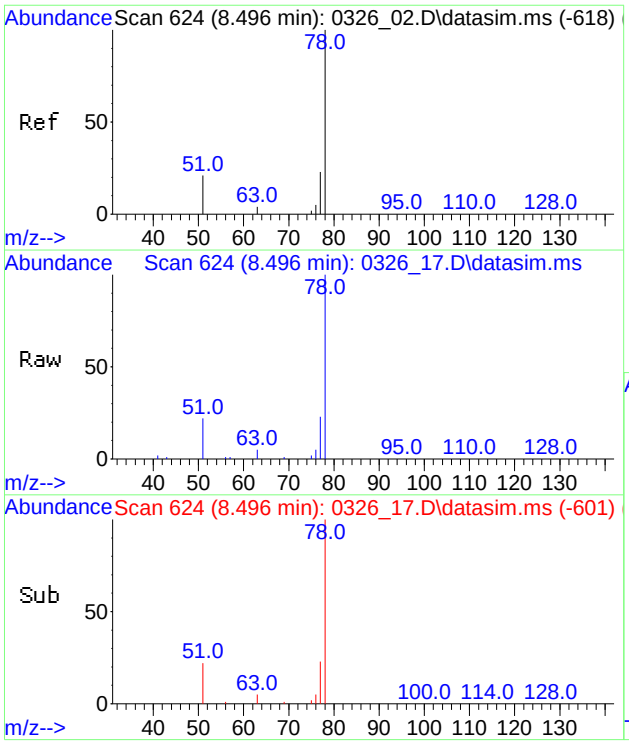


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.212 ppbv
RT: 5.581 min Scan# 222
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:101 Resp: 16362

Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.4	78.6
66	11.9	11.4	11.4#

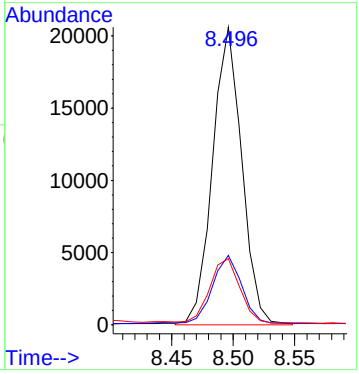


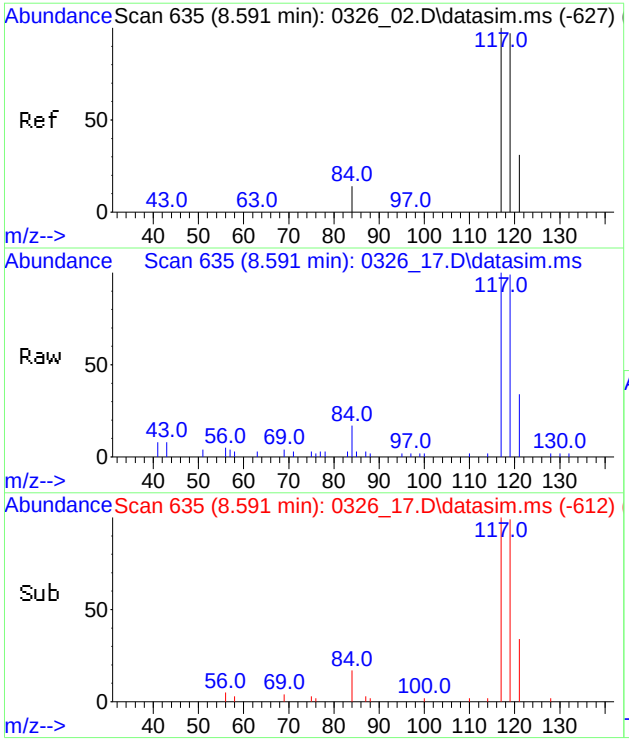


#85
Benzene(sim)
Conc: 8$ 0.395 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 78 Resp: 29784

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2
51	24.8	18.1	27.1

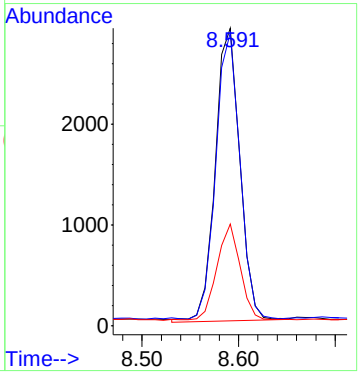


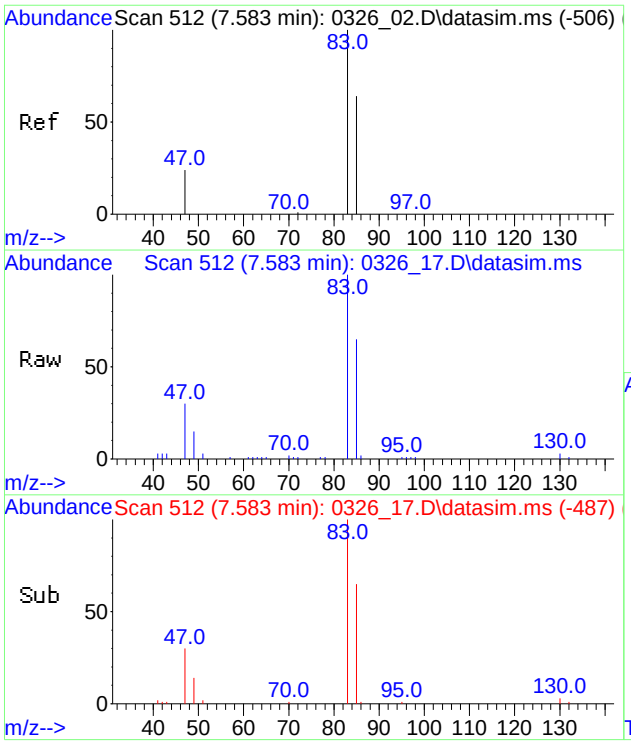


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.076 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:117 Resp: 5103

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.2
121	30.9	24.9	37.3

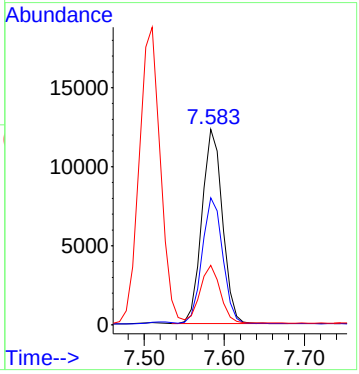


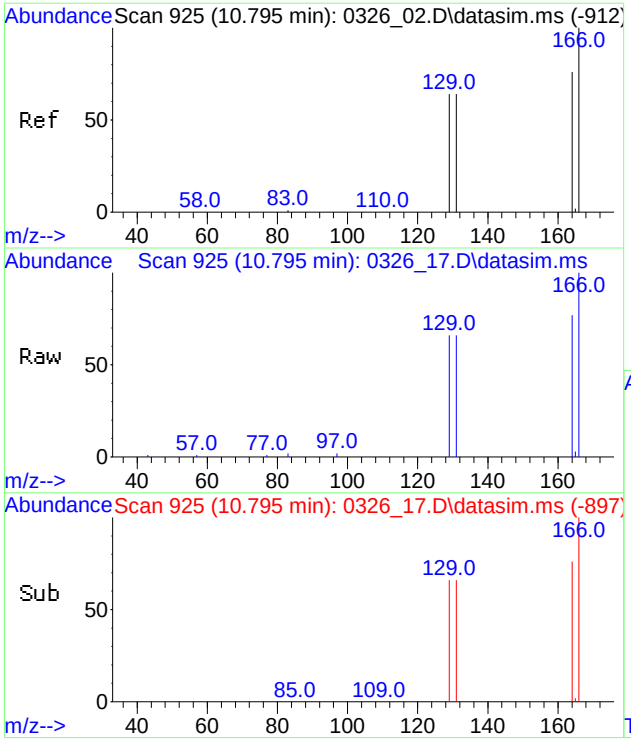


#92
Chloroform(sim)
Conc: 8$ 0.367 ppbv
RT: 7.583 min Scan# 512
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 83 Resp: 21928

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4
47	29.4	23.0	34.4

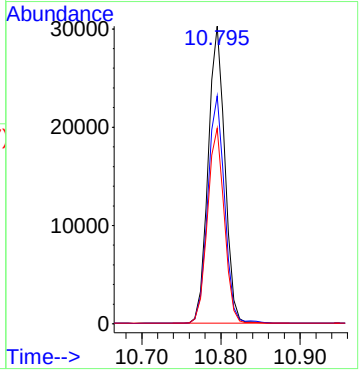


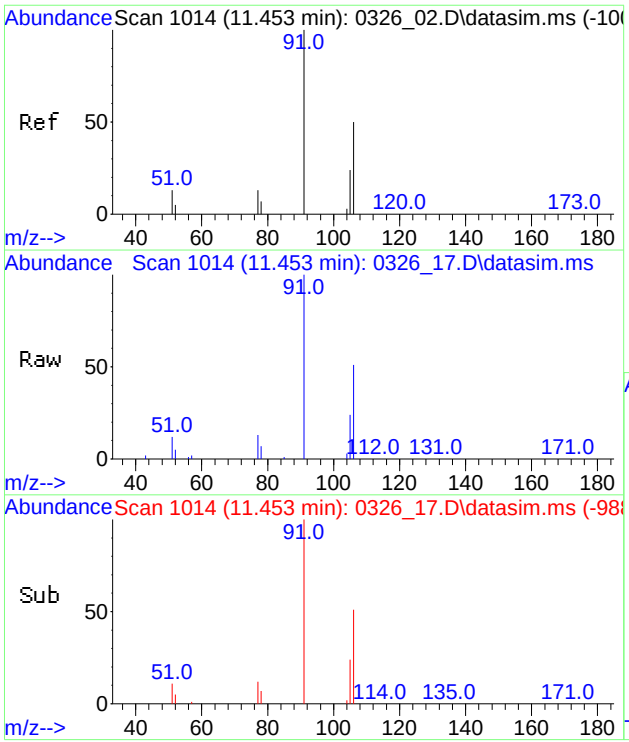


#102
Tetrachloroethene(sim)
Conc: 8$ 0.716 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:166 Resp: 44196

Ion	Ratio	Lower	Upper
166	100		
164	77.4	58.0	98.0
129	66.1	58.0	98.0

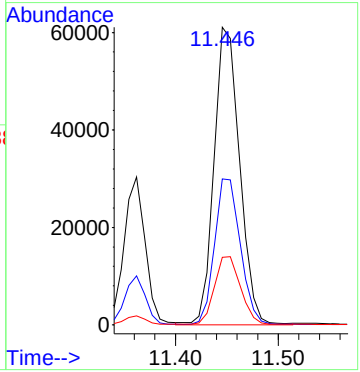


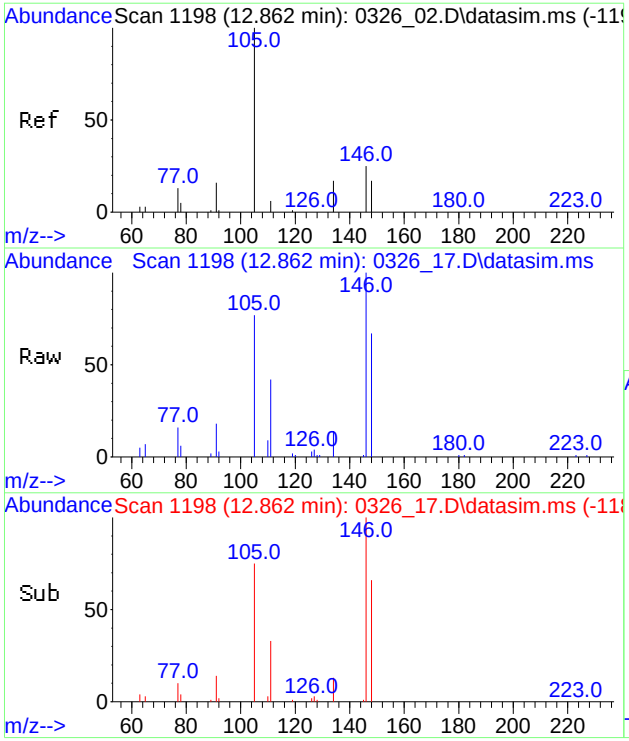


#105
m,p-Xylene(sim)
Conc: 8$ 1.152 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion: 91 Resp: 95268

Ion	Ratio	Lower	Upper
91	100		
106	51.8	46.3	56.5
105	23.0	19.5	29.3

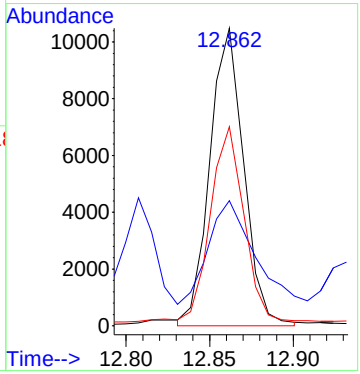




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.285 ppbv
RT: 12.859 min Scan# 1198
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 11:24 pm

Tgt Ion:146 Resp: 13261

Ion	Ratio	Lower	Upper
146	100		
111	44.4	17.1	57.1
148	69.4	44.1	84.1



AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-DUP

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91398

Canister: 28557 Lab File ID: 0326_19.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.453		0.202	0.202	r
74-87-3	Chloromethane	0.620		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	71.1	ES	0.531	0.531	r
67-64-1	Acetone	8.55	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.222		0.178	0.178	r
67-63-0	Isopropylalcohol	2.97	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	5.40		0.339	0.339	r
110-54-3	Hexane	0.349	S	0.284	0.284	r
67-66-3	Chloroform	0.329		0.205	0.205	r
141-78-6	Ethyl acetate	0.283		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.327		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.228		0.215	0.215	r
142-82-5	Heptane	0.328		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	1.04		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	1.19		0.037	0.037	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
100-41-4	Ethylbenzene	0.262		0.230	0.230	r
179601-23-1	m,p-Xylene	0.892		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.366		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.489		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	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: IA25-DUP

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91398

Canister: 28557 Lab File ID: 0326_19.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.516		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
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
56-23-5	Carbon Tetrachloride(sim)	0.070		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_19.D
Acq On : 27 Mar 2025 12:43 am
Operator : Keith
Client ID : IA25-DUP
Lab ID : CS91398
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 27 05:41:51 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

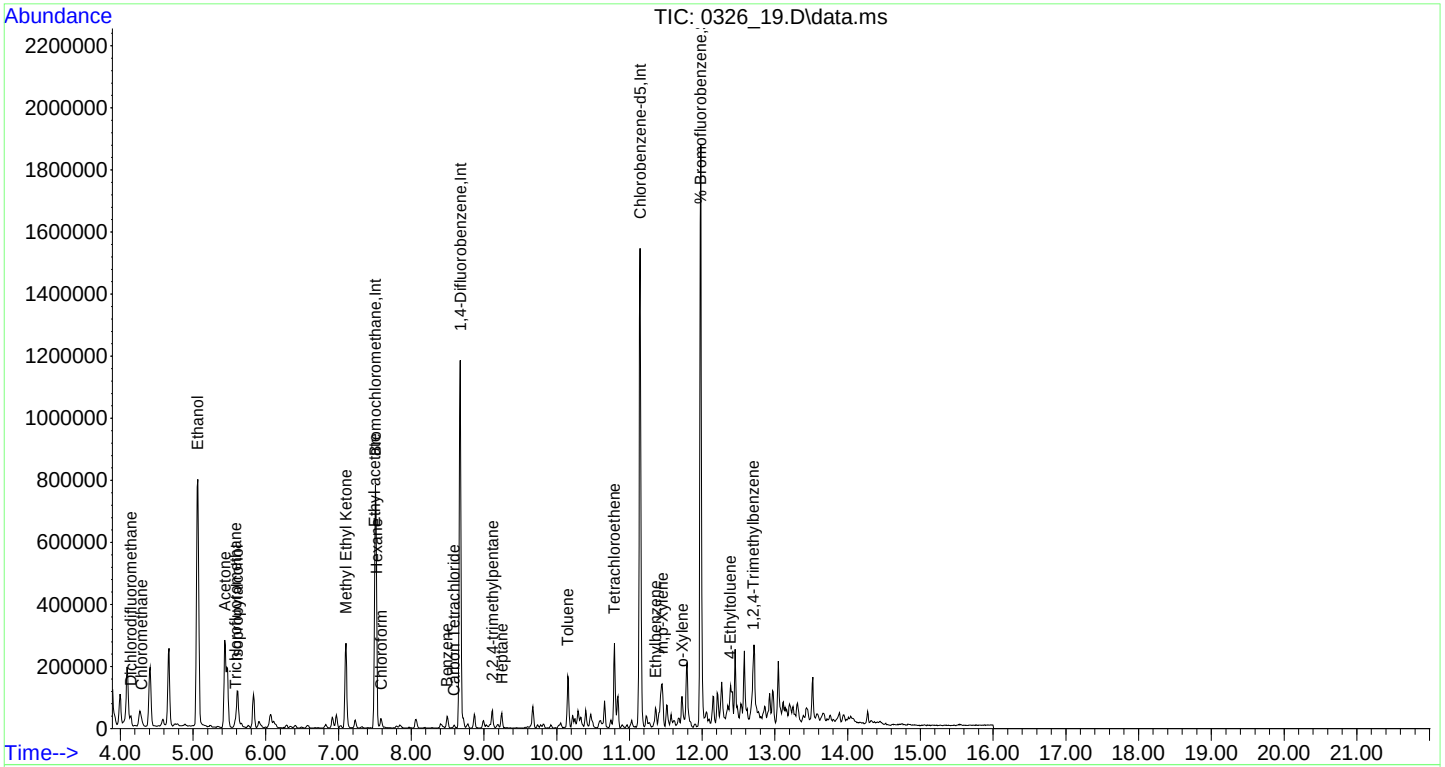
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	232524	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	810895	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	380653	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	235538	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	810895	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	380808	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	460266	10.098	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	33853	0.453	ppbv		100
4) Chloromethane	4.294	50	20842	0.620	ppbv		98
11) Ethanol	5.065	45	1050546	71.123	ppbv#		95
12) Acetone	5.437	43	408513	8.545	ppbv		90
13) Trichlorofluoromethane	5.584	101	16959	0.222	ppbv		100
14) Isopropylalcohol	5.609	45	175225	2.967	ppbv		94
25) Methyl Ethyl Ketone	7.102	43	339502	5.400	ppbv		99
27) Hexane	7.523	57	15346	0.349	ppbv		90
28) Chloroform	7.588	83	18725	0.329	ppbv		98
29) Ethyl acetate	7.499	61	2869	0.283	ppbv#		86
33) Benzene	8.493	78	24735	0.327	ppbv		96
34) Carbon Tetrachloride	8.588	117	4900	0.071	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	32930	0.228	ppbv#		63
43) Heptane	9.246	43	19028	0.328	ppbv#		92
48) Toluene	10.152	91	94356	1.035	ppbv		99
52) Tetrachloroethene	10.792	166	73090	1.188	ppbv		91
56) Ethylbenzene	11.359	91	28684	0.262	ppbv		95
57) m,p-Xylene	11.450	91	74461	0.892	ppbv		98
61) o-Xylene	11.723	91	32215	0.366	ppbv		95
65) 4-Ethyltoluene	12.385	105	58386	0.489	ppbv		92
67) 1,2,4-Trimethylbenzene	12.704	105	53062	0.516	ppbv		91
82] Trichlorofluoromethane...	5.581	101	17390	0.212	ppbv#		99
85] Benzene(sim)	8.493	78	24735	0.310	ppbv		96
86] Carbon Tetrachloride(sim)	8.591	117	5002	0.070	ppbv		99
92] Chloroform(sim)	7.583	83	19530	0.308	ppbv		100
102] Tetrachloroethene(sim)	10.795	166	73118	1.111	ppbv		93
105] m,p-Xylene(sim)	11.450	91	74461	0.866	ppbv		98

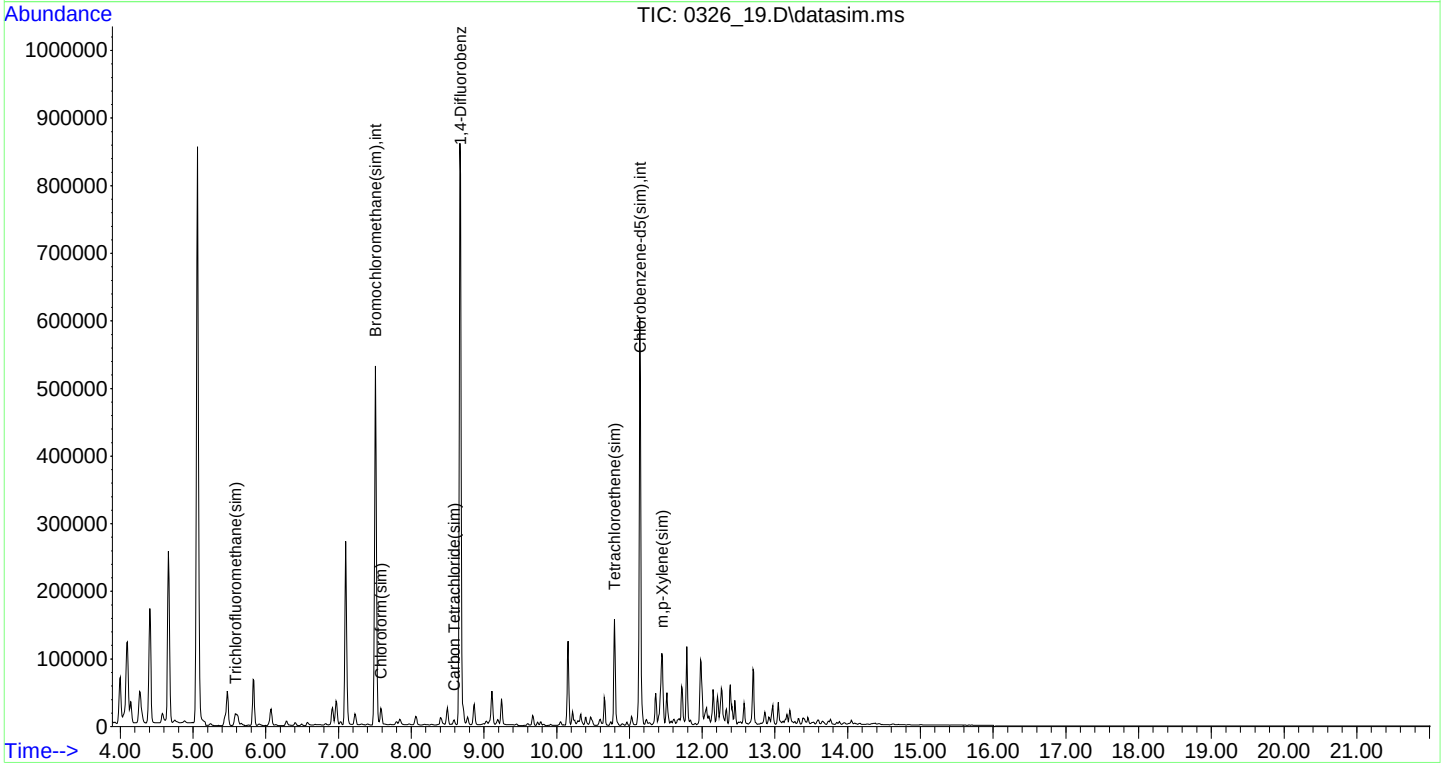
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

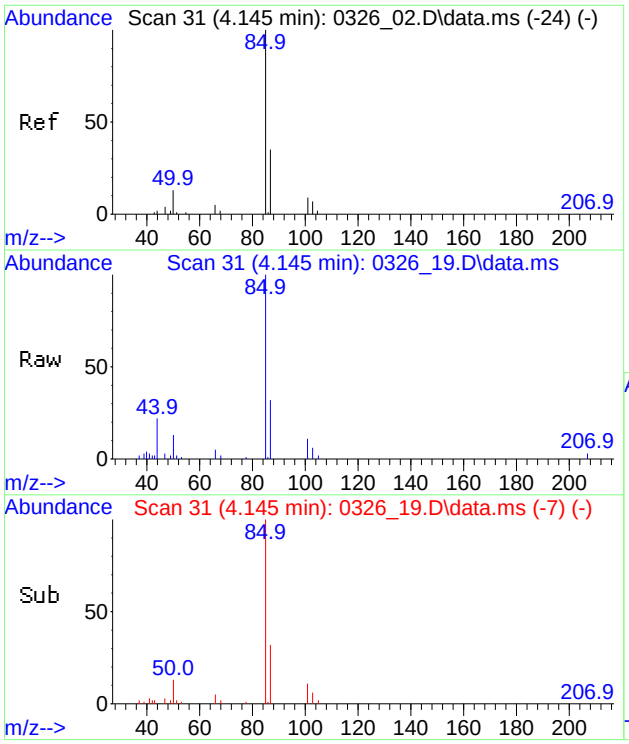
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_19.D
Acq On : 27 Mar 2025 12:43 am
Operator : Keith
Client ID : IA25-DUP
Lab ID : CS91398
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 27 05:41:51 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



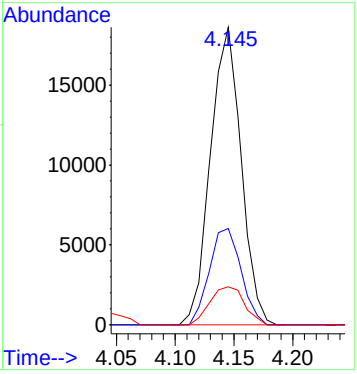


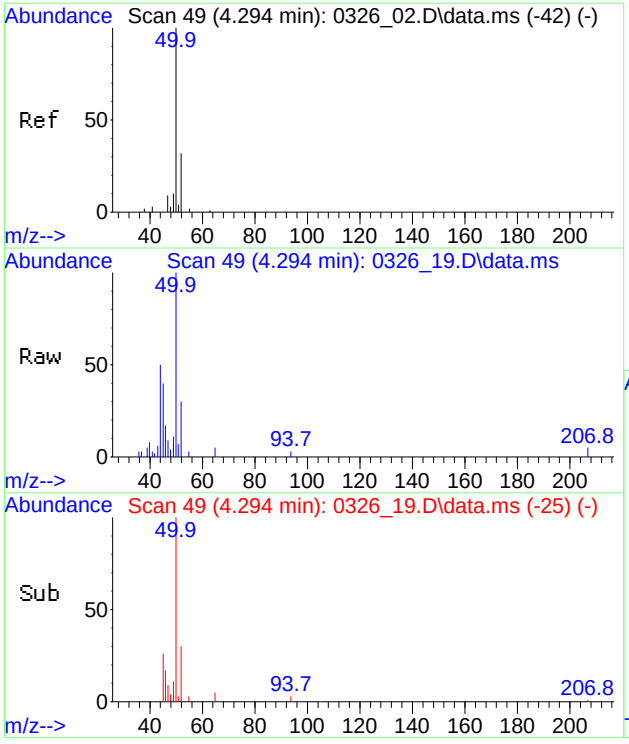


#3
Dichlorodifluoromethane
Conc: 8$ 0.453 ppbv
RT: 4.145 min Scan# 31
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 85 Resp: 33853

Ion	Ratio	Lower	Upper
85	100		
87	33.5	26.9	40.3
50	14.5	12.0	18.0

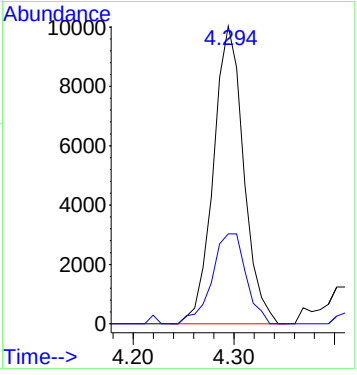


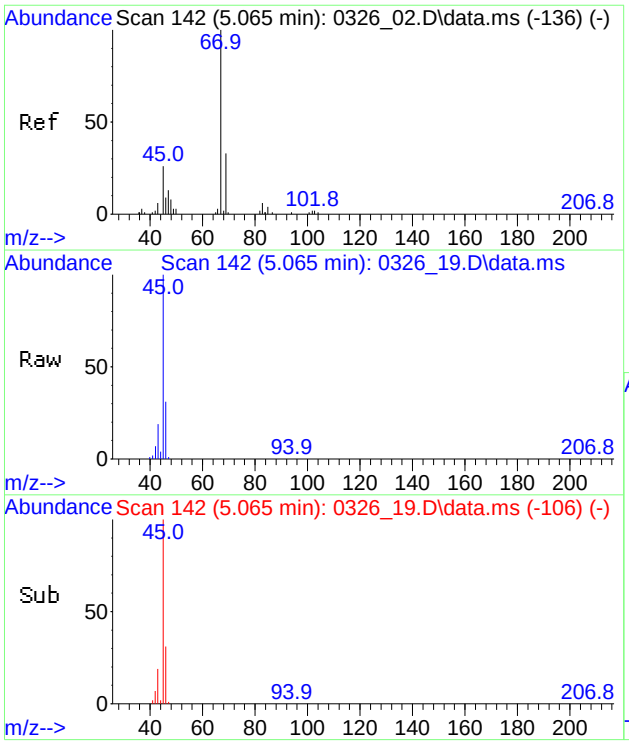


#4
Chloromethane
Conc: 8$ 0.620 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 50 Resp: 20842

Ion	Ratio	Lower	Upper
50	100		
52	34.1	12.8	52.8

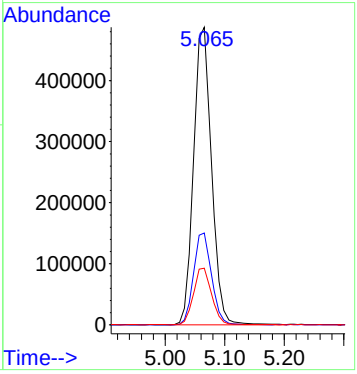


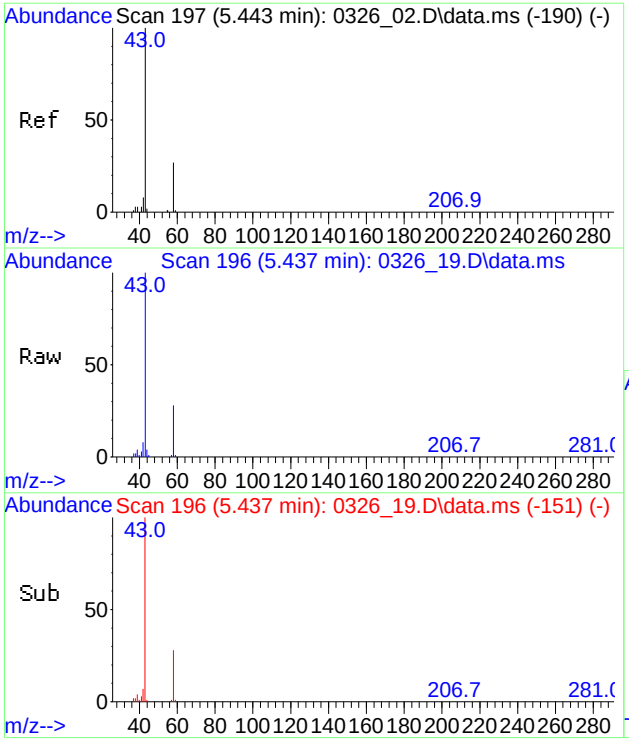


#11
Ethanol
Conc: 8$ 71.123 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 45 Resp: 1050546

Ion	Ratio	Lower	Upper
45	100		
46	31.1	25.0	37.6
43	19.8	20.0	30.0#

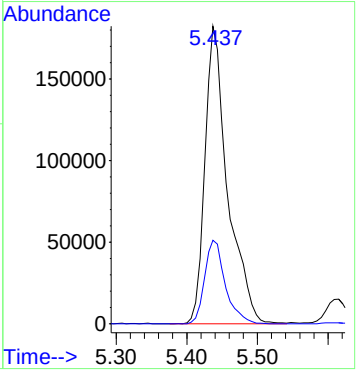


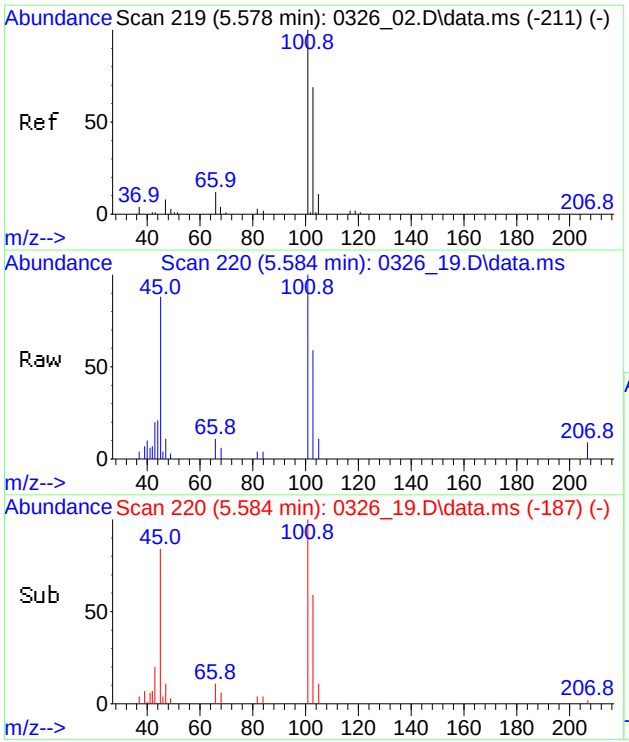


#12
Acetone
Conc: 8$ 8.545 ppbv
RT: 5.437 min Scan# 196
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 43 Resp: 408513

Ion	Ratio	Lower	Upper
43	100		
58	25.6	24.6	37.0

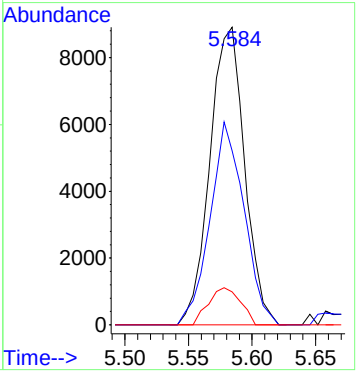


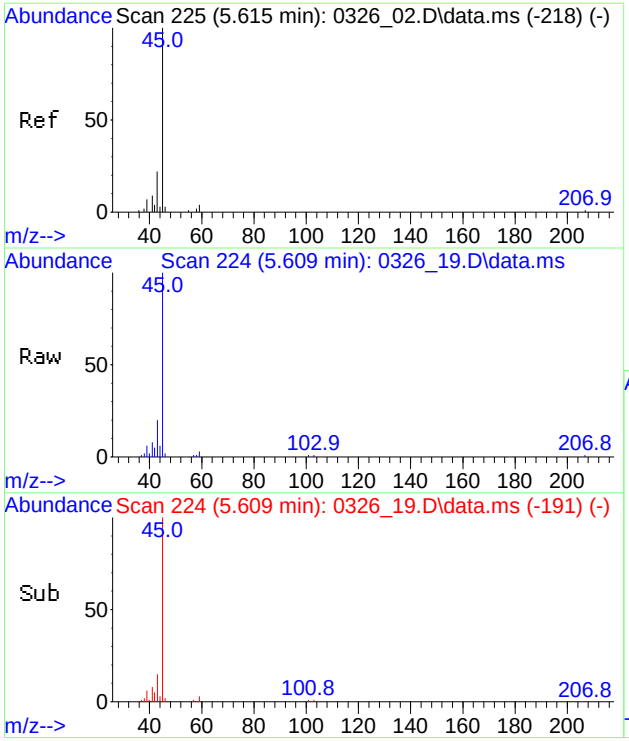


#13
Trichlorofluoromethane
Conc: 8$ 0.222 ppbv
RT: 5.584 min Scan# 220
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:101 Resp: 16959

Ion	Ratio	Lower	Upper
101	100		
103	66.7	53.4	80.2
66	11.5	9.3	13.9

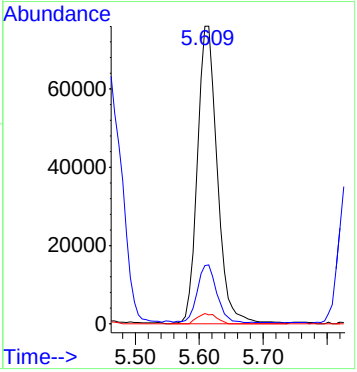


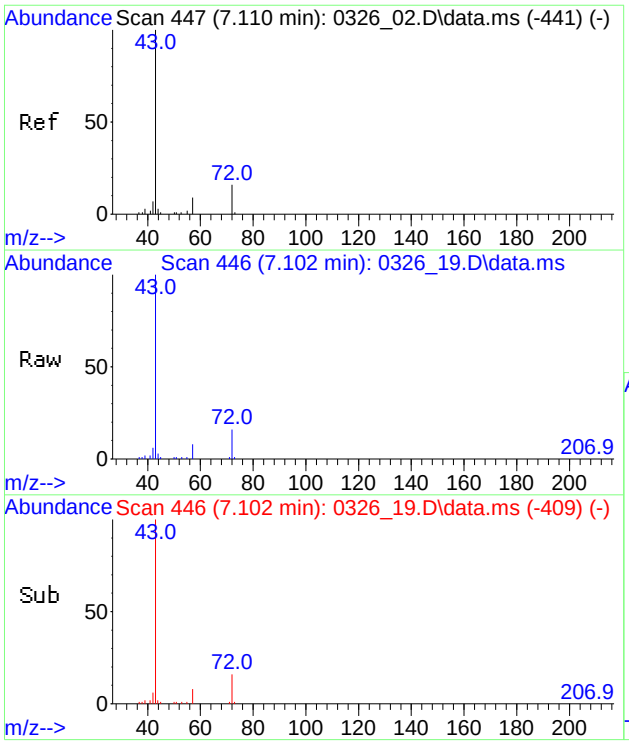


#14
Isopropylalcohol
Conc: 8$ 2.967 ppbv
RT: 5.609 min Scan# 224
Delta R.T. -0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 45 Resp: 175225

Ion	Ratio	Lower	Upper
45	100		
43	19.5	13.3	19.9
59	3.1	2.6	4.0

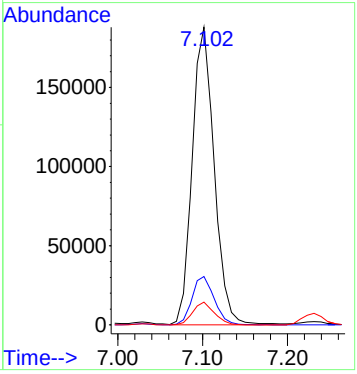


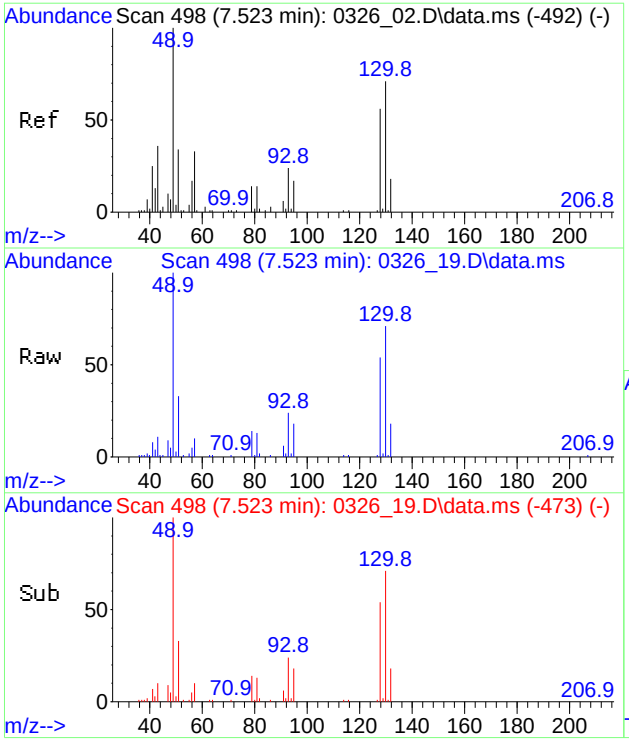


#25
Methyl Ethyl Ketone
Conc: 8$ 5.400 ppbv
RT: 7.102 min Scan# 446
Delta R.T. -0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 43 Resp: 339502

Ion	Ratio	Lower	Upper
43	100		
72	16.4	13.1	19.7
57	7.5	6.6	9.8

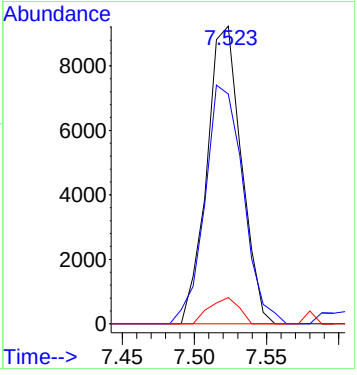


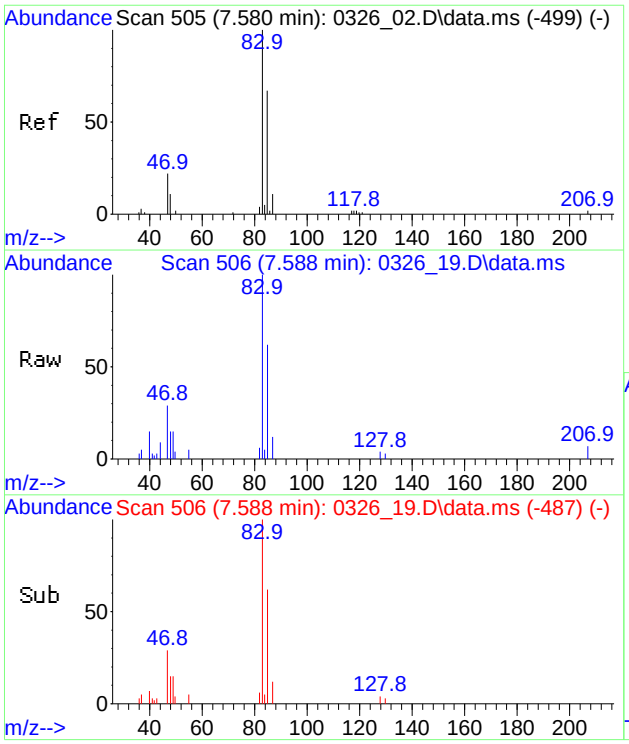


#27
Hexane
Conc: 8$ 0.349 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 57 Resp: 15346

Ion	Ratio	Lower	Upper
57	100		
41	88.9	63.4	95.2
86	7.6	5.8	8.6

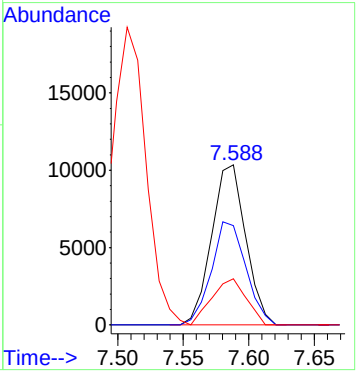


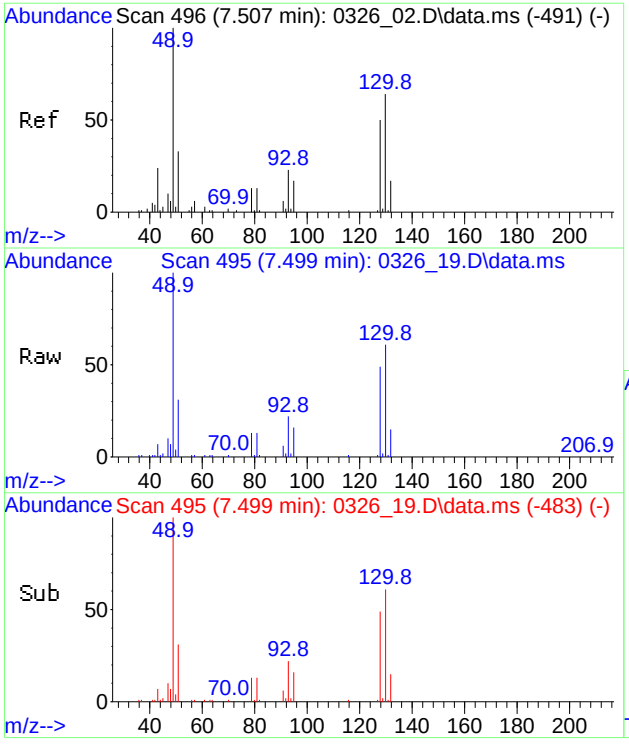


#28
Chloroform
Conc: 8$ 0.329 ppbv
RT: 7.588 min Scan# 506
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 83 Resp: 18725

Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.4	84.4
47	29.1	7.4	47.4

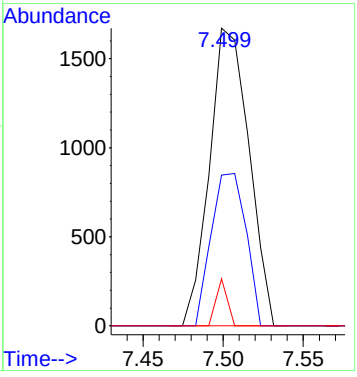


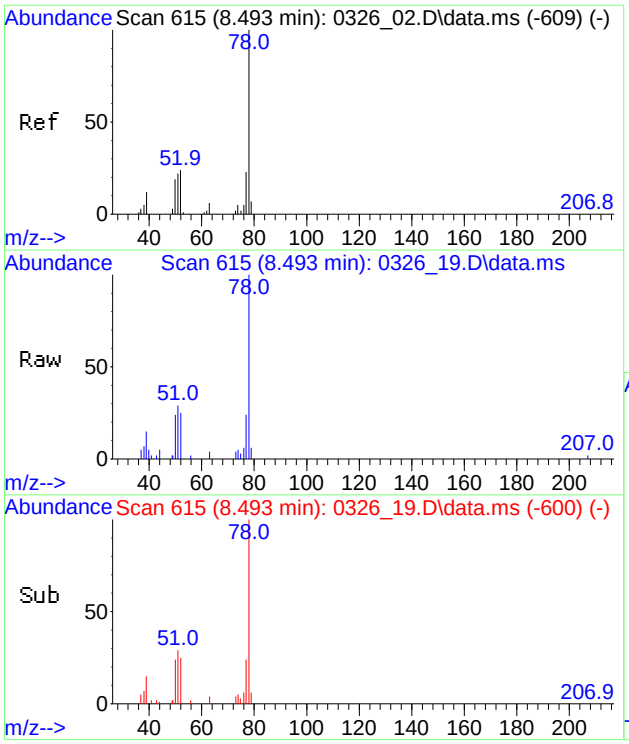


#29
Ethyl acetate
Conc: 8$ 0.283 ppbv
RT: 7.499 min Scan# 495
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 61 Resp: 2869

Ion	Ratio	Lower	Upper
61	100		
70	45.0	42.9	64.3
88	4.5	10.0	15.0#

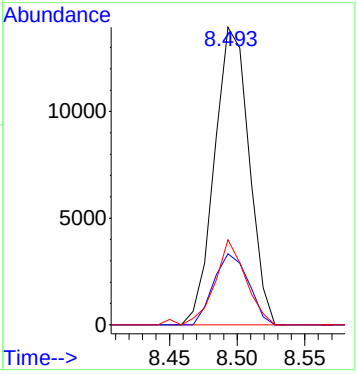


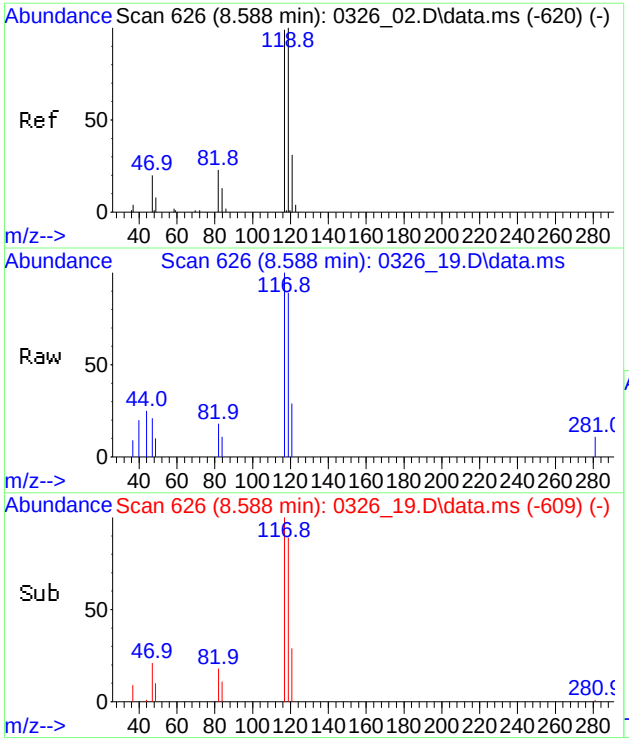


#33
Benzene
Conc: 8$ 0.327 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 78 Resp: 24735

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2
51	25.8	18.1	27.1

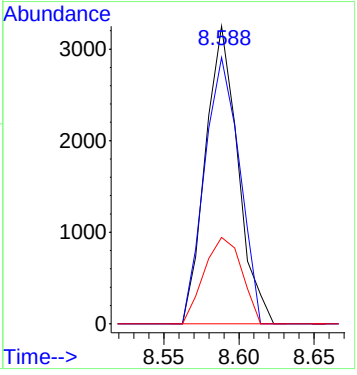


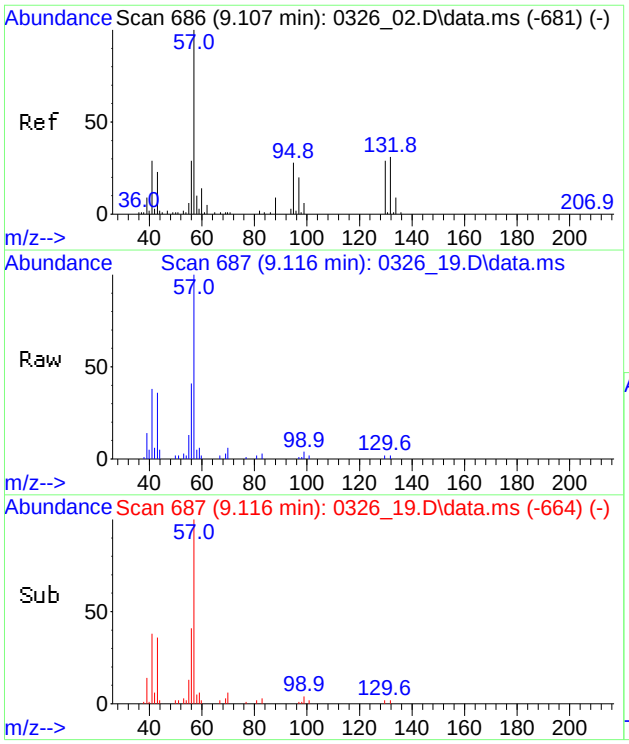


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:117 Resp: 4900

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	116.5
121	33.6	11.2	51.2

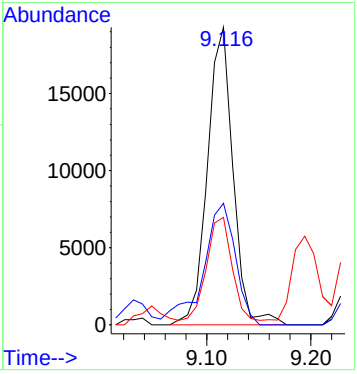


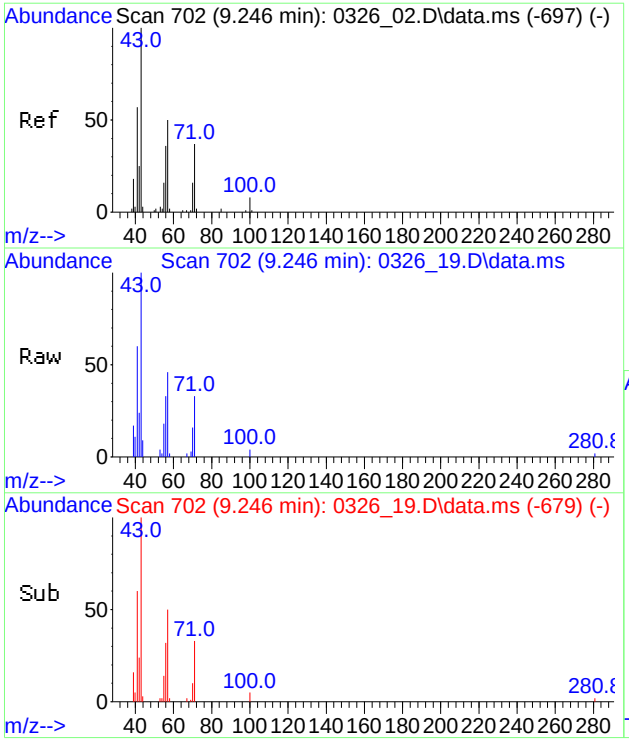


#40
2,2,4-trimethylpentane
Conc: 8$ 0.228 ppbv
RT: 9.116 min Scan# 687
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 57 Resp: 32930

Ion	Ratio	Lower	Upper
57	100		
56	51.3	22.9	34.3#
43	34.9	17.0	25.4#

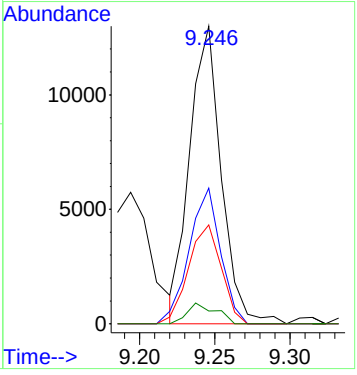


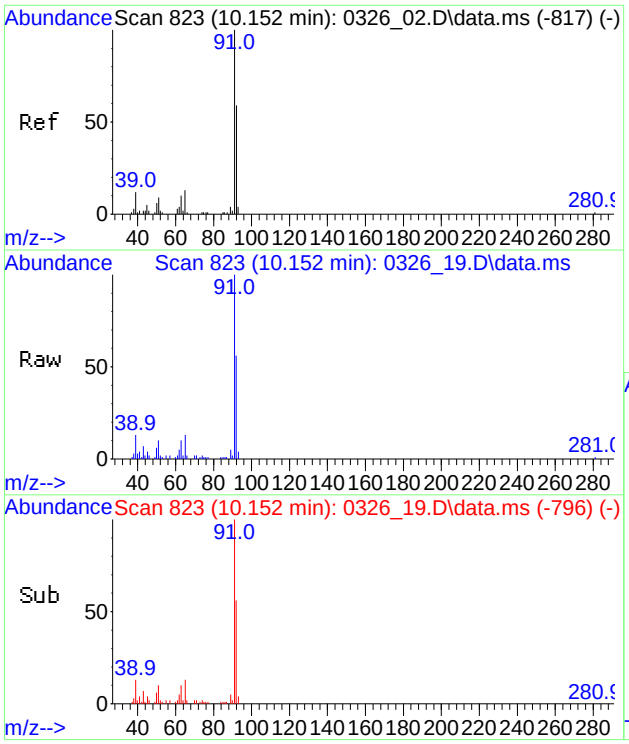


#43
Heptane
Conc: 8$ 0.328 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 43 Resp: 19028

Ion	Ratio	Lower	Upper
43	100		
57	45.2	42.4	63.6
71	34.5	29.4	44.0
100	6.3	6.5	9.7#

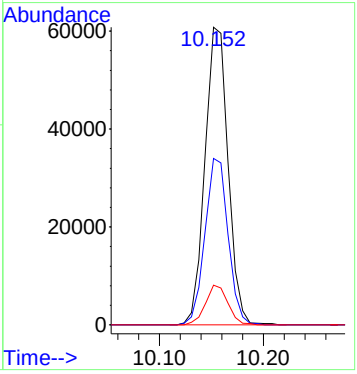


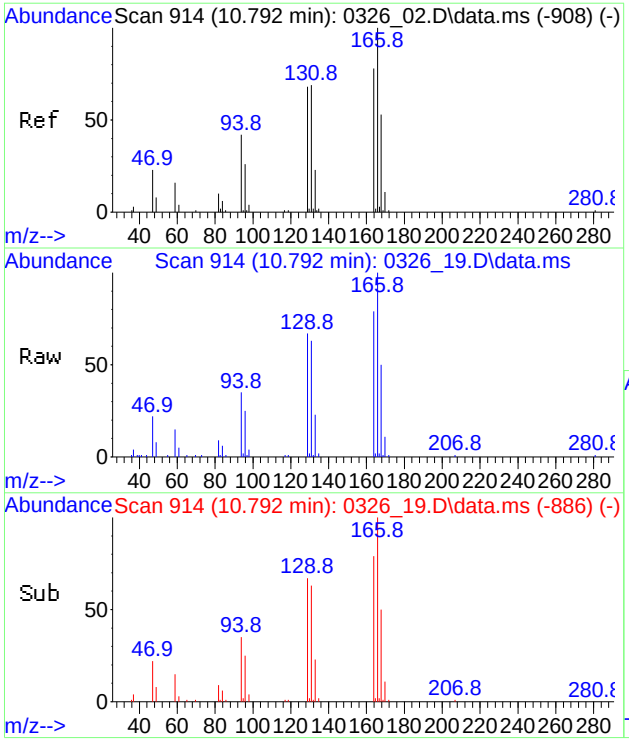


#48
Toluene
Conc: 8$ 1.035 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 91 Resp: 94356

Ion	Ratio	Lower	Upper
91	100		
92	55.9	45.0	67.4
65	13.0	9.4	14.2

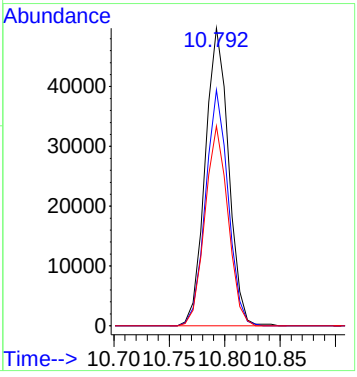


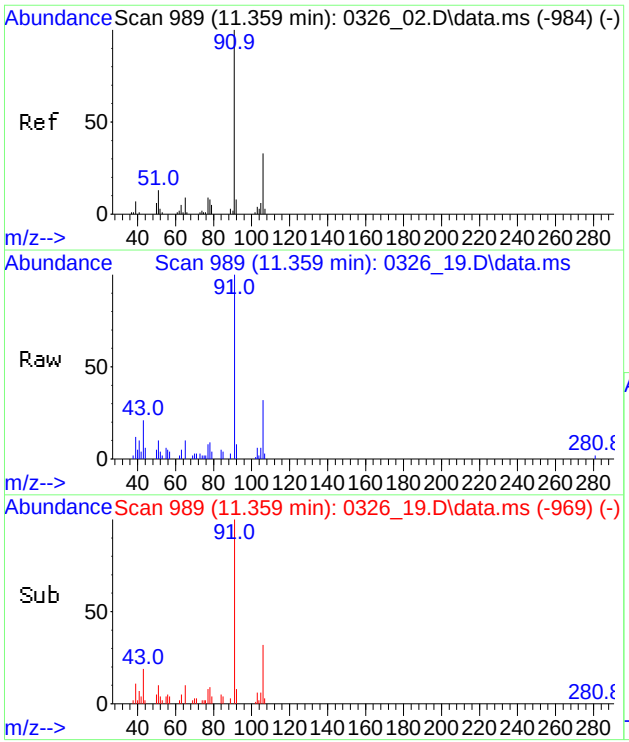


#52
Tetrachloroethene
Conc: 8$ 1.188 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:166 Resp: 73090

Ion	Ratio	Lower	Upper
166	100		
164	76.4	64.7	97.1
129	65.9	62.2	93.2

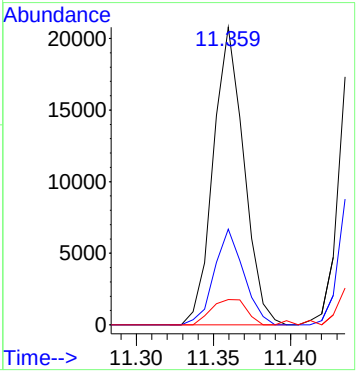


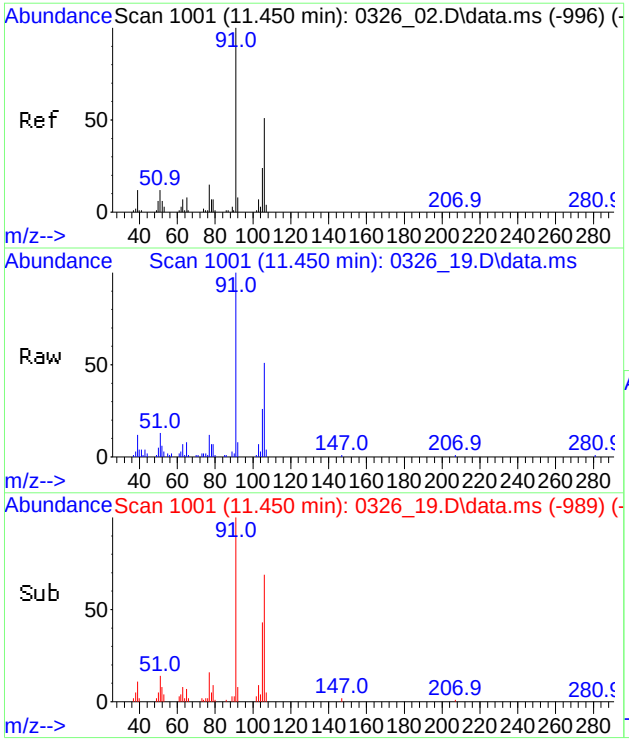


#56
Ethylbenzene
Conc: 8$ 0.262 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 91 Resp: 28684

Ion	Ratio	Lower	Upper
91	100		
106	30.9	13.5	53.5
77	9.9	0.0	28.3

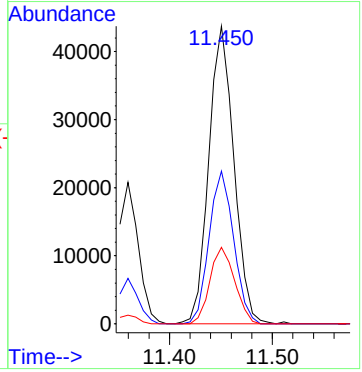


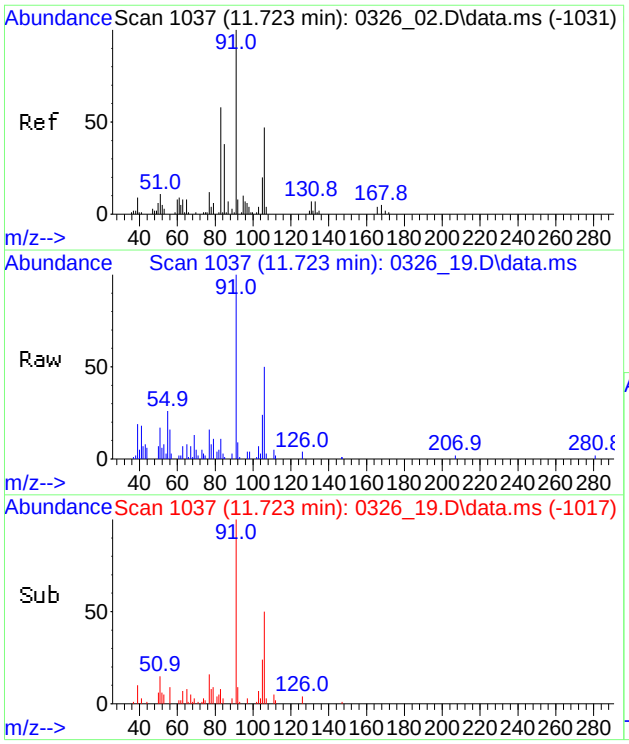


#57
m,p-Xylene
Conc: 8$ 0.892 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 91 Resp: 74461

Ion	Ratio	Lower	Upper
91	100		
106	50.1	41.1	61.7
105	25.3	19.5	29.3

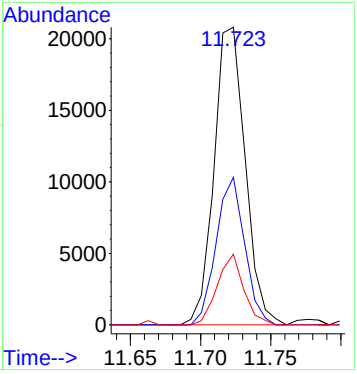


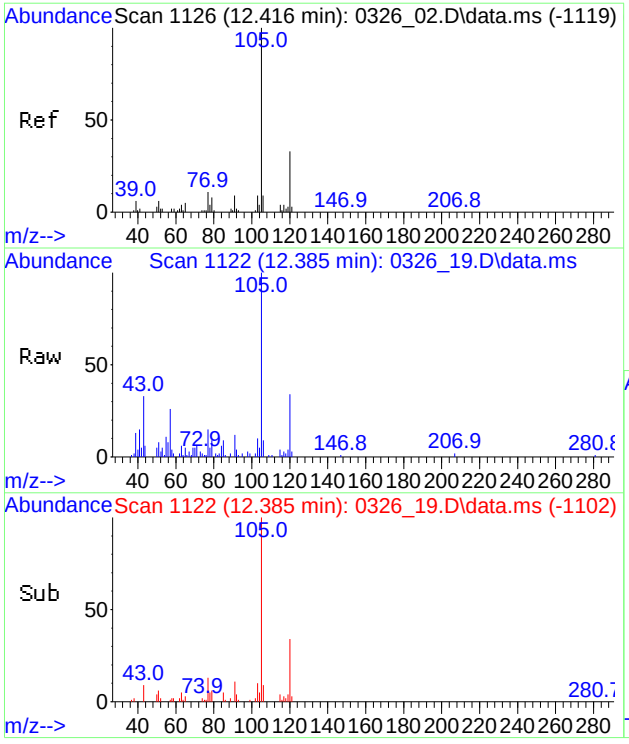


#61
o-Xylene
Conc: 8$ 0.366 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 91 Resp: 32215

Ion	Ratio	Lower	Upper
91	100		
106	45.3	39.6	59.4
105	20.2	16.7	25.1

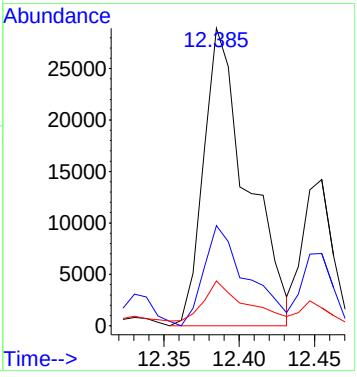


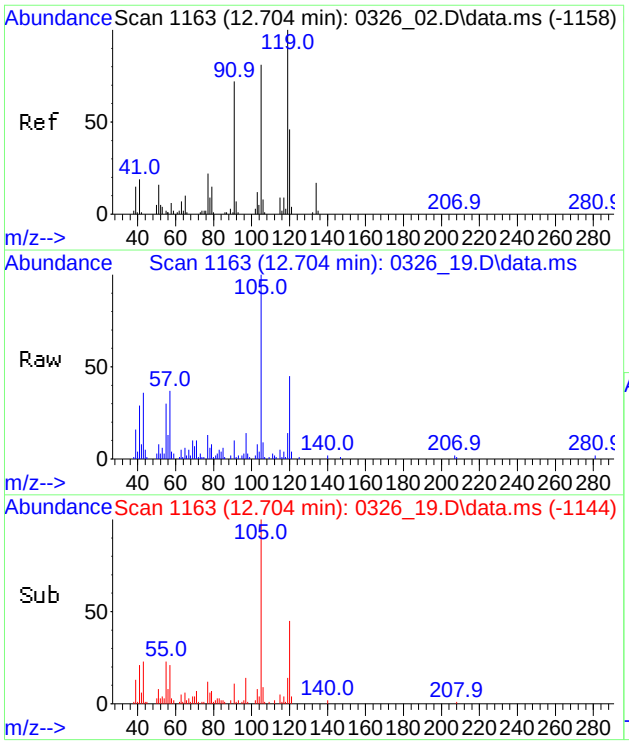


#65
4-Ethyltoluene
Conc: 8$ 0.489 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:105 Resp: 58386

Ion	Ratio	Lower	Upper
105	100		
120	33.8	23.4	35.2
77	12.2	8.2	12.4

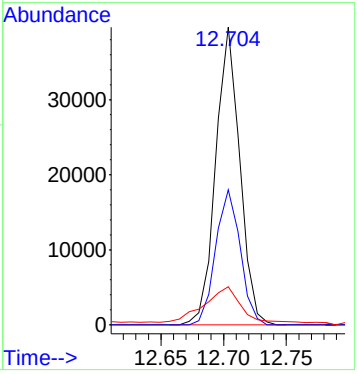


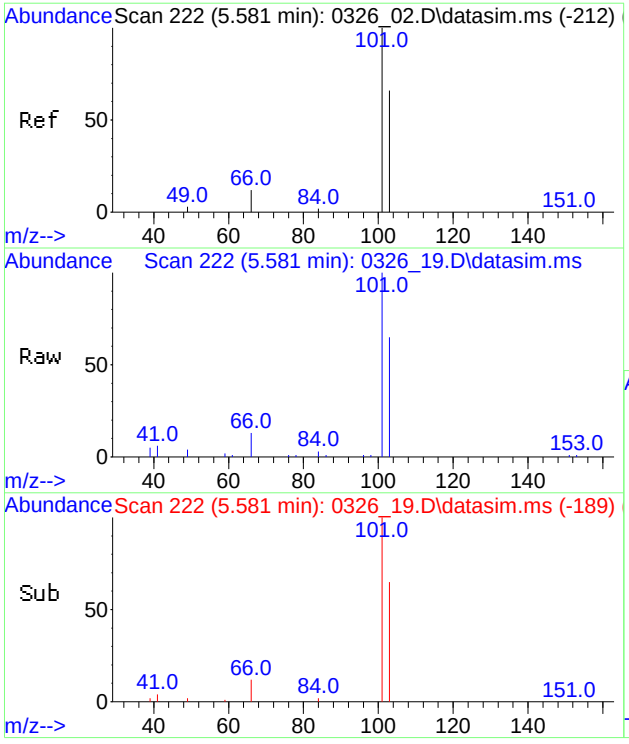


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.516 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:105 Resp: 53062

Ion	Ratio	Lower	Upper
105	100		
120	46.3	44.4	66.6
77	22.5	18.2	27.4

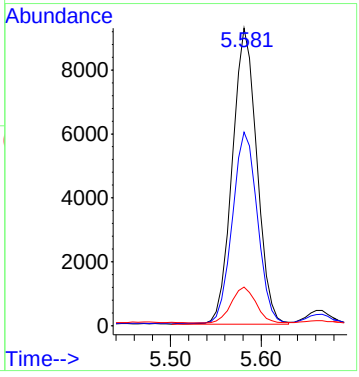


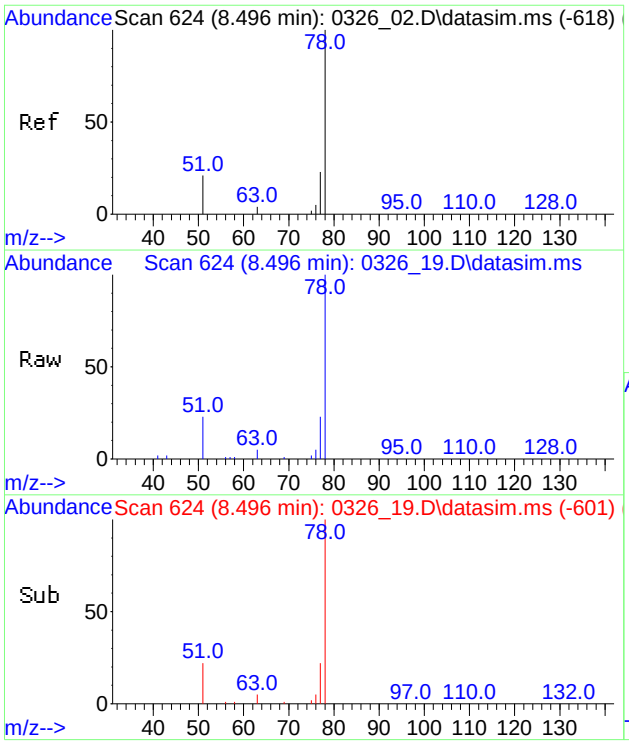


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.212 ppbv
RT: 5.581 min Scan# 222
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:101 Resp: 17390

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.4	78.6
66	12.9	11.4	11.4#

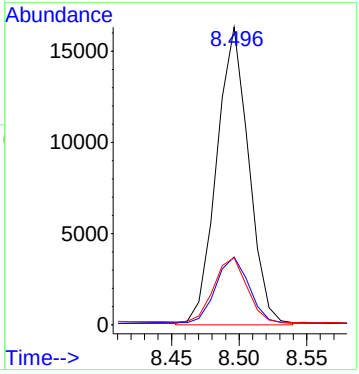


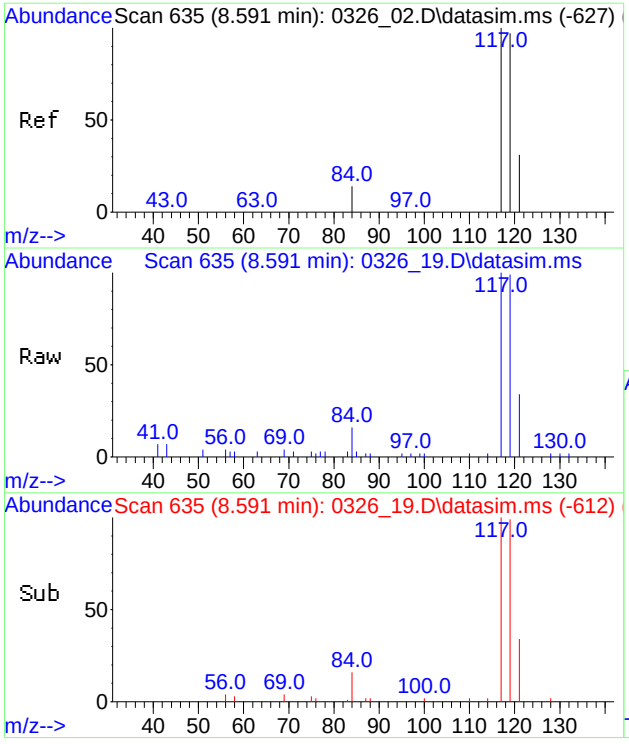


#85
Benzene(sim)
Conc: 8$ 0.310 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 78 Resp: 24735

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2
51	25.8	18.1	27.1

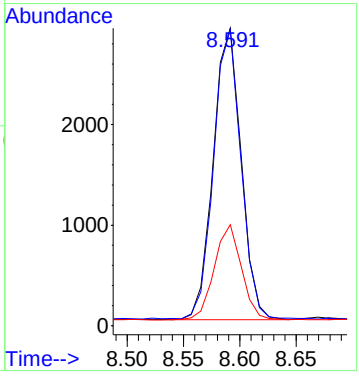


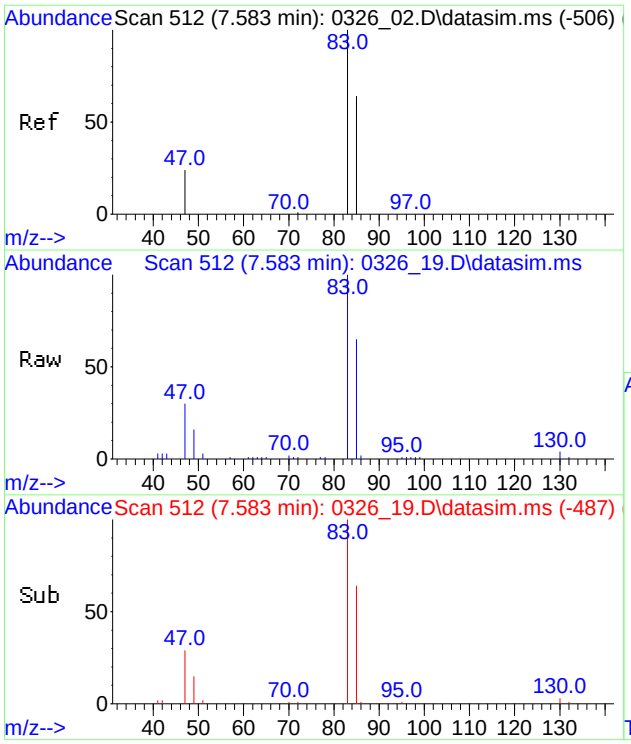


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.070 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:117 Resp: 5002

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
121	32.4	24.9	37.3

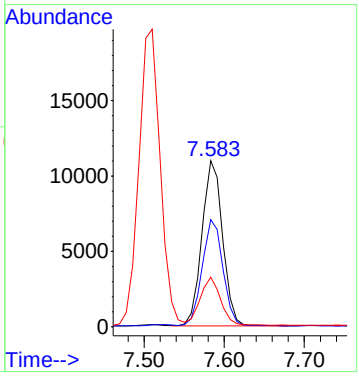


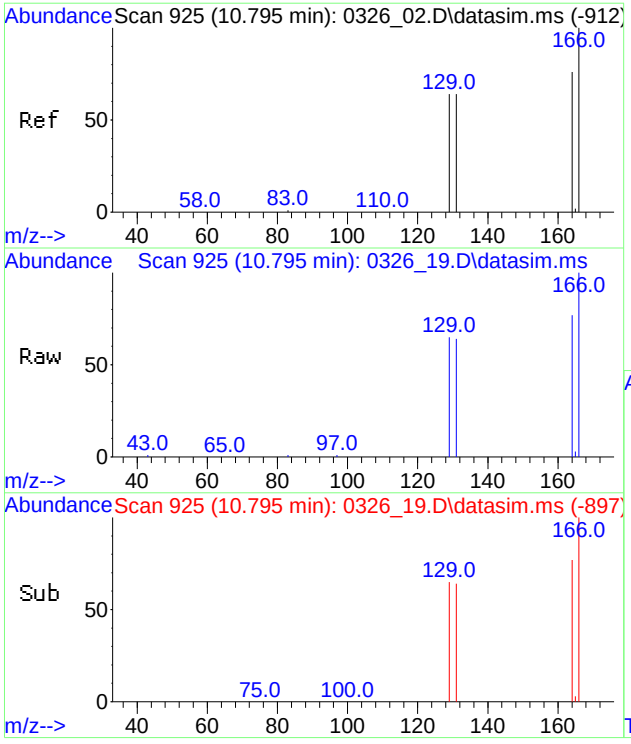


#92
Chloroform(sim)
Conc: 8$ 0.308 ppbv
RT: 7.583 min Scan# 512
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 83 Resp: 19530

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4
47	29.1	23.0	34.4

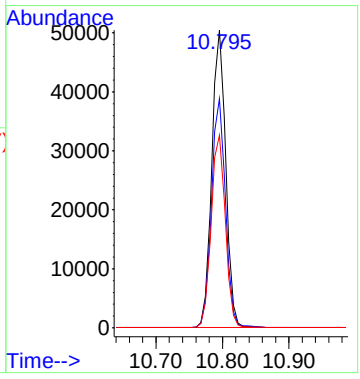


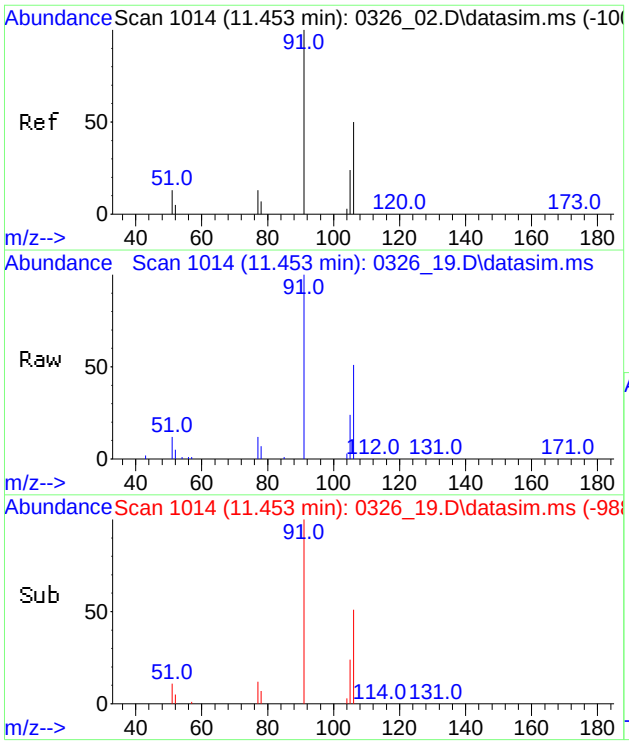


#102
Tetrachloroethene(sim)
Conc: 8$ 1.111 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion:166 Resp: 73118

Ion	Ratio	Lower	Upper
166	100		
164	77.5	58.0	98.0
129	65.8	58.0	98.0

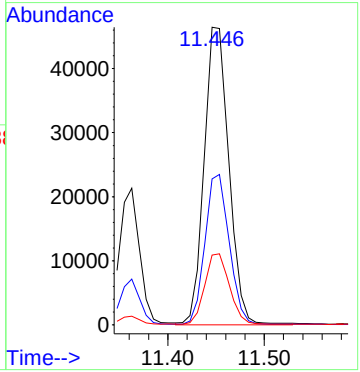




#105
m,p-Xylene(sim)
Conc: 8$ 0.866 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_19.D
Acq: 27 Mar 2025 12:43 am

Tgt Ion: 91 Resp: 74461

Ion	Ratio	Lower	Upper
91	100		
106	50.1	46.3	56.5
105	25.3	19.5	29.3



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-04

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91399

Canister: 225 Lab File ID: 0326_18.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.459		0.202	0.202	r
74-87-3	Chloromethane	0.605		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	17.9	S	0.531	0.531	r
67-64-1	Acetone	6.52	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.214		0.178	0.178	r
67-63-0	Isopropylalcohol	2.20	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	5.92		0.339	0.339	r
110-54-3	Hexane	1.32	S	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
71-43-2	Benzene	0.835		0.313	0.313	r
110-82-7	Cyclohexane	1.20		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.554		0.215	0.215	r
142-82-5	Heptane	2.23		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	3.40		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.746		0.037	0.037	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
100-41-4	Ethylbenzene	1.25		0.230	0.230	r
179601-23-1	m,p-Xylene	3.95		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.54		0.230	0.230	r
98-82-8	Isopropylbenzene	0.243		0.204	0.204	r
622-96-8	4-Ethyltoluene	2.02		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.551		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.71		0.204	0.204	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

IA25-04

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91399

Canister: 225 Lab File ID: 0326_18.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.077		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_18.D
Acq On : 27 Mar 2025 12:01 am
Operator : Keith
Client ID : IA25-04
Lab ID : CS91399
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 27 05:40:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

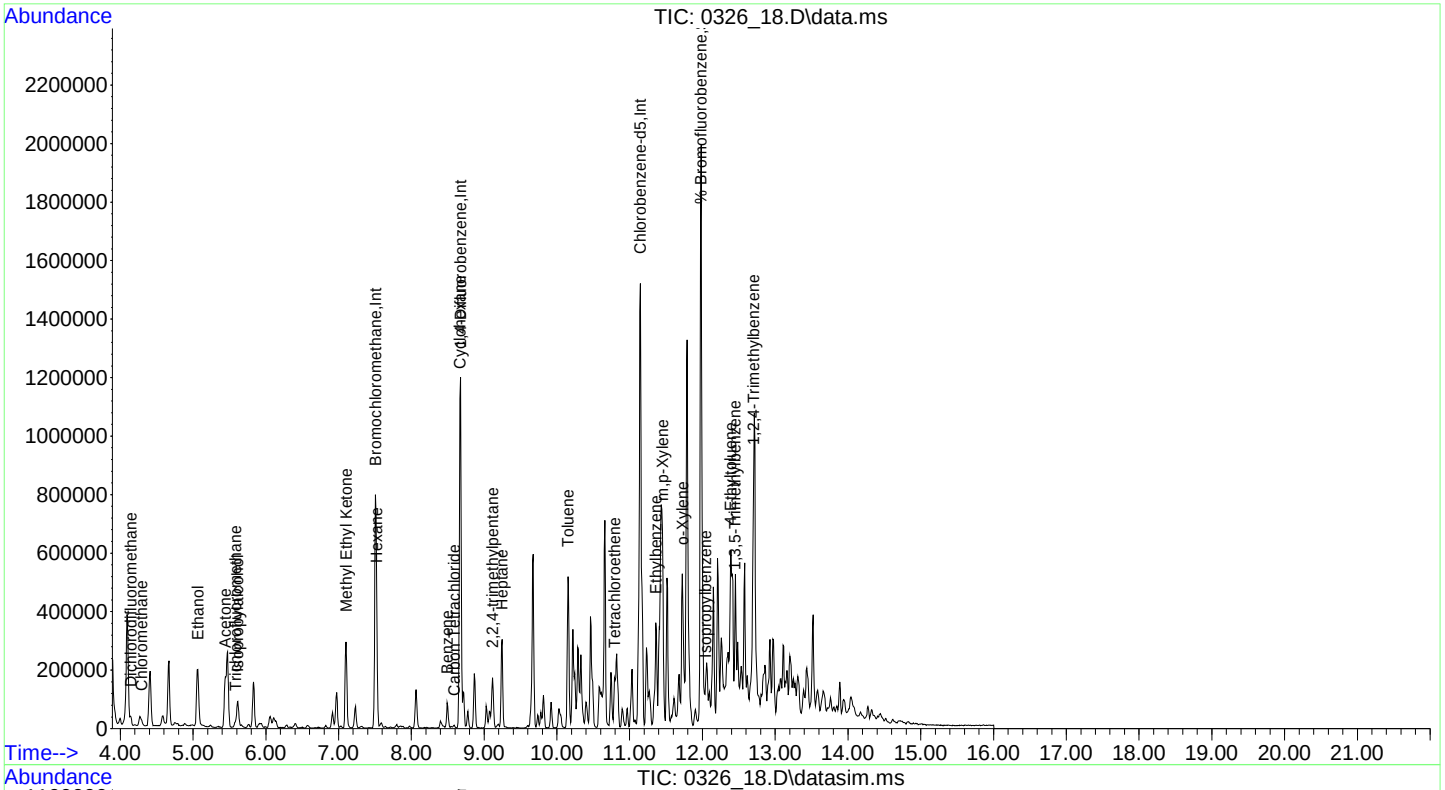
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	225010	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	768255	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	413270	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	225617	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	768255	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	413270	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	447200	9.037	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.40%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	33171	0.458	ppbv		99
4) Chloromethane	4.294	50	19700	0.605	ppbv		99
11) Ethanol	5.065	45	256151	17.921	ppbv#		93
12) Acetone	5.443	43	301534	6.518	ppbv#		84
13) Trichlorofluoromethane	5.584	101	15800	0.214	ppbv		99
14) Isopropylalcohol	5.615	45	125705	2.199	ppbv#		90
25) Methyl Ethyl Ketone	7.102	43	359828	5.915	ppbv		99
27) Hexane	7.523	57	55879	1.315	ppbv		96
33) Benzene	8.493	78	61163	0.835	ppbv		98
34) Carbon Tetrachloride	8.588	117	4832	0.072	ppbv		97
35) Cyclohexane	8.666	84	33873	1.196	ppbv		97
40) 2,2,4-trimethylpentane	9.116	57	75839	0.554	ppbv#		29
43) Heptane	9.246	43	122340	2.225	ppbv		95
48) Toluene	10.152	91	293568	3.400	ppbv		98
52) Tetrachloroethene	10.792	166	43473	0.746	ppbv		90
56) Ethylbenzene	11.359	91	148298	1.246	ppbv		98
57) m,p-Xylene	11.450	91	357664	3.948	ppbv		97
61) o-Xylene	11.723	91	146840	1.536	ppbv		98
64) Isopropylbenzene	12.042	105	34125	0.243	ppbv		98
65) 4-Ethyltoluene	12.385	105	262026	2.022	ppbv		95
66) 1,3,5-Trimethylbenzene	12.447	105	62800	0.551	ppbv		95
67) 1,2,4-Trimethylbenzene	12.704	105	190662	1.708	ppbv#		85
82] Trichlorofluoromethane...	5.581	101	16433	0.209	ppbv#		99
85] Benzene(sim)	8.493	78	61163	0.799	ppbv		98
86] Carbon Tetrachloride(sim)	8.591	117	5219	0.077	ppbv		97
102] Tetrachloroethene(sim)	10.795	166	44040	0.706	ppbv		92
105] m,p-Xylene(sim)	11.450	91	360510	3.861	ppbv		97

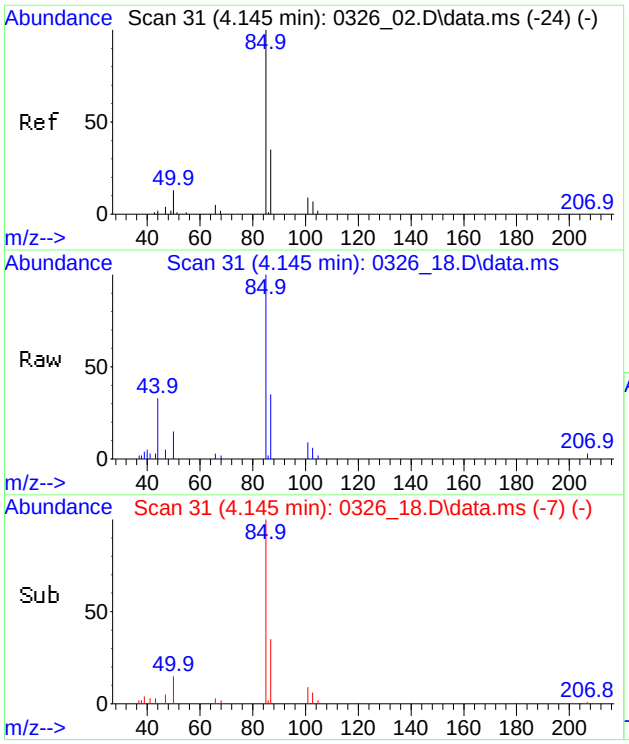
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_18.D
Acq On : 27 Mar 2025 12:01 am
Operator : Keith
Client ID : IA25-04
Lab ID : CS91399
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 27 05:40:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

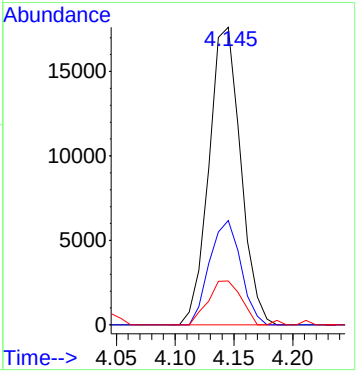


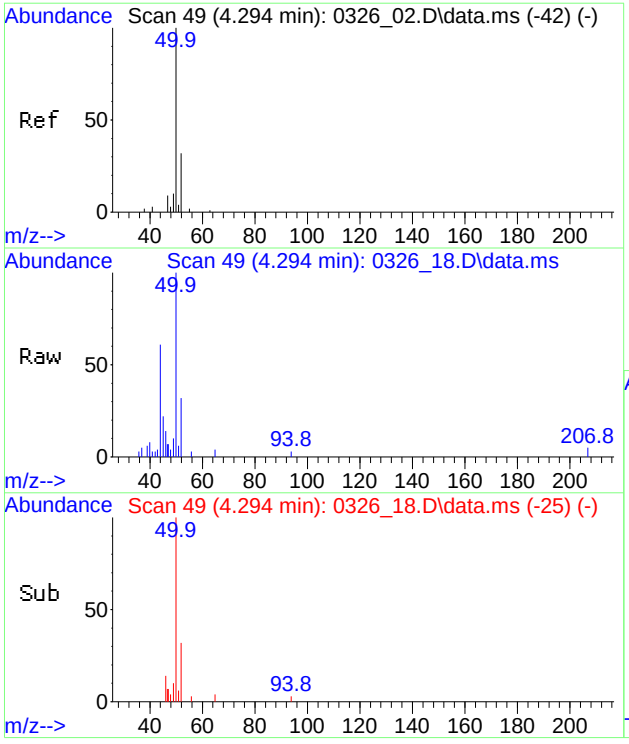


#3
Dichlorodifluoromethane
Conc: 8$ 0.458 ppbv
RT: 4.145 min Scan# 31
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 85 Resp: 33171

Ion	Ratio	Lower	Upper
85	100		
87	34.6	26.9	40.3
50	15.4	12.0	18.0

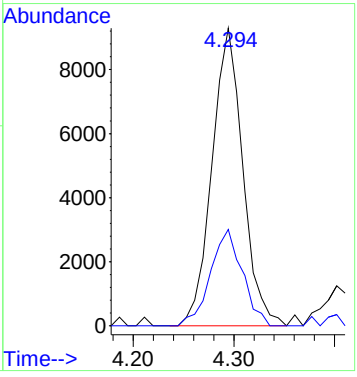


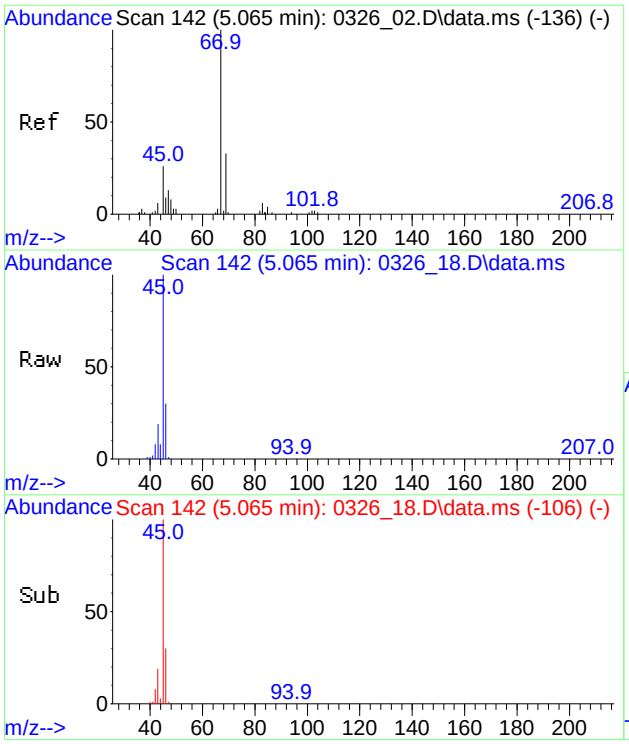


#4
Chloromethane
Conc: 8$ 0.605 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 50 Resp: 19700

Ion	Ratio	Lower	Upper
50	100		
52	33.5	12.8	52.8

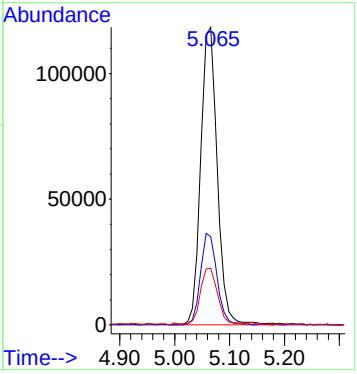


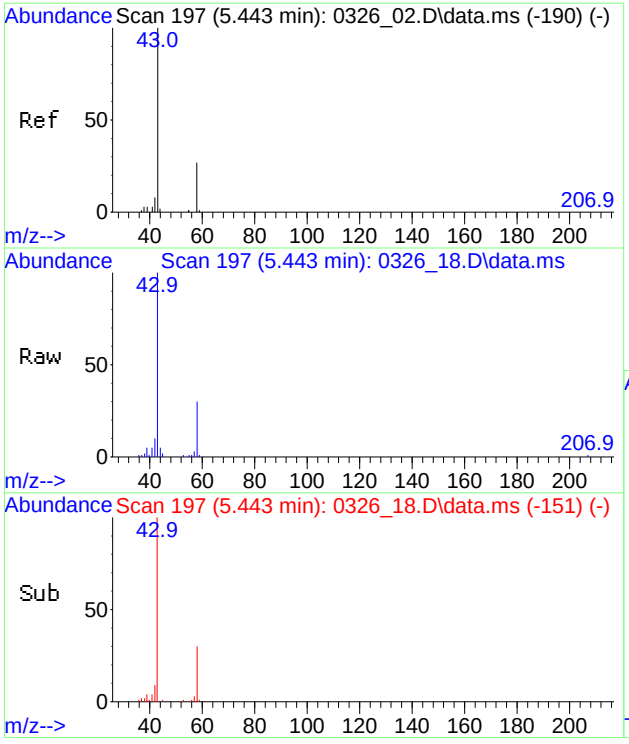


#11
Ethanol
Conc: 8$ 17.921 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 45 Resp: 256151

Ion	Ratio	Lower	Upper
45	100		
46	29.5	25.0	37.6
43	19.4	20.0	30.0#

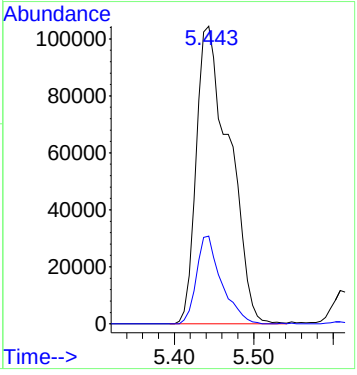


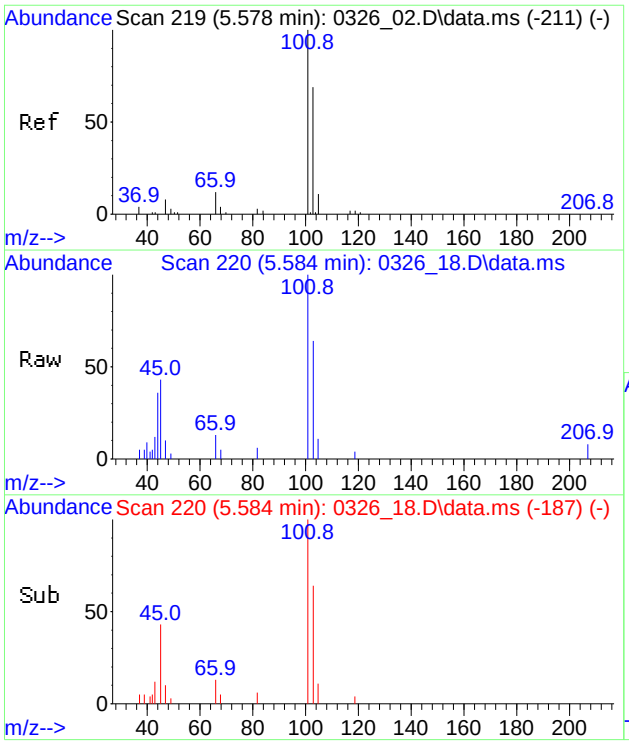


#12
Acetone
Conc: 8$ 6.518 ppbv
RT: 5.443 min Scan# 197
Delta R.T. 0.006 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 43 Resp: 301534

Ion	Ratio	Lower	Upper
43	100		
58	22.2	24.6	37.0#

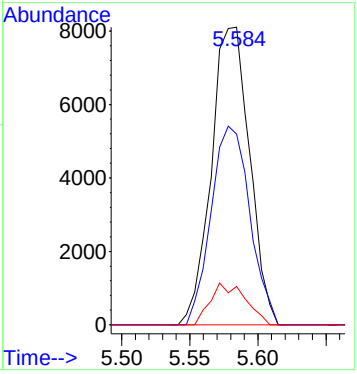


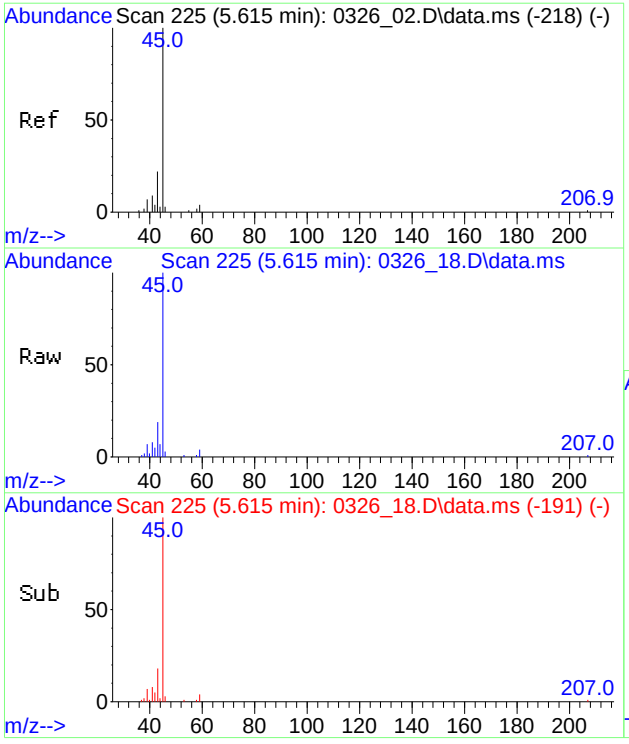


#13
Trichlorofluoromethane
Conc: 8$ 0.214 ppbv
RT: 5.584 min Scan# 220
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:101 Resp: 15800

Ion	Ratio	Lower	Upper
101	100		
103	67.7	53.4	80.2
66	12.9	9.3	13.9

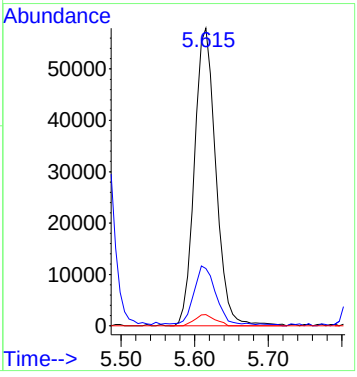


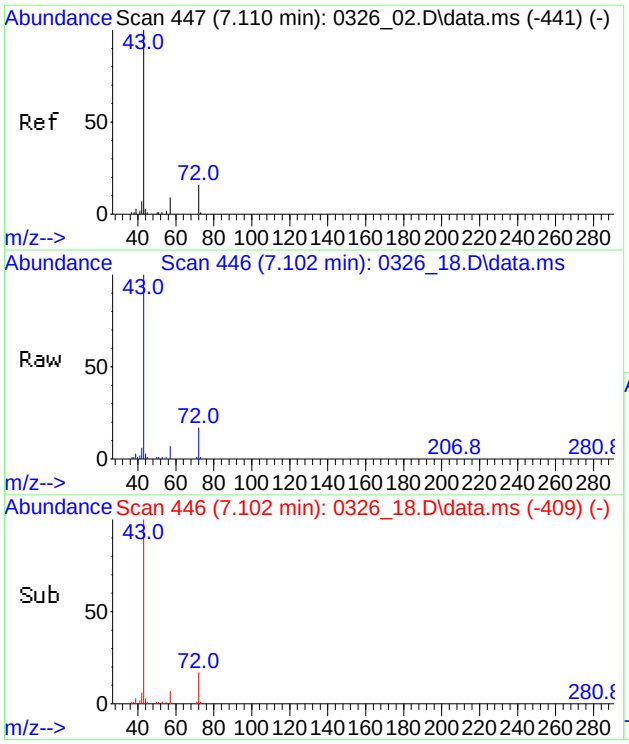


#14
Isopropylalcohol
Conc: 8$ 2.199 ppbv
RT: 5.615 min Scan# 225
Delta R.T. 0.006 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 45 Resp: 125705

Ion	Ratio	Lower	Upper
45	100		
43	21.7	13.3	19.9#
59	3.4	2.6	4.0

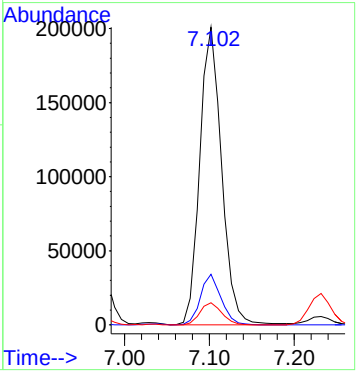


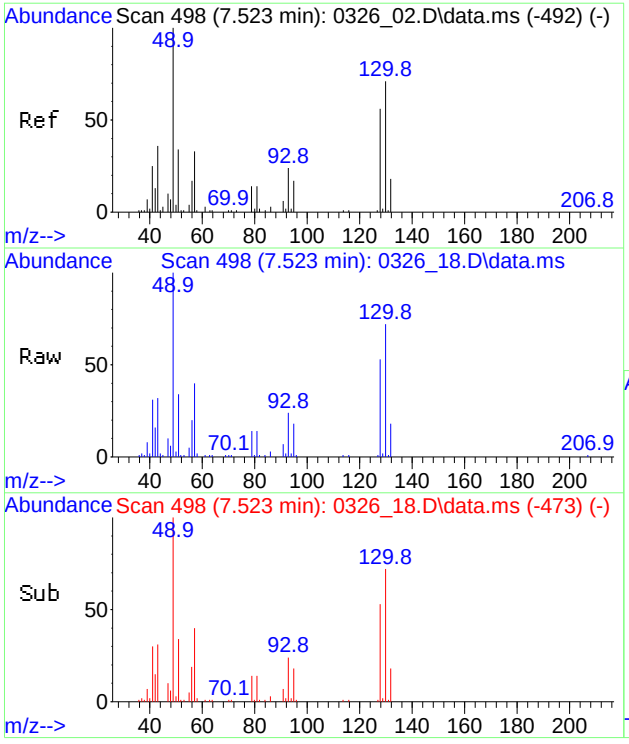


#25
Methyl Ethyl Ketone
Conc: 8$ 5.915 ppbv
RT: 7.102 min Scan# 446
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 43 Resp: 359828

Ion	Ratio	Lower	Upper
43	100		
72	16.1	13.1	19.7
57	7.4	6.6	9.8

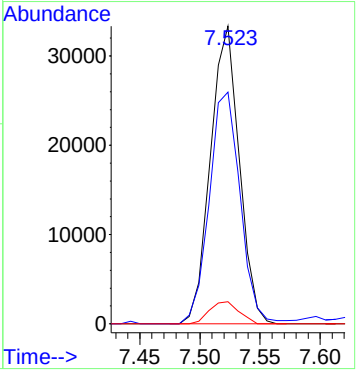


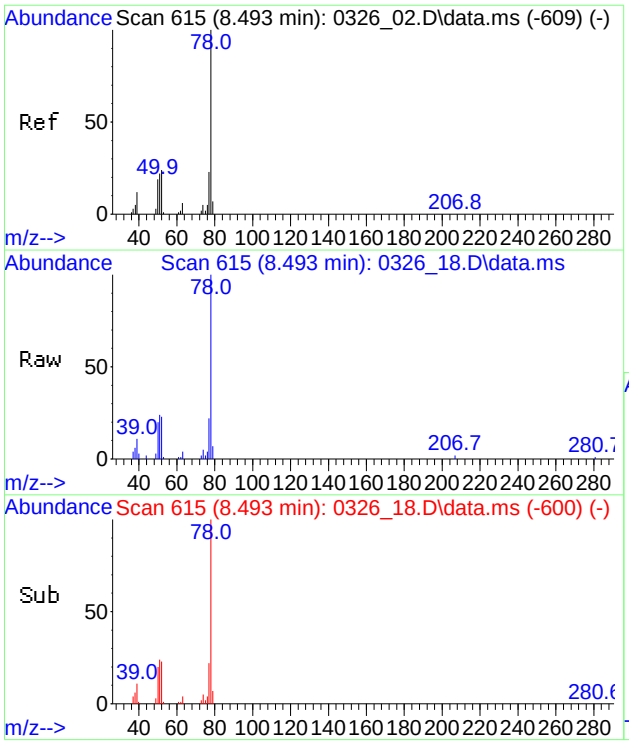


#27
Hexane
Conc: 8$ 1.315 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 57 Resp: 55879

Ion	Ratio	Lower	Upper
57	100		
41	83.4	63.4	95.2
86	7.6	5.8	8.6

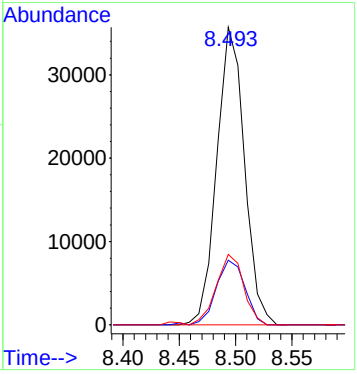


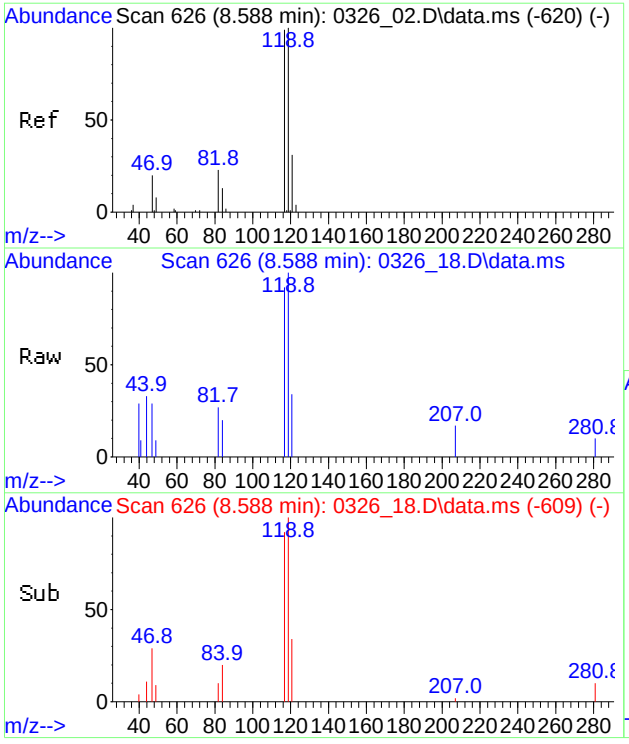


#33
Benzene
Conc: 8$ 0.835 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 78 Resp: 61163

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2
51	23.9	18.1	27.1

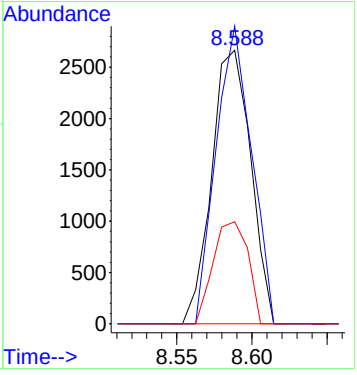


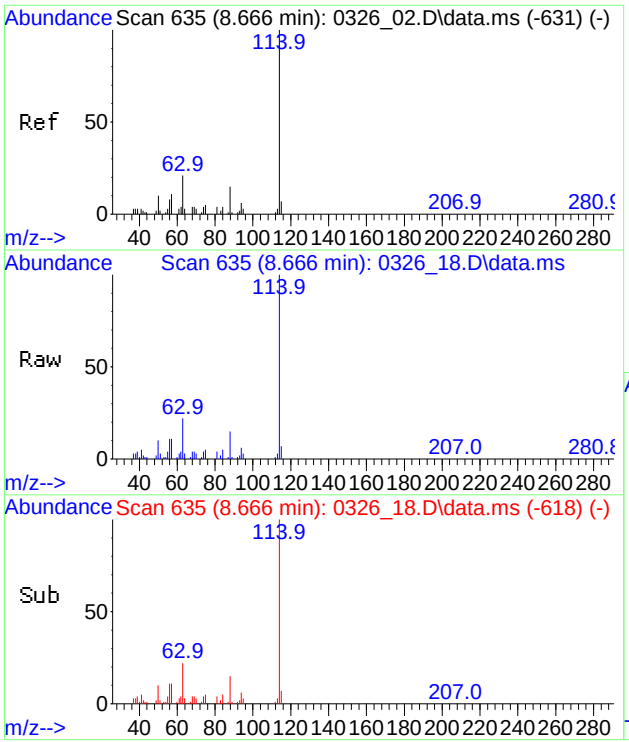


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:117 Resp: 4832

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.5	116.5
121	33.3	11.2	51.2

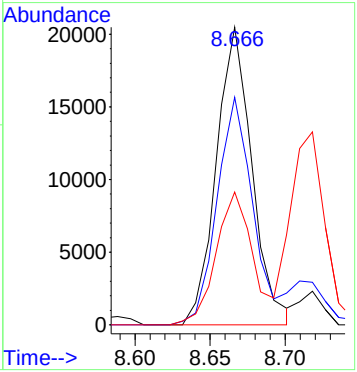


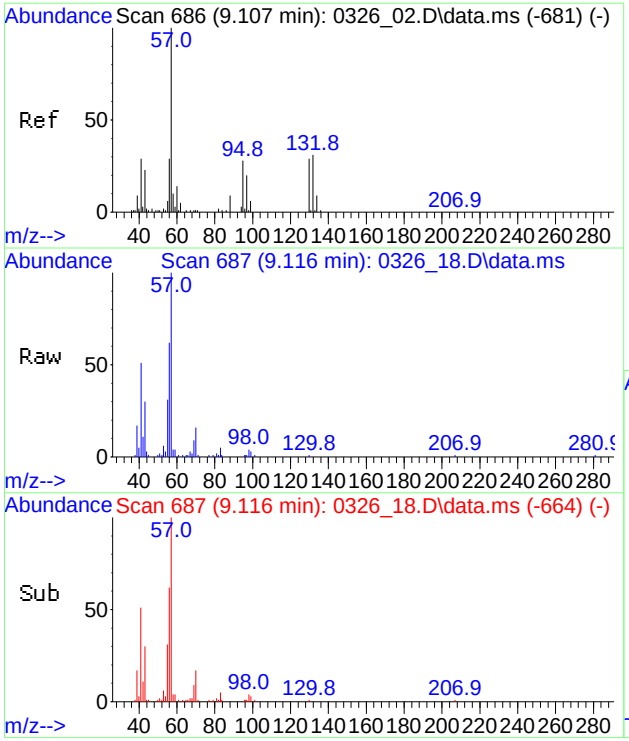


#35
Cyclohexane
Conc: 8$ 1.196 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 84 Resp: 33873

Ion	Ratio	Lower	Upper
84	100		
55	79.0	63.1	94.7
42	46.5	33.3	49.9

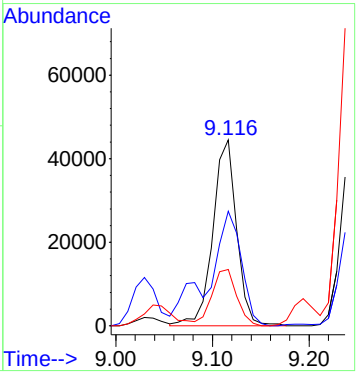


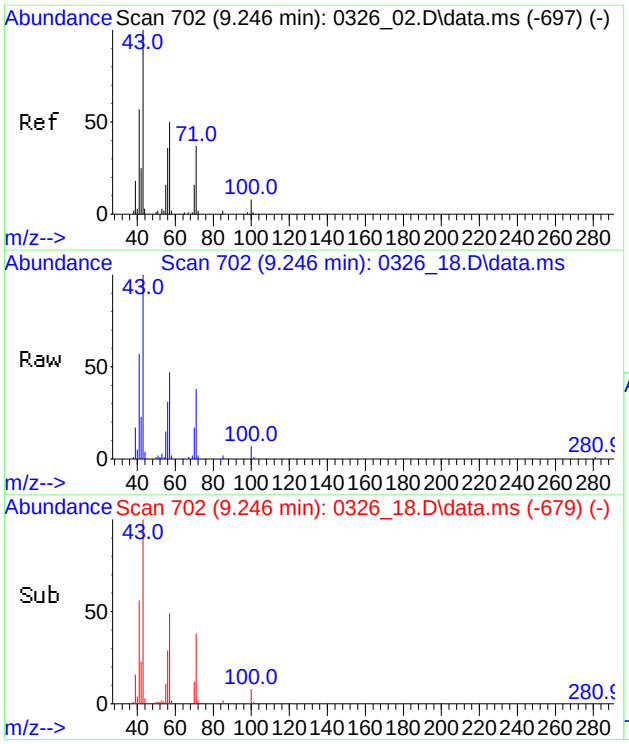


#40
2,2,4-trimethylpentane
Conc: 8$ 0.554 ppbv
RT: 9.116 min Scan# 687
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 57 Resp: 75839

Ion	Ratio	Lower	Upper
57	100		
56	85.9	22.9	34.3#
43	31.5	17.0	25.4#

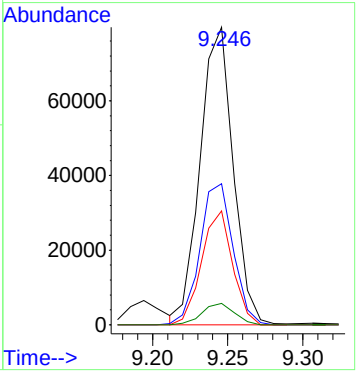


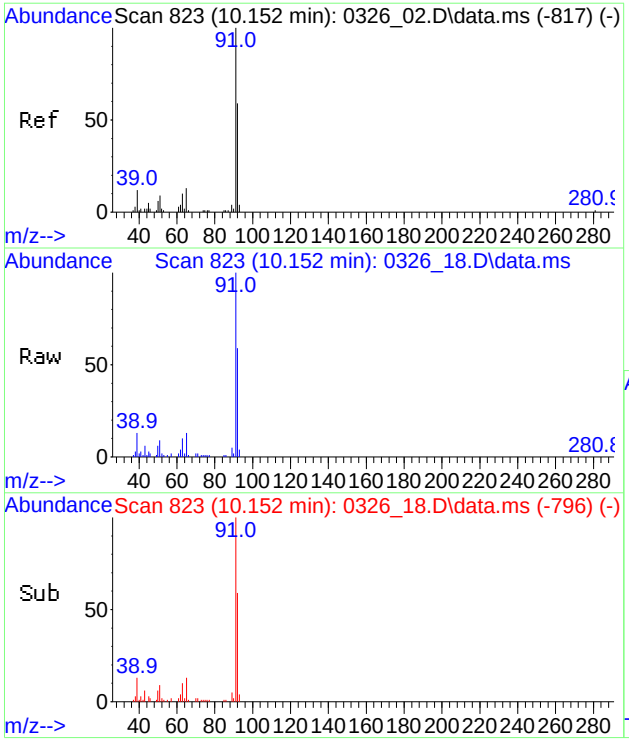


#43
Heptane
Conc: 8$ 2.225 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 43 Resp: 122340

Ion	Ratio	Lower	Upper
43	100		
57	47.7	42.4	63.6
71	35.9	29.4	44.0
100	7.1	6.5	9.7

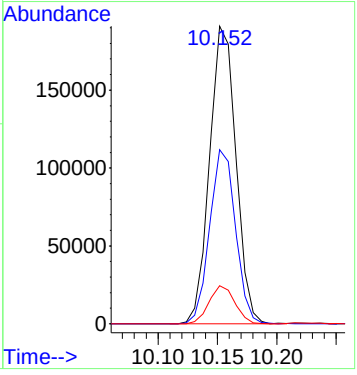


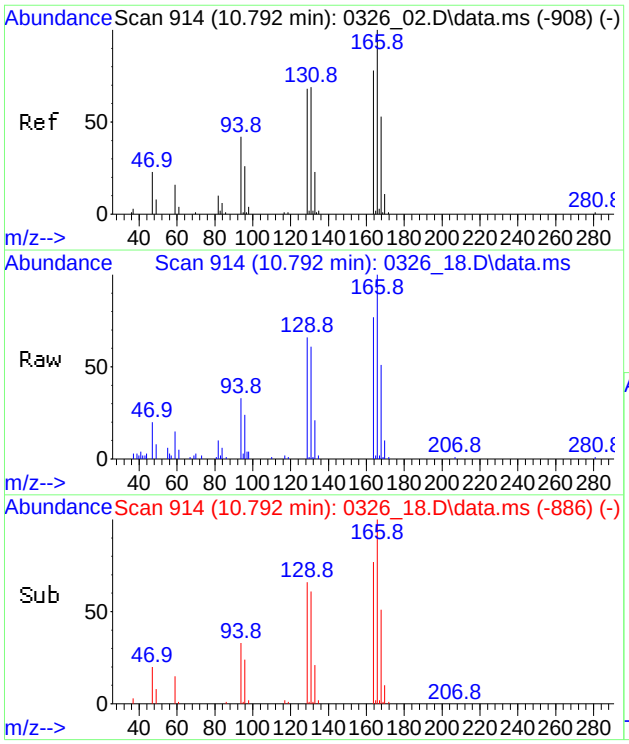


#48
Toluene
Conc: 8$ 3.400 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 91 Resp: 293568

Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.0	67.4
65	12.6	9.4	14.2

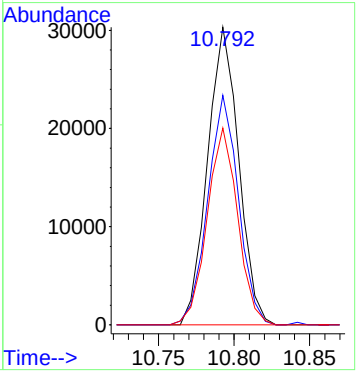


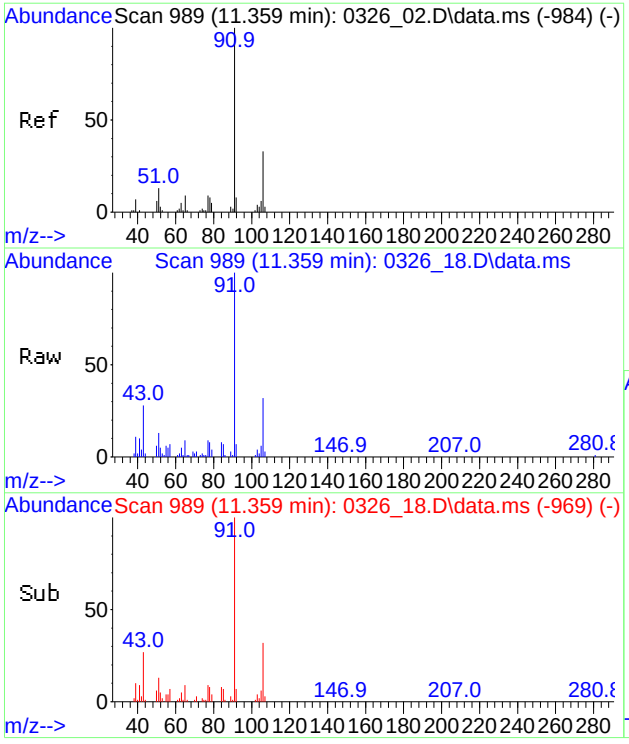


#52
Tetrachloroethene
Conc: 8$ 0.746 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:166 Resp: 43473

Ion	Ratio	Lower	Upper
166	100		
164	76.0	64.7	97.1
129	64.8	62.2	93.2

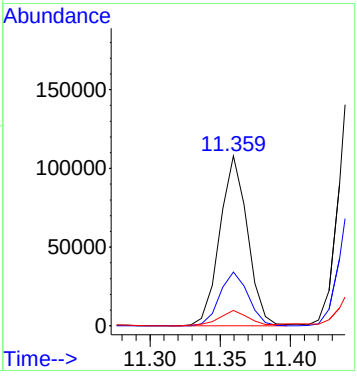


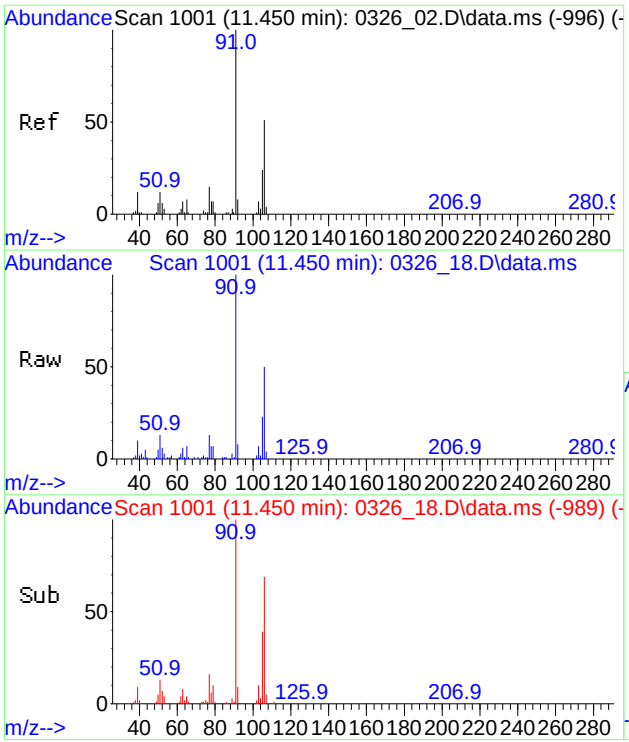


#56
Ethylbenzene
Conc: 8$ 1.246 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 91 Resp: 148298

Ion	Ratio	Lower	Upper
91	100		
106	32.4	13.5	53.5
77	9.7	0.0	28.3

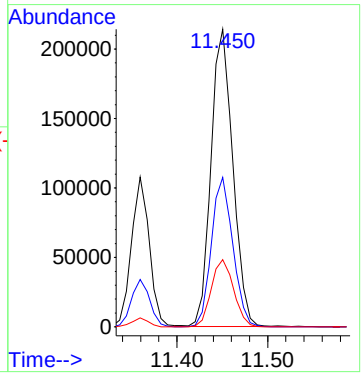


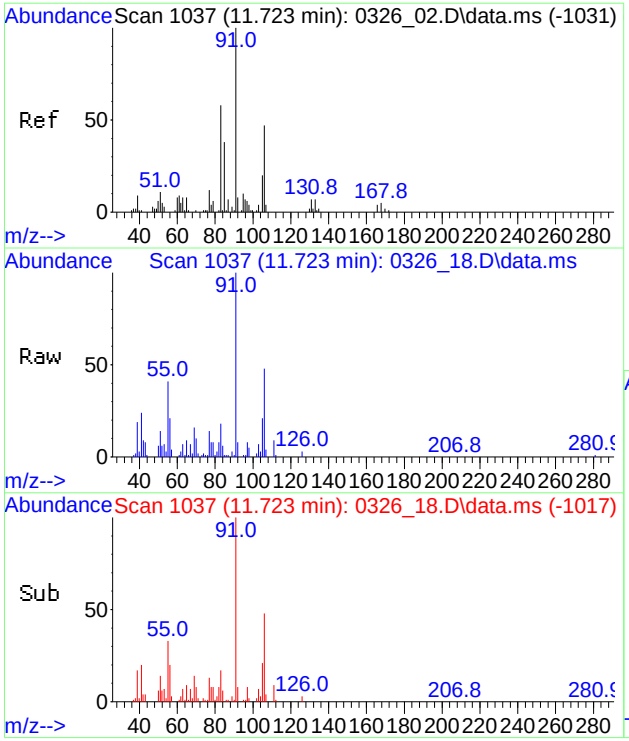


#57
m,p-Xylene
Conc: 8$ 3.948 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 91 Resp: 357664

Ion	Ratio	Lower	Upper
91	100		
106	49.5	41.1	61.7
105	23.2	19.5	29.3

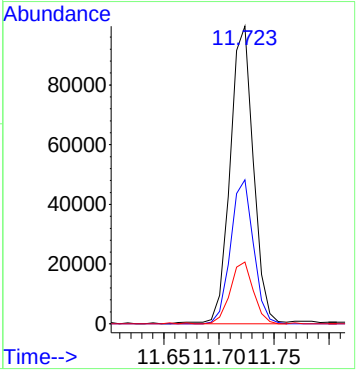


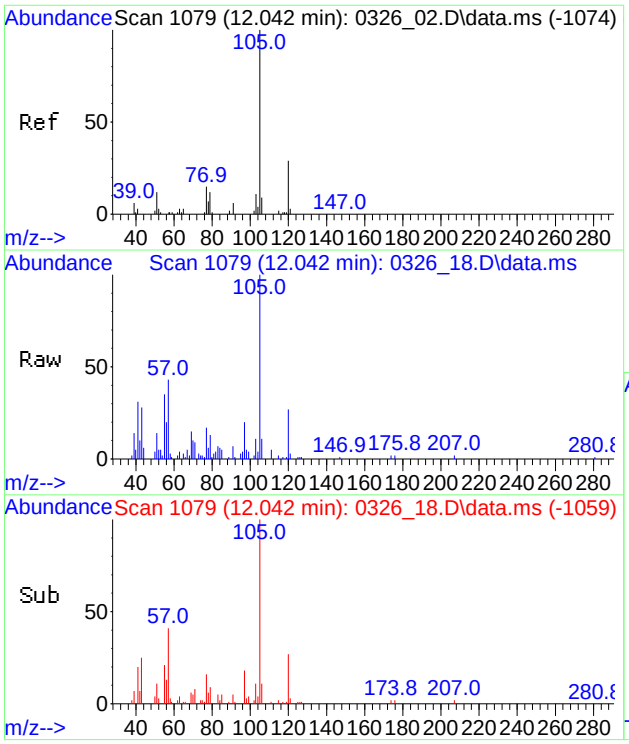


#61
o-Xylene
Conc: 8$ 1.536 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 91 Resp: 146840

Ion	Ratio	Lower	Upper
91	100		
106	47.5	39.6	59.4
105	20.6	16.7	25.1

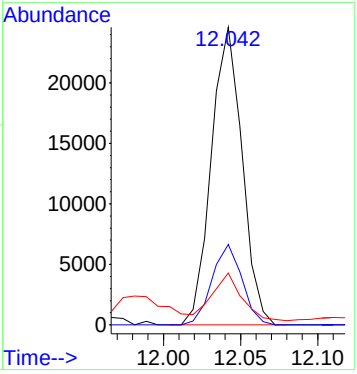


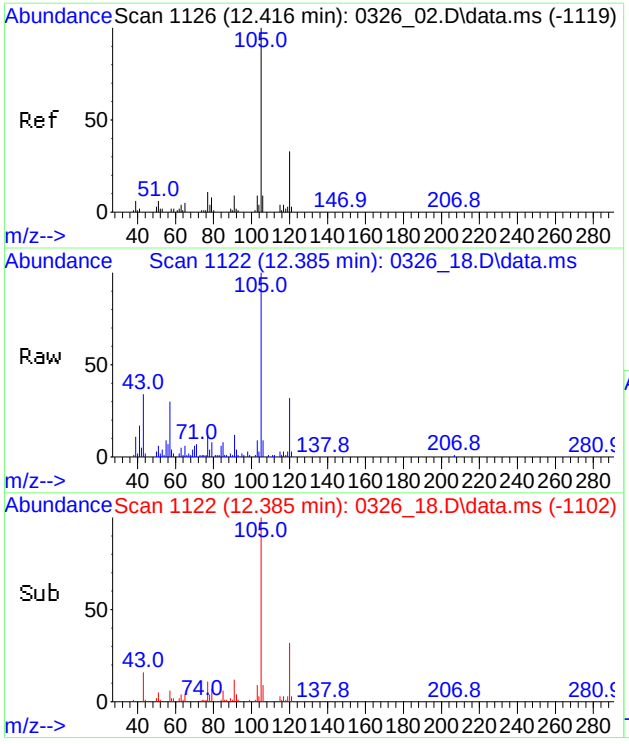


#64
Isopropylbenzene
Conc: 8$ 0.243 ppbv
RT: 12.042 min Scan# 1079
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:105 Resp: 34125

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8
77	15.8	11.1	16.7

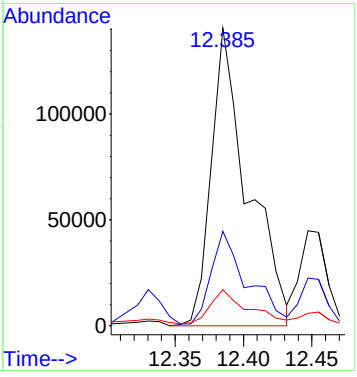


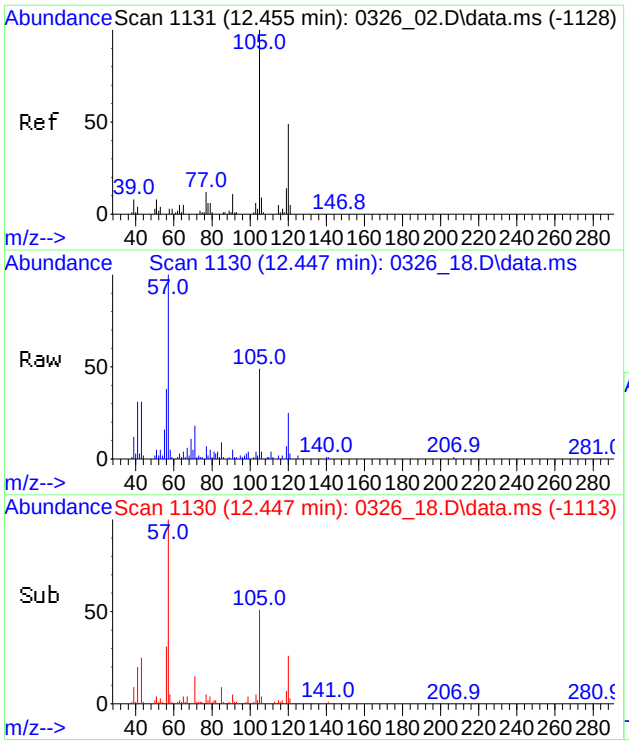


#65
4-Ethyltoluene
Conc: 8$ 2.022 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:105 Resp: 262026

Ion	Ratio	Lower	Upper
105	100		
120	32.3	23.4	35.2
77	11.2	8.2	12.4

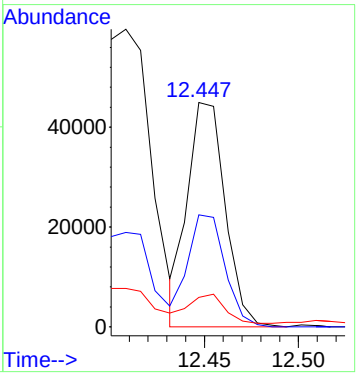


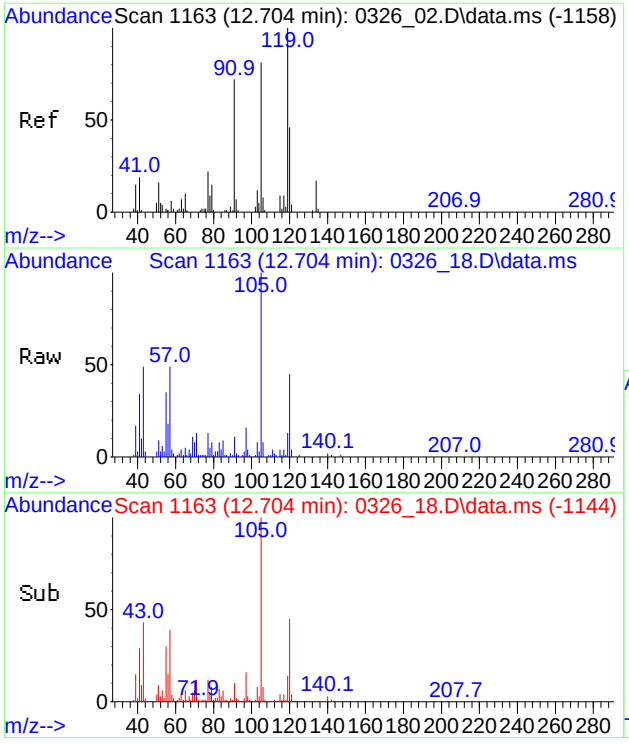


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.551 ppbv
RT: 12.447 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:105 Resp: 62800

Ion	Ratio	Lower	Upper
105	100		
120	49.5	42.6	63.8
77	12.3	8.8	13.2

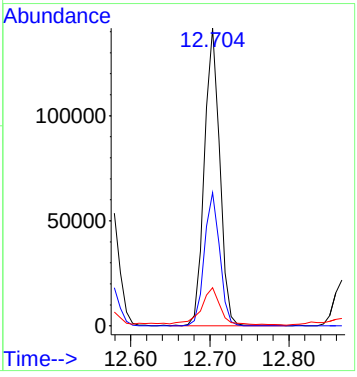


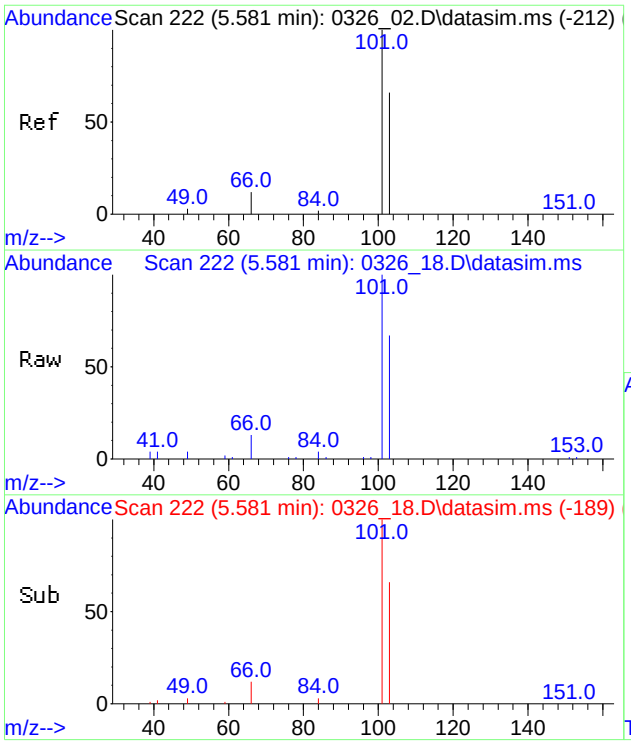


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.708 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:105 Resp: 190662

Ion	Ratio	Lower	Upper
105	100		
120	44.5	44.4	66.6
77	15.8	18.2	27.4#

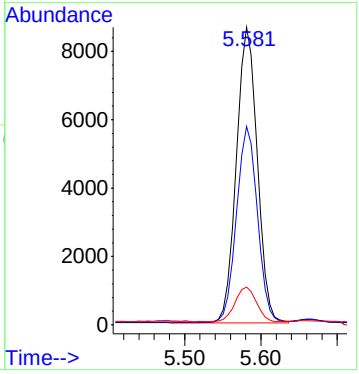


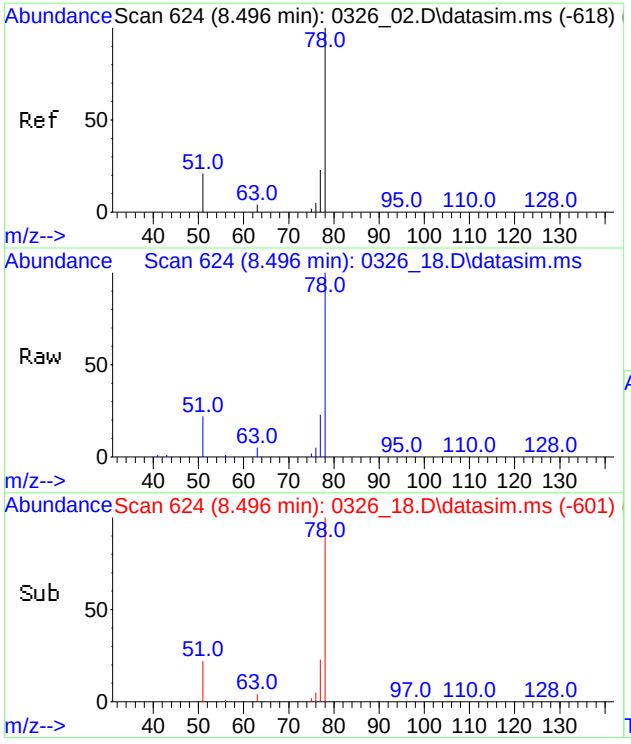


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.209 ppbv
RT: 5.581 min Scan# 222
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:101 Resp: 16433

Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.4	78.6
66	11.9	11.4	11.4#

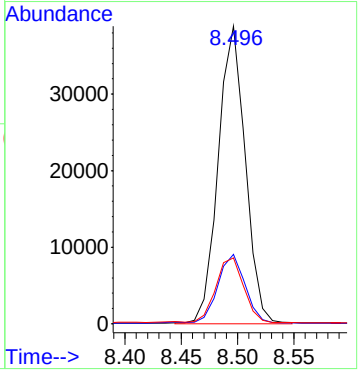


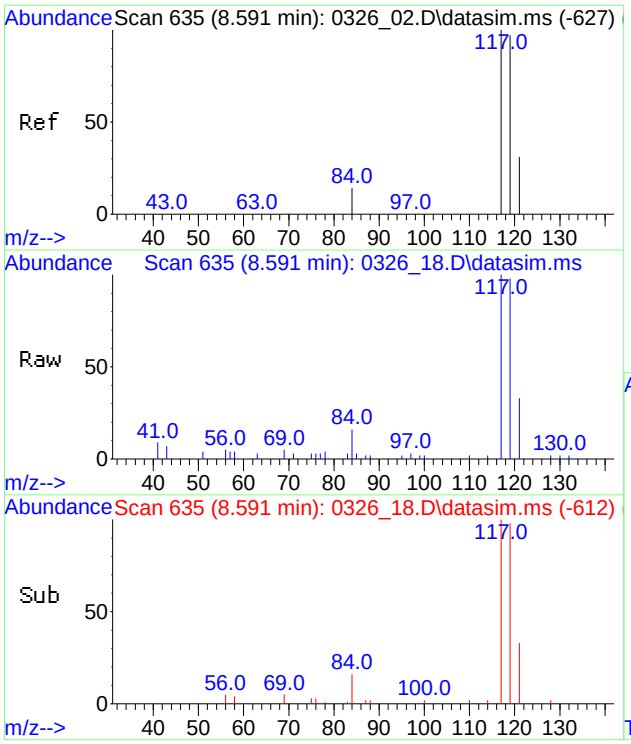


#85
Benzene(sim)
Conc: 8$ 0.799 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 78 Resp: 61163

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2
51	23.9	18.1	27.1

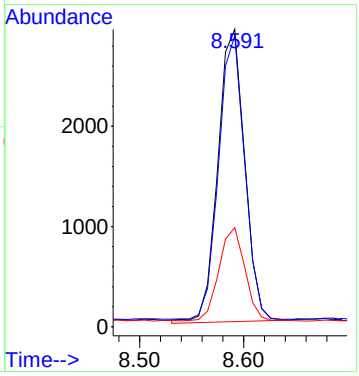


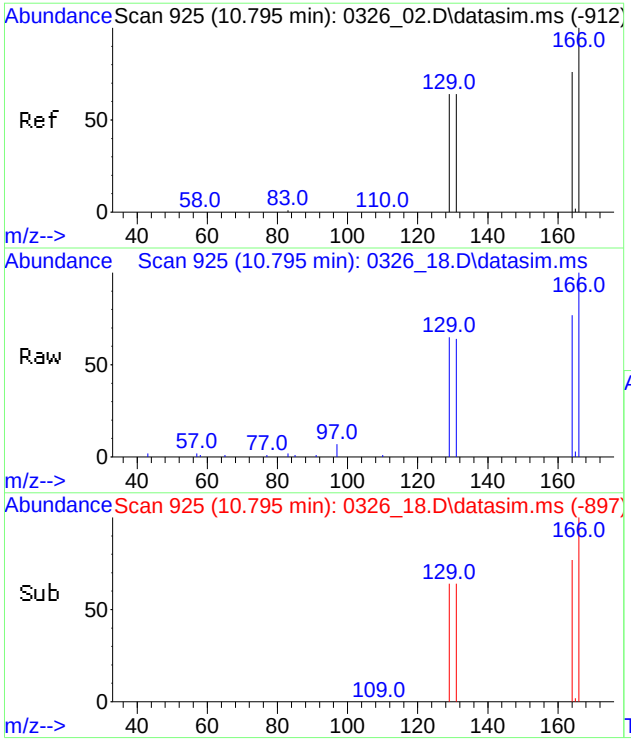


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.077 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:117 Resp: 5219

Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.2
121	30.8	24.9	37.3

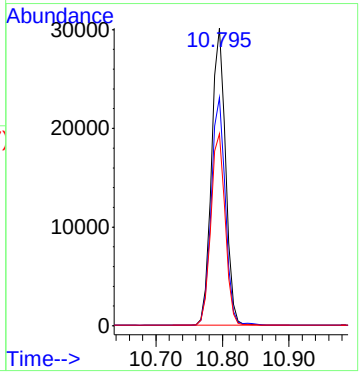


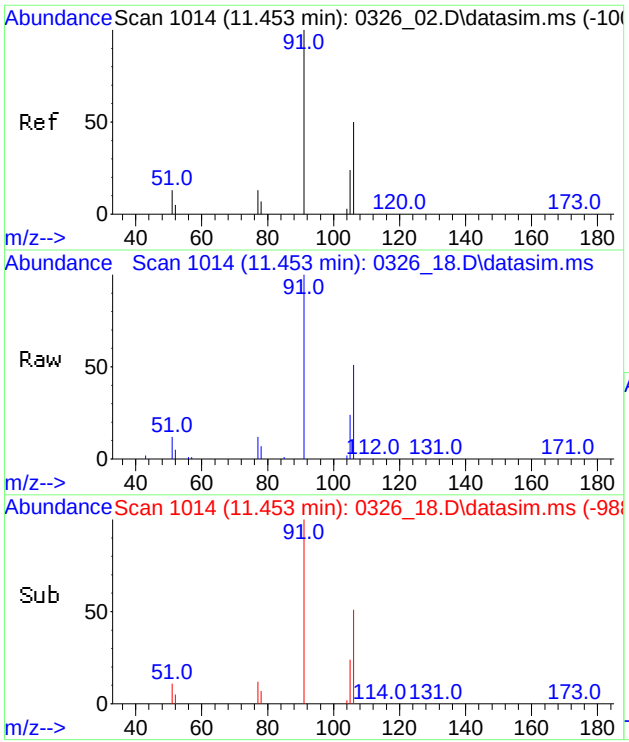


#102
Tetrachloroethene(sim)
Conc: 8$ 0.706 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion:166 Resp: 44040

Ion	Ratio	Lower	Upper
166	100		
164	77.3	58.0	98.0
129	65.7	58.0	98.0

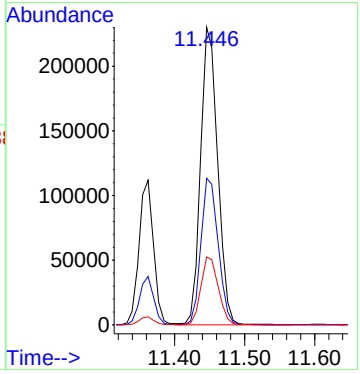




#105
m,p-Xylene(sim)
Conc: 8$ 3.861 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 27 Mar 2025 12:01 am

Tgt Ion: 91 Resp: 360510

Ion	Ratio	Lower	Upper
91	100		
106	49.1	46.3	56.5
105	23.0	19.5	29.3



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-12

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91400

Canister: 19960 Lab File ID: 0326_12.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.486		0.202	0.202	r
74-87-3	Chloromethane	0.639		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	86.0	ES	0.531	0.531	r
67-64-1	Acetone	9.88	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.211		0.178	0.178	r
67-63-0	Isopropylalcohol	3.14	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	7.08		0.339	0.339	r
110-54-3	Hexane	0.591	S	0.284	0.284	r
67-66-3	Chloroform	0.434		0.205	0.205	r
141-78-6	Ethyl acetate	1.05		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.473		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.313		0.215	0.215	r
142-82-5	Heptane	0.666		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	1.56		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.674		0.037	0.037	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
100-41-4	Ethylbenzene	0.361		0.230	0.230	r
179601-23-1	m,p-Xylene	1.12		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.408		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.389		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	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

IA25-12

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91400

Canister: 19960 Lab File ID: 0326_12.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.315		0.204	0.204	r
135-98-8	sec-Butylbenzene	0.182	U	0.182	0.182	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
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
56-23-5	Carbon Tetrachloride(sim)	0.063		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
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)	0.042		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_12.D
Acq On : 26 Mar 2025 9:55 pm
Operator :
Client ID : IA25-12
Lab ID : CS91400
ALS Vial : 7 Sample Multiplier: 1

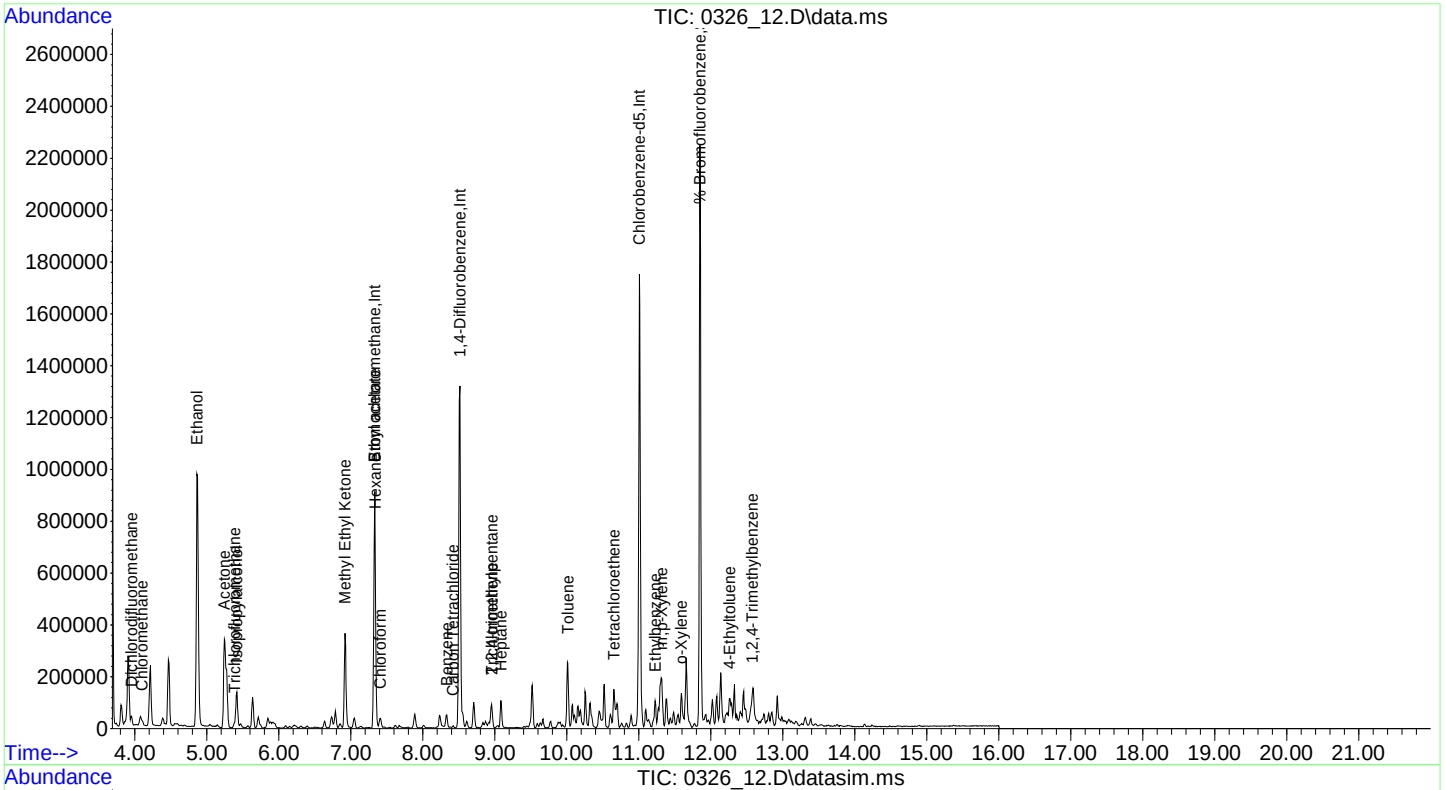
Quant Time: Mar 27 05:55:51 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

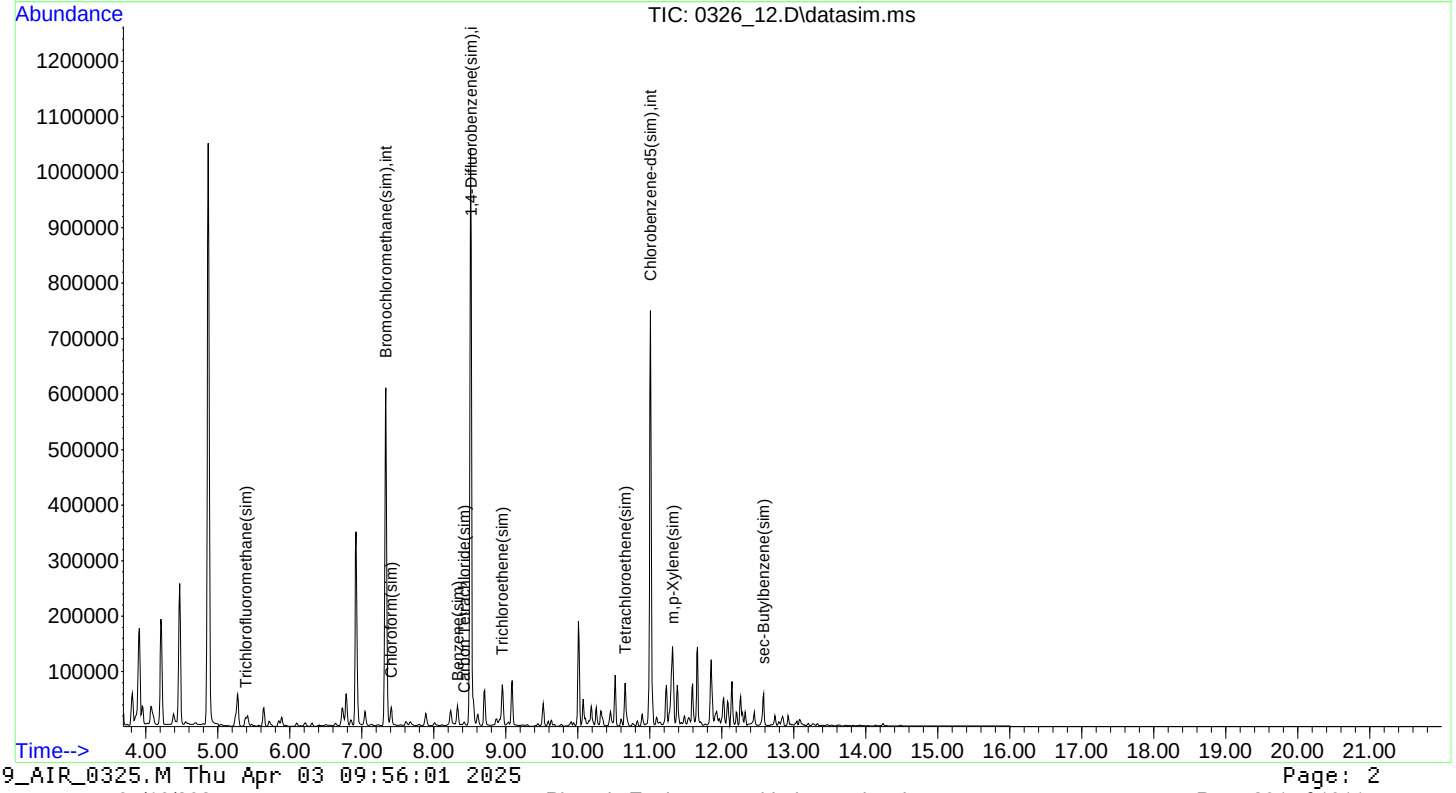
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	237803	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	887742	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	463009	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	240605	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	887742	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	463009	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	611440	10.212	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.10%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.956	85	30879	0.486	ppbv		97
4) Chloromethane	4.102	50	17190	0.639	ppbv		86
11) Ethanol	4.864	45	1128985	86.032	ppbv#		92
12) Acetone	5.243	43	475547	9.881	ppbv		98
13) Trichlorofluoromethane	5.384	101	14116	0.211	ppbv		99
14) Isopropylalcohol	5.415	45	164243	3.140	ppbv		98
25) Methyl Ethyl Ketone	6.918	43	425413	7.079	ppbv#		92
27) Hexane	7.340	57	27193	0.591	ppbv#		100
28) Chloroform	7.405	83	23491	0.434	ppbv		96
29) Ethyl acetate	7.332	61	10917	1.054	ppbv		97
33) Benzene	8.334	78	35905	0.473	ppbv		94
34) Carbon Tetrachloride	8.420	117	3915	0.066	ppbv		98
39) Trichloroethene	8.957	130	1525	0.043	ppbv		96
40) 2,2,4-trimethylpentane	8.957	57	45827	0.313	ppbv#		60
43) Heptane	9.086	43	39609	0.666	ppbv#		92
48) Toluene	10.015	91	148346	1.555	ppbv		99
52) Tetrachloroethene	10.656	166	30679	0.674	ppbv		95
56) Ethylbenzene	11.227	91	43043	0.361	ppbv		94
57) m,p-Xylene	11.318	91	101480	1.122	ppbv		97
61) o-Xylene	11.591	91	39603	0.408	ppbv		97
65) 4-Ethyltoluene	12.259	105	51243	0.389	ppbv		96
67) 1,2,4-Trimethylbenzene	12.578	105	34991	0.315	ppbv		89
82] Trichlorofluoromethane...	5.387	101	14899	0.201	ppbv#		100
85] Benzene(sim)	8.334	78	35847	0.377	ppbv		94
86] Carbon Tetrachloride(sim)	8.423	117	4078	0.063	ppbv		100
92] Chloroform(sim)	7.408	83	25443	0.400	ppbv		97
96] Trichloroethene(sim)	8.951	130	1577	0.042	ppbv		98
102] Tetrachloroethene(sim)	10.659	166	31325	0.656	ppbv		95
105] m,p-Xylene(sim)	11.318	91	101865	1.026	ppbv		97
110] sec-Butylbenzene(sim)	12.581	105	38030	0.289	ppbv		78

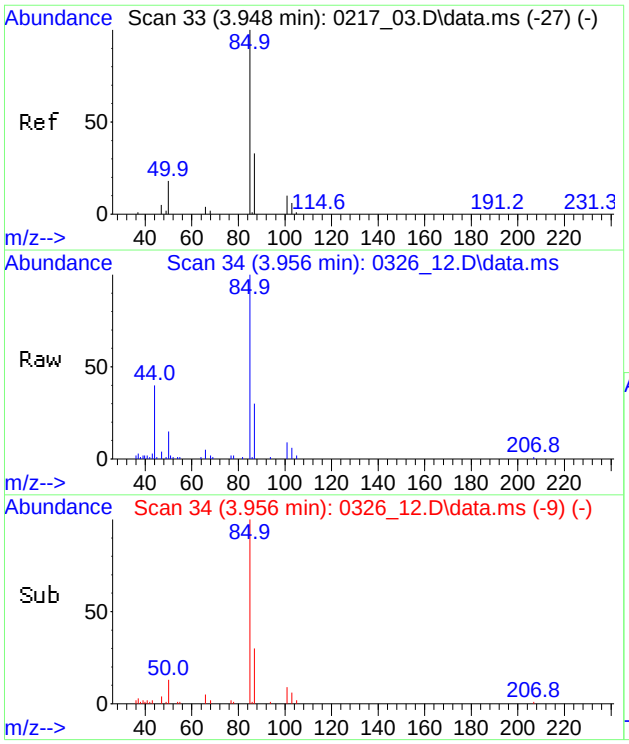
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_12.D
Acq On : 26 Mar 2025 9:55 pm
Operator :
Client ID : IA25-12
Lab ID : CS91400
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 27 05:55:51 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



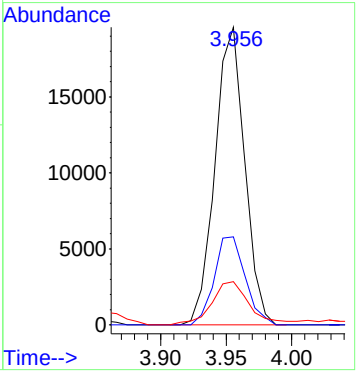


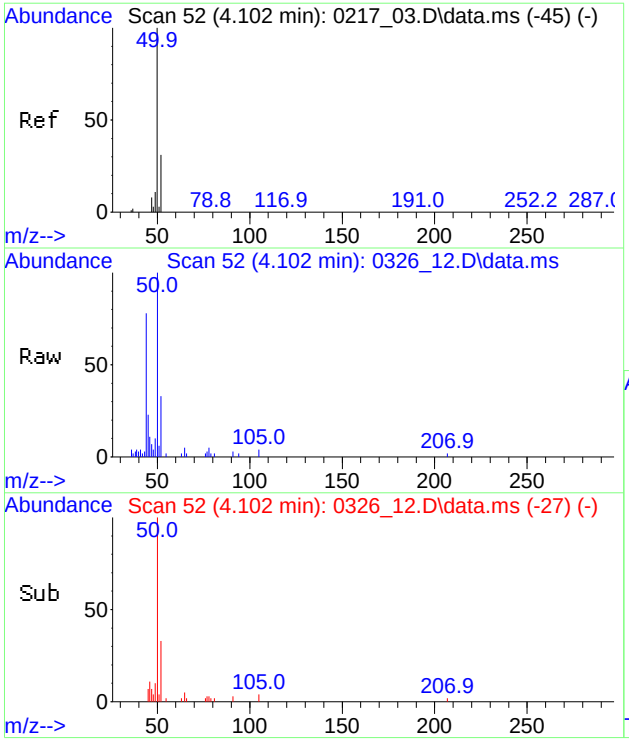


#3
Dichlorodifluoromethane
Conc: 8$ 0.486 ppbv
RT: 3.956 min Scan# 34
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 85 Resp: 30879

Ion	Ratio	Lower	Upper
85	100		
87	31.0	25.4	38.2
50	18.7	13.1	19.7

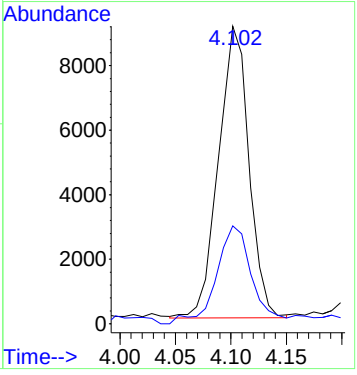


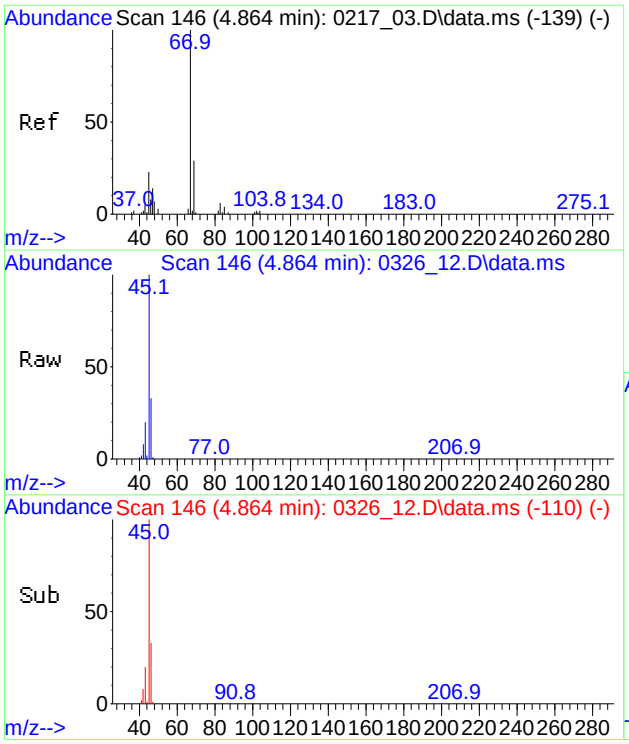


#4
Chloromethane
Conc: 8$ 0.639 ppbv
RT: 4.102 min Scan# 52
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 50 Resp: 17190

Ion	Ratio	Lower	Upper
50	100		
52	39.0	11.0	51.0

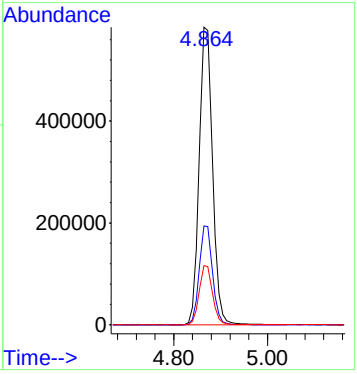


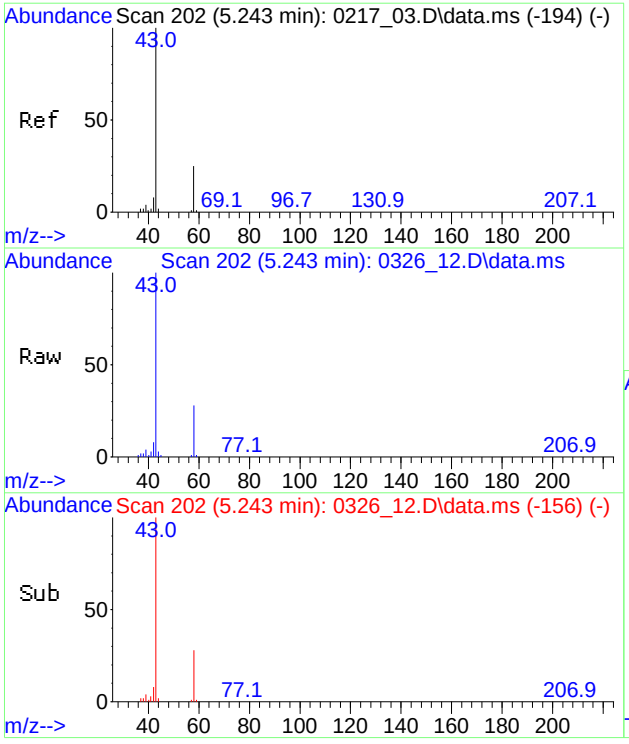


#11
Ethanol
Conc: 8$ 86.032 ppbv
RT: 4.864 min Scan# 146
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 45 Resp: 1128985

Ion	Ratio	Lower	Upper
45	100		
46	34.2	25.4	38.0
43	20.5	21.2	31.8#

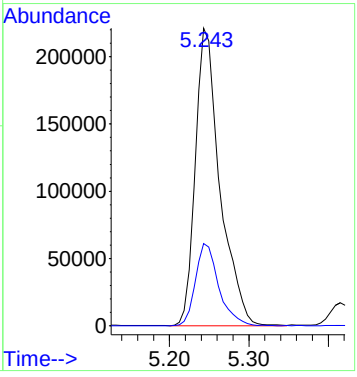


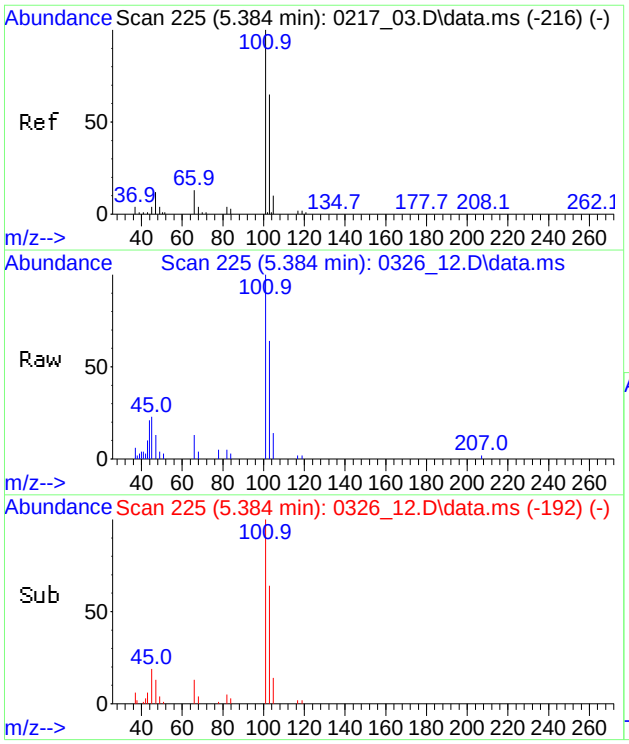


#12
Acetone
Conc: 8$ 9.881 ppbv
RT: 5.243 min Scan# 202
Delta R.T. -0.006 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 43 Resp: 475547

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.8	32.6

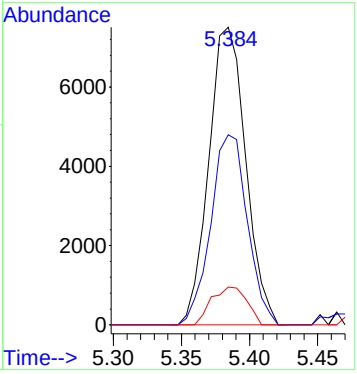


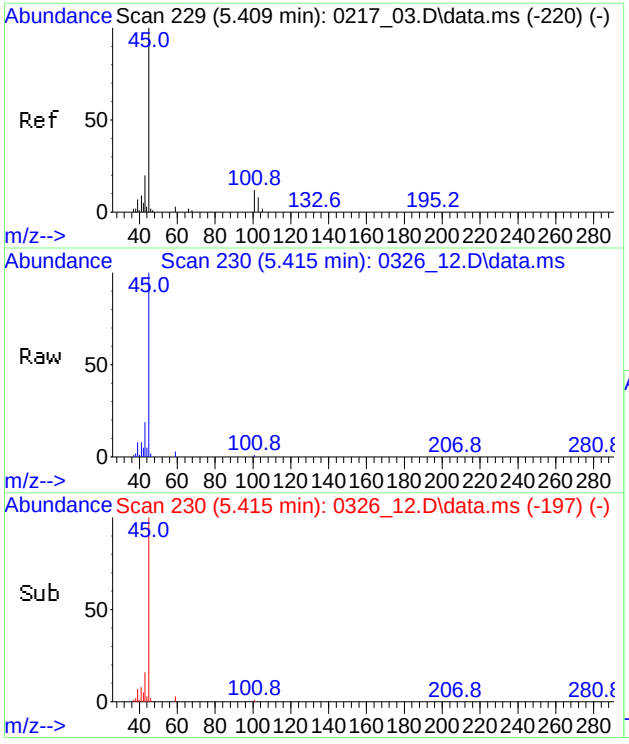


#13
Trichlorofluoromethane
Conc: 8$ 0.211 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:101 Resp: 14116

Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.3	76.9
66	12.1	10.7	16.1

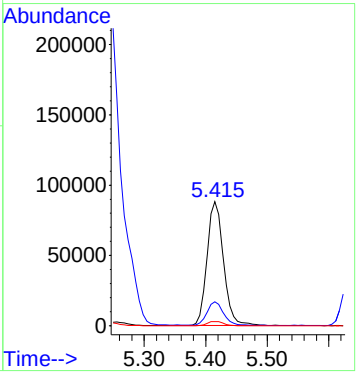


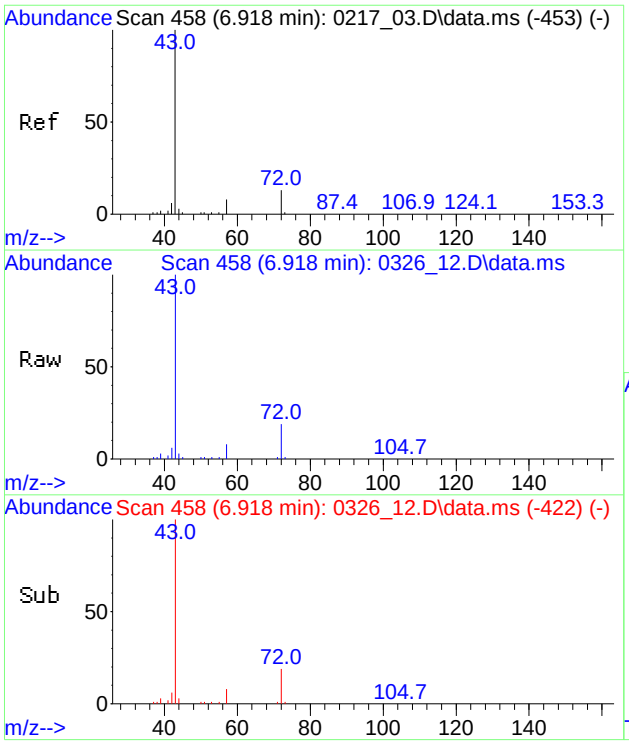


#14
Isopropylalcohol
Conc: 8$ 3.140 ppbv
RT: 5.415 min Scan# 230
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 45 Resp: 164243

Ion	Ratio	Lower	Upper
45	100		
43	19.7	16.8	25.2
59	3.5	2.8	4.2

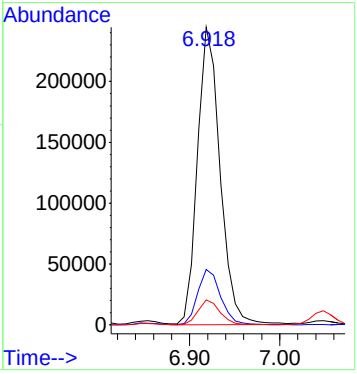


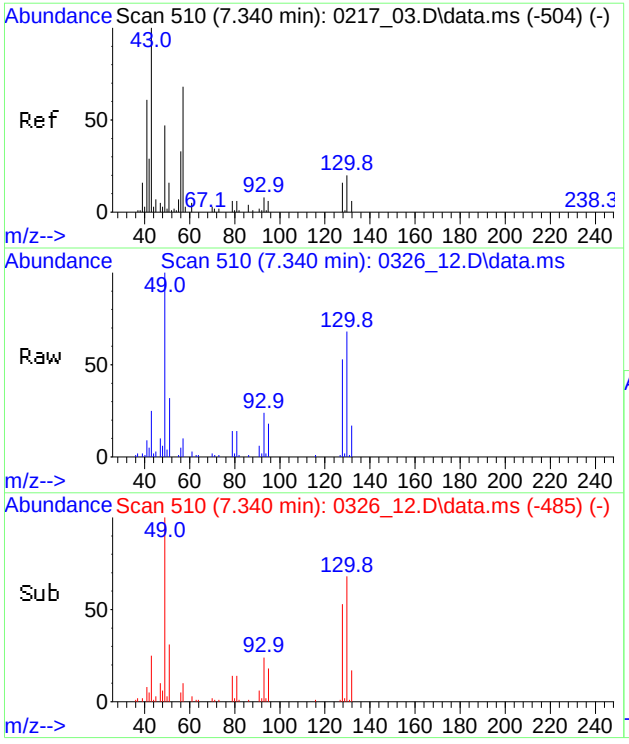


#25
Methyl Ethyl Ketone
Conc: 8$ 7.079 ppbv
RT: 6.918 min Scan# 458
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 43 Resp: 425413

Ion	Ratio	Lower	Upper
43	100		
72	18.9	11.6	17.4#
57	8.2	6.0	9.0

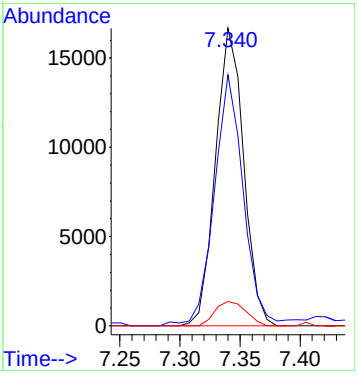


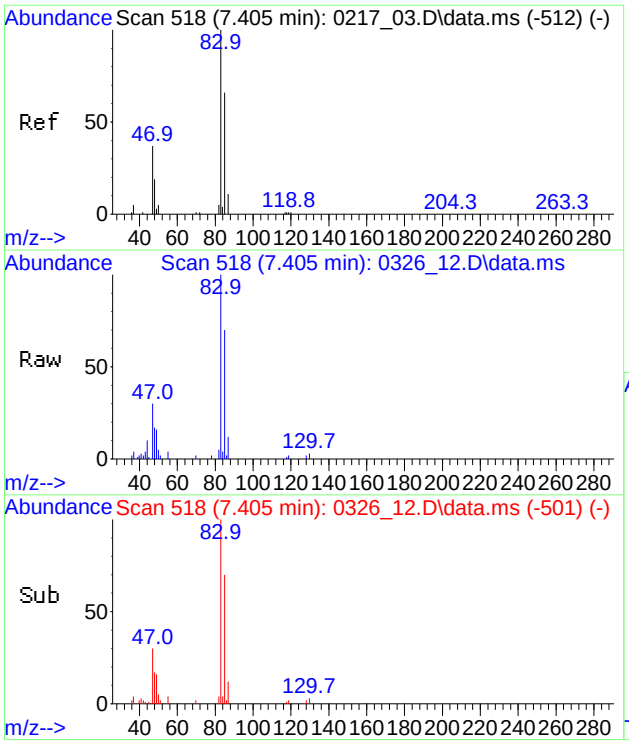


#27
Hexane
Conc: 8$ 0.591 ppbv
RT: 7.340 min Scan# 510
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 57 Resp: 27193

Ion	Ratio	Lower	Upper
57	100		
41	87.2	69.8	104.8
86	9.0	5.8	8.6#

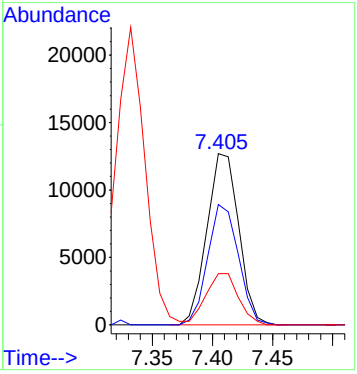


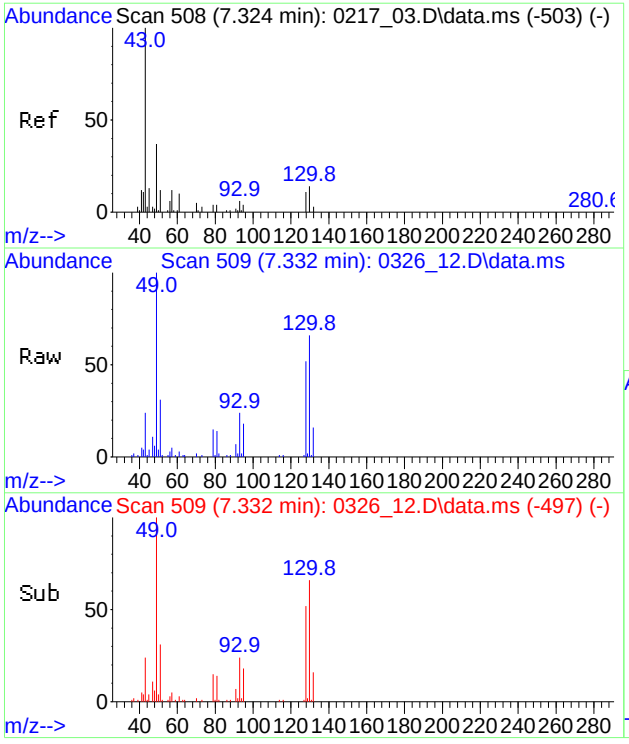


#28
Chloroform
Conc: 8$ 0.434 ppbv
RT: 7.405 min Scan# 518
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 83 Resp: 23491

Ion	Ratio	Lower	Upper
83	100		
85	67.8	46.8	86.8
47	30.3	15.4	55.4

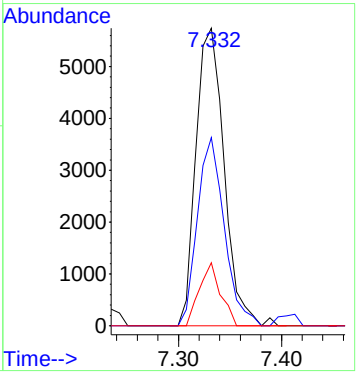


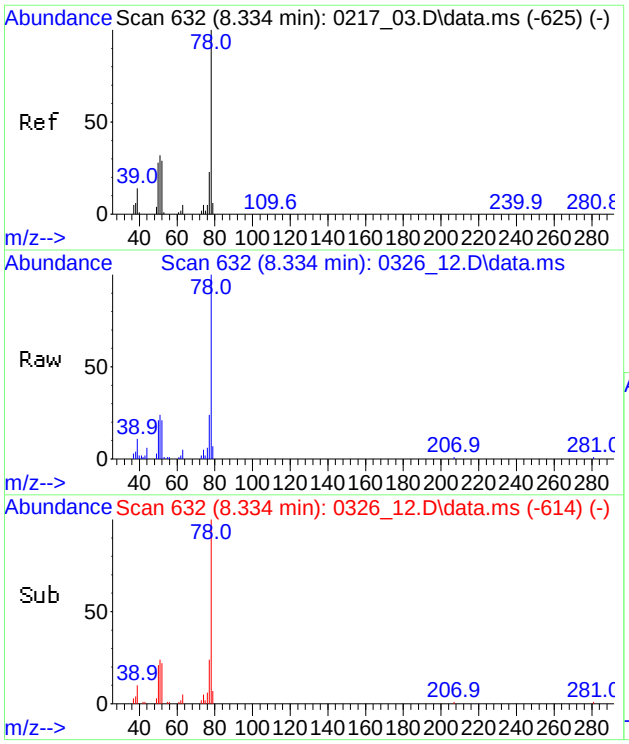


#29
Ethyl acetate
Conc: 8$ 1.054 ppbv
RT: 7.332 min Scan# 509
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 61 Resp: 10917

Ion	Ratio	Lower	Upper
61	100		
70	60.5	46.3	69.5
88	15.9	12.4	18.6

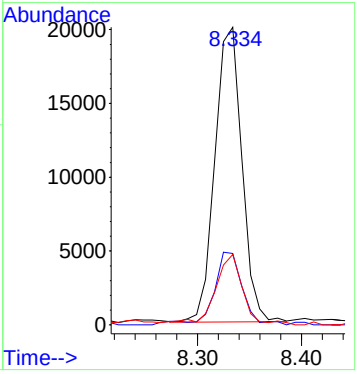


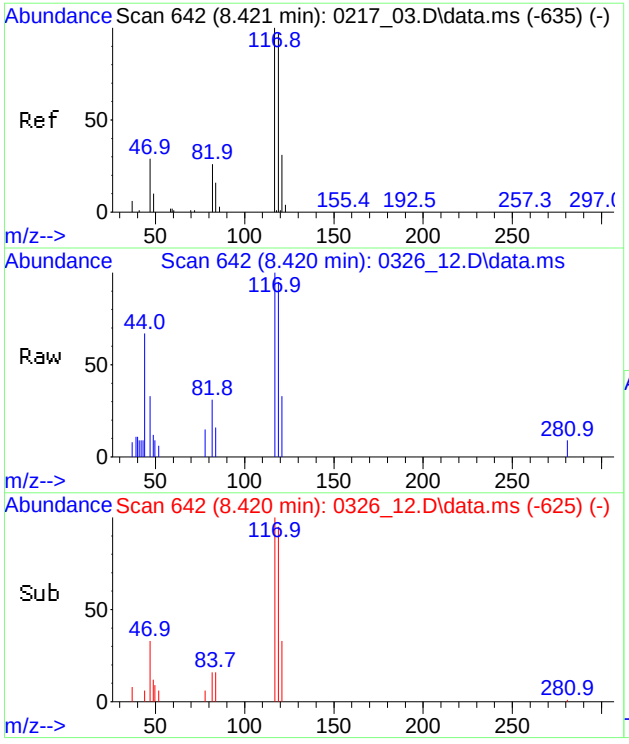


#33
Benzene
Conc: 8$ 0.473 ppbv
RT: 8.334 min Scan# 632
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 78 Resp: 35905

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3
51	24.6	23.9	35.9

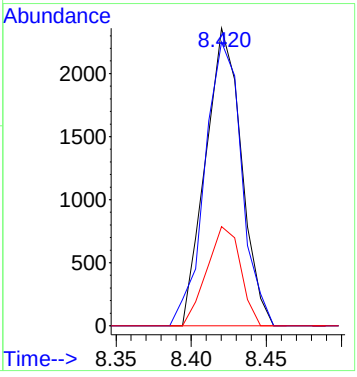


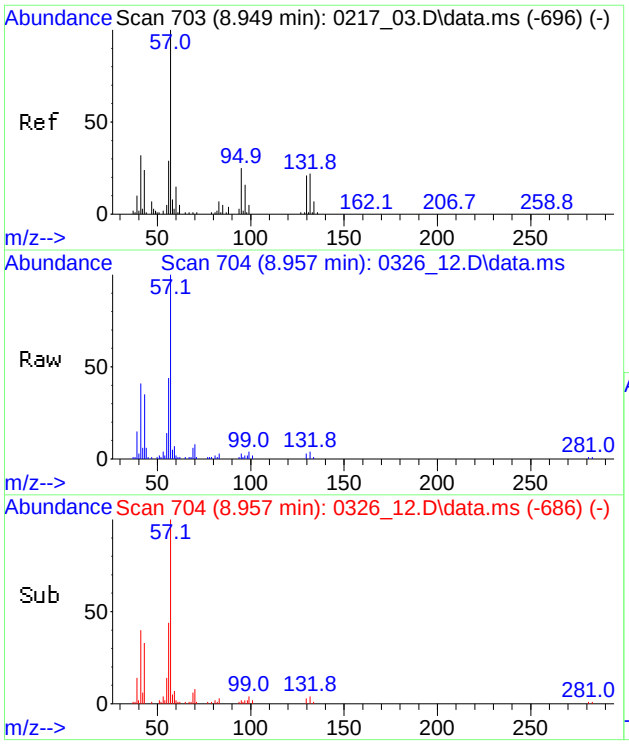


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.420 min Scan# 642
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:117 Resp: 3915

Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	115.8
121	31.4	11.5	51.5

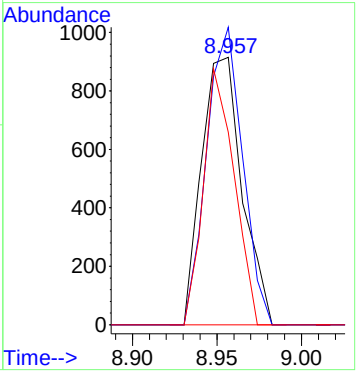


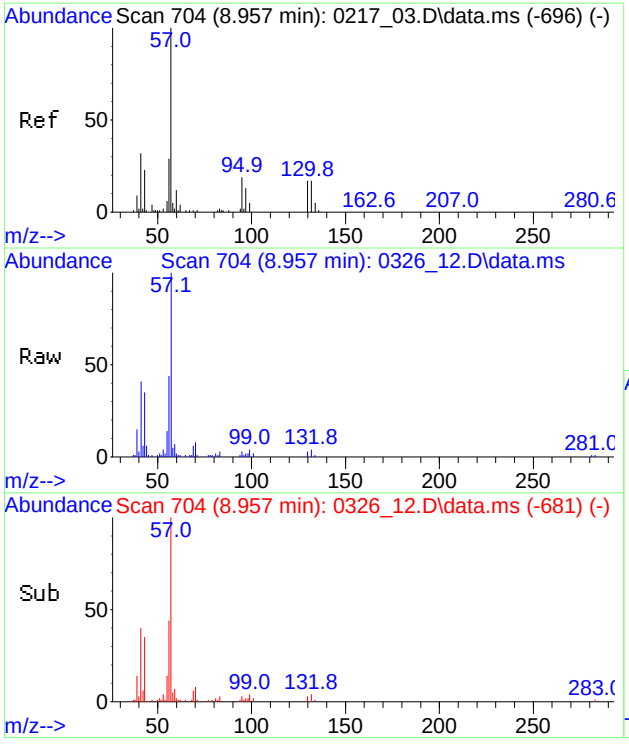


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.957 min Scan# 704
Delta R.T. 0.009 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:130 Resp: 1525

Ion	Ratio	Lower	Upper
130	100		
132	98.7	82.2	123.2
97	72.7	61.4	92.0

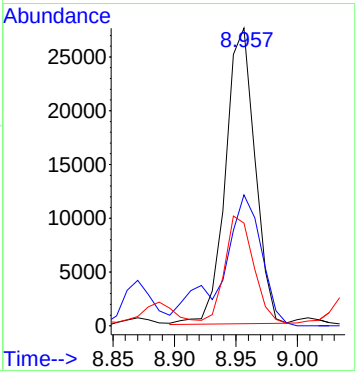


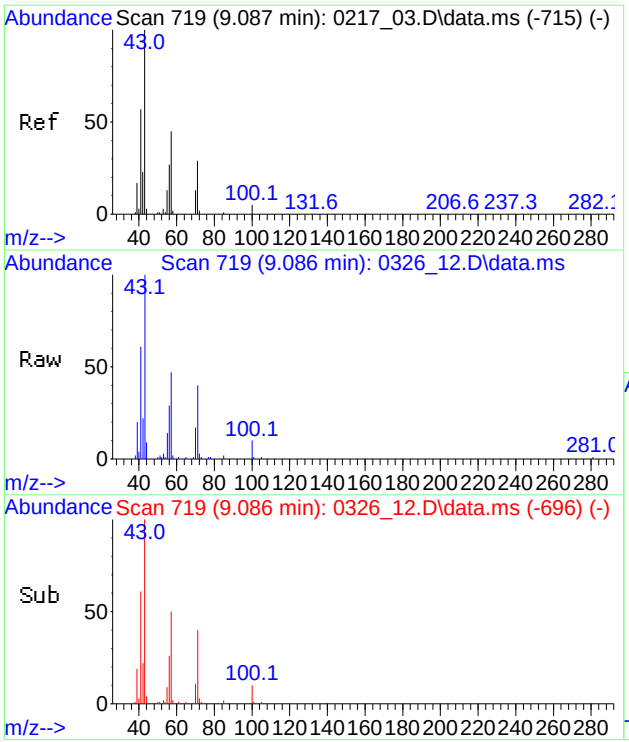


#40
2,2,4-trimethylpentane
Conc: 8$ 0.313 ppbv
RT: 8.957 min Scan# 704
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 57 Resp: 45827

Ion	Ratio	Lower	Upper
57	100		
56	61.0	24.1	36.1#
43	35.3	20.1	30.1#

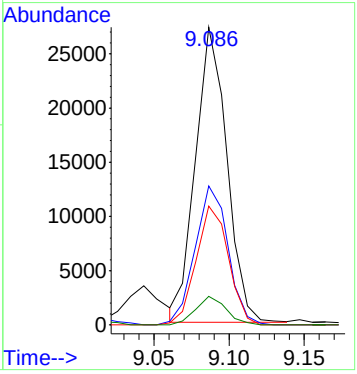


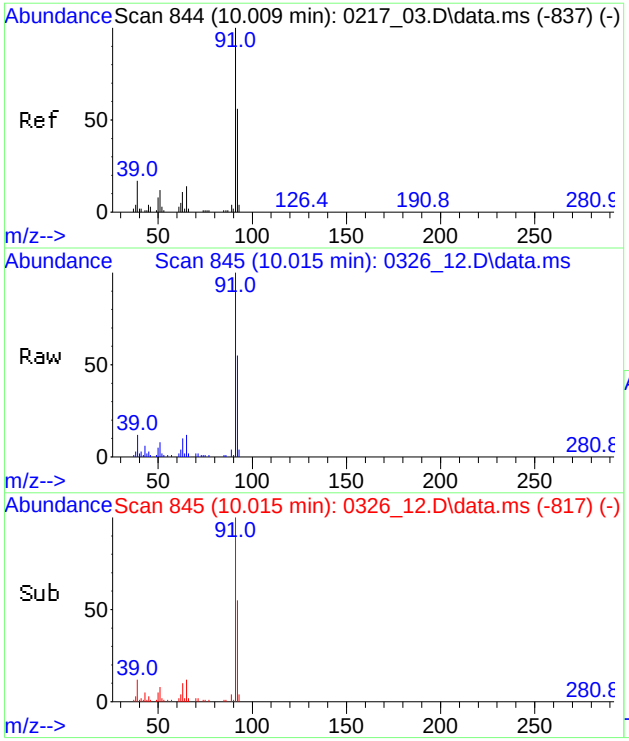


#43
Heptane
Conc: 8$ 0.666 ppbv
RT: 9.086 min Scan# 719
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 43 Resp: 39609

Ion	Ratio	Lower	Upper
43	100		
57	49.4	37.4	56.0
71	41.5	26.7	40.1#
100	9.4	4.7	7.1#

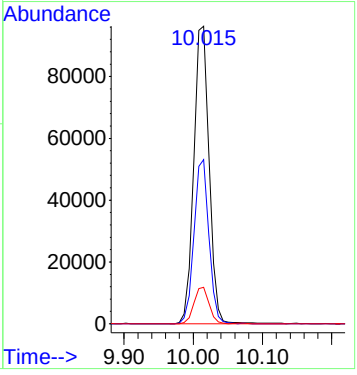


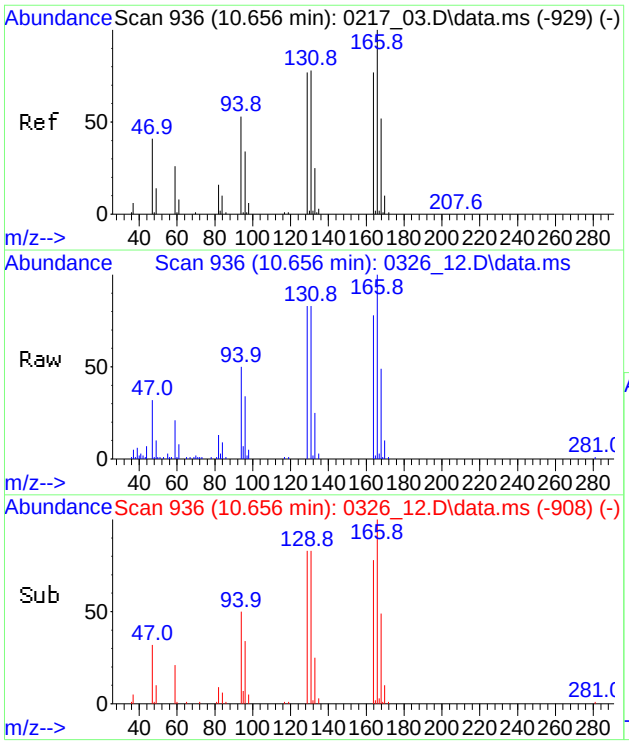


#48
Toluene
Conc: 8$ 1.555 ppbv
RT: 10.015 min Scan# 845
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 91 Resp: 148346

Ion	Ratio	Lower	Upper
91	100		
92	53.5	42.6	63.8
65	12.1	10.0	15.0

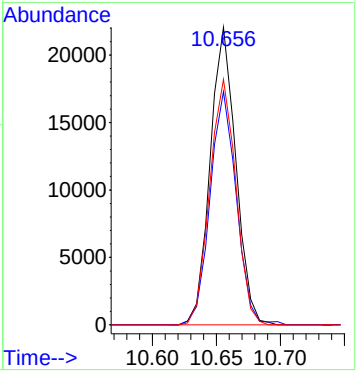


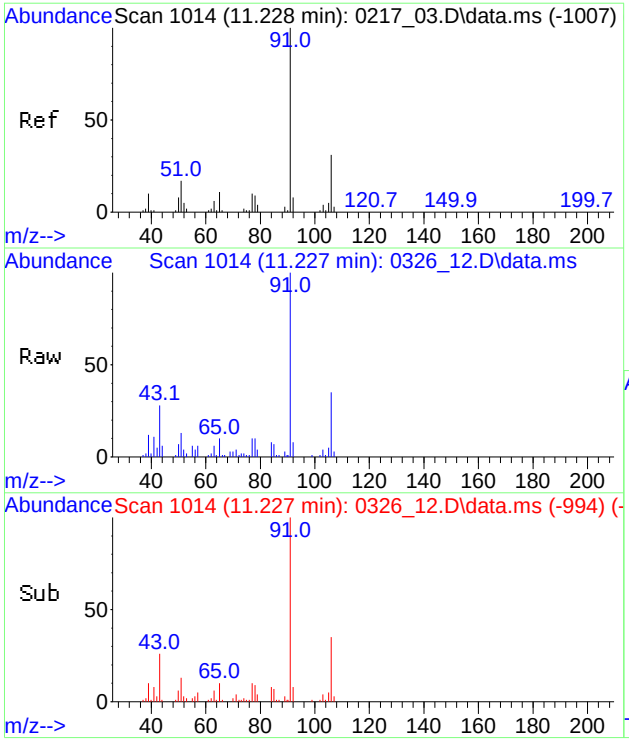


#52
Tetrachloroethene
Conc: 8$ 0.674 ppbv
RT: 10.656 min Scan# 936
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:166 Resp: 30679

Ion	Ratio	Lower	Upper
166	100		
164	79.8	61.8	92.8
129	83.9	62.3	93.5

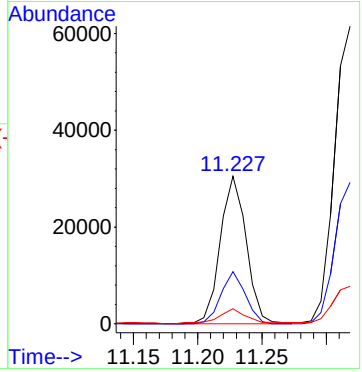


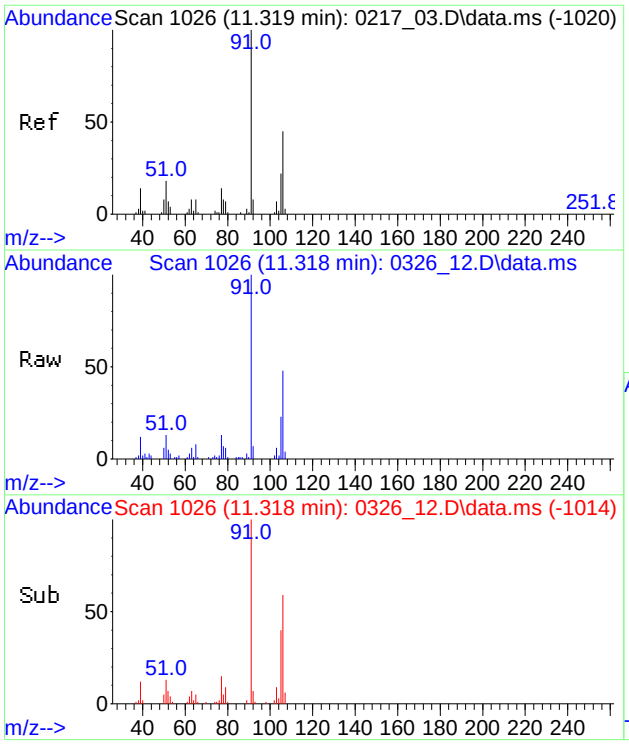


#56
Ethylbenzene
Conc: 8$ 0.361 ppbv
RT: 11.227 min Scan# 1014
Delta R.T. -0.001 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 91 Resp: 43043

Ion	Ratio	Lower	Upper
91	100		
106	33.2	9.8	49.8
77	11.9	0.0	29.5

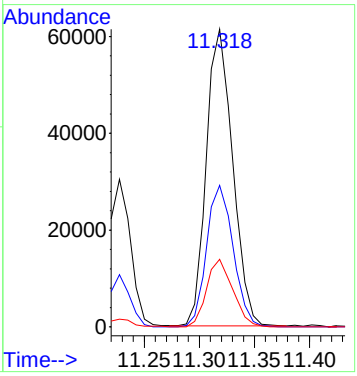


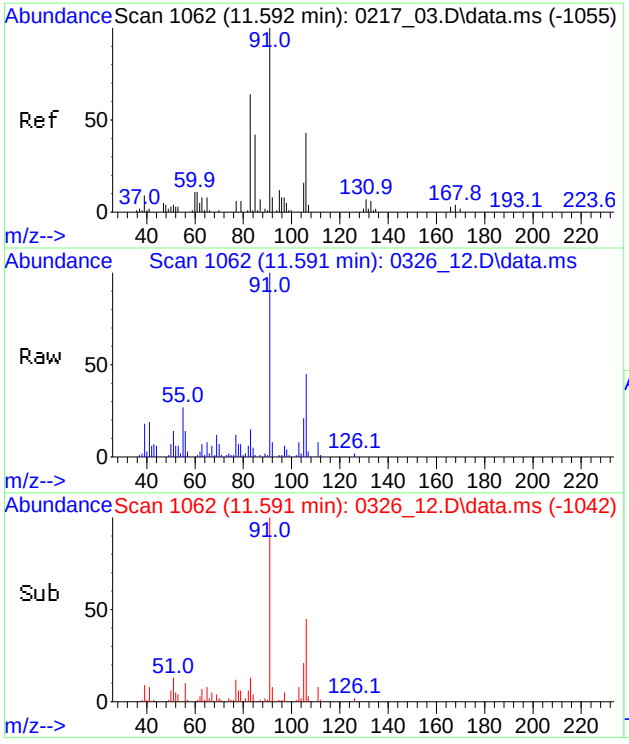


#57
m,p-Xylene
Conc: 8$ 1.122 ppbv
RT: 11.318 min Scan# 1026
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 91 Resp: 101480

Ion	Ratio	Lower	Upper
91	100		
106	48.2	36.7	55.1
105	22.7	19.2	28.8

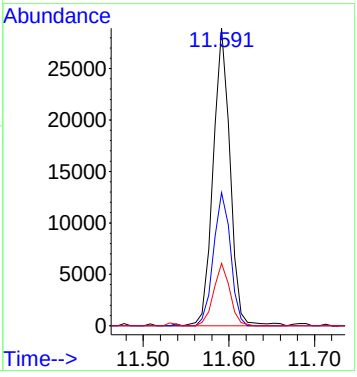


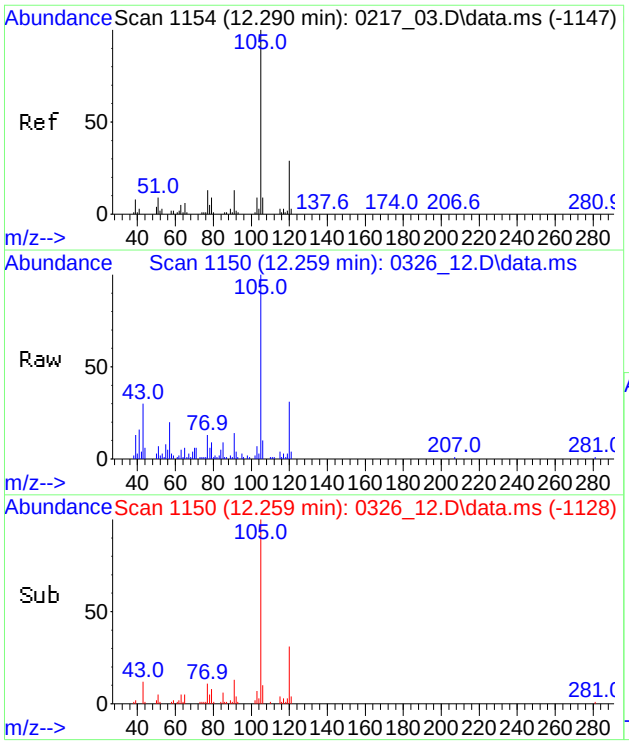


#61
o-Xylene
Conc: 8$ 0.408 ppbv
RT: 11.591 min Scan# 1062
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 91 Resp: 39603

Ion	Ratio	Lower	Upper
91	100		
106	45.0	34.5	51.7
105	20.3	17.1	25.7

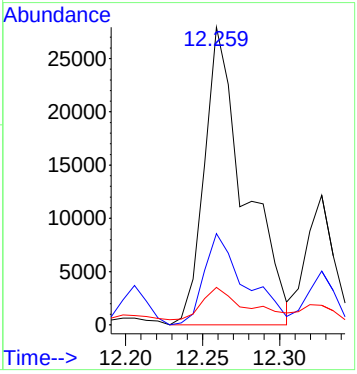


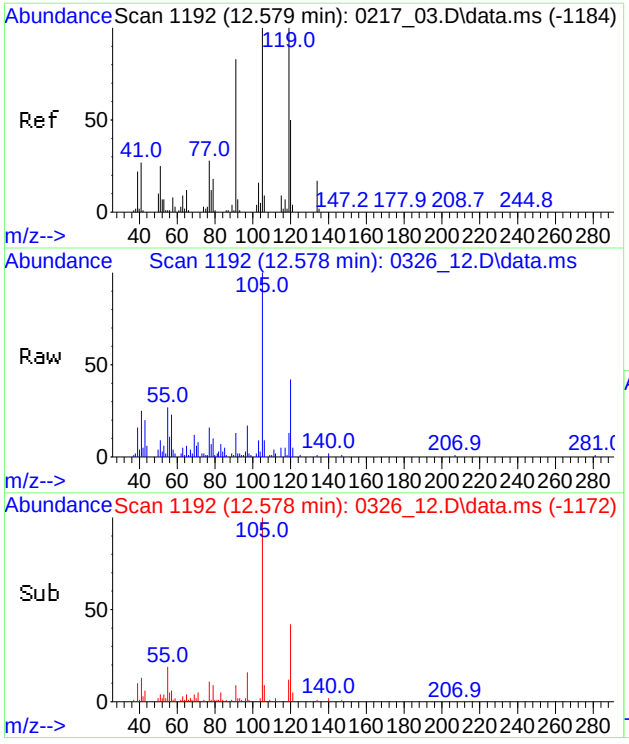


#65
4-Ethyltoluene
Conc: 8$ 0.389 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:105 Resp: 51243

Ion	Ratio	Lower	Upper
105	100		
120	31.4	22.9	34.3
77	13.3	10.1	15.1

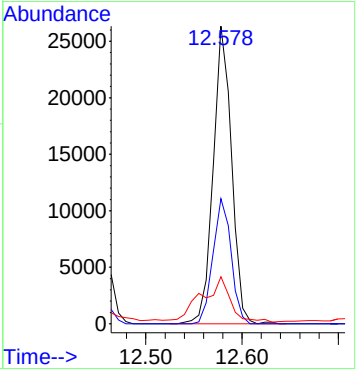


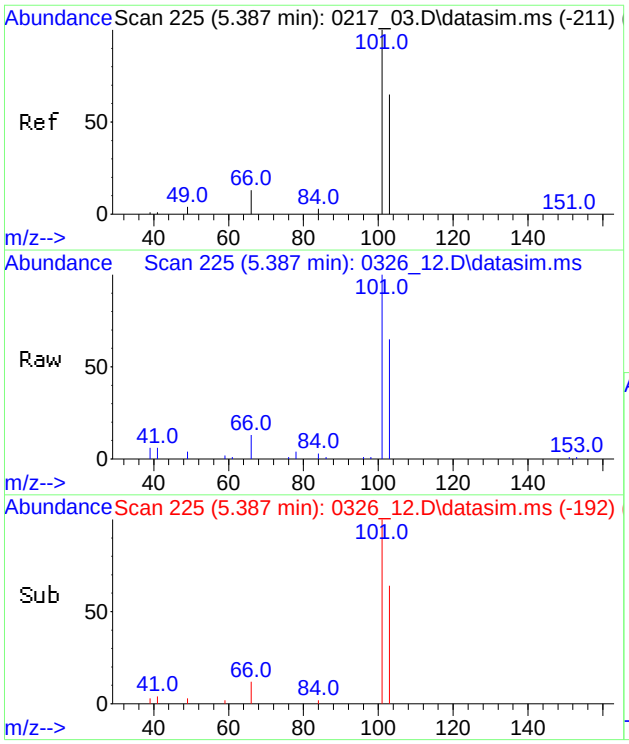


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.315 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:105 Resp: 34991

Ion	Ratio	Lower	Upper
105	100		
120	41.6	39.4	59.2
77	22.9	22.4	33.6

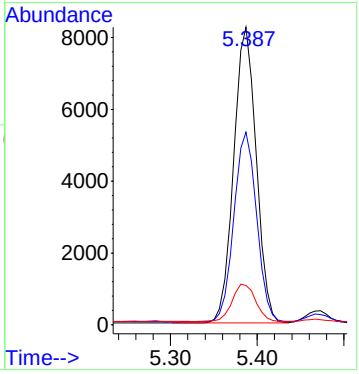


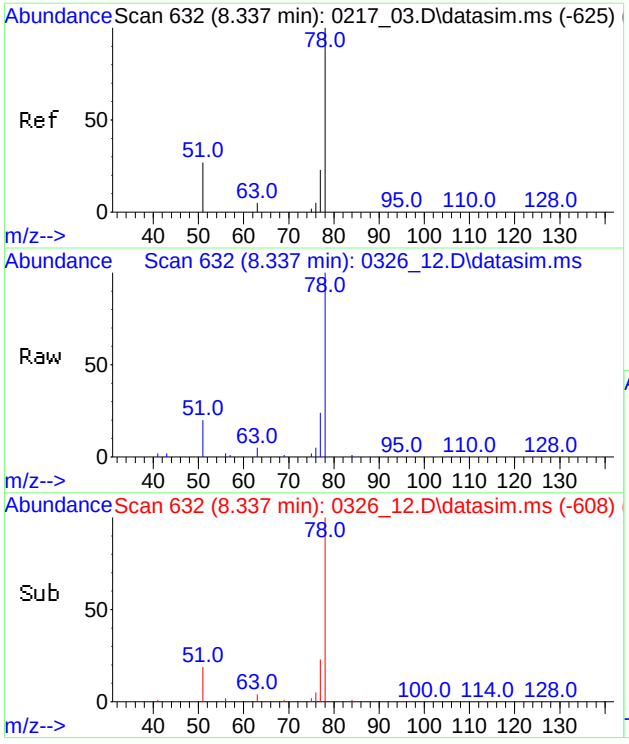


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.201 ppbv
RT: 5.387 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:101 Resp: 14899

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6
66	13.3	13.2	13.2#

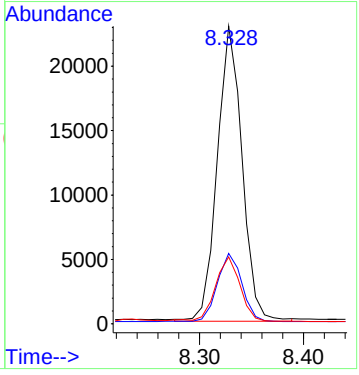


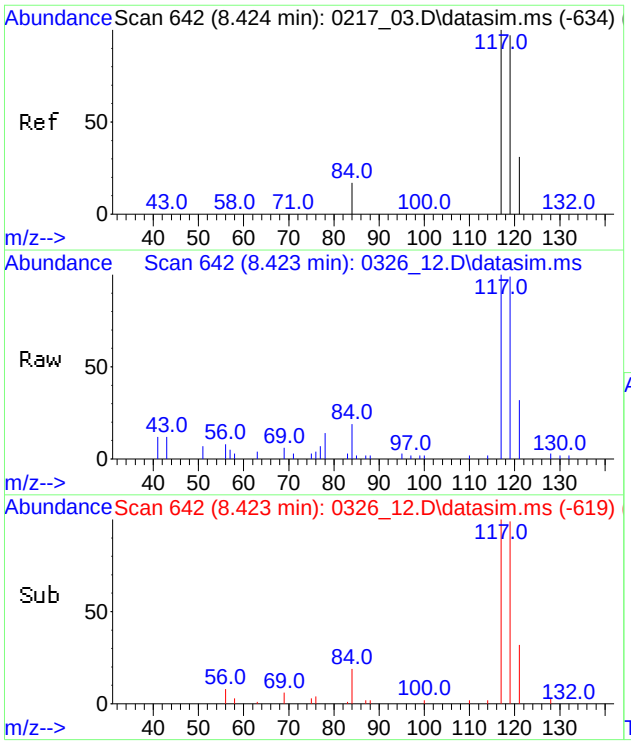


#85
Benzene(sim)
Conc: 8$ 0.377 ppbv
RT: 8.334 min Scan# 632
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 78 Resp: 35847

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3
51	24.7	23.9	35.9

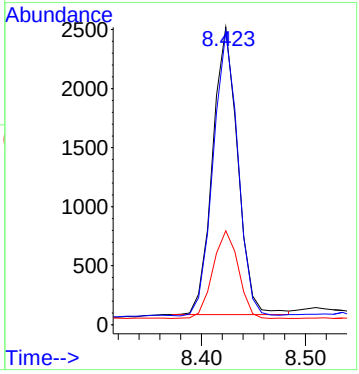


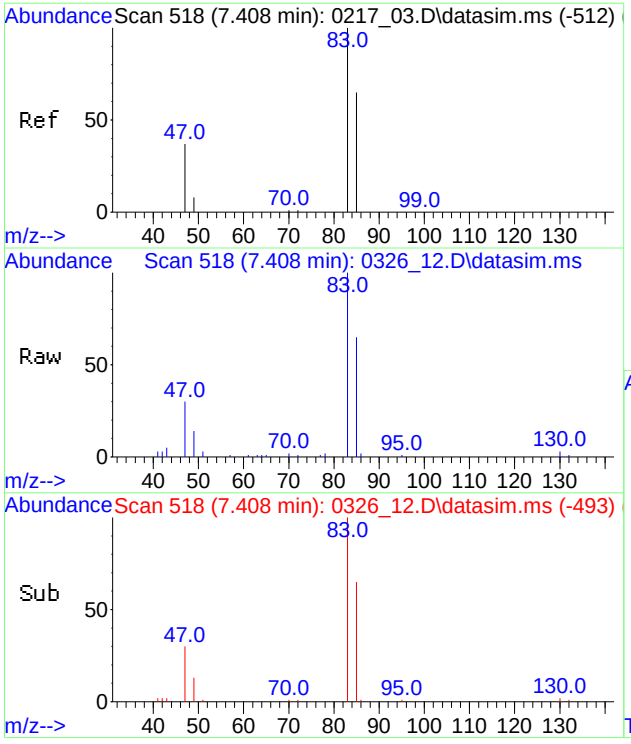


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.063 ppbv
RT: 8.423 min Scan# 642
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:117 Resp: 4078

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.2	115.8
121	30.9	24.4	36.6

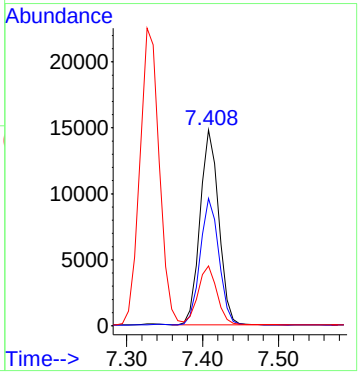


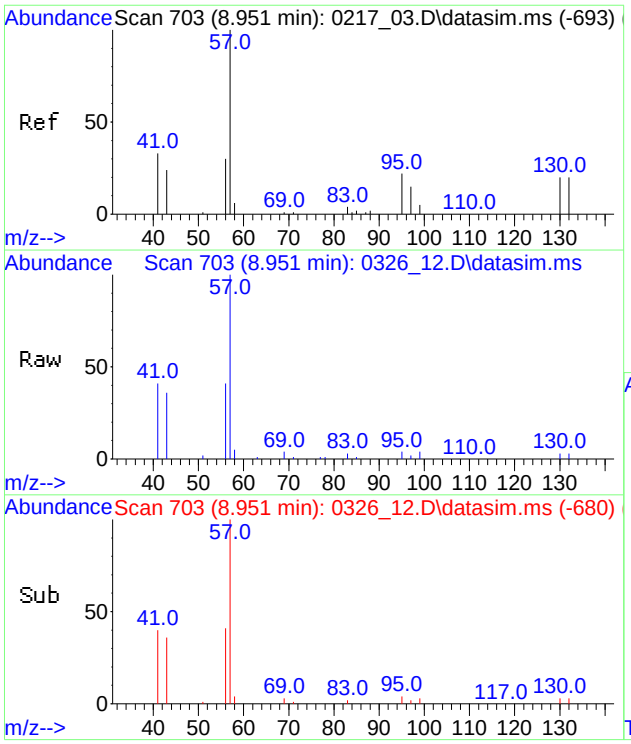


#92
Chloroform(sim)
Conc: 8$ 0.400 ppbv
RT: 7.408 min Scan# 518
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 83 Resp: 25443

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4
47	30.2	28.2	42.2

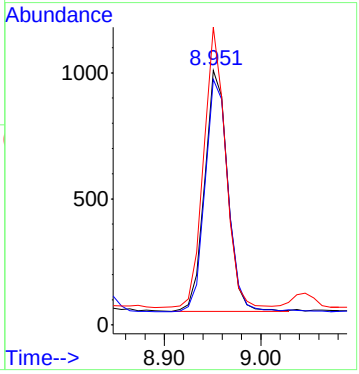


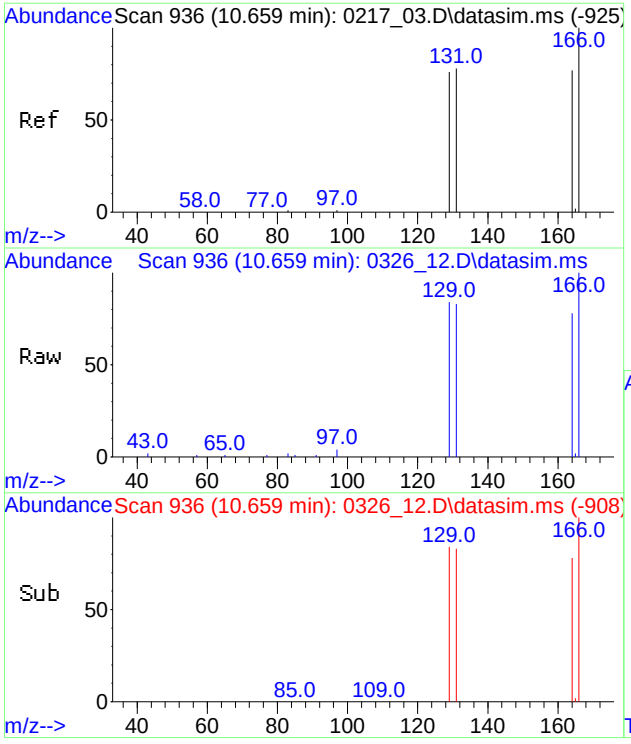


#96
Trichloroethene(sim)
Conc: 8$ 0.042 ppbv
RT: 8.951 min Scan# 703
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:130 Resp: 1577

Ion	Ratio	Lower	Upper
130	100		
132	97.8	81.0	121.4
95	110.4	89.4	134.2

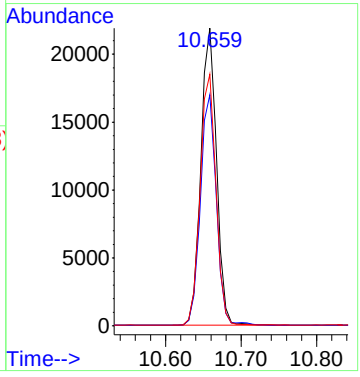


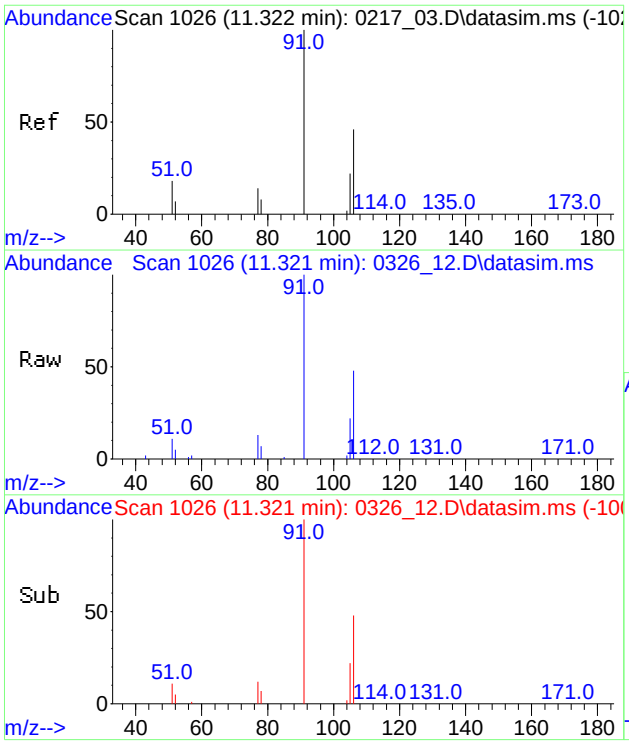


#102
Tetrachloroethene(sim)
Conc: 8$ 0.656 ppbv
RT: 10.659 min Scan# 936
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:166 Resp: 31325

Ion	Ratio	Lower	Upper
166	100		
164	78.9	58.6	98.6
129	85.3	57.2	97.2

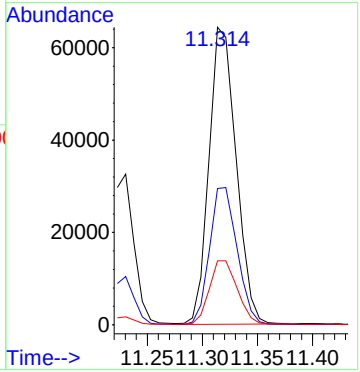


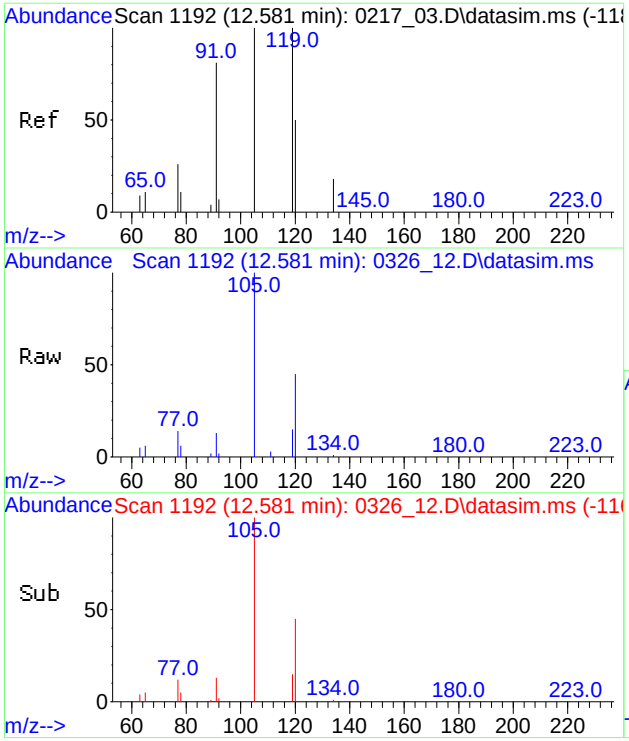


#105
m,p-Xylene(sim)
Conc: 8$ 1.026 ppbv
RT: 11.318 min Scan# 1026
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion: 91 Resp: 101865

Ion	Ratio	Lower	Upper
91	100		
106	48.0	41.0	50.1
105	22.6	19.1	28.7

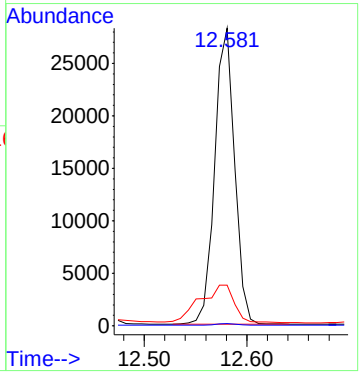




#110
sec-Butylbenzene(sim)
Conc: 8$ 0.289 ppbv
RT: 12.581 min Scan# 1192
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 9:55 pm

Tgt Ion:105 Resp: 38030

Ion	Ratio	Lower	Upper
105	100		
134	0.6	0.0	38.0
77	21.8	7.1	47.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-16

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91401

Canister: 483 Lab File ID: 0326_13.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.491		0.202	0.202	r
74-87-3	Chloromethane	0.610		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	40.4	ES	0.531	0.531	r
67-64-1	Acetone	5.98	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.43	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	5.08		0.339	0.339	r
110-54-3	Hexane	0.768	S	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
71-43-2	Benzene	0.518		0.313	0.313	r
110-82-7	Cyclohexane	0.688		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.334		0.215	0.215	r
142-82-5	Heptane	1.27		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	1.88		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.906		0.037	0.037	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
100-41-4	Ethylbenzene	0.610		0.230	0.230	r
179601-23-1	m,p-Xylene	1.89		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.705		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.866		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.304		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.803		0.204	0.204	r
135-98-8	sec-Butylbenzene	0.182	U	0.182	0.182	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

IA25-16

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91401

Canister: 483 Lab File ID: 0326_13.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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)	0.192		0.178	0.178	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
56-23-5	Carbon Tetrachloride(sim)	0.066		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_13.D
Acq On : 26 Mar 2025 10:35 pm
Operator :
Client ID : IA25-16
Lab ID : CS91401
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 27 05:56:35 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

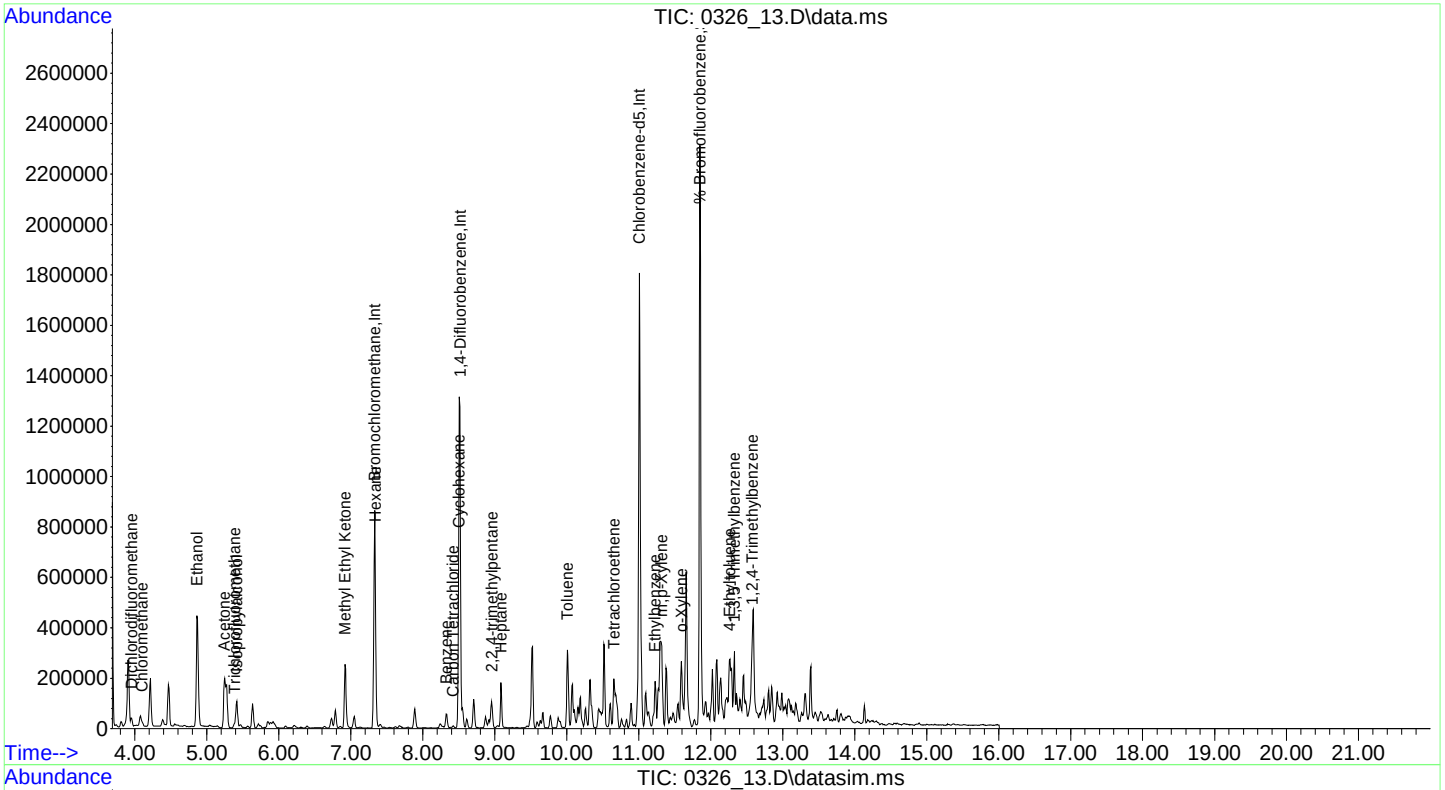
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	234548	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	872424	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	476744	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	237513	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	872424	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	476744	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	615056	9.976	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.80%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.956	85	30742	0.491	ppbv		97
4) Chloromethane	4.102	50	16195	0.610	ppbv		91
11) Ethanol	4.864	45	523412	40.439	ppbv#		93
12) Acetone	5.243	43	283770	5.978	ppbv		95
13) Trichlorofluoromethane	5.384	101	13031	0.198	ppbv		97
14) Isopropylalcohol	5.415	45	125096	2.425	ppbv		97
25) Methyl Ethyl Ketone	6.918	43	301129	5.080	ppbv#		92
27) Hexane	7.340	57	34822	0.768	ppbv#		94
33) Benzene	8.326	78	38800	0.518	ppbv#		91
34) Carbon Tetrachloride	8.421	117	4016	0.069	ppbv		98
35) Cyclohexane	8.499	84	19980m	0.688	ppbv#		89
40) 2,2,4-trimethylpentane	8.957	57	48129	0.334	ppbv#		45
43) Heptane	9.087	43	74354	1.272	ppbv#		94
48) Toluene	10.009	91	176527	1.883	ppbv		99
52) Tetrachloroethene	10.656	166	40490	0.906	ppbv		94
56) Ethylbenzene	11.228	91	74900	0.610	ppbv		98
57) m,p-Xylene	11.319	91	175631	1.885	ppbv		97
61) o-Xylene	11.592	91	70499	0.705	ppbv		97
65) 4-Ethyltoluene	12.259	105	117369	0.866	ppbv		94
66) 1,3,5-Trimethylbenzene	12.328	105	33493	0.304	ppbv		97
67) 1,2,4-Trimethylbenzene	12.578	105	91702	0.803	ppbv#		87
82] Trichlorofluoromethane...	5.387	101	14080	0.192	ppbv#		100
85] Benzene(sim)	8.326	78	38737	0.413	ppbv#		91
86] Carbon Tetrachloride(sim)	8.424	117	4176	0.066	ppbv		98
102] Tetrachloroethene(sim)	10.659	166	41133	0.876	ppbv		95
105] m,p-Xylene(sim)	11.319	91	177086	1.732	ppbv		97
110] sec-Butylbenzene(sim)	12.581	105	98358	0.726	ppbv		71

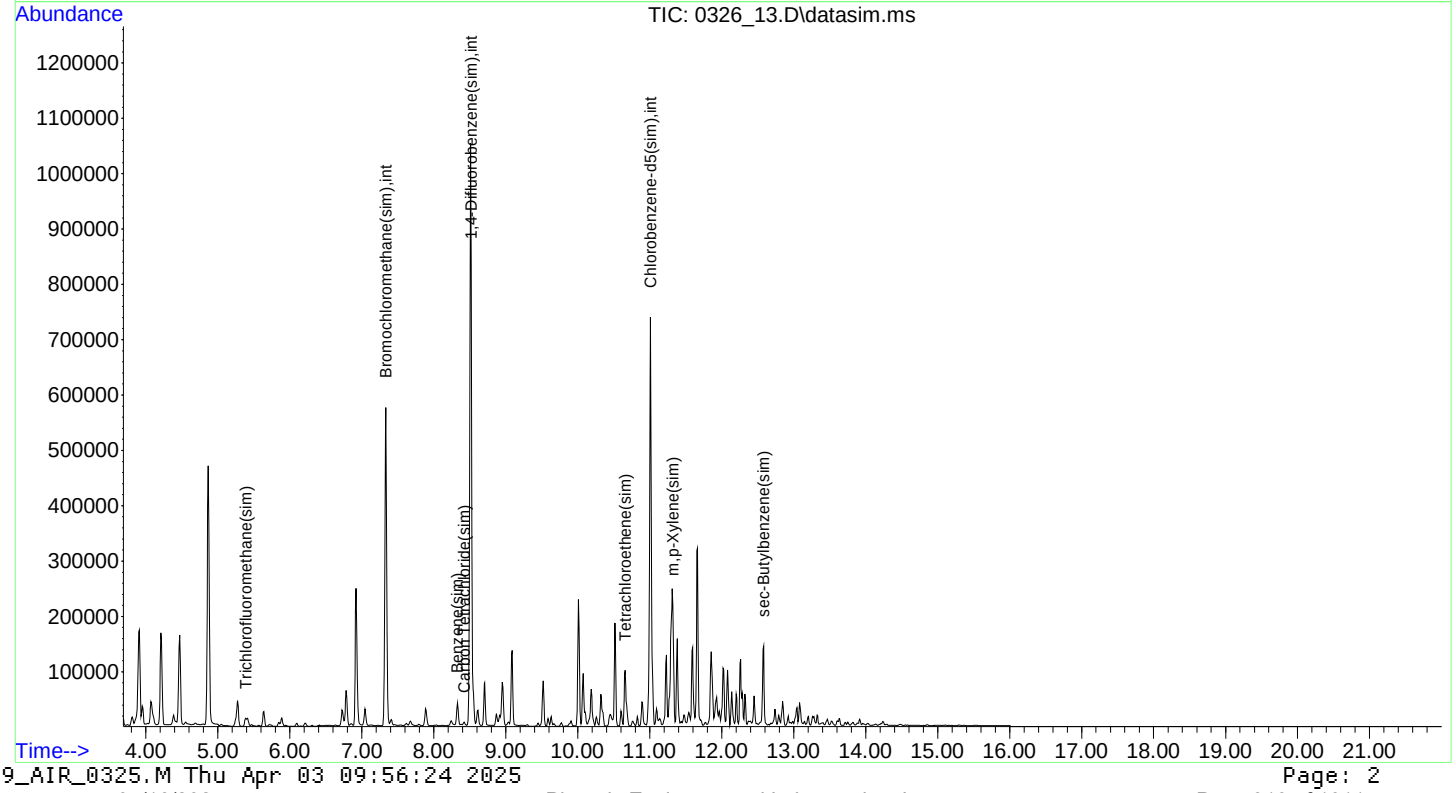
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

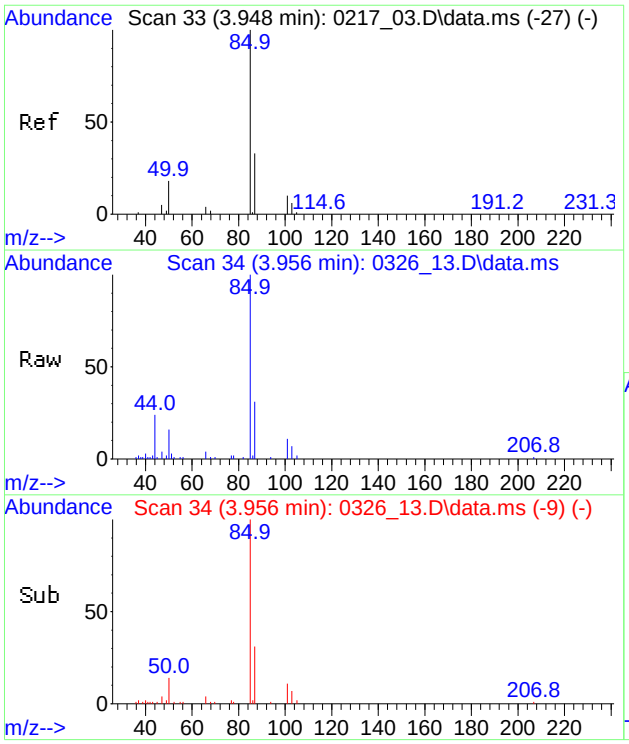
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_13.D
Acq On : 26 Mar 2025 10:35 pm
Operator :
Client ID : IA25-16
Lab ID : CS91401
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 27 05:56:35 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



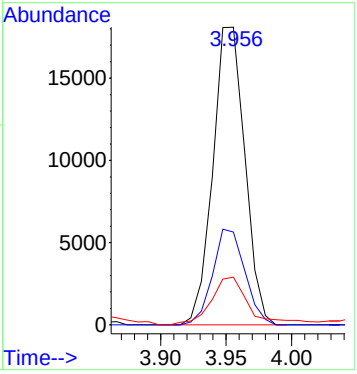


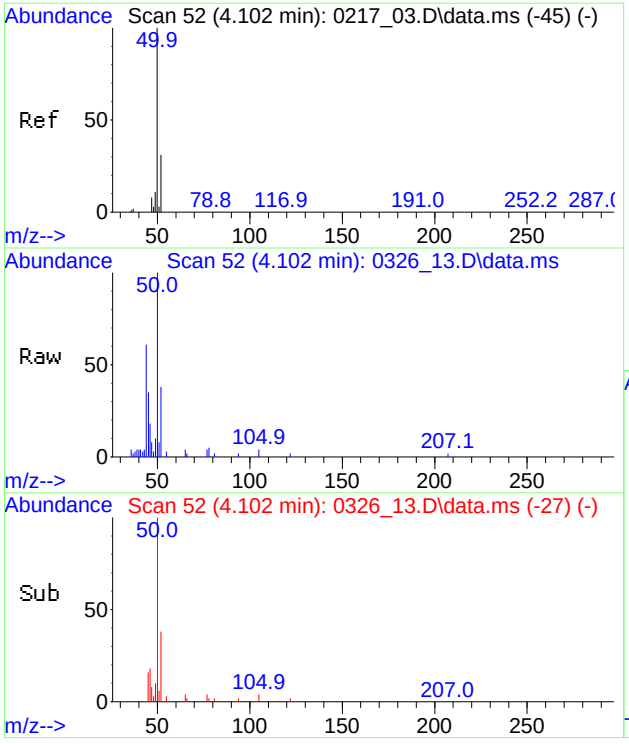


#3
Dichlorodifluoromethane
Conc: 8$ 0.491 ppbv
RT: 3.956 min Scan# 34
Delta R.T. -0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 85 Resp: 30742

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.4	38.2
50	19.2	13.1	19.7

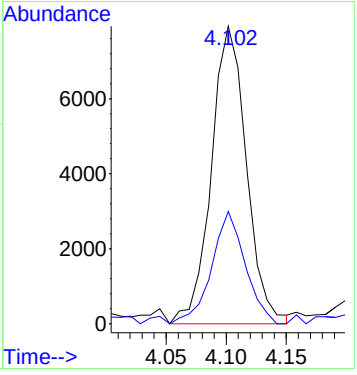


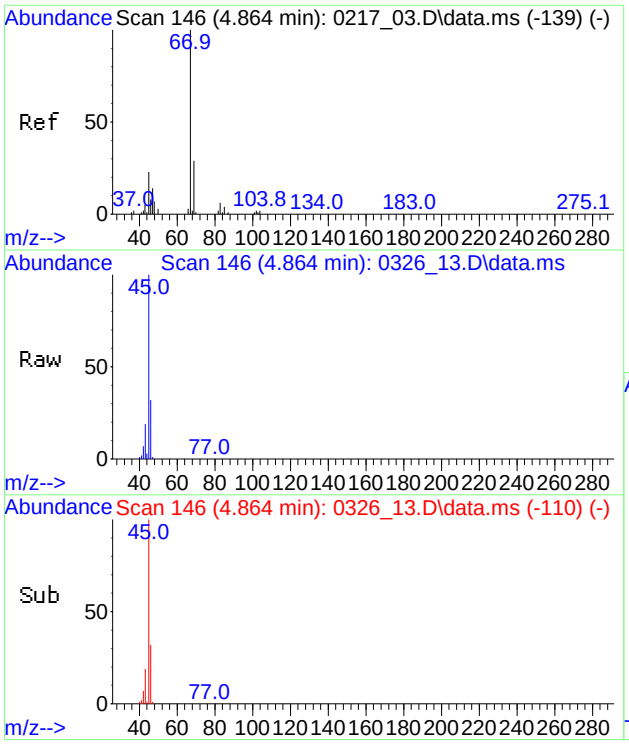


#4
Chloromethane
Conc: 8$ 0.610 ppbv
RT: 4.102 min Scan# 52
Delta R.T. -0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 50 Resp: 16195

Ion	Ratio	Lower	Upper
50	100		
52	36.1	11.0	51.0

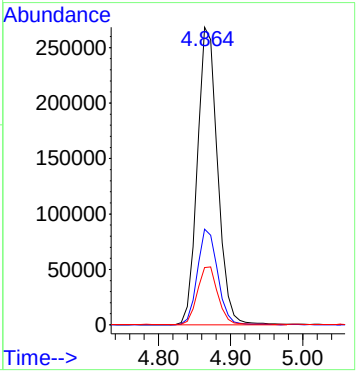


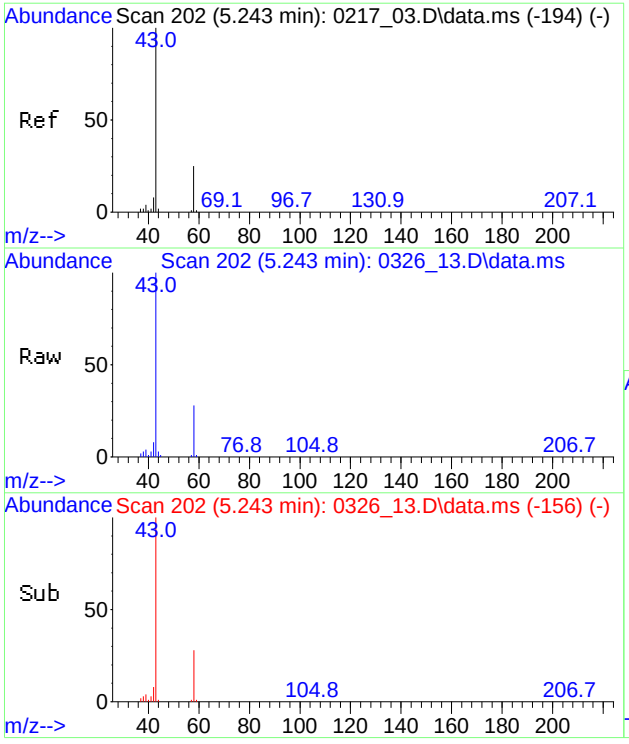


#11
Ethanol
Conc: 8$ 40.439 ppbv
RT: 4.864 min Scan# 146
Delta R.T. -0.008 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 45 Resp: 523412

Ion	Ratio	Lower	Upper
45	100		
46	32.1	25.4	38.0
43	19.6	21.2	31.8#

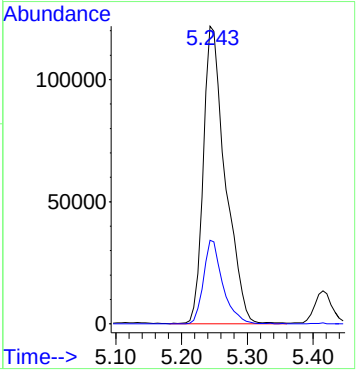


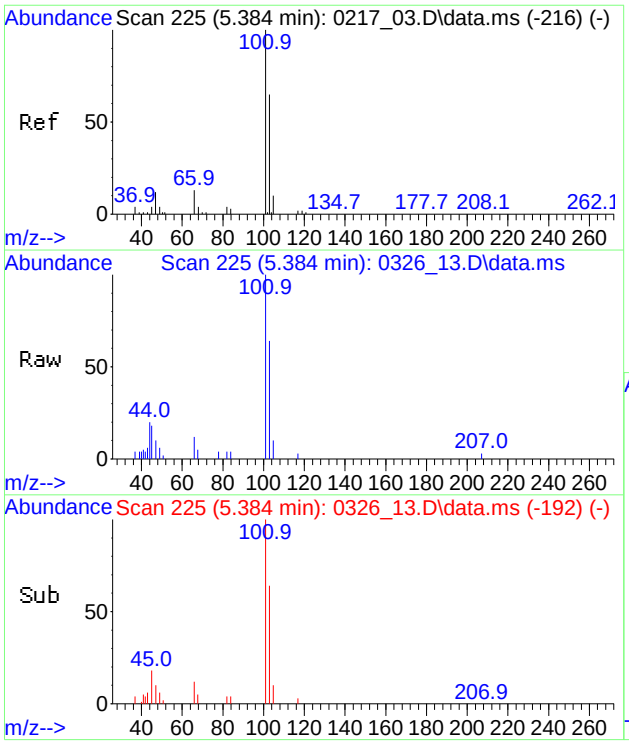


#12
Acetone
Conc: 8$ 5.978 ppbv
RT: 5.243 min Scan# 202
Delta R.T. -0.006 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 43 Resp: 283770

Ion	Ratio	Lower	Upper
43	100		
58	24.6	21.8	32.6

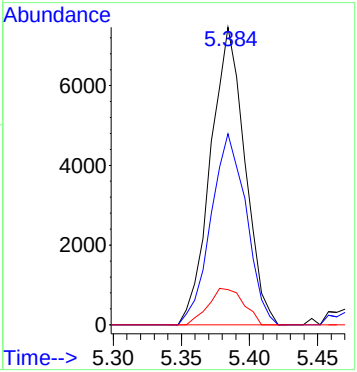


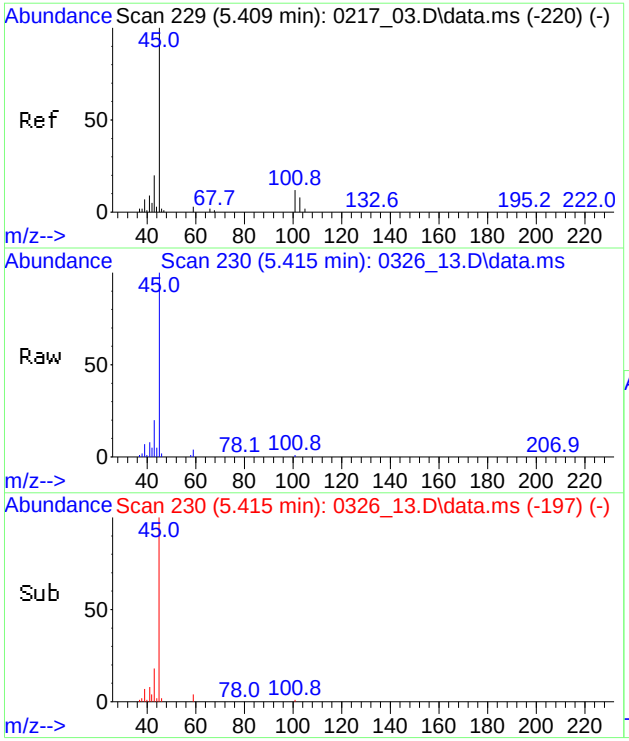


#13
Trichlorofluoromethane
Conc: 8$ 0.198 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:101 Resp: 13031

Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.3	76.9
66	12.7	10.7	16.1

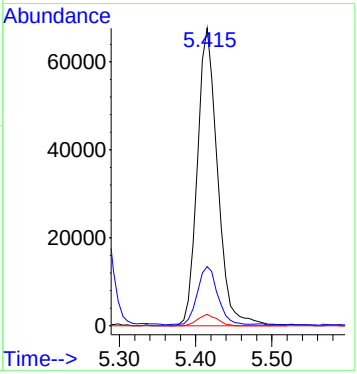


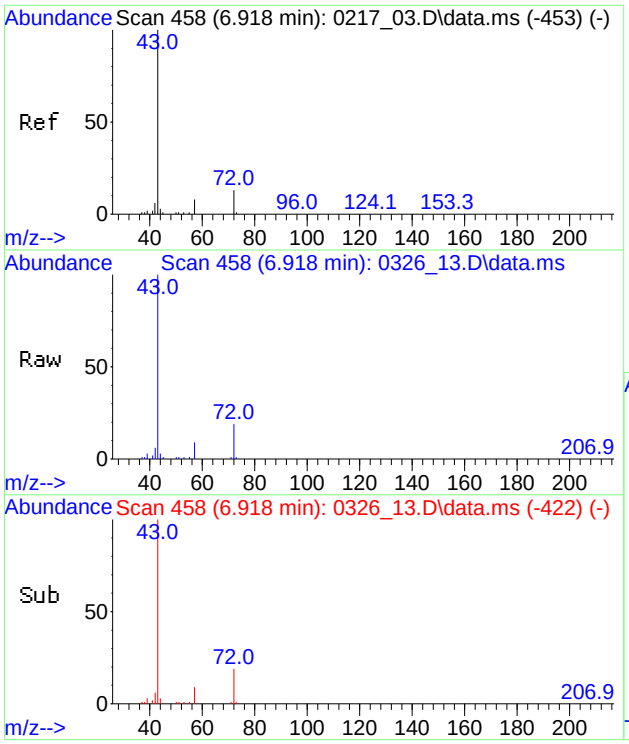


#14
Isopropylalcohol
Conc: 8$ 2.425 ppbv
RT: 5.415 min Scan# 230
Delta R.T. -0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 45 Resp: 125096

Ion	Ratio	Lower	Upper
45	100		
43	19.4	16.8	25.2
59	3.7	2.8	4.2

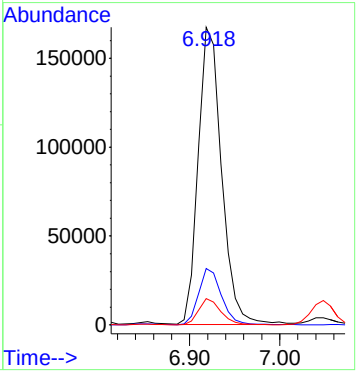


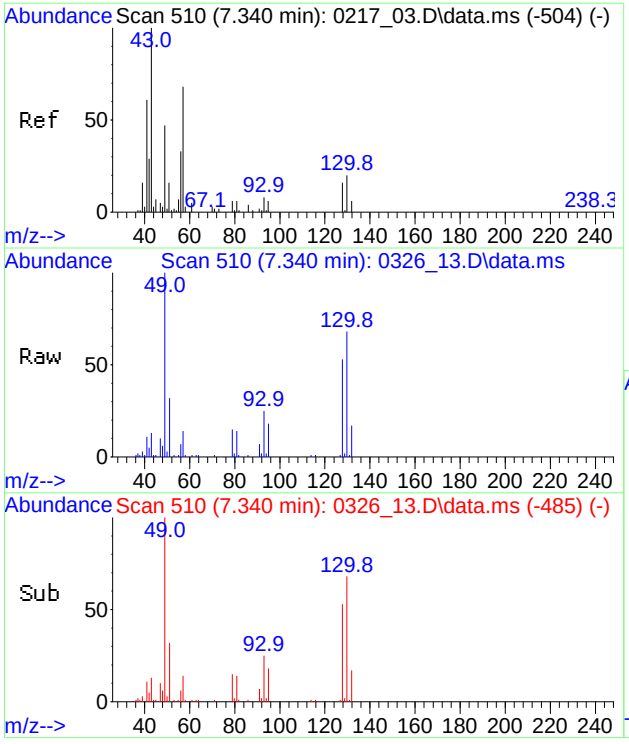


#25
Methyl Ethyl Ketone
Conc: 8$ 5.080 ppbv
RT: 6.918 min Scan# 458
Delta R.T. -0.008 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 43 Resp: 301129

Ion	Ratio	Lower	Upper
43	100		
72	18.6	11.6	17.4#
57	8.5	6.0	9.0

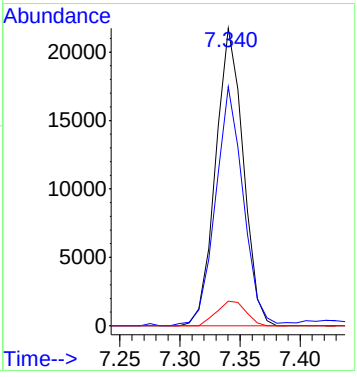


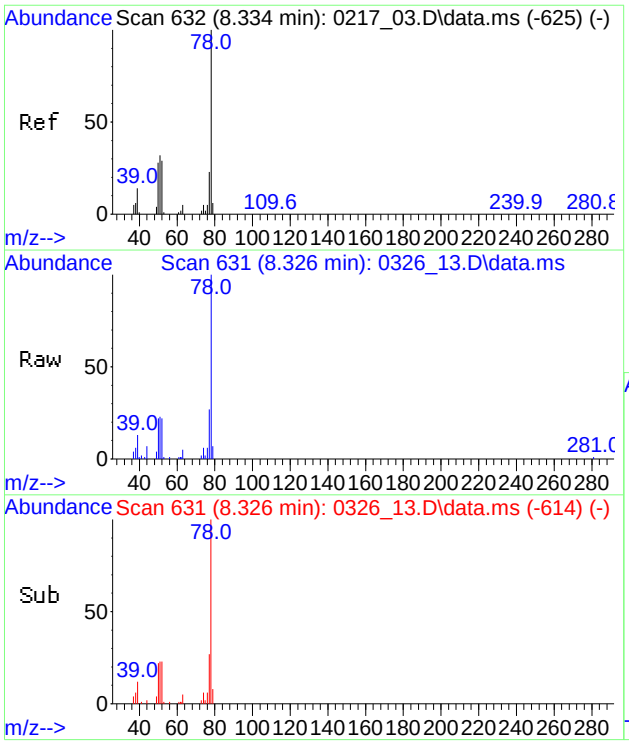


#27
Hexane
Conc: 8$ 0.768 ppbv
RT: 7.340 min Scan# 510
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 57 Resp: 34822

Ion	Ratio	Lower	Upper
57	100		
41	81.2	69.8	104.8
86	8.8	5.8	8.6#

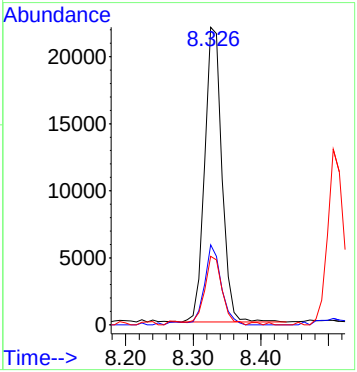


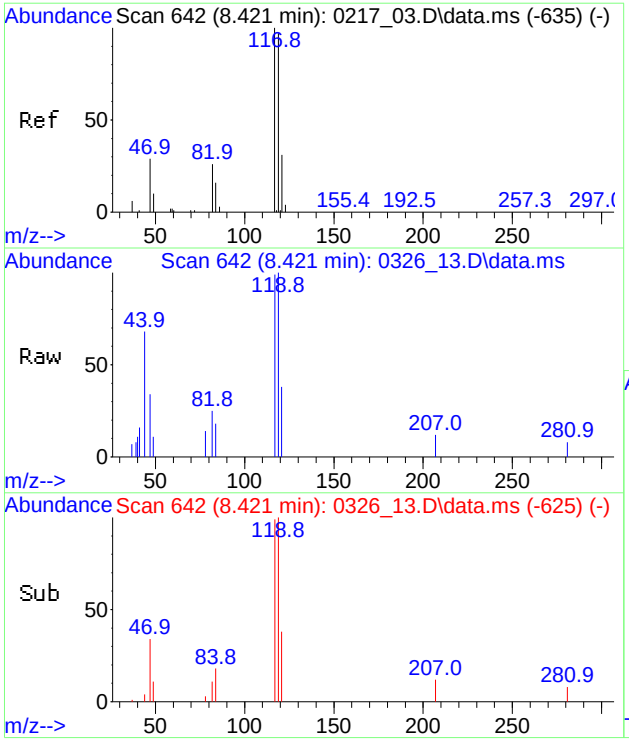


#33
Benzene
Conc: 8$ 0.518 ppbv
RT: 8.326 min Scan# 631
Delta R.T. -0.008 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 78 Resp: 38800

Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.9	28.3
51	23.6	23.9	35.9#

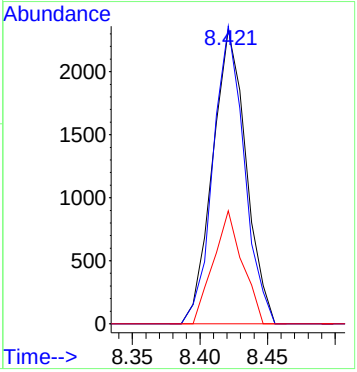


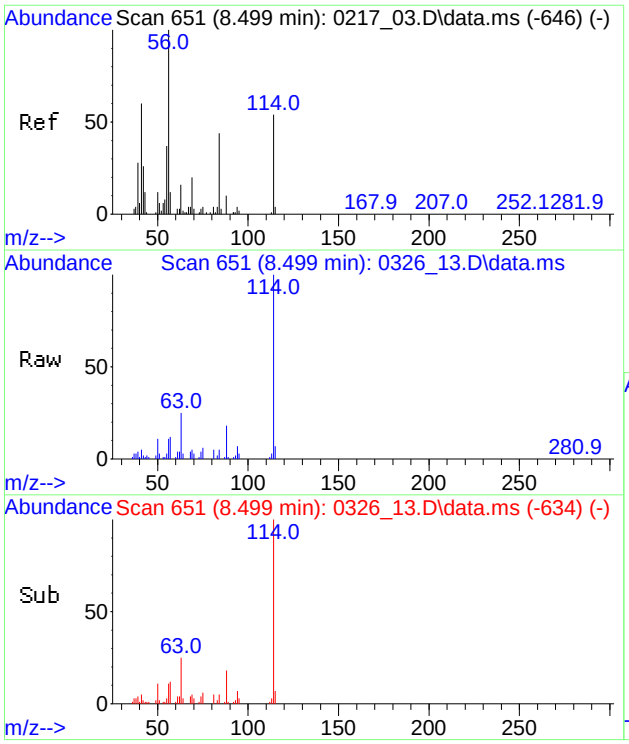


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.421 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:117 Resp: 4016

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	115.8
121	33.4	11.5	51.5

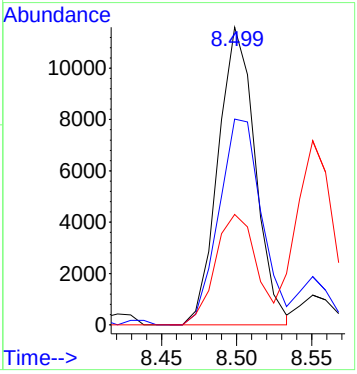


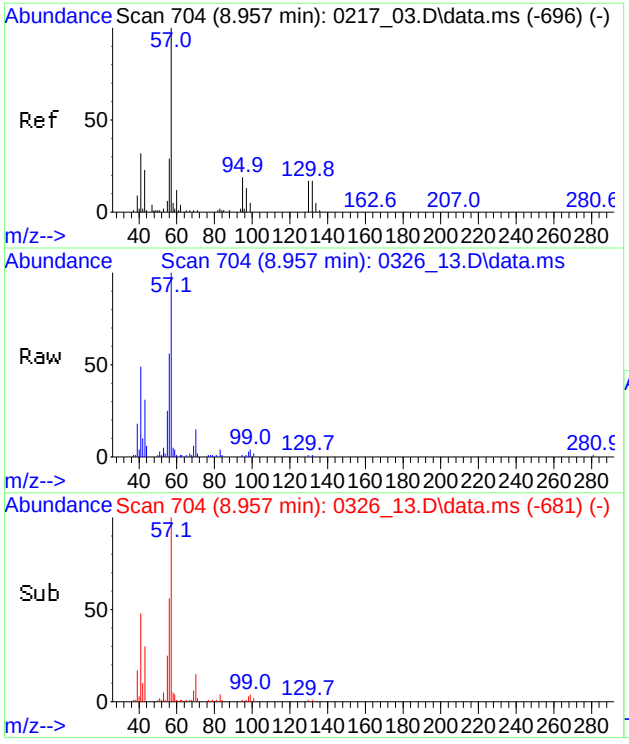


#35
Cyclohexane
Conc: 8$ 0.688 ppbv
RT: 8.499 min Scan# 651
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 84 Resp: 19980

Ion	Ratio	Lower	Upper
84	100		
55	79.5	69.5	104.3
42	41.4	41.7	62.5#

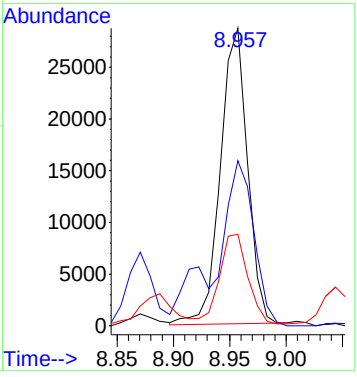


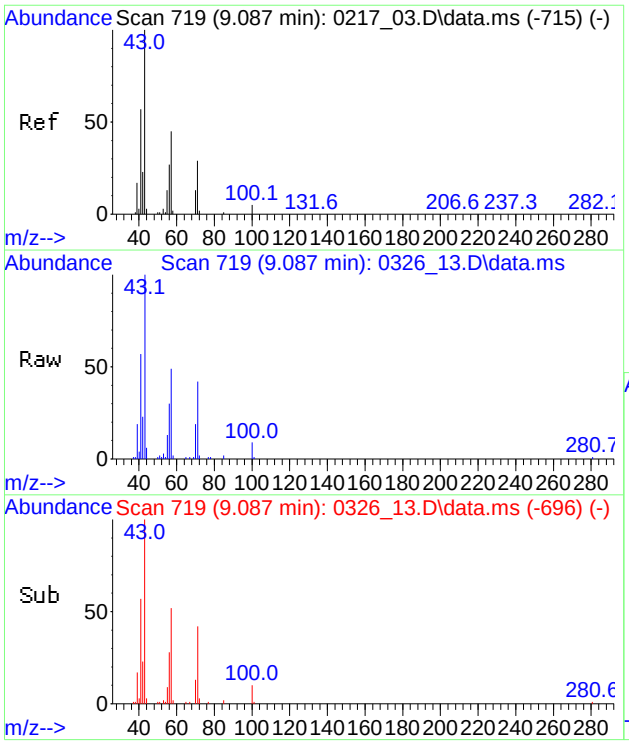


#40
2,2,4-trimethylpentane
Conc: 8$ 0.334 ppbv
RT: 8.957 min Scan# 704
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 57 Resp: 48129

Ion	Ratio	Lower	Upper
57	100		
56	78.5	24.1	36.1#
43	32.3	20.1	30.1#

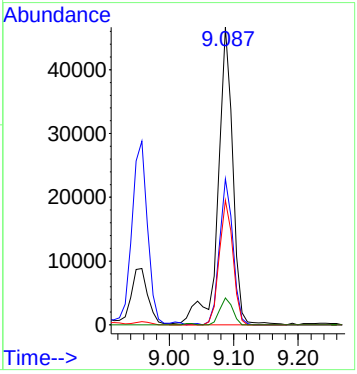


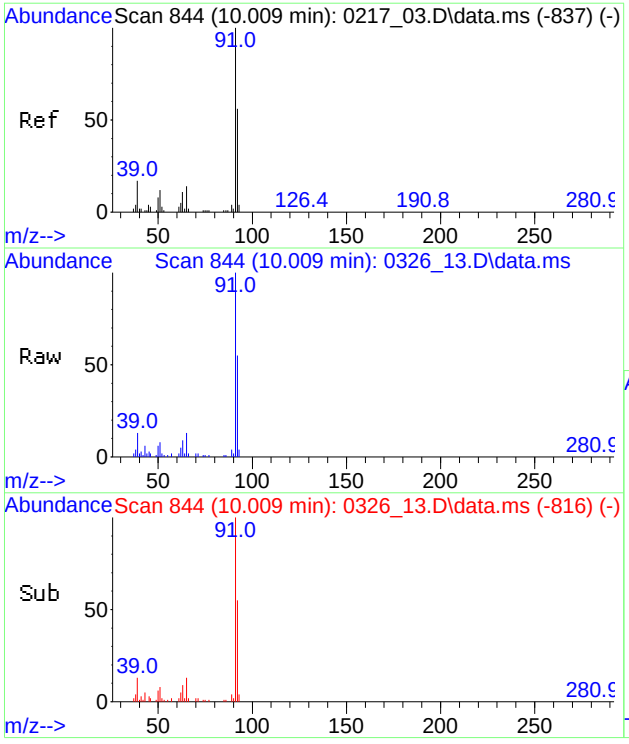


#43
Heptane
Conc: 8$ 1.272 ppbv
RT: 9.087 min Scan# 719
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 43 Resp: 74354

Ion	Ratio	Lower	Upper
43	100		
57	44.5	37.4	56.0
71	38.2	26.7	40.1
100	7.8	4.7	7.1#

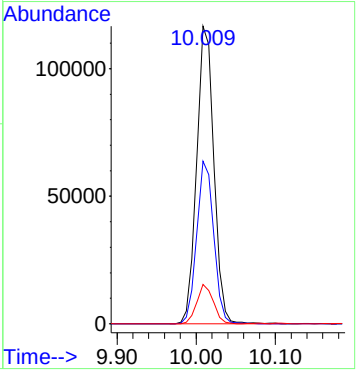


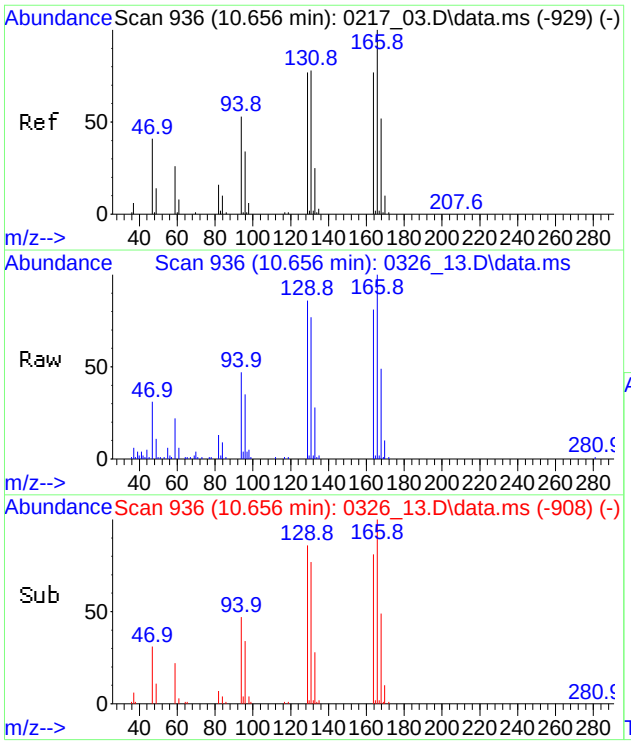


#48
Toluene
Conc: 8$ 1.883 ppbv
RT: 10.009 min Scan# 844
Delta R.T. -0.006 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 91 Resp: 176527

Ion	Ratio	Lower	Upper
91	100		
92	54.0	42.6	63.8
65	12.7	10.0	15.0

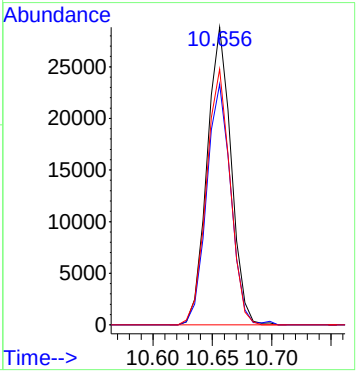


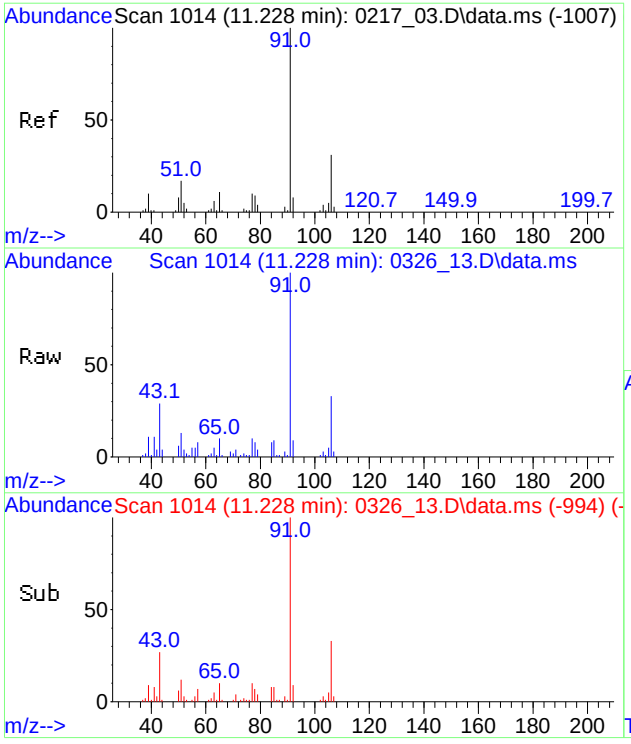


#52
Tetrachloroethene
Conc: 8$ 0.906 ppbv
RT: 10.656 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:166 Resp: 40490

Ion	Ratio	Lower	Upper
166	100		
164	81.2	61.8	92.8
129	84.9	62.3	93.5

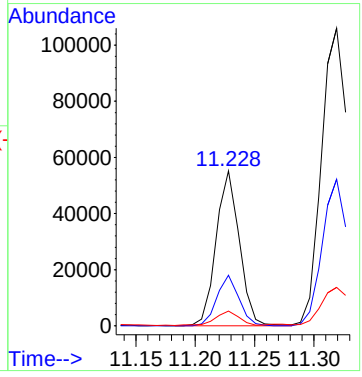


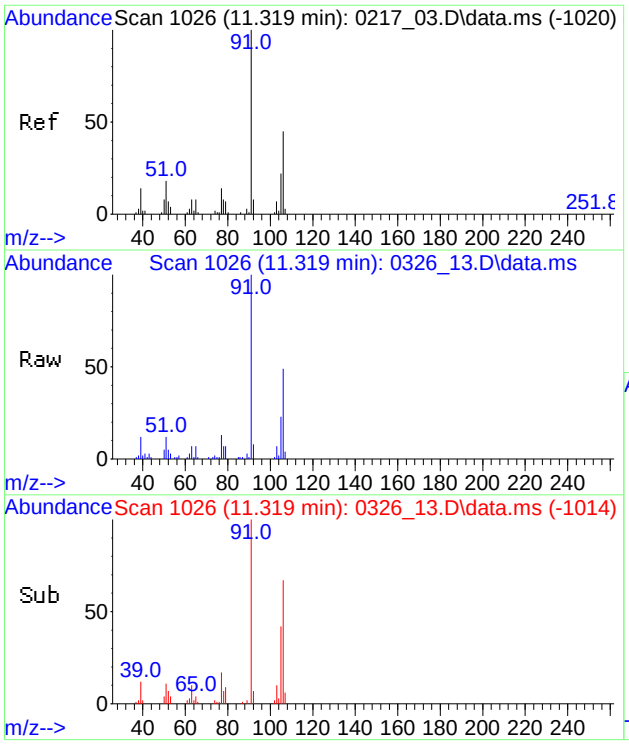


#56
Ethylbenzene
Conc: 8$ 0.610 ppbv
RT: 11.228 min Scan# 1014
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 91 Resp: 74900

Ion	Ratio	Lower	Upper
91	100		
106	30.9	9.8	49.8
77	9.2	0.0	29.5

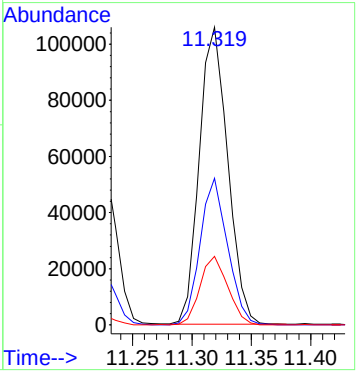


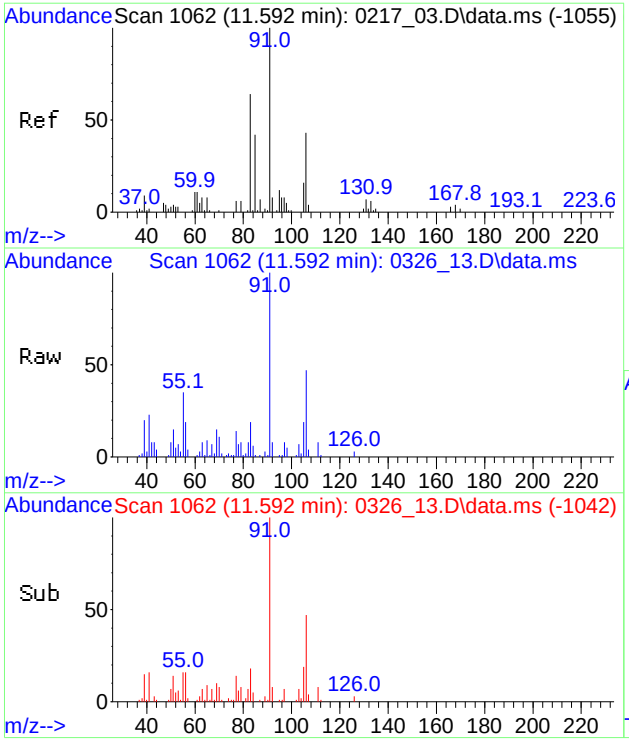


#57
m,p-Xylene
Conc: 8$ 1.885 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 91 Resp: 175631

Ion	Ratio	Lower	Upper
91	100		
106	47.7	36.7	55.1
105	22.6	19.2	28.8

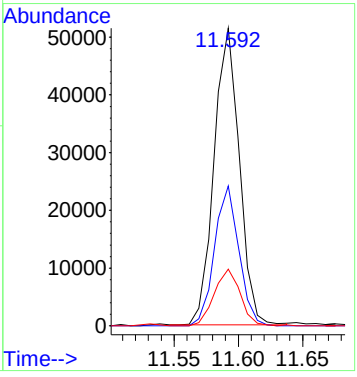


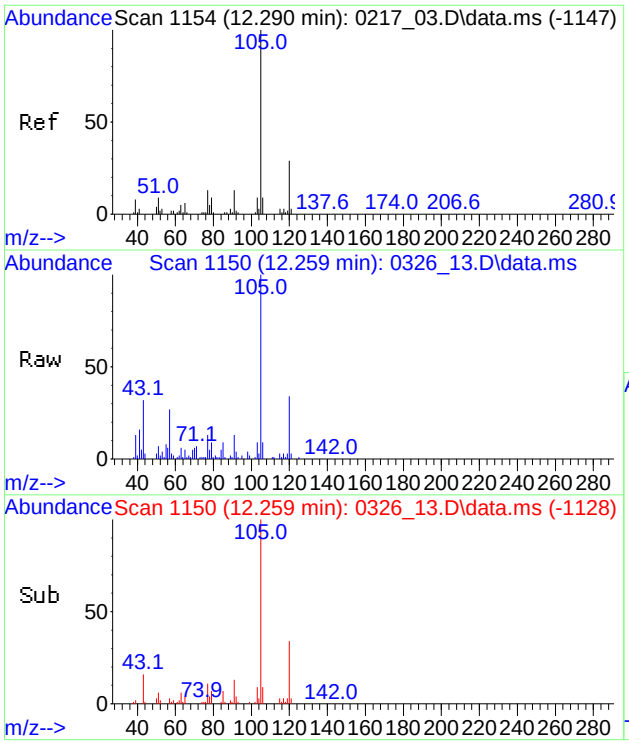


#61
o-Xylene
Conc: 8$ 0.705 ppbv
RT: 11.592 min Scan# 1062
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 91 Resp: 70499

Ion	Ratio	Lower	Upper
91	100		
106	45.3	34.5	51.7
105	19.7	17.1	25.7

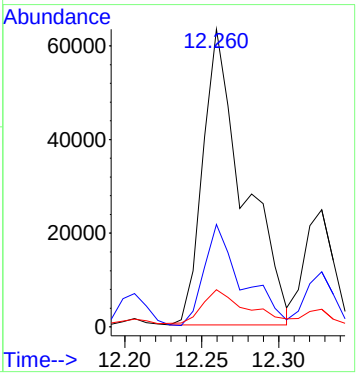


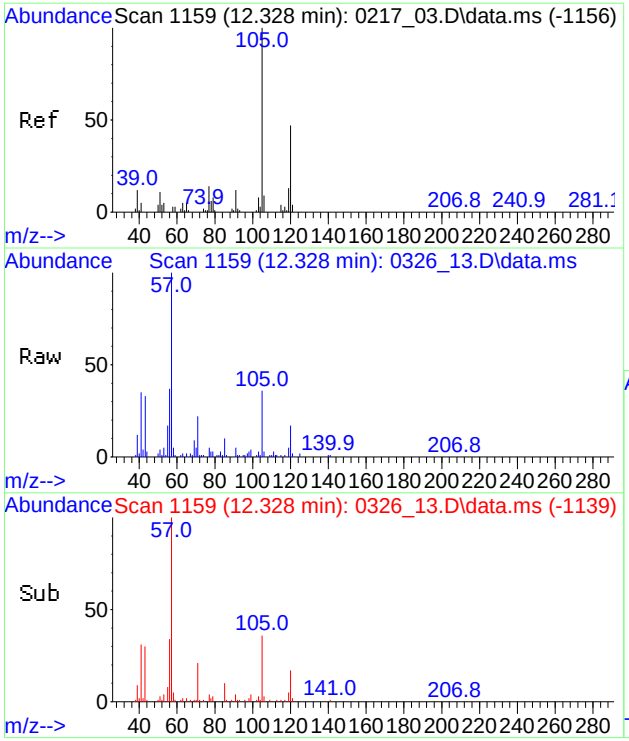


#65
4-Ethyltoluene
Conc: 8$ 0.866 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:105 Resp: 117369

Ion	Ratio	Lower	Upper
105	100		
120	32.9	22.9	34.3
77	12.0	10.1	15.1

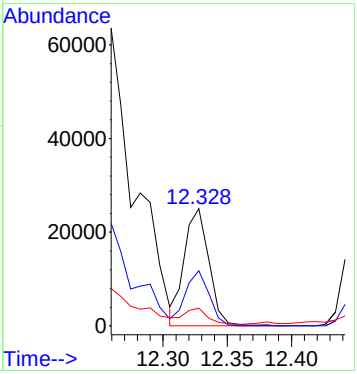


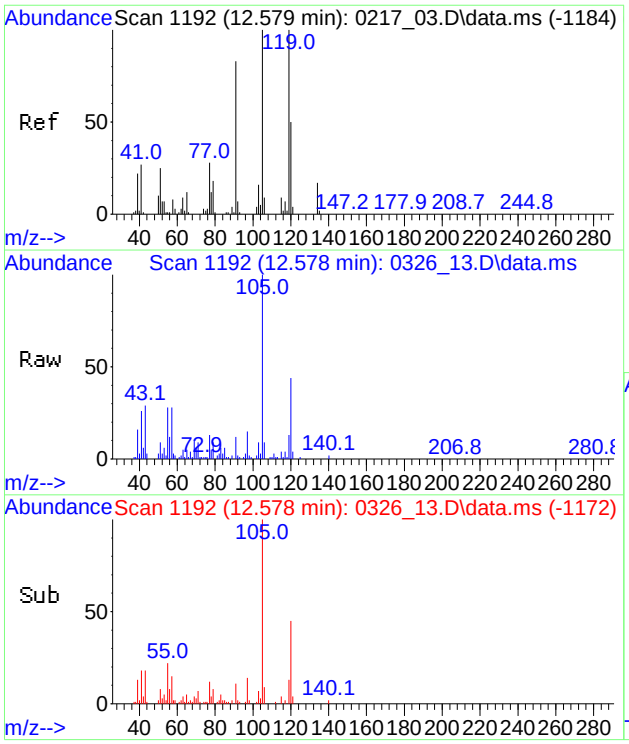


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.304 ppbv
RT: 12.328 min Scan# 1159
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:105 Resp: 33493

Ion	Ratio	Lower	Upper
105	100		
120	45.2	33.9	50.9
77	13.4	10.9	16.3

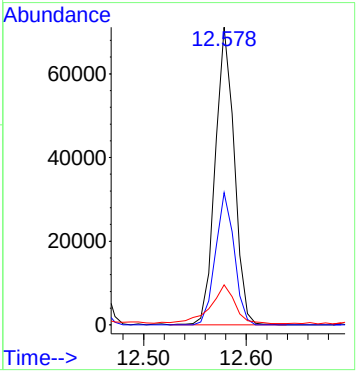


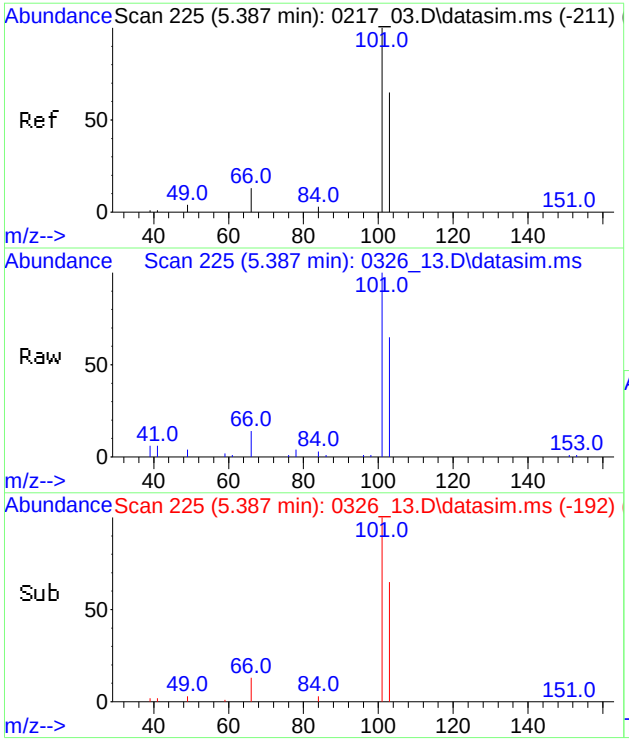


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.803 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:105 Resp: 91702

Ion	Ratio	Lower	Upper
105	100		
120	43.6	39.4	59.2
77	17.1	22.4	33.6#

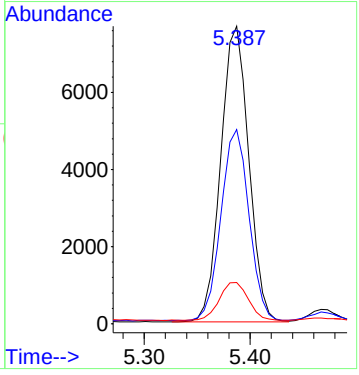


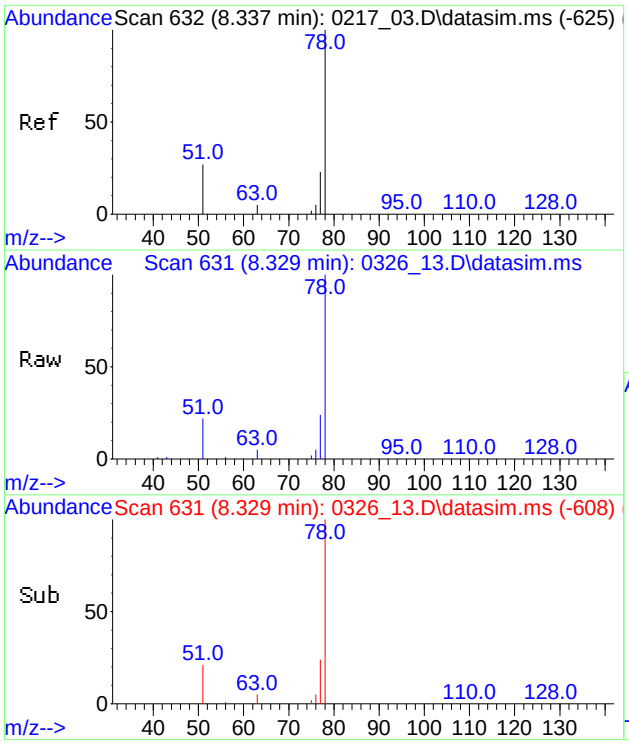


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.192 ppbv
RT: 5.387 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:101 Resp: 14080

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6
66	13.5	13.2	13.2#

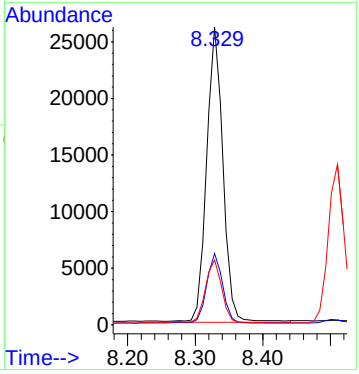


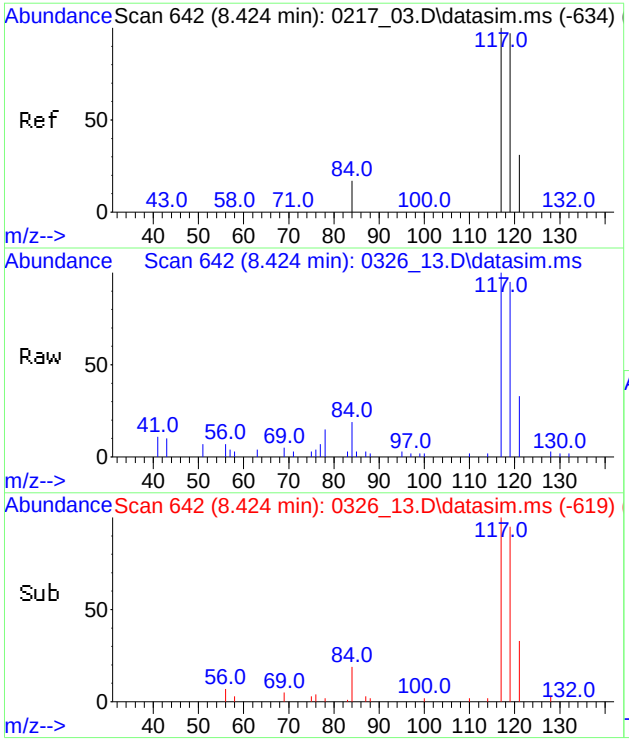


#85
Benzene(sim)
Conc: 8$ 0.413 ppbv
RT: 8.326 min Scan# 631
Delta R.T. -0.008 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 78 Resp: 38737

Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.9	28.3
51	23.6	23.9	35.9#

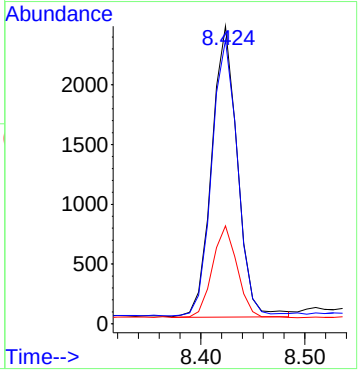


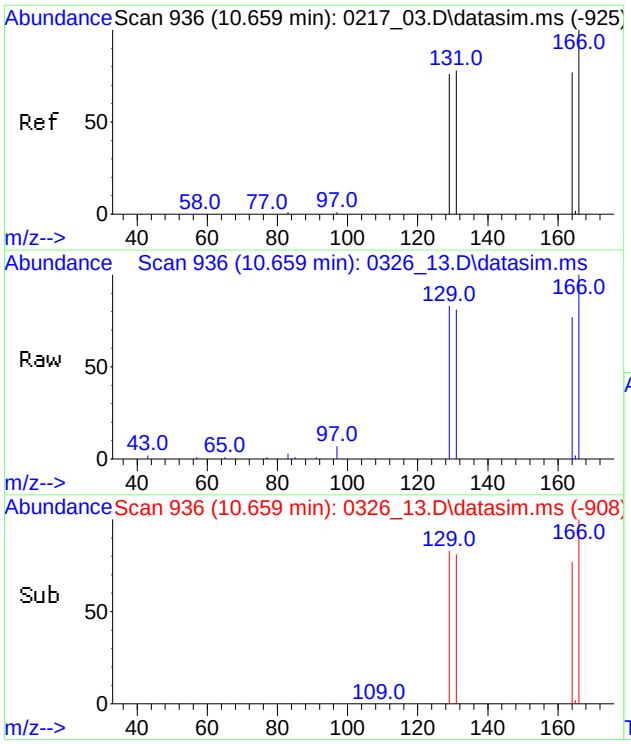


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.066 ppbv
RT: 8.424 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:117 Resp: 4176

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.2	115.8
121	30.3	24.4	36.6

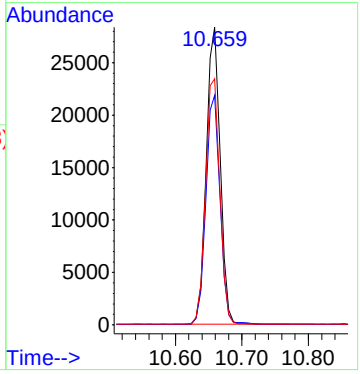


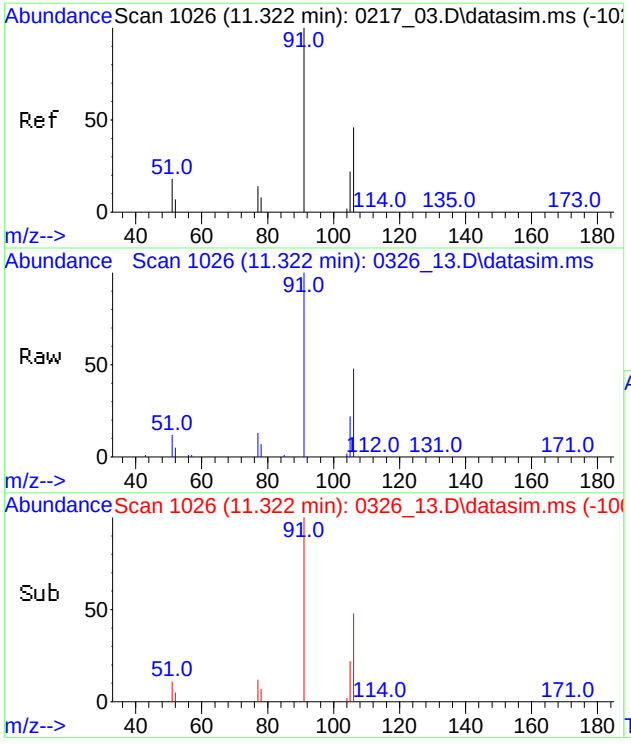


#102
Tetrachloroethene(sim)
Conc: 8$ 0.876 ppbv
RT: 10.659 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:166 Resp: 41133

Ion	Ratio	Lower	Upper
166	100		
164	78.5	58.6	98.6
129	85.2	57.2	97.2

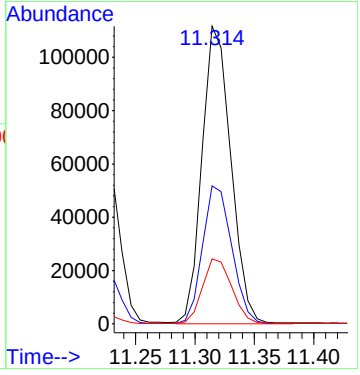


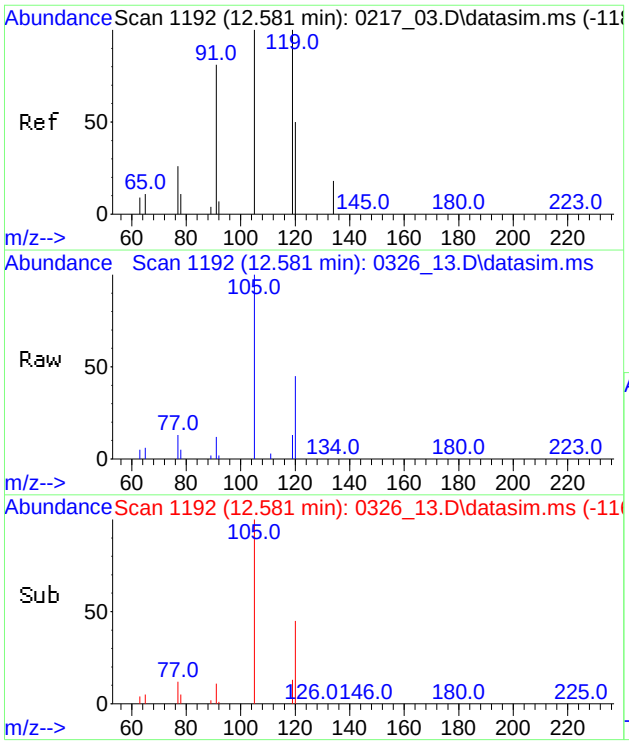


#105
m,p-Xylene(sim)
Conc: 8$ 1.732 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion: 91 Resp: 177086

Ion	Ratio	Lower	Upper
91	100		
106	47.3	41.0	50.1
105	22.4	19.1	28.7

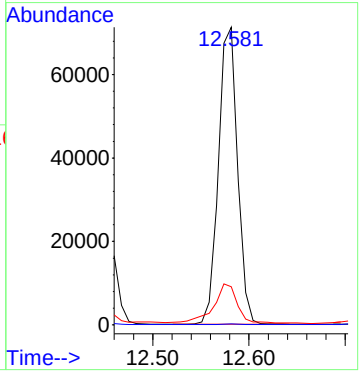




#110
sec-Butylbenzene(sim)
Conc: 8$ 0.726 ppbv
RT: 12.581 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_13.D
Acq: 26 Mar 2025 10:35 pm

Tgt Ion:105 Resp: 98358

Ion	Ratio	Lower	Upper
105	100		
134	0.2	0.0	38.0
77	16.1	7.1	47.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-05

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91402

Canister: 19806 Lab File ID: 0326_14.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.500		0.202	0.202	r
74-87-3	Chloromethane	0.654		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	37.9	S	0.531	0.531	r
67-64-1	Acetone	5.13	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.62	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	4.98		0.339	0.339	r
110-54-3	Hexane	0.668	S	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
71-43-2	Benzene	0.543		0.313	0.313	r
110-82-7	Cyclohexane	0.571		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.357		0.215	0.215	r
142-82-5	Heptane	0.877		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	1.59		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.621		0.037	0.037	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
100-41-4	Ethylbenzene	0.483		0.230	0.230	r
179601-23-1	m,p-Xylene	1.51		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.559		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.589		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	0.518		0.204	0.204	r
135-98-8	sec-Butylbenzene	0.182	U	0.182	0.182	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

IA25-05

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91402

Canister: 19806 Lab File ID: 0326_14.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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)	0.196		0.178	0.178	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
56-23-5	Carbon Tetrachloride(sim)	0.067		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_14.D
Acq On : 26 Mar 2025 11:14 pm
Operator :
Client ID : IA25-05
Lab ID : CS91402
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 27 05:57:11 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

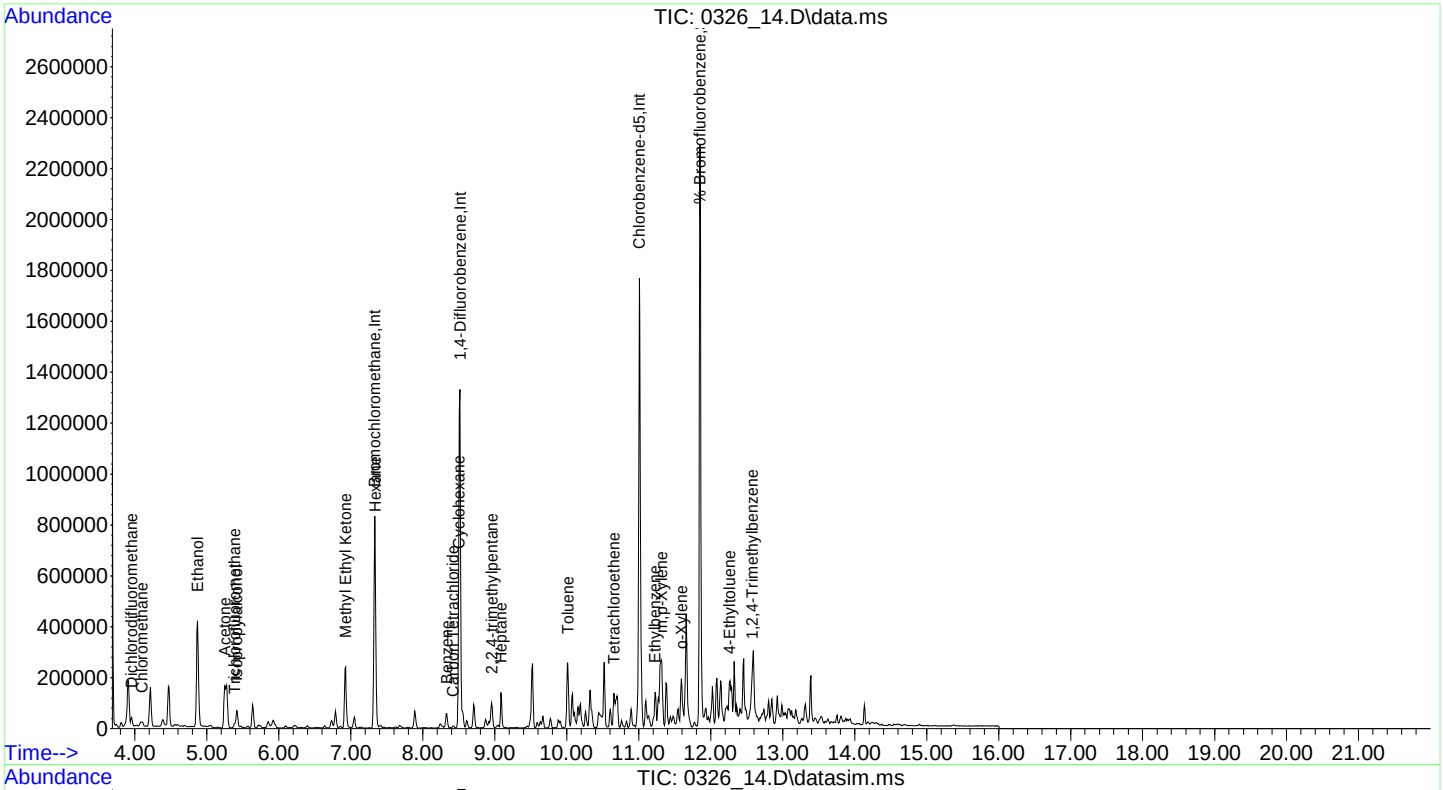
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	232673	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	875967	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	468459	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	238146	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	875967	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	468459	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	616379	10.174	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.70%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.955	85	31062	0.500	ppbv		98
4) Chloromethane	4.101	50	17219	0.654	ppbv		89
11) Ethanol	4.872	45	486461	37.887	ppbv#		93
12) Acetone	5.249	43	241774	5.134	ppbv		94
13) Trichlorofluoromethane	5.384	101	13502	0.207	ppbv		99
14) Isopropylalcohol	5.415	45	82691	1.616	ppbv		98
25) Methyl Ethyl Ketone	6.926	43	292884	4.981	ppbv#		92
27) Hexane	7.340	57	30051	0.668	ppbv#		94
33) Benzene	8.334	78	40305	0.543	ppbv		94
34) Carbon Tetrachloride	8.421	117	3960	0.069	ppbv		94
35) Cyclohexane	8.499	84	16452	0.571	ppbv#		91
40) 2,2,4-trimethylpentane	8.957	57	51684	0.357	ppbv#		59
43) Heptane	9.087	43	51480	0.877	ppbv#		88
48) Toluene	10.016	91	149973	1.593	ppbv		98
52) Tetrachloroethene	10.656	166	27881	0.621	ppbv		94
56) Ethylbenzene	11.228	91	58294	0.483	ppbv		97
57) m,p-Xylene	11.319	91	137869	1.506	ppbv		97
61) o-Xylene	11.592	91	54984	0.559	ppbv		97
65) 4-Ethyltoluene	12.259	105	78374	0.588	ppbv		94
67) 1,2,4-Trimethylbenzene	12.578	105	58123	0.518	ppbv#		85
82] Trichlorofluoromethane...	5.387	101	14351	0.196	ppbv#		100
85] Benzene(sim)	8.334	78	40359	0.429	ppbv		94
86] Carbon Tetrachloride(sim)	8.424	117	4269	0.067	ppbv		98
102] Tetrachloroethene(sim)	10.659	166	28338	0.601	ppbv		95
105] m,p-Xylene(sim)	11.319	91	138289	1.376	ppbv		97
110] sec-Butylbenzene(sim)	12.581	105	61982	0.466	ppbv		73

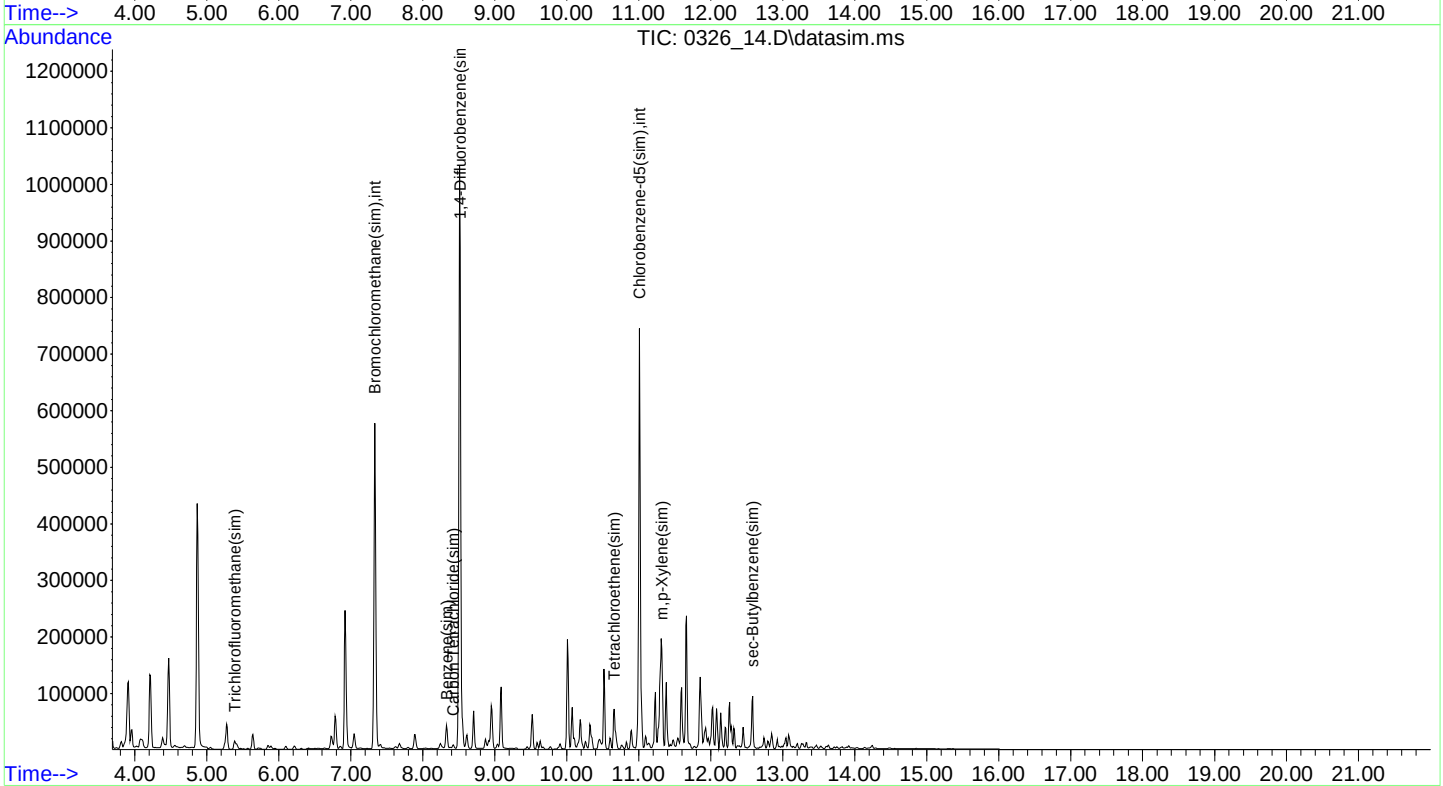
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

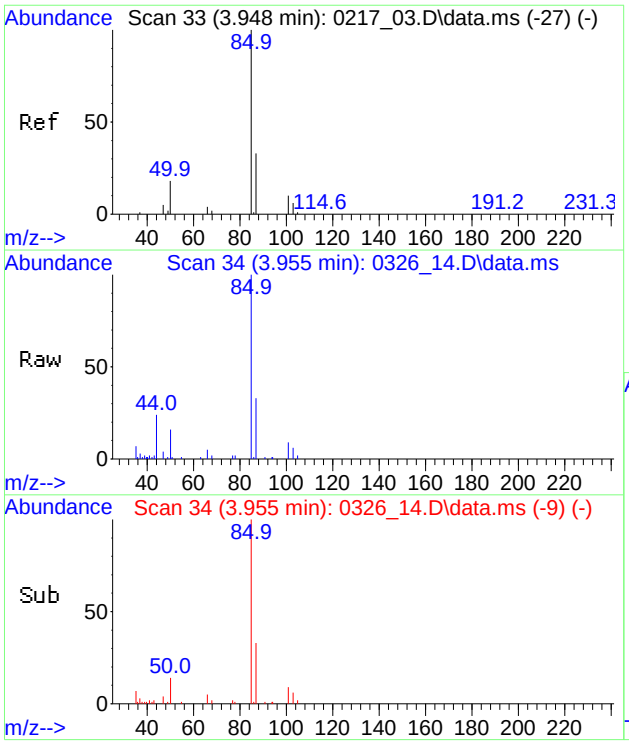
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_14.D
Acq On : 26 Mar 2025 11:14 pm
Operator :
Client ID : IA25-05
Lab ID : CS91402
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 27 05:57:11 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



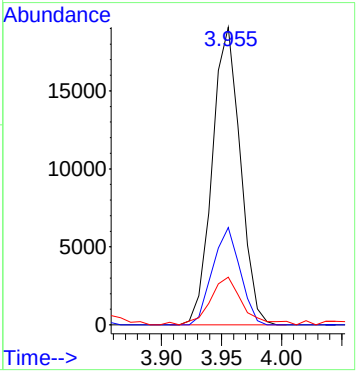


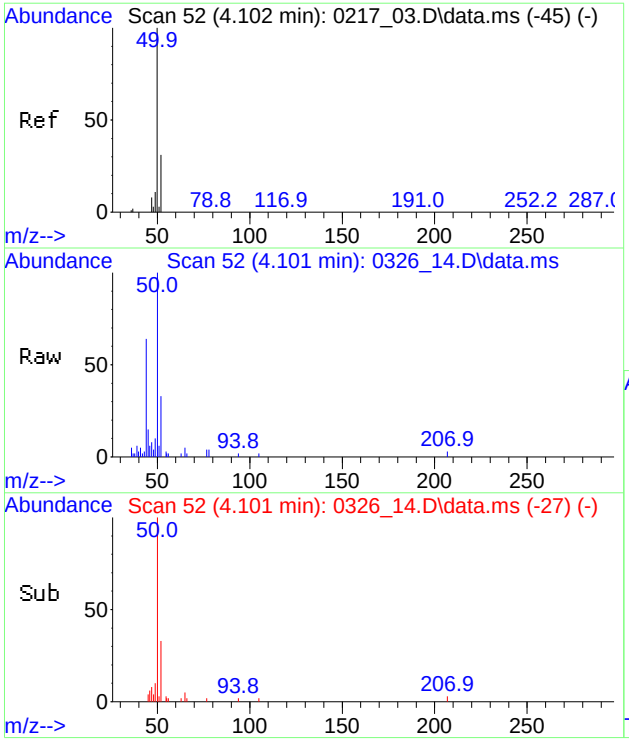


#3
Dichlorodifluoromethane
Conc: 8$ 0.500 ppbv
RT: 3.955 min Scan# 34
Delta R.T. -0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 85 Resp: 31062

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.4	38.2
50	18.4	13.1	19.7

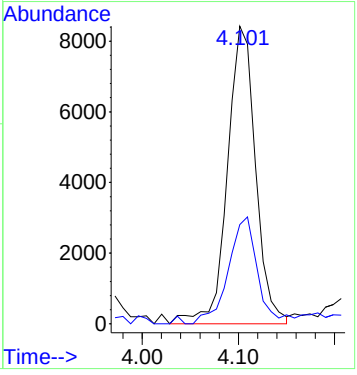


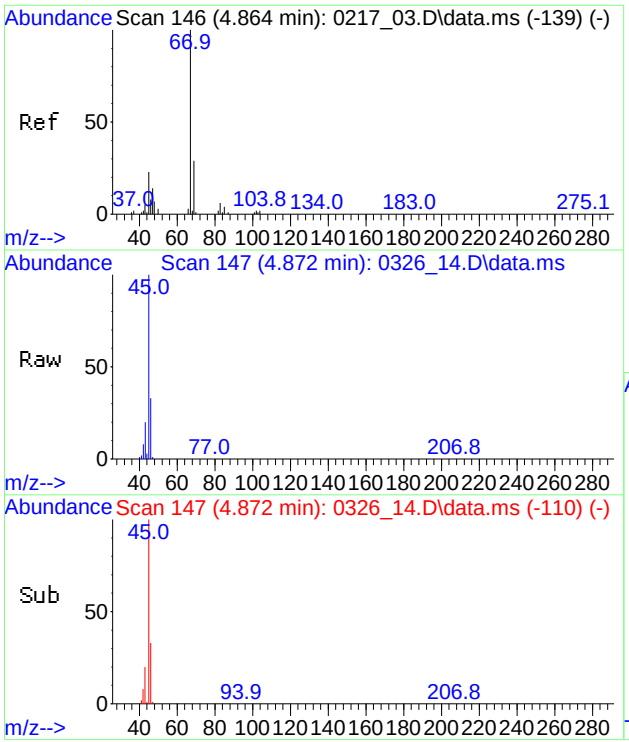


#4
Chloromethane
Conc: 8$ 0.654 ppbv
RT: 4.101 min Scan# 52
Delta R.T. -0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 50 Resp: 17219

Ion	Ratio	Lower	Upper
50	100		
52	37.3	11.0	51.0

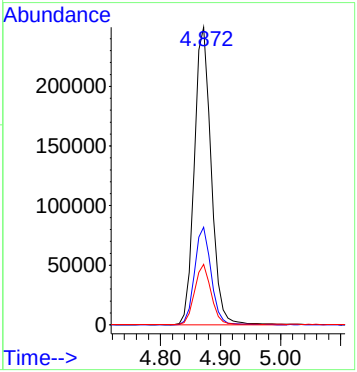


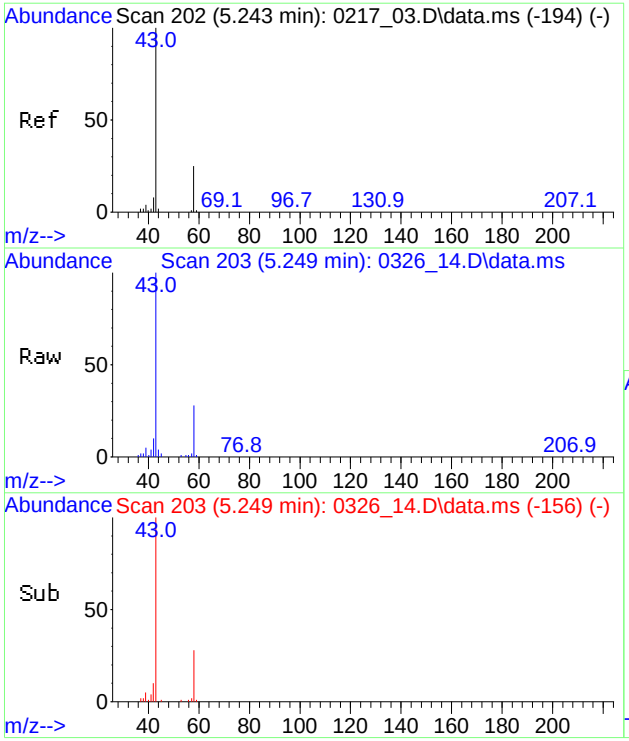


#11
Ethanol
Conc: 8$ 37.887 ppbv
RT: 4.872 min Scan# 147
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 45 Resp: 486461

Ion	Ratio	Lower	Upper
45	100		
46	32.3	25.4	38.0
43	19.7	21.2	31.8#

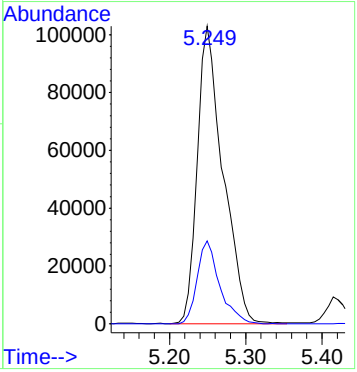


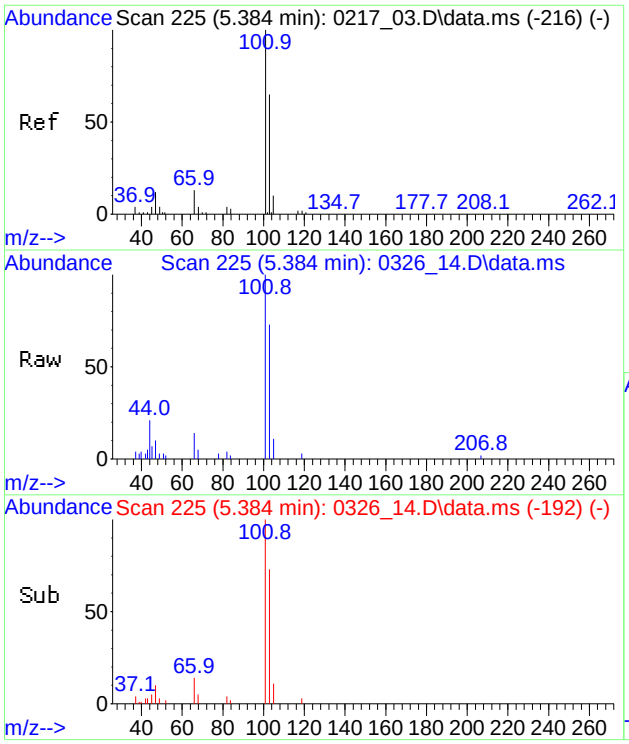


#12
Acetone
Conc: 8$ 5.134 ppbv
RT: 5.249 min Scan# 203
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 43 Resp: 241774

Ion	Ratio	Lower	Upper
43	100		
58	24.3	21.8	32.6

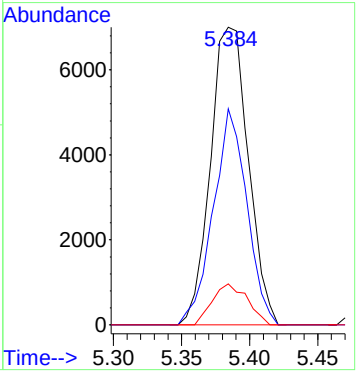


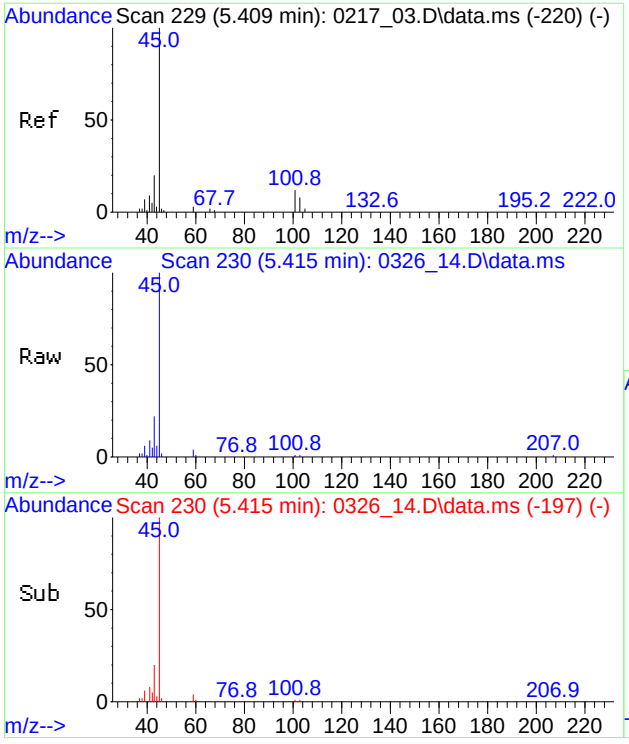


#13
Trichlorofluoromethane
Conc: 8$ 0.207 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:101 Resp: 13502

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.3	76.9
66	12.7	10.7	16.1

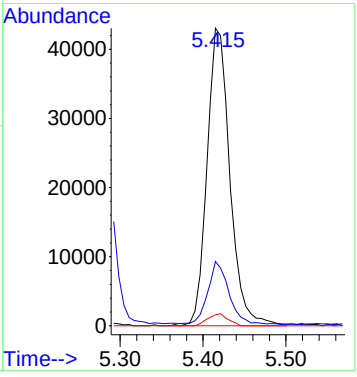


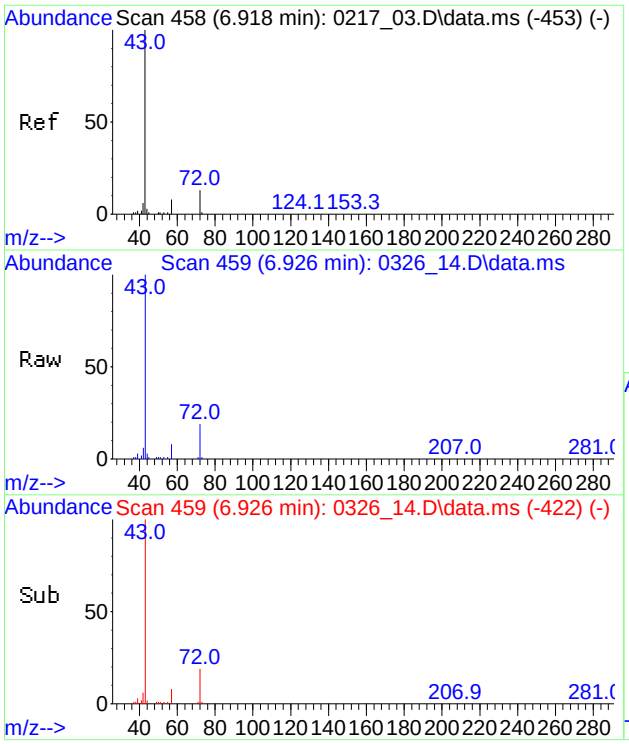


#14
Isopropylalcohol
Conc: 8$ 1.616 ppbv
RT: 5.415 min Scan# 230
Delta R.T. -0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 45 Resp: 82691

Ion	Ratio	Lower	Upper
45	100		
43	19.7	16.8	25.2
59	3.6	2.8	4.2

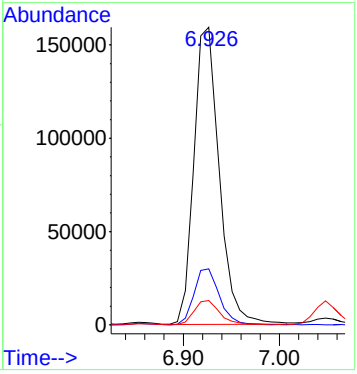


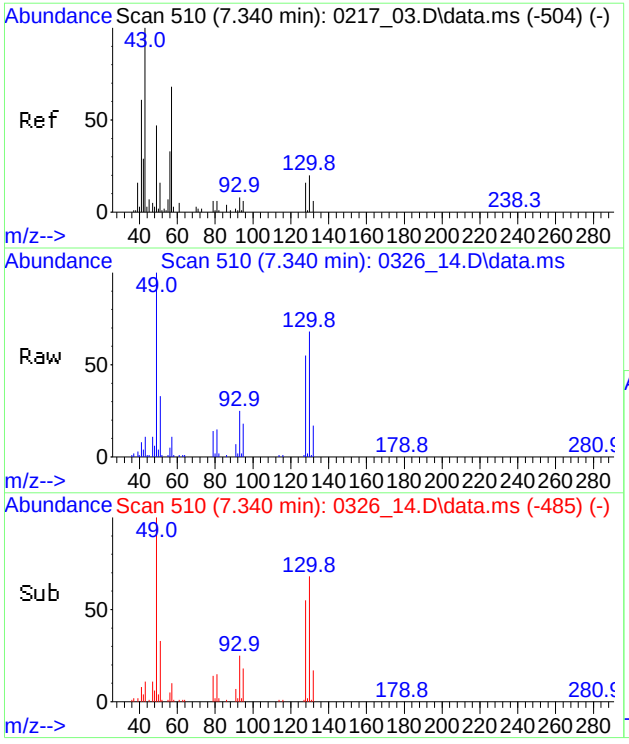


#25
Methyl Ethyl Ketone
Conc: 8$ 4.981 ppbv
RT: 6.926 min Scan# 459
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 43 Resp: 292884

Ion	Ratio	Lower	Upper
43	100		
72	19.1	11.6	17.4#
57	8.3	6.0	9.0

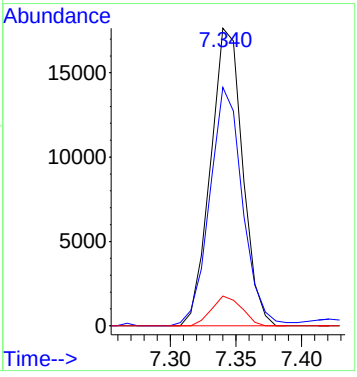


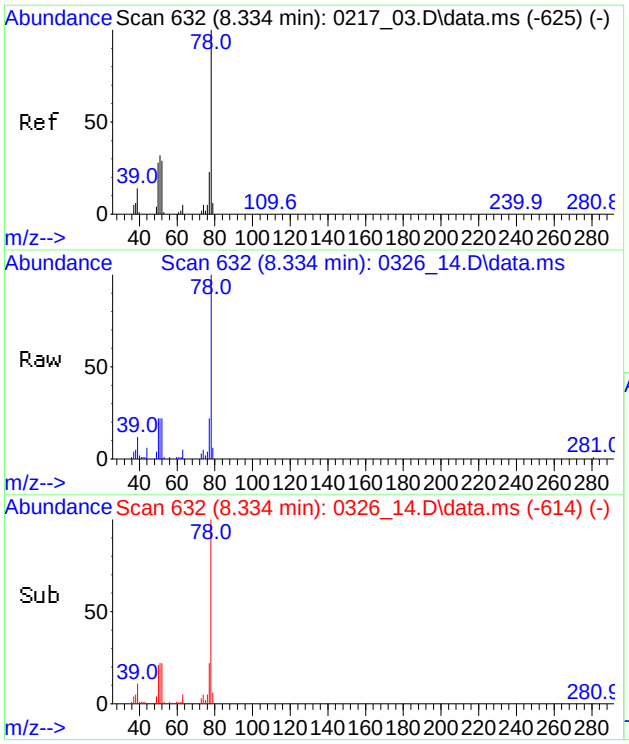


#27
Hexane
Conc: 8$ 0.668 ppbv
RT: 7.340 min Scan# 510
Delta R.T. -0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 57 Resp: 30051

Ion	Ratio	Lower	Upper
57	100		
41	81.9	69.8	104.8
86	9.3	5.8	8.6#

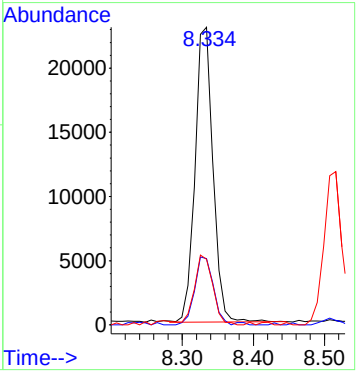


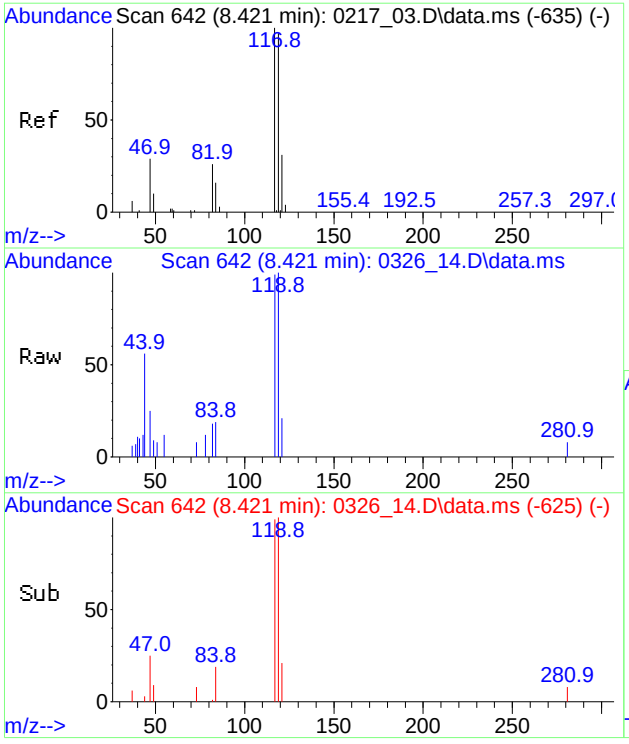


#33
Benzene
Conc: 8$ 0.543 ppbv
RT: 8.334 min Scan# 632
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 78 Resp: 40305

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3
51	24.3	23.9	35.9

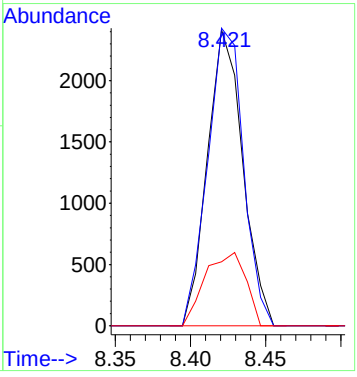


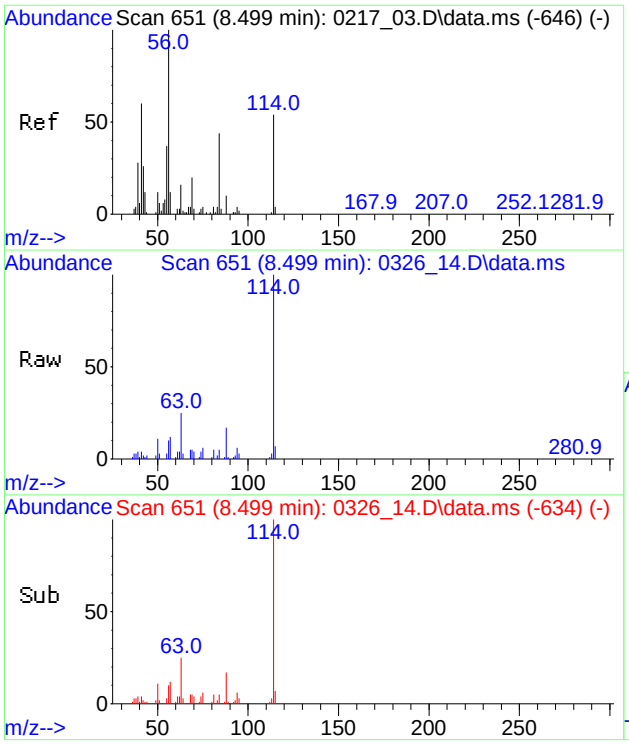


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.421 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:117 Resp: 3960

Ion	Ratio	Lower	Upper
117	100		
119	101.7	75.8	115.8
121	28.5	11.5	51.5

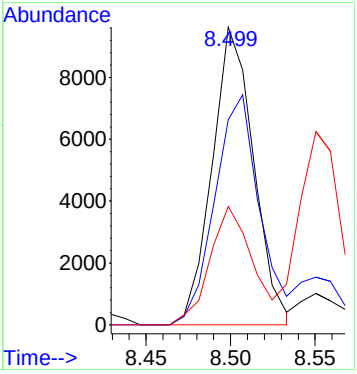


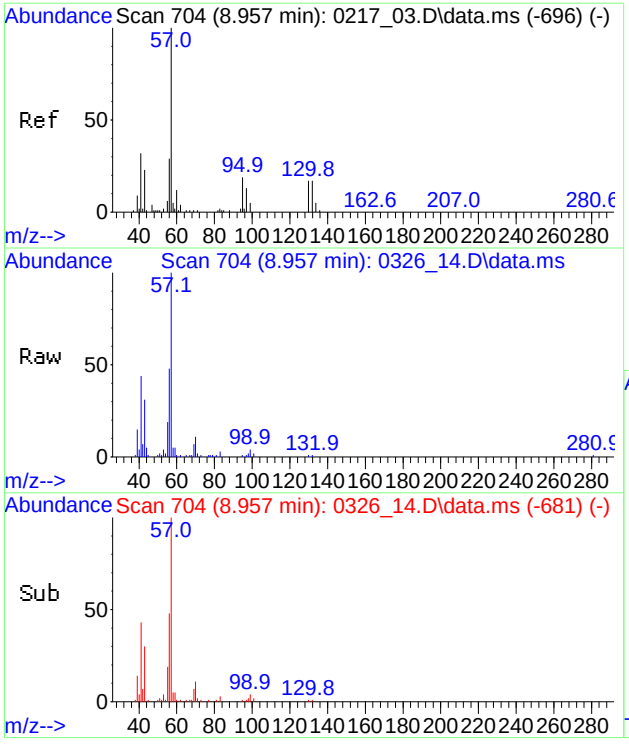


#35
Cyclohexane
Conc: 8$ 0.571 ppbv
RT: 8.499 min Scan# 651
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 84 Resp: 16452

Ion	Ratio	Lower	Upper
84	100		
55	83.1	69.5	104.3
42	40.8	41.7	62.5#

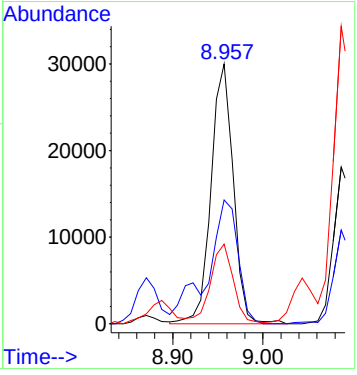


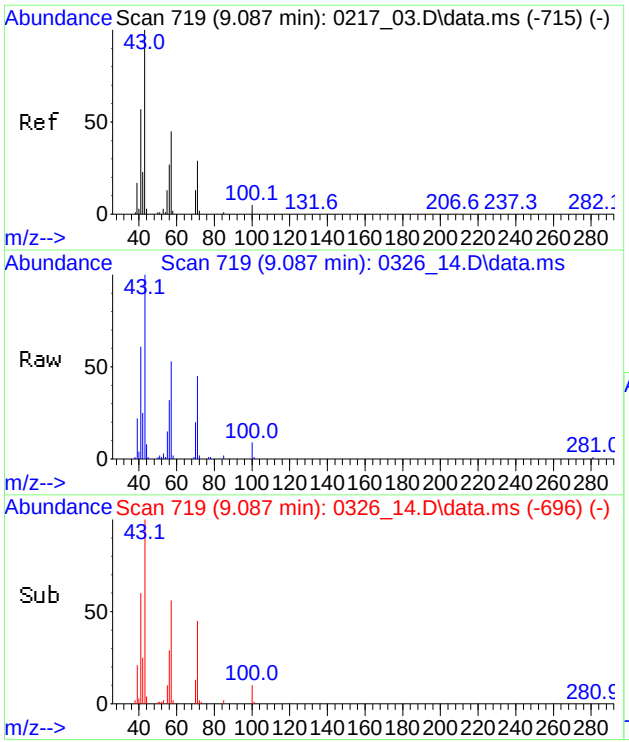


#40
2,2,4-trimethylpentane
Conc: 8$ 0.357 ppbv
RT: 8.957 min Scan# 704
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 57 Resp: 51684

Ion	Ratio	Lower	Upper
57	100		
56	65.8	24.1	36.1#
43	30.5	20.1	30.1#

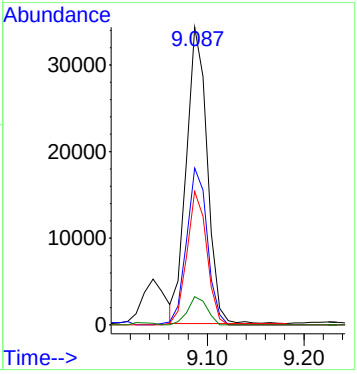


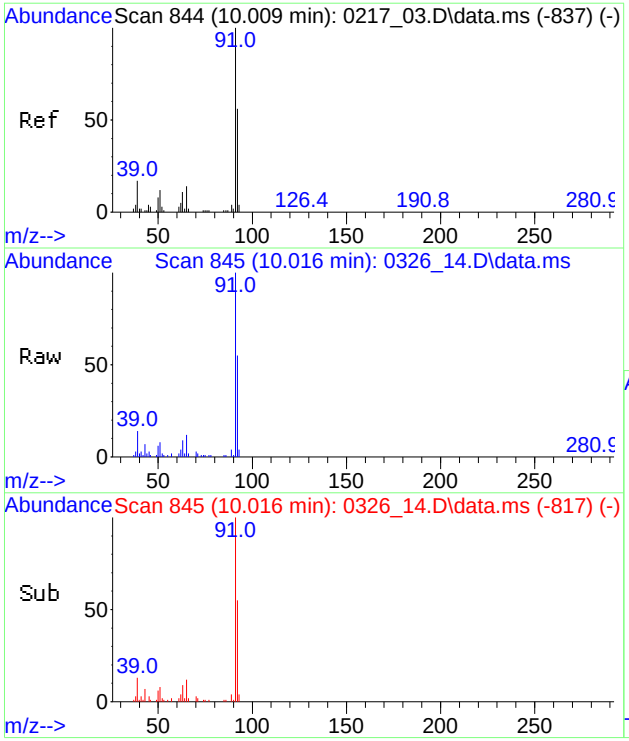


#43
Heptane
Conc: 8$ 0.877 ppbv
RT: 9.087 min Scan# 719
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 43 Resp: 51480

Ion	Ratio	Lower	Upper
43	100		
57	52.8	37.4	56.0
71	42.9	26.7	40.1#
100	8.9	4.7	7.1#

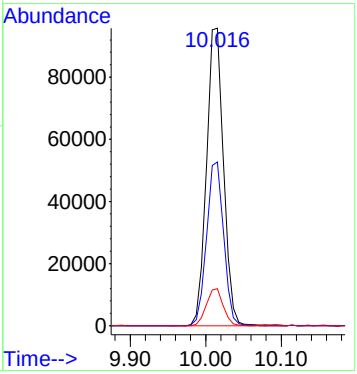


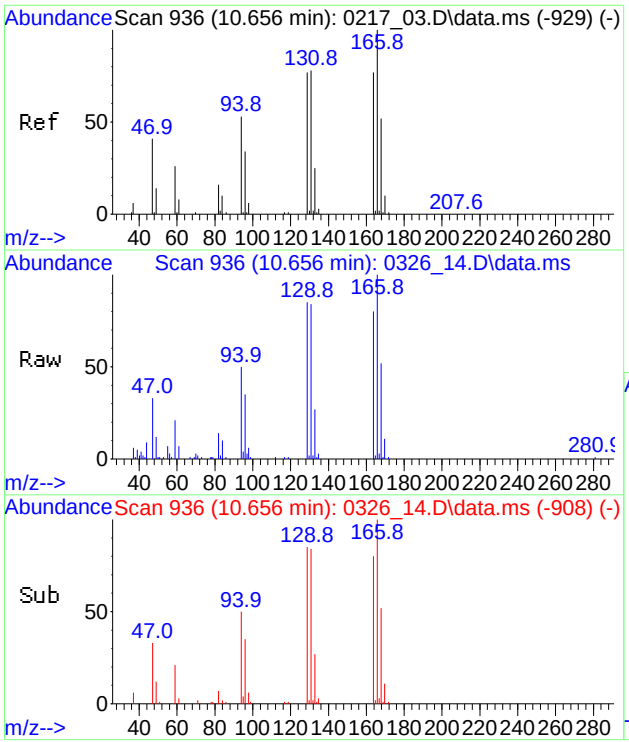


#48
Toluene
Conc: 8$ 1.593 ppbv
RT: 10.016 min Scan# 845
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 91 Resp: 149973

Ion	Ratio	Lower	Upper
91	100		
92	55.0	42.6	63.8
65	12.5	10.0	15.0

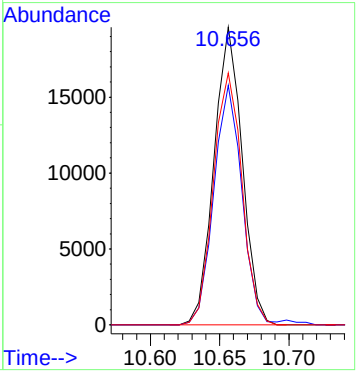


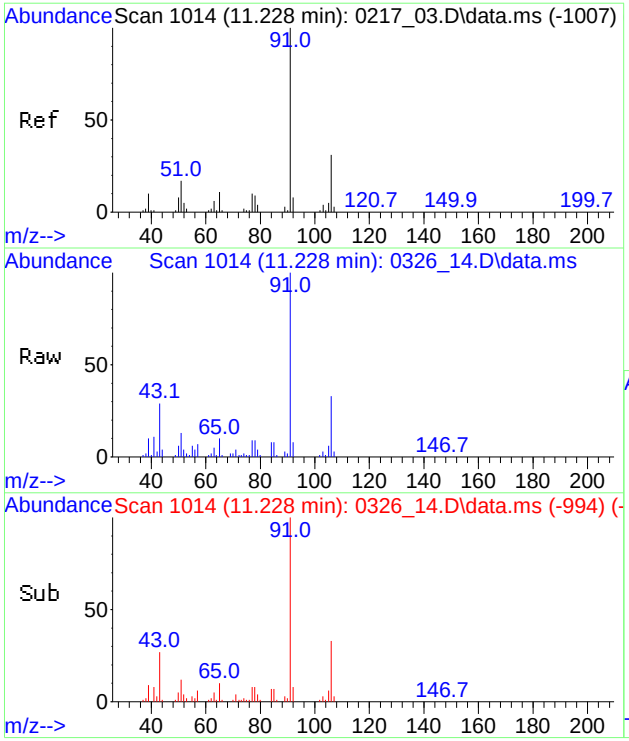


#52
Tetrachloroethene
Conc: 8$ 0.621 ppbv
RT: 10.656 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:166 Resp: 27881

Ion	Ratio	Lower	Upper
166	100		
164	79.9	61.8	92.8
129	85.4	62.3	93.5

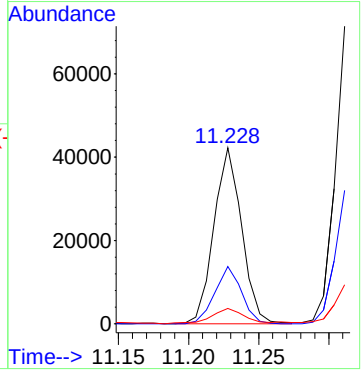


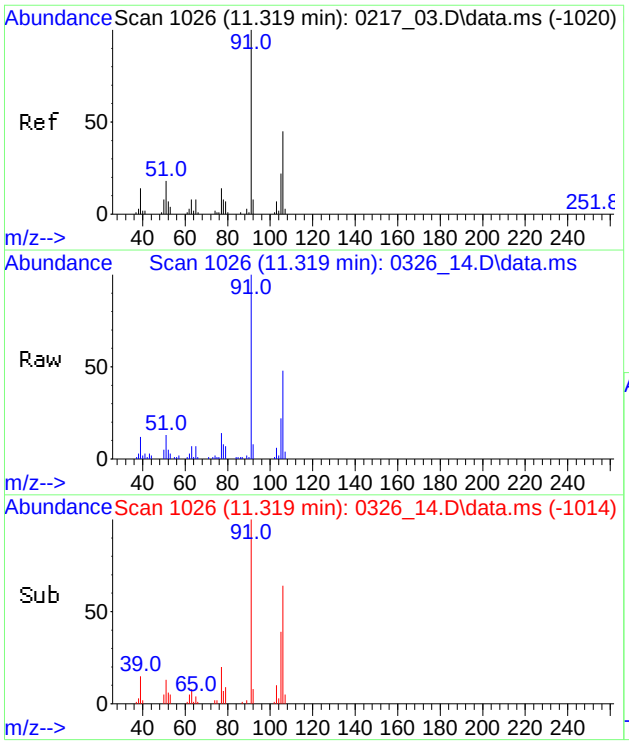


#56
Ethylbenzene
Conc: 8$ 0.483 ppbv
RT: 11.228 min Scan# 1014
Delta R.T. -0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 91 Resp: 58294

Ion	Ratio	Lower	Upper
91	100		
106	31.3	9.8	49.8
77	10.3	0.0	29.5

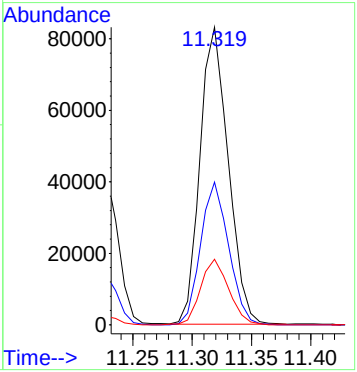


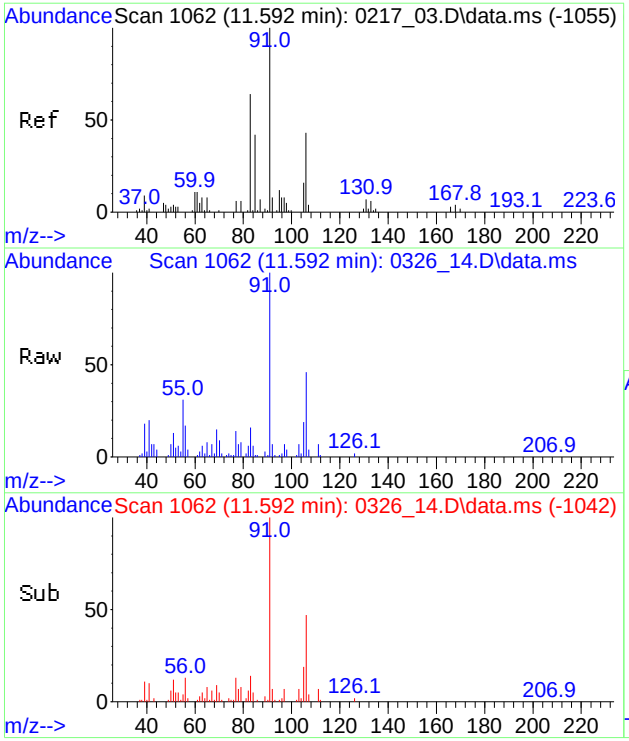


#57
m,p-Xylene
Conc: 8$ 1.506 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 91 Resp: 137869

Ion	Ratio	Lower	Upper
91	100		
106	47.6	36.7	55.1
105	22.0	19.2	28.8

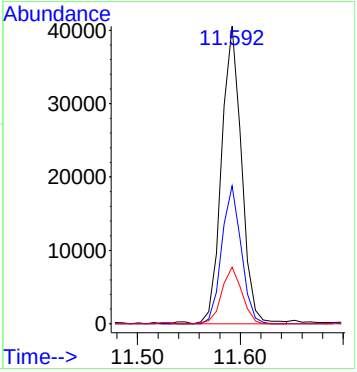


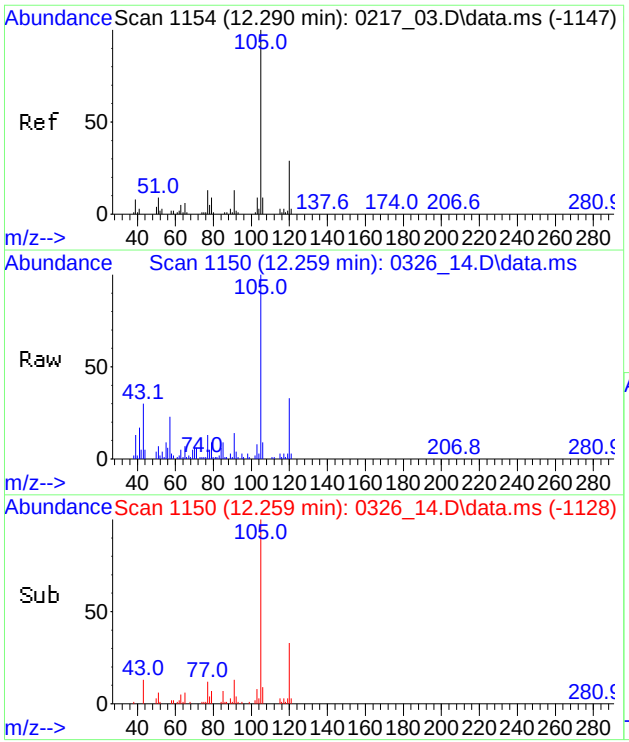


#61
o-Xylene
Conc: 8$ 0.559 ppbv
RT: 11.592 min Scan# 1062
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 91 Resp: 54984

Ion	Ratio	Lower	Upper
91	100		
106	44.8	34.5	51.7
105	19.2	17.1	25.7

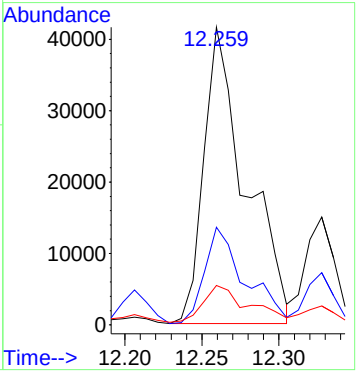


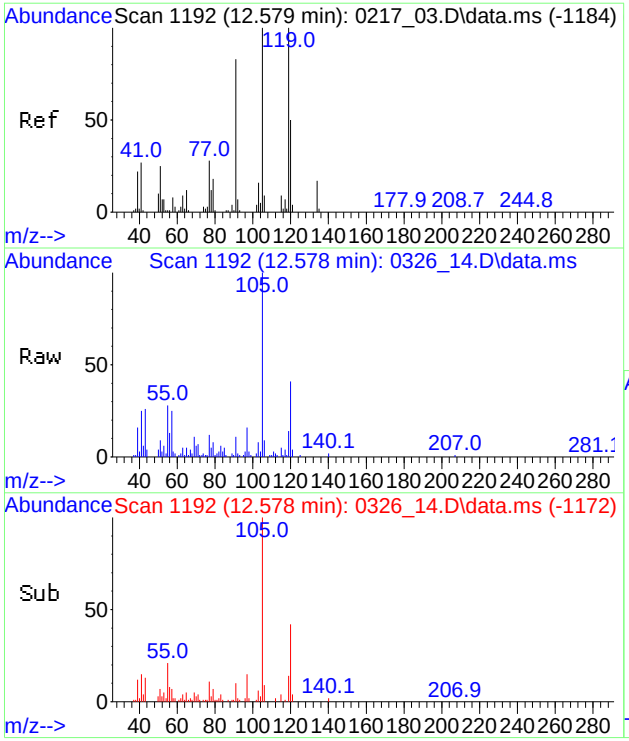


#65
4-Ethyltoluene
Conc: 8$ 0.588 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:105 Resp: 78374

Ion	Ratio	Lower	Upper
105	100		
120	32.5	22.9	34.3
77	13.2	10.1	15.1

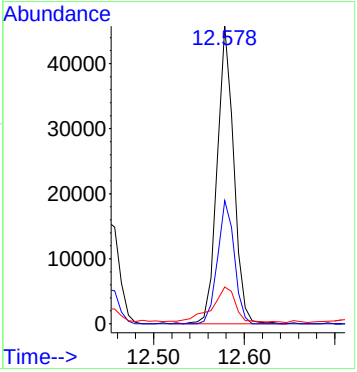


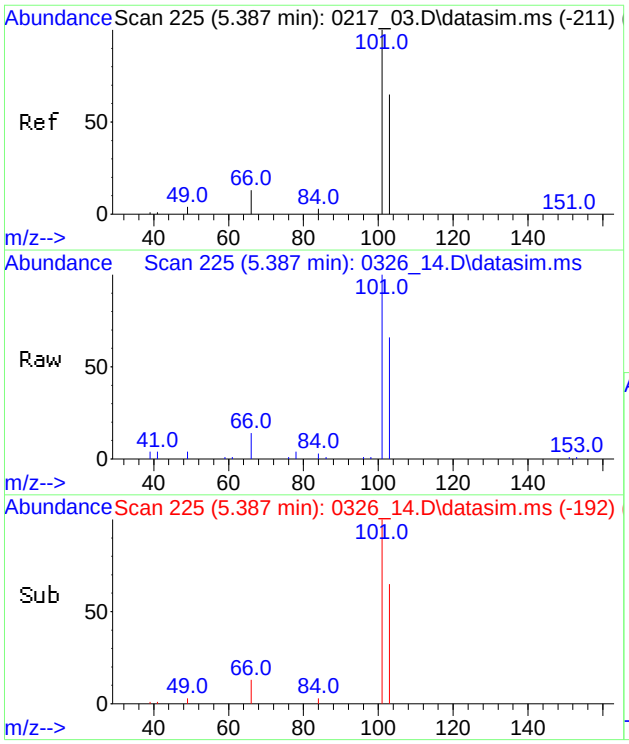


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.518 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:105 Resp: 58123

Ion	Ratio	Lower	Upper
105	100		
120	41.6	39.4	59.2
77	17.0	22.4	33.6#

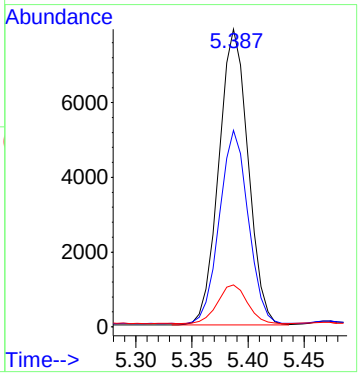


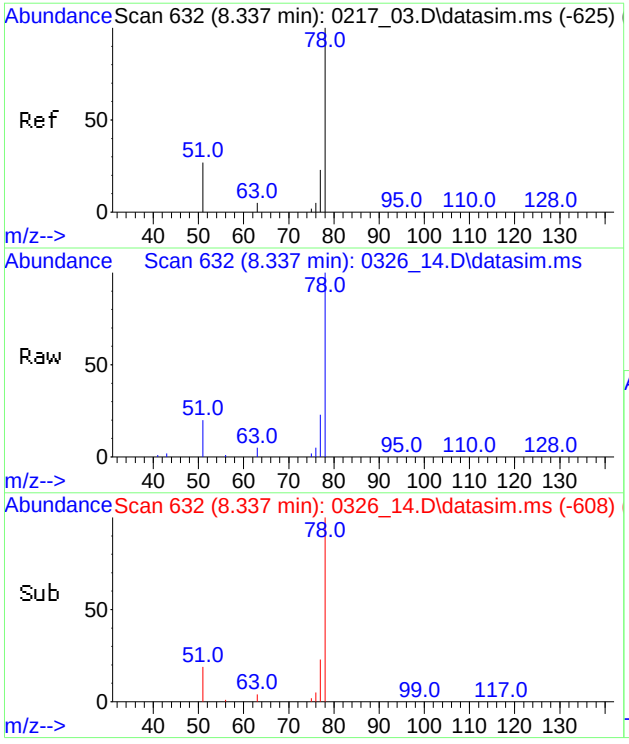


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.196 ppbv
RT: 5.387 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:101 Resp: 14351

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6
66	13.4	13.2	13.2#

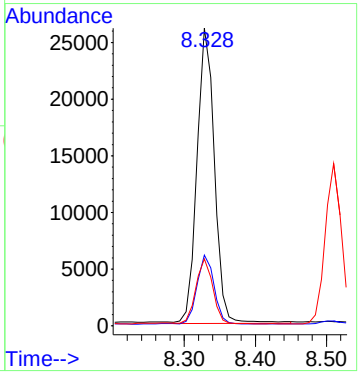


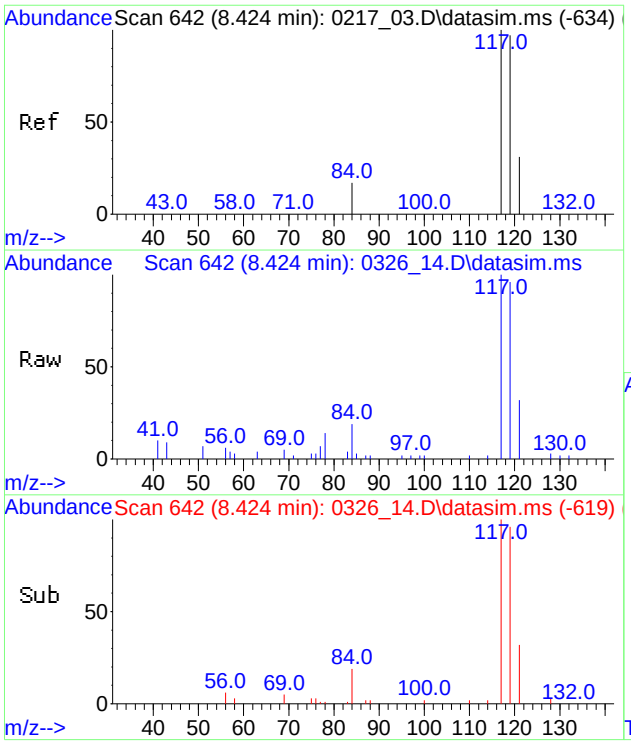


#85
Benzene(sim)
Conc: 8$ 0.429 ppbv
RT: 8.334 min Scan# 632
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 78 Resp: 40359

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3
51	24.2	23.9	35.9

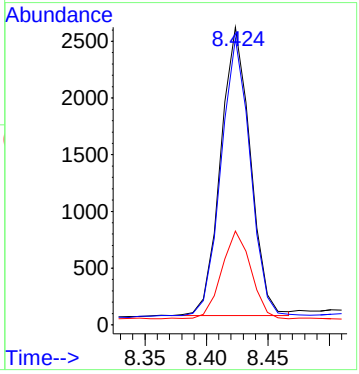


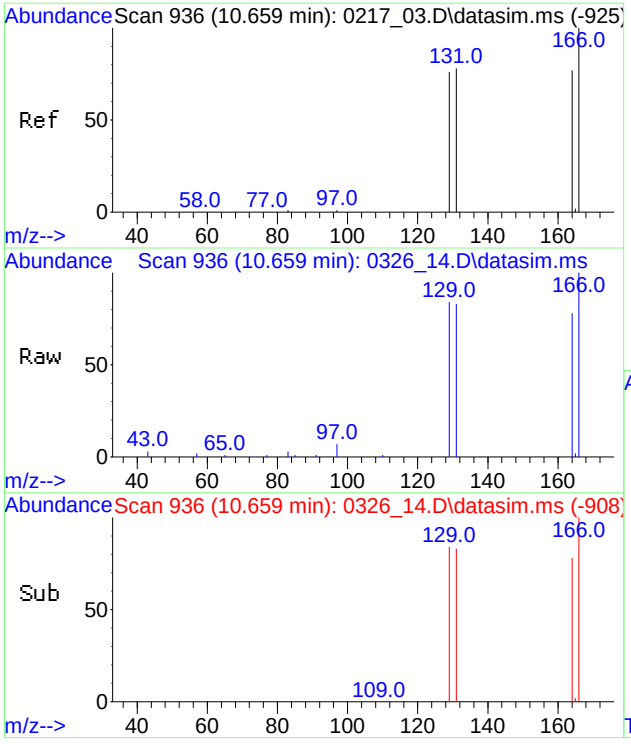


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.067 ppbv
RT: 8.424 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:117 Resp: 4269

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
121	29.6	24.4	36.6

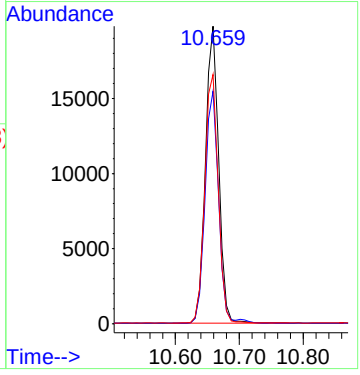


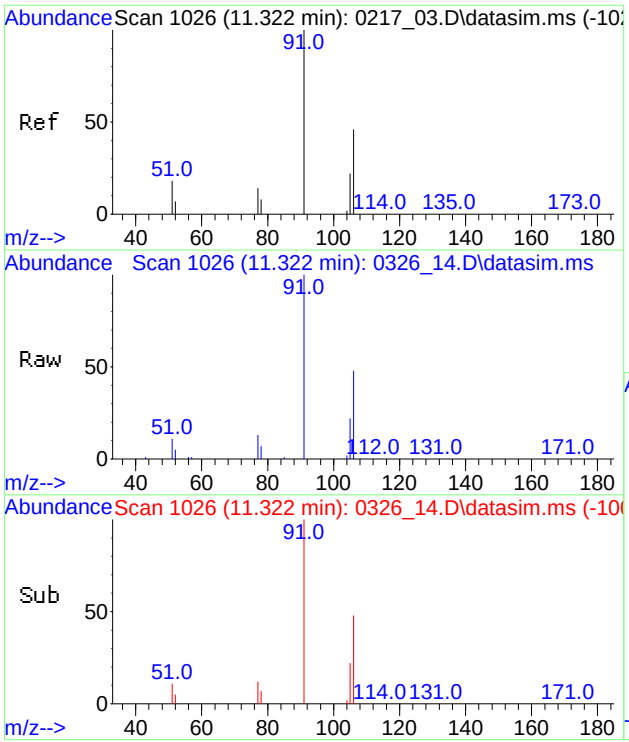


#102
Tetrachloroethene(sim)
Conc: 8$ 0.601 ppbv
RT: 10.659 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:166 Resp: 28338

Ion	Ratio	Lower	Upper
166	100		
164	79.1	58.6	98.6
129	85.5	57.2	97.2

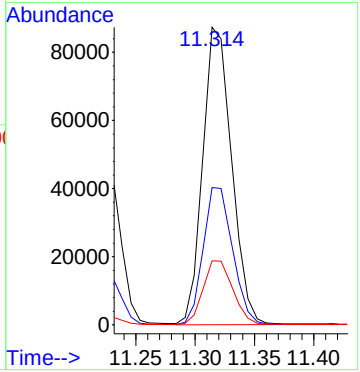


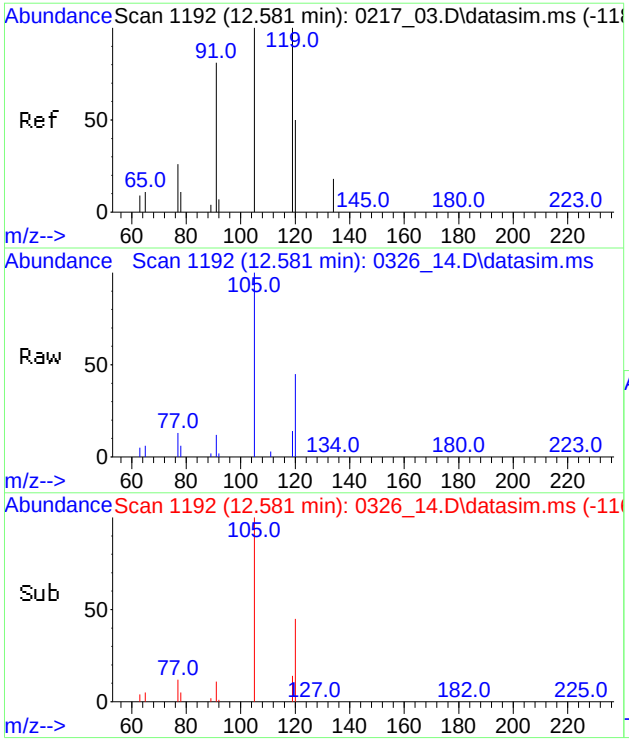


#105
m,p-Xylene(sim)
Conc: 8$ 1.376 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion: 91 Resp: 138289

Ion	Ratio	Lower	Upper
91	100		
106	47.5	41.0	50.1
105	22.0	19.1	28.7

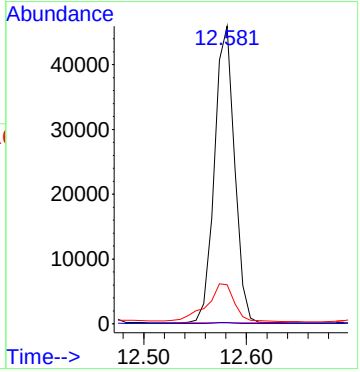




#110
sec-Butylbenzene(sim)
Conc: 8$ 0.466 ppbv
RT: 12.581 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_14.D
Acq: 26 Mar 2025 11:14 pm

Tgt Ion:105 Resp: 61982

Ion	Ratio	Lower	Upper
105	100		
134	0.3	0.0	38.0
77	17.4	7.1	47.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-13

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91403

Canister: 28597 Lab File ID: 0326_15.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.489		0.202	0.202	r
74-87-3	Chloromethane	0.649		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	88.6	ES	0.531	0.531	r
67-64-1	Acetone	7.88	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.221		0.178	0.178	r
67-63-0	Isopropylalcohol	5.51	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	5.18		0.339	0.339	r
110-54-3	Hexane	0.436	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.471		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.337		0.313	0.313	r
110-82-7	Cyclohexane	0.318		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.241		0.215	0.215	r
142-82-5	Heptane	0.504		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	1.22		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.408		0.037	0.037	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
100-41-4	Ethylbenzene	0.277		0.230	0.230	r
179601-23-1	m,p-Xylene	0.884		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.358		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.457		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.228		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.541		0.204	0.204	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

IA25-13

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91403

Canister: 28597 Lab File ID: 0326_15.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
106-46-7	1,4-Dichlorobenzene	0.243		0.166	0.166	r
135-98-8	sec-Butylbenzene	0.182	U	0.182	0.182	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
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
56-23-5	Carbon Tetrachloride(sim)	0.060		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 11:54 pm
Operator :
Client ID : IA25-13
Lab ID : CS91403
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 27 05:57:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

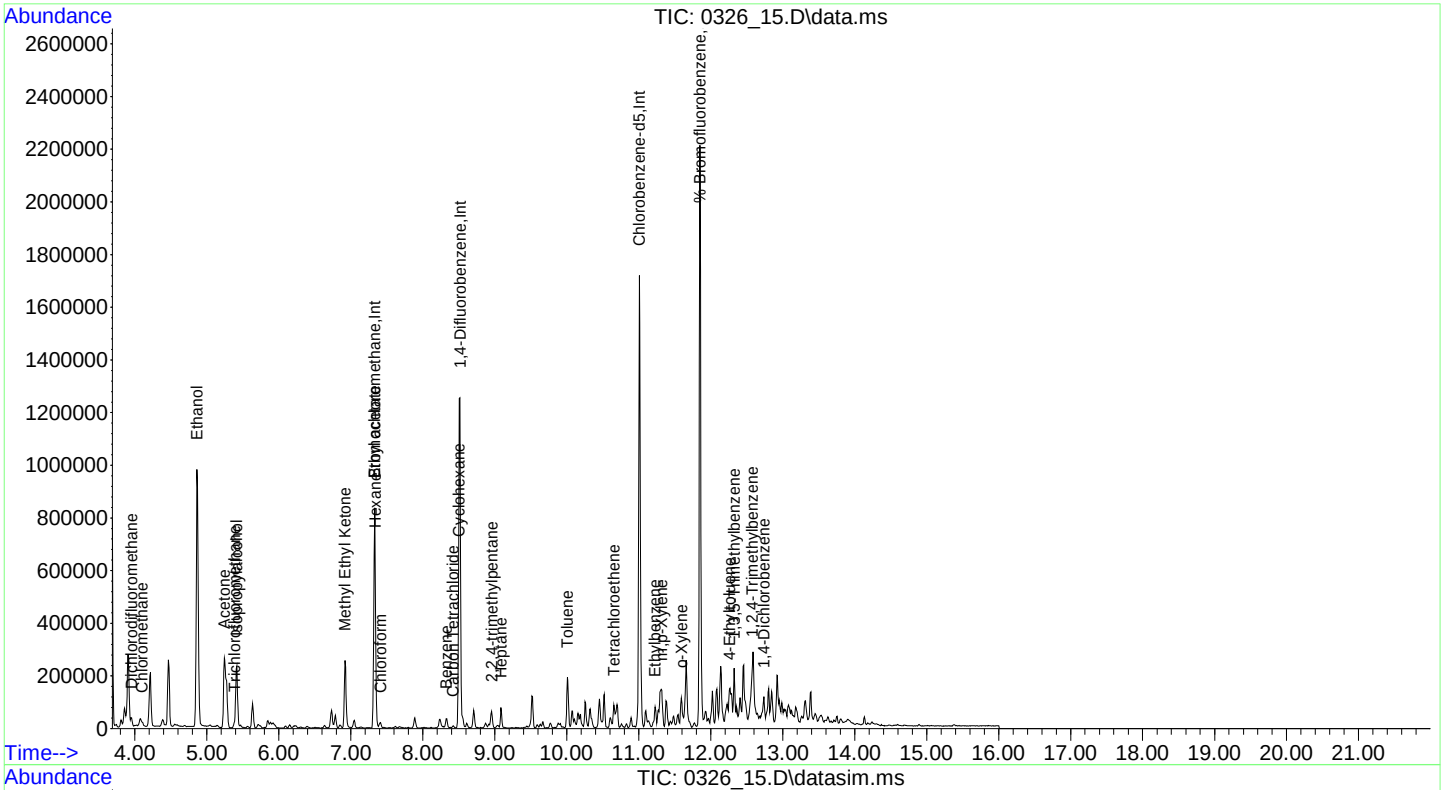
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	231507	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	858089	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	449940	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	234363	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	858008	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	449940	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	594840	10.223	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.20%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.955	85	30215	0.489	ppbv		98
4) Chloromethane	4.101	50	17001	0.649	ppbv		91
11) Ethanol	4.864	45	1131605	88.576	ppbv#		93
12) Acetone	5.243	43	368968	7.875	ppbv		96
13) Trichlorofluoromethane	5.384	101	14392	0.221	ppbv		98
14) Isopropylalcohol	5.415	45	280446	5.508	ppbv		97
25) Methyl Ethyl Ketone	6.918	43	302764	5.175	ppbv#		92
27) Hexane	7.340	57	19539	0.436	ppbv#		97
28) Chloroform	7.413	83	11537	0.219	ppbv		96
29) Ethyl acetate	7.332	61	4747	0.471	ppbv		94
33) Benzene	8.326	78	24883	0.337	ppbv#		91
34) Carbon Tetrachloride	8.421	117	3954	0.069	ppbv		91
35) Cyclohexane	8.499	84	9130	0.318	ppbv#		78
40) 2,2,4-trimethylpentane	8.957	57	34093	0.241	ppbv#		67
43) Heptane	9.087	43	28978	0.504	ppbv#		90
48) Toluene	10.009	91	112135	1.216	ppbv		99
52) Tetrachloroethene	10.656	166	17953	0.408	ppbv		95
56) Ethylbenzene	11.228	91	32114	0.277	ppbv		98
57) m,p-Xylene	11.319	91	77750	0.884	ppbv		97
61) o-Xylene	11.592	91	33828	0.358	ppbv		98
65) 4-Ethyltoluene	12.259	105	58435	0.457	ppbv		95
66) 1,3,5-Trimethylbenzene	12.328	105	23700	0.228	ppbv		96
67) 1,2,4-Trimethylbenzene	12.578	105	58325	0.541	ppbv#		88
70) 1,4-Dichlorobenzene	12.738	146	15936	0.243	ppbv		97
82] Trichlorofluoromethane...	5.387	101	14982	0.207	ppbv#		100
86] Carbon Tetrachloride(sim)	8.424	117	3791	0.060	ppbv		100
92] Chloroform(sim)	7.408	83	12131	0.196	ppbv		97
102] Tetrachloroethene(sim)	10.659	166	18303	0.397	ppbv		95
105] m,p-Xylene(sim)	11.319	91	78995	0.818	ppbv		97
109] 1,4-Dichlorobenzene(sim)	12.738	146	16013	0.231	ppbv		97
110] sec-Butylbenzene(sim)	12.581	105	61424	0.480	ppbv		76

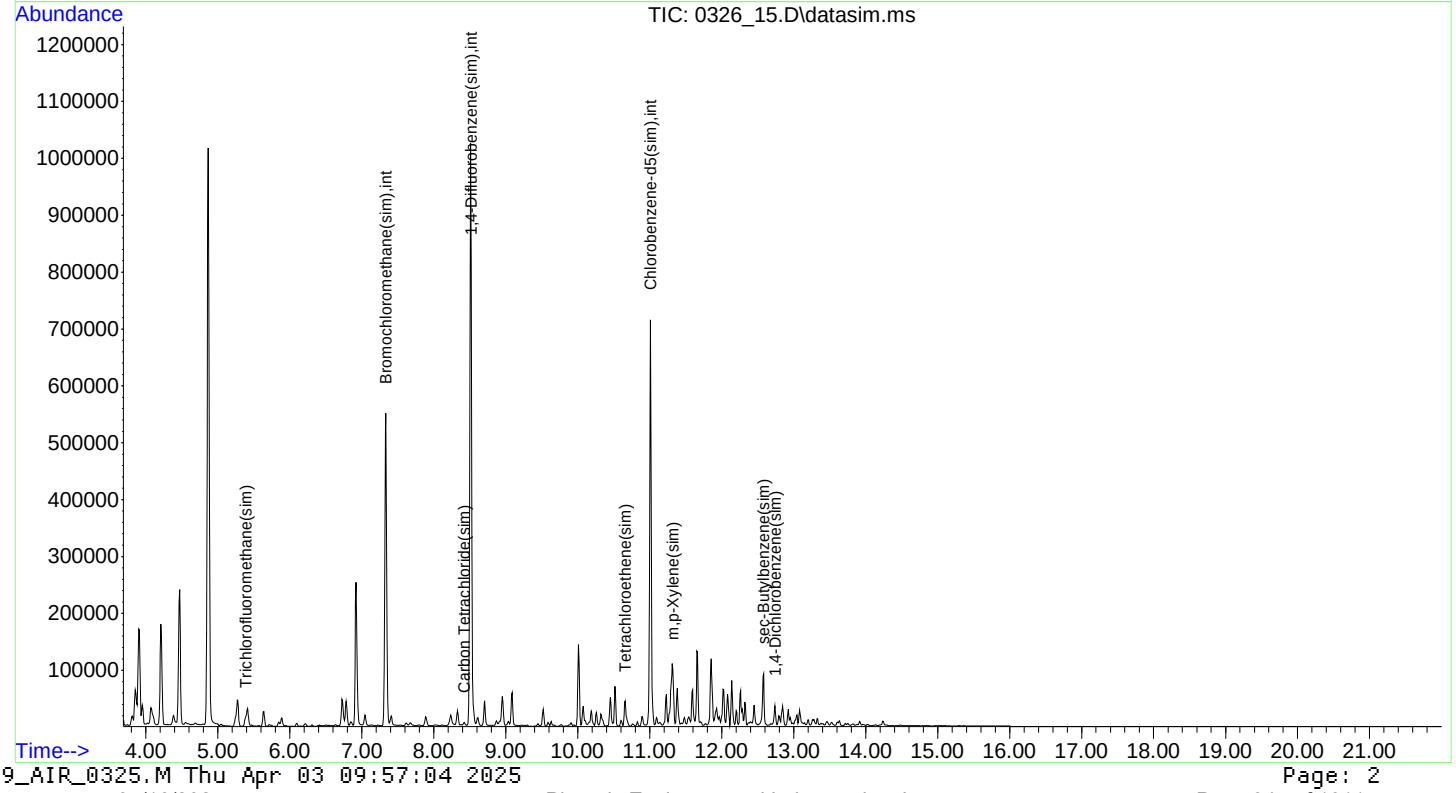
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

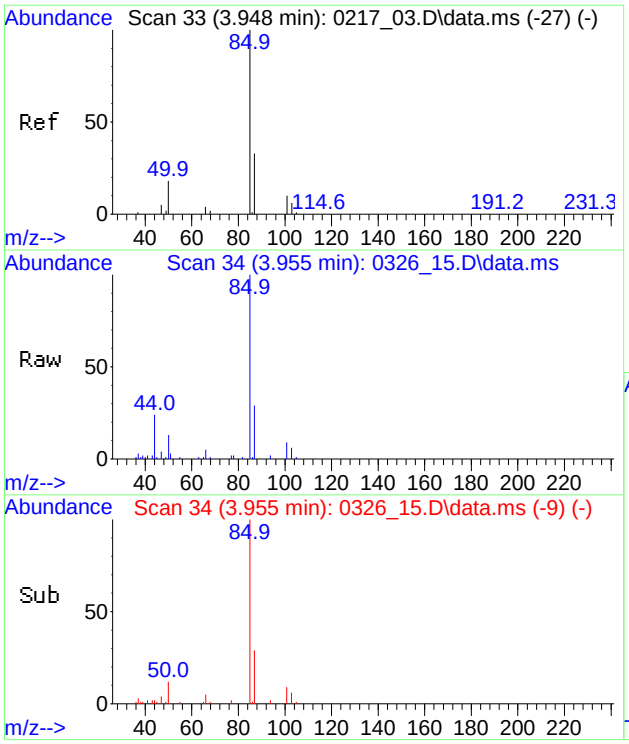
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 11:54 pm
Operator :
Client ID : IA25-13
Lab ID : CS91403
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 27 05:57:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



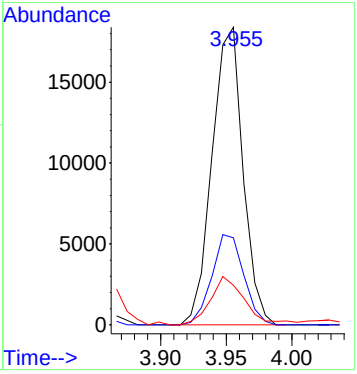


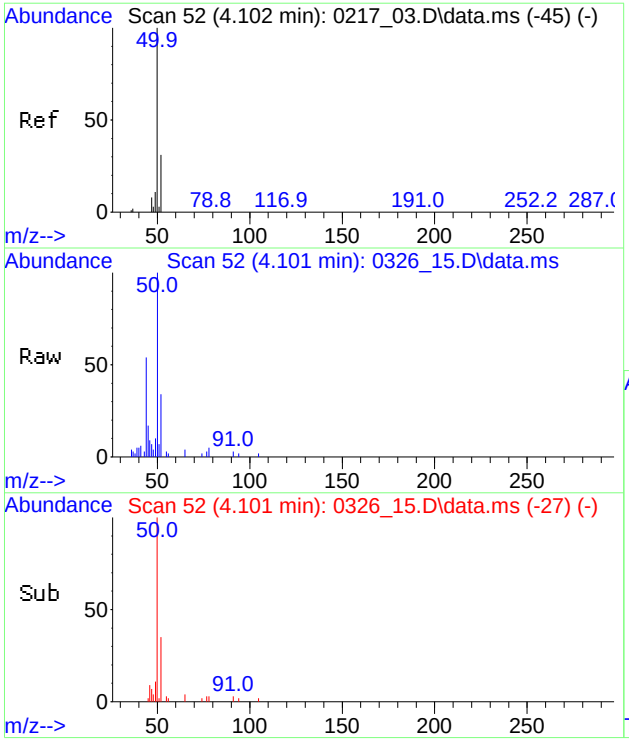


#3
Dichlorodifluoromethane
Conc: 8$ 0.489 ppbv
RT: 3.955 min Scan# 34
Delta R.T. -0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 85 Resp: 30215

Ion	Ratio	Lower	Upper
85	100		
87	31.4	25.4	38.2
50	18.0	13.1	19.7

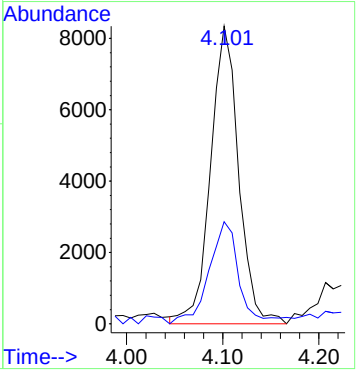


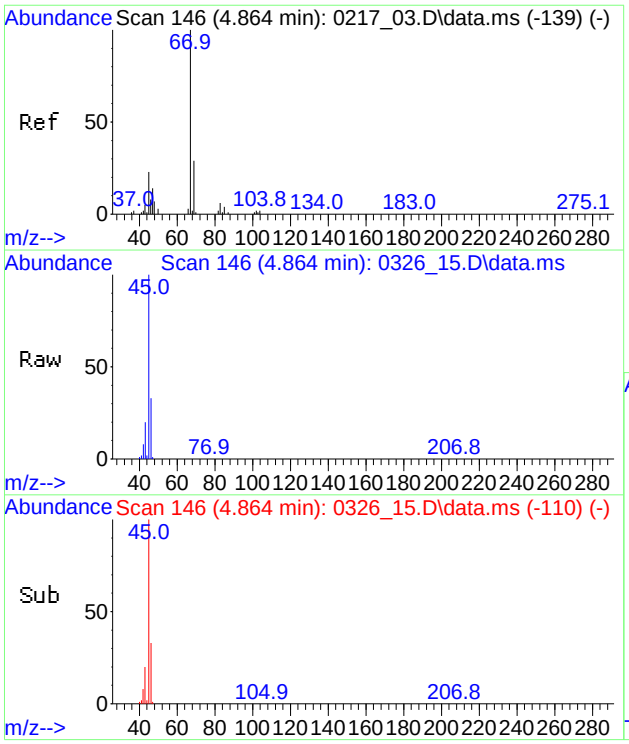


#4
Chloromethane
Conc: 8$ 0.649 ppbv
RT: 4.101 min Scan# 52
Delta R.T. -0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 50 Resp: 17001

Ion	Ratio	Lower	Upper
50	100		
52	36.2	11.0	51.0

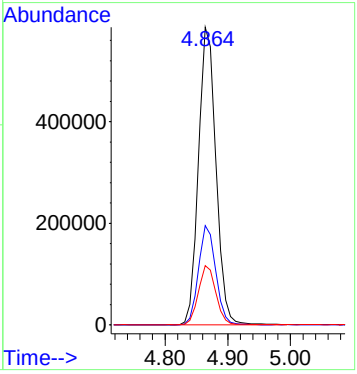


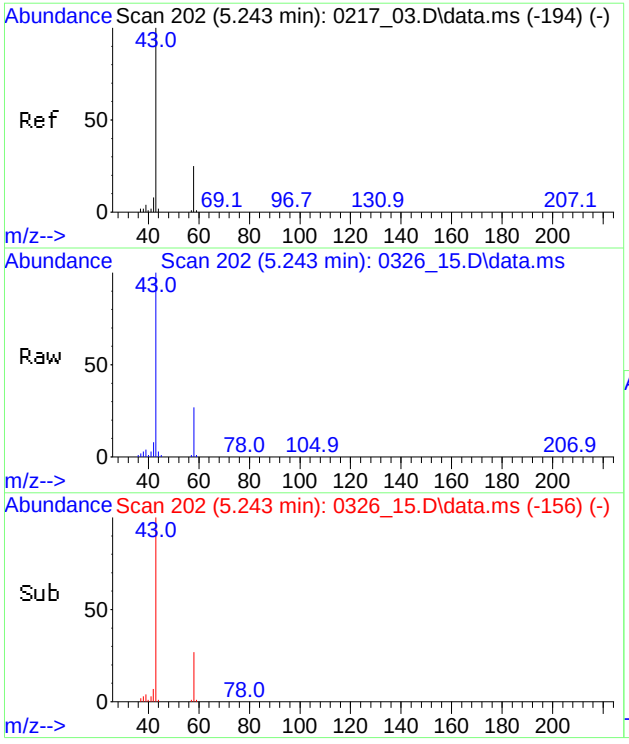


#11
Ethanol
Conc: 8$ 88.576 ppbv
RT: 4.864 min Scan# 146
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 45 Resp: 1131605

Ion	Ratio	Lower	Upper
45	100		
46	32.9	25.4	38.0
43	19.8	21.2	31.8#

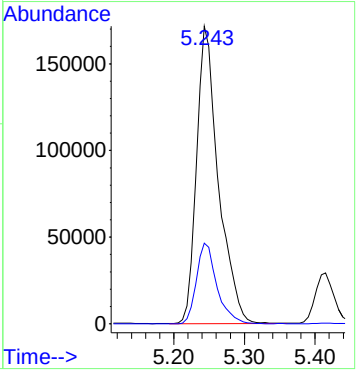


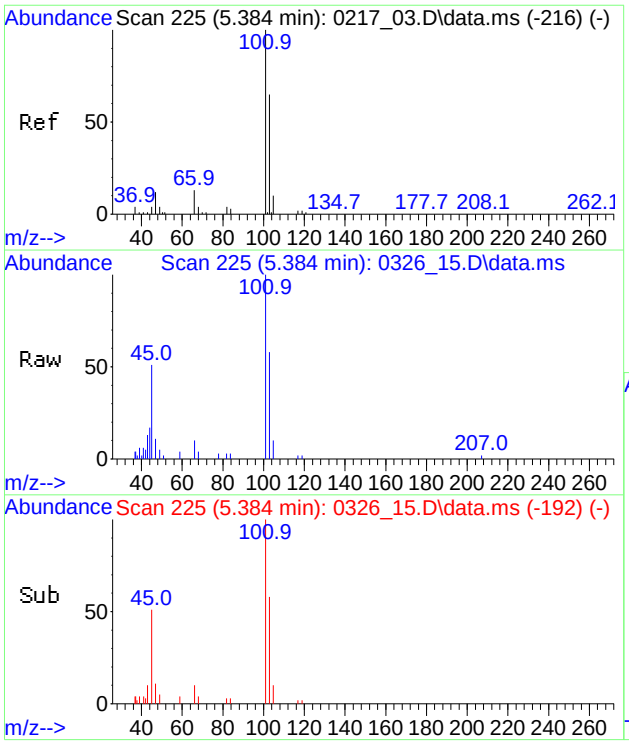


#12
Acetone
Conc: 8$ 7.875 ppbv
RT: 5.243 min Scan# 202
Delta R.T. -0.006 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 43 Resp: 368968

Ion	Ratio	Lower	Upper
43	100		
58	25.3	21.8	32.6

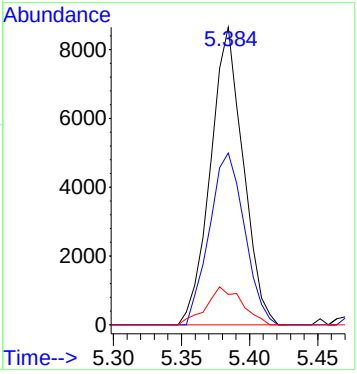


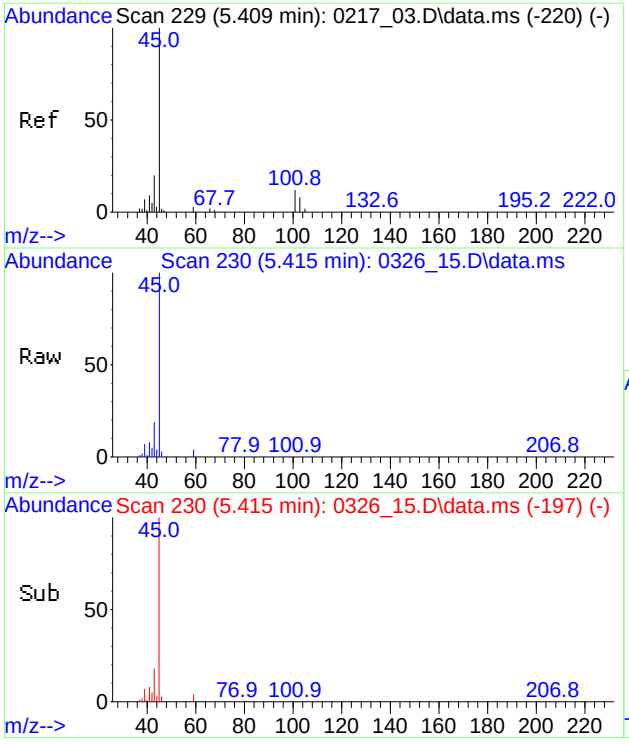


#13
Trichlorofluoromethane
Conc: 8$ 0.221 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:101 Resp: 14392

Ion	Ratio	Lower	Upper
101	100		
103	62.1	51.3	76.9
66	14.0	10.7	16.1

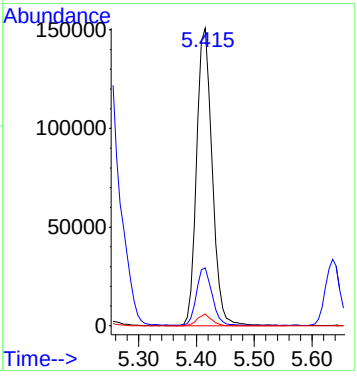


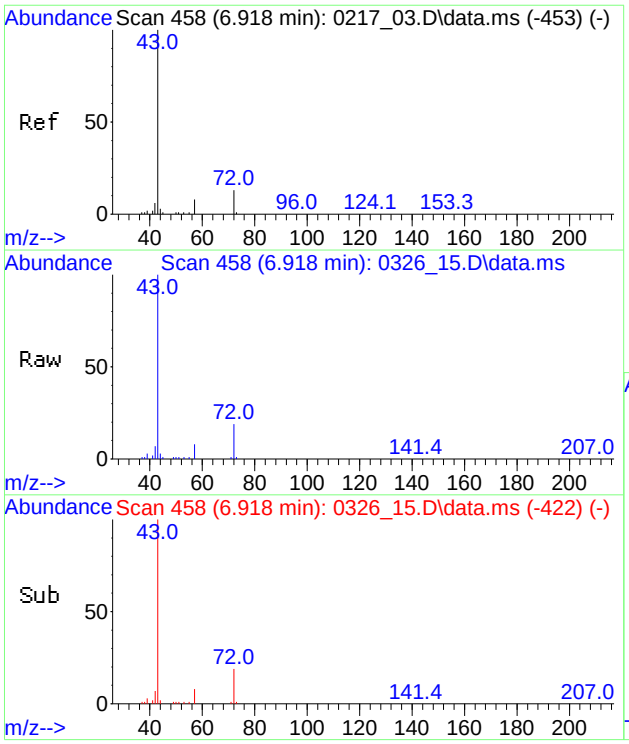


#14
Isopropylalcohol
Conc: 8$ 5.508 ppbv
RT: 5.415 min Scan# 230
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 45 Resp: 280446

Ion	Ratio	Lower	Upper
45	100		
43	19.3	16.8	25.2
59	3.6	2.8	4.2

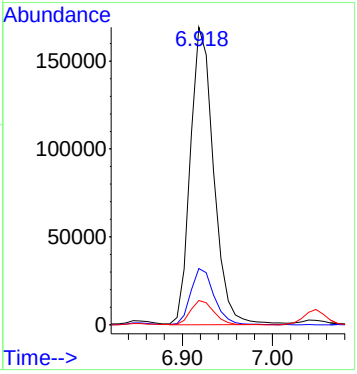


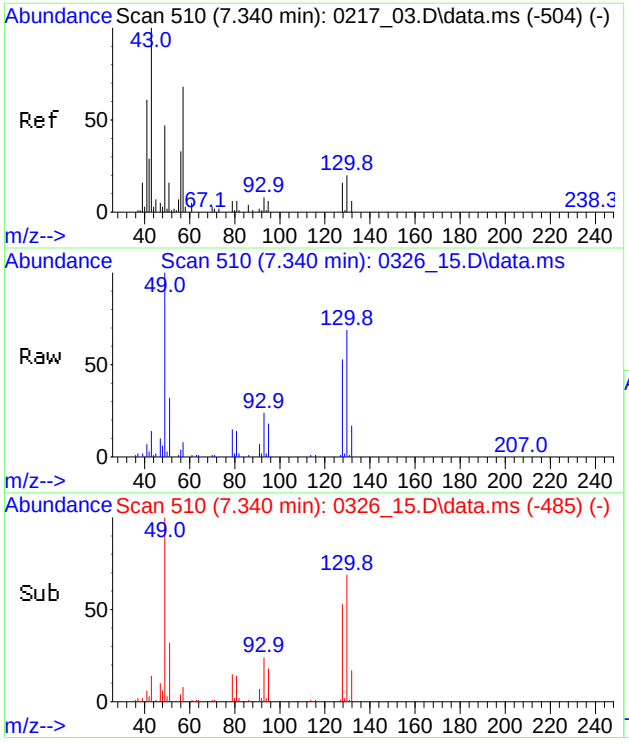


#25
Methyl Ethyl Ketone
Conc: 8$ 5.175 ppbv
RT: 6.918 min Scan# 458
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 43 Resp: 302764

Ion	Ratio	Lower	Upper
43	100		
72	19.2	11.6	17.4#
57	8.3	6.0	9.0

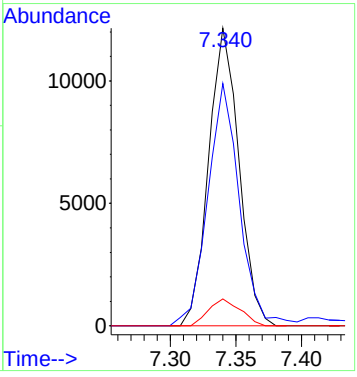


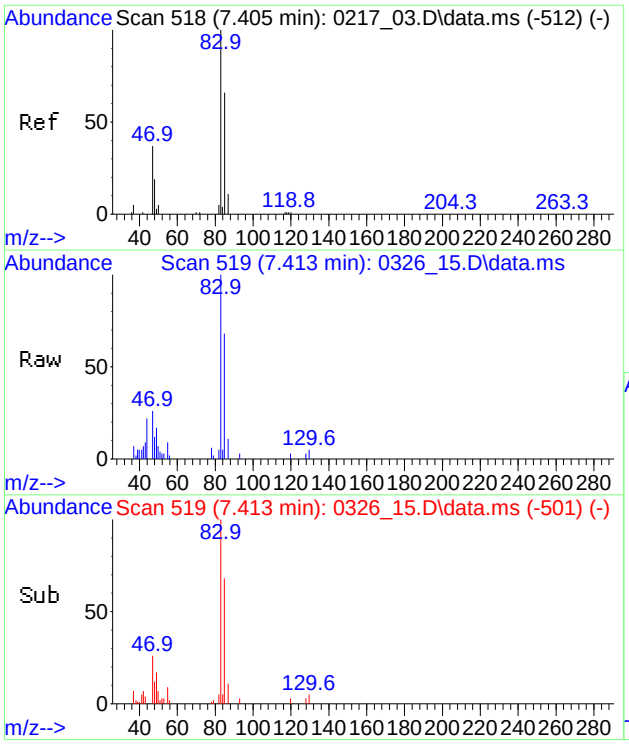


#27
Hexane
Conc: 8$ 0.436 ppbv
RT: 7.340 min Scan# 510
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 57 Resp: 19539

Ion	Ratio	Lower	Upper
57	100		
41	84.9	69.8	104.8
86	9.4	5.8	8.6#

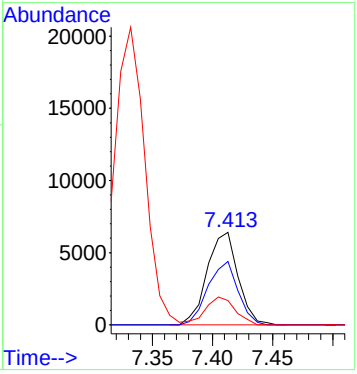


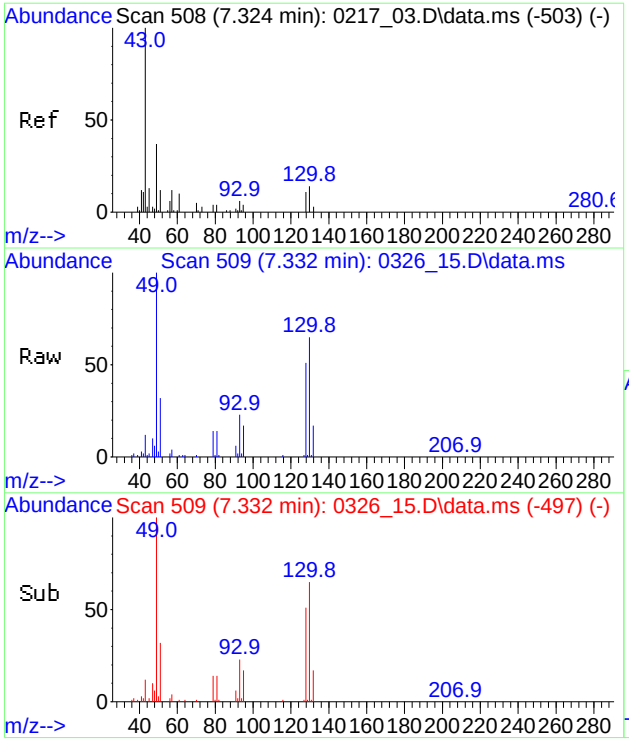


#28
Chloroform
Conc: 8$ 0.219 ppbv
RT: 7.413 min Scan# 519
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 83 Resp: 11537

Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.8	86.8
47	29.2	15.4	55.4

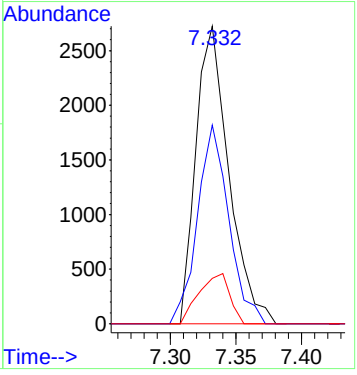


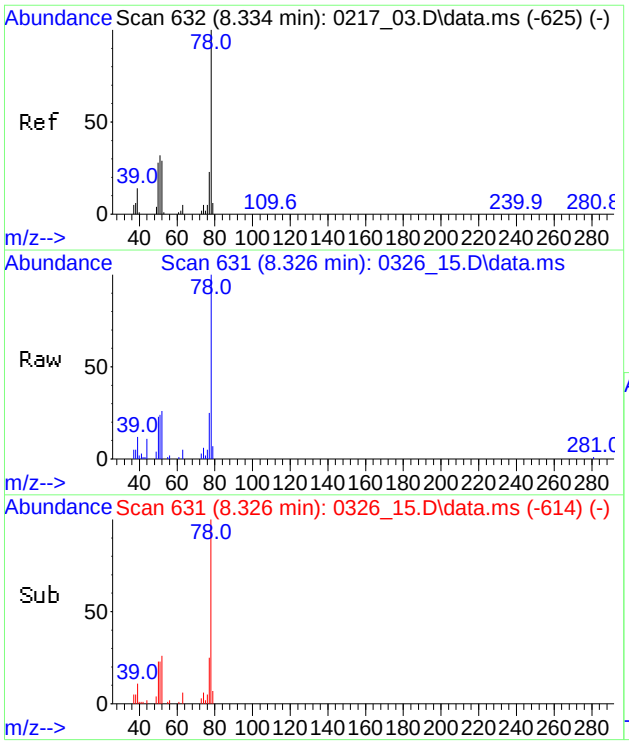


#29
Ethyl acetate
Conc: 8$ 0.471 ppbv
RT: 7.332 min Scan# 509
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 61 Resp: 4747

Ion	Ratio	Lower	Upper
61	100		
70	63.6	46.3	69.5
88	15.8	12.4	18.6

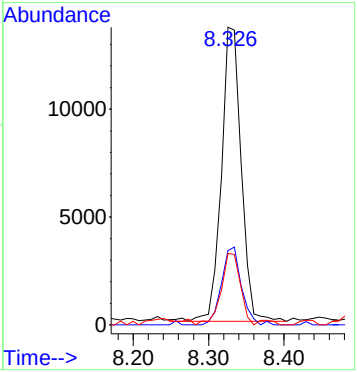


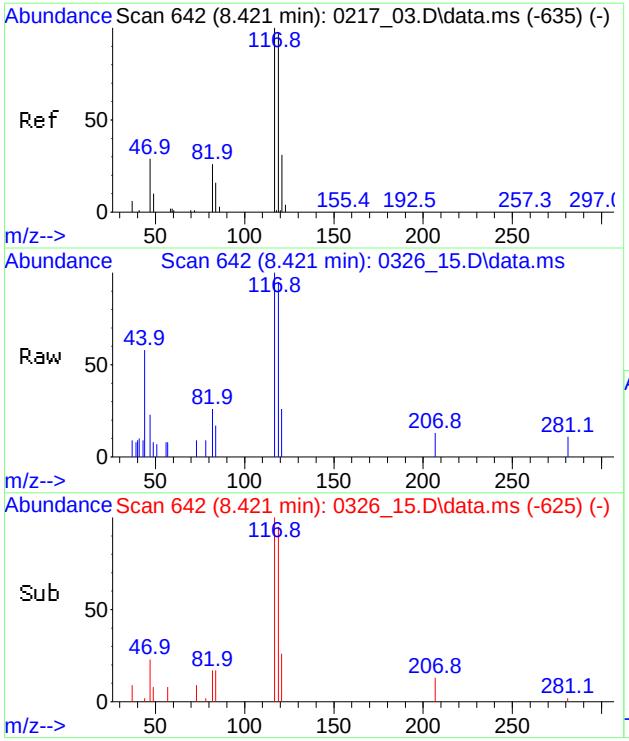


#33
Benzene
Conc: 8$ 0.337 ppbv
RT: 8.326 min Scan# 631
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 78 Resp: 24883

Ion	Ratio	Lower	Upper
78	100		
77	26.7	18.9	28.3
51	23.4	23.9	35.9#

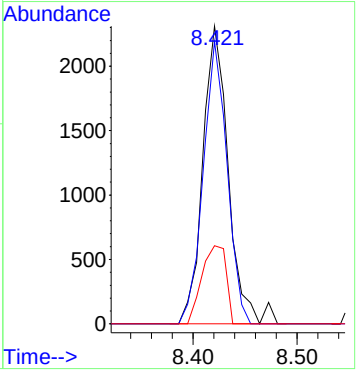


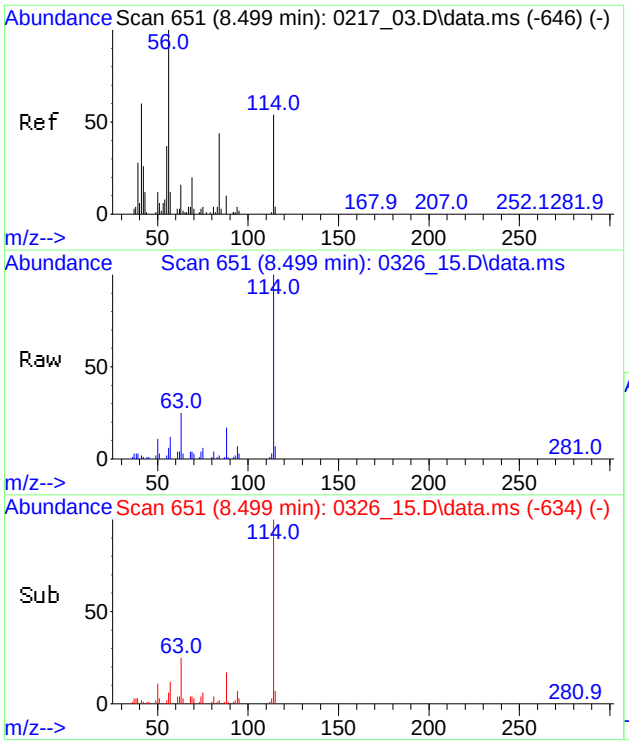


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.421 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:117 Resp: 3954

Ion	Ratio	Lower	Upper
117	100		
119	88.3	75.8	115.8
121	24.7	11.5	51.5

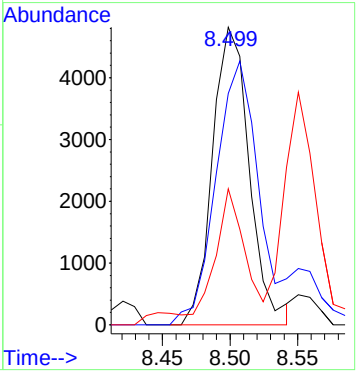


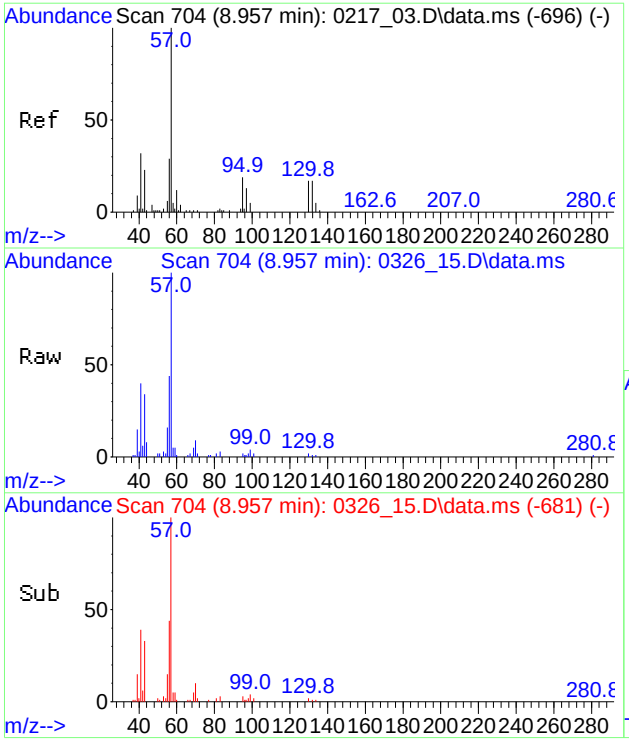


#35
Cyclohexane
Conc: 8$ 0.318 ppbv
RT: 8.499 min Scan# 651
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 84 Resp: 9130

Ion	Ratio	Lower	Upper
84	100		
55	104.0	69.5	104.3
42	31.6	41.7	62.5#

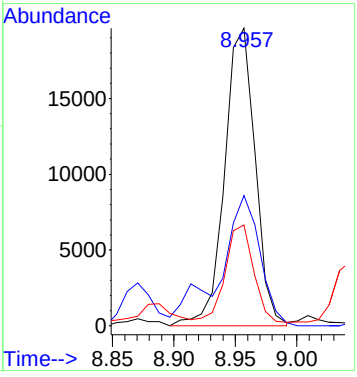


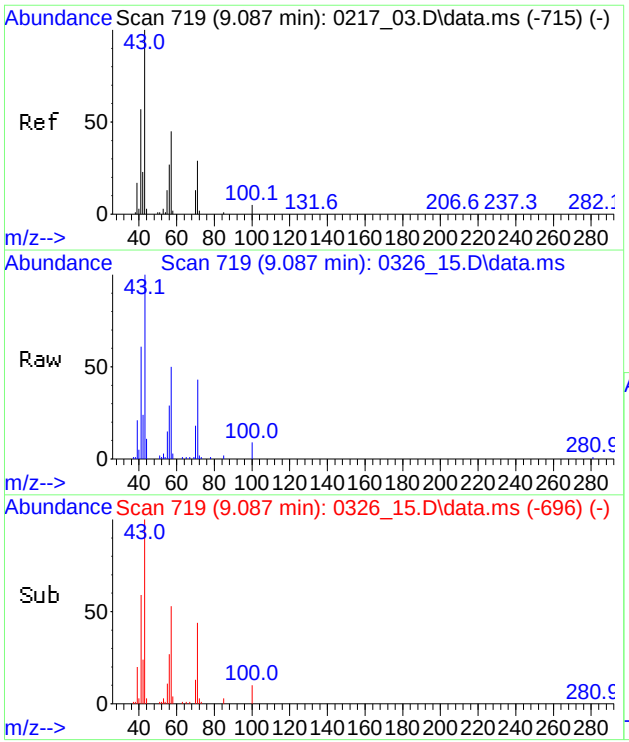


#40
2,2,4-trimethylpentane
Conc: 8$ 0.241 ppbv
RT: 8.957 min Scan# 704
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 57 Resp: 34093

Ion	Ratio	Lower	Upper
57	100		
56	57.7	24.1	36.1#
43	30.7	20.1	30.1#

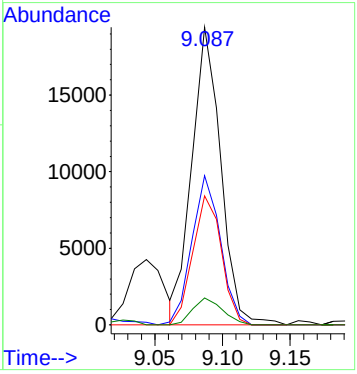


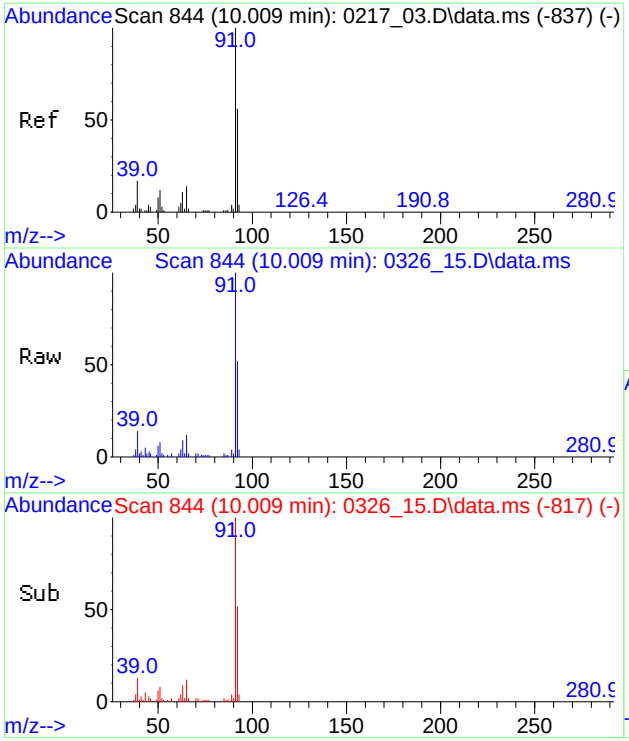


#43
Heptane
Conc: 8$ 0.504 ppbv
RT: 9.087 min Scan# 719
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 43 Resp: 28978

Ion	Ratio	Lower	Upper
43	100		
57	49.7	37.4	56.0
71	43.0	26.7	40.1#
100	9.3	4.7	7.1#

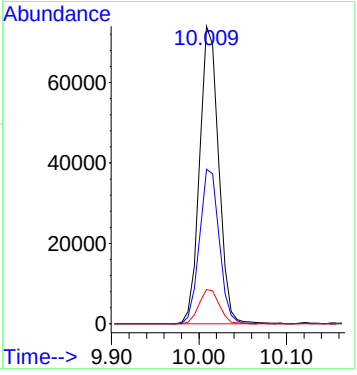


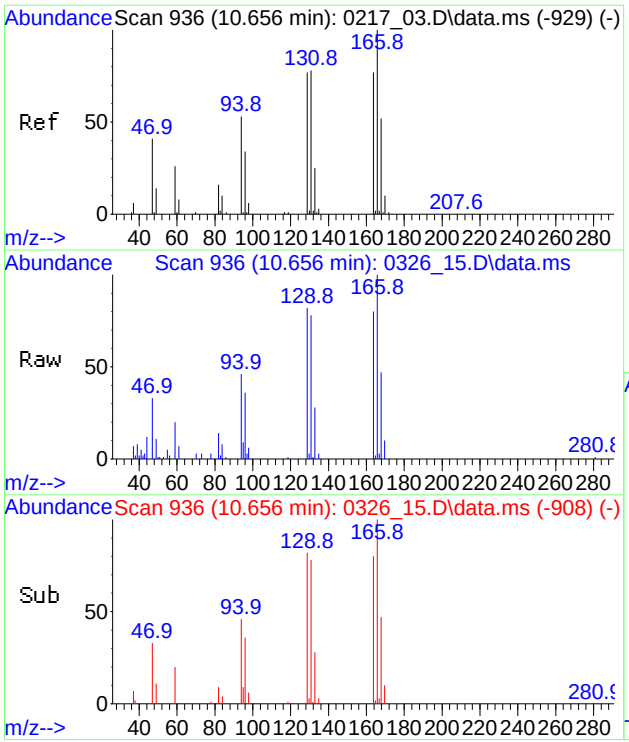


#48
Toluene
Conc: 8$ 1.216 ppbv
RT: 10.009 min Scan# 844
Delta R.T. -0.006 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 91 Resp: 112135

Ion	Ratio	Lower	Upper
91	100		
92	53.6	42.6	63.8
65	12.3	10.0	15.0

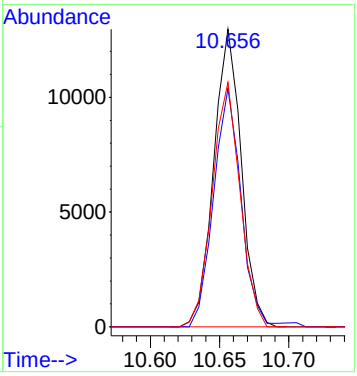


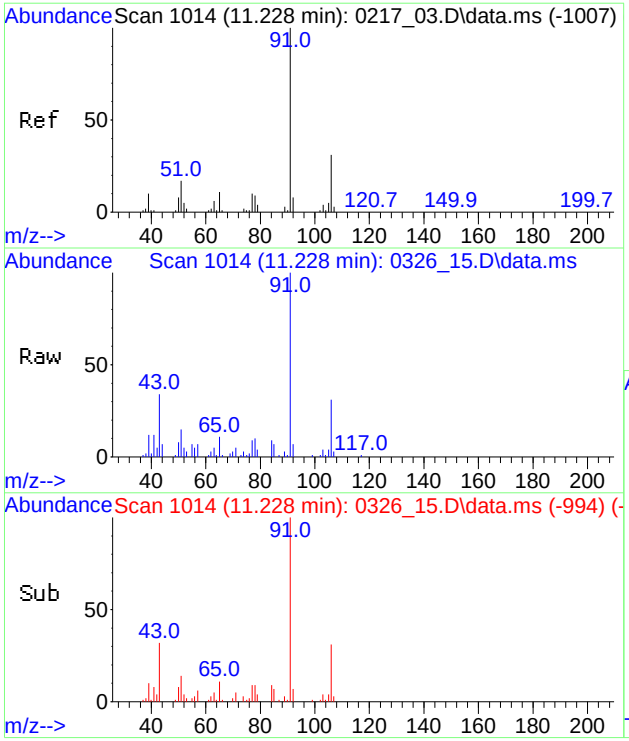


#52
Tetrachloroethene
Conc: 8$ 0.408 ppbv
RT: 10.656 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:166 Resp: 17953

Ion	Ratio	Lower	Upper
166	100		
164	80.3	61.8	92.8
129	83.1	62.3	93.5

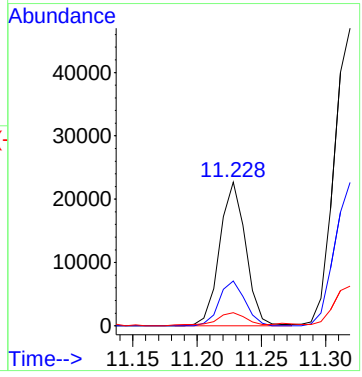


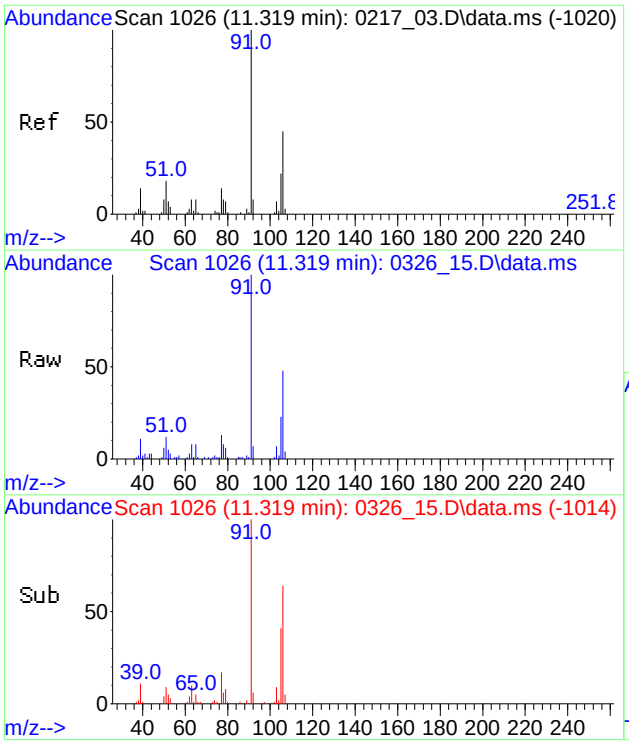


#56
Ethylbenzene
Conc: 8$ 0.277 ppbv
RT: 11.228 min Scan# 1014
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 91 Resp: 32114

Ion	Ratio	Lower	Upper
91	100		
106	30.8	9.8	49.8
77	11.2	0.0	29.5

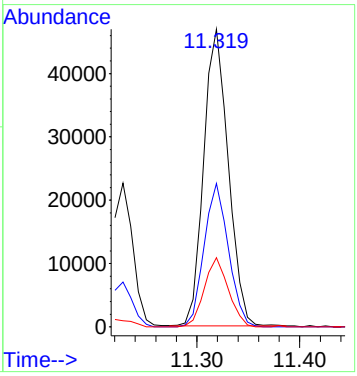


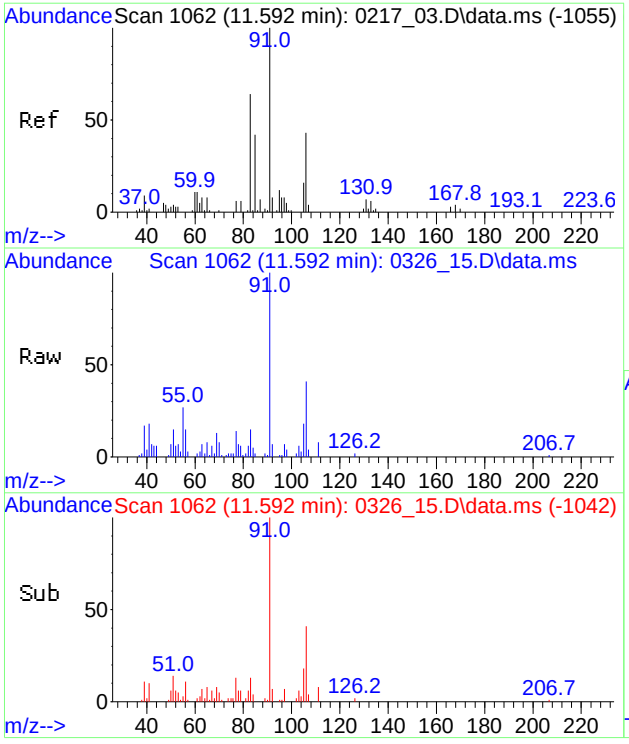


#57
m,p-Xylene
Conc: 8$ 0.884 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 91 Resp: 77750

Ion	Ratio	Lower	Upper
91	100		
106	47.9	36.7	55.1
105	22.9	19.2	28.8

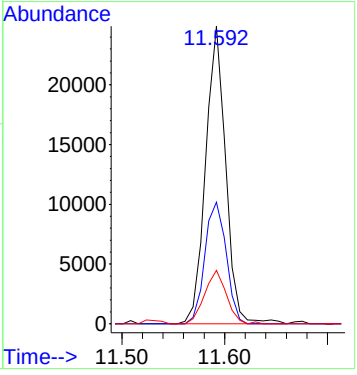


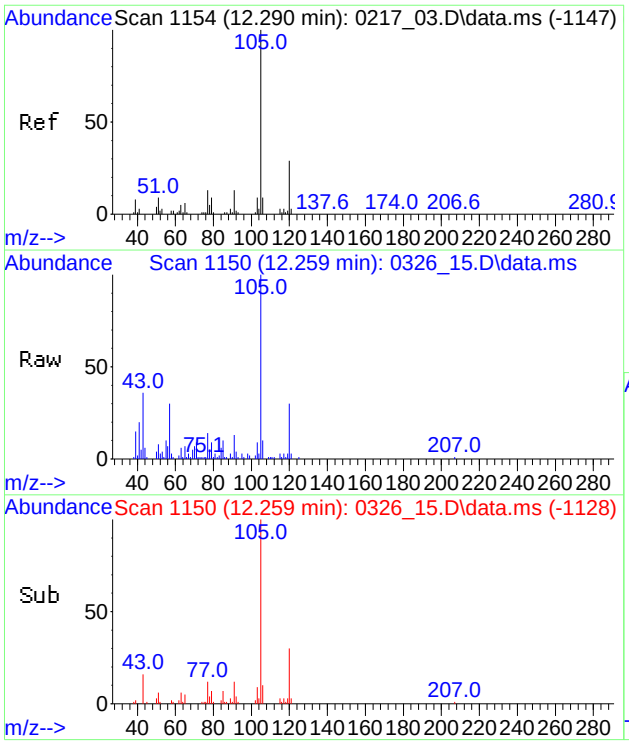


#61
o-Xylene
Conc: 8$ 0.358 ppbv
RT: 11.592 min Scan# 1062
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 91 Resp: 33828

Ion	Ratio	Lower	Upper
91	100		
106	43.4	34.5	51.7
105	19.5	17.1	25.7

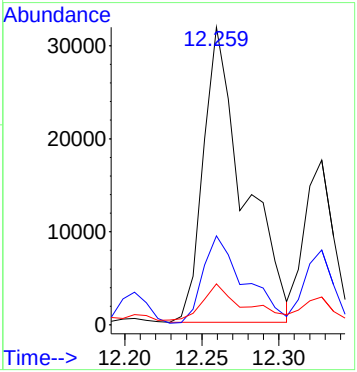


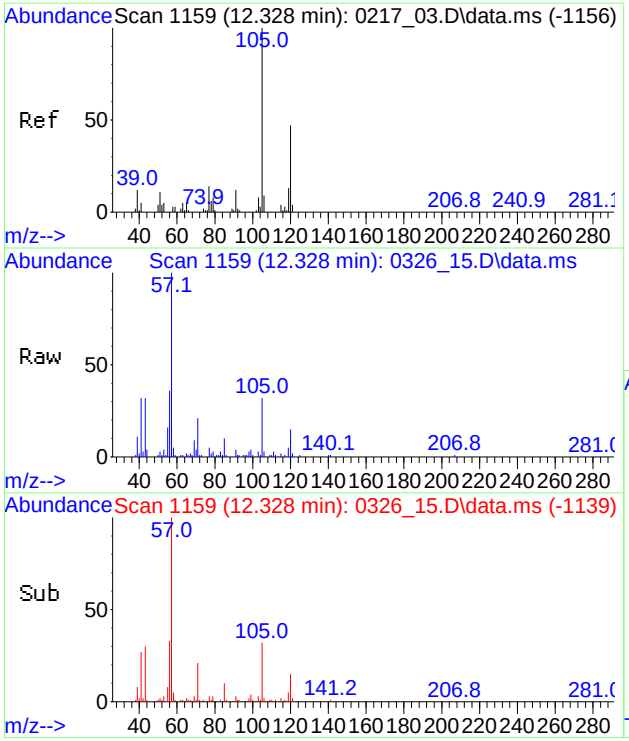


#65
4-Ethyltoluene
Conc: 8$ 0.457 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:105 Resp: 58435

Ion	Ratio	Lower	Upper
105	100		
120	31.9	22.9	34.3
77	11.8	10.1	15.1

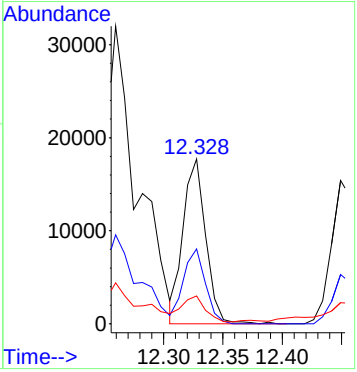


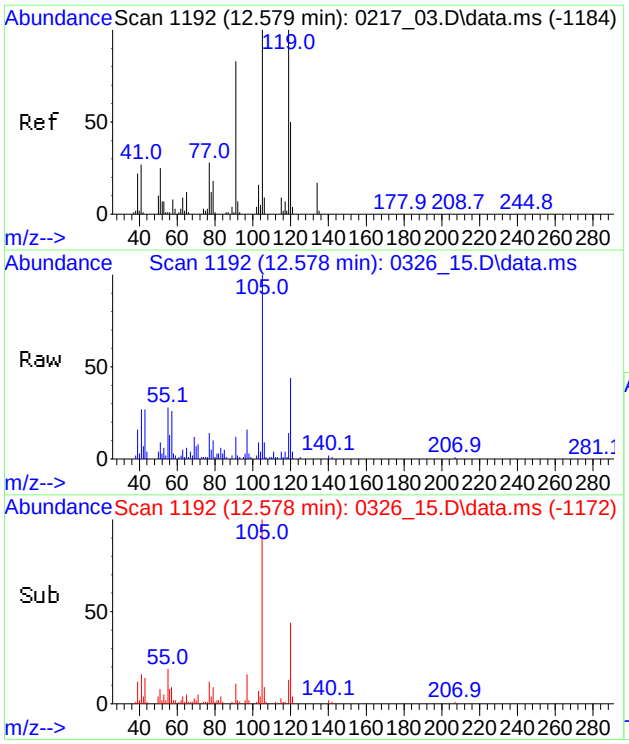


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.228 ppbv
RT: 12.328 min Scan# 1159
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:105 Resp: 23700

Ion	Ratio	Lower	Upper
105	100		
120	44.3	33.9	50.9
77	16.0	10.9	16.3

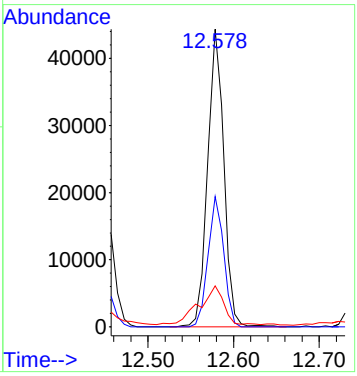


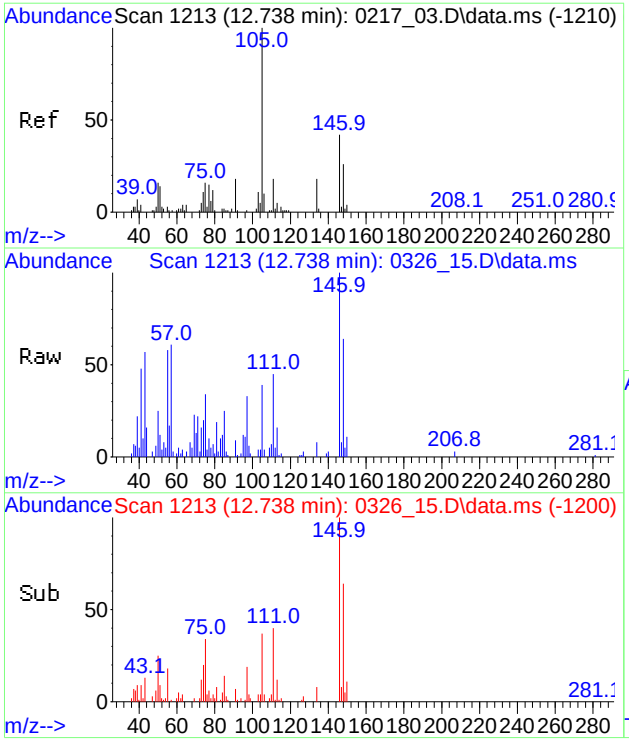


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.541 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:105 Resp: 58325

Ion	Ratio	Lower	Upper
105	100		
120	42.5	39.4	59.2
77	19.5	22.4	33.6#

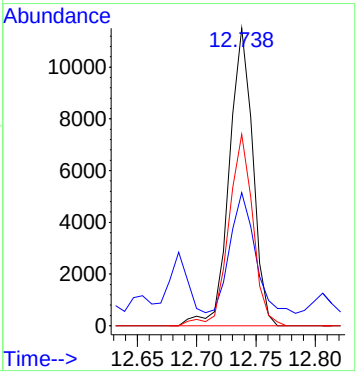


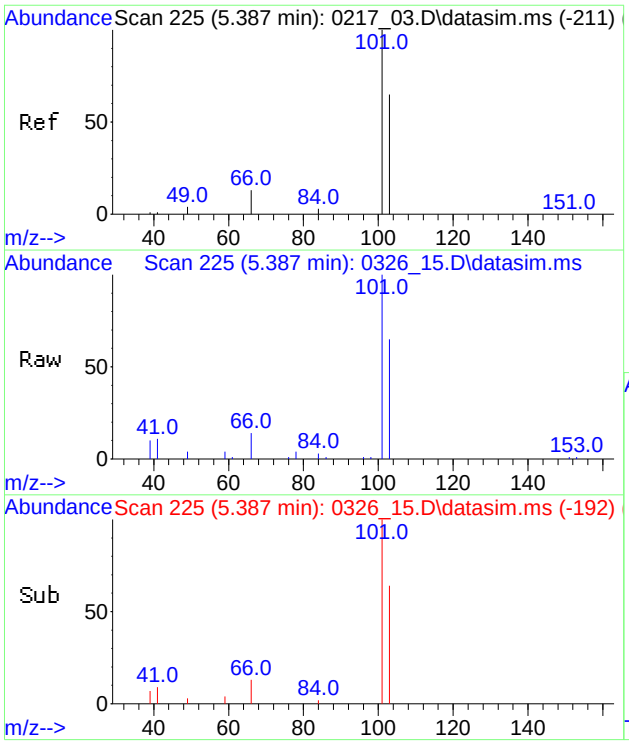


#70
1,4-Dichlorobenzene
Conc: 8$ 0.243 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:146 Resp: 15936

Ion	Ratio	Lower	Upper
146	100		
111	42.7	31.9	47.9
148	65.8	51.0	76.6

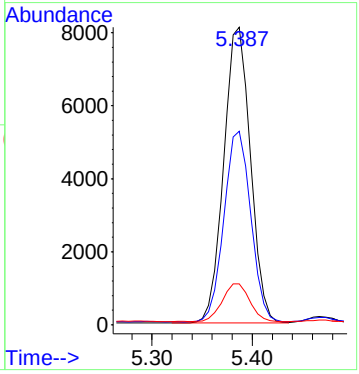


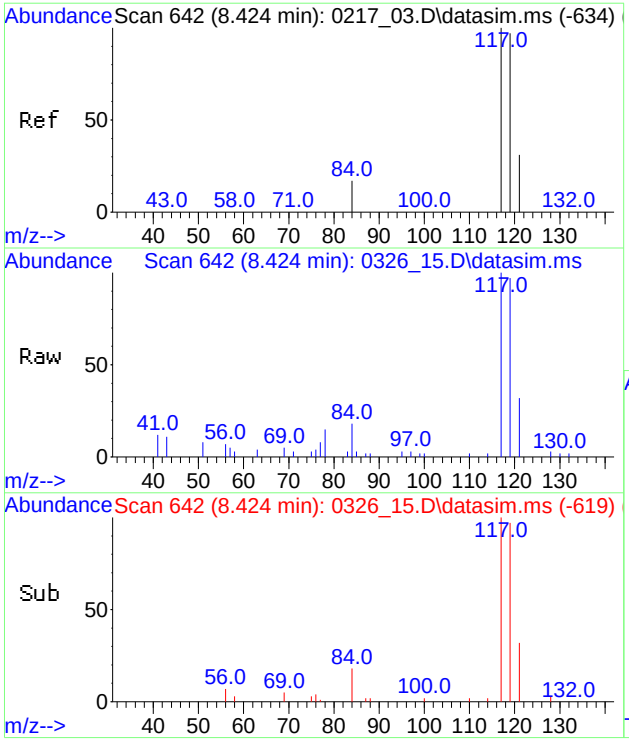


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.207 ppbv
RT: 5.387 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:101 Resp: 14982

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6
66	13.3	13.2	13.2#

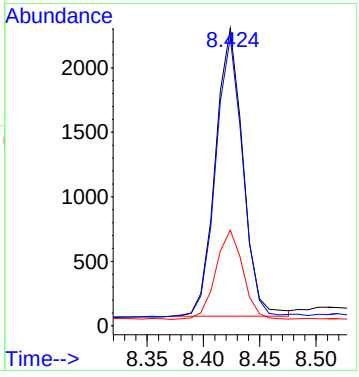


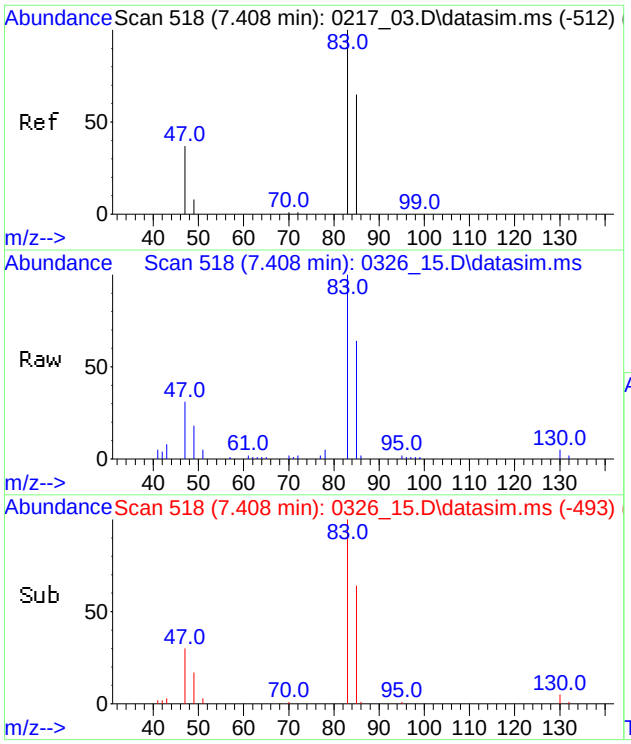


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.060 ppbv
RT: 8.424 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:117 Resp: 3791

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	30.5	24.4	36.6

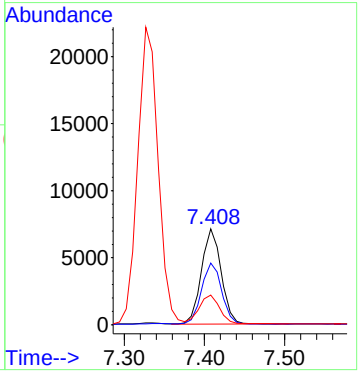


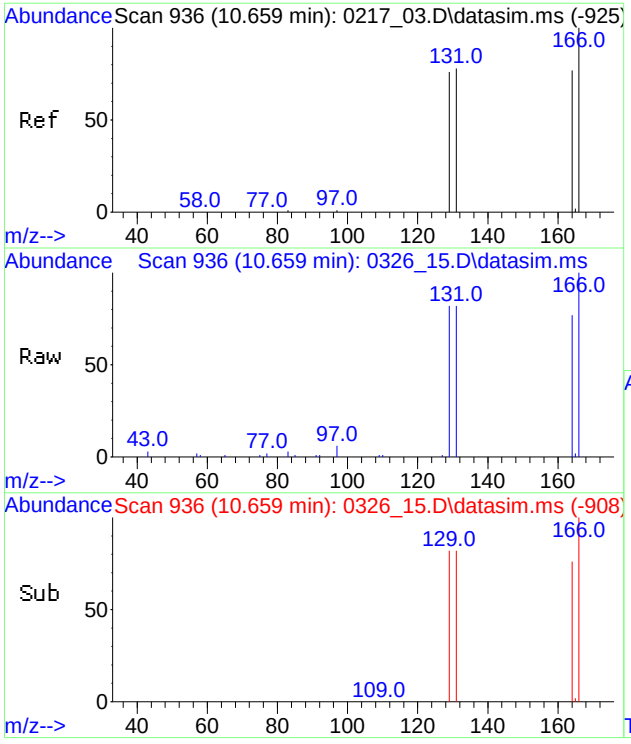


#92
Chloroform(sim)
Conc: 8$ 0.196 ppbv
RT: 7.408 min Scan# 518
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 83 Resp: 12131

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4
47	32.1	28.2	42.2

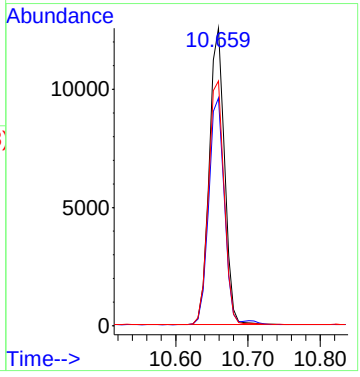


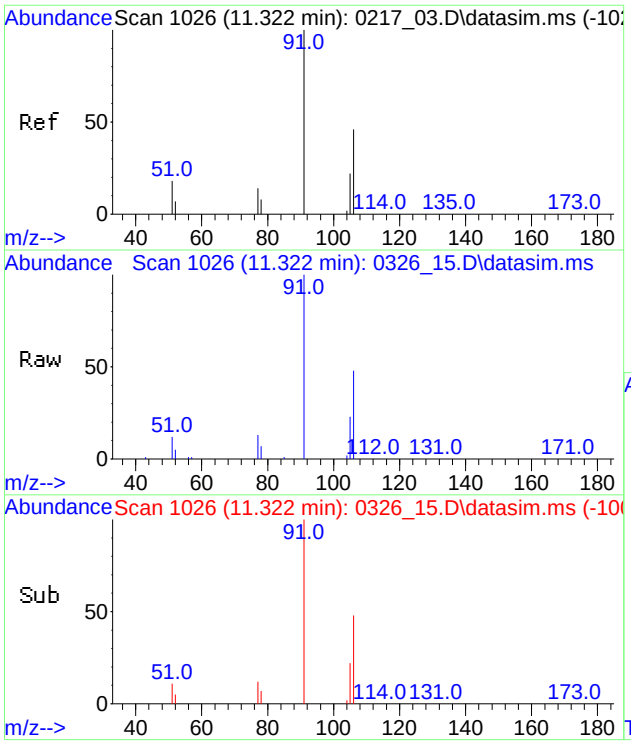


#102
Tetrachloroethene(sim)
Conc: 8$ 0.397 ppbv
RT: 10.659 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:166 Resp: 18303

Ion	Ratio	Lower	Upper
166	100		
164	77.9	58.6	98.6
129	84.3	57.2	97.2

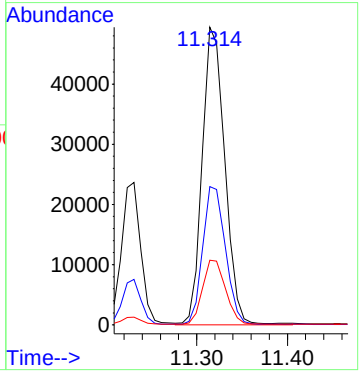


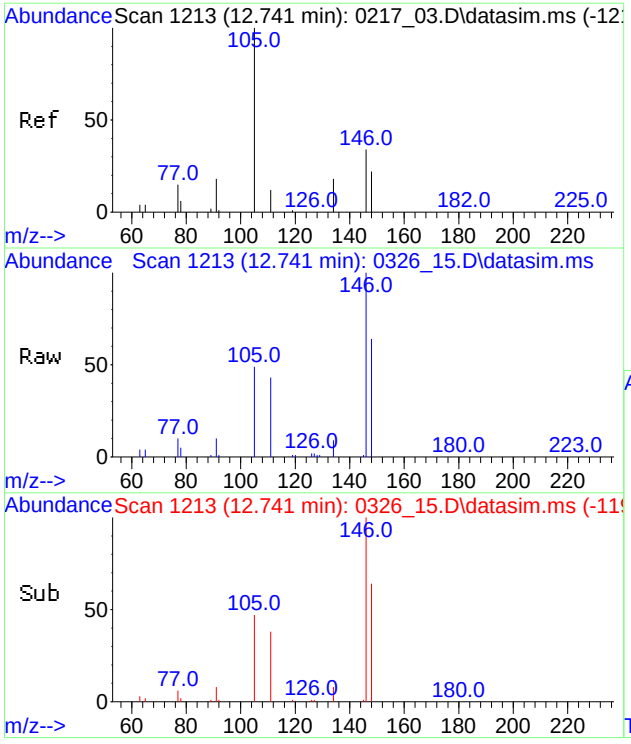


#105
m,p-Xylene(sim)
Conc: 8$ 0.818 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion: 91 Resp: 78995

Ion	Ratio	Lower	Upper
91	100		
106	47.1	41.0	50.1
105	22.5	19.1	28.7

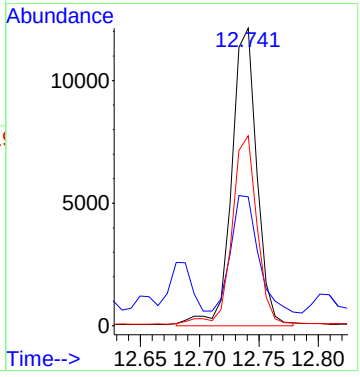


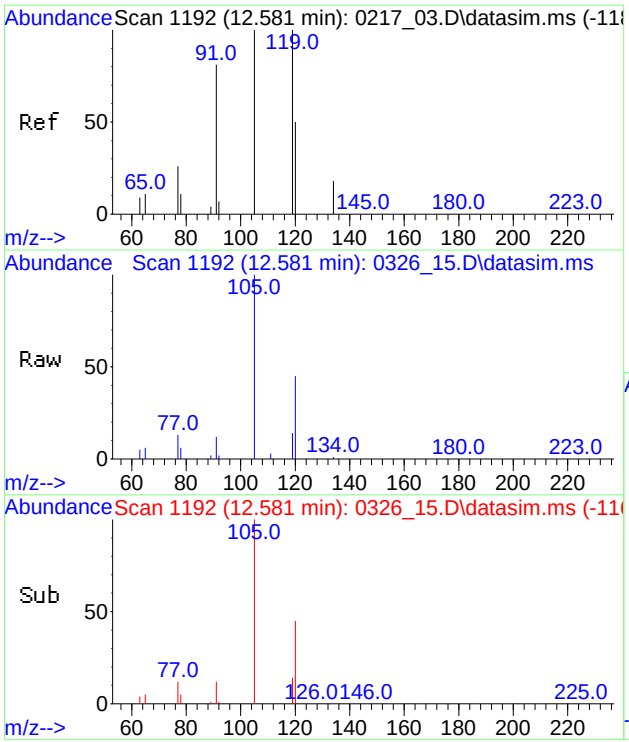


#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.231 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:146 Resp: 16013

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.9	59.9
148	65.5	43.8	83.8

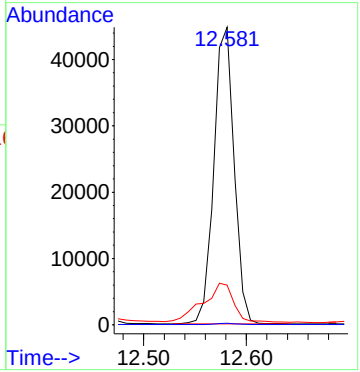




#110
sec-Butylbenzene(sim)
Conc: 8$ 0.480 ppbv
RT: 12.581 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 11:54 pm

Tgt Ion:105 Resp: 61424

Ion	Ratio	Lower	Upper
105	100		
134	0.4	0.0	38.0
77	19.9	7.1	47.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-06

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91404

Canister: 23346 Lab File ID: 0326_18.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.489		0.202	0.202	r
74-87-3	Chloromethane	0.587		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	43.0	ES	0.531	0.531	r
67-64-1	Acetone	6.88	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.25	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	9.61		0.339	0.339	r
110-54-3	Hexane	0.553	S	0.284	0.284	r
67-66-3	Chloroform	0.321		0.205	0.205	r
141-78-6	Ethyl acetate	0.375		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.450		0.313	0.313	r
110-82-7	Cyclohexane	0.463		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.246		0.215	0.215	r
142-82-5	Heptane	0.733		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	1.50		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.588		0.037	0.037	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
100-41-4	Ethylbenzene	0.381		0.230	0.230	r
179601-23-1	m,p-Xylene	1.17		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.471		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.21		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.453		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.06		0.204	0.204	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

IA25-06

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91404

Canister: 23346 Lab File ID: 0326_18.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.071		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_18.D
Acq On : 26 Mar 2025 10:41 pm
Operator :
Client ID : IA25-06
Lab ID : CS91404
ALS Vial : 10 Sample Multiplier: 1

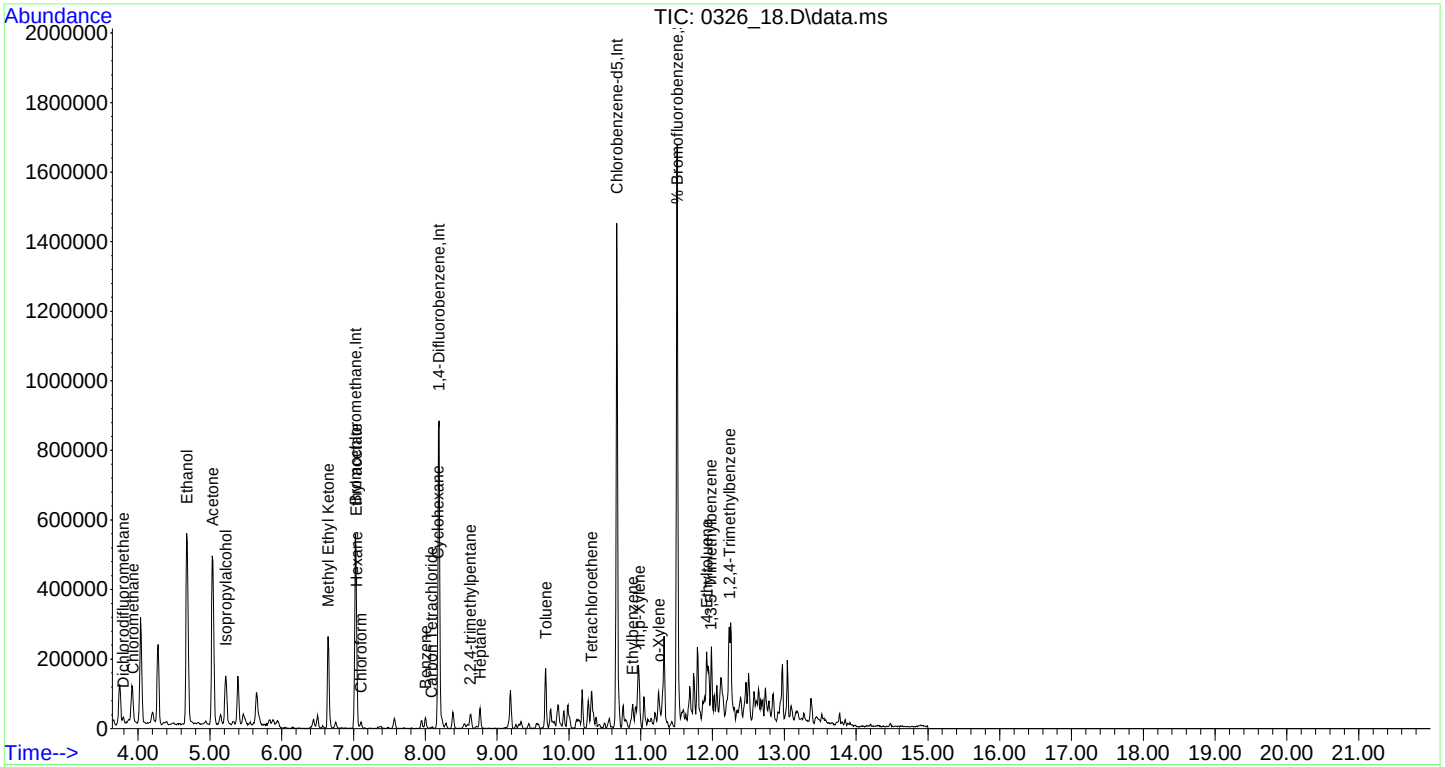
Quant Time: Mar 27 05:26:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

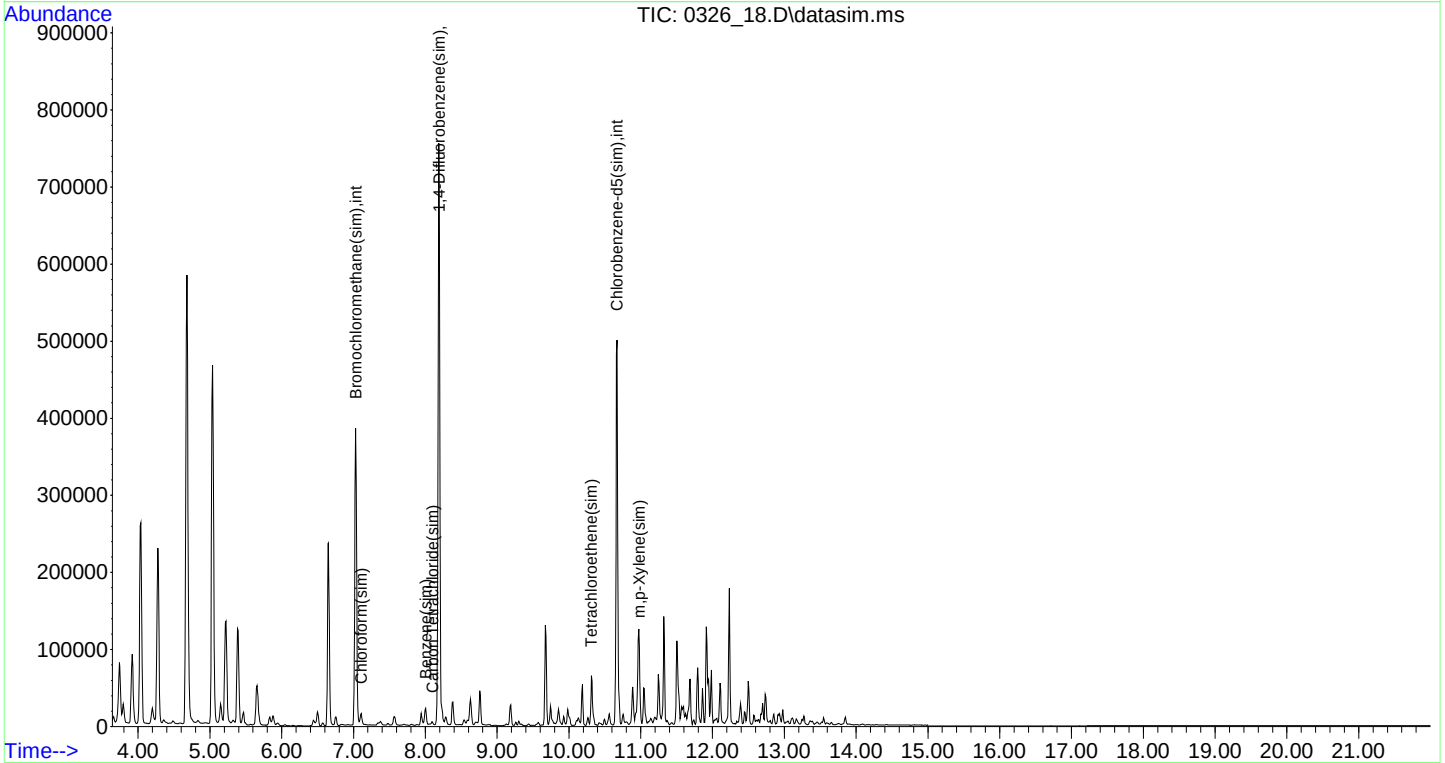
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	177343	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	629411	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	327775	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	197971	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	630709	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	327775	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	399792	11.081	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	26764	0.489	ppbv		100
4) Chloromethane	3.930	50	17421	0.587	ppbv		95
11) Ethanol	4.676	45	685460	43.030	ppbv#		39
12) Acetone	5.033	43	485841	6.875	ppbv#		81
14) Isopropylalcohol	5.220	45	171763	2.245	ppbv#		94
25) Methyl Ethyl Ketone	6.648	43	288410	9.609	ppbv#		93
27) Hexane	7.042	57	11669	0.553	ppbv		99
28) Chloroform	7.104	83	10665	0.320	ppbv		97
29) Ethyl acetate	7.034	61	1794	0.375	ppbv#		85
33) Benzene	8.002	78	20056	0.449	ppbv		96
34) Carbon Tetrachloride	8.088	117	2461	0.065	ppbv		95
35) Cyclohexane	8.175	84	8705	0.463	ppbv		97
40) 2,2,4-trimethylpentane	8.624	57	19650	0.246	ppbv#		54
43) Heptane	8.763	43	21306	0.733	ppbv		91
48) Toluene	9.677	91	98679	1.503	ppbv#		96
52) Tetrachloroethene	10.318	166	23029	0.588	ppbv		94
56) Ethylbenzene	10.887	91	30315	0.381	ppbv		86
57) m,p-Xylene	10.978	91	72415	1.172	ppbv		100
61) o-Xylene	11.251	91	31951	0.471	ppbv#		91
65) 4-Ethyltoluene	11.918	105	114990	1.208	ppbv		93
66) 1,3,5-Trimethylbenzene	11.979	105	34816	0.453	ppbv#		89
67) 1,2,4-Trimethylbenzene	12.237	105	97299	1.059	ppbv#		85
85] Benzene(sim)	8.002	78	20056	0.402	ppbv		96
86] Carbon Tetrachloride(sim)	8.100	117	2848	0.071	ppbv		98
92] Chloroform(sim)	7.107	83	11672	0.296	ppbv		98
102] Tetrachloroethene(sim)	10.314	166	26565	0.669	ppbv		92
105] m,p-Xylene(sim)	10.978	91	72415	1.095	ppbv#		90

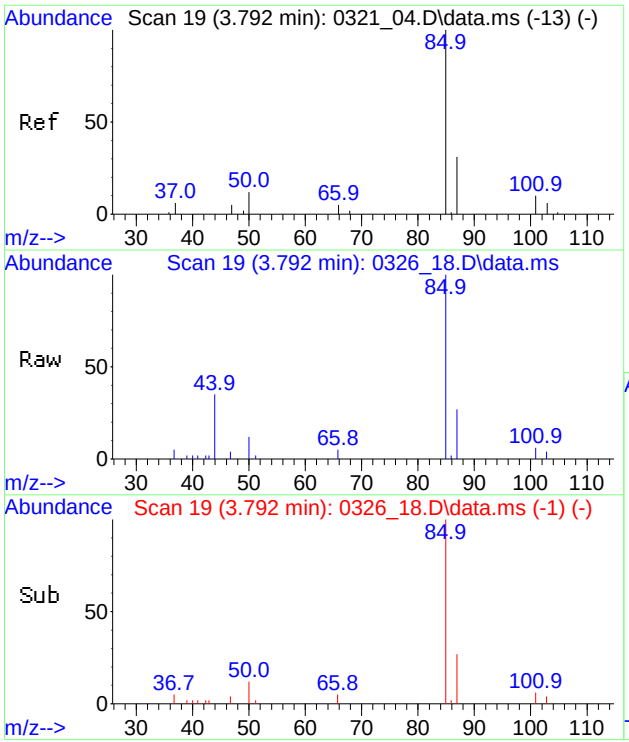
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_18.D
Acq On : 26 Mar 2025 10:41 pm
Operator :
Client ID : IA25-06
Lab ID : CS91404
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 27 05:26:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



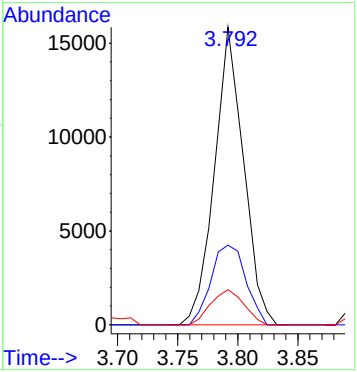


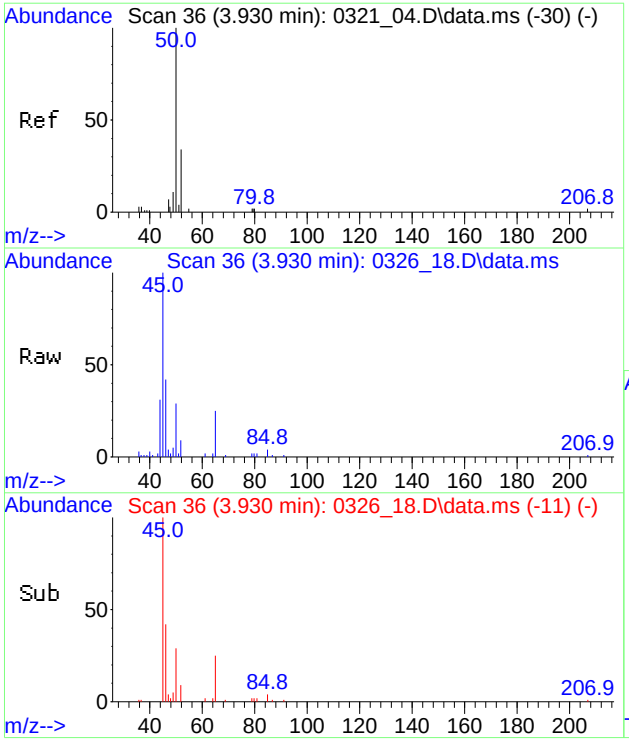


#3
Dichlorodifluoromethane
Conc: 8$ 0.489 ppbv
RT: 3.792 min Scan# 19
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 85 Resp: 26764

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.8	38.8
50	13.4	10.6	15.8

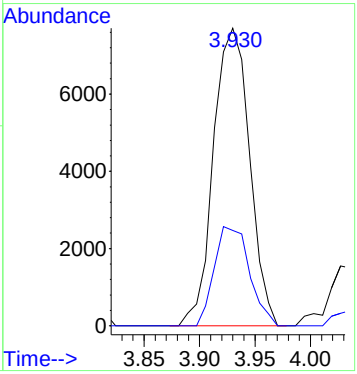


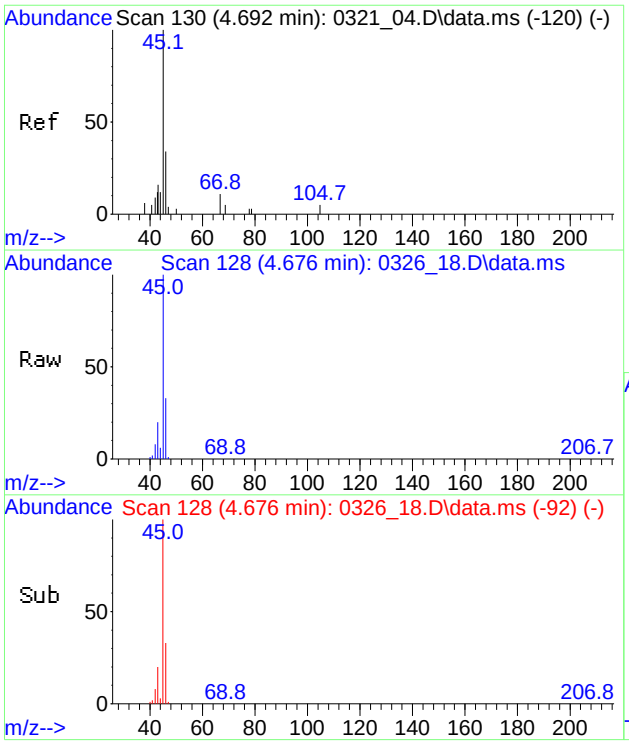


#4
Chloromethane
Conc: 8$ 0.587 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 50 Resp: 17421

Ion	Ratio	Lower	Upper
50	100		
52	32.4	15.5	55.5

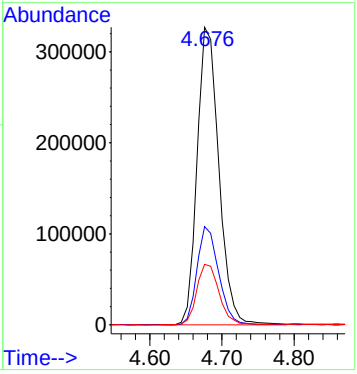


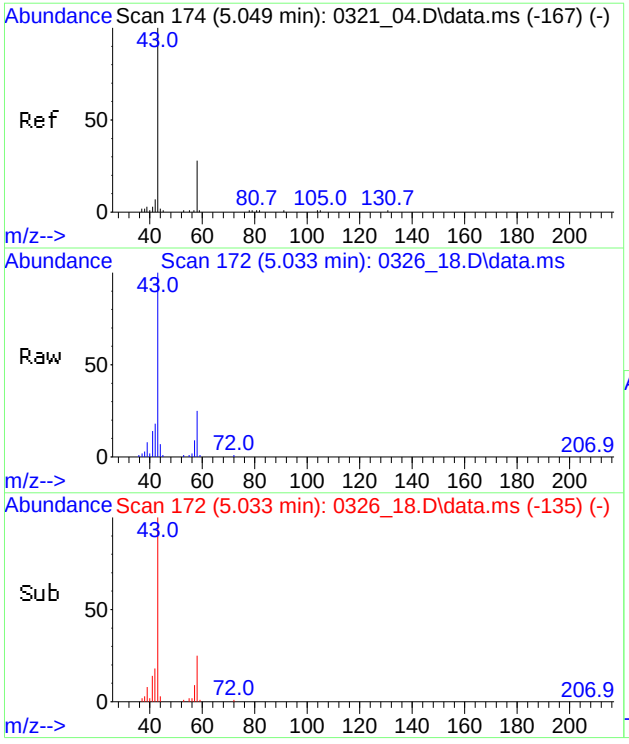


#11
Ethanol
Conc: 8$ 43.030 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 45 Resp: 685460

Ion	Ratio	Lower	Upper
45	100		
46	33.0	0.6	0.8#
43	21.1	0.0	0.0#

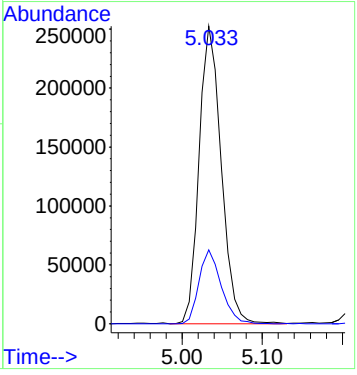


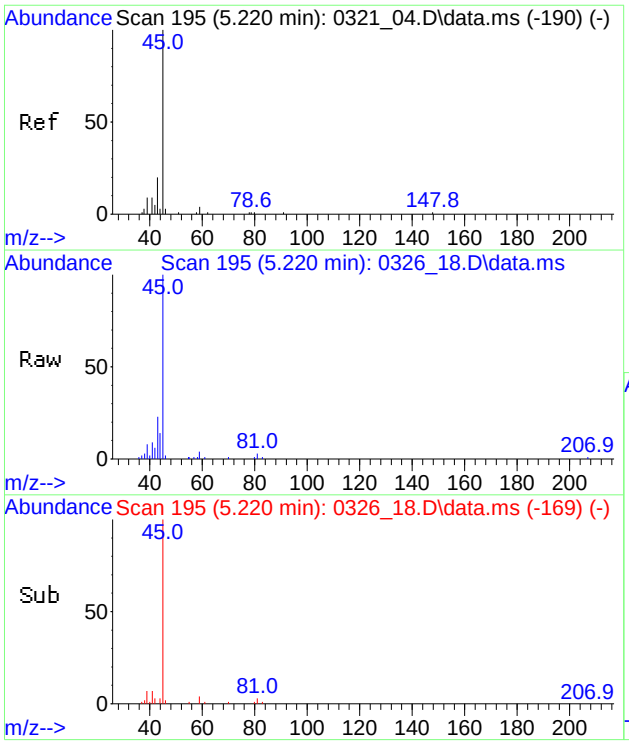


#12
Acetone
Conc: 8$ 6.875 ppbv
RT: 5.033 min Scan# 172
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 43 Resp: 485841

Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.2	0.2#

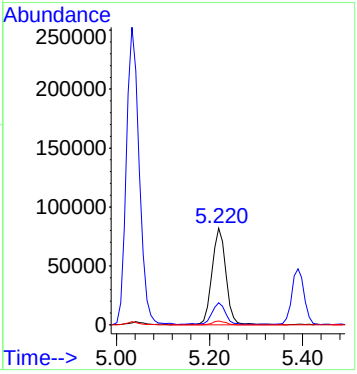


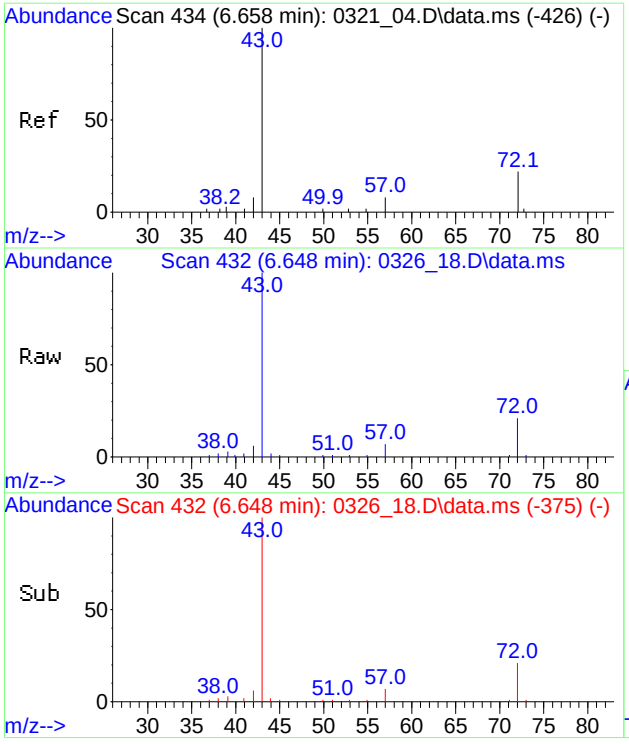


#14
Isopropylalcohol
Conc: 8$ 2.245 ppbv
RT: 5.220 min Scan# 195
Delta R.T. 0.008 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 45 Resp: 171763

Ion	Ratio	Lower	Upper
45	100		
43	21.2	0.0	0.0#
59	3.7	0.6	1.0#

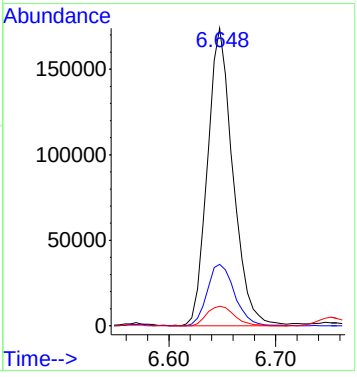


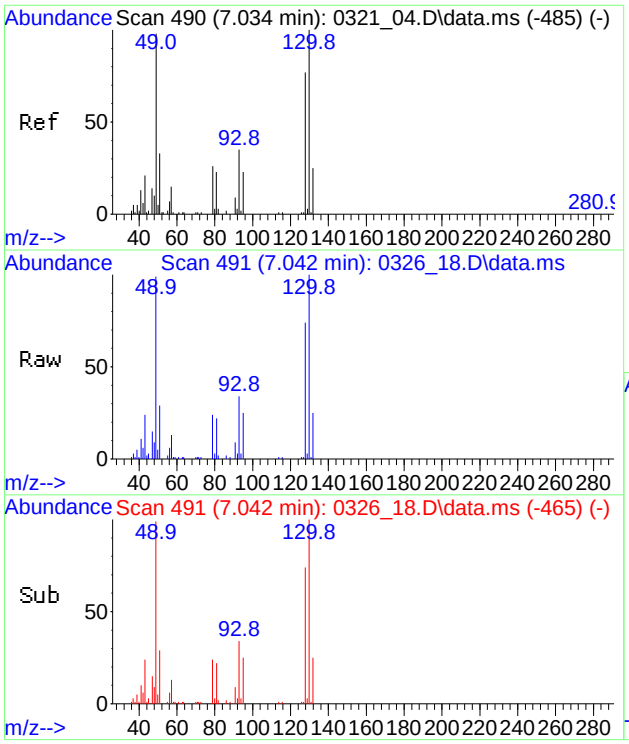


#25
Methyl Ethyl Ketone
Conc: 8$ 9.609 ppbv
RT: 6.648 min Scan# 432
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 43 Resp: 288410

Ion	Ratio	Lower	Upper
43	100		
72	22.2	0.0	0.0#
57	7.1	0.2	0.4#

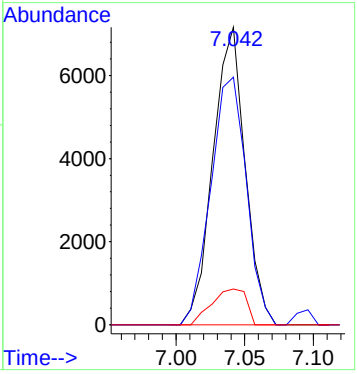


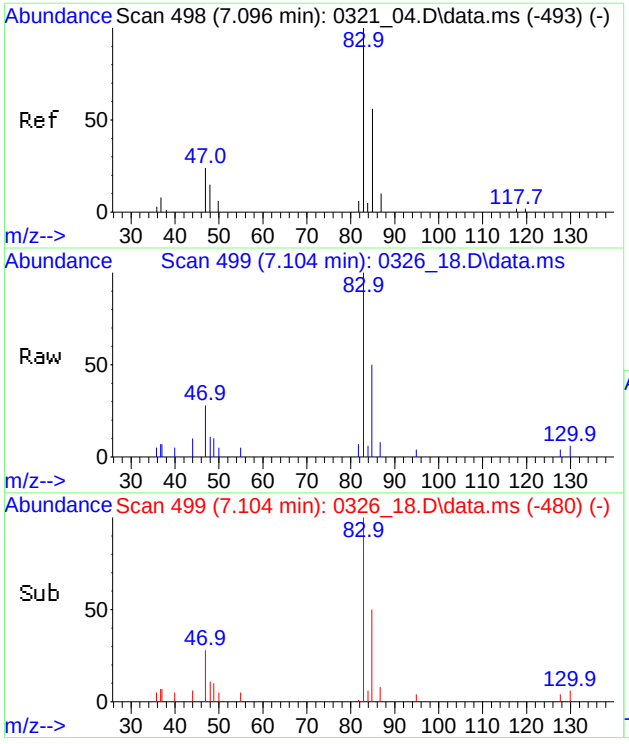


#27
Hexane
Conc: 8$ 0.553 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 57 Resp: 11669

Ion	Ratio	Lower	Upper
57	100		
41	92.4	73.0	109.6
86	13.0	9.8	14.8

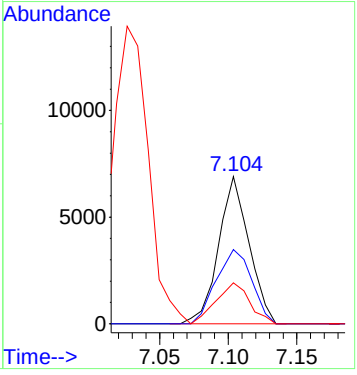


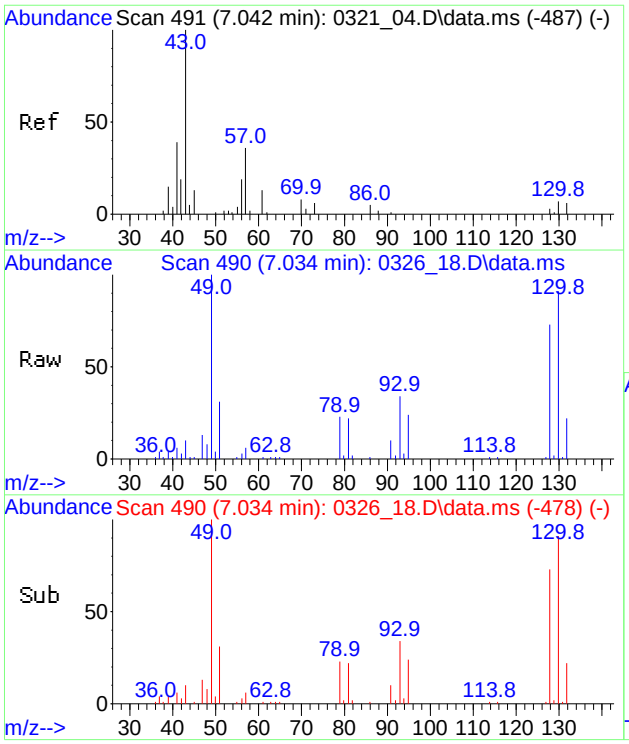


#28
Chloroform
Conc: 8$ 0.320 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 83 Resp: 10665

Ion	Ratio	Lower	Upper
83	100		
85	58.7	39.7	79.7
47	30.6	7.3	47.3

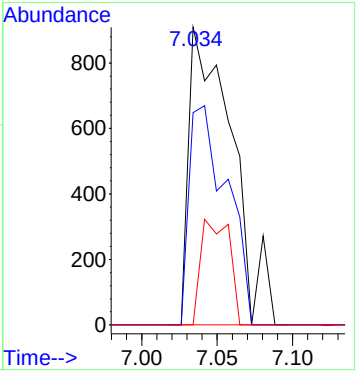


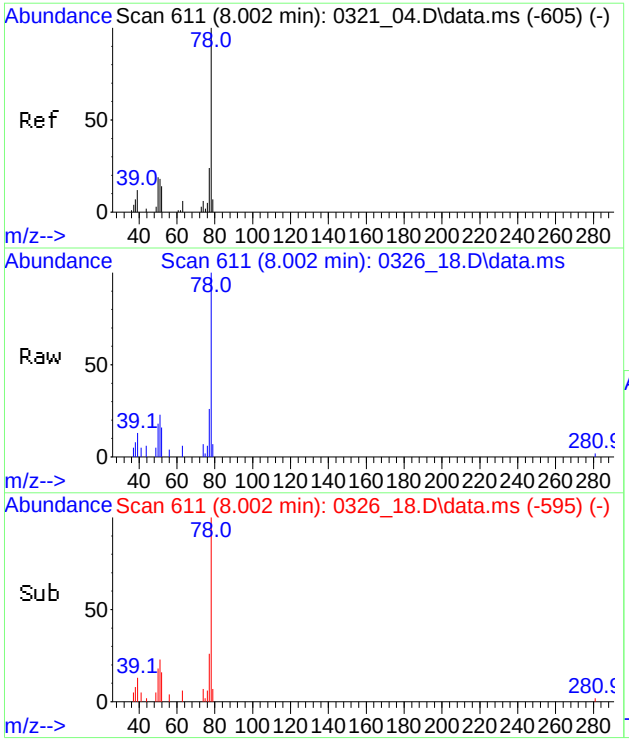


#29
Ethyl acetate
Conc: 8$ 0.375 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 61 Resp: 1794

Ion	Ratio	Lower	Upper
61	100		
70	64.8	62.8	94.2
88	23.5	14.7	22.1#

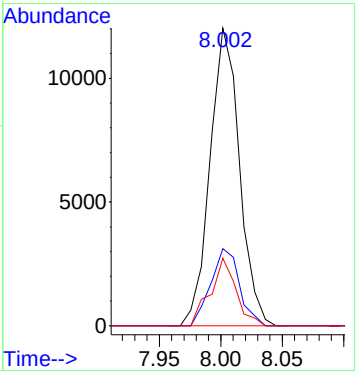


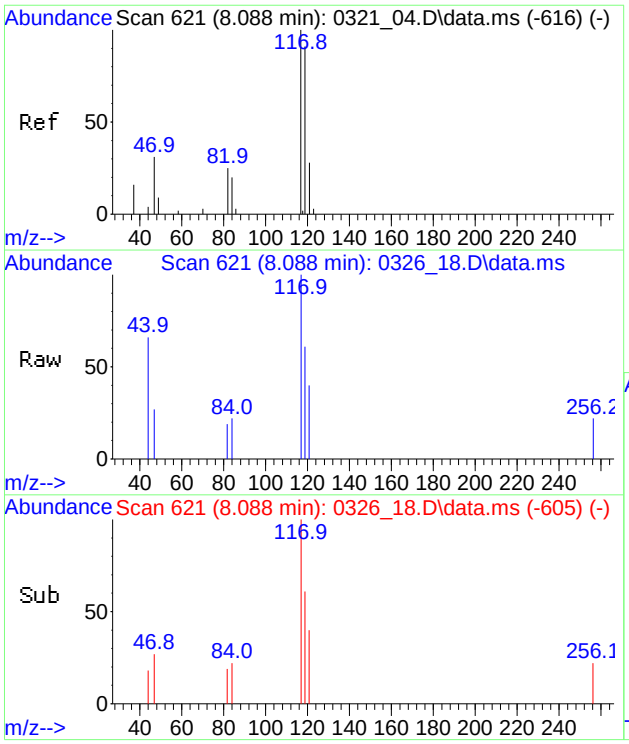


#33
Benzene
Conc: 8$ 0.449 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 78 Resp: 20056

Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.4	26.0
51	19.8	15.8	23.6

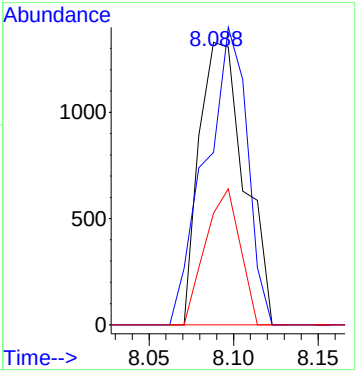


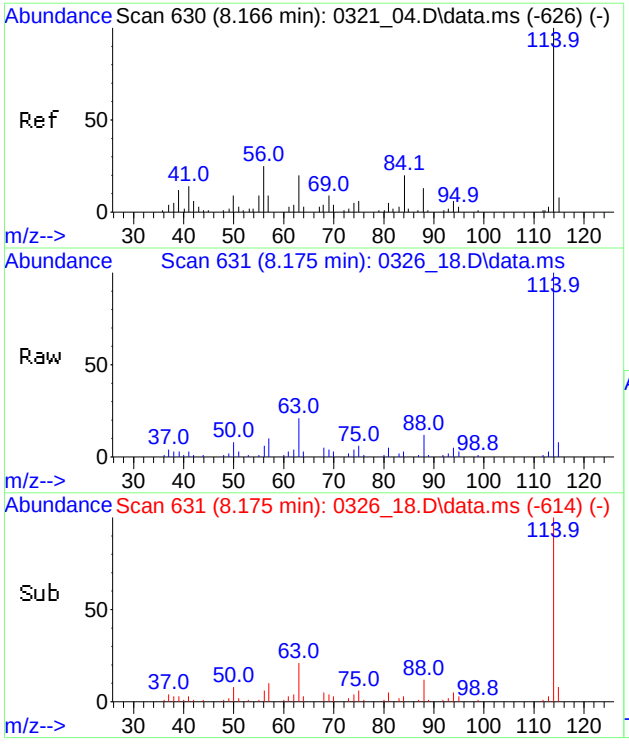


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.088 min Scan# 621
Delta R.T. -0.009 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:117 Resp: 2461

Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.9	114.9
121	37.1	11.2	51.2

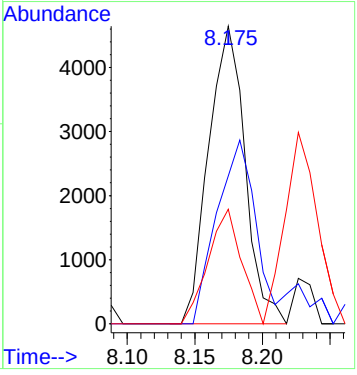


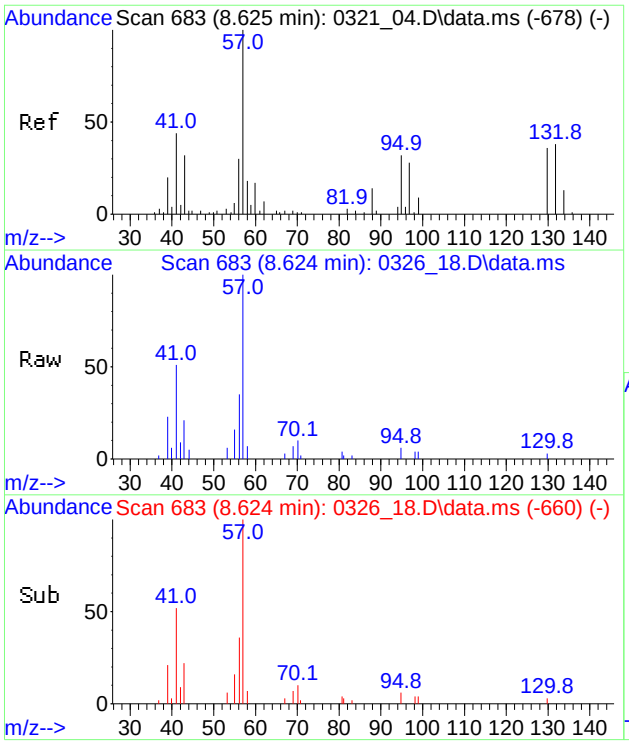


#35
Cyclohexane
Conc: 8$ 0.463 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 84 Resp: 8705

Ion	Ratio	Lower	Upper
84	100		
55	68.2	52.4	78.6
42	35.4	29.8	44.6

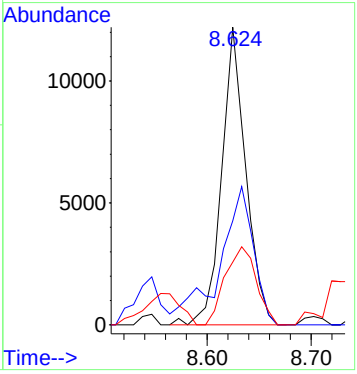


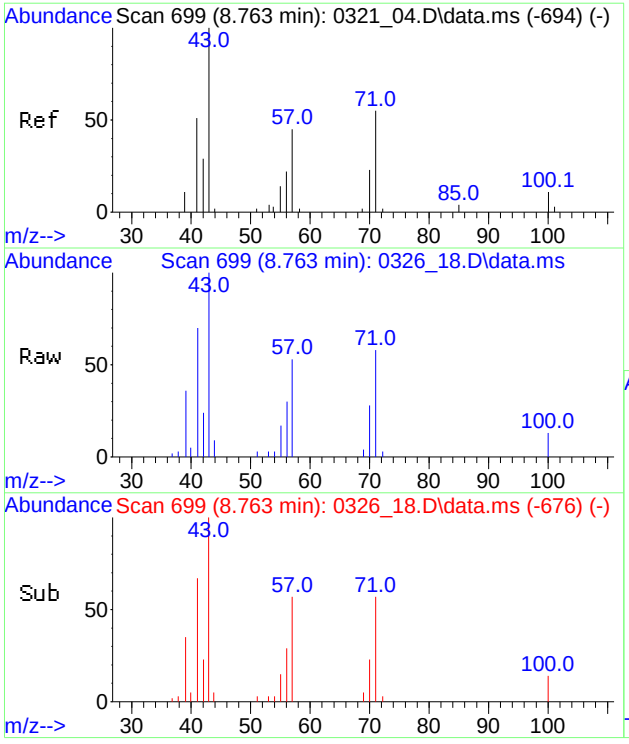


#40
2,2,4-trimethylpentane
Conc: 8$ 0.246 ppbv
RT: 8.624 min Scan# 683
Delta R.T. -0.001 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 57 Resp: 19650

Ion	Ratio	Lower	Upper
57	100		
56	65.6	22.0	33.0#
43	34.0	20.4	30.6#

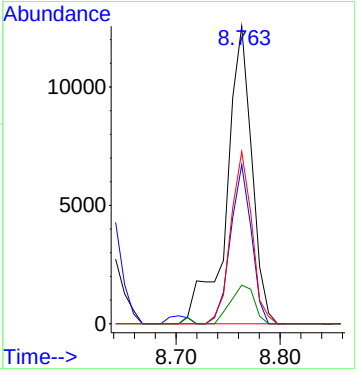


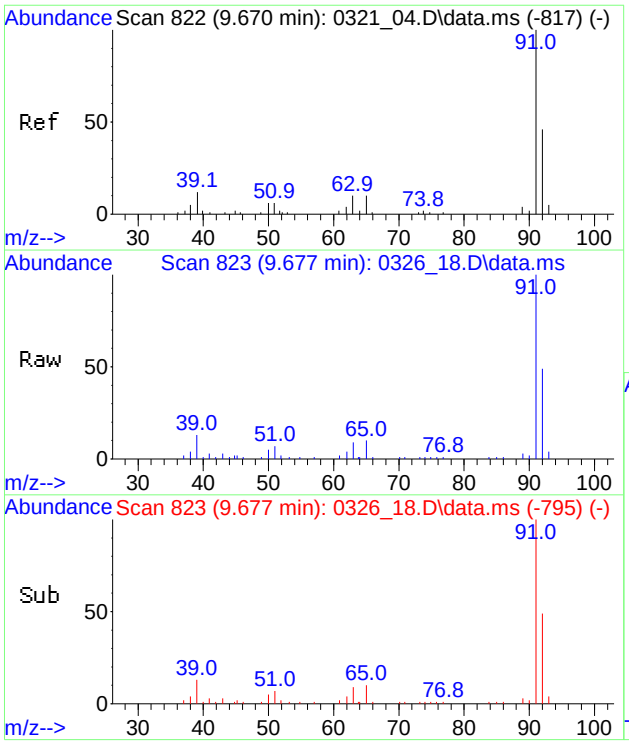


#43
Heptane
Conc: 8$ 0.733 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 43 Resp: 21306

Ion	Ratio	Lower	Upper
43	100		
57	43.6	39.4	59.0
71	48.1	44.5	66.7
100	12.2	8.2	12.2

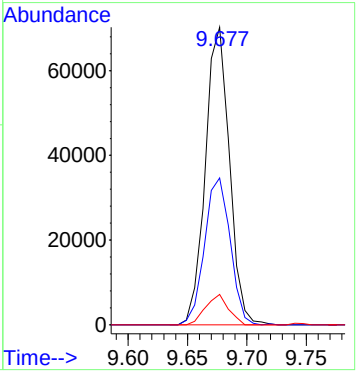


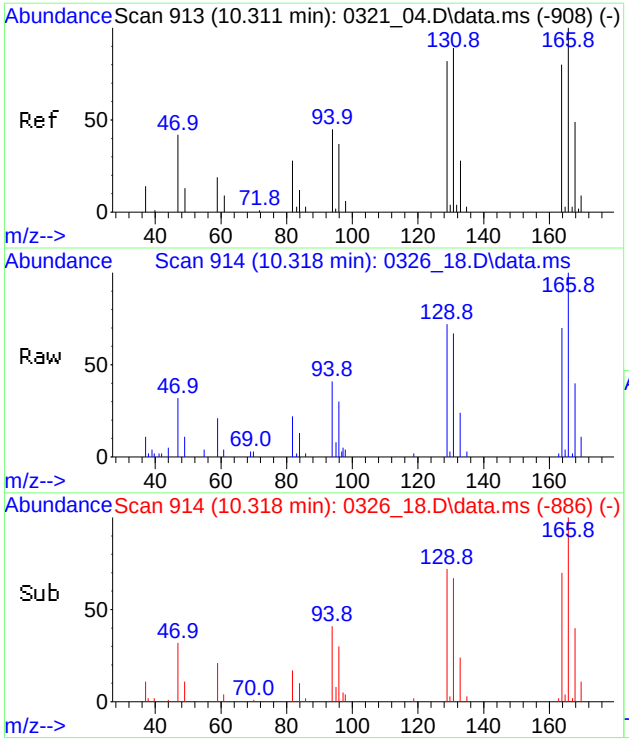


#48
Toluene
Conc: 8$ 1.503 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 91 Resp: 98679

Ion	Ratio	Lower	Upper
91	100		
92	52.7	43.8	65.8
65	9.7	10.6	16.0#

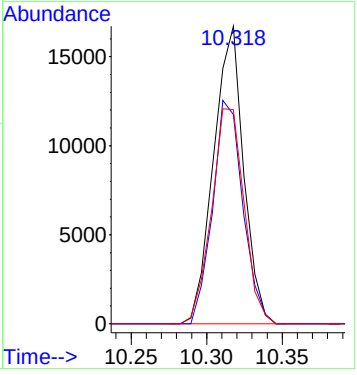


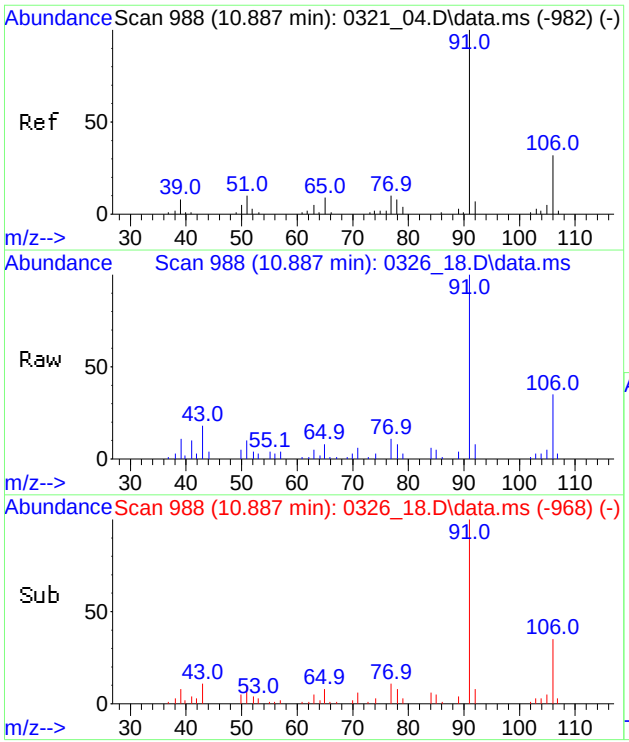


#52
Tetrachloroethene
Conc: 8$ 0.588 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:166 Resp: 23029

Ion	Ratio	Lower	Upper
166	100		
164	75.9	63.4	95.2
129	78.3	68.4	102.6

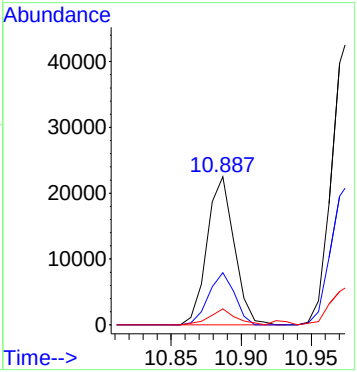


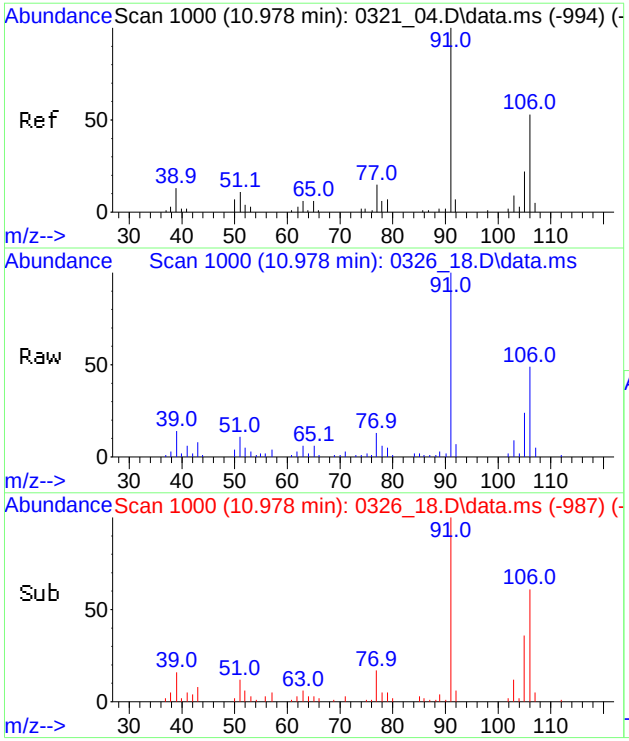


#56
Ethylbenzene
Conc: 8$ 0.381 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 91 Resp: 30315

Ion	Ratio	Lower	Upper
91	100		
106	33.8	24.0	64.0
77	10.2	0.0	33.4

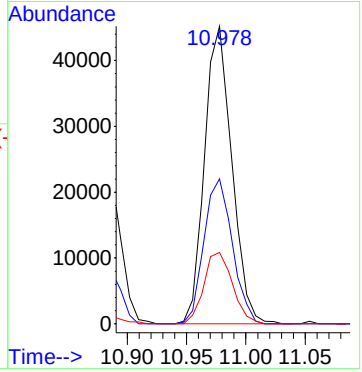


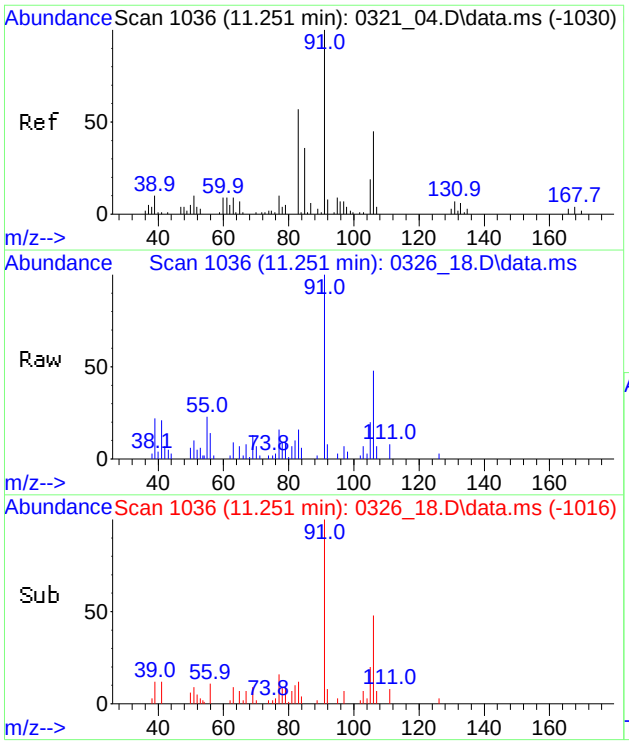


#57
m,p-Xylene
Conc: 8$ 1.172 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 91 Resp: 72415

Ion	Ratio	Lower	Upper
91	100		
106	50.6	0.0	0.0#
105	25.1	0.0	0.0#

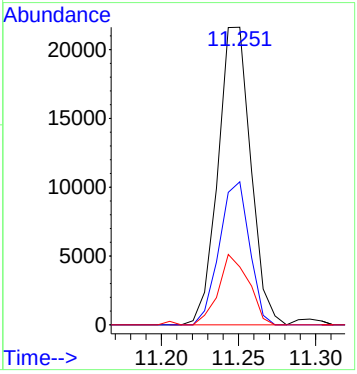


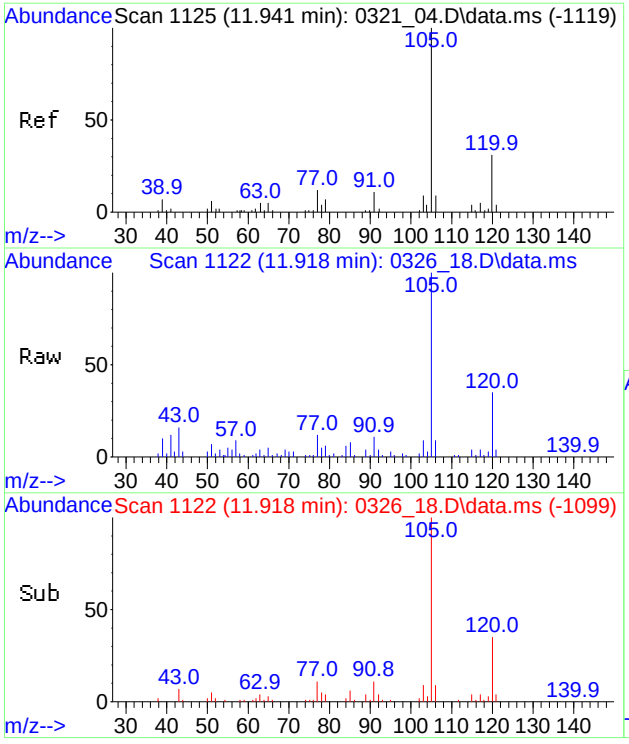


#61
o-Xylene
Conc: 8$ 0.471 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 91 Resp: 31951

Ion	Ratio	Lower	Upper
91	100		
106	44.4	31.7	47.5
105	22.1	13.4	20.0#

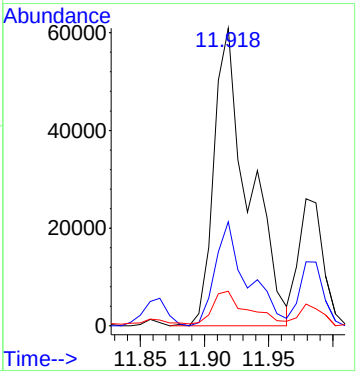


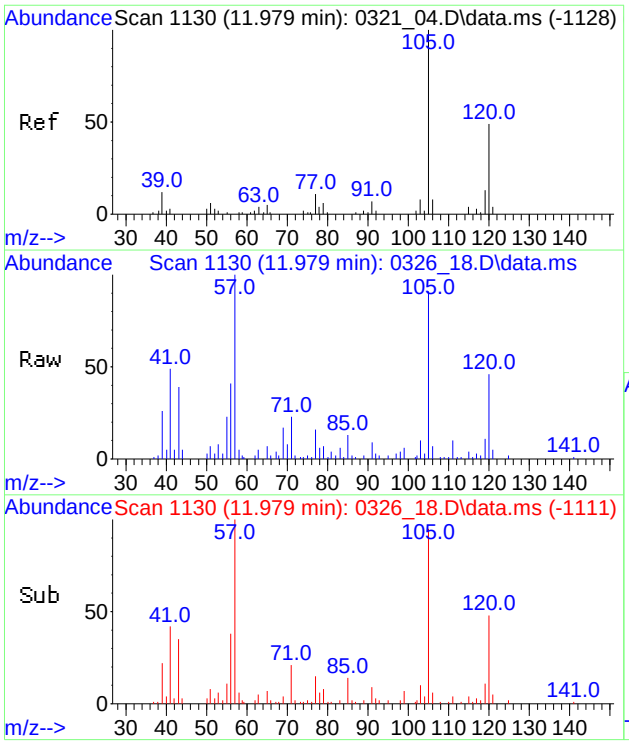


#65
4-Ethyltoluene
Conc: 8$ 1.208 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:105 Resp: 114990

Ion	Ratio	Lower	Upper
105	100		
120	32.8	30.2	45.4
77	11.8	10.5	15.7

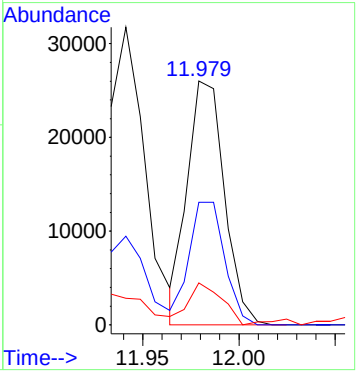


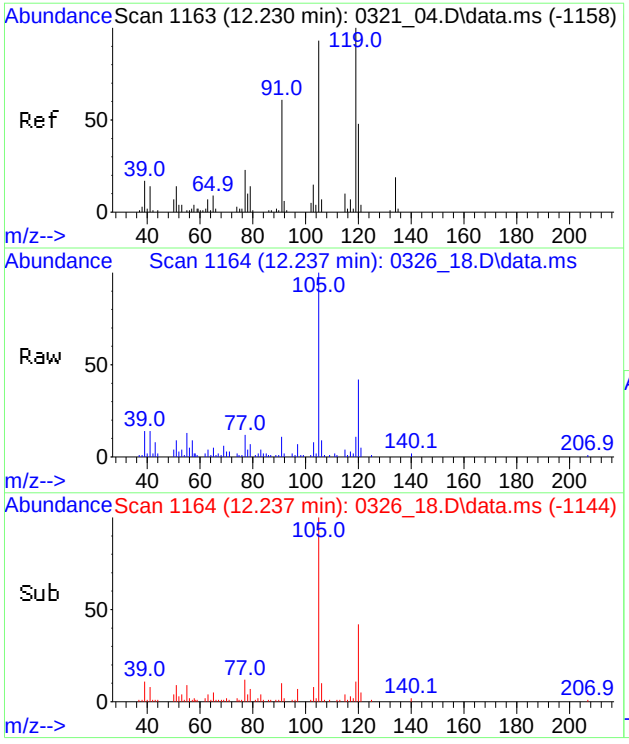


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.453 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:105 Resp: 34816

Ion	Ratio	Lower	Upper
105	100		
120	48.3	0.0	0.0#
77	14.6	0.2	0.2#

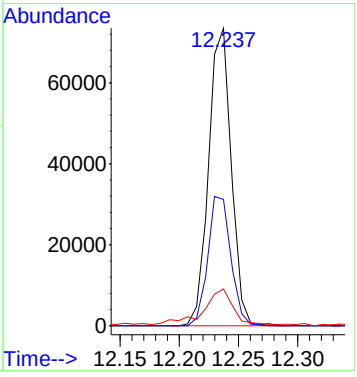


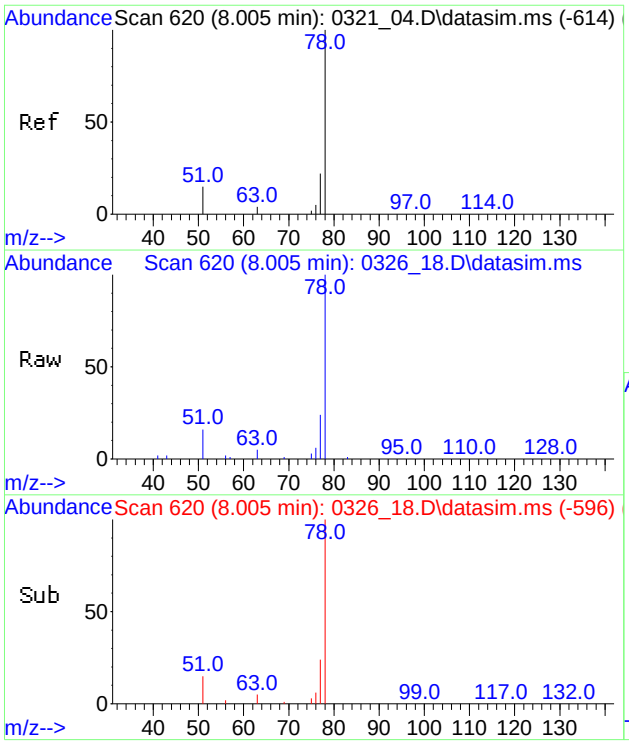


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.059 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:105 Resp: 97299

Ion	Ratio	Lower	Upper
105	100		
120	44.1	39.4	59.2
77	15.1	23.9	35.9#

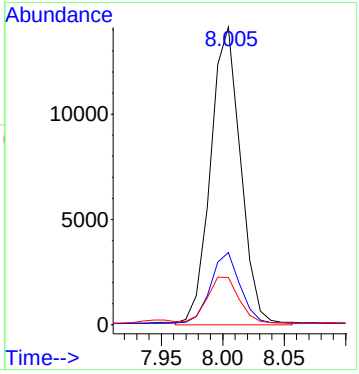


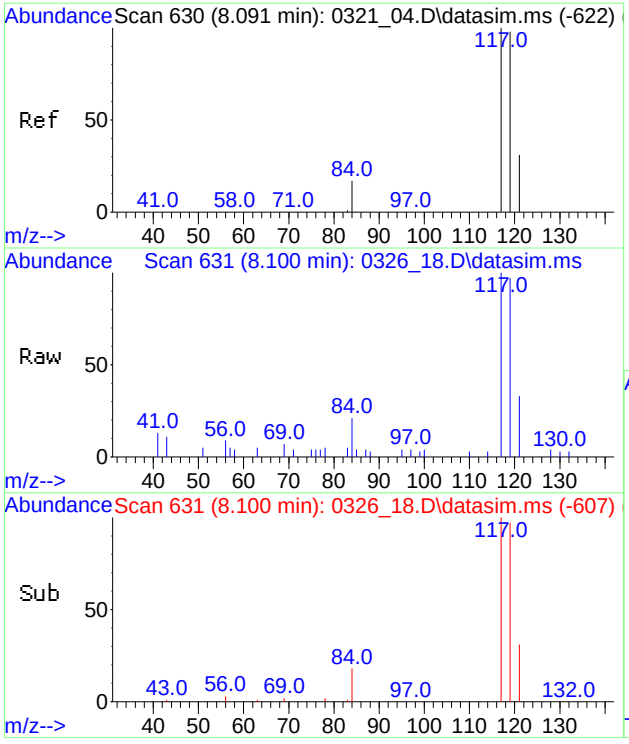


#85
Benzene(sim)
Conc: 8$ 0.402 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 78 Resp: 20056

Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.4	26.0
51	19.8	15.8	23.6

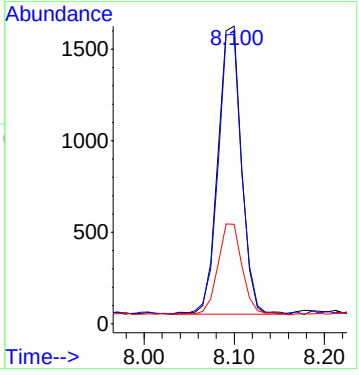


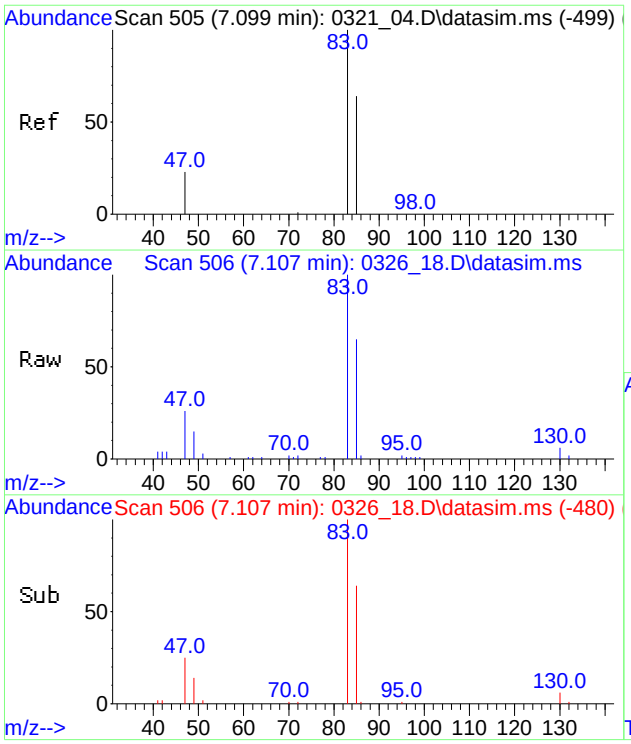


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.071 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:117 Resp: 2848

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	115.0
121	33.0	24.2	36.4

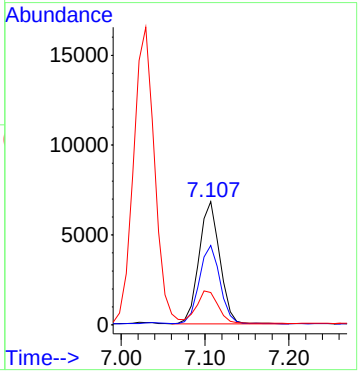


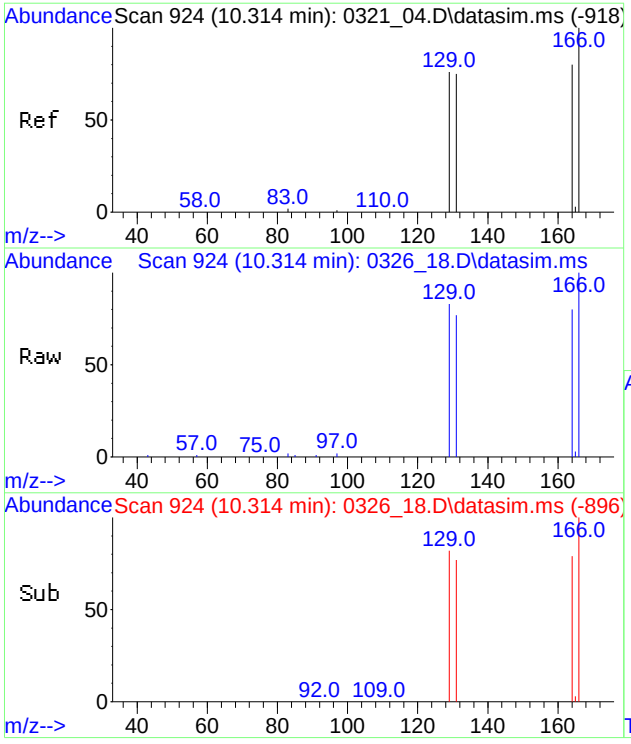


#92
Chloroform(sim)
Conc: 8$ 0.296 ppbv
RT: 7.107 min Scan# 506
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 83 Resp: 11672

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2
47	27.8	24.2	36.4

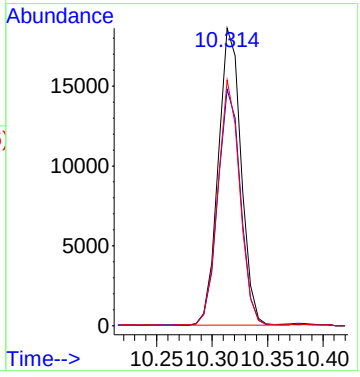


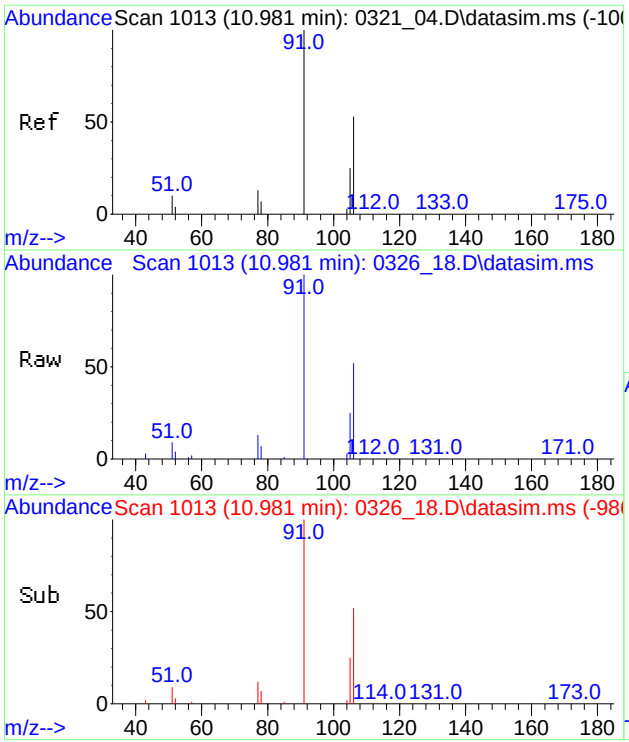


#102
Tetrachloroethene(sim)
Conc: 8$ 0.669 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion:166 Resp: 26565

Ion	Ratio	Lower	Upper
166	100		
164	79.3	54.6	94.6
129	81.4	52.2	92.2

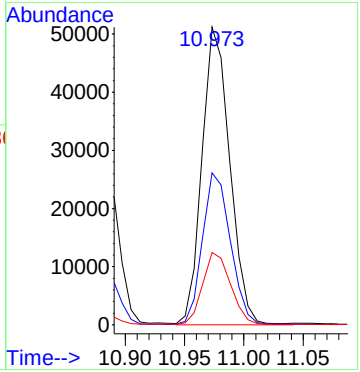




#105
m,p-Xylene(sim)
Conc: 8$ 1.095 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0326_18.D
Acq: 26 Mar 2025 10:41 pm

Tgt Ion: 91 Resp: 72415

Ion	Ratio	Lower	Upper
91	100		
106	50.6	39.6	48.4#
105	25.1	16.6	24.8#



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-01

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405

Canister: 18259 Lab File ID: 0327_07.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.512		0.202	0.202	r
74-87-3	Chloromethane	0.492		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	17.4	S	0.531	0.531	r
67-64-1	Acetone	5.21	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.80	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	6.23		0.339	0.339	r
110-54-3	Hexane	1.20	S	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
71-43-2	Benzene	0.830		0.313	0.313	r
110-82-7	Cyclohexane	1.14		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.395		0.215	0.215	r
142-82-5	Heptane	1.92		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	2.69		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.493		0.037	0.037	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
100-41-4	Ethylbenzene	1.01		0.230	0.230	r
179601-23-1	m,p-Xylene	3.13		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.15		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.54		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.441		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.15		0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	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

IA25-01

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405

Canister: 18259 Lab File ID: 0327_07.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.066		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)	0.064		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_07.D
Acq On : 27 Mar 2025 3:47 pm
Operator :
Client ID : IA25-01
Lab ID : CS91405
ALS Vial : 4 Sample Multiplier: 1

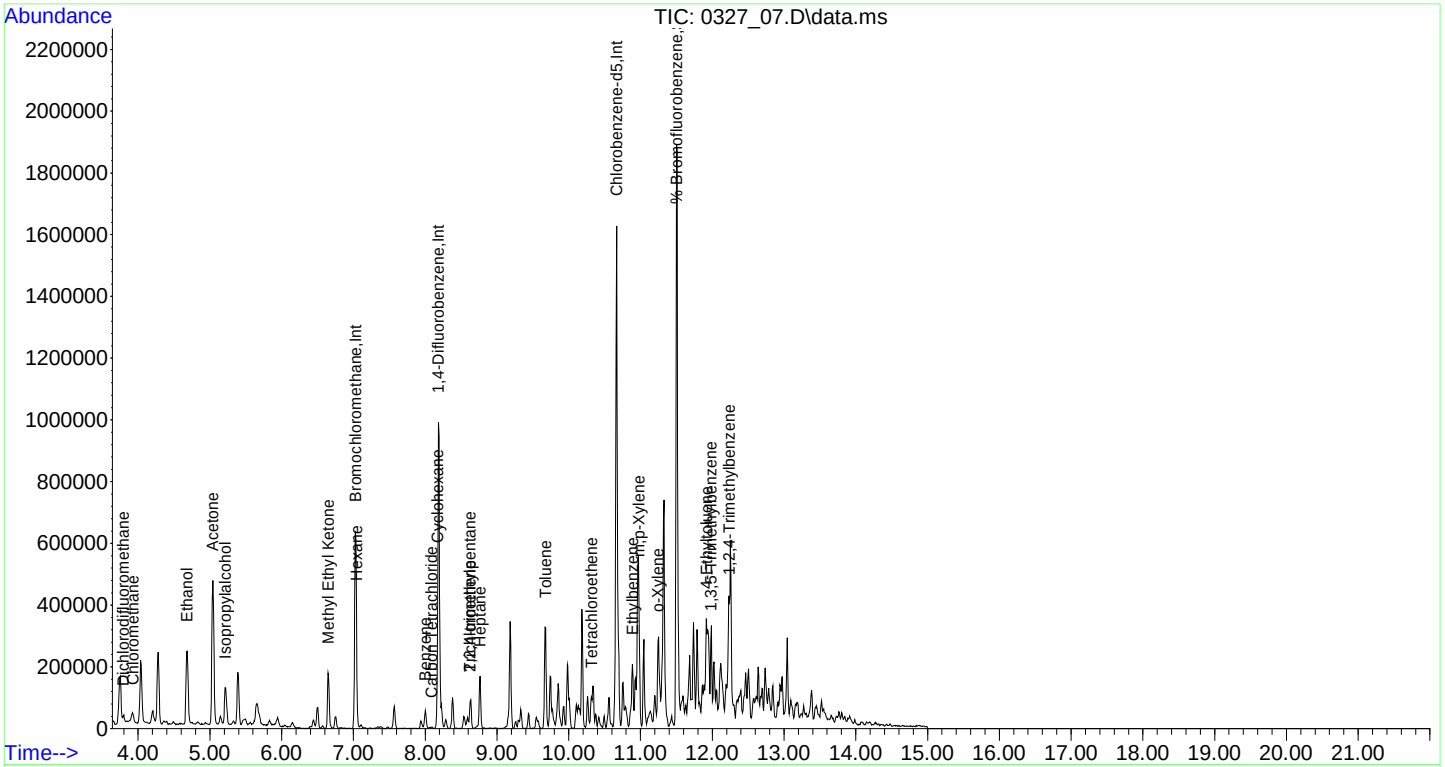
Quant Time: Mar 27 19:59:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

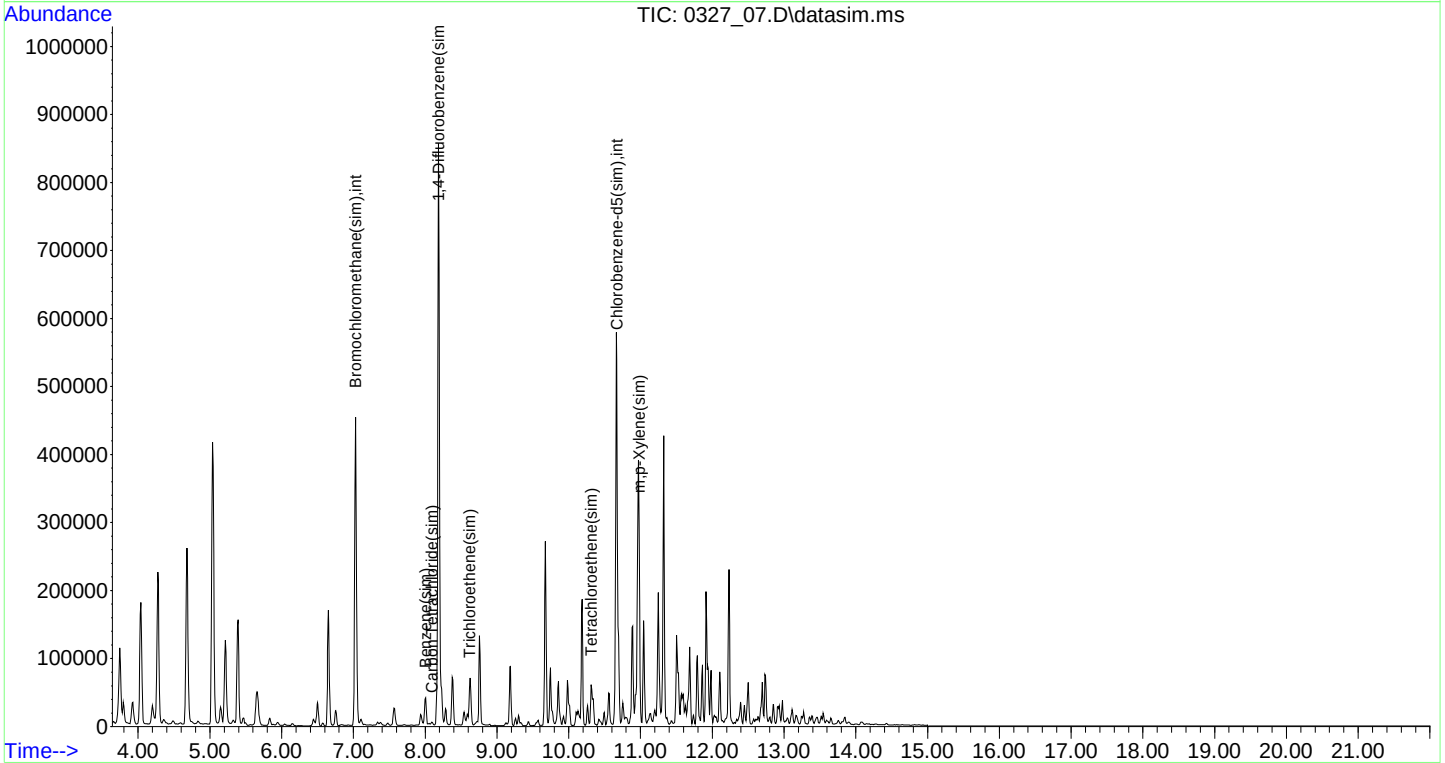
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	188576	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	686430	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	384663	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	219111	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	686434	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	384663	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	460710	10.881	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	29806	0.512	ppbv		99
4) Chloromethane	3.930	50	15520	0.492	ppbv		94
11) Ethanol	4.676	45	295263	17.431	ppbv#		40
12) Acetone	5.041	43	391423	5.209	ppbv#		82
14) Isopropylalcohol	5.212	45	146573	1.802	ppbv#		93
25) Methyl Ethyl Ketone	6.648	43	198798	6.229	ppbv#		93
27) Hexane	7.042	57	27002	1.203	ppbv		99
33) Benzene	8.002	78	39376	0.830	ppbv#		94
34) Carbon Tetrachloride	8.088	117	2264	0.056	ppbv		85
35) Cyclohexane	8.175	84	22767	1.140	ppbv		91
39) Trichloroethene	8.625	130	1583	0.045	ppbv		97
40) 2,2,4-trimethylpentane	8.625	57	34475	0.395	ppbv#		59
43) Heptane	8.763	43	61011	1.924	ppbv		91
48) Toluene	9.677	91	192733	2.691	ppbv		98
52) Tetrachloroethene	10.318	166	21050	0.492	ppbv		93
56) Ethylbenzene	10.887	91	93835	1.005	ppbv		83
57) m,p-Xylene	10.978	91	226962	3.131	ppbv		100
61) o-Xylene	11.243	91	91845	1.153	ppbv#		89
65) 4-Ethyltoluene	11.918	105	172389	1.543	ppbv		90
66) 1,3,5-Trimethylbenzene	11.979	105	39755	0.441	ppbv#		90
67) 1,2,4-Trimethylbenzene	12.237	105	124317	1.153	ppbv#		89
85] Benzene(sim)	8.002	78	39376	0.713	ppbv#		94
86] Carbon Tetrachloride(sim)	8.091	117	2918	0.066	ppbv		98
96] Trichloroethene(sim)	8.619	130	2066	0.064	ppbv		92
102] Tetrachloroethene(sim)	10.314	166	24200	0.560	ppbv		92
105] m,p-Xylene(sim)	10.978	91	226962	2.923	ppbv#		90

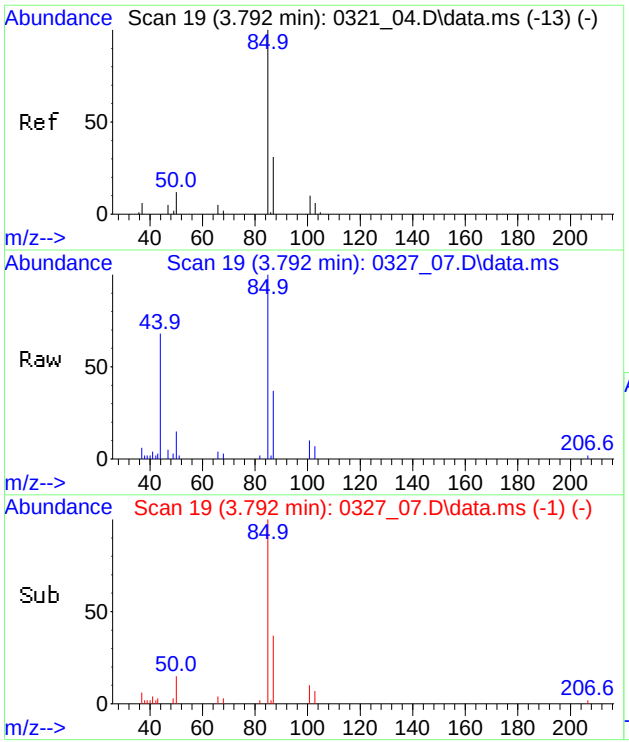
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_07.D
Acq On : 27 Mar 2025 3:47 pm
Operator :
Client ID : IA25-01
Lab ID : CS91405
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 27 19:59:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration



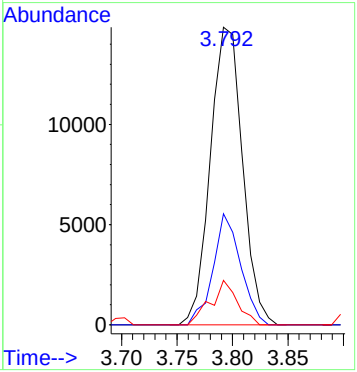


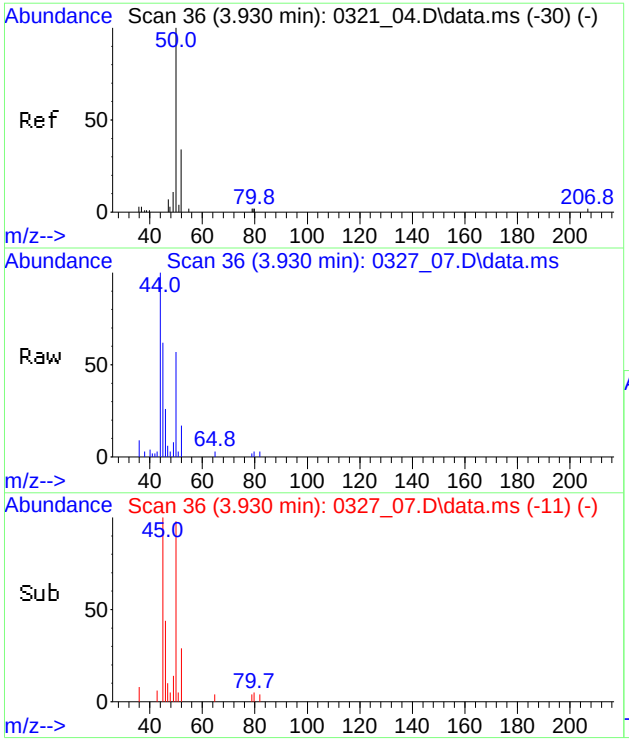


#3
Dichlorodifluoromethane
Conc: 8$ 0.512 ppbv
RT: 3.792 min Scan# 19
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 85 Resp: 29806

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.8	38.8
50	12.4	10.6	15.8

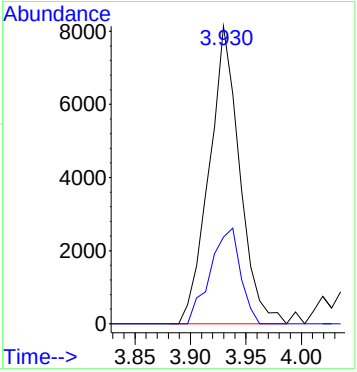


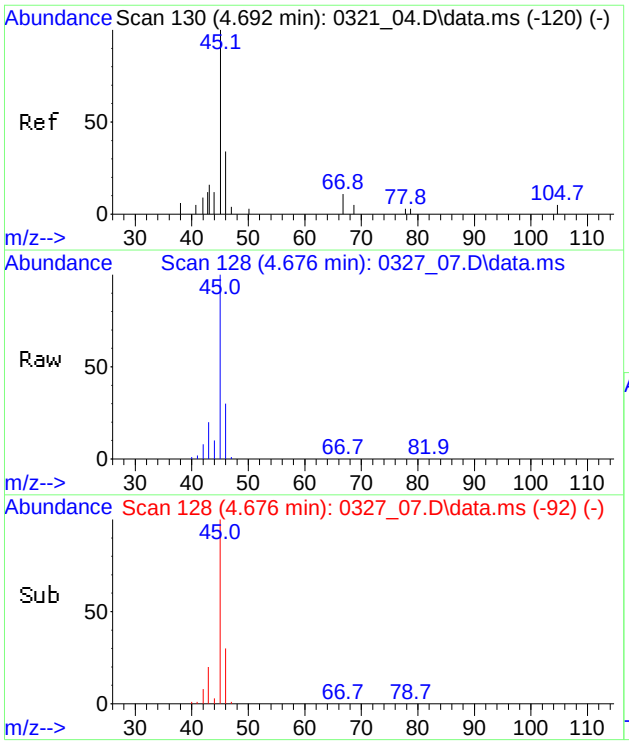


#4
Chloromethane
Conc: 8$ 0.492 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 50 Resp: 15520

Ion	Ratio	Lower	Upper
50	100		
52	31.8	15.5	55.5

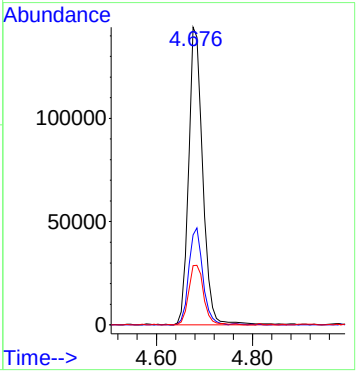


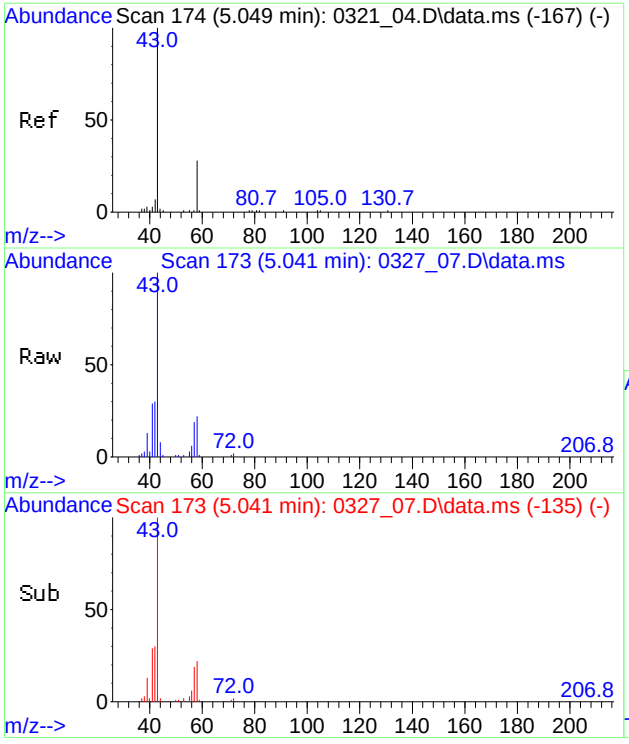


#11
Ethanol
Conc: 8$ 17.431 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 45 Resp: 295263

Ion	Ratio	Lower	Upper
45	100		
46	32.2	0.6	0.8#
43	21.4	0.0	0.0#

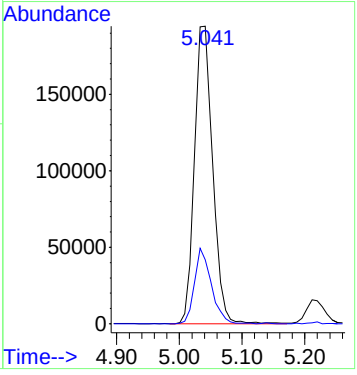


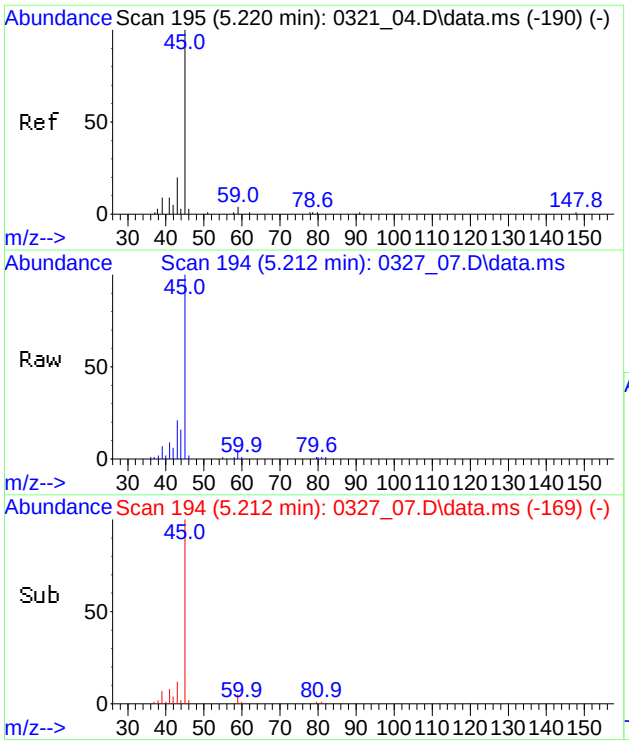


#12
Acetone
Conc: 8$ 5.209 ppbv
RT: 5.041 min Scan# 173
Delta R.T. 0.008 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 43 Resp: 391423

Ion	Ratio	Lower	Upper
43	100		
58	23.4	0.2	0.2#

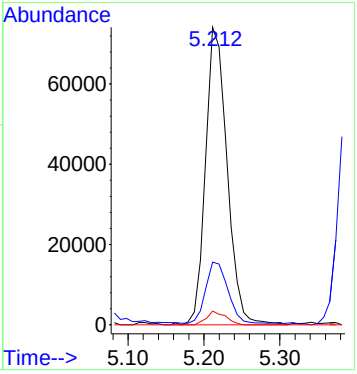


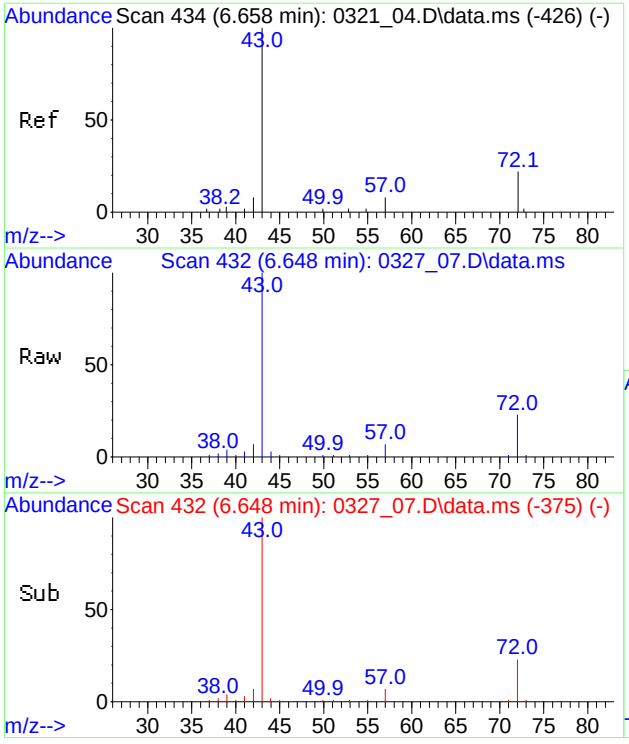


#14
Isopropylalcohol
Conc: 8$ 1.802 ppbv
RT: 5.212 min Scan# 194
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 45 Resp: 146573

Ion	Ratio	Lower	Upper
45	100		
43	21.4	0.0	0.0#
59	4.1	0.6	1.0#

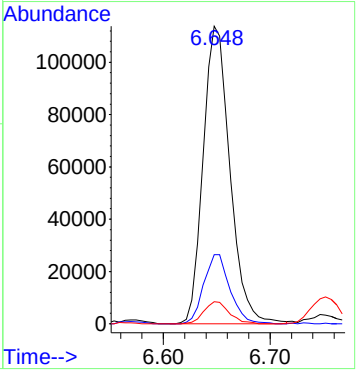


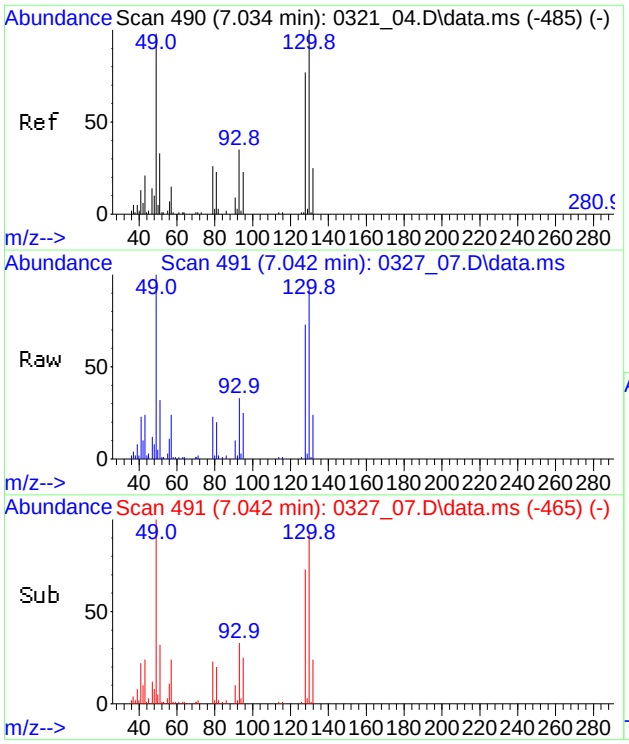


#25
Methyl Ethyl Ketone
Conc: 8$ 6.229 ppbv
RT: 6.648 min Scan# 432
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 43 Resp: 198798

Ion	Ratio	Lower	Upper
43	100		
72	22.7	0.0	0.0#
57	7.0	0.2	0.4#

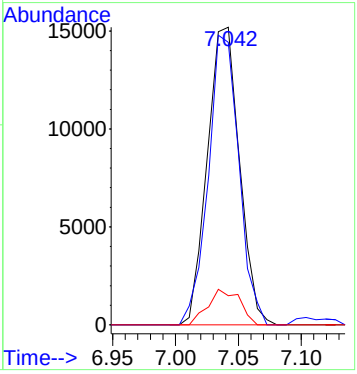


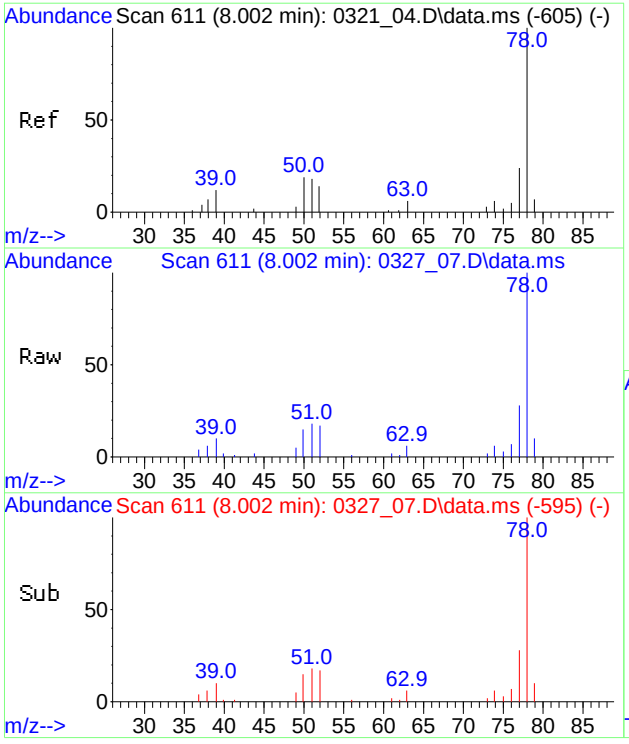


#27
Hexane
Conc: 8$ 1.203 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 57 Resp: 27002

Ion	Ratio	Lower	Upper
57	100		
41	92.7	73.0	109.6
86	11.9	9.8	14.8

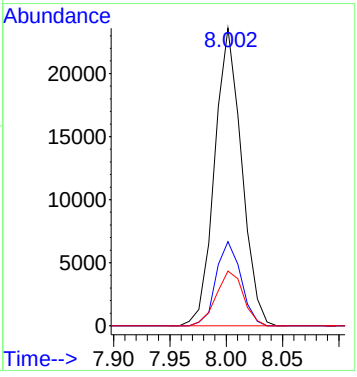


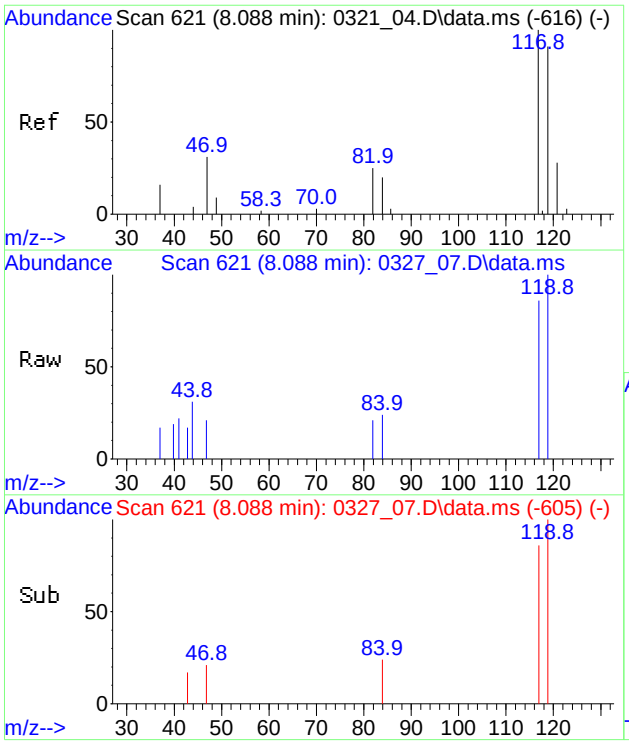


#33
Benzene
Conc: 8$ 0.830 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 78 Resp: 39376

Ion	Ratio	Lower	Upper
78	100		
77	26.1	17.4	26.0#
51	18.6	15.8	23.6

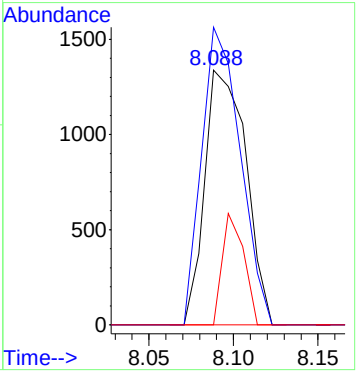


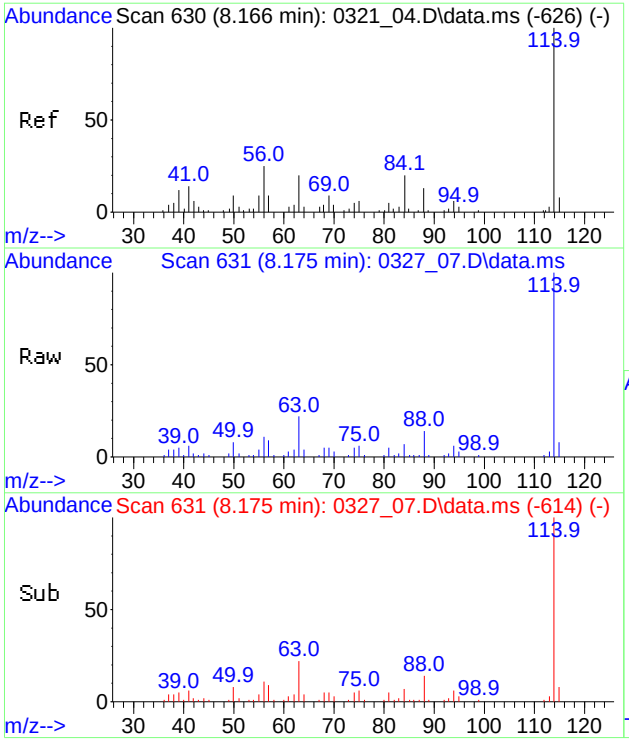


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.088 min Scan# 621
Delta R.T. -0.009 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:117 Resp: 2264

Ion	Ratio	Lower	Upper
117	100		
119	109.4	74.9	114.9
121	22.8	11.2	51.2

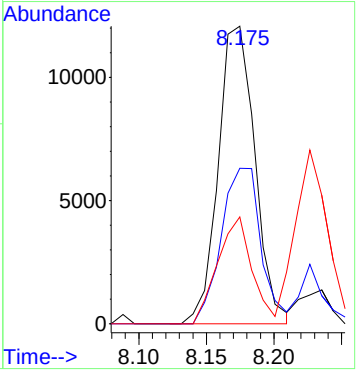


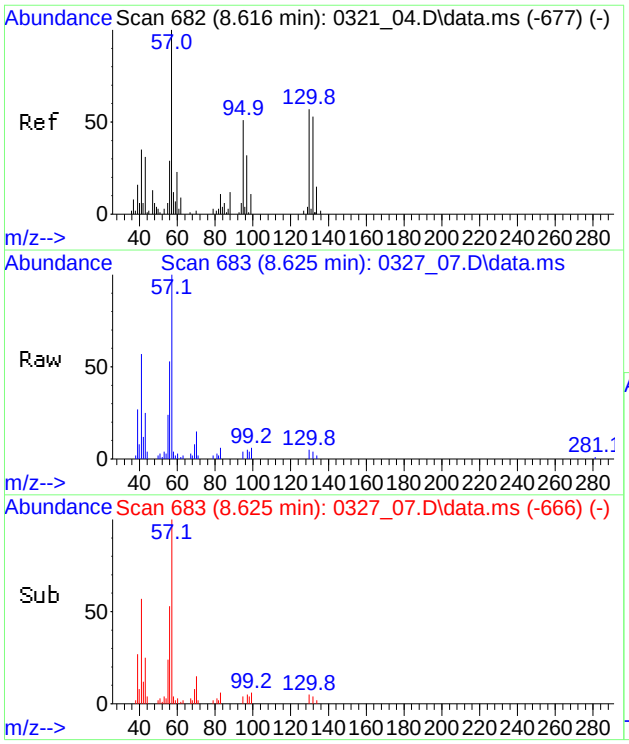


#35
Cyclohexane
Conc: 8$ 1.140 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 84 Resp: 22767

Ion	Ratio	Lower	Upper
84	100		
55	56.8	52.4	78.6
42	33.6	29.8	44.6

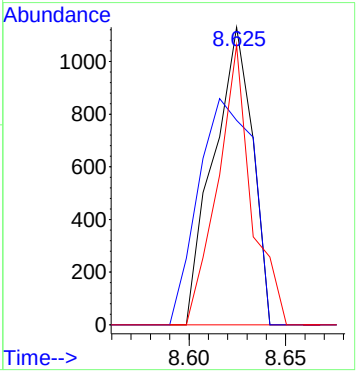


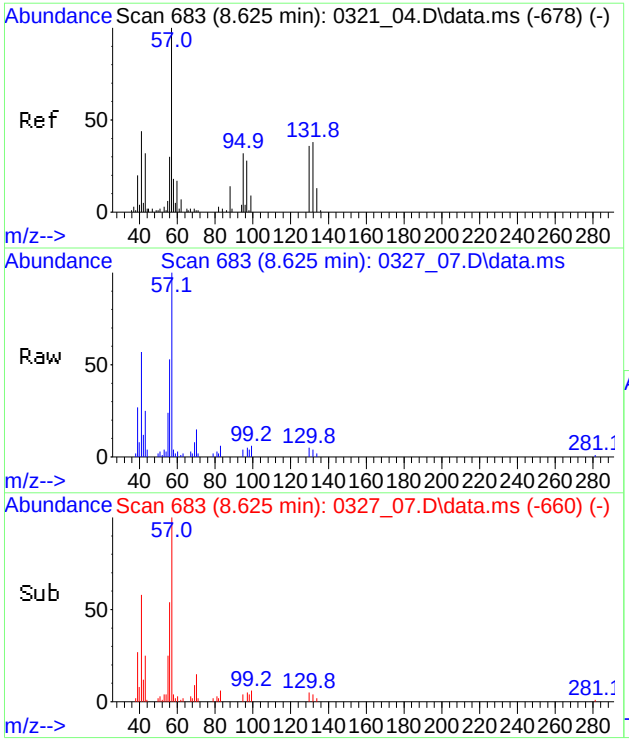


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:130 Resp: 1583

Ion	Ratio	Lower	Upper
130	100		
132	105.9	88.3	132.5
97	81.2	65.9	98.9

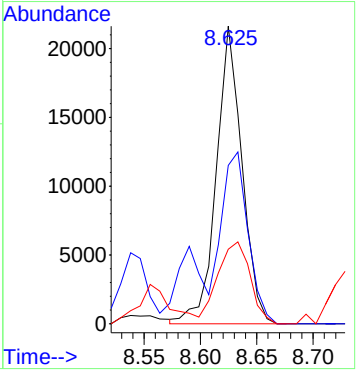


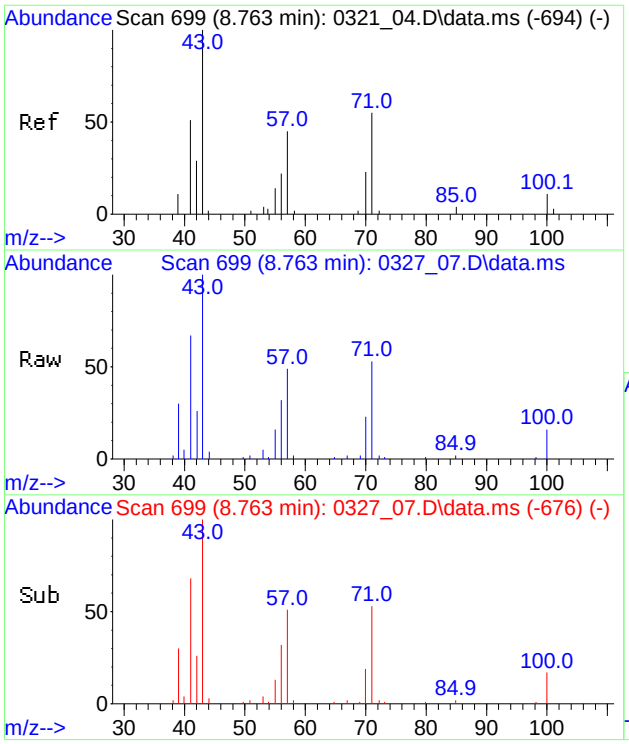


#40
2,2,4-trimethylpentane
Conc: 8$ 0.395 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 57 Resp: 34475

Ion	Ratio	Lower	Upper
57	100		
56	59.8	22.0	33.0#
43	34.6	20.4	30.6#

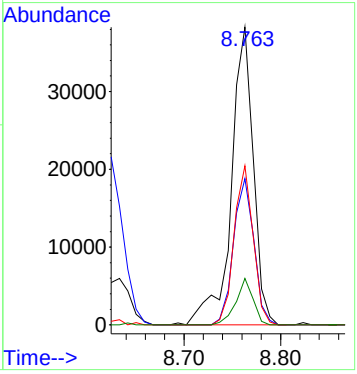


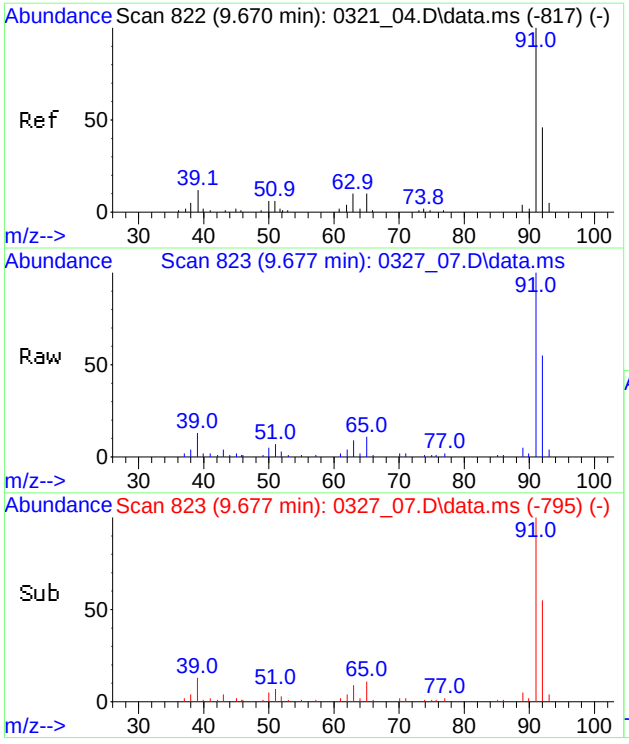


#43
Heptane
Conc: 8$ 1.924 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 43 Resp: 61011

Ion	Ratio	Lower	Upper
43	100		
57	45.2	39.4	59.0
71	46.2	44.5	66.7
100	12.1	8.2	12.2

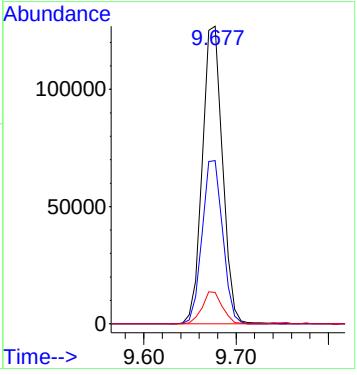


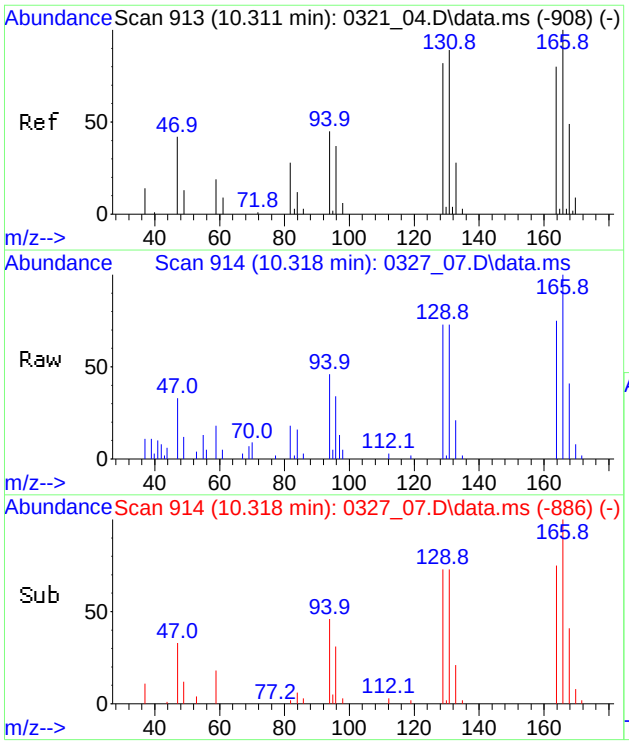


#48
Toluene
Conc: 8$ 2.691 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 91 Resp: 192733

Ion	Ratio	Lower	Upper
91	100		
92	55.8	43.8	65.8
65	10.7	10.6	16.0

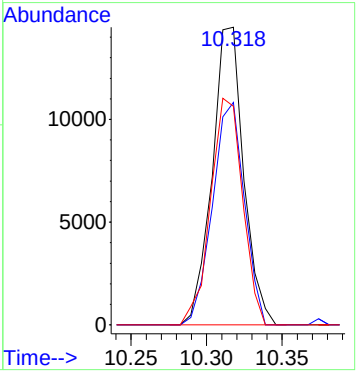


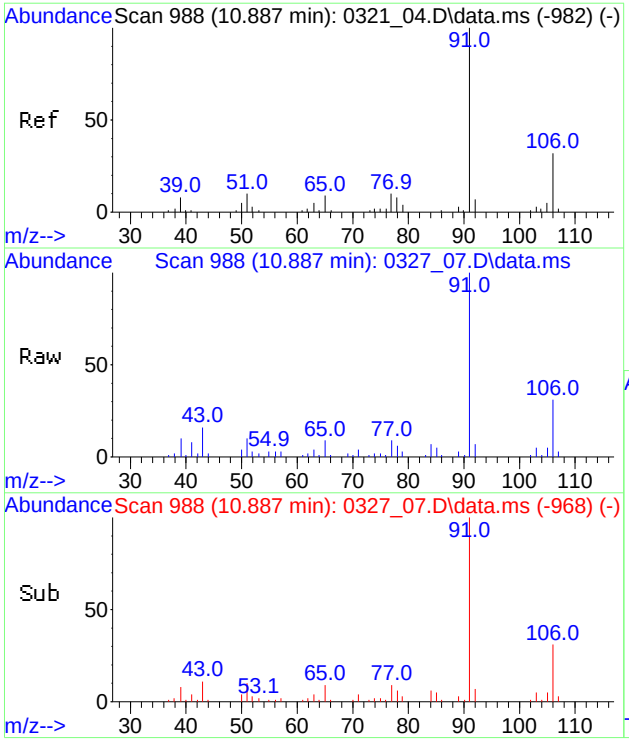


#52
Tetrachloroethene
Conc: 8$ 0.492 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:166 Resp: 21050

Ion	Ratio	Lower	Upper
166	100		
164	75.4	63.4	95.2
129	77.2	68.4	102.6

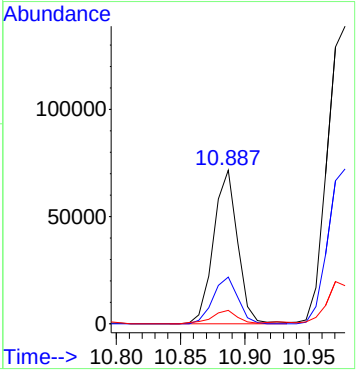


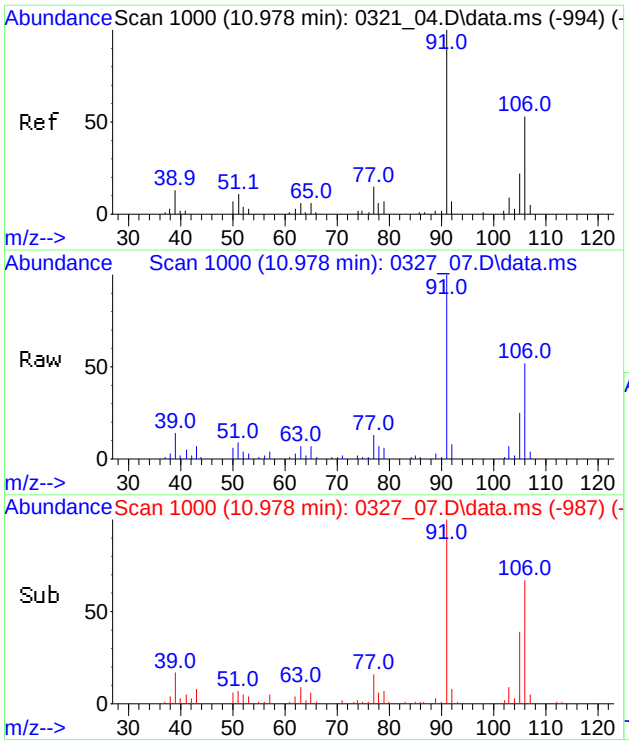


#56
Ethylbenzene
Conc: 8$ 1.005 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 91 Resp: 93835

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.0	64.0
77	9.3	0.0	33.4

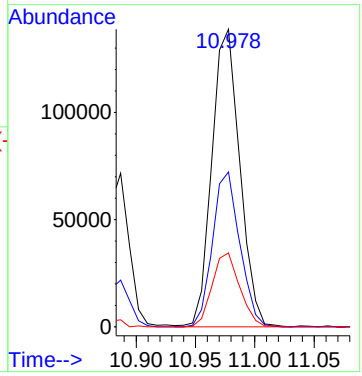


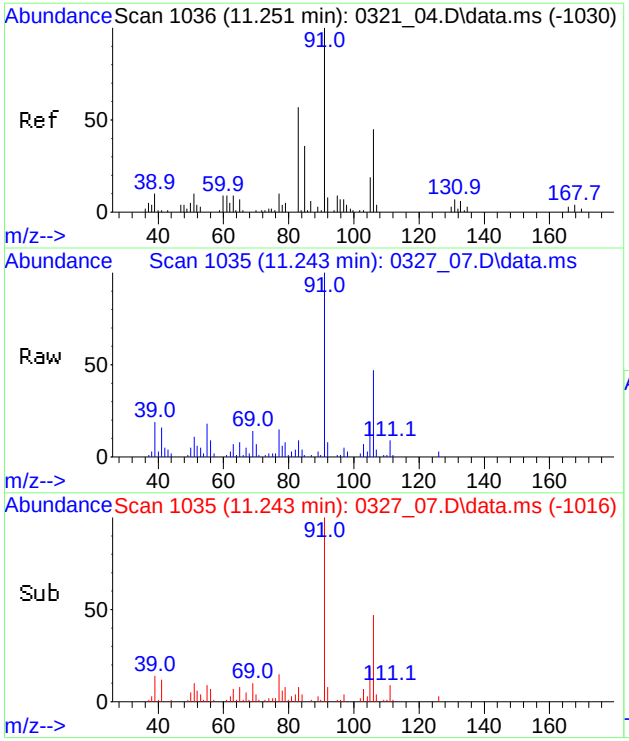


#57
m,p-Xylene
Conc: 8$ 3.131 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 91 Resp: 226962

Ion	Ratio	Lower	Upper
91	100		
106	50.7	0.0	0.0#
105	24.6	0.0	0.0#

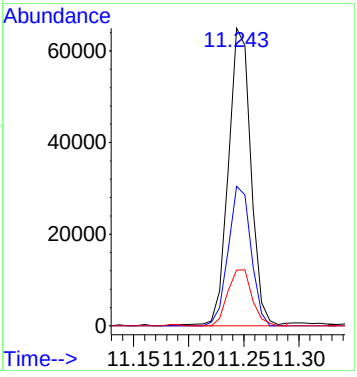


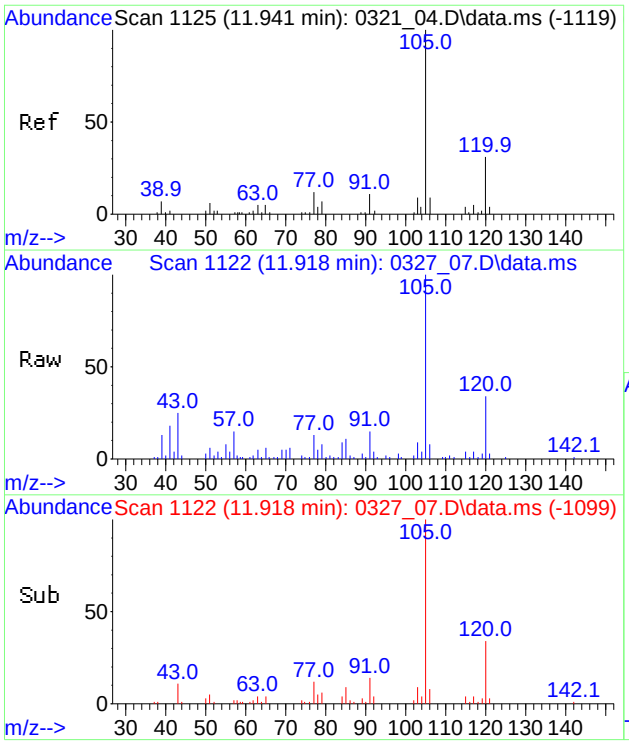


#61
o-Xylene
Conc: 8$ 1.153 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 91 Resp: 91845

Ion	Ratio	Lower	Upper
91	100		
106	47.3	31.7	47.5
105	20.3	13.4	20.0#

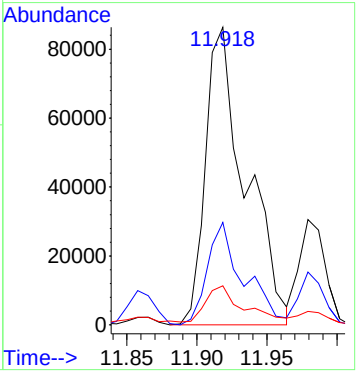


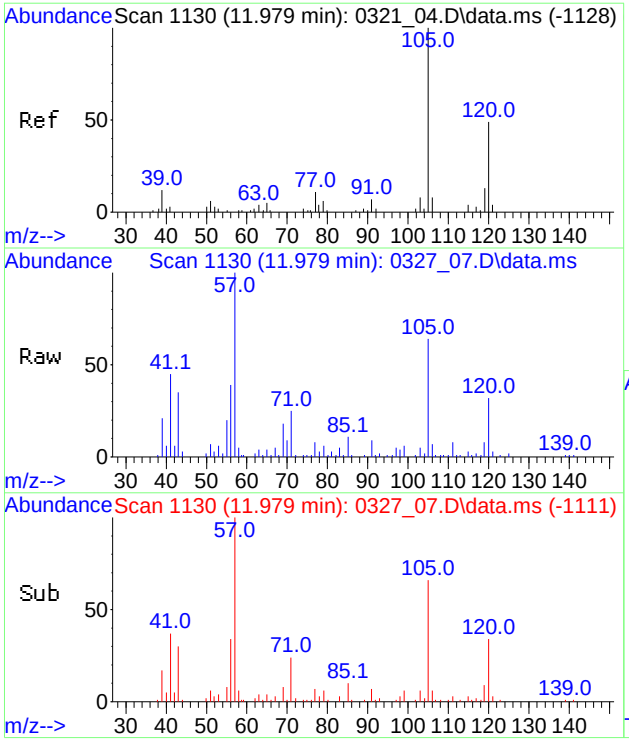


#65
4-Ethyltoluene
Conc: 8$ 1.543 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:105 Resp: 172389

Ion	Ratio	Lower	Upper
105	100		
120	31.1	30.2	45.4
77	10.8	10.5	15.7

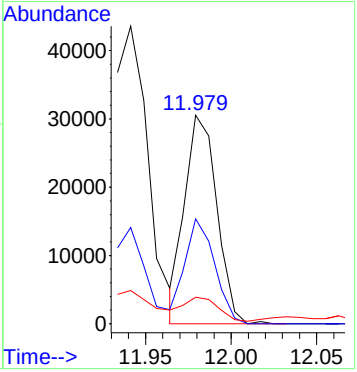


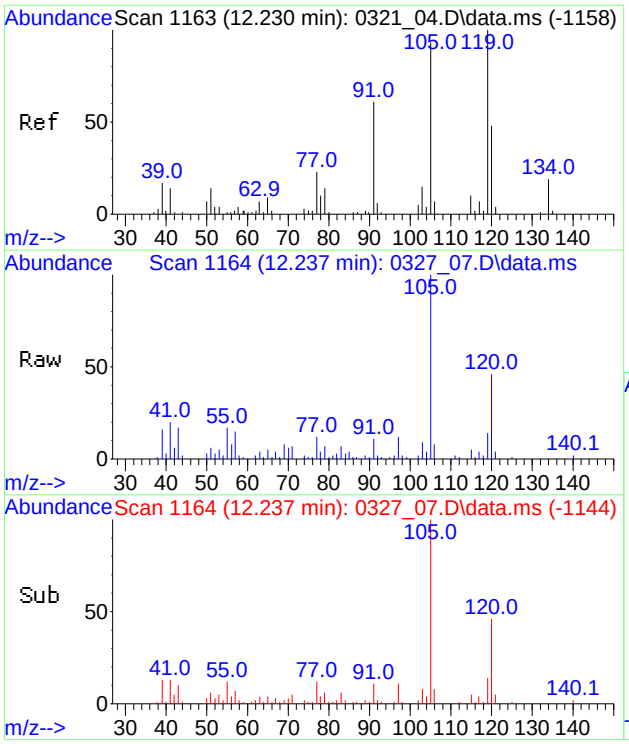


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.441 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:105 Resp: 39755

Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	0.0#
77	12.4	0.2	0.2#

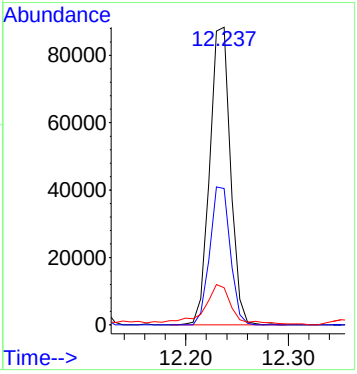


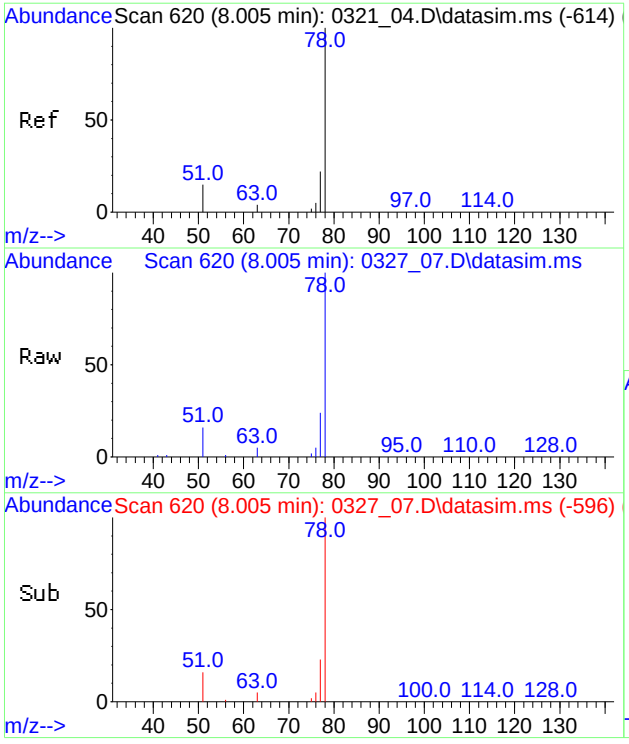


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.153 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:105 Resp: 124317

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.4	59.2
77	18.6	23.9	35.9#

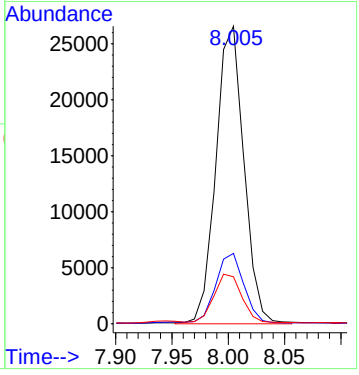


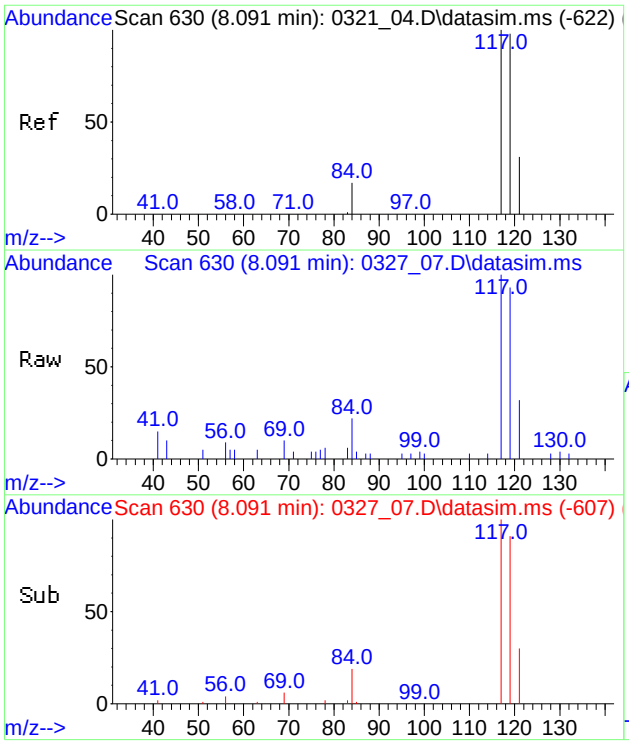


#85
Benzene(sim)
Conc: 8$ 0.713 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 78 Resp: 39376

Ion	Ratio	Lower	Upper
78	100		
77	26.1	17.4	26.0#
51	18.6	15.8	23.6

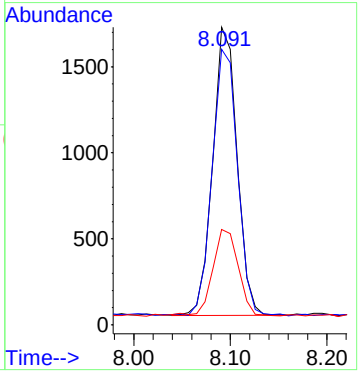


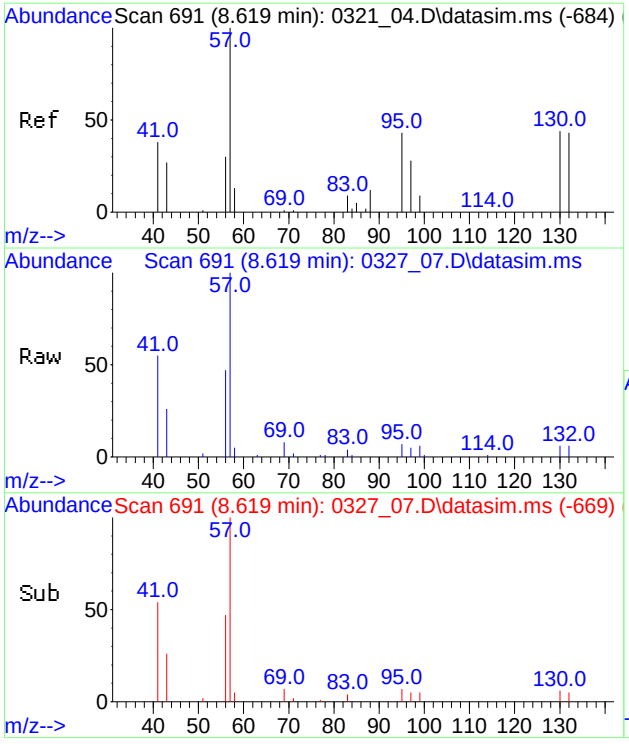


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.066 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:117 Resp: 2918

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
121	32.1	24.2	36.4

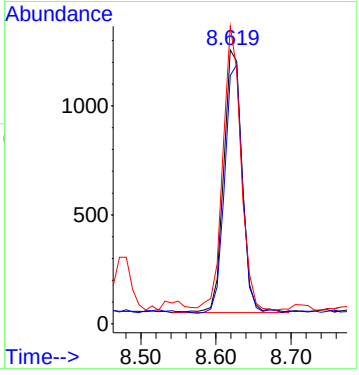


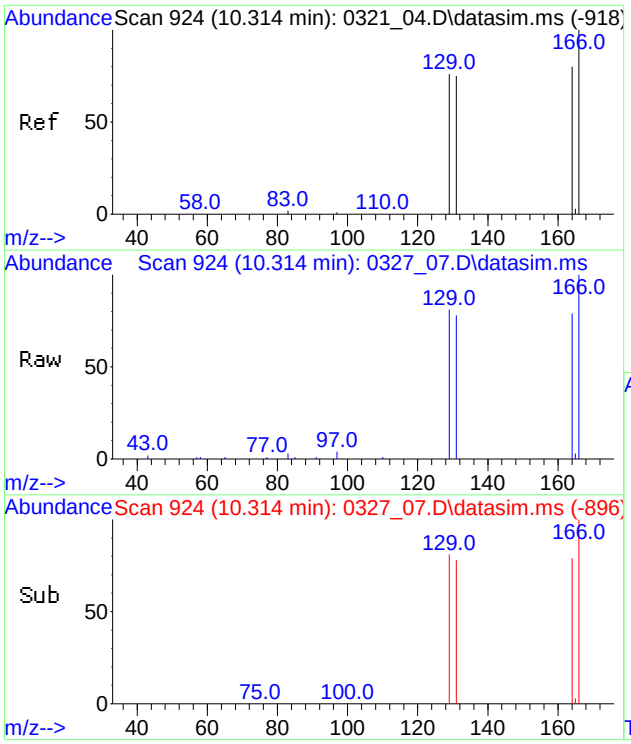


#96
Trichloroethene(sim)
Conc: 8$ 0.064 ppbv
RT: 8.619 min Scan# 691
Delta R.T. -0.008 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:130 Resp: 2066

Ion	Ratio	Lower	Upper
130	100		
132	91.7	78.4	117.6
95	105.0	92.6	138.8

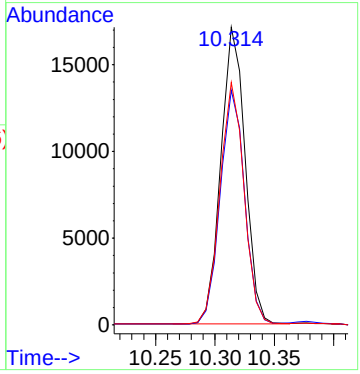


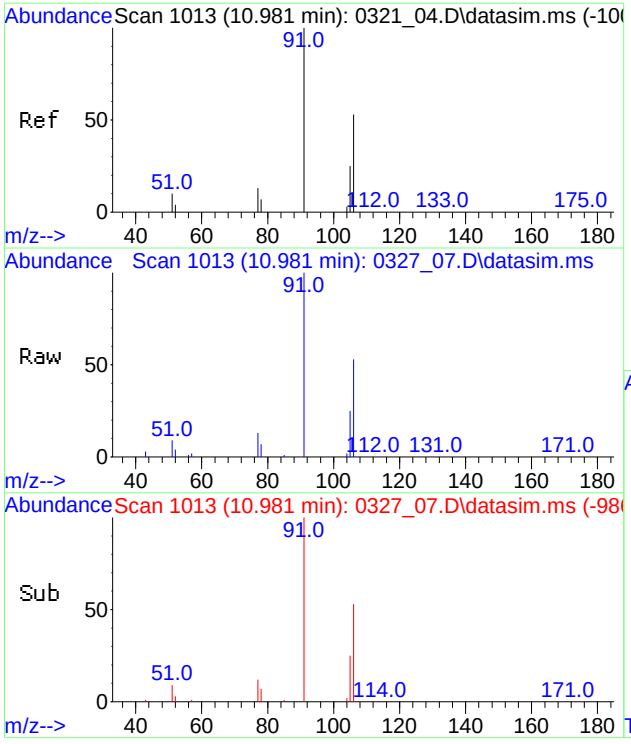


#102
Tetrachloroethene(sim)
Conc: 8$ 0.560 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion:166 Resp: 24200

Ion	Ratio	Lower	Upper
166	100		
164	78.9	54.6	94.6
129	80.7	52.2	92.2

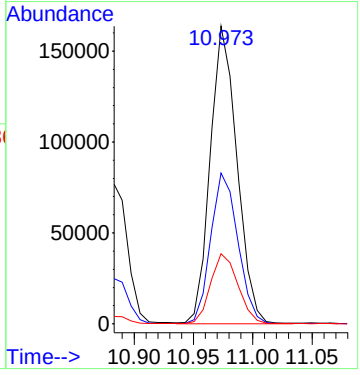




#105
m,p-Xylene(sim)
Conc: 8$ 2.923 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0327_07.D
Acq: 27 Mar 2025 3:47 pm

Tgt Ion: 91 Resp: 226962

Ion	Ratio	Lower	Upper
91	100		
106	50.7	39.6	48.4#
105	24.6	16.6	24.8



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-17

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91406

Canister: 49247 Lab File ID: 0326_20.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.458		0.202	0.202	r
74-87-3	Chloromethane	0.550		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	31.7	S	0.531	0.531	r
67-64-1	Acetone	5.55	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.14	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	6.84		0.339	0.339	r
110-54-3	Hexane	0.956	S	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
71-43-2	Benzene	0.630		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.295		0.215	0.215	r
142-82-5	Heptane	1.45		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	2.05		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.808		0.037	0.037	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
100-41-4	Ethylbenzene	0.749		0.230	0.230	r
179601-23-1	m,p-Xylene	2.20		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.809		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.07		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.328		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.829		0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	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

IA25-17

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91406

Canister: 49247 Lab File ID: 0326_20.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.066		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_20.D
Acq On : 26 Mar 2025 11:59 pm
Operator :
Client ID : IA25-17
Lab ID : CS91406
ALS Vial : 12 Sample Multiplier: 1

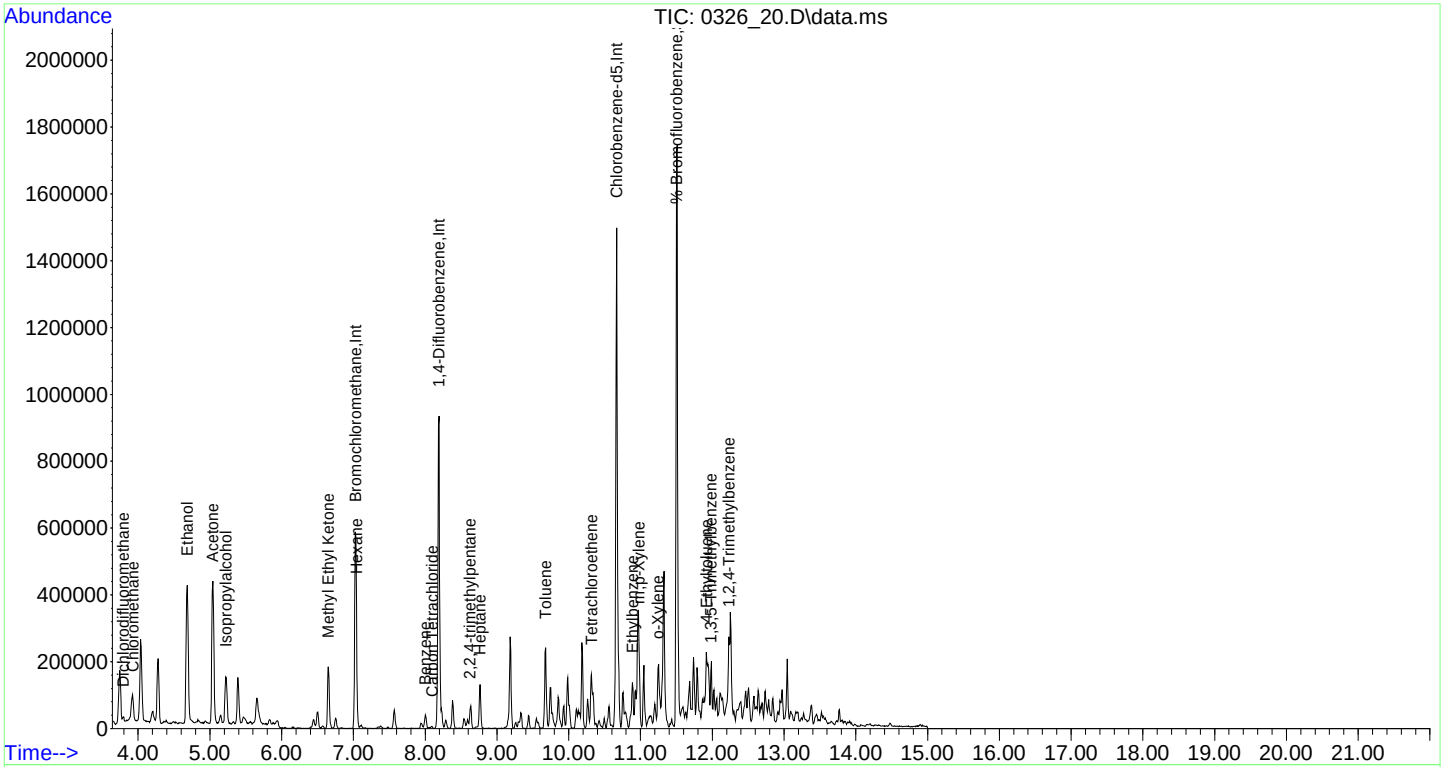
Quant Time: Mar 27 05:27:11 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

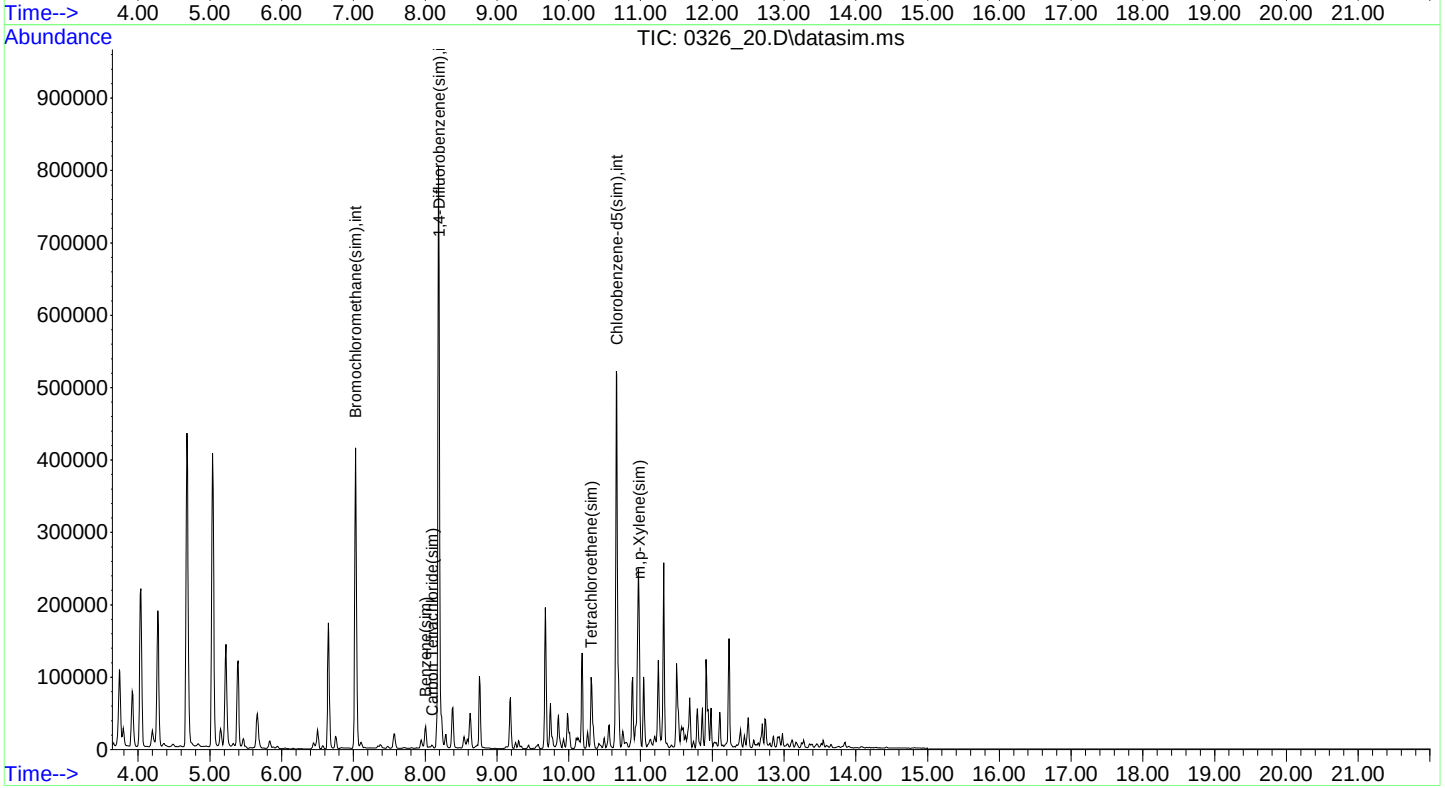
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	179496	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	656349	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	347007	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	206693	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	656349	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	346777	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	414772	10.859	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	25390	0.458	ppbv		97
4) Chloromethane	3.930	50	16531	0.550	ppbv		97
11) Ethanol	4.684	45	510660	31.672	ppbv#		39
12) Acetone	5.033	43	397206	5.553	ppbv#		80
14) Isopropylalcohol	5.220	45	165549	2.138	ppbv#		93
25) Methyl Ethyl Ketone	6.648	43	207737	6.838	ppbv#		93
27) Hexane	7.042	57	20427	0.956	ppbv#		96
33) Benzene	8.002	78	28461	0.630	ppbv		96
34) Carbon Tetrachloride	8.097	117	2567	0.067	ppbv		93
40) 2,2,4-trimethylpentane	8.625	57	24568	0.294	ppbv#		54
43) Heptane	8.763	43	43877	1.447	ppbv		97
48) Toluene	9.677	91	140680	2.054	ppbv		97
52) Tetrachloroethene	10.318	166	33039	0.808	ppbv		97
56) Ethylbenzene	10.887	91	63043	0.748	ppbv		81
57) m,p-Xylene	10.978	91	143647	2.197	ppbv		100
61) o-Xylene	11.243	91	58150	0.809	ppbv#		87
65) 4-Ethyltoluene	11.919	105	107774	1.069	ppbv		94
66) 1,3,5-Trimethylbenzene	11.979	105	26715	0.328	ppbv#		87
67) 1,2,4-Trimethylbenzene	12.230	105	80648	0.829	ppbv#		85
85] Benzene(sim)	8.002	78	28461	0.546	ppbv		96
86] Carbon Tetrachloride(sim)	8.100	117	2754	0.066	ppbv		97
102] Tetrachloroethene(sim)	10.314	166	40775	0.987	ppbv		94
105] m,p-Xylene(sim)	10.978	91	143647	2.052	ppbv#		91

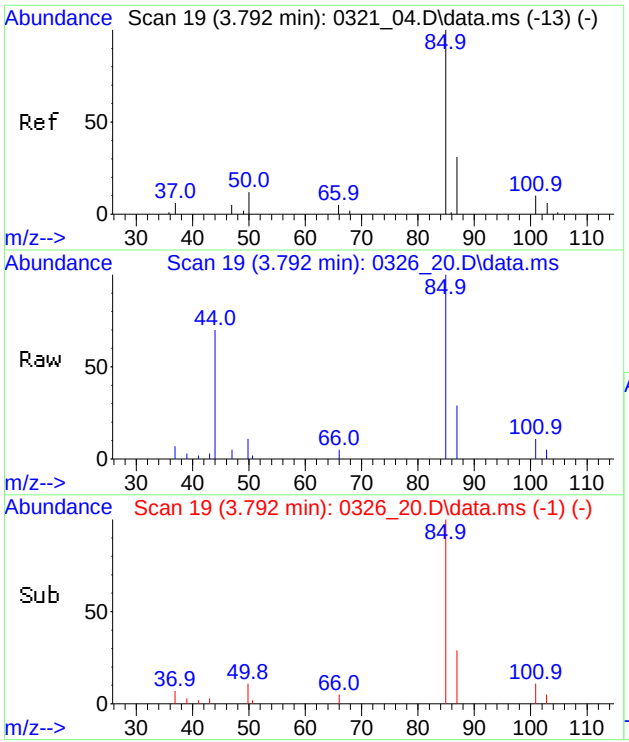
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_20.D
Acq On : 26 Mar 2025 11:59 pm
Operator :
Client ID : IA25-17
Lab ID : CS91406
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 27 05:27:11 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



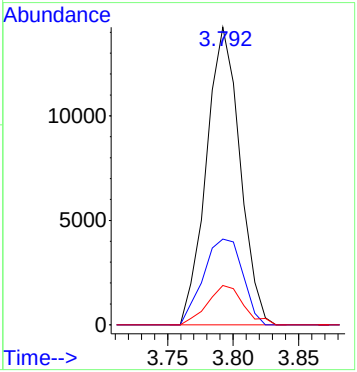


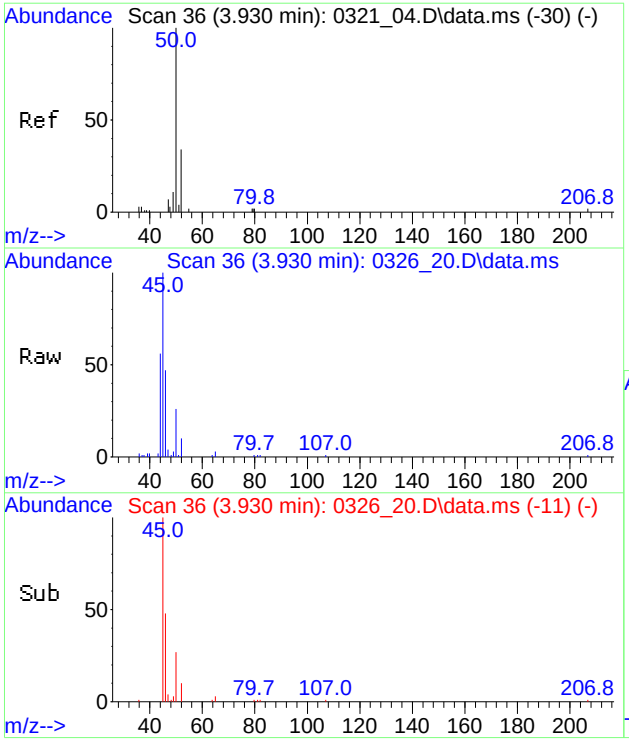


#3
Dichlorodifluoromethane
Conc: 8$ 0.458 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 85 Resp: 25390

Ion	Ratio	Lower	Upper
85	100		
87	33.7	25.8	38.8
50	14.2	10.6	15.8

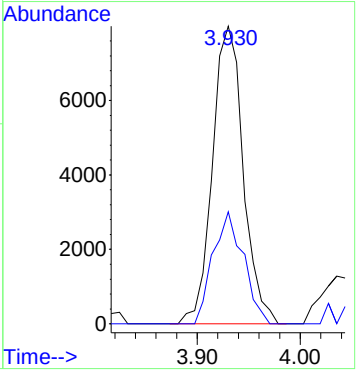


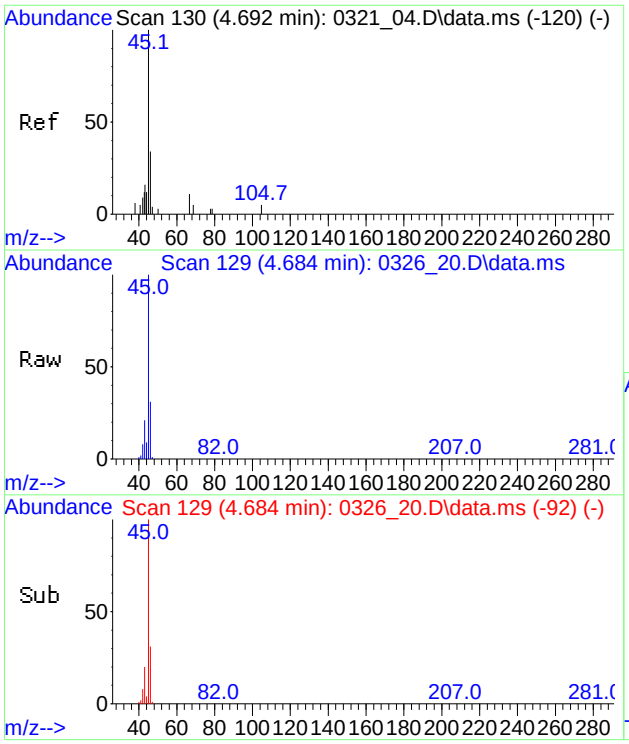


#4
Chloromethane
Conc: 8$ 0.550 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 50 Resp: 16531

Ion	Ratio	Lower	Upper
50	100		
52	37.3	15.5	55.5

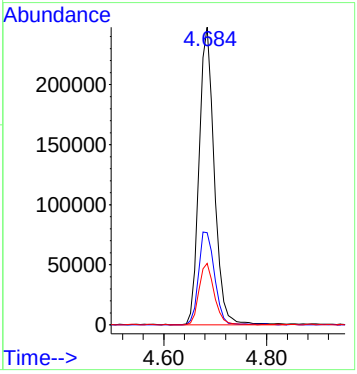


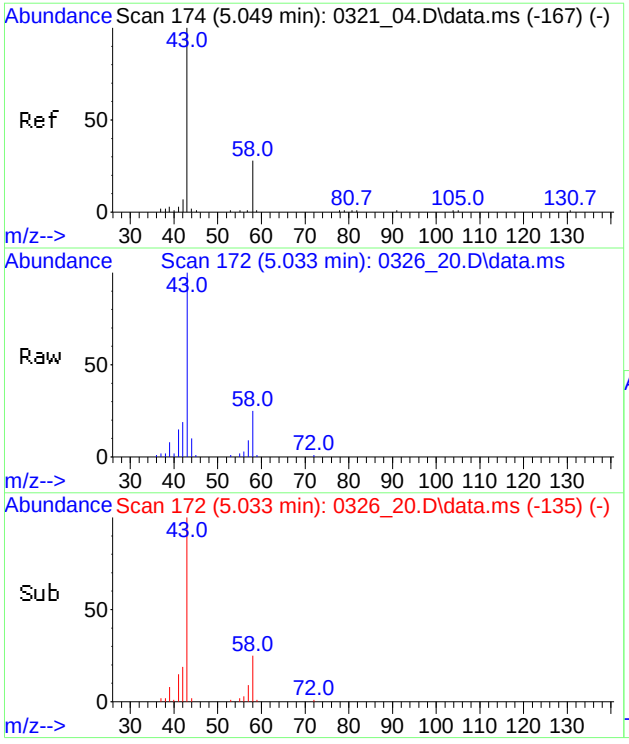


#11
Ethanol
Conc: 8$ 31.672 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 45 Resp: 510660

Ion	Ratio	Lower	Upper
45	100		
46	32.8	0.6	0.8#
43	20.7	0.0	0.0#

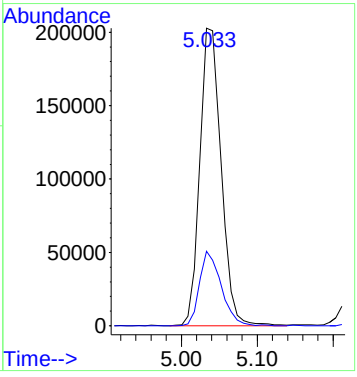


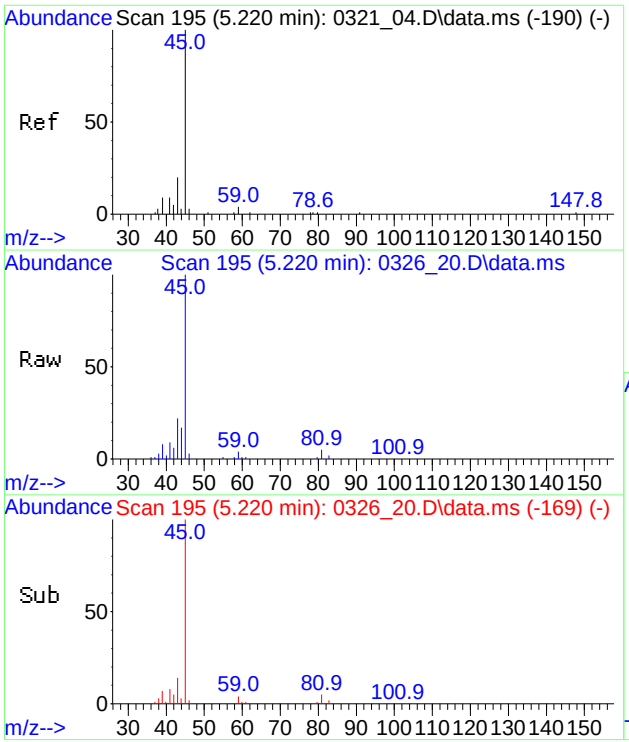


#12
Acetone
Conc: 8$ 5.553 ppbv
RT: 5.033 min Scan# 172
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 43 Resp: 397206

Ion	Ratio	Lower	Upper
43	100		
58	25.6	0.2	0.2#

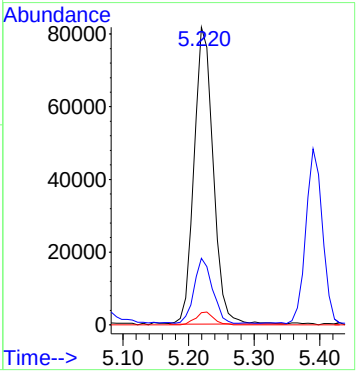


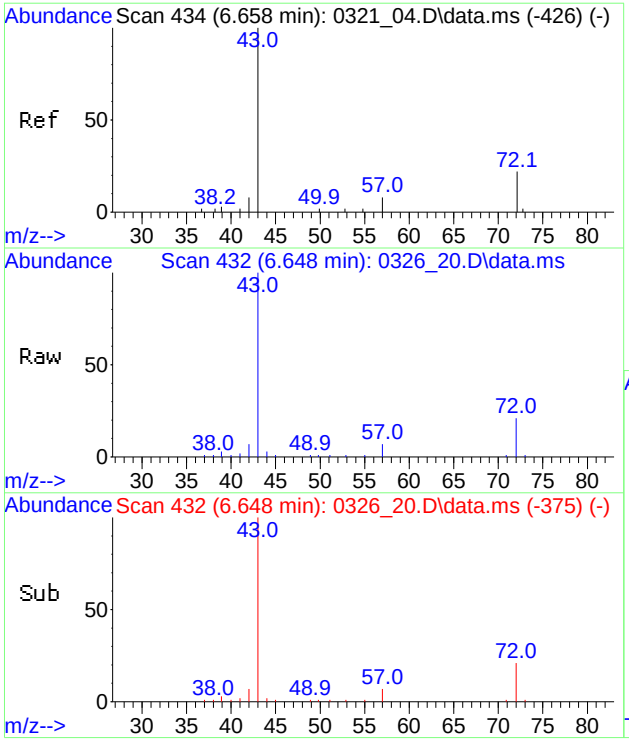


#14
Isopropylalcohol
Conc: 8$ 2.138 ppbv
RT: 5.220 min Scan# 195
Delta R.T. 0.008 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 45 Resp: 165549

Ion	Ratio	Lower	Upper
45	100		
43	20.8	0.0	0.0#
59	4.1	0.6	1.0#

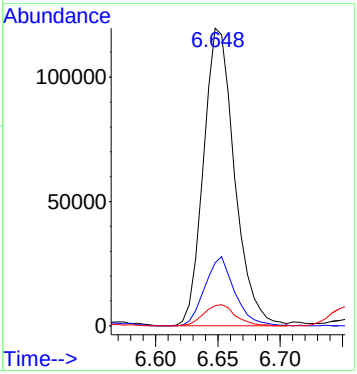


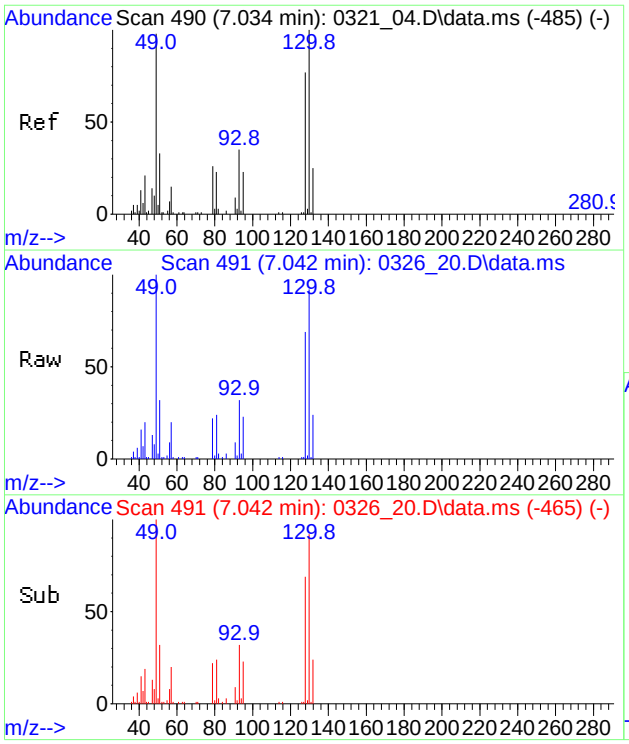


#25
Methyl Ethyl Ketone
Conc: 8$ 6.838 ppbv
RT: 6.648 min Scan# 432
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 43 Resp: 207737

Ion	Ratio	Lower	Upper
43	100		
72	22.3	0.0	0.0#
57	7.2	0.2	0.4#

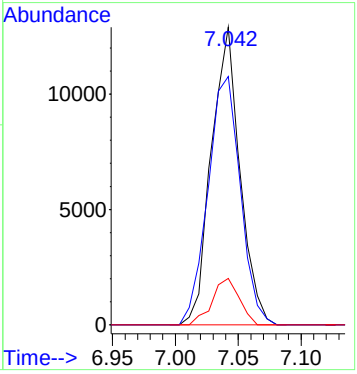


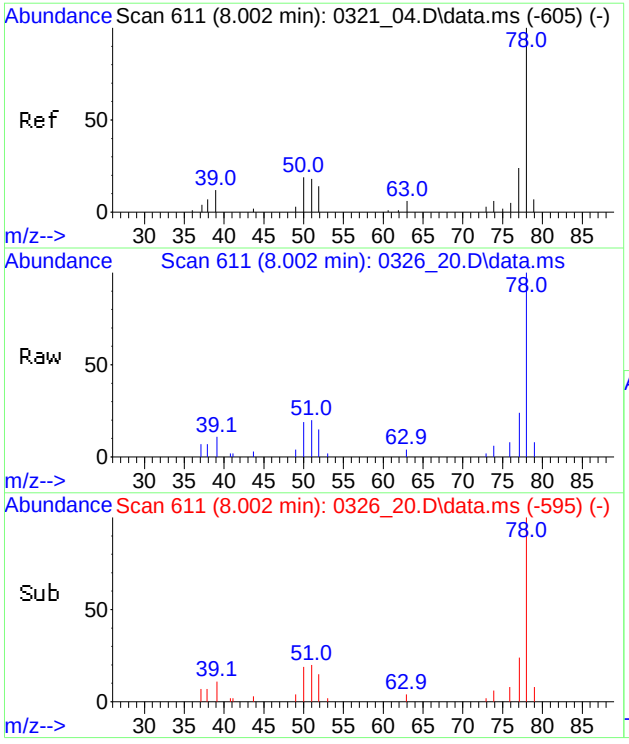


#27
Hexane
Conc: 8$ 0.956 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 57 Resp: 20427

Ion	Ratio	Lower	Upper
57	100		
41	94.6	73.0	109.6
86	14.8	9.8	14.8#

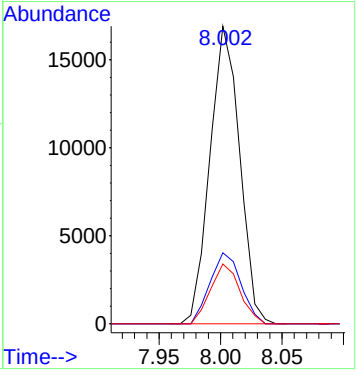


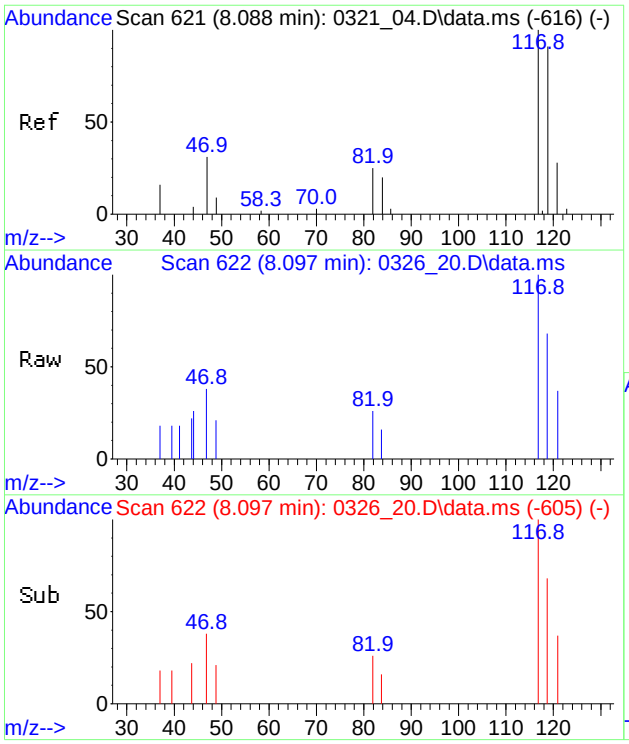


#33
Benzene
Conc: 8$ 0.630 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 78 Resp: 28461

Ion	Ratio	Lower	Upper
78	100		
77	24.9	17.4	26.0
51	20.0	15.8	23.6

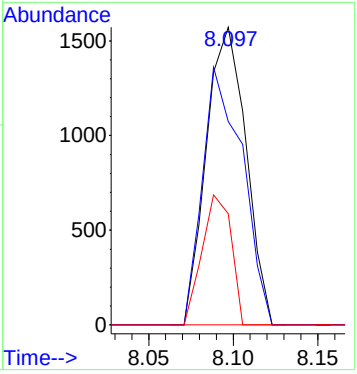


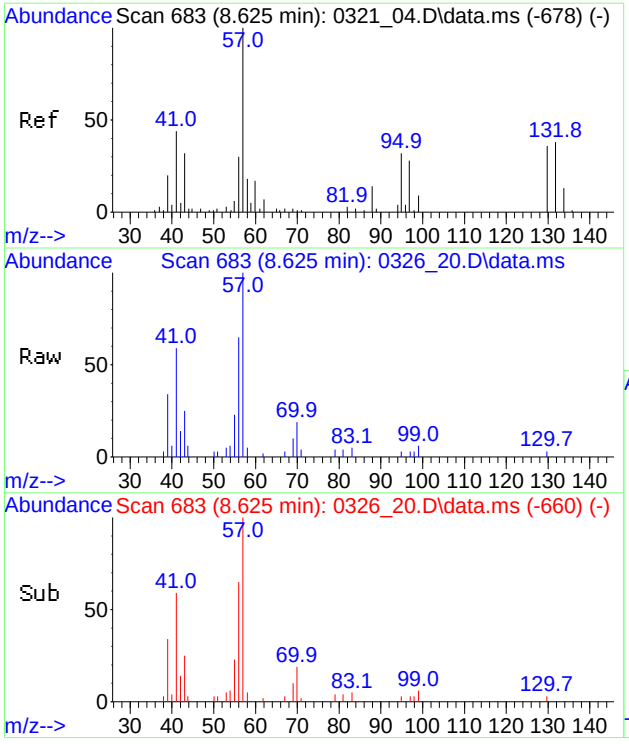


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:117 Resp: 2567

Ion	Ratio	Lower	Upper
117	100		
119	86.5	74.9	114.9
121	32.1	11.2	51.2

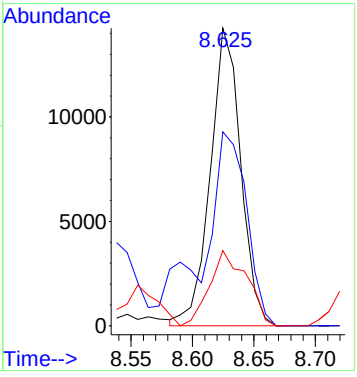


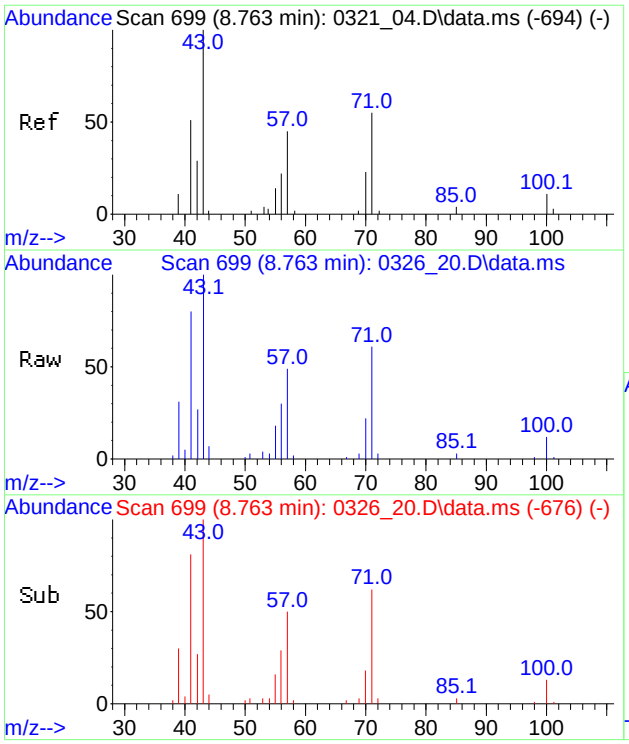


#40
2,2,4-trimethylpentane
Conc: 8$ 0.294 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 57 Resp: 24568

Ion	Ratio	Lower	Upper
57	100		
56	68.5	22.0	33.0#
43	30.7	20.4	30.6#

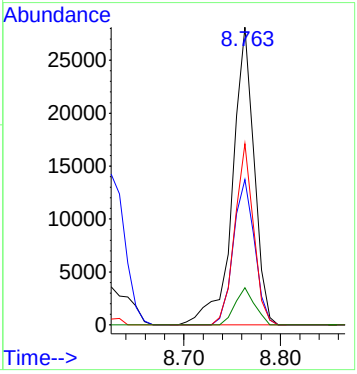


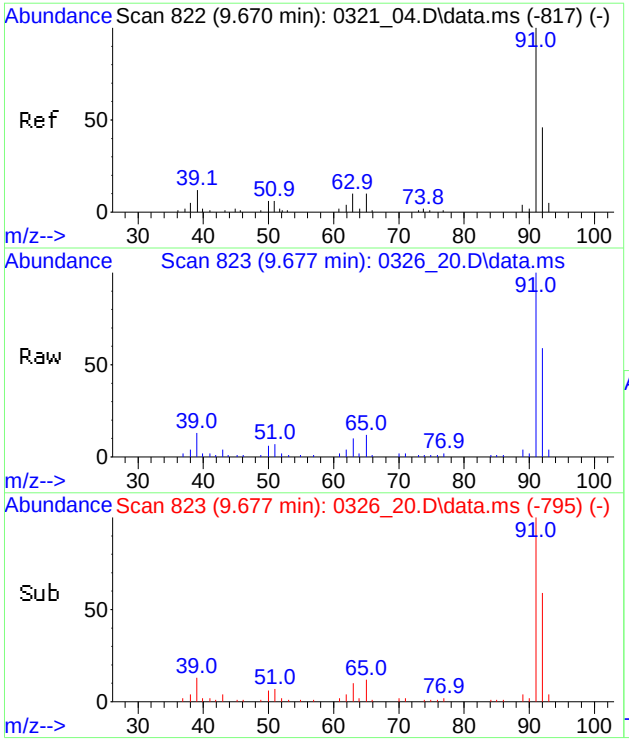


#43
Heptane
Conc: 8$ 1.447 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 43 Resp: 43877

Ion	Ratio	Lower	Upper
43	100		
57	47.6	39.4	59.0
71	52.7	44.5	66.7
100	11.3	8.2	12.2

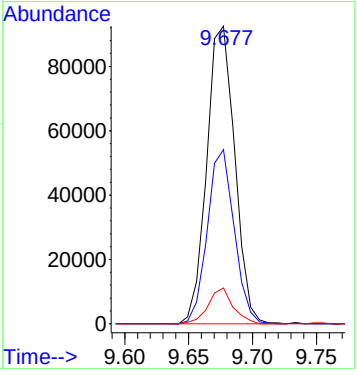


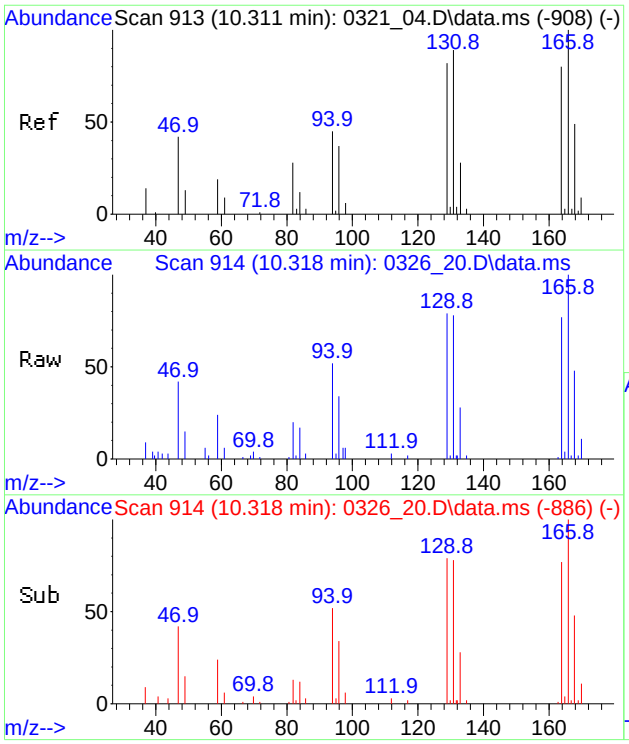


#48
Toluene
Conc: 8$ 2.054 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 91 Resp: 140680

Ion	Ratio	Lower	Upper
91	100		
92	56.0	43.8	65.8
65	10.7	10.6	16.0

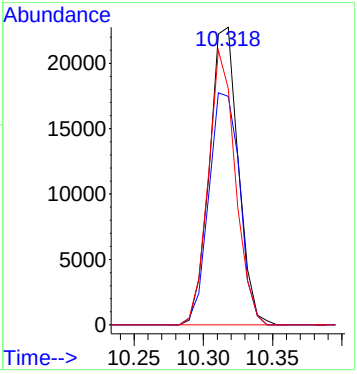


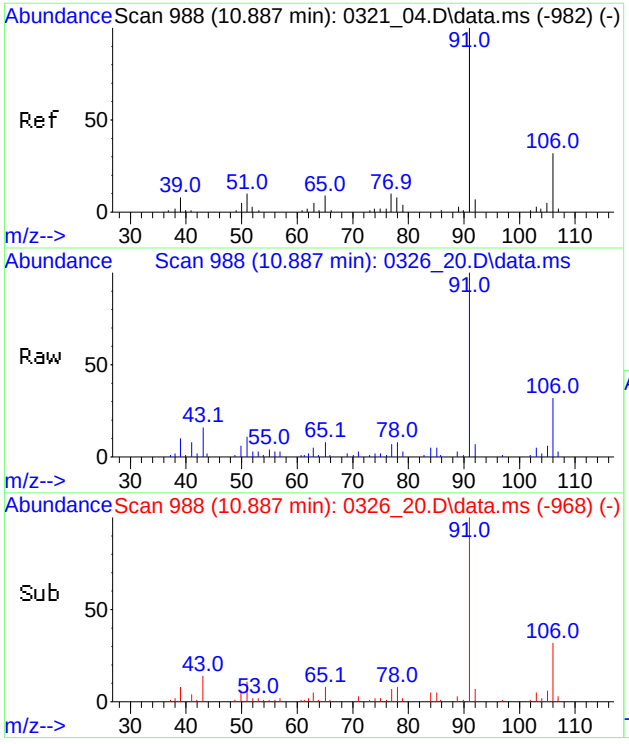


#52
Tetrachloroethene
Conc: 8$ 0.808 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:166 Resp: 33039

Ion	Ratio	Lower	Upper
166	100		
164	83.2	63.4	95.2
129	86.6	68.4	102.6

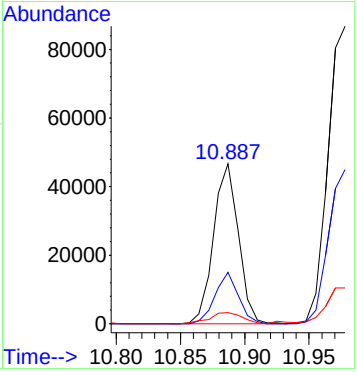


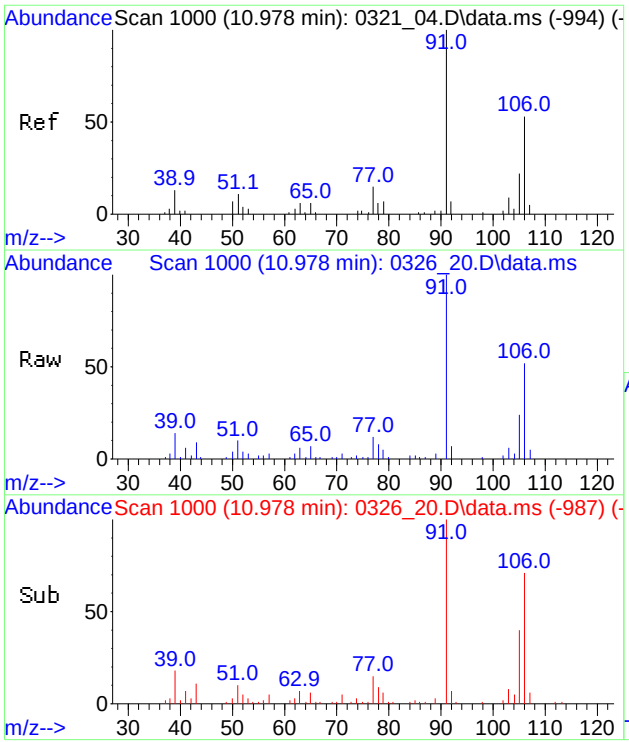


#56
Ethylbenzene
Conc: 8$ 0.748 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 91 Resp: 63043

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.0	64.0
77	9.3	0.0	33.4

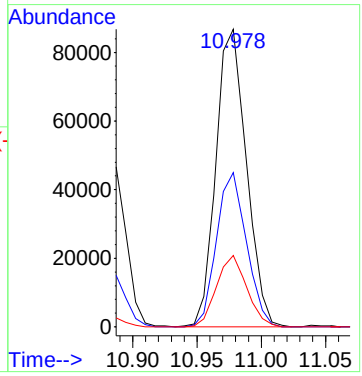


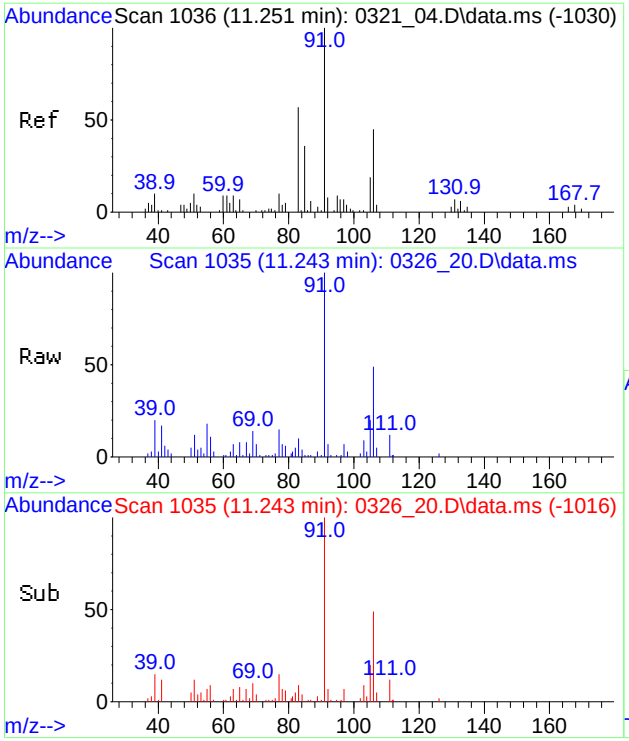


#57
m,p-Xylene
Conc: 8$ 2.197 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 91 Resp: 143647

Ion	Ratio	Lower	Upper
91	100		
106	50.9	0.0	0.0#
105	23.9	0.0	0.0#

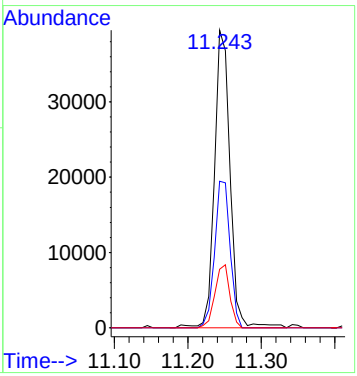


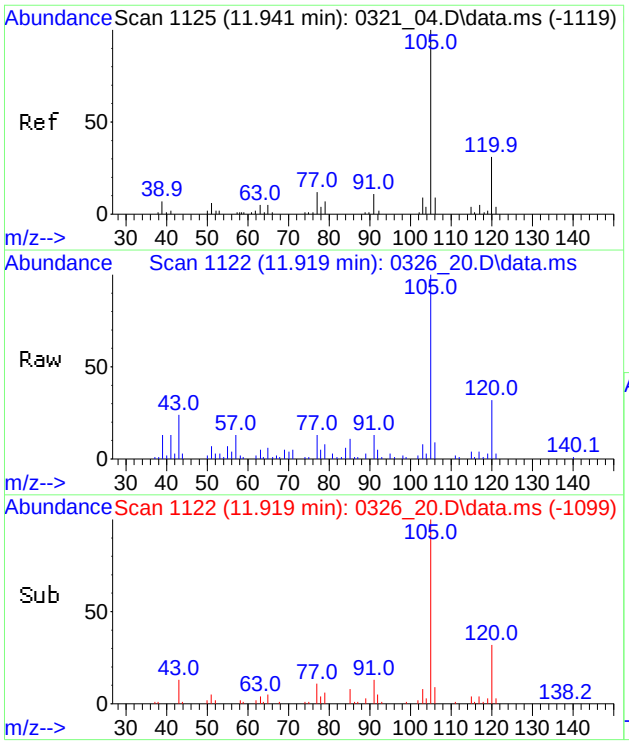


#61
o-Xylene
Conc: 8$ 0.809 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 91 Resp: 58150

Ion	Ratio	Lower	Upper
91	100		
106	48.7	31.7	47.5#
105	20.2	13.4	20.0#

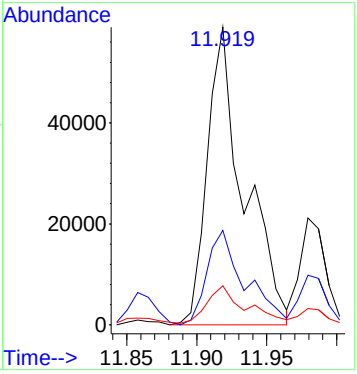


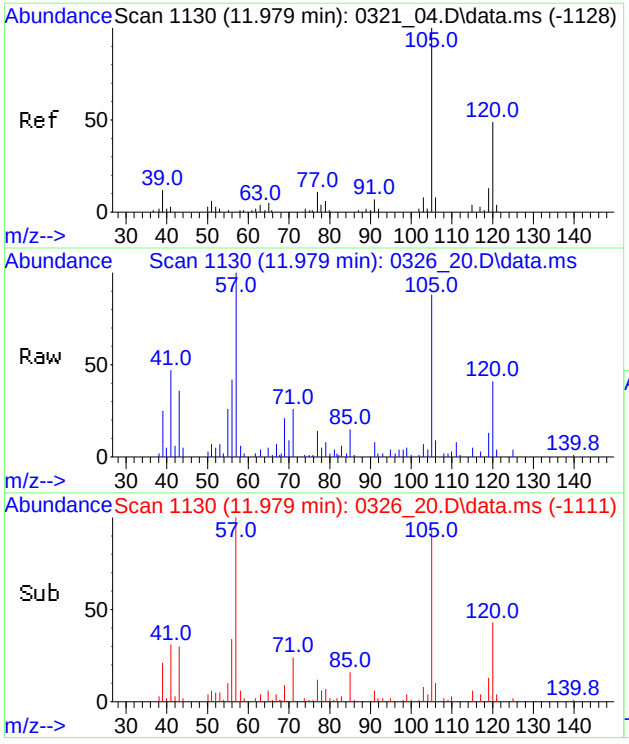


#65
4-Ethyltoluene
Conc: 8$ 1.069 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:105 Resp: 107774

Ion	Ratio	Lower	Upper
105	100		
120	32.9	30.2	45.4
77	12.8	10.5	15.7

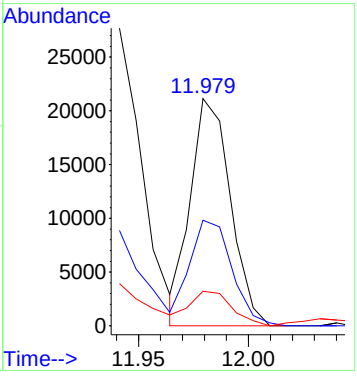


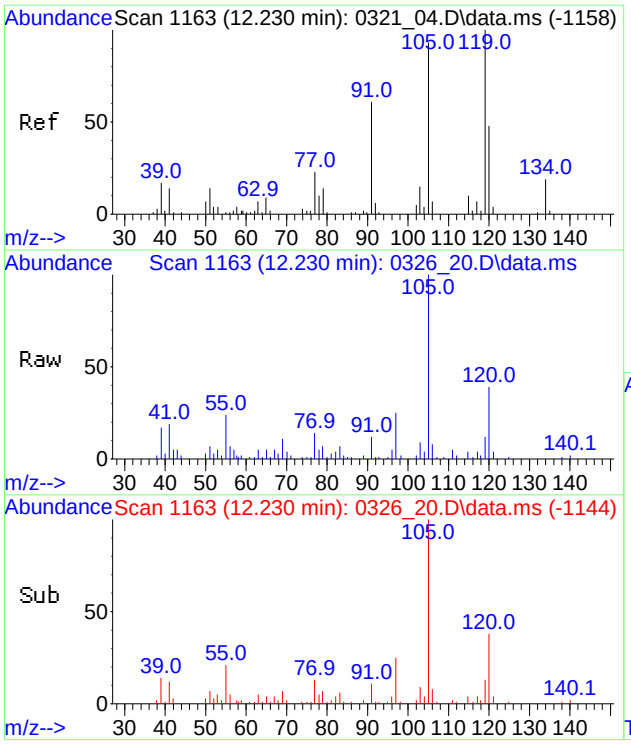


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.328 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:105 Resp: 26715

Ion	Ratio	Lower	Upper
105	100		
120	49.3	0.0	0.0#
77	16.3	0.2	0.2#

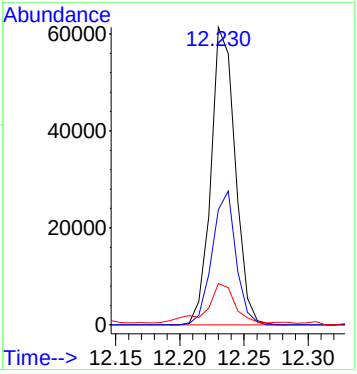


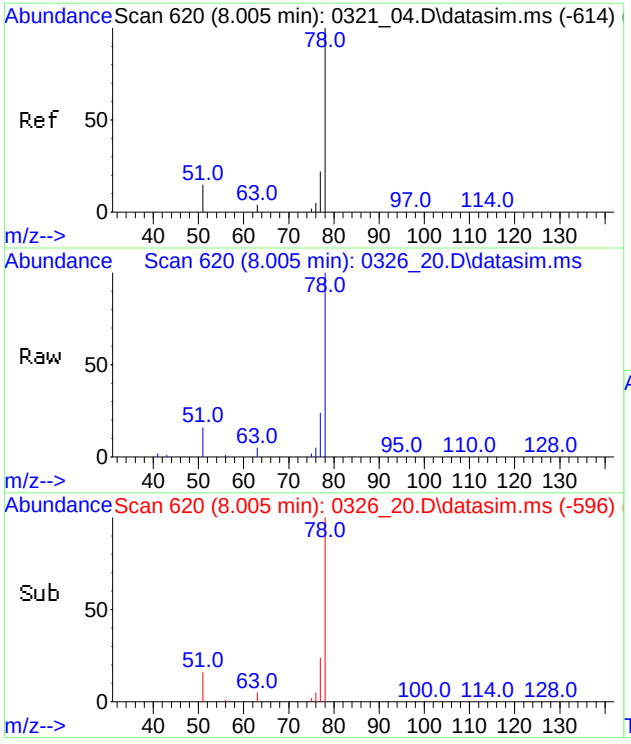


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.829 ppbv
RT: 12.230 min Scan# 1163
Delta R.T. -0.007 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:105 Resp: 80648

Ion	Ratio	Lower	Upper
105	100		
120	44.1	39.4	59.2
77	15.0	23.9	35.9#

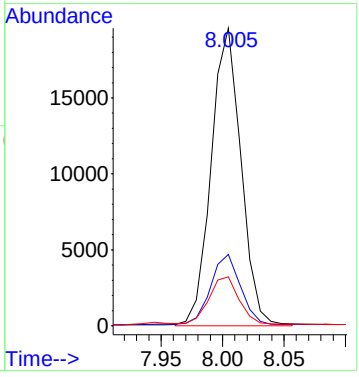


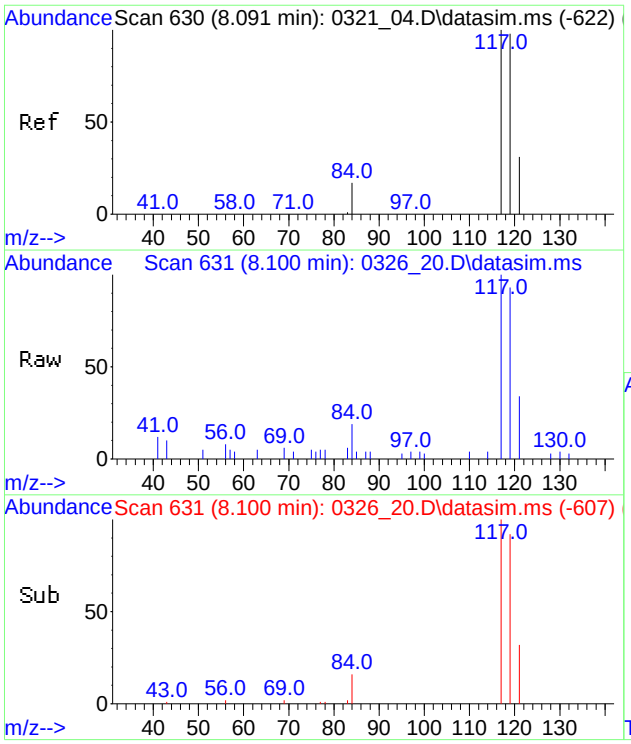


#85
Benzene(sim)
Conc: 8$ 0.546 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 78 Resp: 28461

Ion	Ratio	Lower	Upper
78	100		
77	24.9	17.4	26.0
51	20.0	15.8	23.6

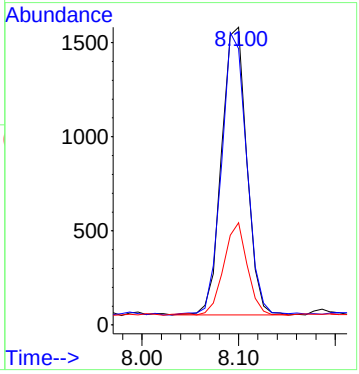


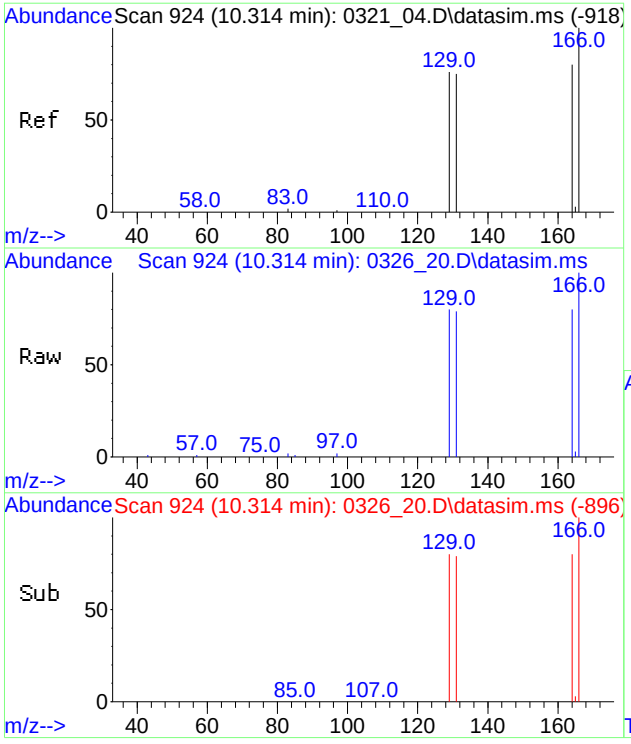


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.066 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:117 Resp: 2754

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.6	115.0
121	30.9	24.2	36.4

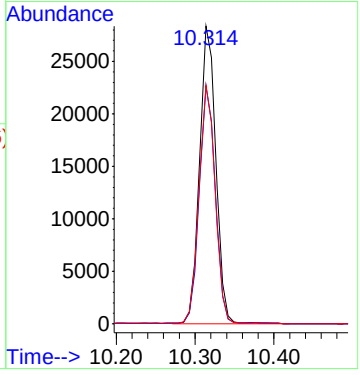


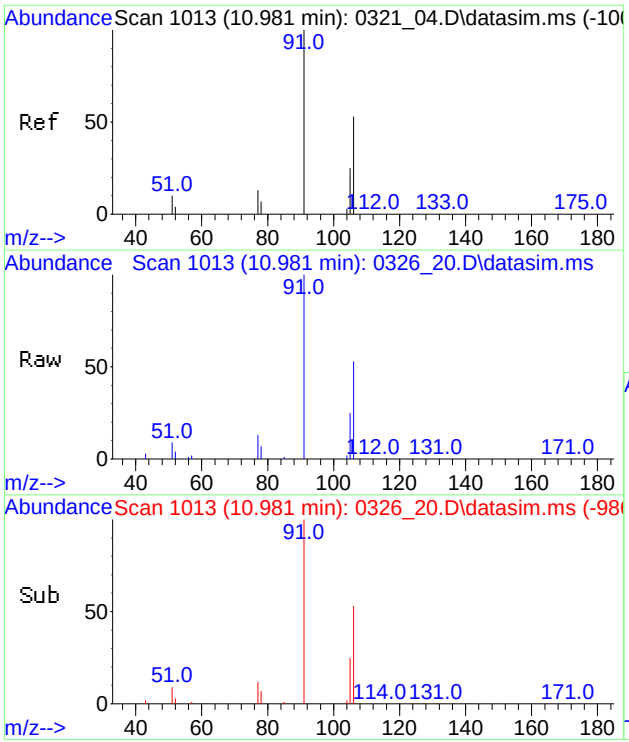


#102
Tetrachloroethene(sim)
Conc: 8$ 0.987 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion:166 Resp: 40775

Ion	Ratio	Lower	Upper
166	100		
164	77.6	54.6	94.6
129	79.7	52.2	92.2

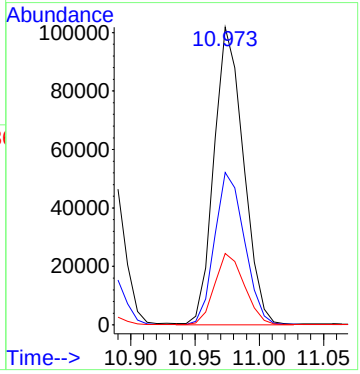




#105
m,p-Xylene(sim)
Conc: 8$ 2.052 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_20.D
Acq: 26 Mar 2025 11:59 pm

Tgt Ion: 91 Resp: 143647

Ion	Ratio	Lower	Upper
91	100		
106	50.9	39.6	48.4#
105	23.9	16.6	24.8



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-08

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91407

Canister: 49245 Lab File ID: 0326_21.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.496		0.202	0.202	r
74-87-3	Chloromethane	0.608		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	106	ES	0.531	0.531	r
67-64-1	Acetone	9.13	S	0.421	0.421	r
67-63-0	Isopropylalcohol	8.07	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	8.45		0.339	0.339	r
110-54-3	Hexane	0.455	S	0.284	0.284	r
67-66-3	Chloroform	0.364		0.205	0.205	r
141-78-6	Ethyl acetate	0.488		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.397		0.339	0.339	r
71-43-2	Benzene	0.416		0.313	0.313	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	0.490		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	1.10		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.486		0.037	0.037	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
100-41-4	Ethylbenzene	0.267		0.230	0.230	r
179601-23-1	m,p-Xylene	0.760		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.337		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.752		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.428		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.911		0.204	0.204	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: IA25-08

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91407

Canister: 49245 Lab File ID: 0326_21.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
106-46-7	1,4-Dichlorobenzene	0.220		0.166	0.166	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
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
56-23-5	Carbon Tetrachloride(sim)	0.067		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_21.D
Acq On : 27 Mar 2025 12:36 am
Operator :
Client ID : IA25-08
Lab ID : CS91407
ALS Vial : 13 Sample Multiplier: 1

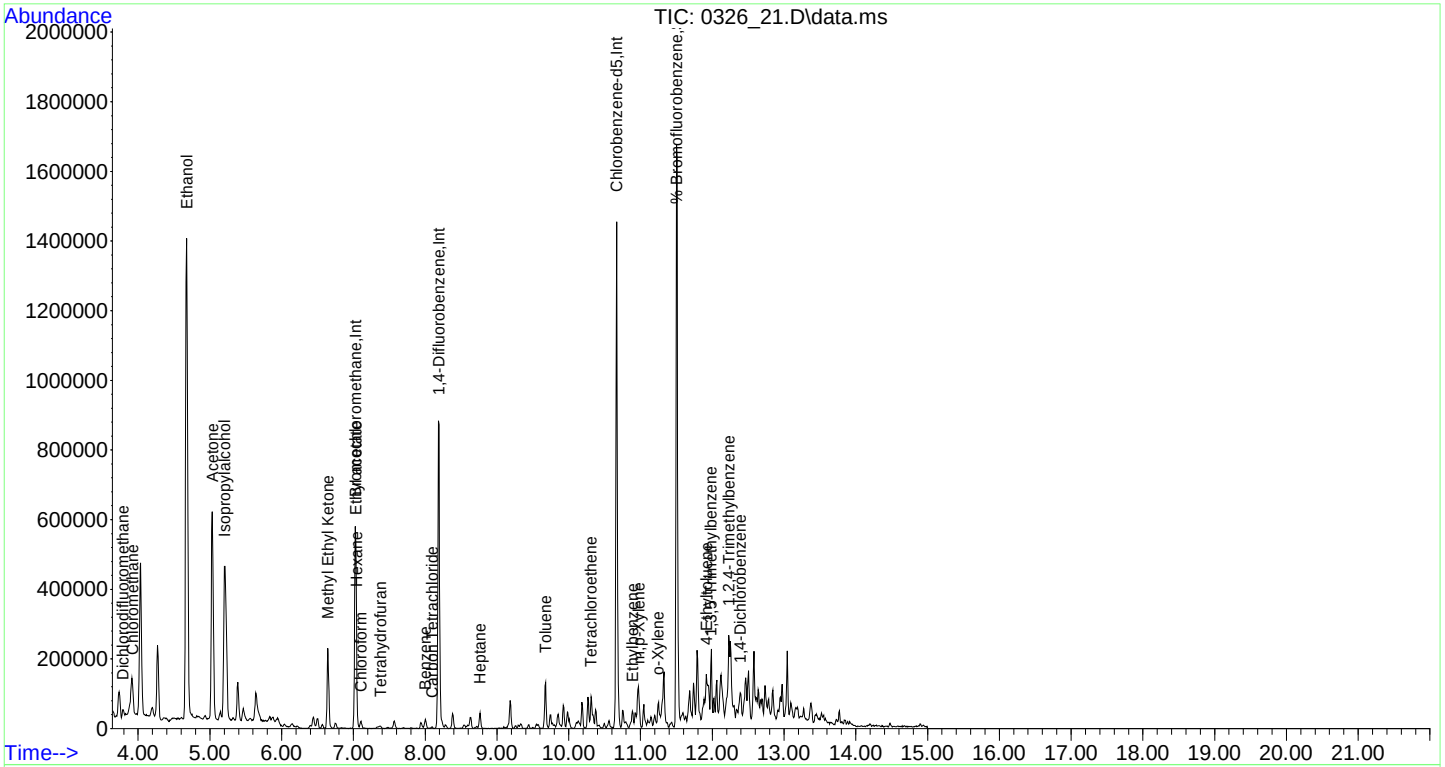
Quant Time: Mar 27 05:28:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

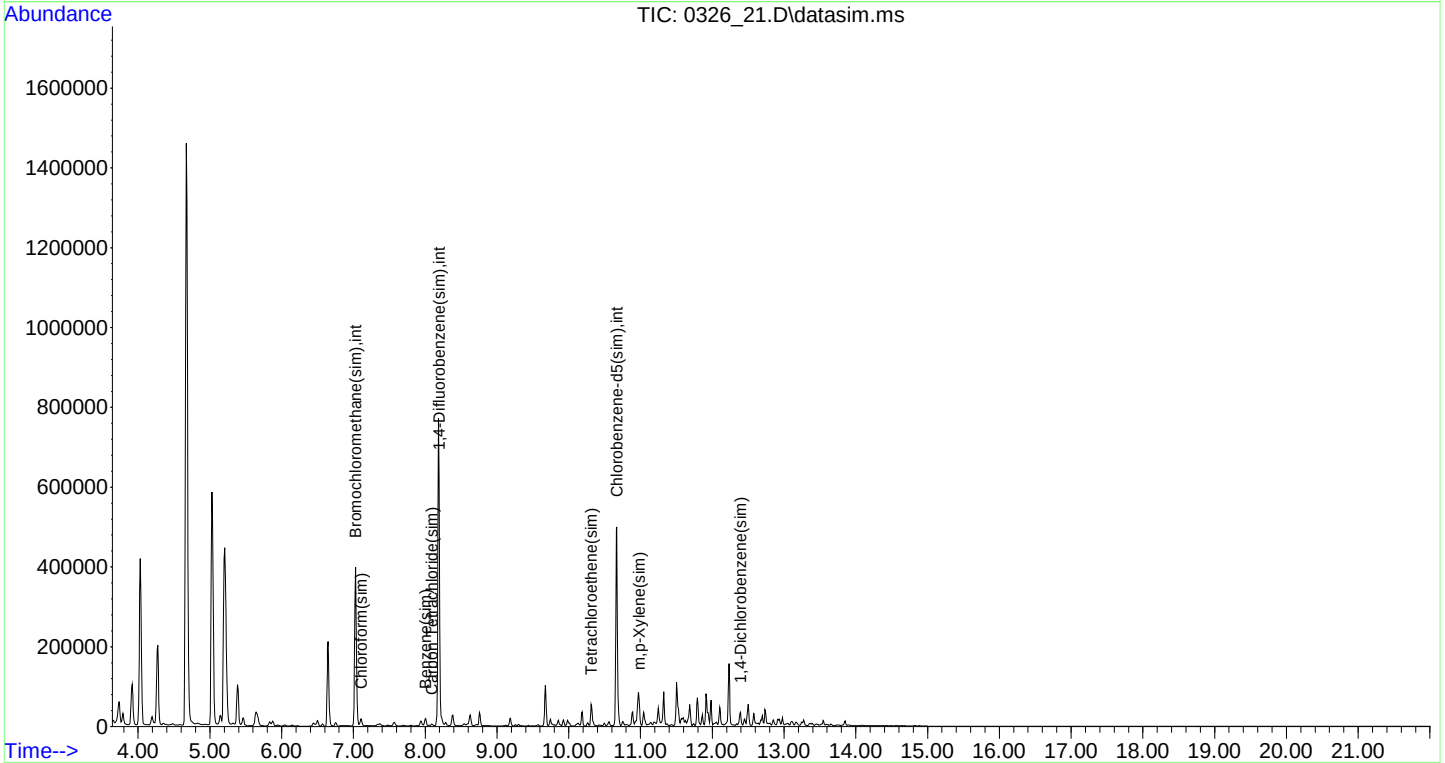
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	173949	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	639617	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	324836	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	201421	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	639617	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	324836	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	406147	11.359	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.784	85	26638	0.496	ppbv		96
4) Chloromethane	3.922	50	17705	0.608	ppbv		97
11) Ethanol	4.676	45	1655169	105.930	ppbv#		40
12) Acetone	5.033	43	632830	9.130	ppbv#		79
14) Isopropylalcohol	5.203	45	605148	8.065	ppbv#		94
25) Methyl Ethyl Ketone	6.643	43	248820	8.452	ppbv#		93
27) Hexane	7.042	57	9432	0.455	ppbv		92
28) Chloroform	7.104	83	11866	0.363	ppbv		92
29) Ethyl acetate	7.034	61	2294	0.488	ppbv#		78
30) Tetrahydrofuran	7.375	42	5709	0.397	ppbv#		76
33) Benzene	8.002	78	18202	0.416	ppbv#		94
34) Carbon Tetrachloride	8.097	117	2369	0.063	ppbv		92
43) Heptane	8.763	43	14479	0.490	ppbv#		96
48) Toluene	9.677	91	73602	1.103	ppbv		99
52) Tetrachloroethene	10.311	166	19359	0.486	ppbv		98
56) Ethylbenzene	10.887	91	21019	0.267	ppbv		80
57) m,p-Xylene	10.978	91	46503	0.760	ppbv		100
61) o-Xylene	11.243	91	22663	0.337	ppbv		94
65) 4-Ethyltoluene	11.919	105	70928	0.752	ppbv		90
66) 1,3,5-Trimethylbenzene	11.979	105	32634	0.428	ppbv#		88
67) 1,2,4-Trimethylbenzene	12.230	105	82916	0.911	ppbv#		88
70) 1,4-Dichlorobenzene	12.389	146	14278	0.220	ppbv		100
85] Benzene(sim)	8.002	78	18202	0.359	ppbv#		94
86] Carbon Tetrachloride(sim)	8.091	117	2737	0.067	ppbv		99
92] Chloroform(sim)	7.107	83	13917	0.347	ppbv		98
102] Tetrachloroethene(sim)	10.314	166	21826	0.542	ppbv		94
105] m,p-Xylene(sim)	10.978	91	46503	0.709	ppbv#		85
109] 1,4-Dichlorobenzene(sim)	12.389	146	14278	0.219	ppbv		96

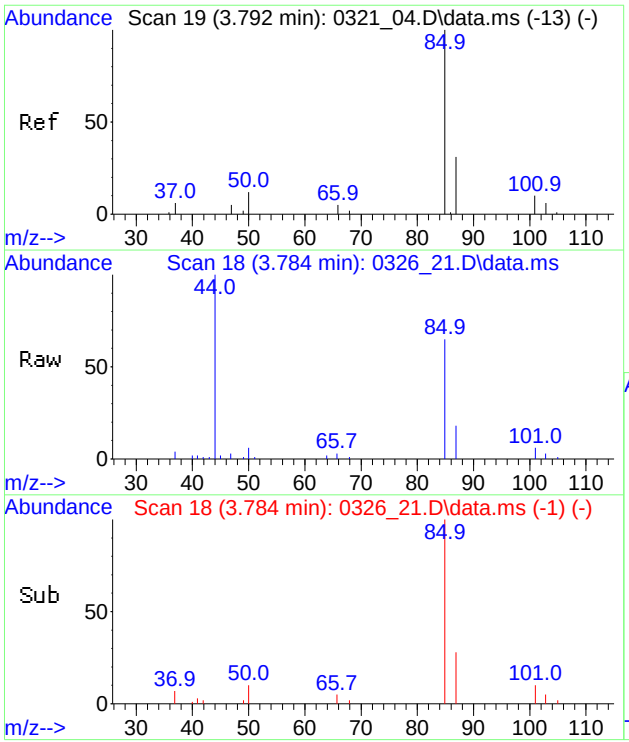
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_21.D
Acq On : 27 Mar 2025 12:36 am
Operator :
Client ID : IA25-08
Lab ID : CS91407
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 27 05:28:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



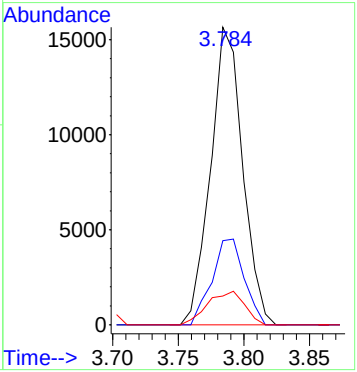


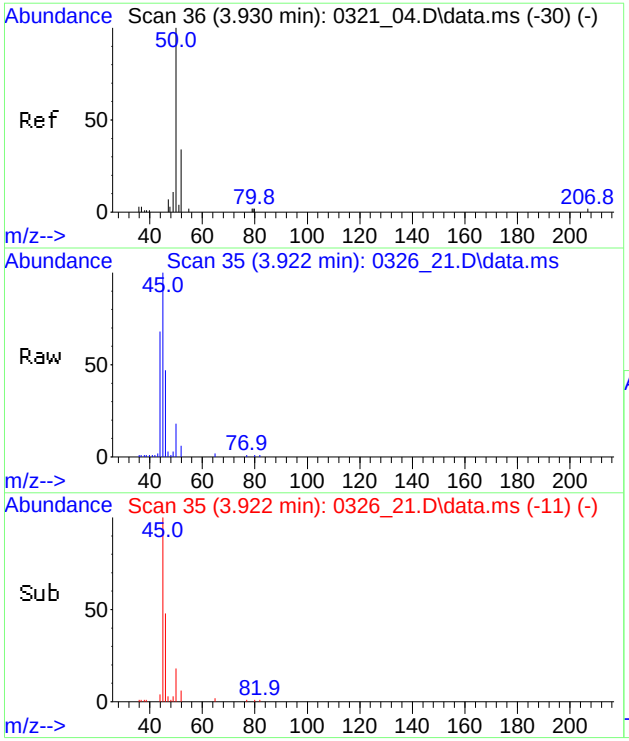


#3
Dichlorodifluoromethane
Conc: 8$ 0.496 ppbv
RT: 3.784 min Scan# 18
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 85 Resp: 26638

Ion	Ratio	Lower	Upper
85	100		
87	29.1	25.8	38.8
50	13.0	10.6	15.8

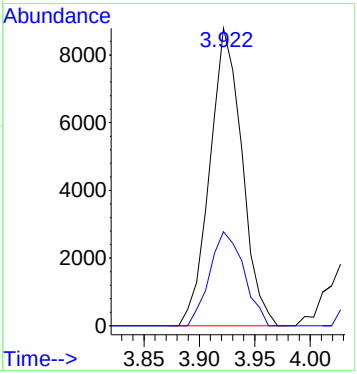


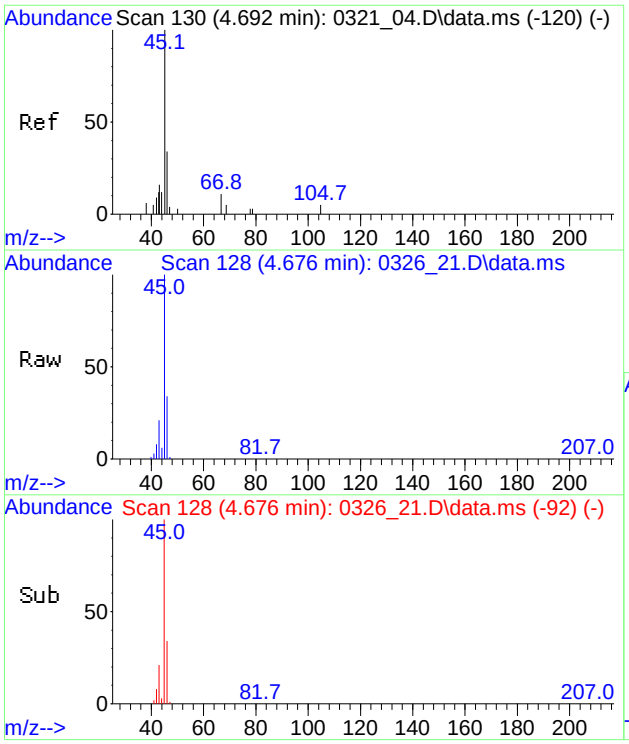


#4
Chloromethane
Conc: 8$ 0.608 ppbv
RT: 3.922 min Scan# 35
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 50 Resp: 17705

Ion	Ratio	Lower	Upper
50	100		
52	33.6	15.5	55.5

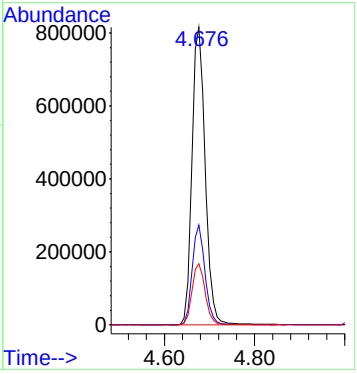


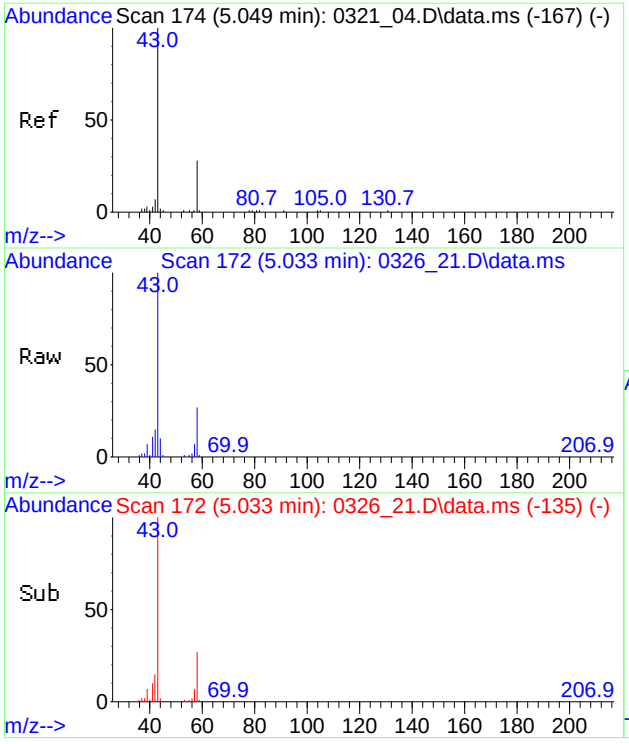


#11
Ethanol
Conc: 8$ 105.930 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 45 Resp: 1655169

Ion	Ratio	Lower	Upper
45	100		
46	32.6	0.6	0.8#
43	20.6	0.0	0.0#

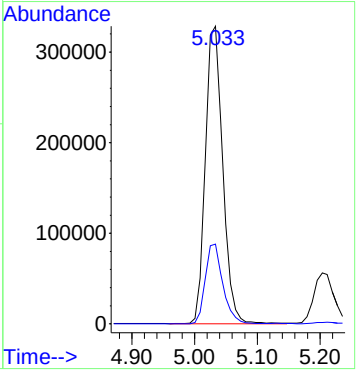


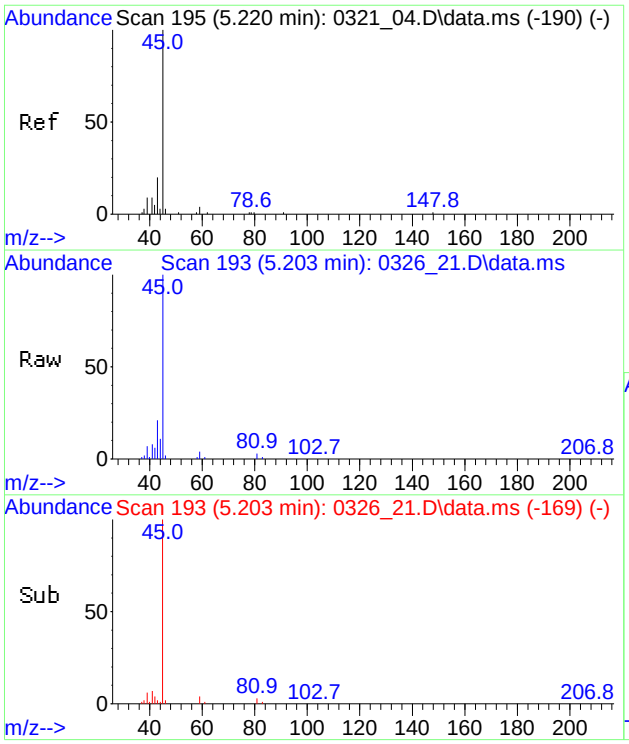


#12
Acetone
Conc: 8$ 9.130 ppbv
RT: 5.033 min Scan# 172
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 43 Resp: 632830

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.2	0.2#

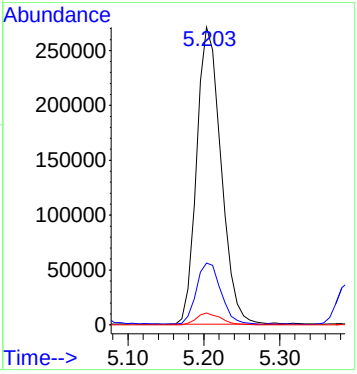


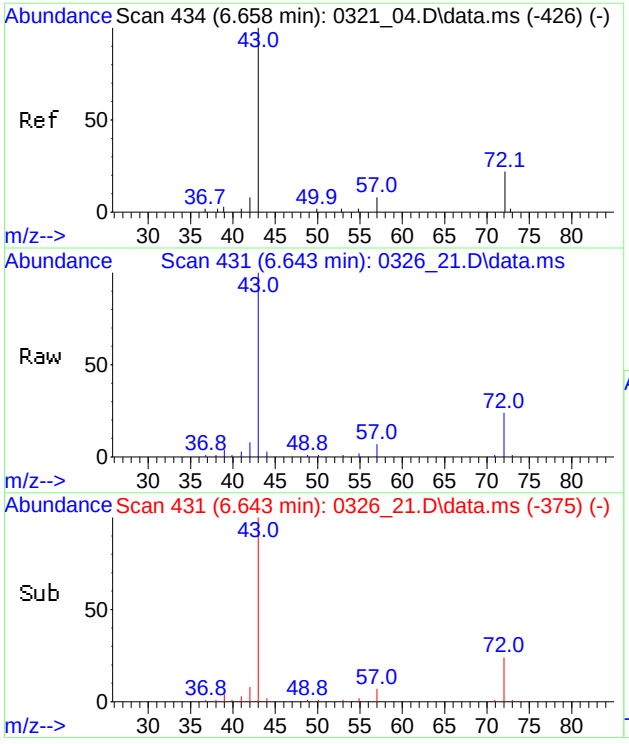


#14
Isopropylalcohol
Conc: 8$ 8.065 ppbv
RT: 5.203 min Scan# 193
Delta R.T. -0.009 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 45 Resp: 605148

Ion	Ratio	Lower	Upper
45	100		
43	20.9	0.0	0.0#
59	4.0	0.6	1.0#

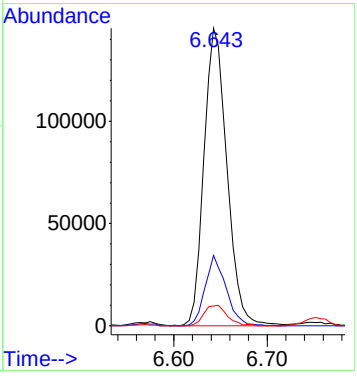


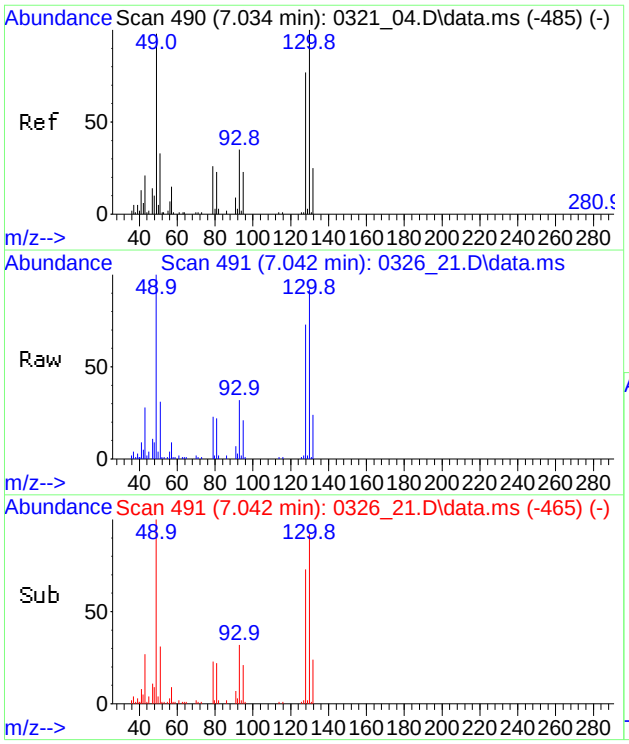


#25
Methyl Ethyl Ketone
Conc: 8$ 8.452 ppbv
RT: 6.643 min Scan# 431
Delta R.T. -0.005 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 43 Resp: 248820

Ion	Ratio	Lower	Upper
43	100		
72	21.5	0.0	0.0#
57	7.0	0.2	0.4#

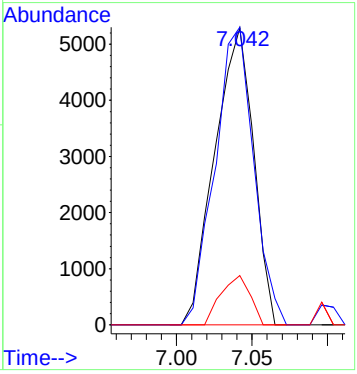


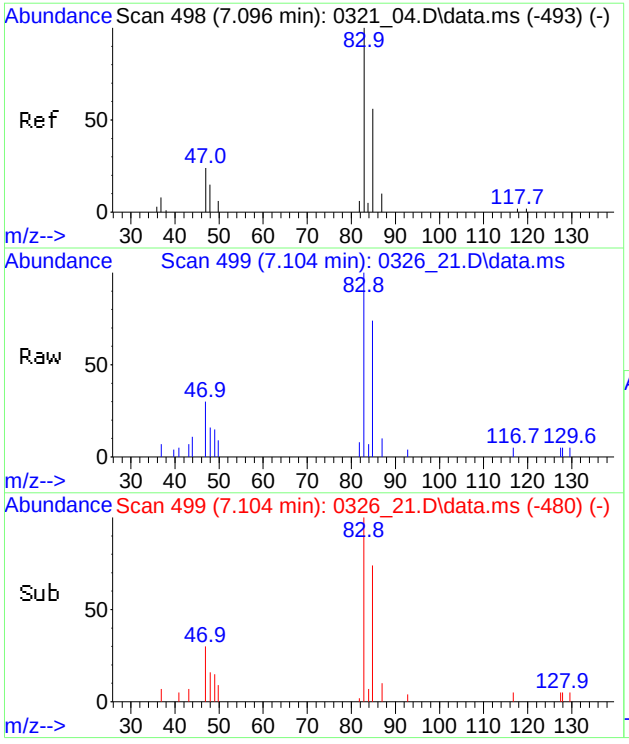


#27
Hexane
Conc: 8$ 0.455 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 57 Resp: 9432

Ion	Ratio	Lower	Upper
57	100		
41	100.3	73.0	109.6
86	12.5	9.8	14.8

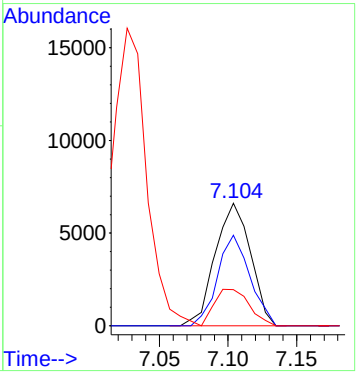


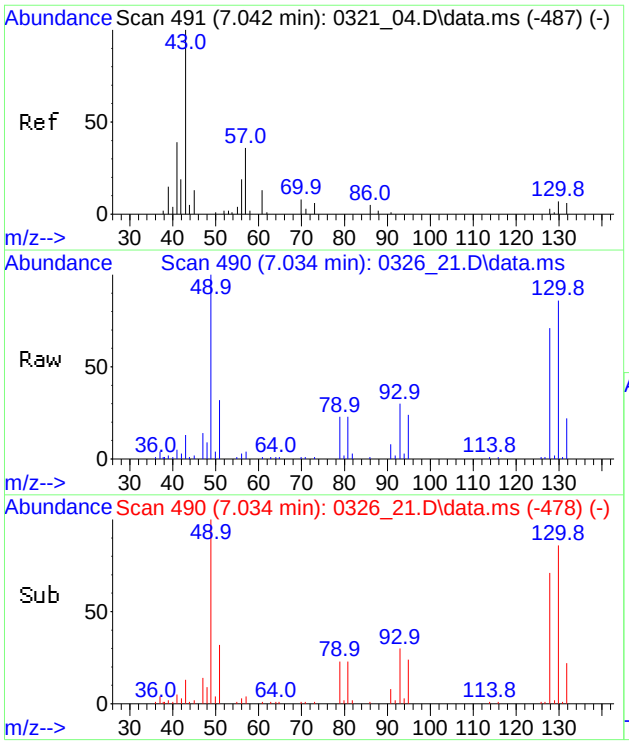


#28
Chloroform
Conc: 8$ 0.363 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 83 Resp: 11866

Ion	Ratio	Lower	Upper
83	100		
85	67.5	39.7	79.7
47	29.4	7.3	47.3

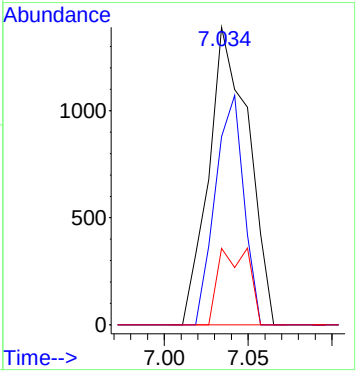


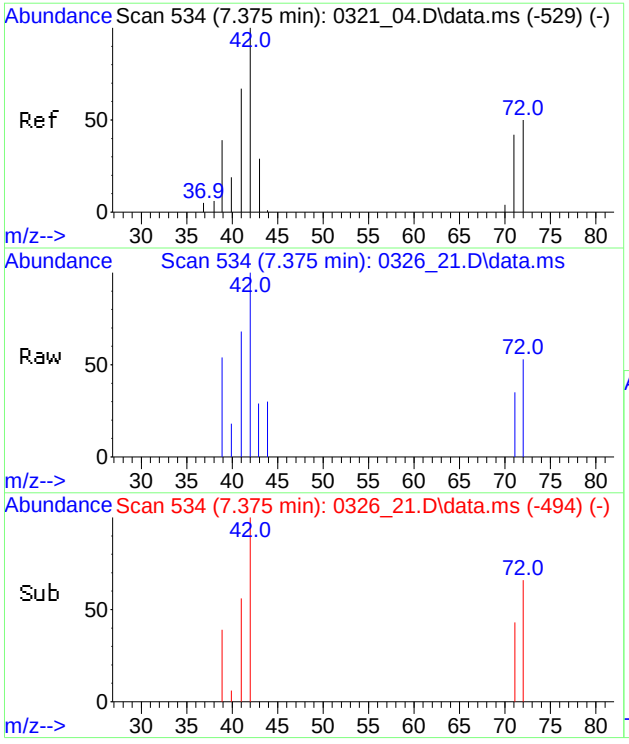


#29
Ethyl acetate
Conc: 8$ 0.488 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 61 Resp: 2294

Ion	Ratio	Lower	Upper
61	100		
70	55.5	62.8	94.2#
88	20.0	14.7	22.1

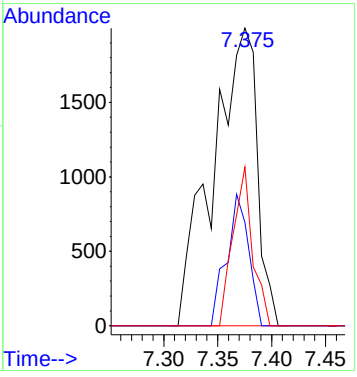


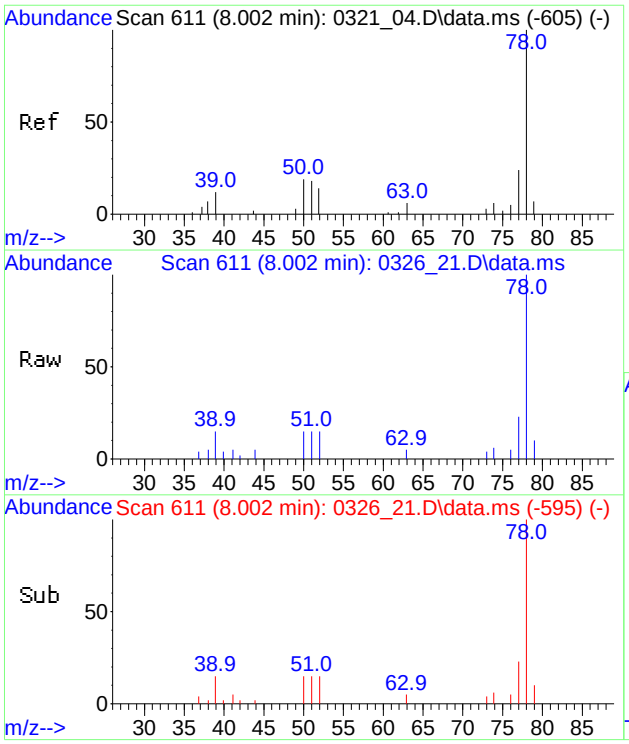


#30
Tetrahydrofuran
Conc: 8$ 0.397 ppbv
RT: 7.375 min Scan# 534
Delta R.T. 0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 42 Resp: 5709

Ion	Ratio	Lower	Upper
42	100		
71	22.0	29.4	44.0#
72	23.8	30.2	45.4#

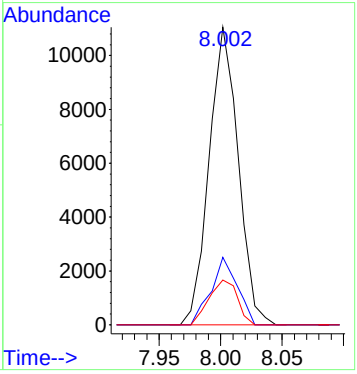


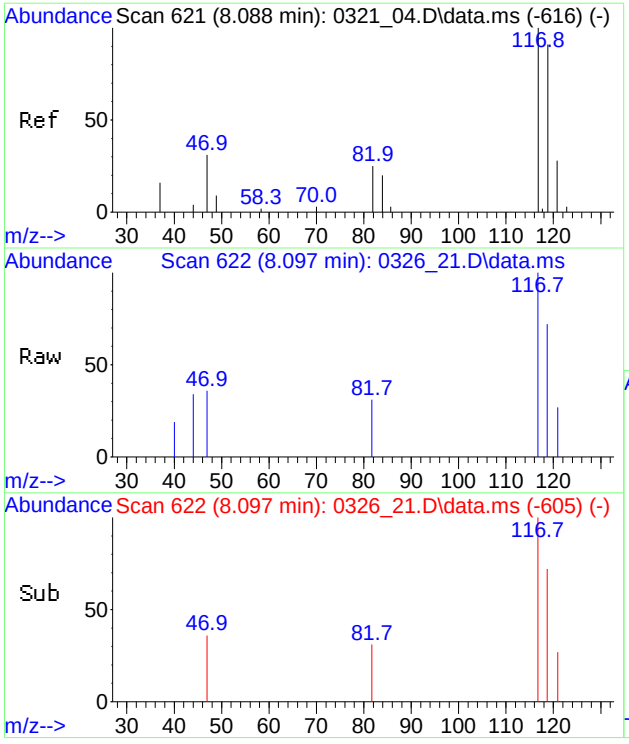


#33
Benzene
Conc: 8$ 0.416 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 78 Resp: 18202

Ion	Ratio	Lower	Upper
78	100		
77	20.6	17.4	26.0
51	14.7	15.8	23.6#

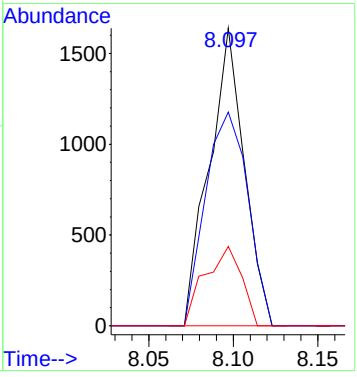


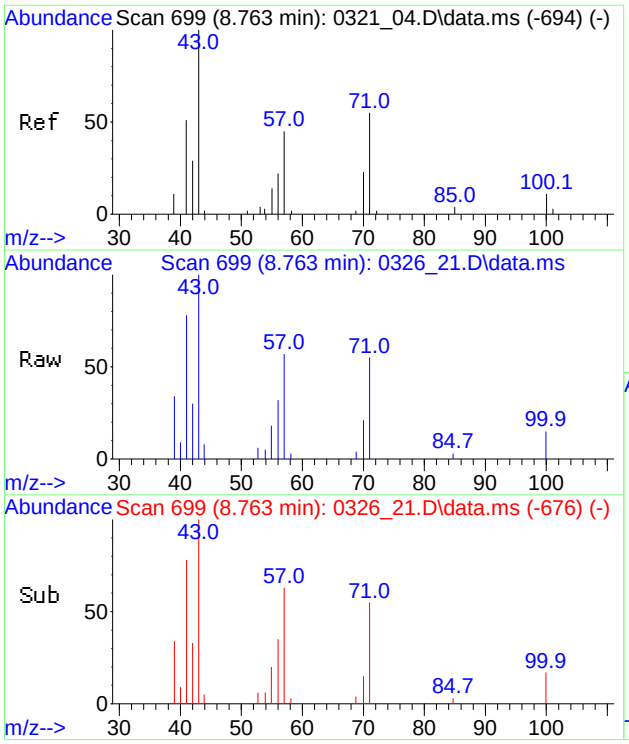


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:117 Resp: 2369

Ion	Ratio	Lower	Upper
117	100		
119	86.6	74.9	114.9
121	27.9	11.2	51.2

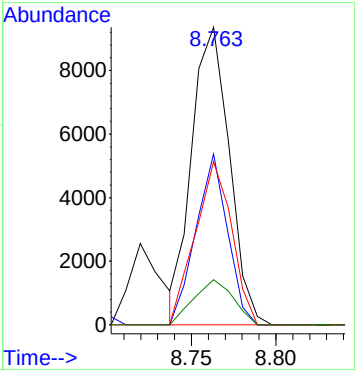


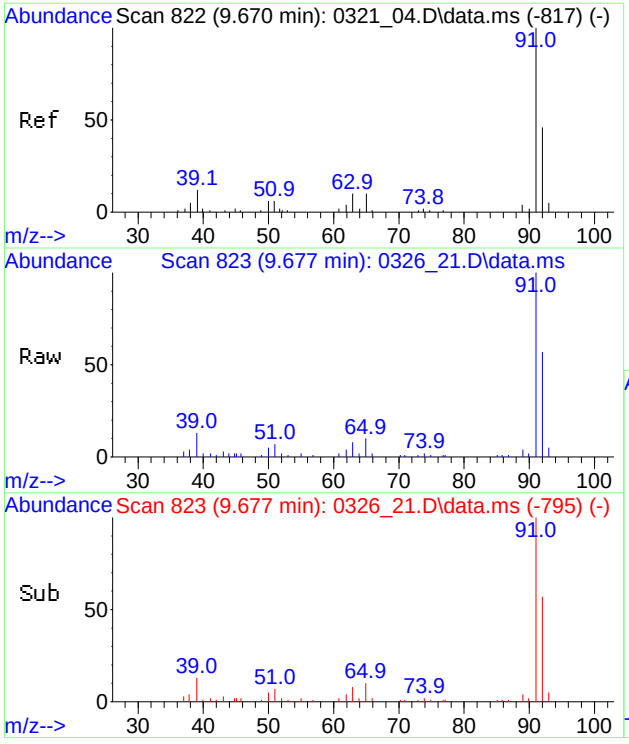


#43
Heptane
Conc: 8$ 0.490 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 43 Resp: 14479

Ion	Ratio	Lower	Upper
43	100		
57	48.3	39.4	59.0
71	53.1	44.5	66.7
100	15.9	8.2	12.2#

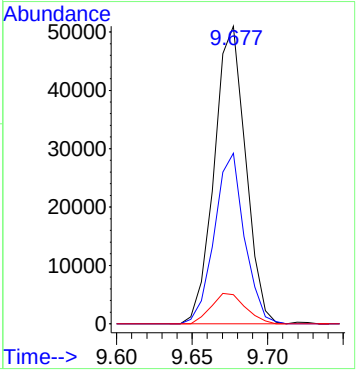


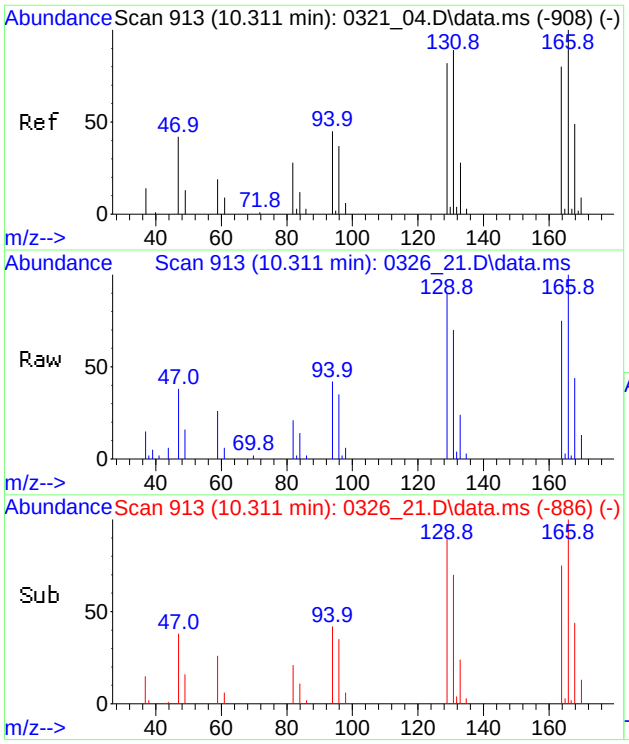


#48
Toluene
Conc: 8$ 1.103 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 91 Resp: 73602

Ion	Ratio	Lower	Upper
91	100		
92	55.0	43.8	65.8
65	11.2	10.6	16.0

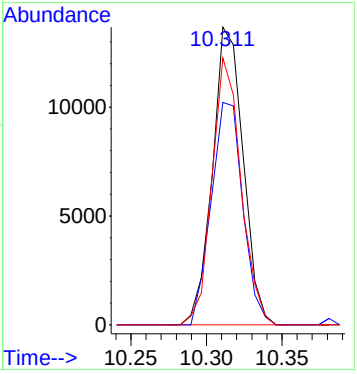


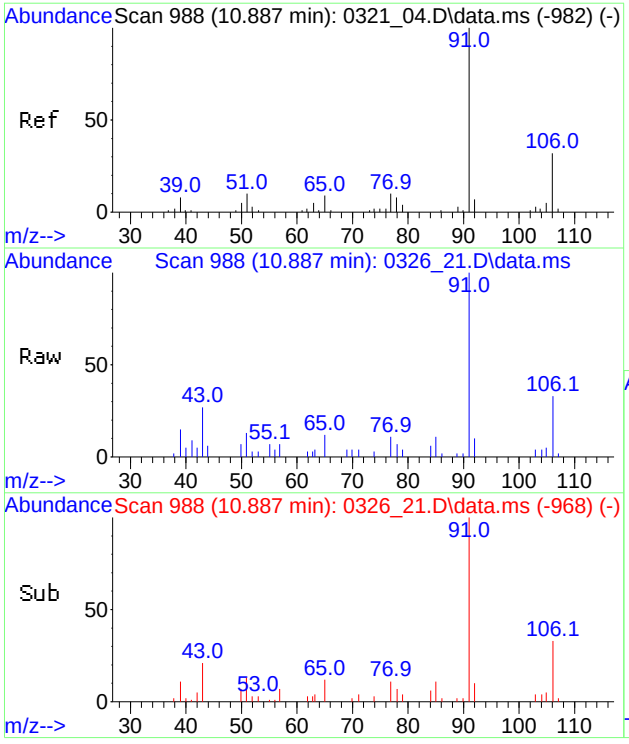


#52
Tetrachloroethene
Conc: 8$ 0.486 ppbv
RT: 10.311 min Scan# 913
Delta R.T. -0.007 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:166 Resp: 19359

Ion	Ratio	Lower	Upper
166	100		
164	76.8	63.4	95.2
129	84.8	68.4	102.6

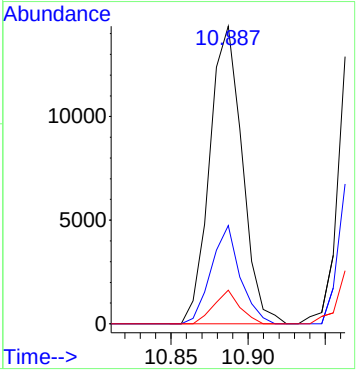


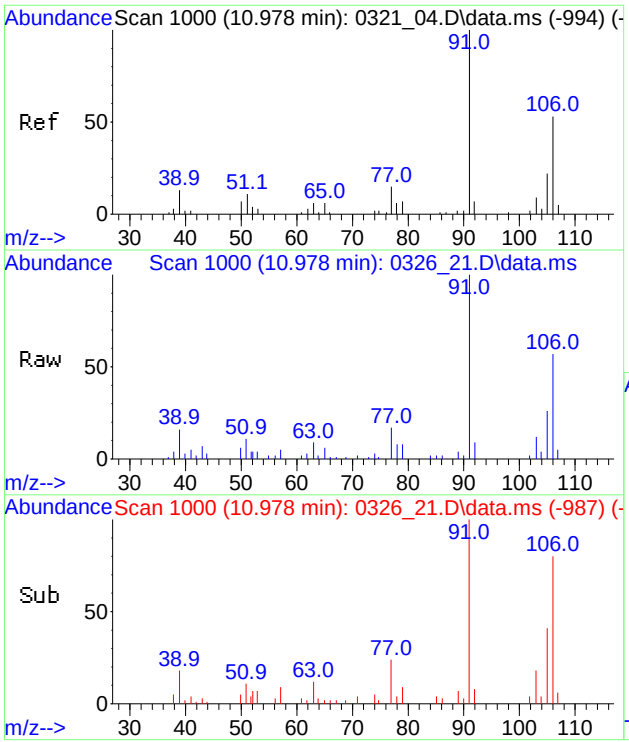


#56
Ethylbenzene
Conc: 8$ 0.267 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 91 Resp: 21019

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.0	64.0
77	9.0	0.0	33.4

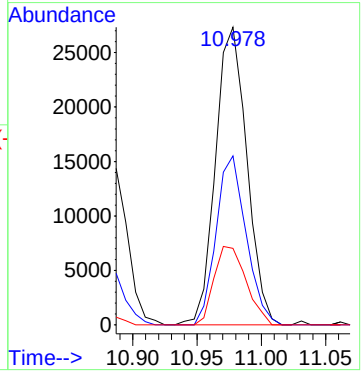


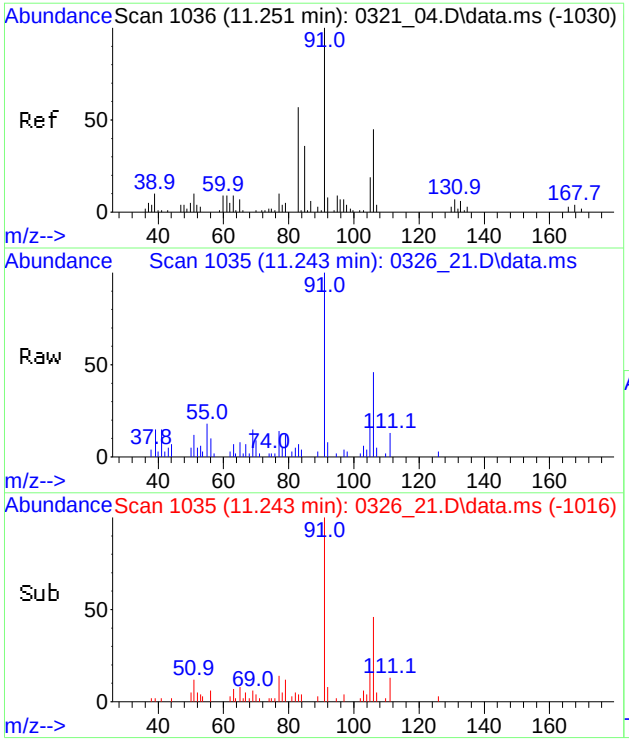


#57
m,p-Xylene
Conc: 8$ 0.760 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 91 Resp: 46503

Ion	Ratio	Lower	Upper
91	100		
106	54.3	0.0	0.0#
105	26.9	0.0	0.0#

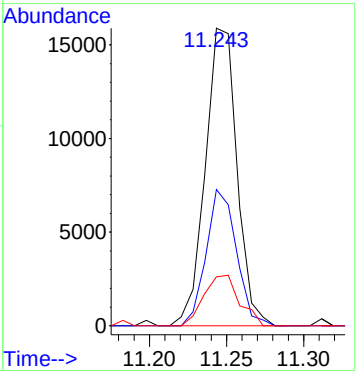


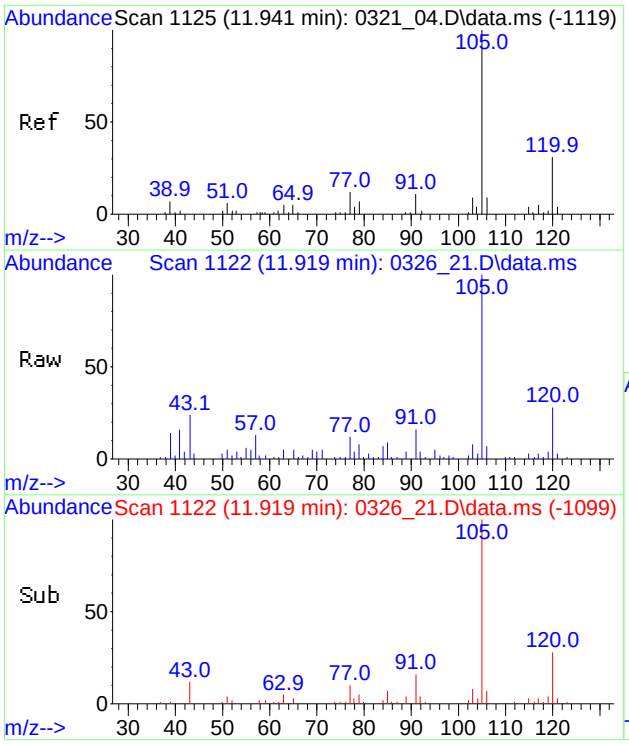


#61
o-Xylene
Conc: 8$ 0.337 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 91 Resp: 22663

Ion	Ratio	Lower	Upper
91	100		
106	43.7	31.7	47.5
105	19.0	13.4	20.0

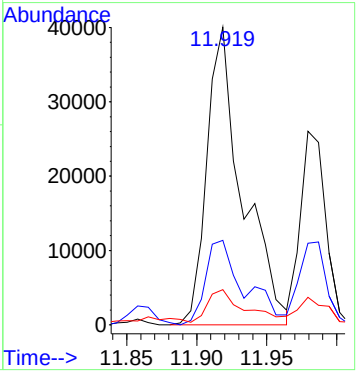


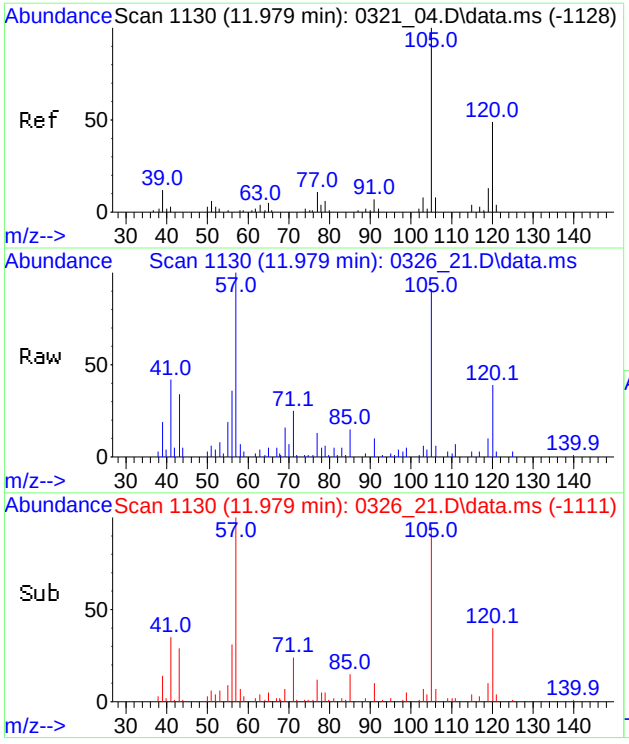


#65
4-Ethyltoluene
Conc: 8$ 0.752 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:105 Resp: 70928

Ion	Ratio	Lower	Upper
105	100		
120	30.6	30.2	45.4
77	10.8	10.5	15.7

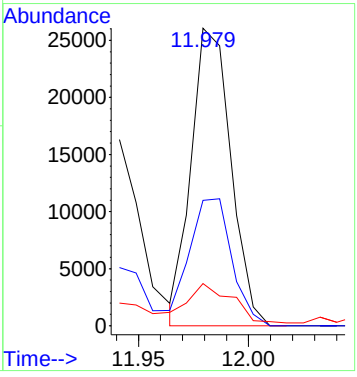


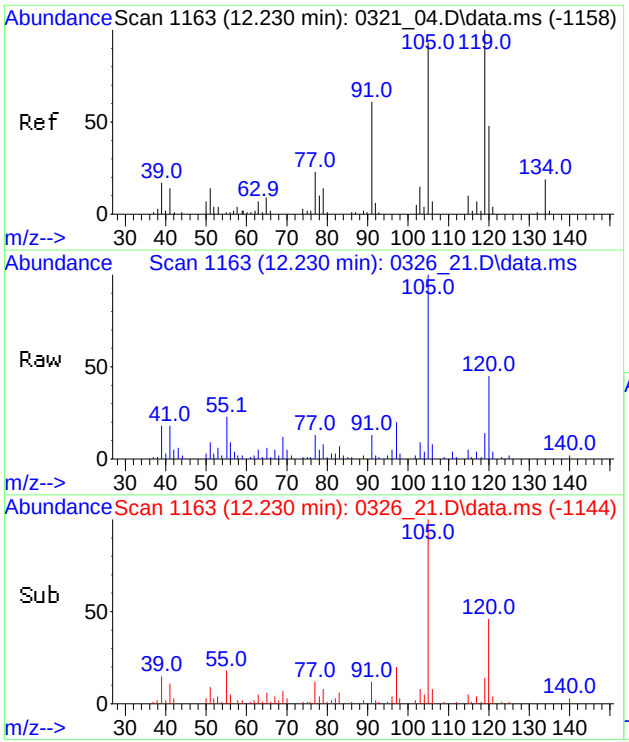


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.428 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:105 Resp: 32634

Ion	Ratio	Lower	Upper
105	100		
120	47.3	0.0	0.0#
77	15.3	0.2	0.2#

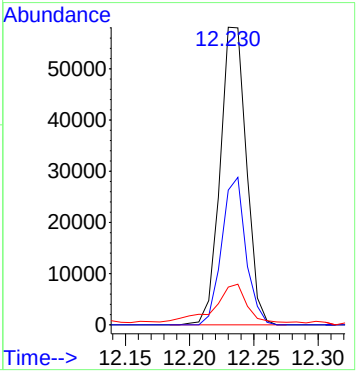


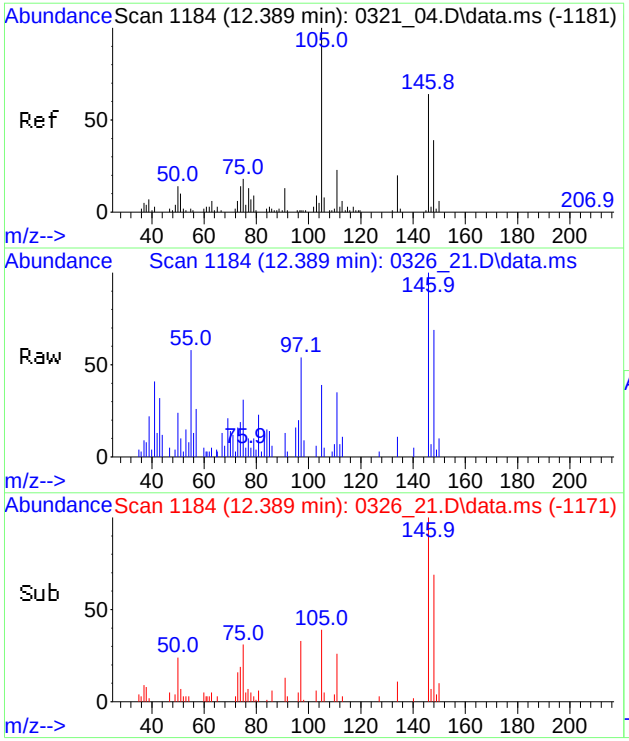


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.911 ppbv
RT: 12.230 min Scan# 1163
Delta R.T. -0.007 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:105 Resp: 82916

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.4	59.2
77	16.8	23.9	35.9#

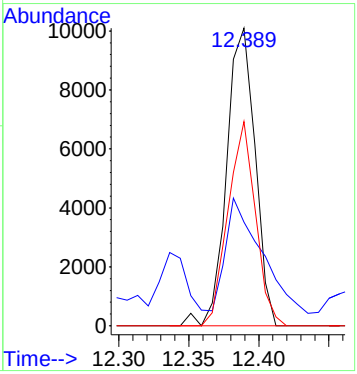


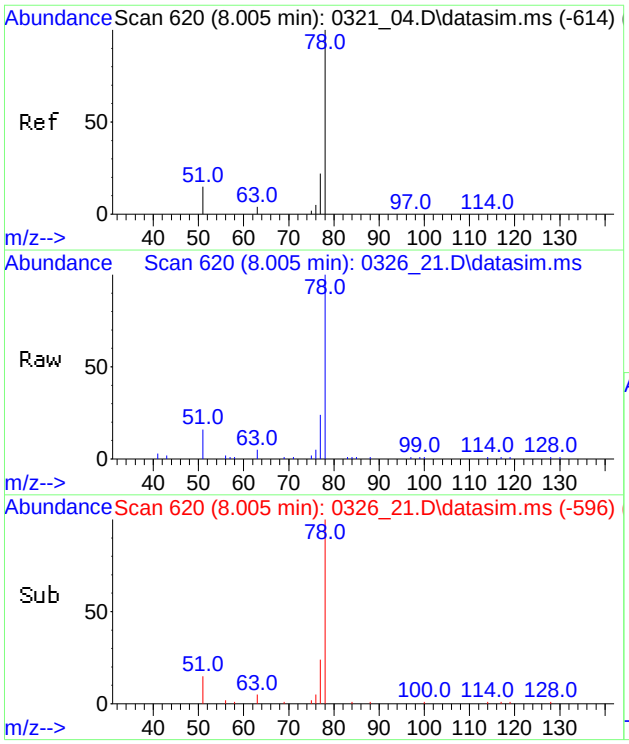


#70
1,4-Dichlorobenzene
Conc: 8$ 0.220 ppbv
RT: 12.389 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:146 Resp: 14278

Ion	Ratio	Lower	Upper
146	100		
111	48.1	0.0	0.0#
148	66.2	0.0	0.0#

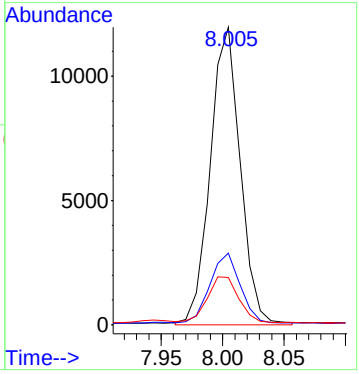


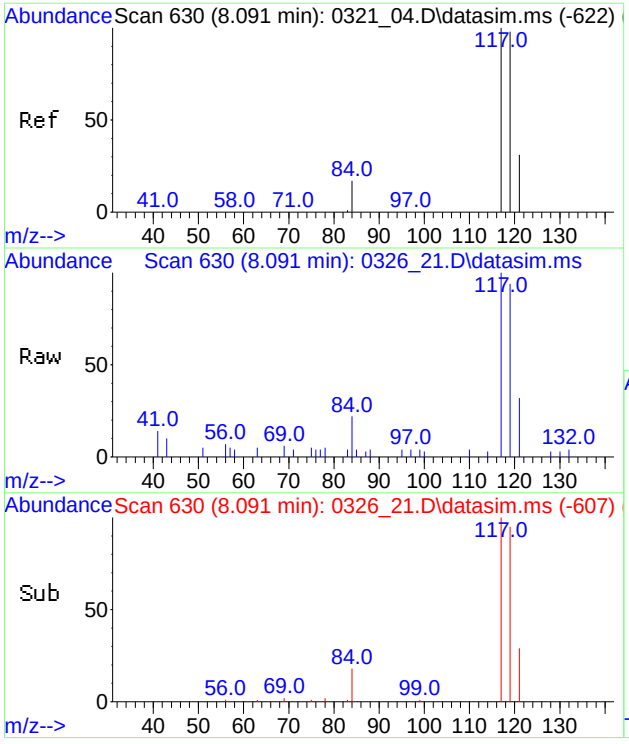


#85
Benzene(sim)
Conc: 8$ 0.359 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 78 Resp: 18202

Ion	Ratio	Lower	Upper
78	100		
77	20.6	17.4	26.0
51	14.7	15.8	23.6#

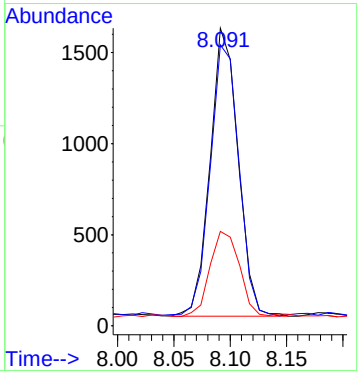


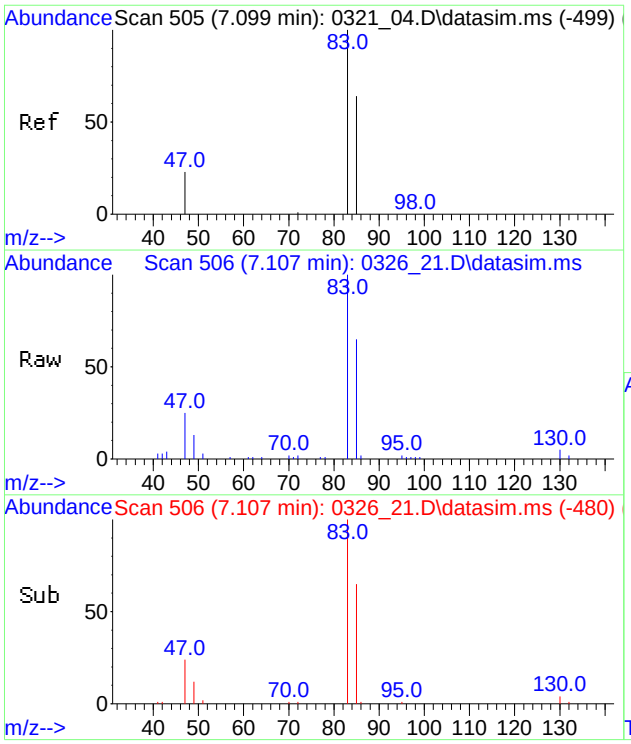


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.067 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:117 Resp: 2737

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
121	31.0	24.2	36.4

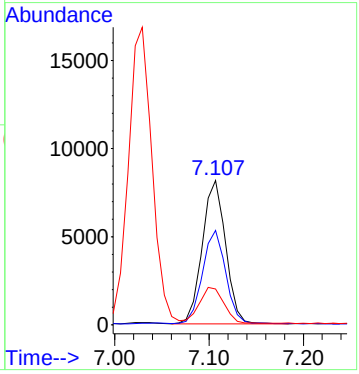


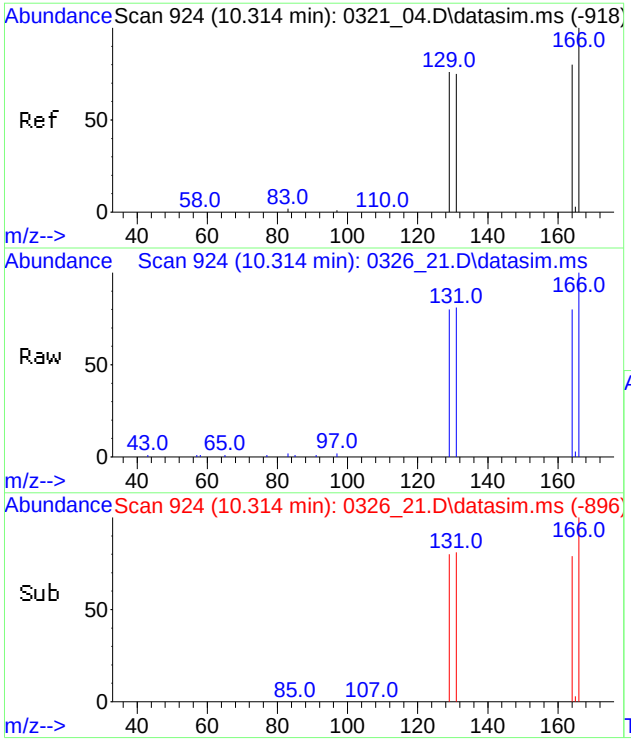


#92
Chloroform(sim)
Conc: 8$ 0.347 ppbv
RT: 7.107 min Scan# 506
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 83 Resp: 13917

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.2
47	26.7	24.2	36.4

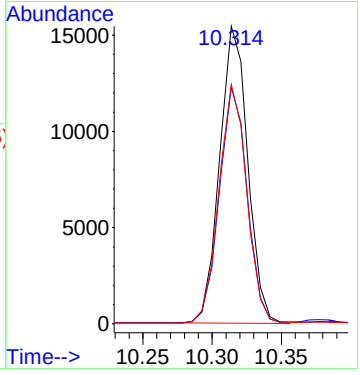


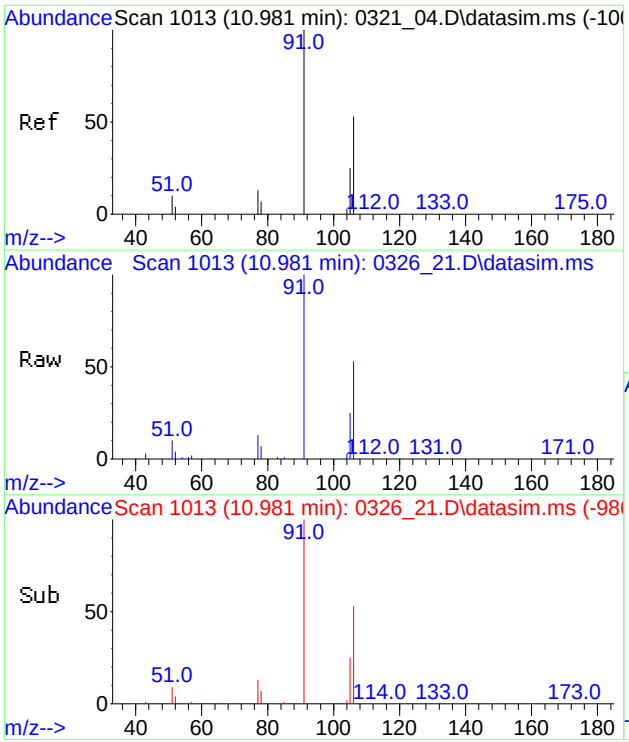


#102
Tetrachloroethene(sim)
Conc: 8$ 0.542 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:166 Resp: 21826

Ion	Ratio	Lower	Upper
166	100		
164	78.8	54.6	94.6
129	79.0	52.2	92.2

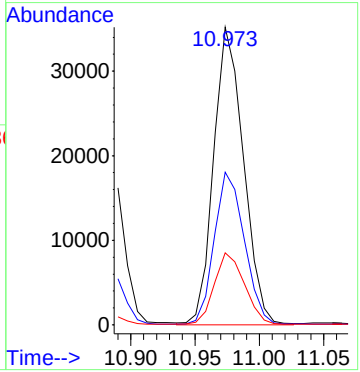


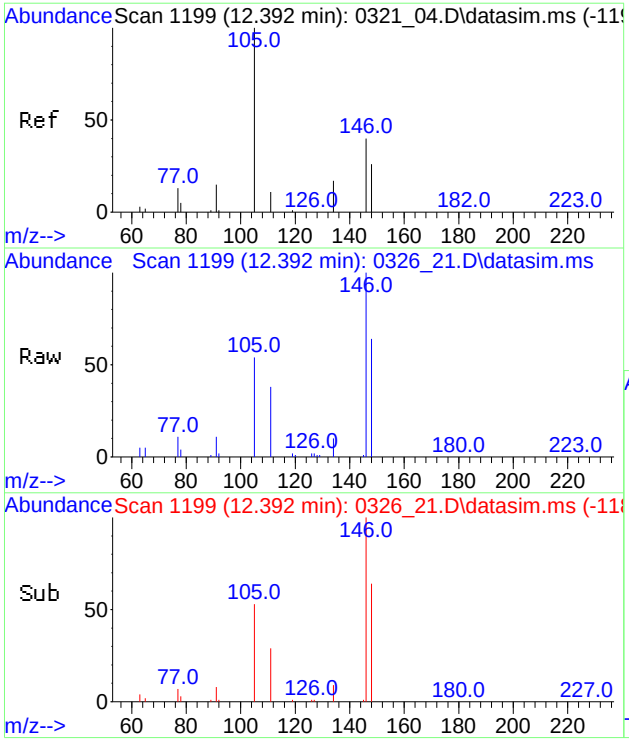


#105
m,p-Xylene(sim)
Conc: 8$ 0.709 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion: 91 Resp: 46503

Ion	Ratio	Lower	Upper
91	100		
106	54.3	39.6	48.4#
105	26.9	16.6	24.8#

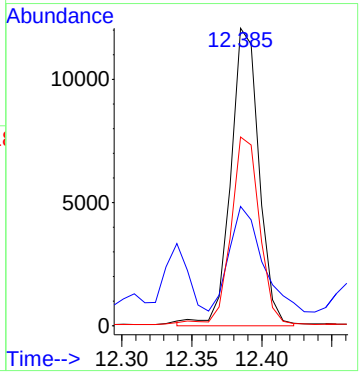




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.219 ppbv
RT: 12.389 min Scan# 1199
Delta R.T. 0.000 min
Lab File: 0326_21.D
Acq: 27 Mar 2025 12:36 am

Tgt Ion:146 Resp: 14278

Ion	Ratio	Lower	Upper
146	100		
111	48.1	32.3	72.3
148	65.2	43.4	83.4



AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-14B

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91408

Canister: 28617 Lab File ID: 0326_15.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.491		0.202	0.202	r
74-87-3	Chloromethane	0.725		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	444	ES	0.531	0.531	r
67-64-1	Acetone	16.8	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.224		0.178	0.178	r
67-63-0	Isopropylalcohol	32.0	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	7.71		0.339	0.339	r
110-54-3	Hexane	0.461	S	0.284	0.284	r
67-66-3	Chloroform	0.580		0.205	0.205	r
141-78-6	Ethyl acetate	0.757		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.427		0.339	0.339	r
71-43-2	Benzene	0.370		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.285		0.215	0.215	r
142-82-5	Heptane	0.636		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	1.30		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.591		0.037	0.037	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
100-41-4	Ethylbenzene	0.385		0.230	0.230	r
179601-23-1	m,p-Xylene	1.26		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.495		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.252		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.286		0.204	0.204	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

IA25-14B

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91408

Canister: 28617 Lab File ID: 0326_15.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
95-63-6	1,2,4-Trimethylbenzene	0.744		0.204	0.204	r
106-46-7	1,4-Dichlorobenzene	0.268		0.166	0.166	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
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
56-23-5	Carbon Tetrachloride(sim)	0.070		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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
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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 10:07 pm
Operator : Keith
Client ID : IA25-14B
Lab ID : CS91408
ALS Vial : 14 Sample Multiplier: 1

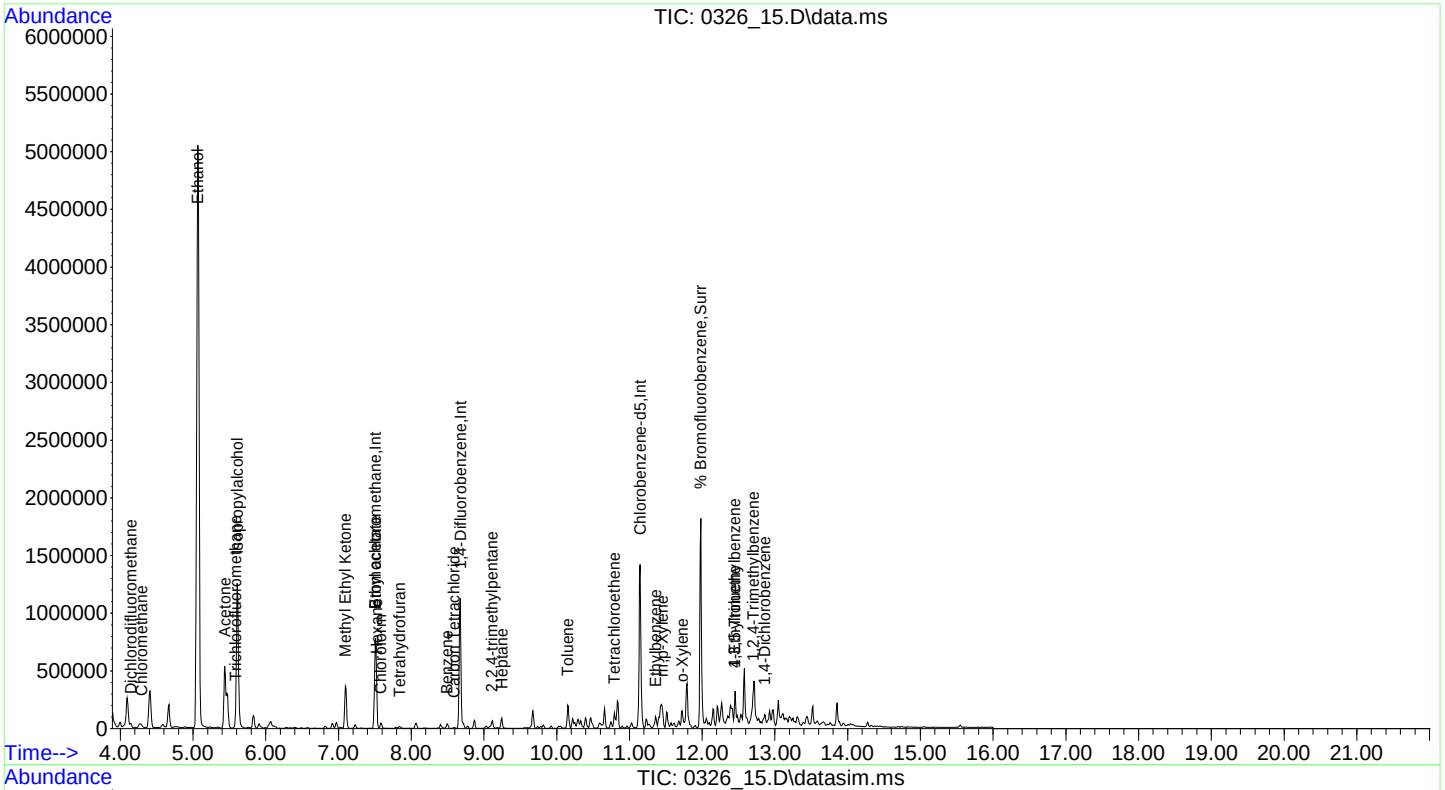
Quant Time: Mar 27 05:38:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

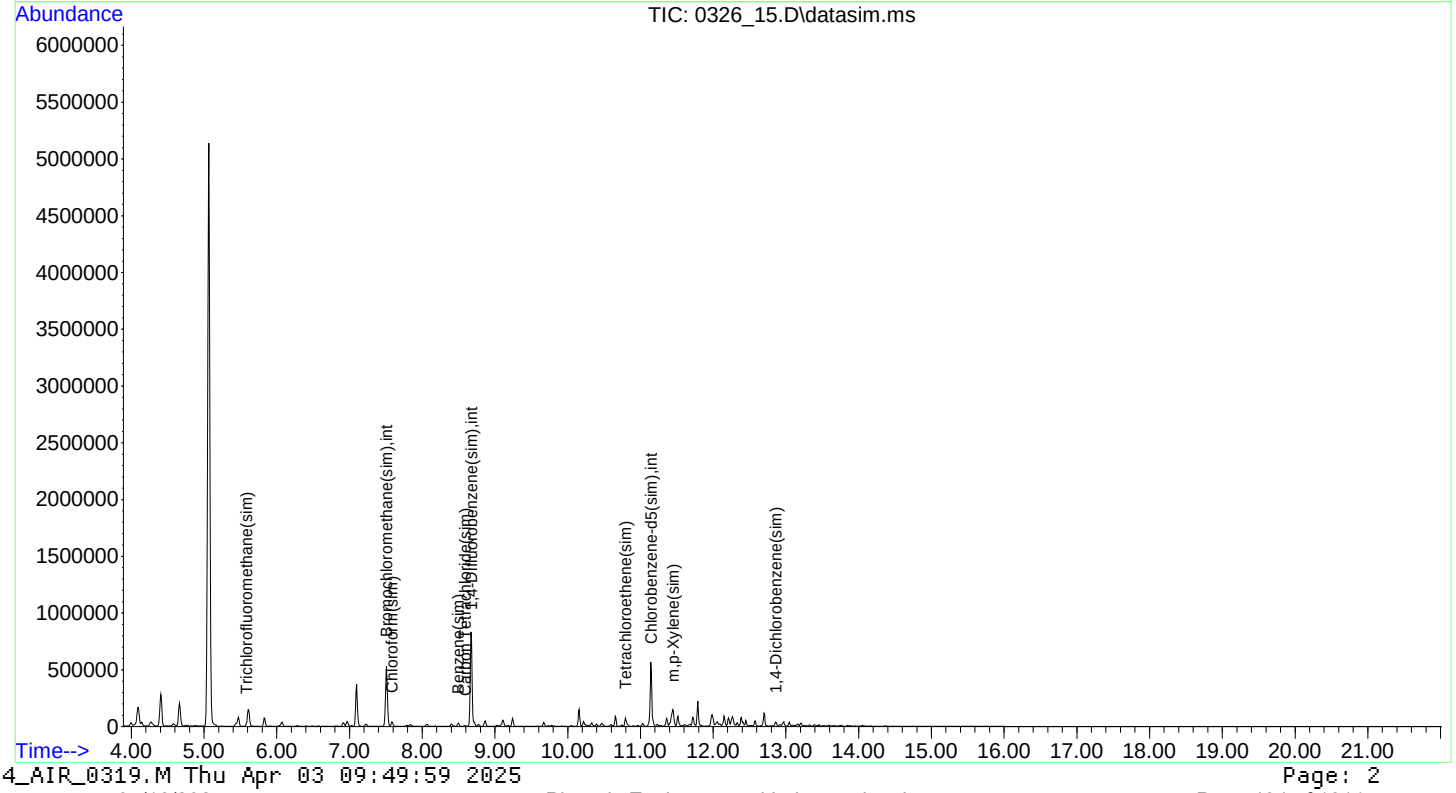
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	216812	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	759787	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	362462	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	221587	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	759787	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	362462	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	439167	10.119	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.20%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	34201	0.491	ppbv		95
4) Chloromethane	4.294	50	22730	0.725	ppbv		98
11) Ethanol	5.065	45	6118906	444.279	ppbv		93
12) Acetone	5.437	43	747070	16.758	ppbv		91
13) Trichlorofluoromethane	5.584	101	15949	0.224	ppbv		99
14) Isopropylalcohol	5.609	45	1760747	31.971	ppbv		97
25) Methyl Ethyl Ketone	7.094	43	451745	7.706	ppbv		99
27) Hexane	7.523	57	18877	0.461	ppbv#		81
28) Chloroform	7.580	83	30751	0.580	ppbv		99
29) Ethyl acetate	7.507	61	7164	0.757	ppbv#		98
30) Tetrahydrofuran	7.840	42	11999	0.427	ppbv		93
33) Benzene	8.493	78	26087	0.370	ppbv		96
34) Carbon Tetrachloride	8.588	117	4978	0.077	ppbv		94
40) 2,2,4-trimethylpentane	9.107	57	38500	0.284	ppbv#		58
43) Heptane	9.246	43	34602	0.636	ppbv		94
48) Toluene	10.152	91	111337	1.304	ppbv		98
52) Tetrachloroethene	10.792	166	34053	0.591	ppbv		93
56) Ethylbenzene	11.359	91	40234	0.385	ppbv		96
57) m,p-Xylene	11.450	91	99905	1.257	ppbv		99
61) o-Xylene	11.723	91	41496	0.495	ppbv		96
65) 4-Ethyltoluene	12.447	105	28583	0.252	ppbv#		73
66) 1,3,5-Trimethylbenzene	12.447	105	28583	0.286	ppbv#		90
67) 1,2,4-Trimethylbenzene	12.704	105	72791	0.743	ppbv		87
70) 1,4-Dichlorobenzene	12.859	146	15512	0.268	ppbv#		92
82] Trichlorofluoromethane...	5.581	101	16310	0.212	ppbv#		98
85] Benzene(sim)	8.493	78	26087	0.347	ppbv		96
86] Carbon Tetrachloride(sim)	8.591	117	4657	0.070	ppbv		99
92] Chloroform(sim)	7.583	83	32330	0.543	ppbv		100
102] Tetrachloroethene(sim)	10.795	166	35325	0.573	ppbv		93
105] m,p-Xylene(sim)	11.450	91	99905	1.220	ppbv		99
109] 1,4-Dichlorobenzene(sim)	12.859	146	15512	0.336	ppbv		92

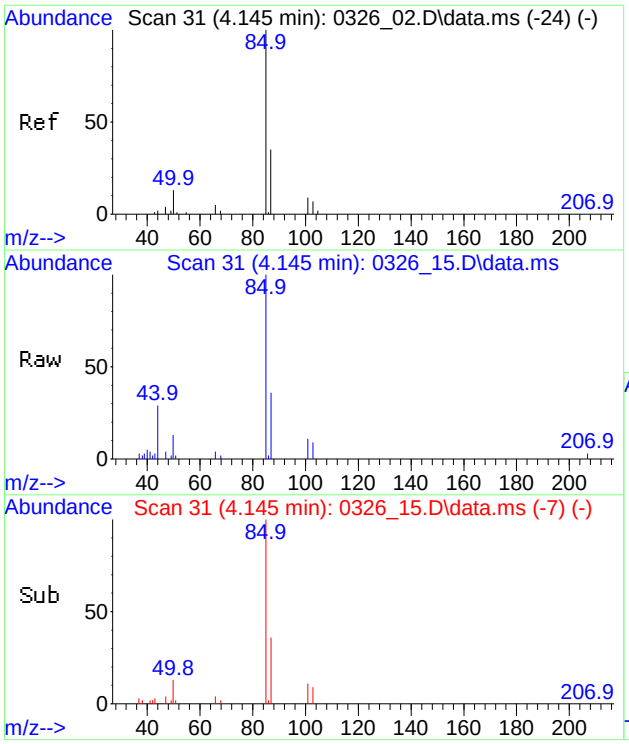
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 10:07 pm
Operator : Keith
Client ID : IA25-14B
Lab ID : CS91408
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 27 05:38:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



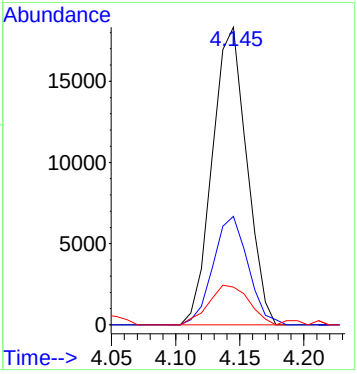


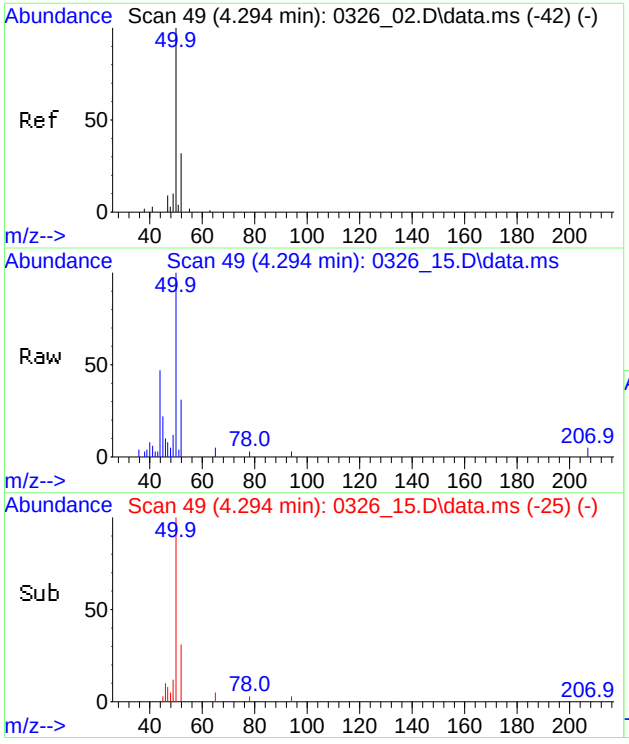


#3
Dichlorodifluoromethane
Conc: 8$ 0.491 ppbv
RT: 4.145 min Scan# 31
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 85 Resp: 34201

Ion	Ratio	Lower	Upper
85	100		
87	37.0	26.9	40.3
50	15.6	12.0	18.0

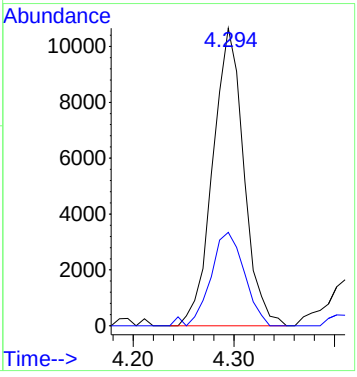


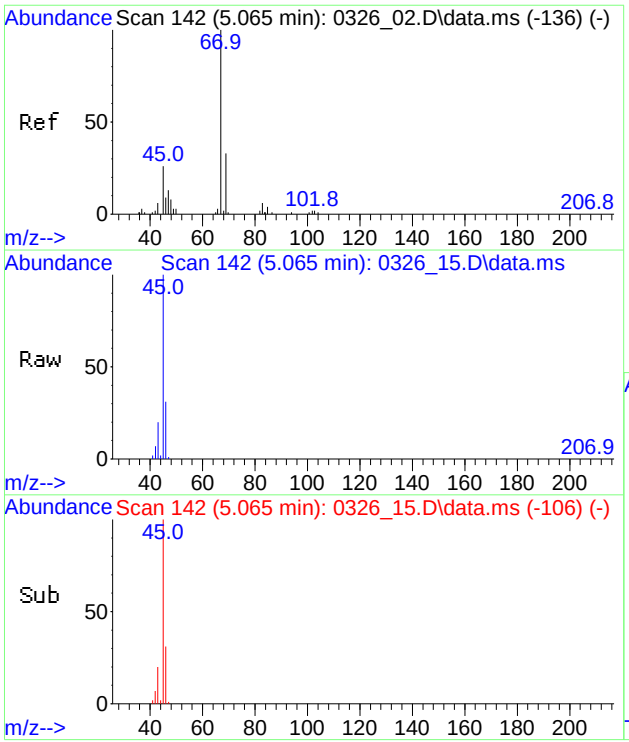


#4
Chloromethane
Conc: 8$ 0.725 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 50 Resp: 22730

Ion	Ratio	Lower	Upper
50	100		
52	34.2	12.8	52.8

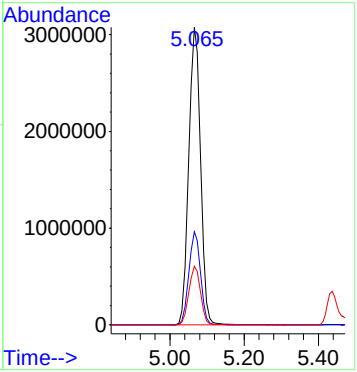


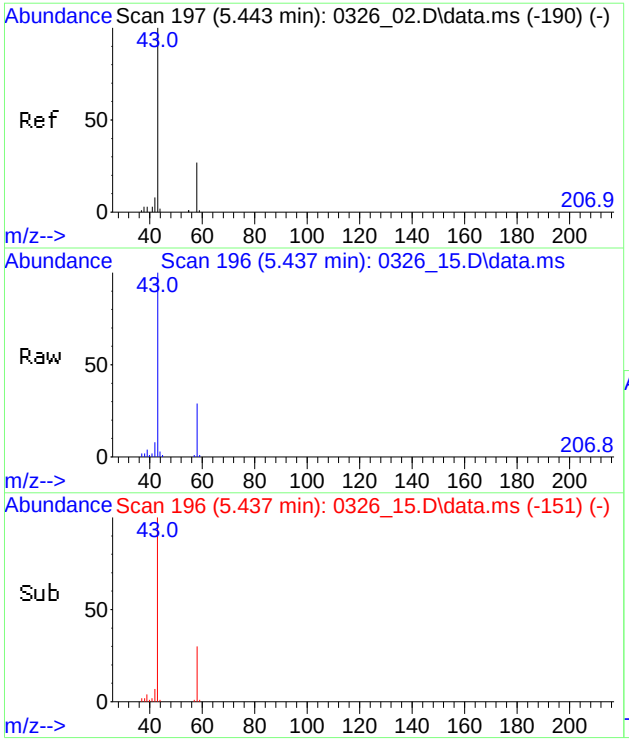


#11
Ethanol
Conc: 8$ 444.279 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 45 Resp: 6118906

Ion	Ratio	Lower	Upper
45	100		
46	34.0	25.0	37.6
43	20.5	20.0	30.0

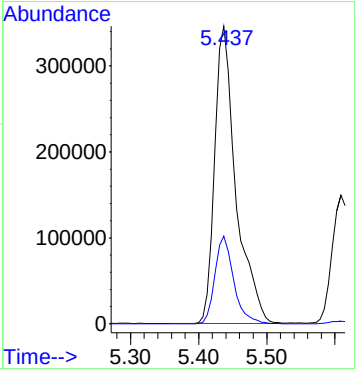


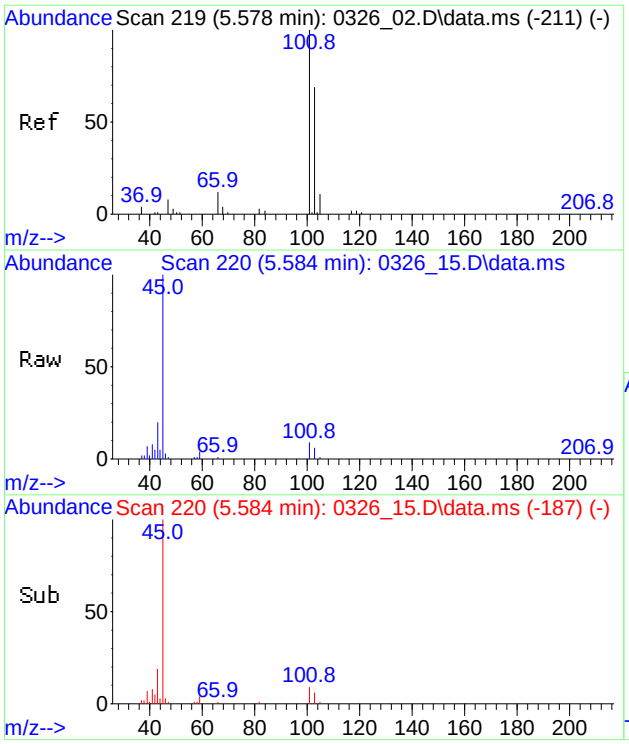


#12
Acetone
Conc: 8$ 16.758 ppbv
RT: 5.437 min Scan# 196
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 43 Resp: 747070

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.6	37.0

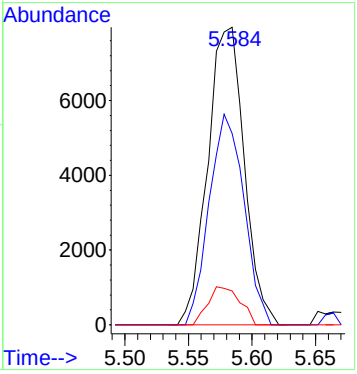


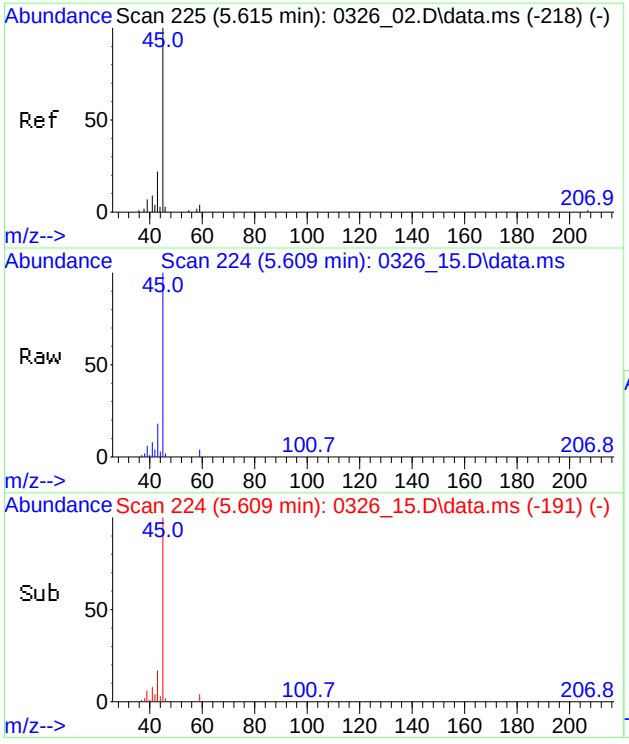


#13
Trichlorofluoromethane
Conc: 8$ 0.224 ppbv
RT: 5.584 min Scan# 220
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:101 Resp: 15949

Ion	Ratio	Lower	Upper
101	100		
103	67.2	53.4	80.2
66	11.2	9.3	13.9

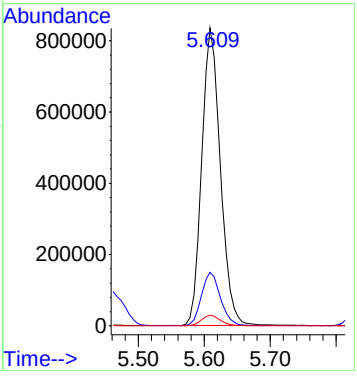


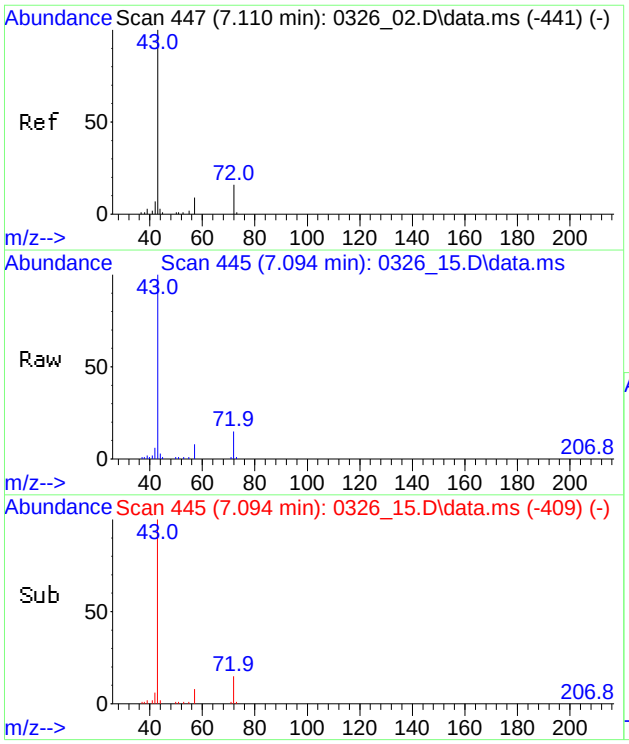


#14
Isopropylalcohol
Conc: 8$ 31.971 ppbv
RT: 5.609 min Scan# 224
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 45 Resp: 1760747

Ion	Ratio	Lower	Upper
45	100		
43	18.2	13.3	19.9
59	3.4	2.6	4.0

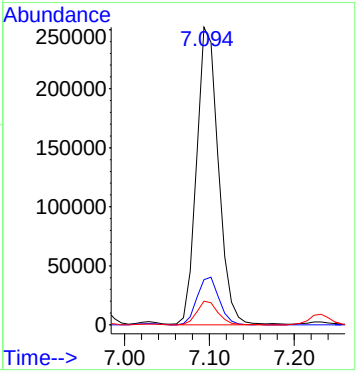


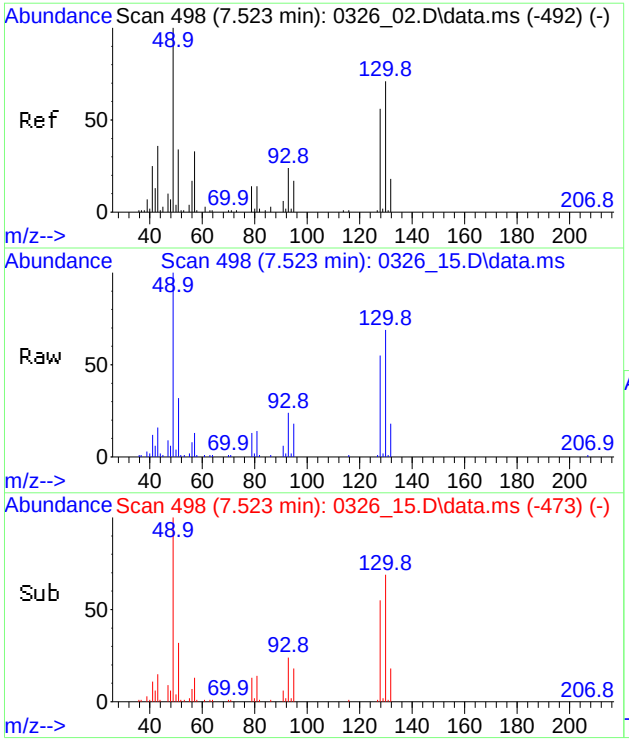


#25
Methyl Ethyl Ketone
Conc: 8$ 7.706 ppbv
RT: 7.094 min Scan# 445
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 43 Resp: 451745

Ion	Ratio	Lower	Upper
43	100		
72	16.2	13.1	19.7
57	7.7	6.6	9.8

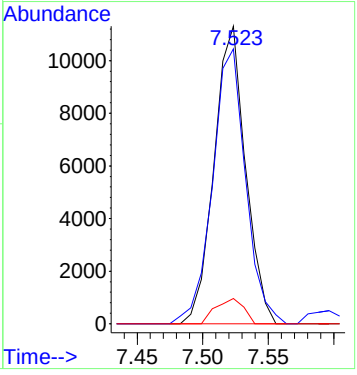


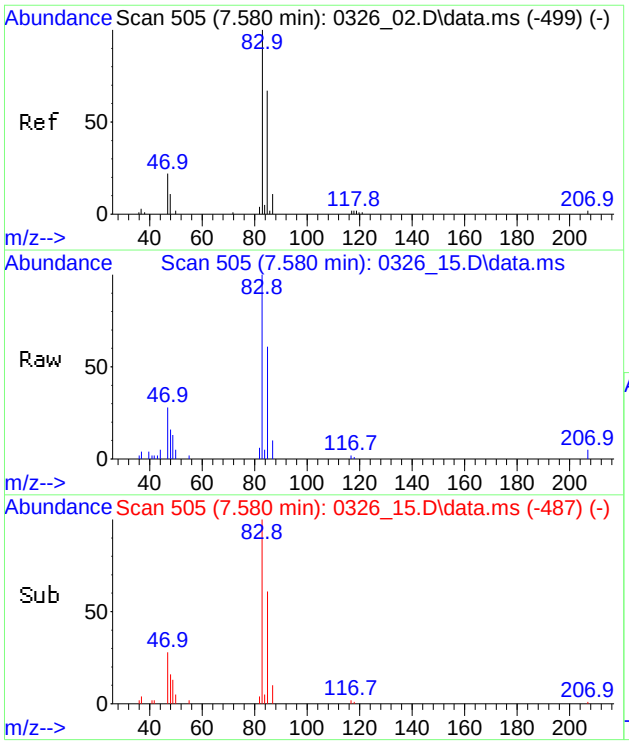


#27
Hexane
Conc: 8$ 0.461 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 57 Resp: 18877

Ion	Ratio	Lower	Upper
57	100		
41	97.3	63.4	95.2#
86	7.6	5.8	8.6

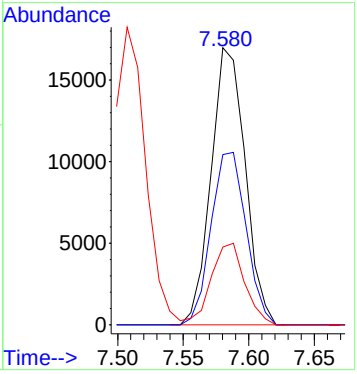


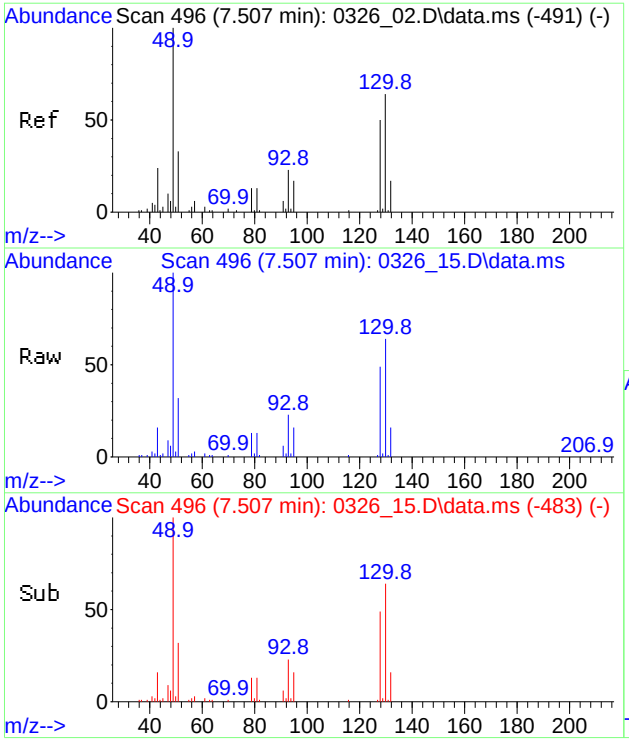


#28
Chloroform
Conc: 8$ 0.580 ppbv
RT: 7.580 min Scan# 505
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 83 Resp: 30751

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.4	84.4
47	29.1	7.4	47.4

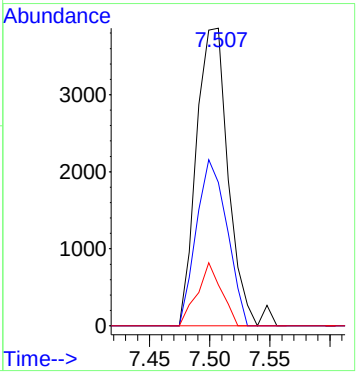


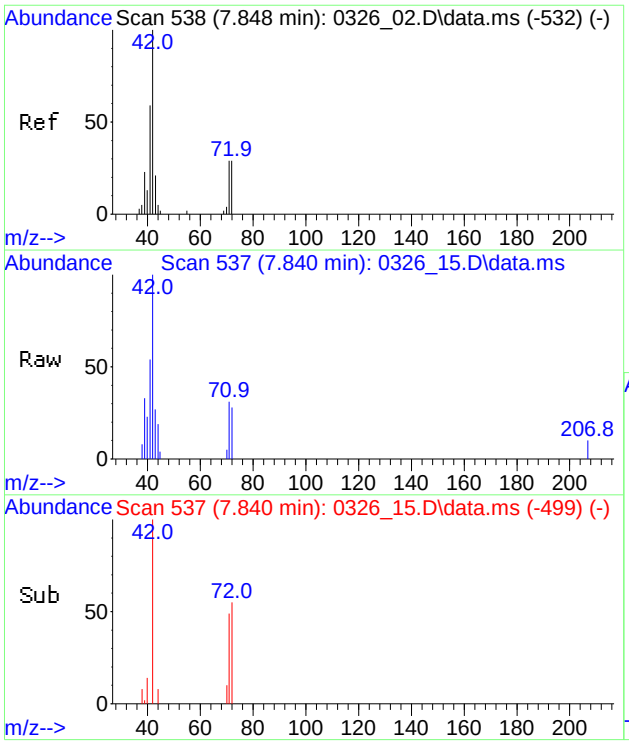


#29
Ethyl acetate
Conc: 8$ 0.757 ppbv
RT: 7.507 min Scan# 496
Delta R.T. 0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 61 Resp: 7164

Ion	Ratio	Lower	Upper
61	100		
70	53.3	42.9	64.3
88	15.9	10.0	15.0#

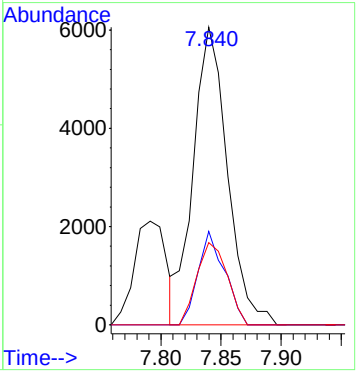


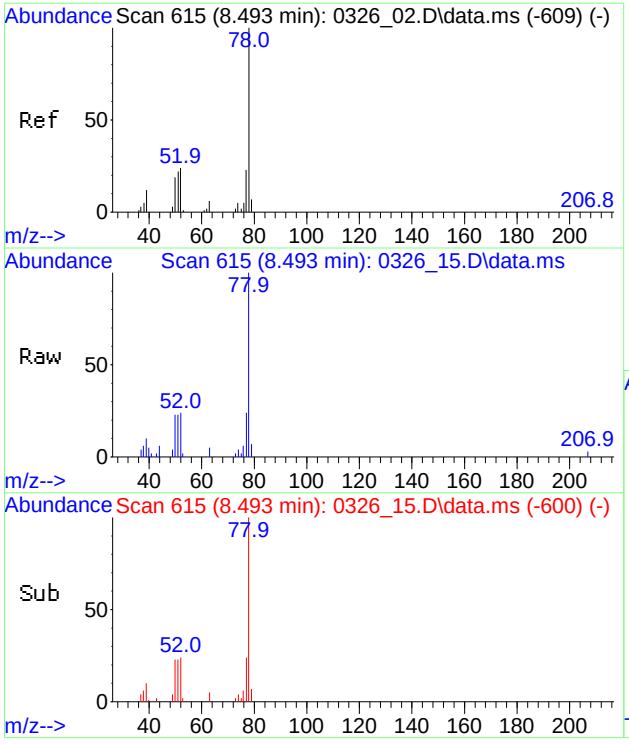


#30
Tetrahydrofuran
Conc: 8$ 0.427 ppbv
RT: 7.840 min Scan# 537
Delta R.T. 0.009 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 42 Resp: 11999

Ion	Ratio	Lower	Upper
42	100		
71	24.5	23.5	35.3
72	24.7	21.5	32.3

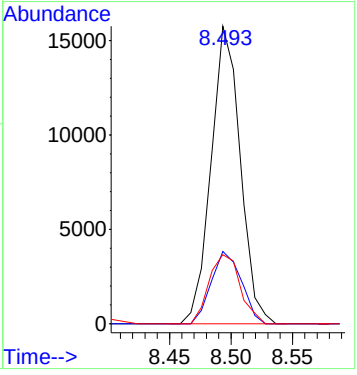


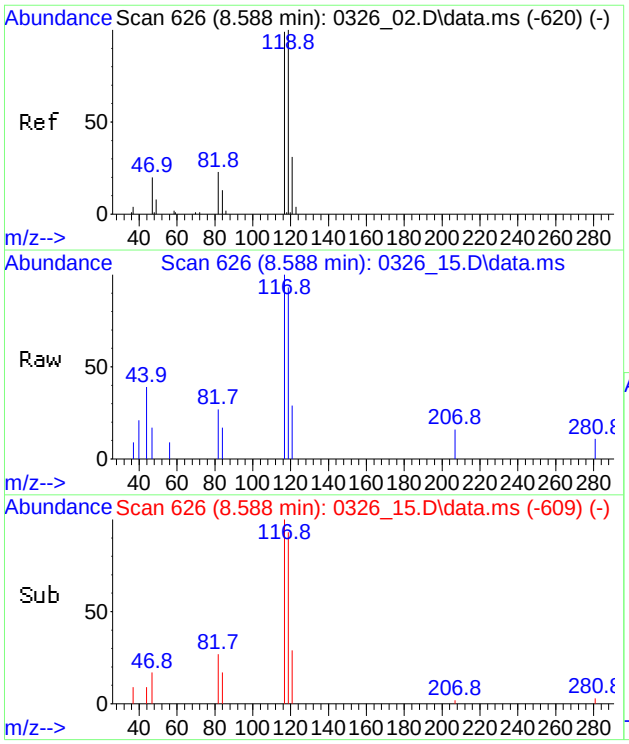


#33
Benzene
Conc: 8$ 0.370 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 78 Resp: 26087

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2
51	24.9	18.1	27.1

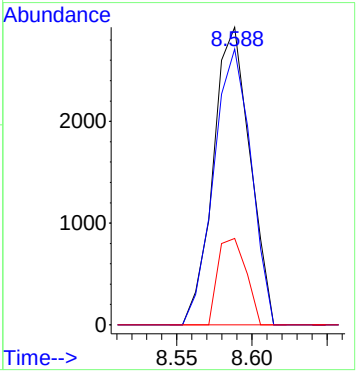


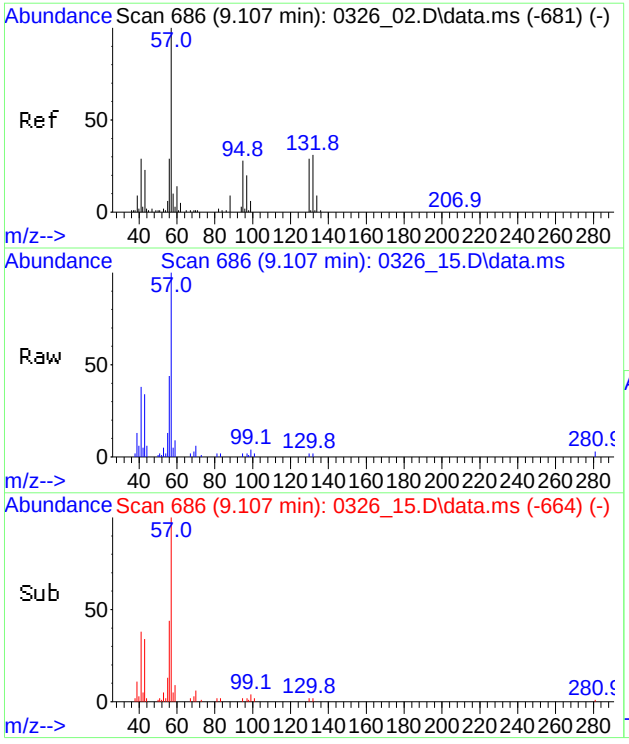


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:117 Resp: 4978

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.5	116.5
121	22.4	11.2	51.2

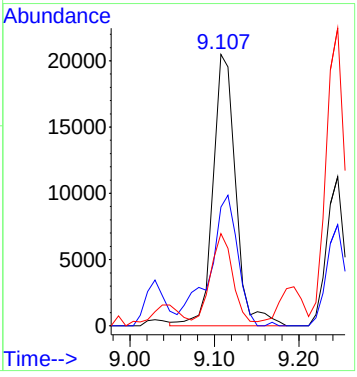


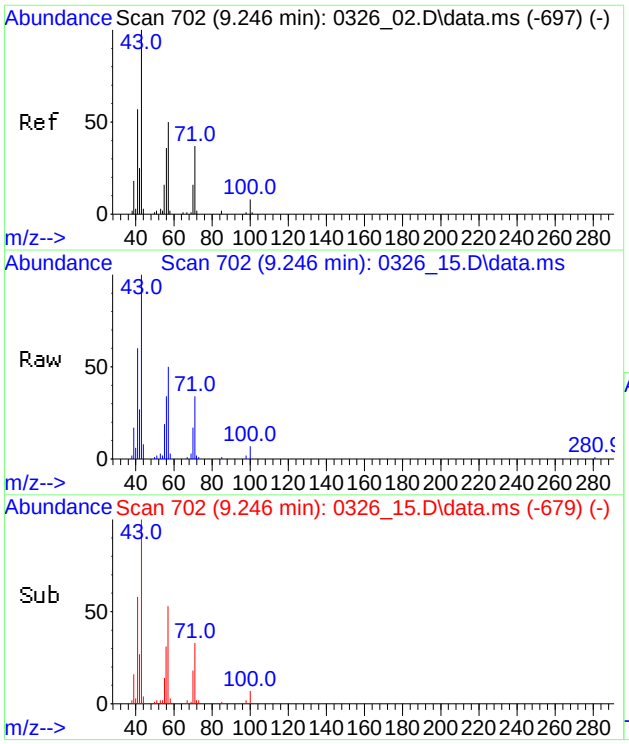


#40
2,2,4-trimethylpentane
Conc: 8$ 0.284 ppbv
RT: 9.107 min Scan# 686
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 57 Resp: 38500

Ion	Ratio	Lower	Upper
57	100		
56	59.4	22.9	34.3#
43	31.1	17.0	25.4#

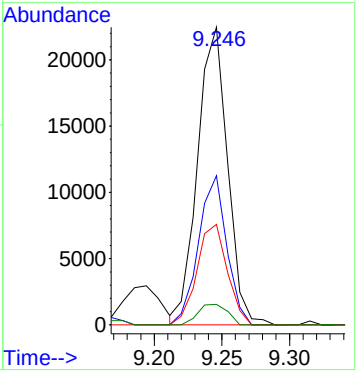


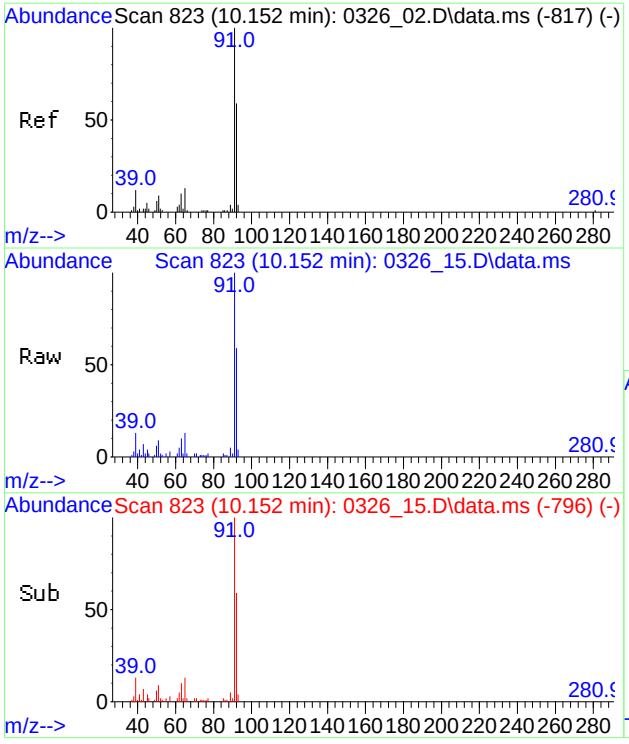


#43
Heptane
Conc: 8$ 0.636 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 43 Resp: 34602

Ion	Ratio	Lower	Upper
43	100		
57	47.1	42.4	63.6
71	34.1	29.4	44.0
100	6.8	6.5	9.7

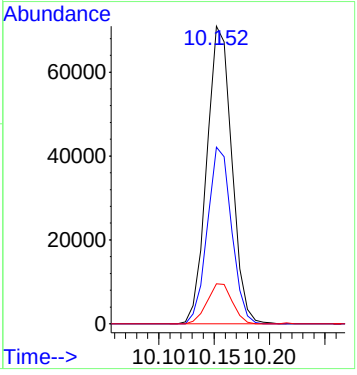


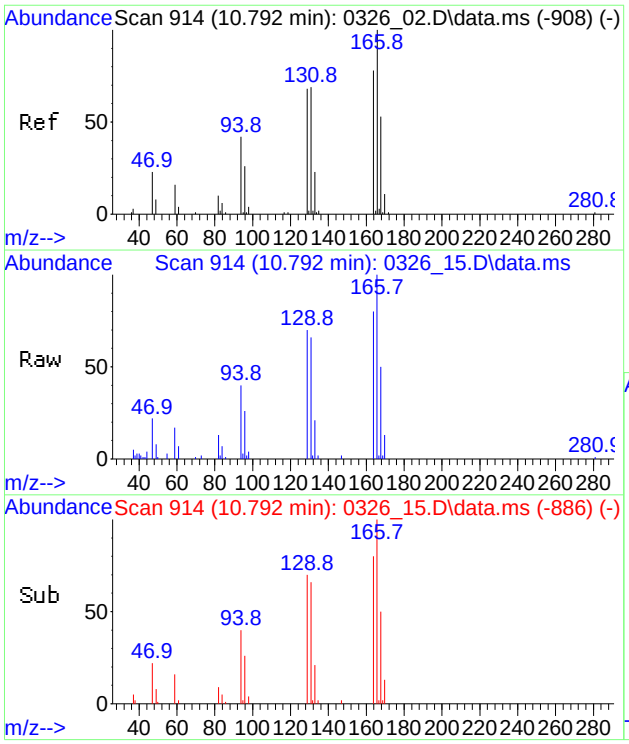


#48
Toluene
Conc: 8$ 1.304 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 91 Resp: 111337

Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.0	67.4
65	13.5	9.4	14.2

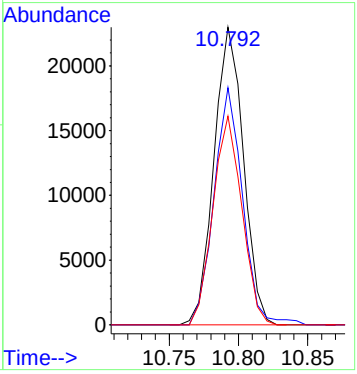


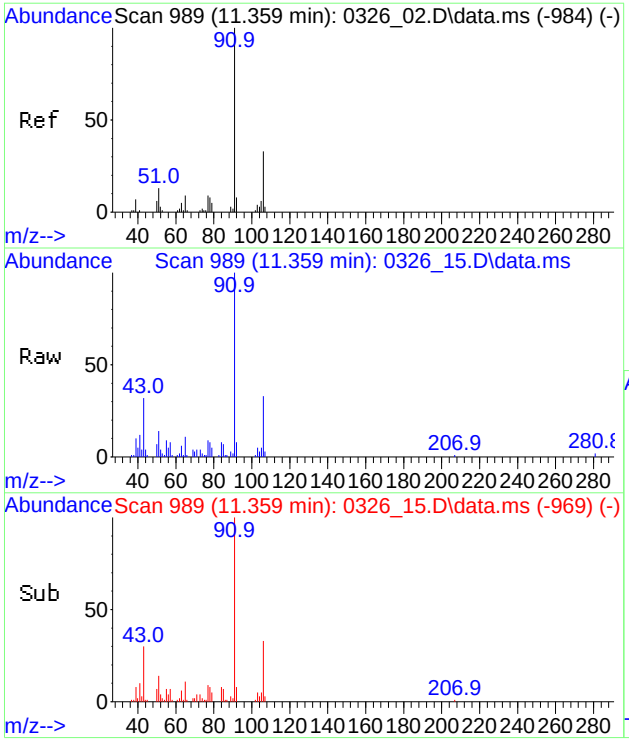


#52
Tetrachloroethene
Conc: 8$ 0.591 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:166 Resp: 34053

Ion	Ratio	Lower	Upper
166	100		
164	77.2	64.7	97.1
129	68.9	62.2	93.2

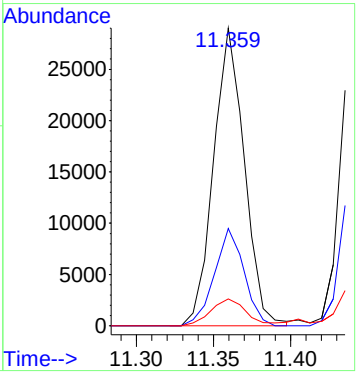


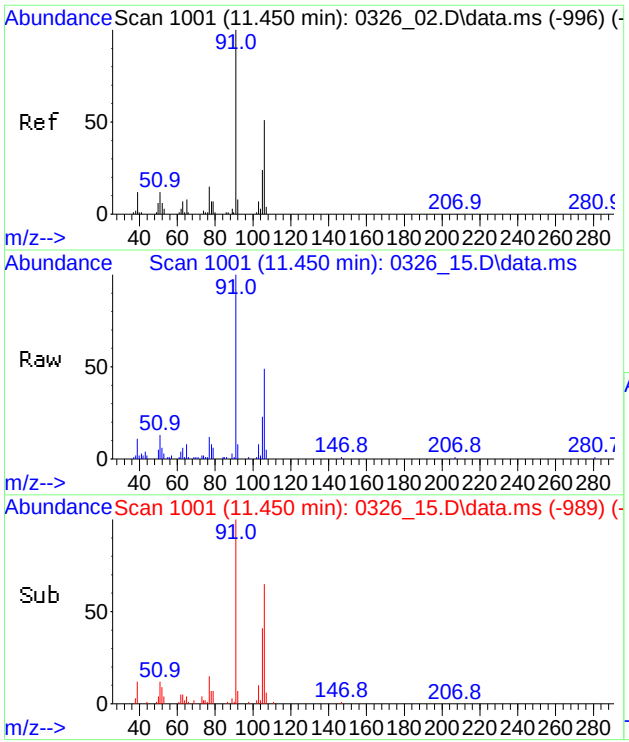


#56
Ethylbenzene
Conc: 8$ 0.385 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 91 Resp: 40234

Ion	Ratio	Lower	Upper
91	100		
106	31.5	13.5	53.5
77	10.5	0.0	28.3

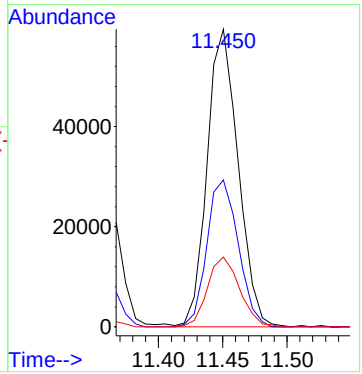


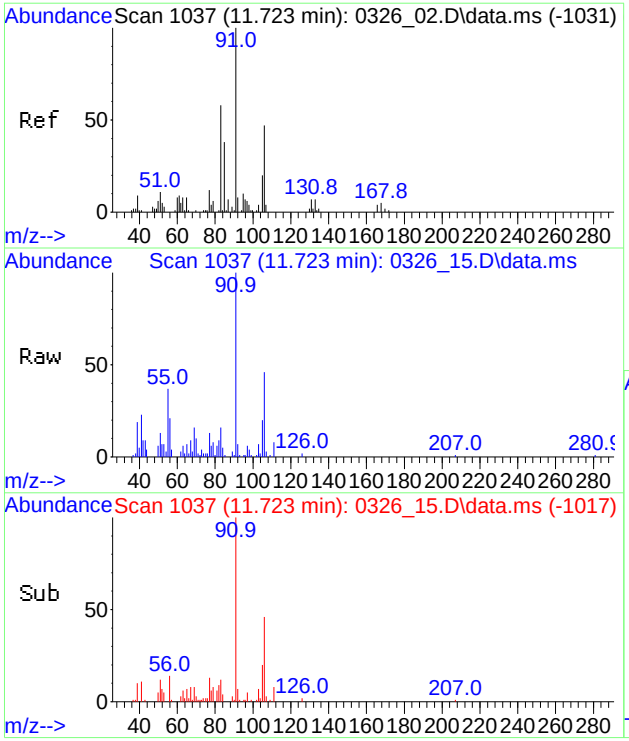


#57
m,p-Xylene
Conc: 8$ 1.257 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 91 Resp: 99905

Ion	Ratio	Lower	Upper
91	100		
106	50.0	41.1	61.7
105	24.3	19.5	29.3

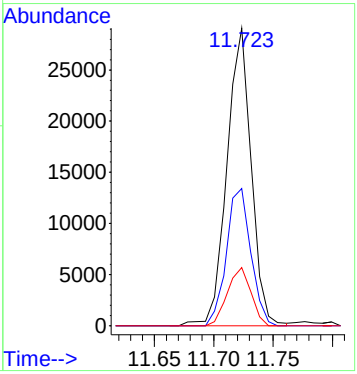


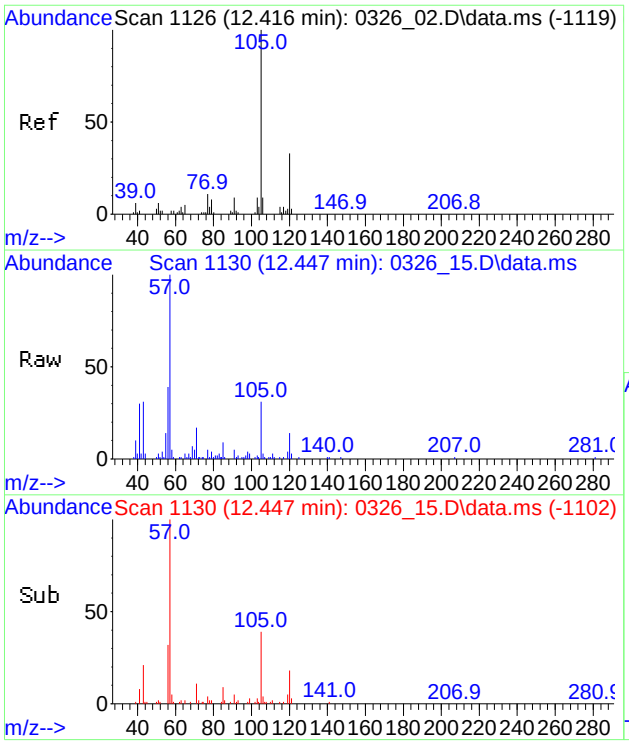


#61
o-Xylene
Conc: 8$ 0.495 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 91 Resp: 41496

Ion	Ratio	Lower	Upper
91	100		
106	46.4	39.6	59.4
105	19.0	16.7	25.1

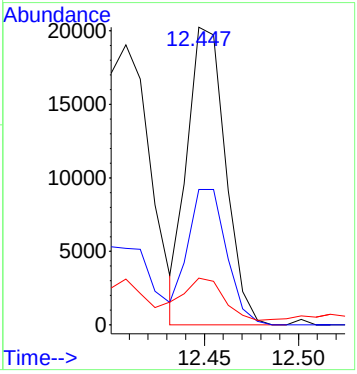


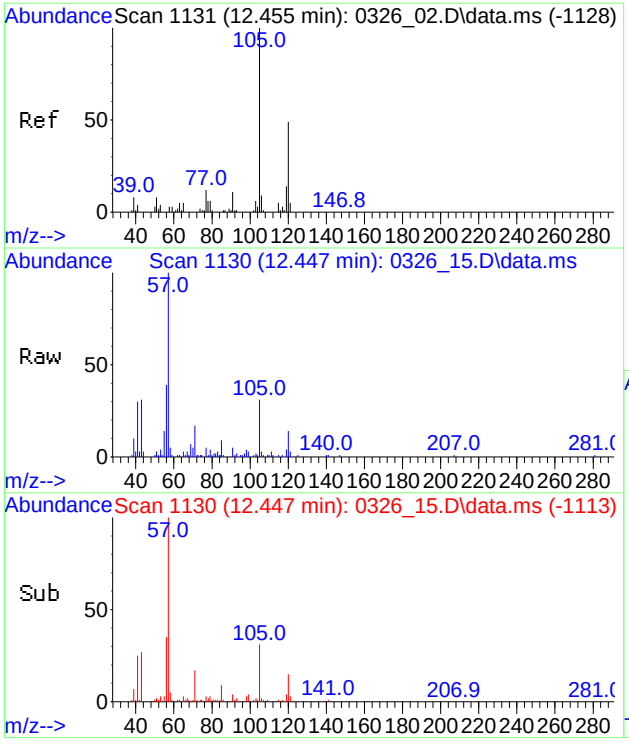


#65
4-Ethyltoluene
Conc: 8$ 0.252 ppbv
RT: 12.447 min Scan# 1130
Delta R.T. 0.031 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:105 Resp: 28583

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	35.2#
77	15.4	8.2	12.4#

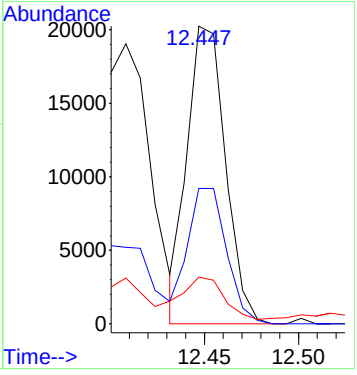


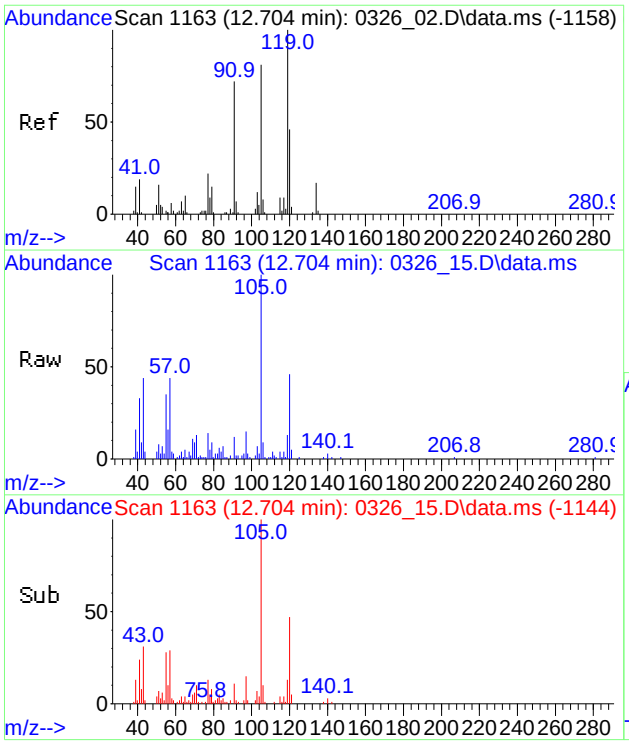


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.286 ppbv
RT: 12.447 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:105 Resp: 28583

Ion	Ratio	Lower	Upper
105	100		
120	46.4	42.6	63.8
77	15.4	8.8	13.2#

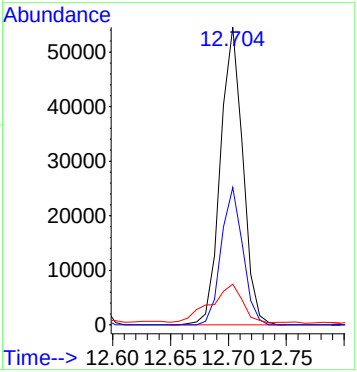


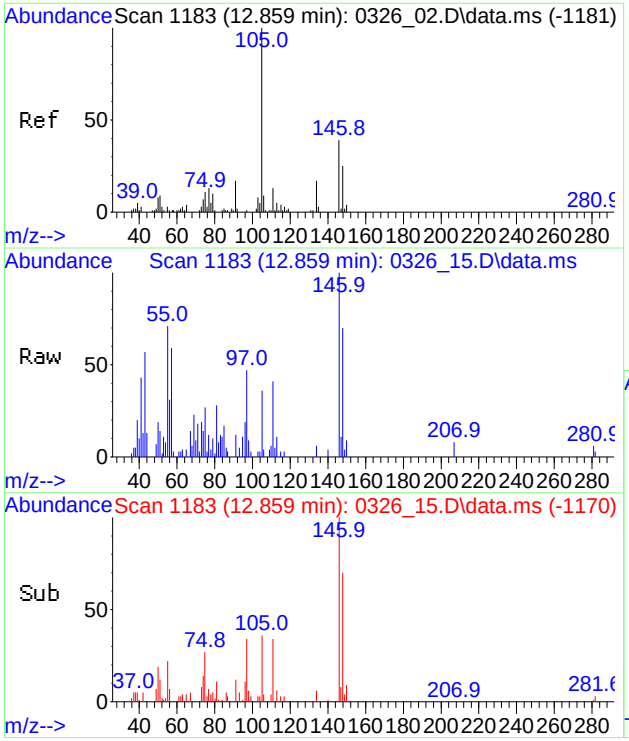


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.743 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:105 Resp: 72791

Ion	Ratio	Lower	Upper
105	100		
120	44.4	44.4	66.6
77	18.3	18.2	27.4

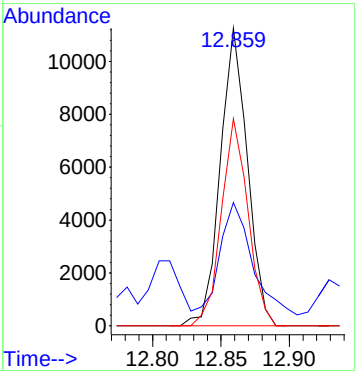


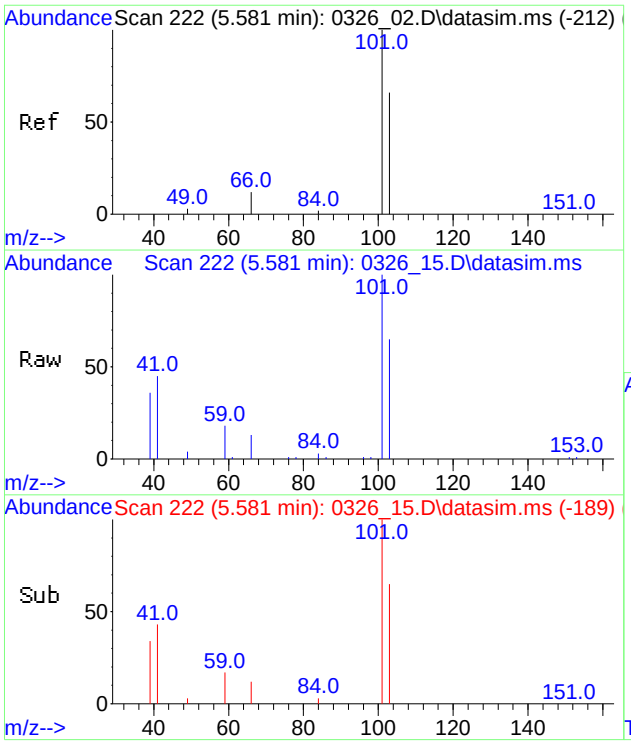


#70
1,4-Dichlorobenzene
Conc: 8$ 0.268 ppbv
RT: 12.859 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:146 Resp: 15512

Ion	Ratio	Lower	Upper
146	100		
111	44.6	29.7	44.5#
148	68.6	51.3	76.9

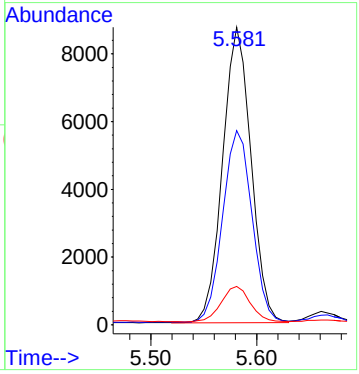


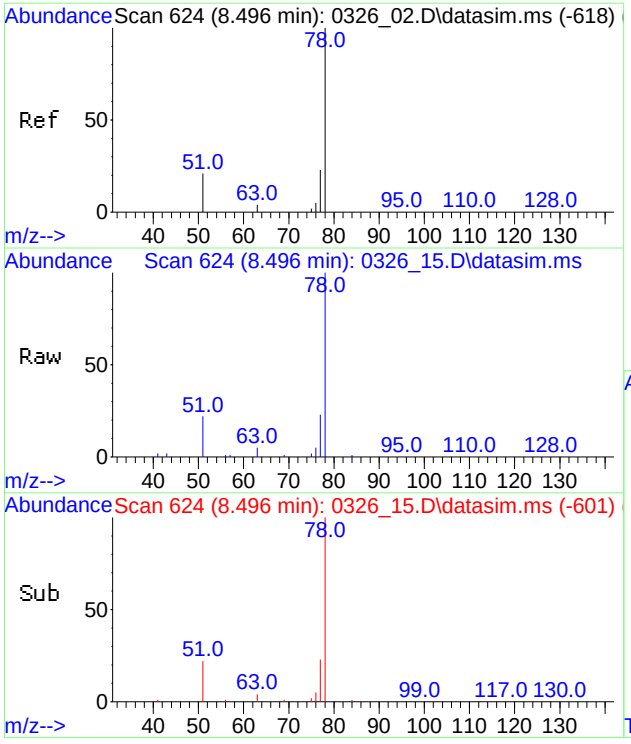


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.212 ppbv
RT: 5.581 min Scan# 222
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:101 Resp: 16310

Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.4	78.6
66	13.2	11.4	11.4#

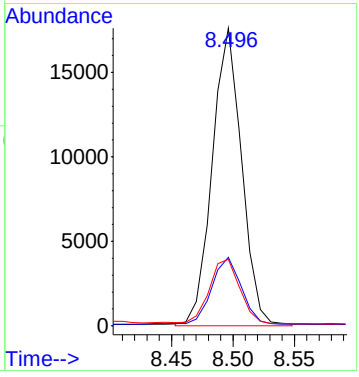


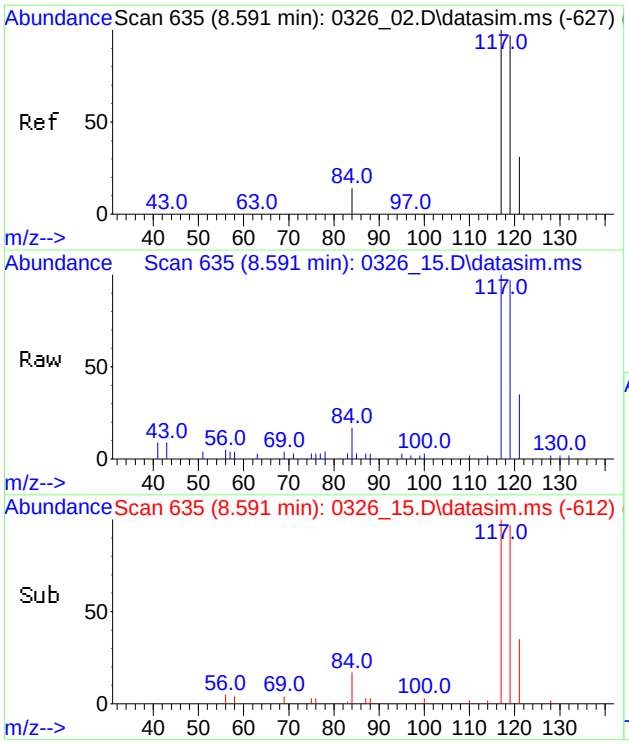


#85
Benzene(sim)
Conc: 8$ 0.347 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 78 Resp: 26087

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2
51	24.9	18.1	27.1

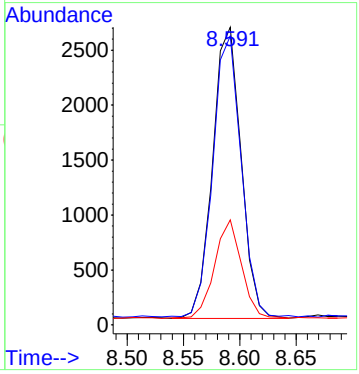


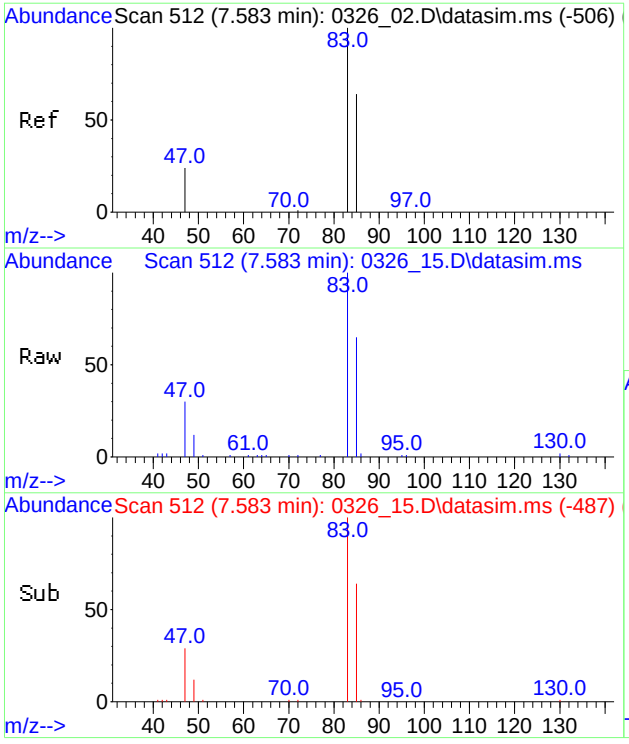


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.070 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:117 Resp: 4657

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
121	31.8	24.9	37.3

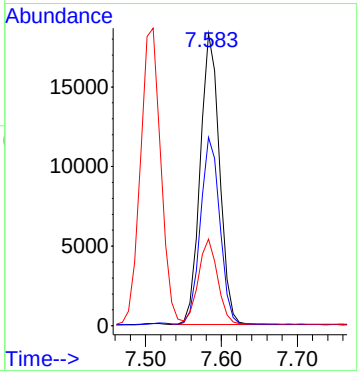


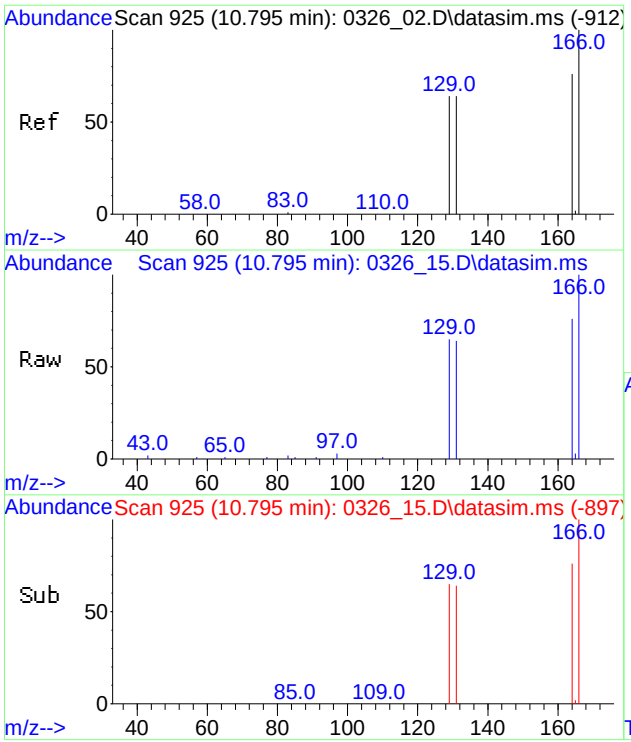


#92
Chloroform(sim)
Conc: 8$ 0.543 ppbv
RT: 7.583 min Scan# 512
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 83 Resp: 32330

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4
47	28.8	23.0	34.4

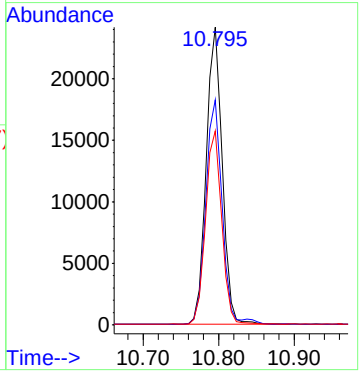


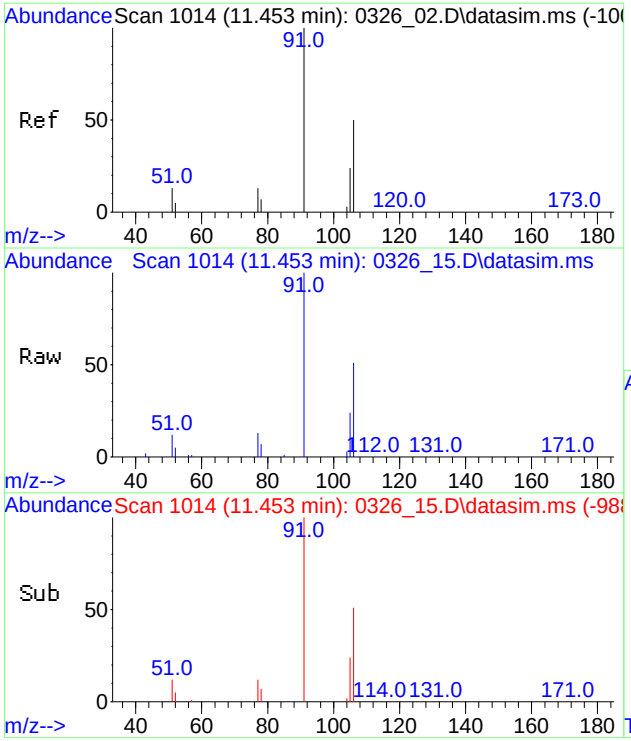


#102
Tetrachloroethene(sim)
Conc: 8$ 0.573 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:166 Resp: 35325

Ion	Ratio	Lower	Upper
166	100		
164	77.4	58.0	98.0
129	65.6	58.0	98.0

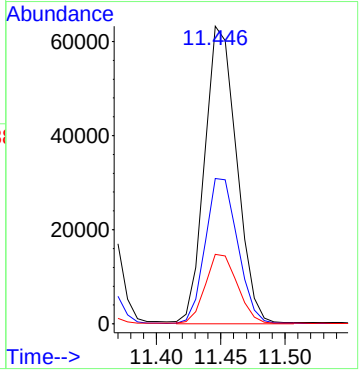


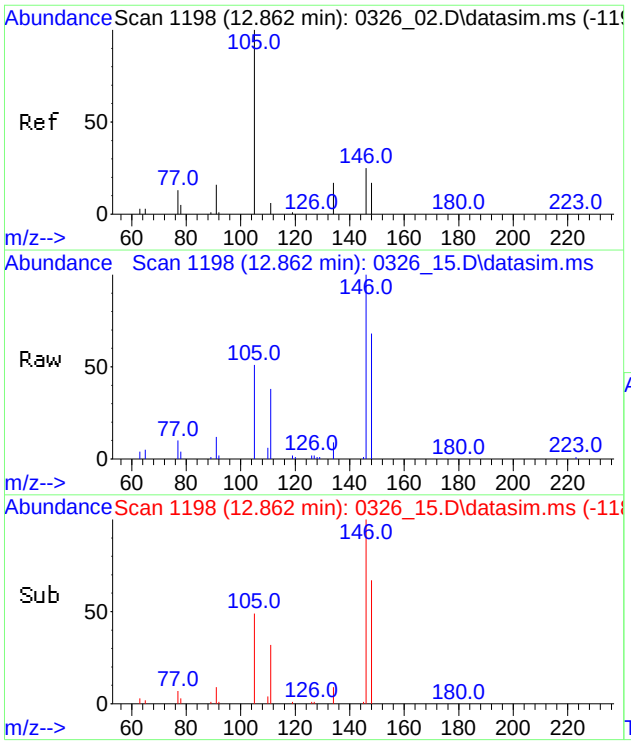


#105
m,p-Xylene(sim)
Conc: 8$ 1.220 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion: 91 Resp: 99905

Ion	Ratio	Lower	Upper
91	100		
106	50.2	46.3	56.5
105	24.3	19.5	29.3

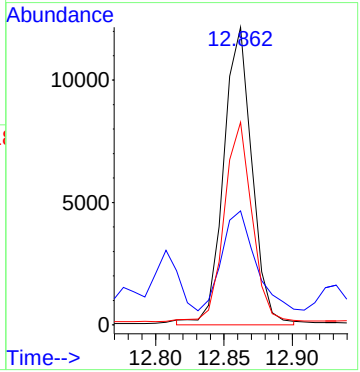




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.336 ppbv
RT: 12.859 min Scan# 1198
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 10:07 pm

Tgt Ion:146 Resp: 15512

Ion	Ratio	Lower	Upper
146	100		
111	44.6	17.1	57.1
148	68.6	44.1	84.1



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-02

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91409

Canister: 19962 Lab File ID: 0326_16.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.466		0.202	0.202	r
74-87-3	Chloromethane	0.633		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	19.4	S	0.531	0.531	r
67-64-1	Acetone	6.57	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.221		0.178	0.178	r
67-63-0	Isopropylalcohol	2.37	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	6.86		0.339	0.339	r
110-54-3	Hexane	1.32	S	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
71-43-2	Benzene	0.825		0.313	0.313	r
110-82-7	Cyclohexane	1.21		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.559		0.215	0.215	r
142-82-5	Heptane	2.24		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	3.39		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.649		0.037	0.037	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
100-41-4	Ethylbenzene	1.24		0.230	0.230	r
179601-23-1	m,p-Xylene	3.95		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.58		0.230	0.230	r
98-82-8	Isopropylbenzene	0.243		0.204	0.204	r
622-96-8	4-Ethyltoluene	2.05		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.580		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.81		0.204	0.204	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

IA25-02

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91409

Canister: 19962 Lab File ID: 0326_16.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_16.D
Acq On : 26 Mar 2025 10:45 pm
Operator : Keith
Client ID : IA25-02
Lab ID : CS91409
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 27 05:39:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

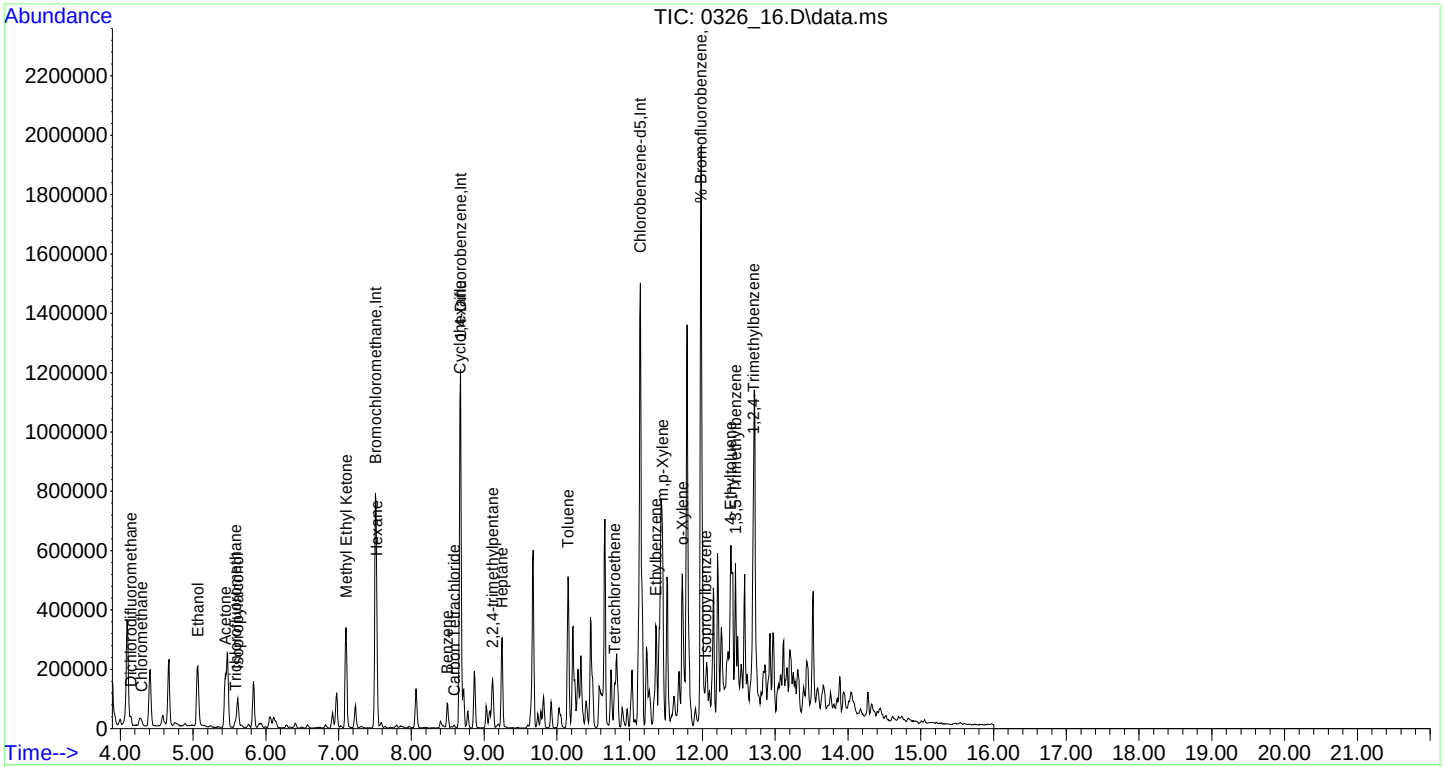
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	223666	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	763806	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	401851	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	224140	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	763806	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	401851	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	436855	9.079	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	90.80%			
Target Compounds							Qvalue
3) Dichlorodifluoromethane	4.145	85	33528	0.466	ppbv		97
4) Chloromethane	4.294	50	20477	0.633	ppbv		98
11) Ethanol	5.065	45	276125	19.434	ppbv#		90
12) Acetone	5.443	43	302244	6.572	ppbv#		84
13) Trichlorofluoromethane	5.584	101	16268	0.221	ppbv		98
14) Isopropylalcohol	5.615	45	134712	2.371	ppbv#		90
25) Methyl Ethyl Ketone	7.101	43	414859	6.860	ppbv		99
27) Hexane	7.523	57	55702	1.319	ppbv		94
33) Benzene	8.493	78	60036	0.825	ppbv		98
34) Carbon Tetrachloride	8.588	117	4936	0.074	ppbv		89
35) Cyclohexane	8.666	84	34115	1.212	ppbv		95
40) 2,2,4-trimethylpentane	9.116	57	75999	0.559	ppbv#		26
43) Heptane	9.246	43	122316	2.238	ppbv		96
48) Toluene	10.152	91	290664	3.386	ppbv		99
52) Tetrachloroethene	10.792	166	37615	0.649	ppbv		92
56) Ethylbenzene	11.359	91	143846	1.242	ppbv		97
57) m,p-Xylene	11.450	91	347745	3.948	ppbv		99
61) o-Xylene	11.723	91	146961	1.581	ppbv		95
64) Isopropylbenzene	12.042	105	33133	0.243	ppbv#		96
65) 4-Ethyltoluene	12.385	105	258207	2.049	ppbv		95
66) 1,3,5-Trimethylbenzene	12.455	105	64301	0.580	ppbv		93
67) 1,2,4-Trimethylbenzene	12.703	105	196212	1.808	ppbv#		85
82] Trichlorofluoromethane...	5.581	101	16441	0.211	ppbv#		99
85] Benzene(sim)	8.493	78	60036	0.789	ppbv		98
86] Carbon Tetrachloride(sim)	8.591	117	5255	0.078	ppbv		98
102] Tetrachloroethene(sim)	10.795	166	37925	0.612	ppbv		93
105] m,p-Xylene(sim)	11.450	91	348597	3.840	ppbv		99

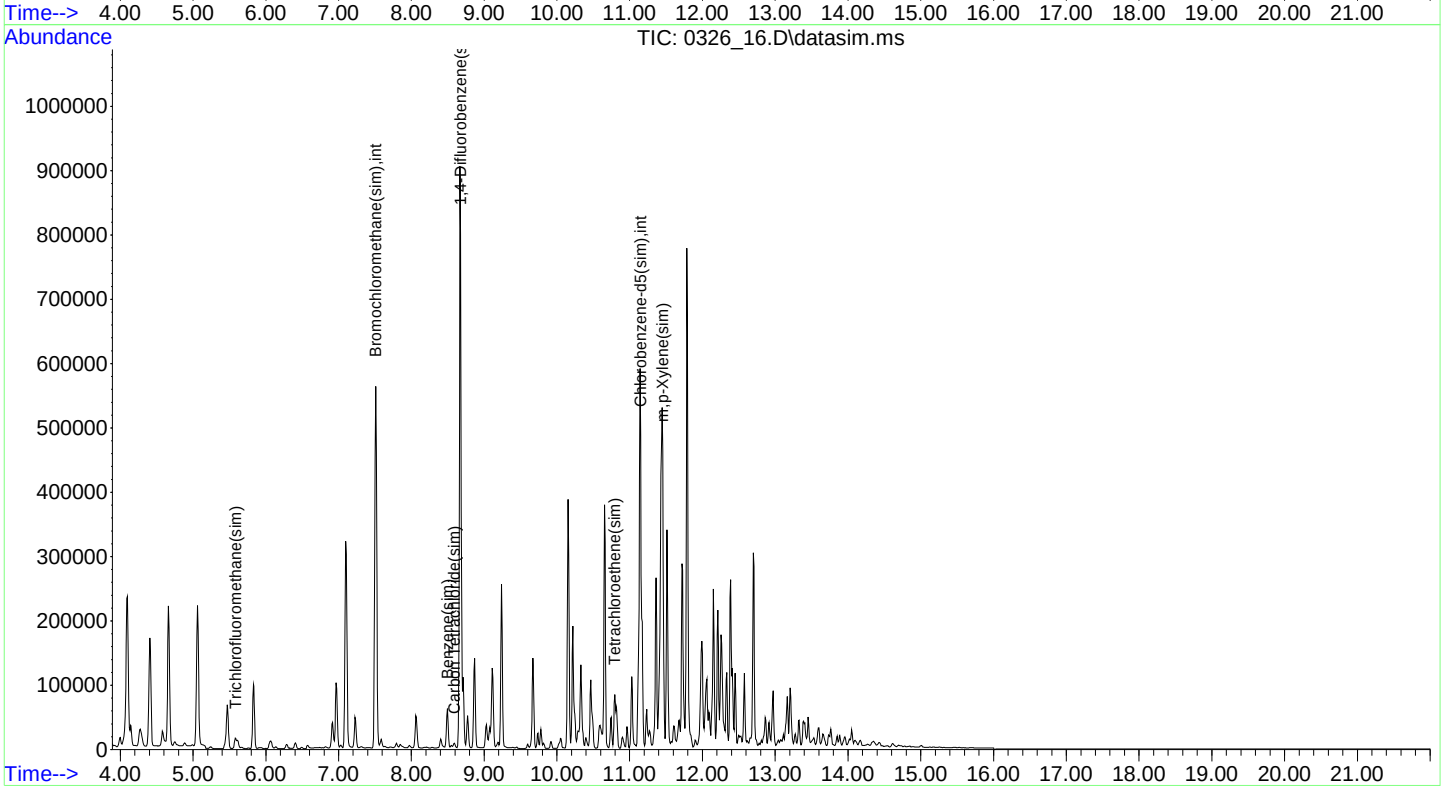
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

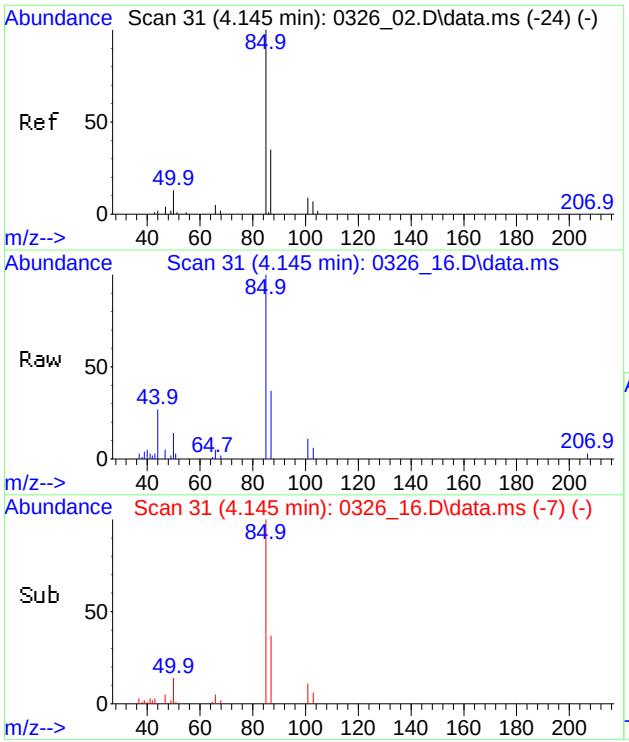
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_16.D
Acq On : 26 Mar 2025 10:45 pm
Operator : Keith
Client ID : IA25-02
Lab ID : CS91409
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 27 05:39:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



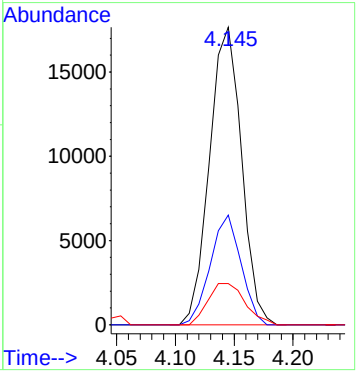


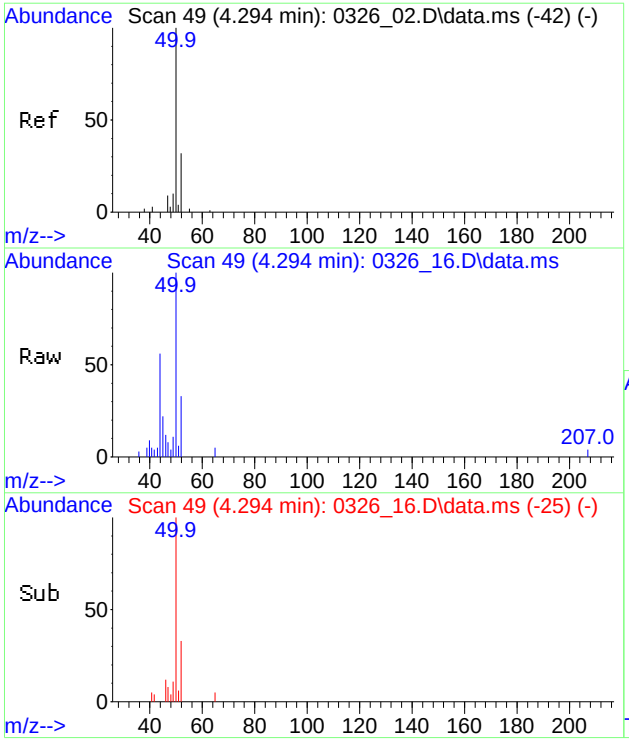


#3
Dichlorodifluoromethane
Conc: 8$ 0.466 ppbv
RT: 4.145 min Scan# 31
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 85 Resp: 33528

Ion	Ratio	Lower	Upper
85	100		
87	35.4	26.9	40.3
50	16.2	12.0	18.0

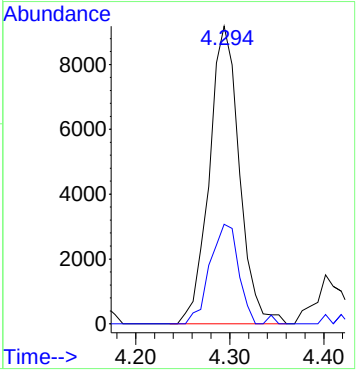


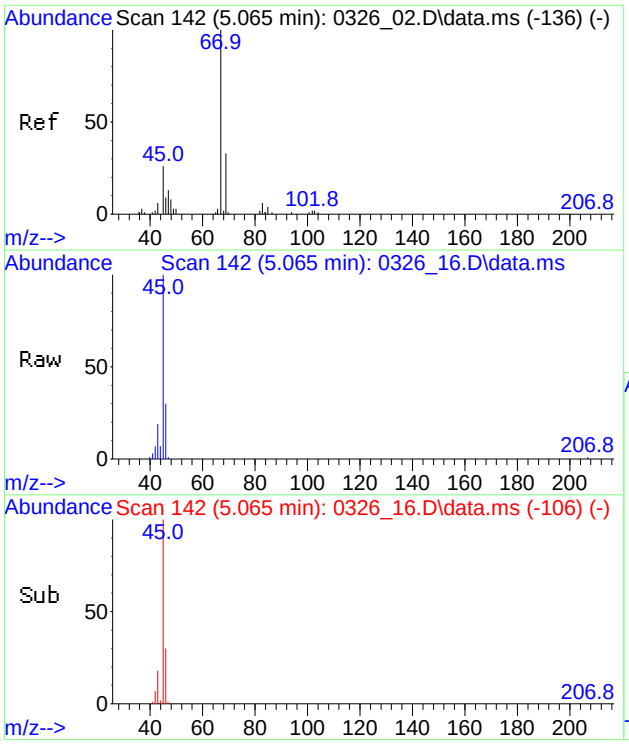


#4
Chloromethane
Conc: 8$ 0.633 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 50 Resp: 20477

Ion	Ratio	Lower	Upper
50	100		
52	31.7	12.8	52.8

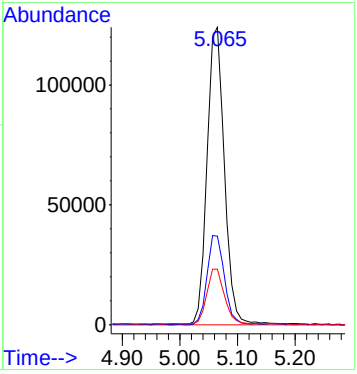


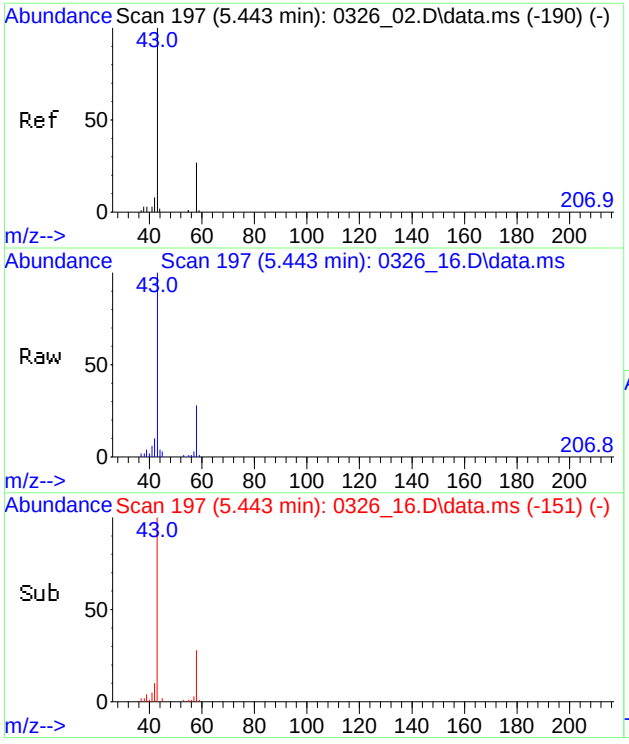


#11
Ethanol
Conc: 8$ 19.434 ppbv
RT: 5.065 min Scan# 142
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 45 Resp: 276125

Ion	Ratio	Lower	Upper
45	100		
46	28.3	25.0	37.6
43	17.4	20.0	30.0#

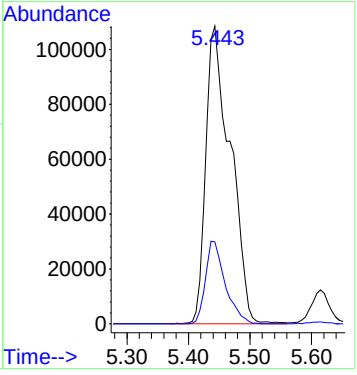


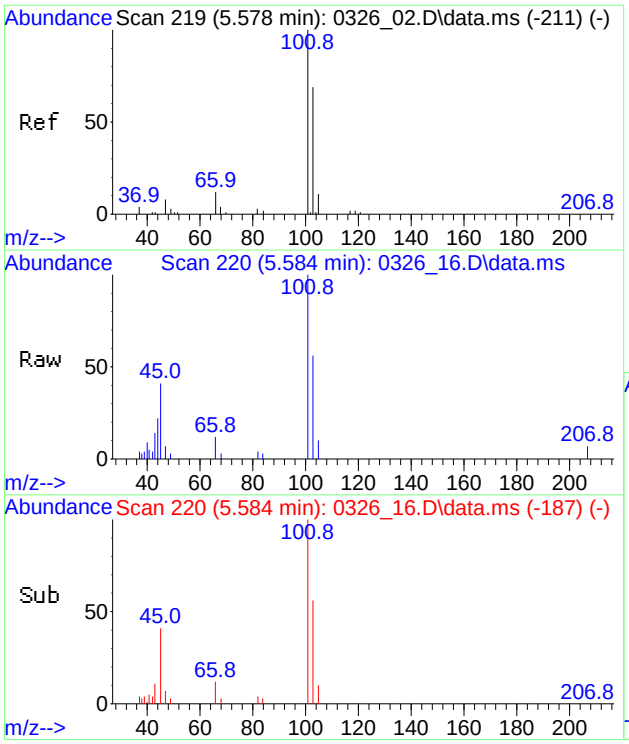


#12
Acetone
Conc: 8$ 6.572 ppbv
RT: 5.443 min Scan# 197
Delta R.T. 0.006 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 43 Resp: 302244

Ion	Ratio	Lower	Upper
43	100		
58	22.3	24.6	37.0#

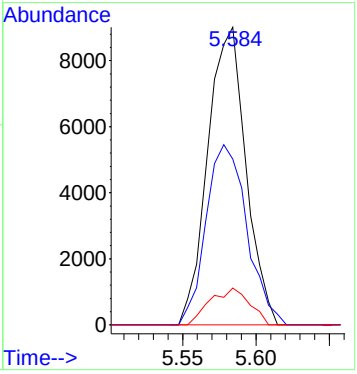


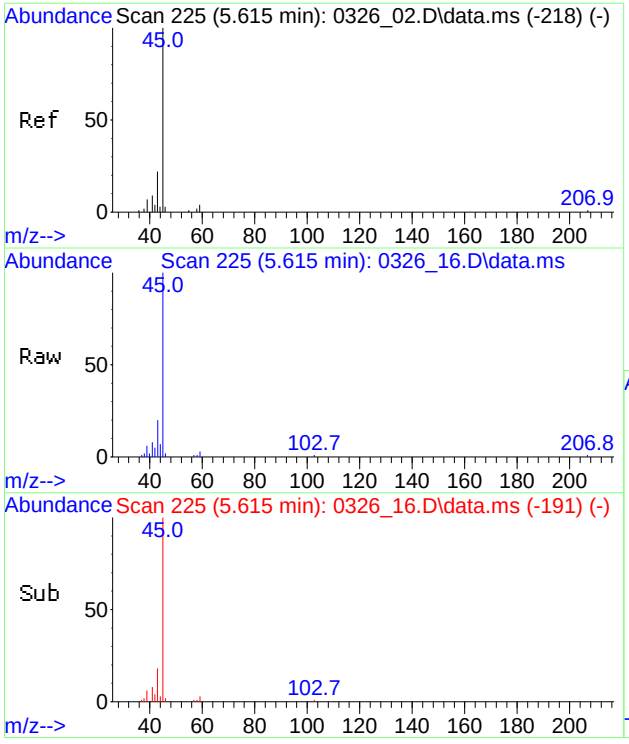


#13
Trichlorofluoromethane
Conc: 8$ 0.221 ppbv
RT: 5.584 min Scan# 220
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:101 Resp: 16268

Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.4	80.2
66	12.8	9.3	13.9

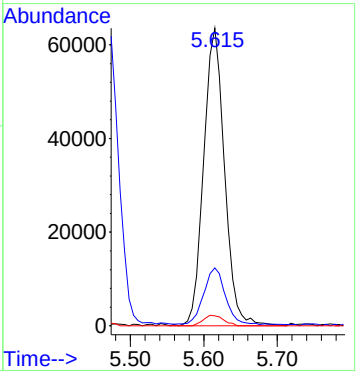


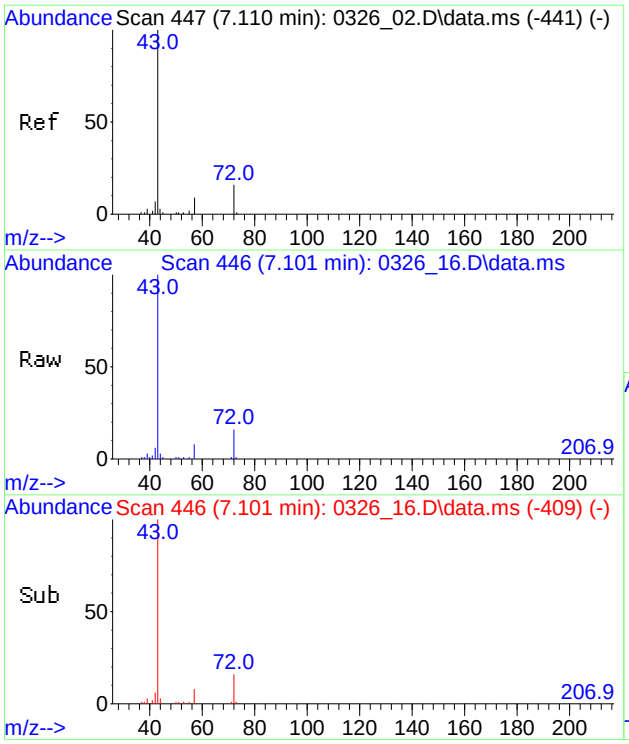


#14
Isopropylalcohol
Conc: 8$ 2.371 ppbv
RT: 5.615 min Scan# 225
Delta R.T. 0.006 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 45 Resp: 134712

Ion	Ratio	Lower	Upper
45	100		
43	21.5	13.3	19.9#
59	3.2	2.6	4.0

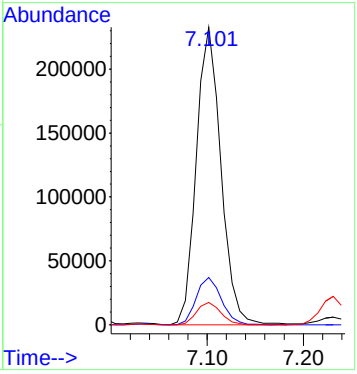


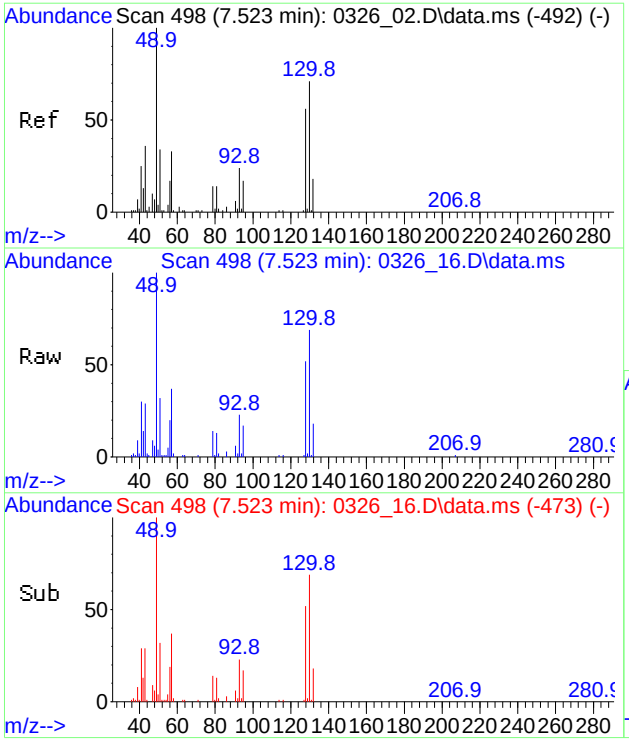


#25
Methyl Ethyl Ketone
Conc: 8$ 6.860 ppbv
RT: 7.101 min Scan# 446
Delta R.T. -0.001 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 43 Resp: 414859

Ion	Ratio	Lower	Upper
43	100		
72	16.4	13.1	19.7
57	7.4	6.6	9.8

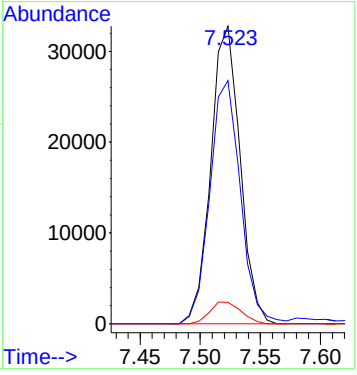


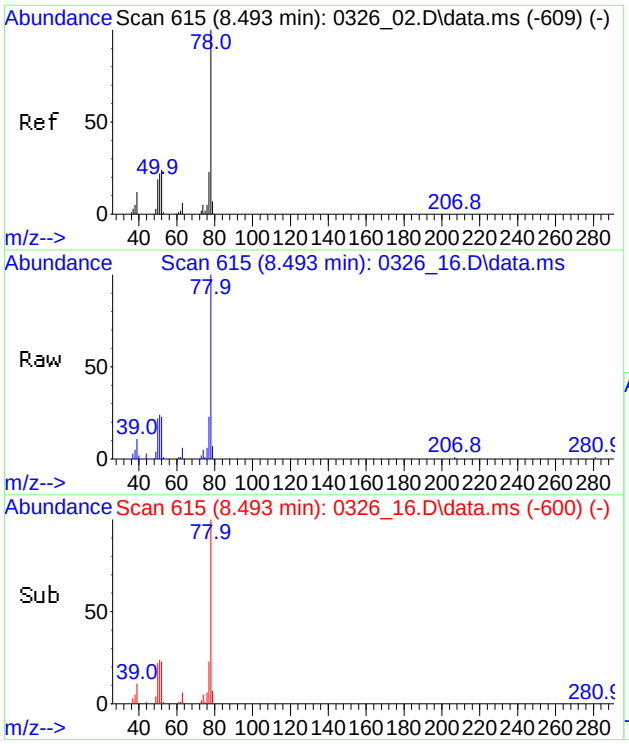


#27
Hexane
Conc: 8$ 1.319 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 57 Resp: 55702

Ion	Ratio	Lower	Upper
57	100		
41	85.3	63.4	95.2
86	7.9	5.8	8.6

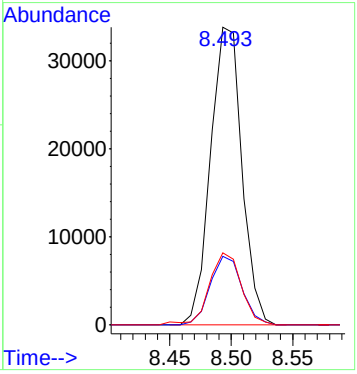


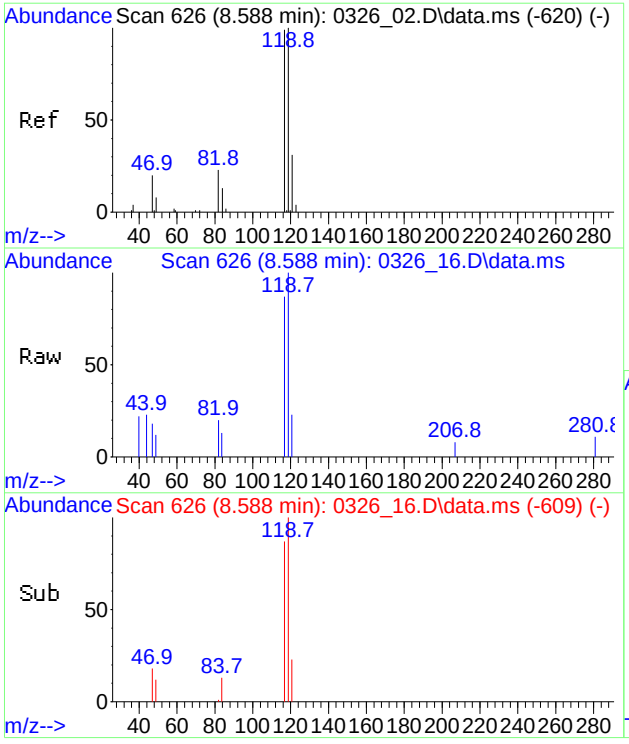


#33
Benzene
Conc: 8$ 0.825 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 78 Resp: 60036

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2
51	24.7	18.1	27.1

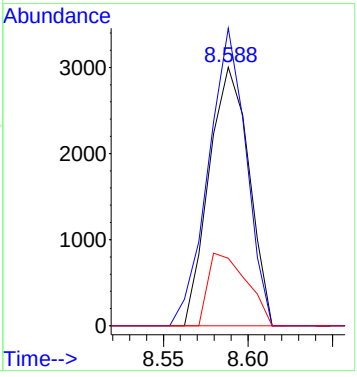


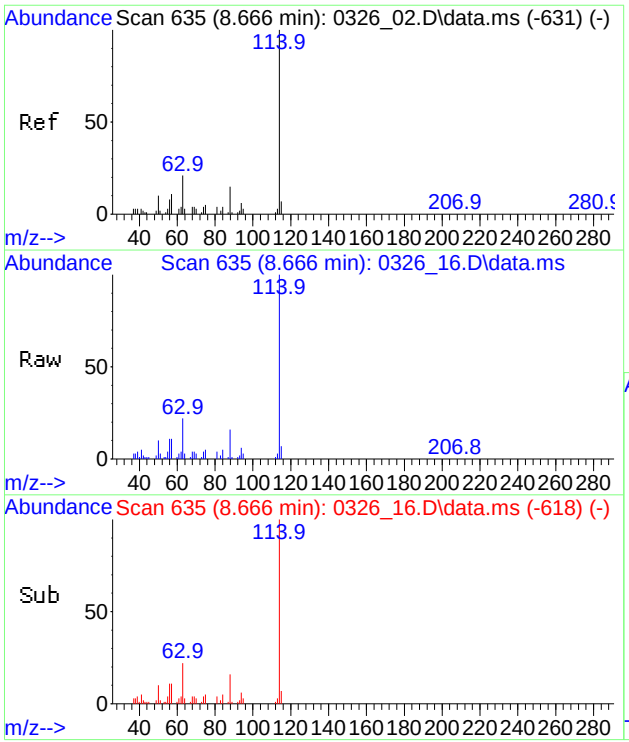


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:117 Resp: 4936

Ion	Ratio	Lower	Upper
117	100		
119	108.5	76.5	116.5
121	26.9	11.2	51.2

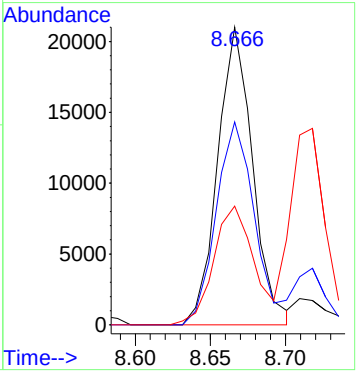


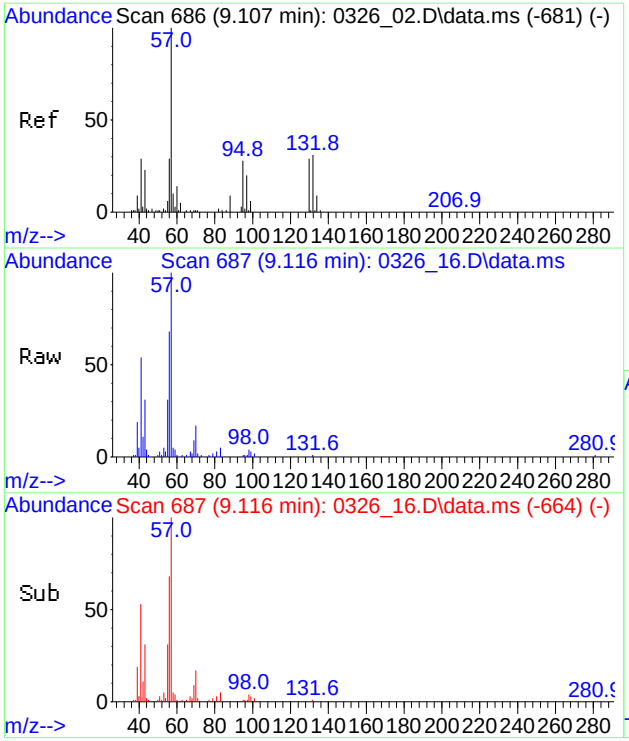


#35
Cyclohexane
Conc: 8$ 1.212 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 84 Resp: 34115

Ion	Ratio	Lower	Upper
84	100		
55	75.5	63.1	94.7
42	46.1	33.3	49.9

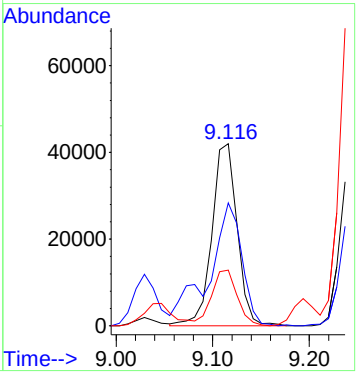


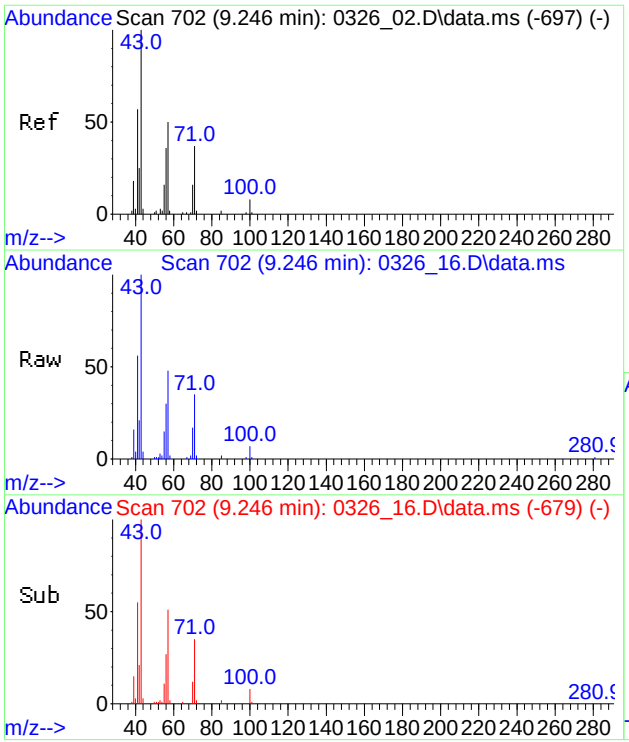


#40
2,2,4-trimethylpentane
Conc: 8$ 0.559 ppbv
RT: 9.116 min Scan# 687
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 57 Resp: 75999

Ion	Ratio	Lower	Upper
57	100		
56	88.8	22.9	34.3#
43	30.9	17.0	25.4#

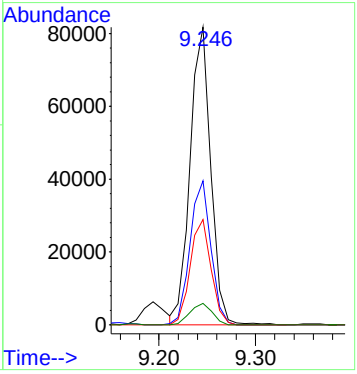


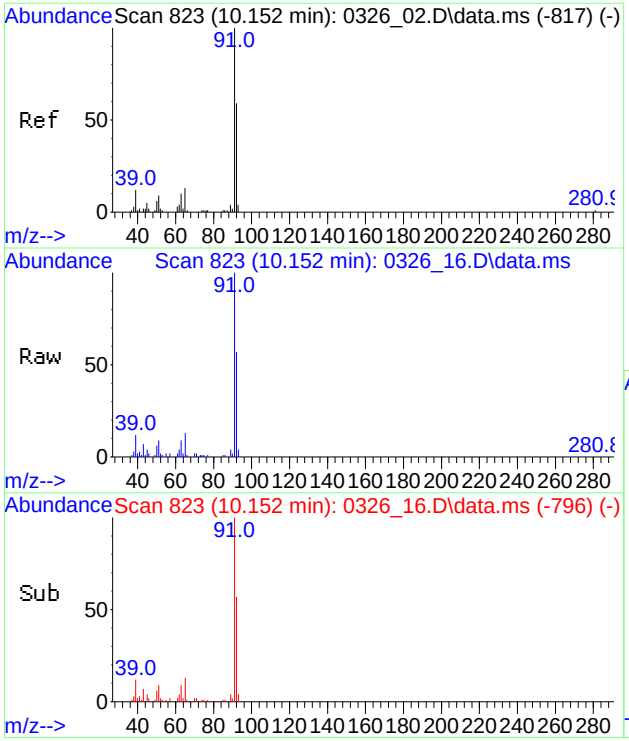


#43
Heptane
Conc: 8$ 2.238 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 43 Resp: 122316

Ion	Ratio	Lower	Upper
43	100		
57	48.7	42.4	63.6
71	35.6	29.4	44.0
100	7.8	6.5	9.7

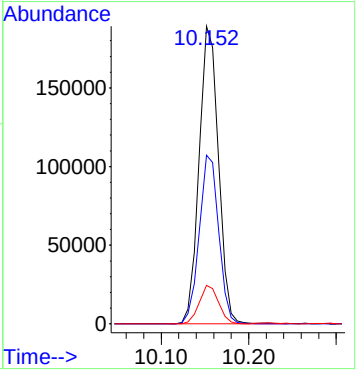


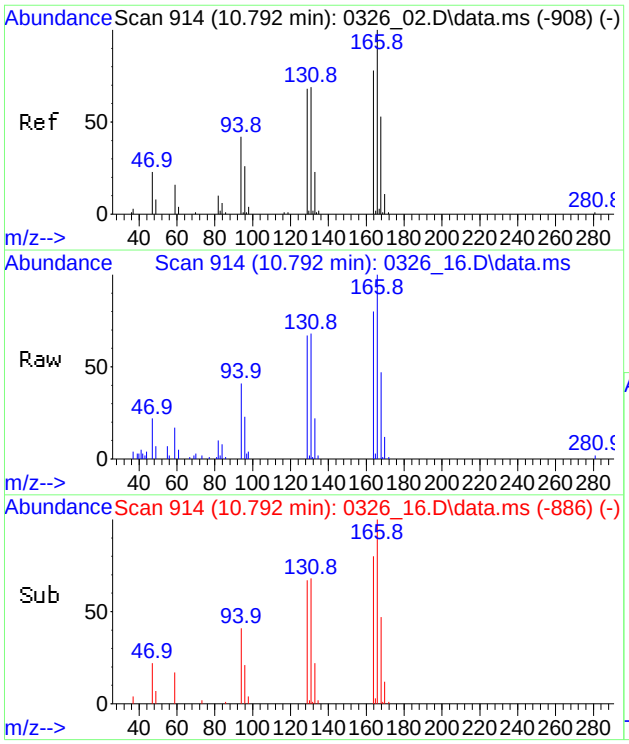


#48
Toluene
Conc: 8$ 3.386 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 91 Resp: 290664

Ion	Ratio	Lower	Upper
91	100		
92	56.9	45.0	67.4
65	12.9	9.4	14.2

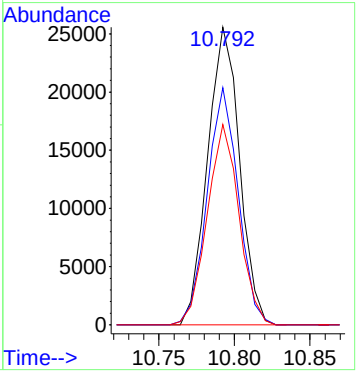


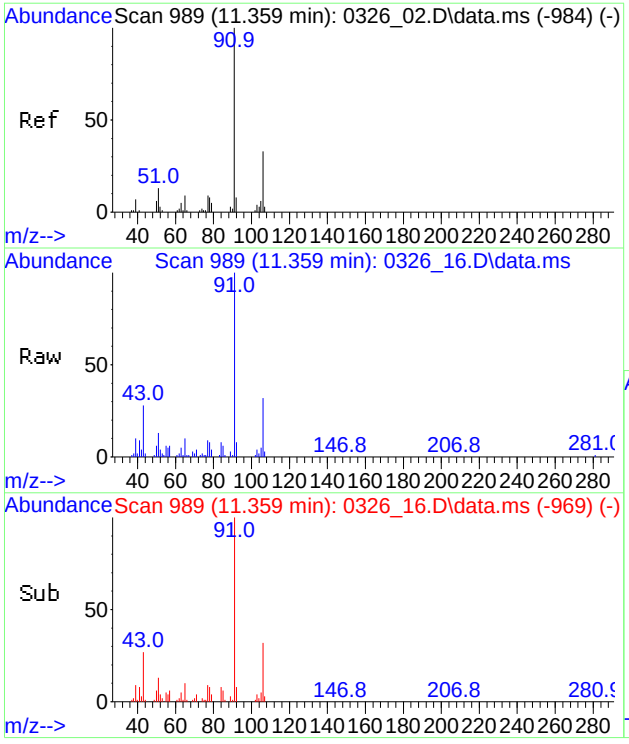


#52
Tetrachloroethene
Conc: 8$ 0.649 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:166 Resp: 37615

Ion	Ratio	Lower	Upper
166	100		
164	77.3	64.7	97.1
129	66.9	62.2	93.2

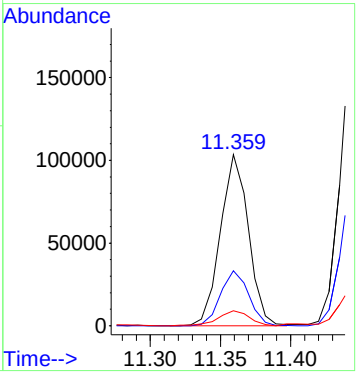


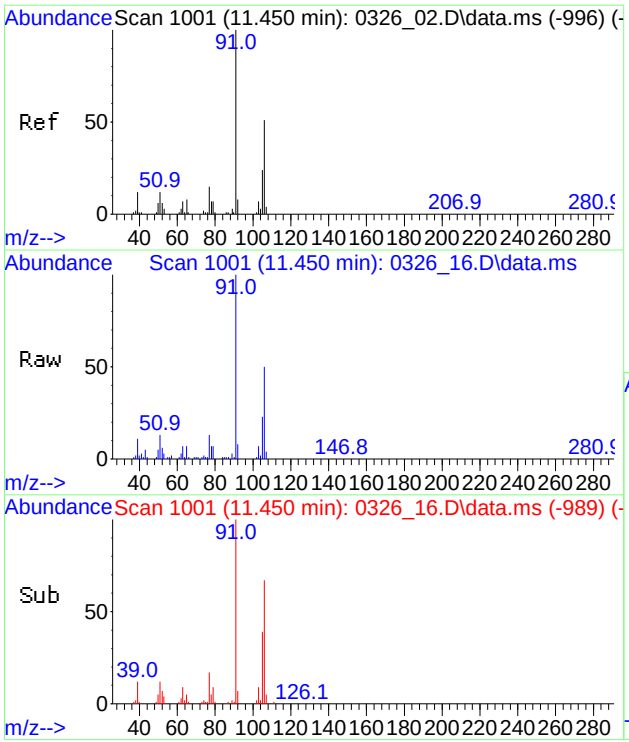


#56
Ethylbenzene
Conc: 8$ 1.242 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 91 Resp: 143846

Ion	Ratio	Lower	Upper
91	100		
106	32.3	13.5	53.5
77	9.9	0.0	28.3

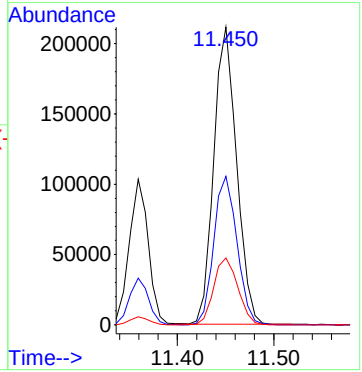


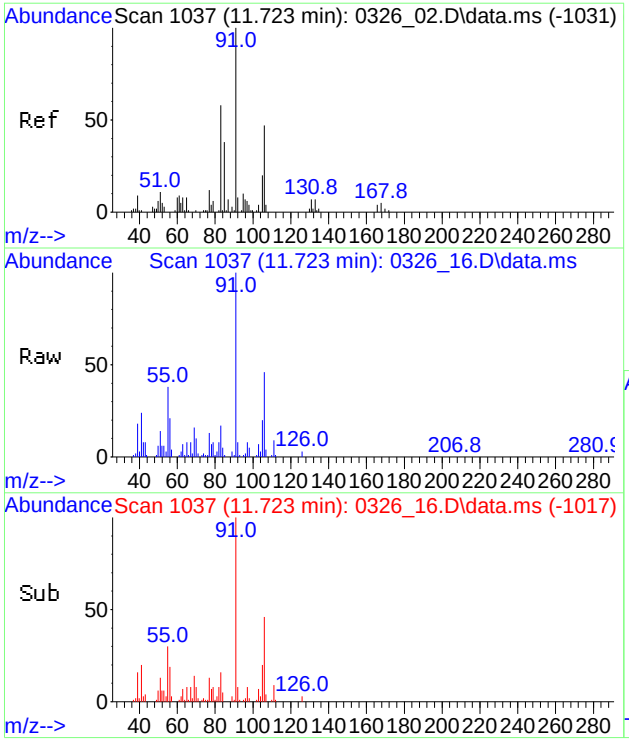


#57
m,p-Xylene
Conc: 8$ 3.948 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 91 Resp: 347745

Ion	Ratio	Lower	Upper
91	100		
106	50.8	41.1	61.7
105	23.9	19.5	29.3

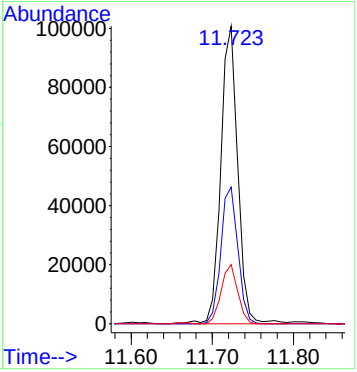


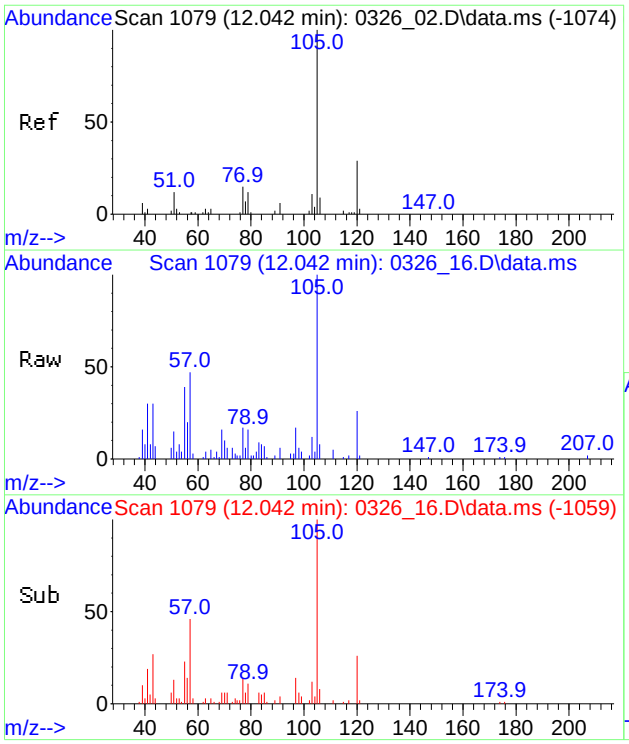


#61
o-Xylene
Conc: 8$ 1.581 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 91 Resp: 146961

Ion	Ratio	Lower	Upper
91	100		
106	45.9	39.6	59.4
105	19.4	16.7	25.1

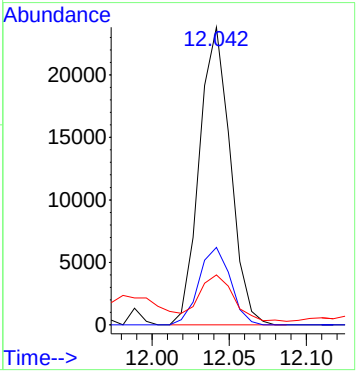


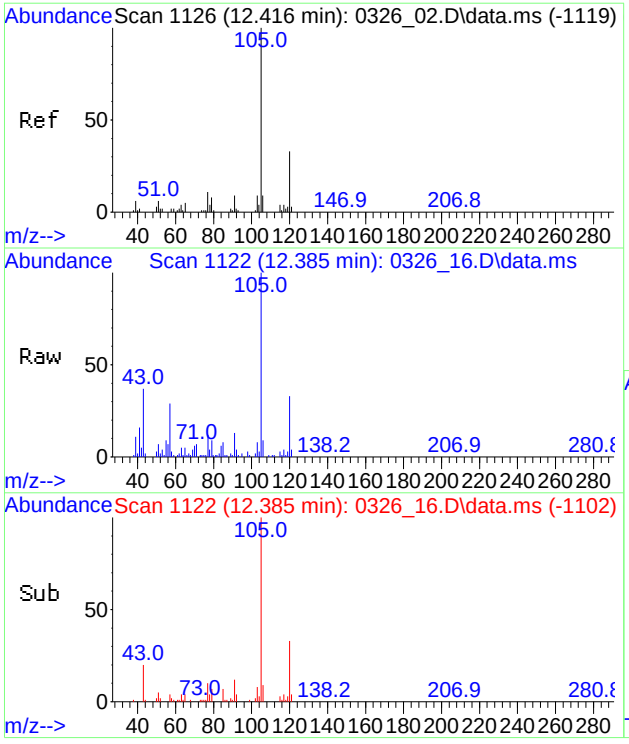


#64
Isopropylbenzene
Conc: 8$ 0.243 ppbv
RT: 12.042 min Scan# 1079
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:105 Resp: 33133

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.6	30.8
77	16.9	11.1	16.7#

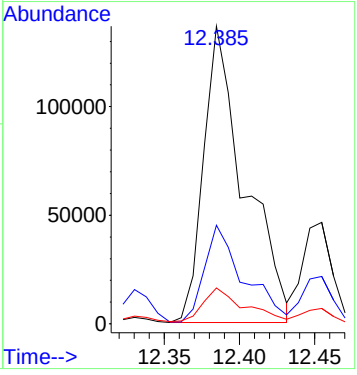


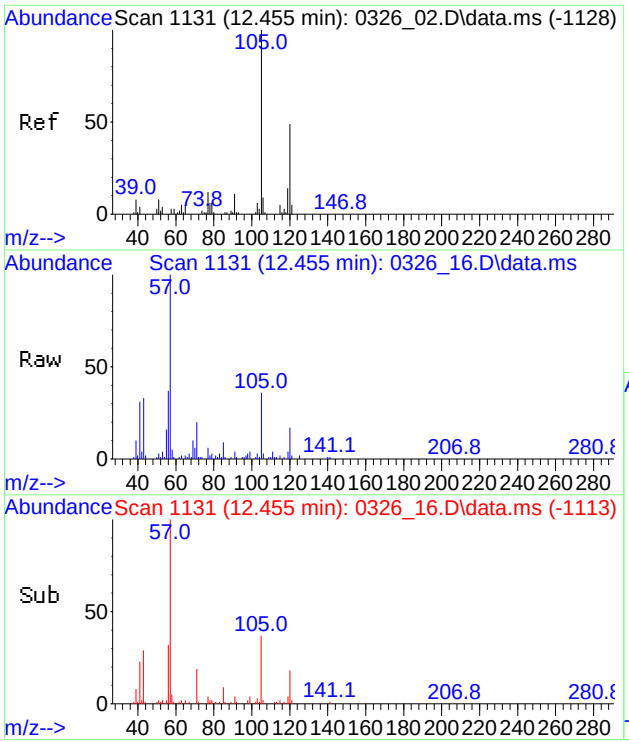


#65
4-Ethyltoluene
Conc: 8$ 2.049 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:105 Resp: 258207

Ion	Ratio	Lower	Upper
105	100		
120	32.8	23.4	35.2
77	11.1	8.2	12.4

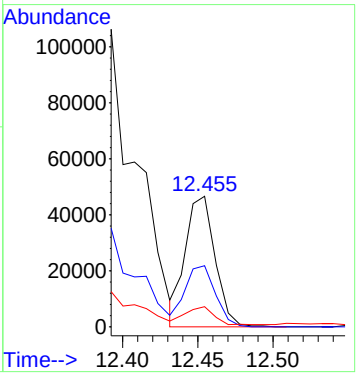


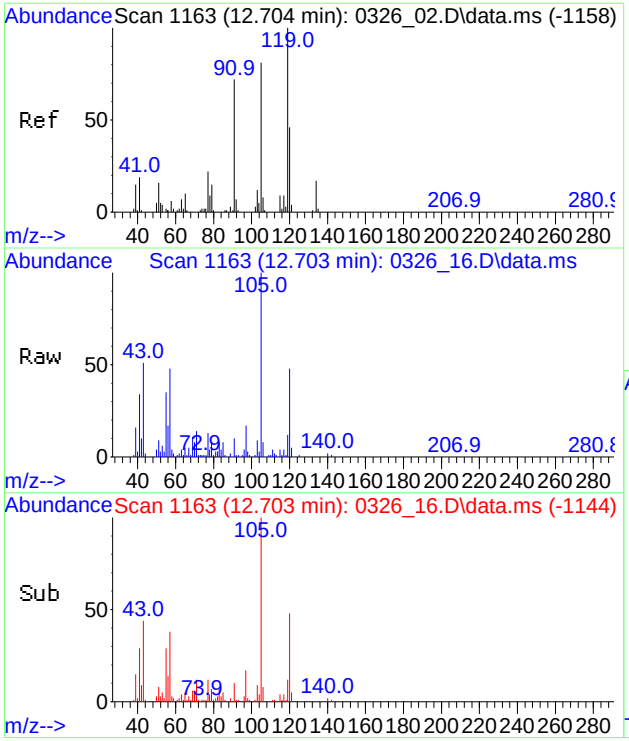


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.580 ppbv
RT: 12.455 min Scan# 1131
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:105 Resp: 64301

Ion	Ratio	Lower	Upper
105	100		
120	48.1	42.6	63.8
77	12.8	8.8	13.2

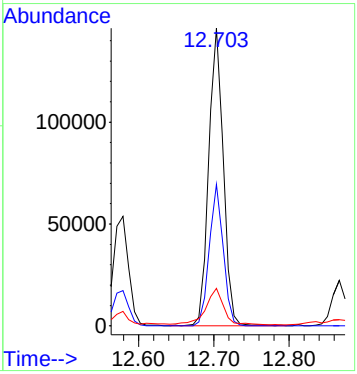


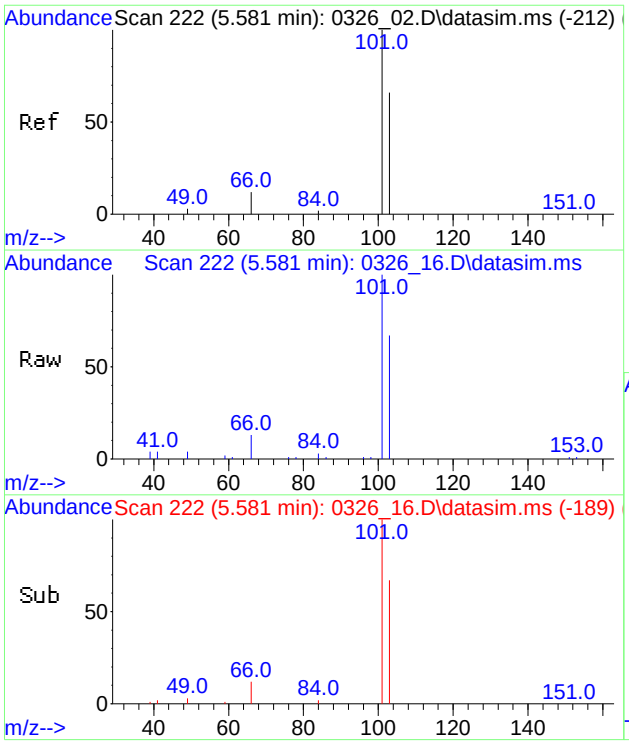


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.808 ppbv
RT: 12.703 min Scan# 1163
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:105 Resp: 196212

Ion	Ratio	Lower	Upper
105	100		
120	45.3	44.4	66.6
77	15.2	18.2	27.4#

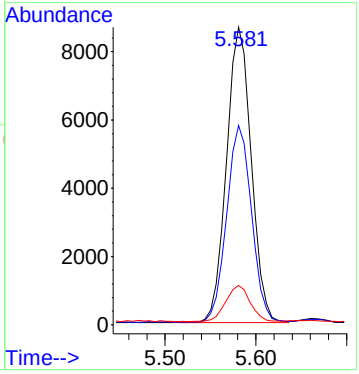


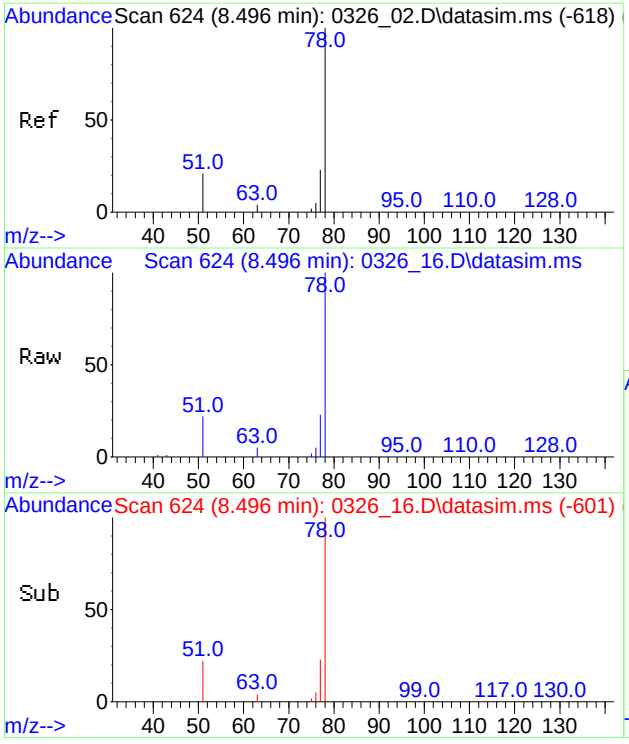


#82
Trichlorofluoromethane(sim)
Conc: 8$ 0.211 ppbv
RT: 5.581 min Scan# 222
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:101 Resp: 16441

Ion	Ratio	Lower	Upper
101	100		
103	66.7	52.4	78.6
66	11.8	11.4	11.4#

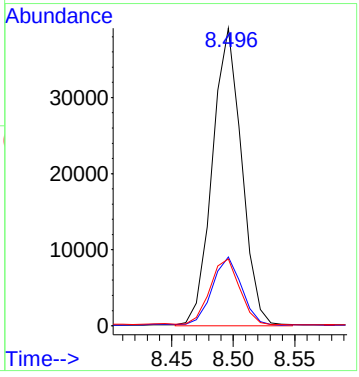


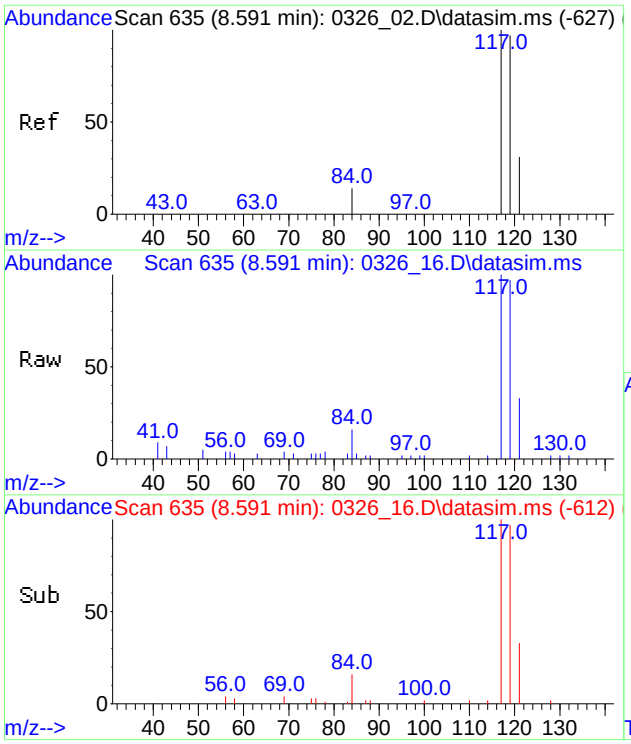


#85
Benzene(sim)
Conc: 8$ 0.789 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 78 Resp: 60036

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2
51	24.7	18.1	27.1

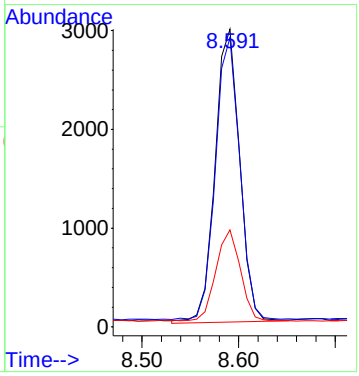


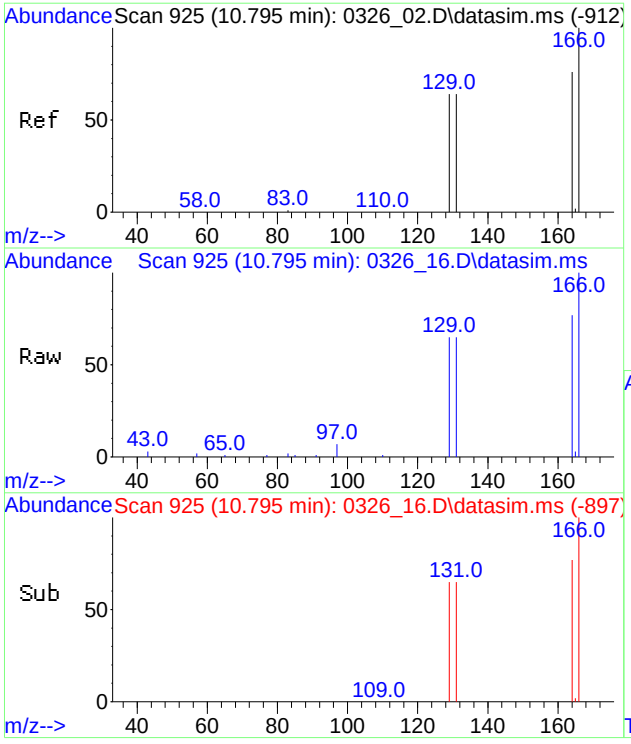


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.078 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:117 Resp: 5255

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
121	30.7	24.9	37.3

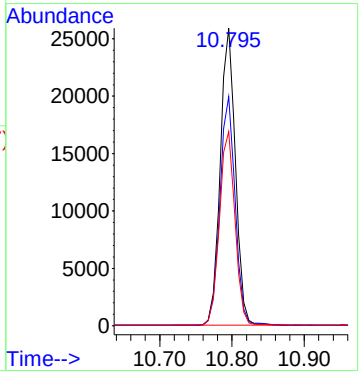


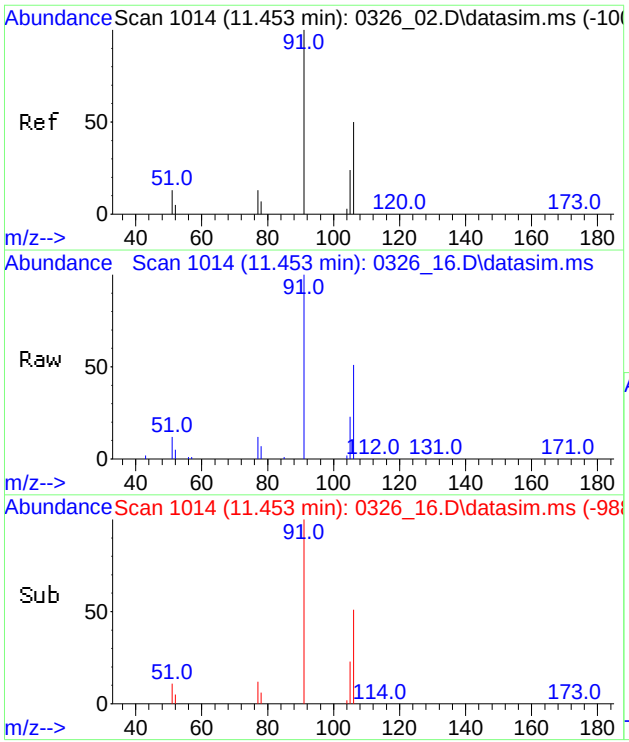


#102
Tetrachloroethene(sim)
Conc: 8$ 0.612 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion:166 Resp: 37925

Ion	Ratio	Lower	Upper
166	100		
164	77.6	58.0	98.0
129	66.5	58.0	98.0

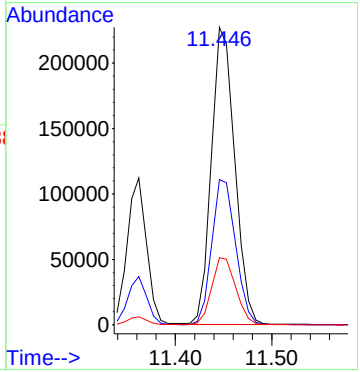




#105
m,p-Xylene(sim)
Conc: 8$ 3.840 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 10:45 pm

Tgt Ion: 91 Resp: 348597

Ion	Ratio	Lower	Upper
91	100		
106	50.7	46.3	56.5
105	23.8	19.5	29.3



CLIENT ID

AIR ANALYSIS DATA SHEET

Client:	ROCKENVIRO	Lab:	Phoenix Env. Labs	OA25-02	
SDG No.:	GCS91392			Lab Sample ID:	CS91410
Canister:	23330			Lab File ID:	0326_15.D
Instrument:	CHEM20	Column:	RTX-1 60M	Date Received:	03/26/25
Purge Volume	200 (cc)			Date Analyzed:	03/26/25
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	0.421		0.202	0.202	r
74-87-3	Chloromethane	0.572		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	22.7	S	0.531	0.531	r
67-64-1	Acetone	5.50	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.65	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	6.94		0.339	0.339	r
110-54-3	Hexane	0.780	S	0.284	0.284	r
67-66-3	Chloroform	0.391		0.205	0.205	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
71-43-2	Benzene	0.594		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.325		0.215	0.215	r
142-82-5	Heptane	0.928		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	1.70		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.715		0.037	0.037	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
100-41-4	Ethylbenzene	0.540		0.230	0.230	r
179601-23-1	m,p-Xylene	1.74		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.639		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.824		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.254		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.698		0.204	0.204	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

OA25-02

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91410

Canister: 23330 Lab File ID: 0326_15.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.071		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 8:53 pm
Operator :
Client ID : OA25-02
Lab ID : CS91410
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 21:29:41 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

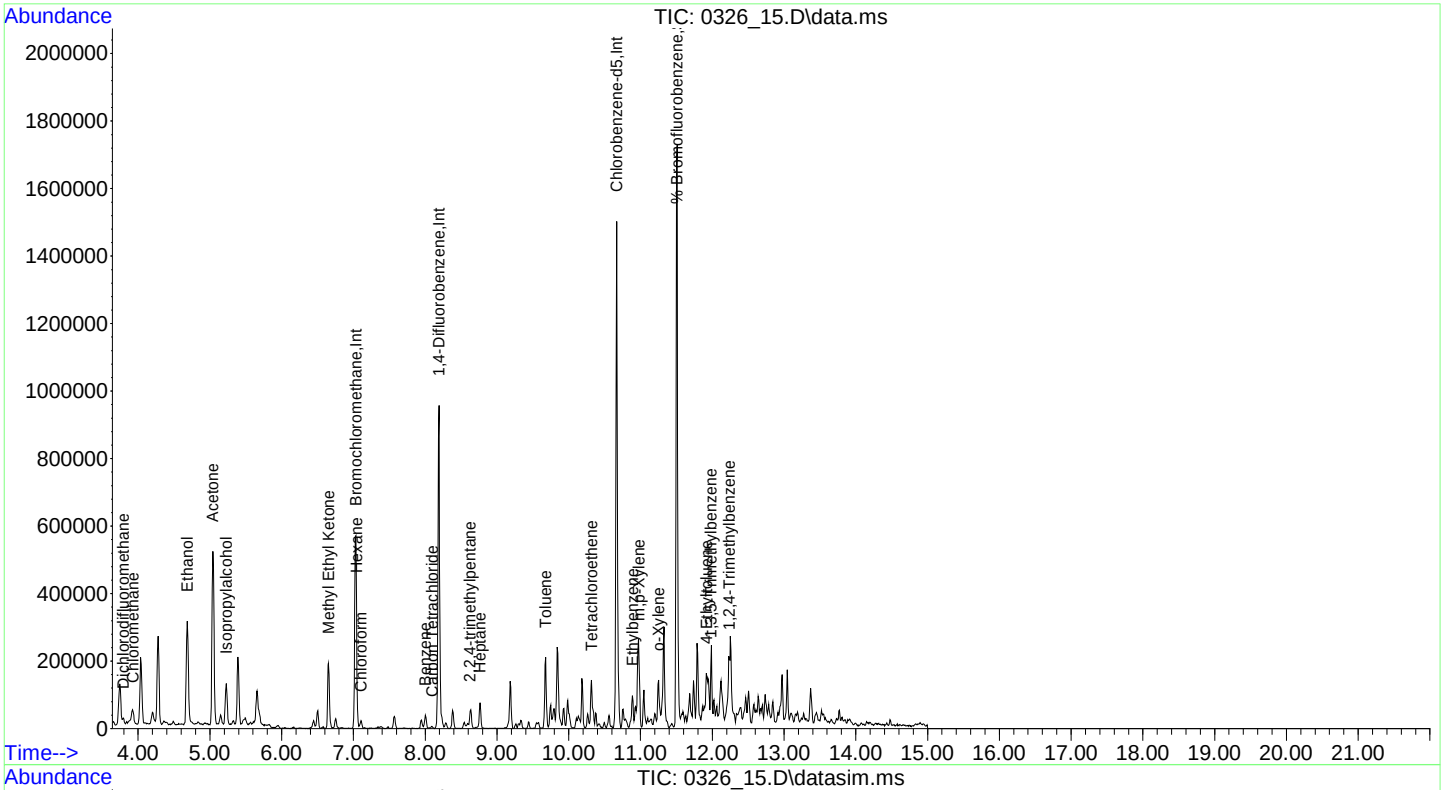
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	182550	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	663613	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	344677	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	206108	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	663613	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	344677	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	415848	10.961	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	23717	0.421	ppbv		97
4) Chloromethane	3.930	50	17484	0.572	ppbv		94
11) Ethanol	4.684	45	372509	22.717	ppbv#		39
12) Acetone	5.041	43	399755	5.496	ppbv#		83
14) Isopropylalcohol	5.228	45	130118	1.652	ppbv#		94
25) Methyl Ethyl Ketone	6.653	43	214521	6.944	ppbv#		93
27) Hexane	7.042	57	16954	0.780	ppbv		88
28) Chloroform	7.104	83	13381	0.391	ppbv		94
33) Benzene	8.002	78	27289	0.594	ppbv#		90
34) Carbon Tetrachloride	8.097	117	2816	0.072	ppbv		93
40) 2,2,4-trimethylpentane	8.625	57	27390	0.325	ppbv#		54
43) Heptane	8.763	43	28437	0.928	ppbv		94
48) Toluene	9.677	91	117715	1.700	ppbv		97
52) Tetrachloroethene	10.318	166	29543	0.715	ppbv		96
56) Ethylbenzene	10.887	91	45134	0.539	ppbv		84
57) m,p-Xylene	10.978	91	113187	1.743	ppbv		100
61) o-Xylene	11.251	91	45634	0.639	ppbv#		88
65) 4-Ethyltoluene	11.919	105	82525	0.824	ppbv		95
66) 1,3,5-Trimethylbenzene	11.979	105	20502	0.254	ppbv#		86
67) 1,2,4-Trimethylbenzene	12.237	105	67462	0.698	ppbv#		87
85] Benzene(sim)	8.002	78	27289	0.525	ppbv#		90
86] Carbon Tetrachloride(sim)	8.091	117	2949	0.071	ppbv		97
92] Chloroform(sim)	7.107	83	15713	0.383	ppbv		98
102] Tetrachloroethene(sim)	10.314	166	35314	0.845	ppbv		92
105] m,p-Xylene(sim)	10.978	91	113187	1.627	ppbv#		88

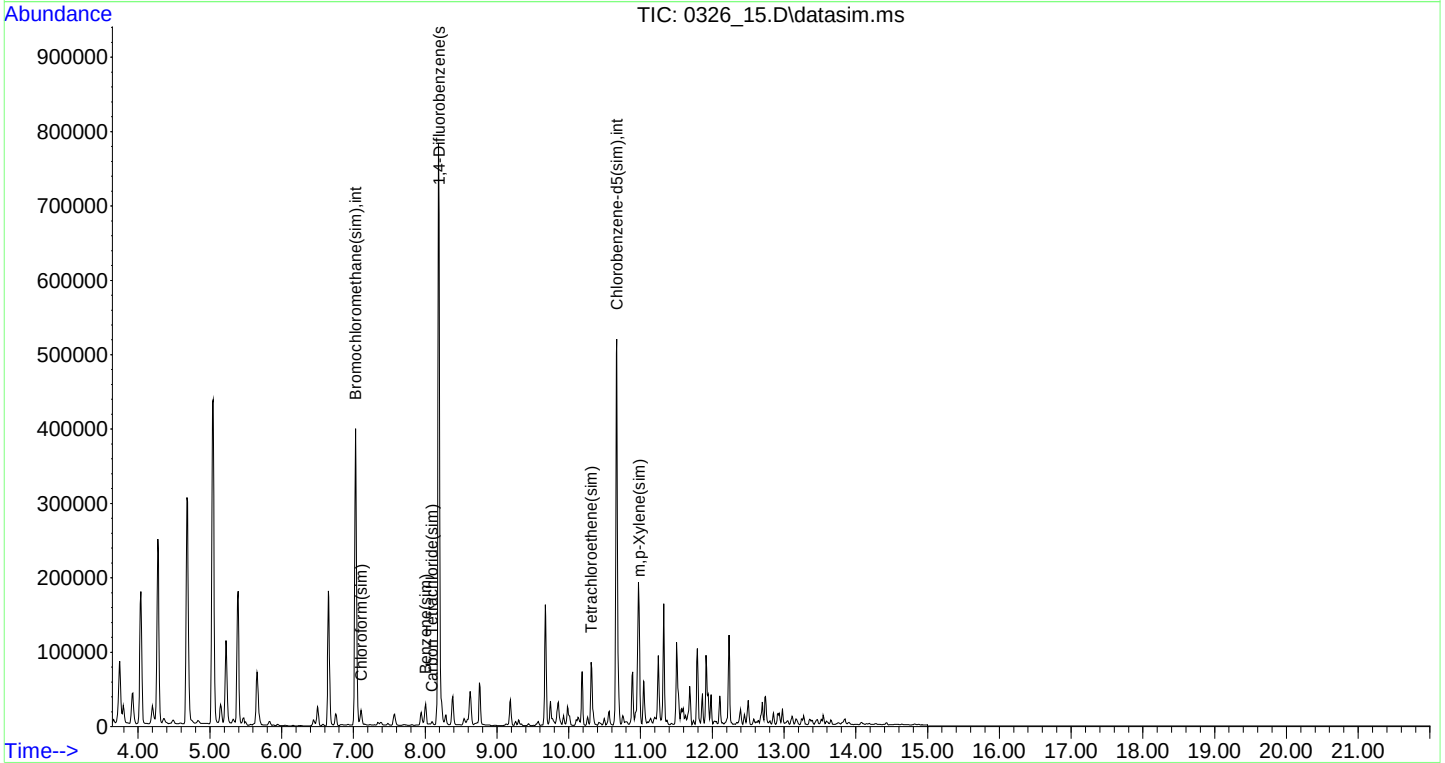
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

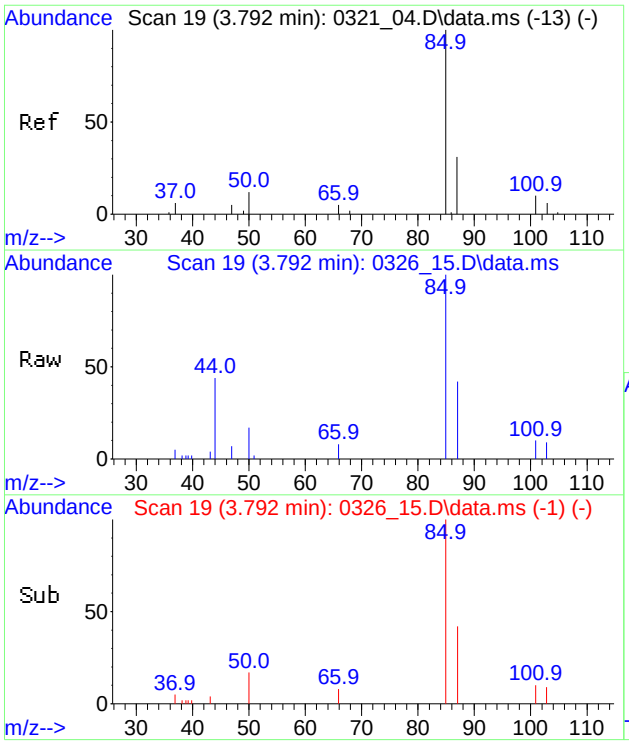
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_15.D
Acq On : 26 Mar 2025 8:53 pm
Operator :
Client ID : OA25-02
Lab ID : CS91410
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 21:29:41 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



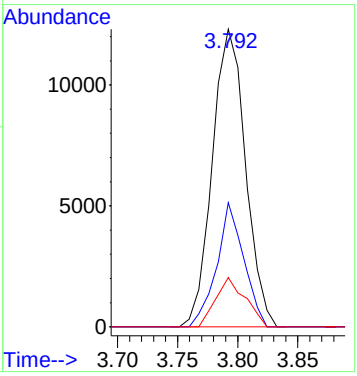


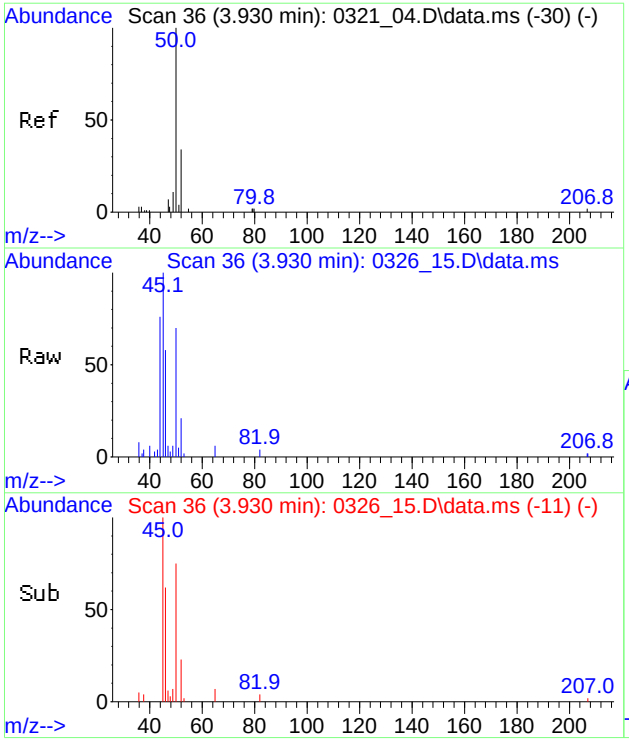


#3
Dichlorodifluoromethane
Conc: 8$ 0.421 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 85 Resp: 23717

Ion	Ratio	Lower	Upper
85	100		
87	34.0	25.8	38.8
50	14.7	10.6	15.8

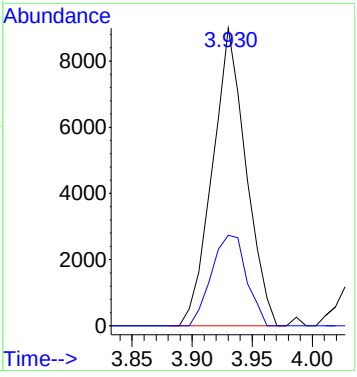


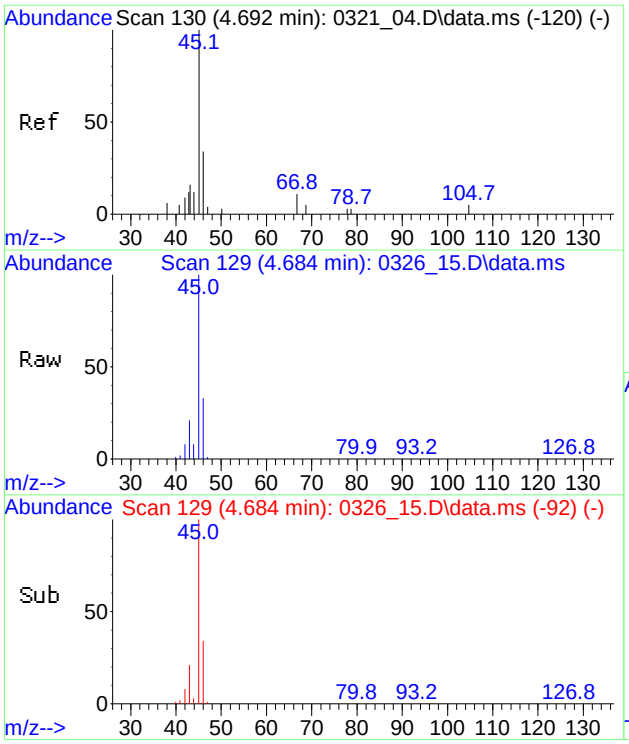


#4
Chloromethane
Conc: 8$ 0.572 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 50 Resp: 17484

Ion	Ratio	Lower	Upper
50	100		
52	31.9	15.5	55.5

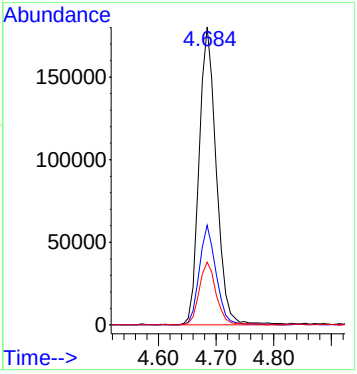


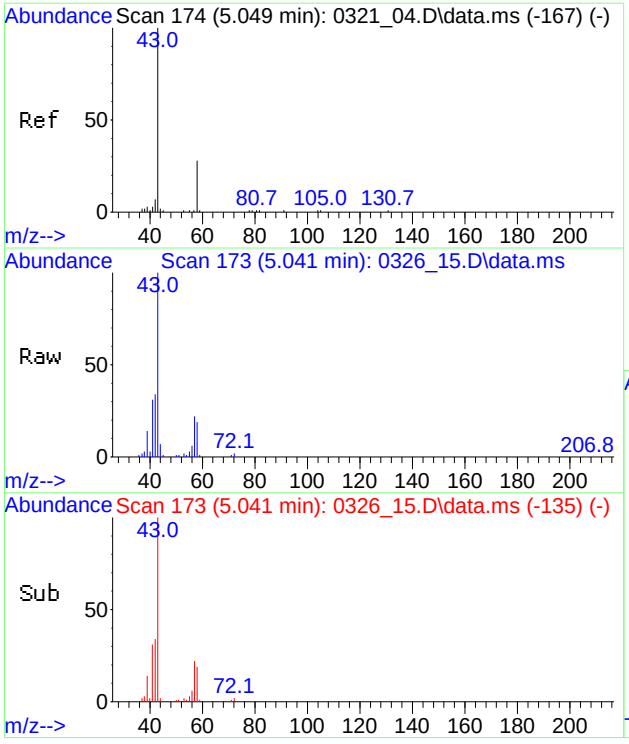


#11
Ethanol
Conc: 8$ 22.717 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 45 Resp: 372509

Ion	Ratio	Lower	Upper
45	100		
46	32.8	0.6	0.8#
43	20.9	0.0	0.0#

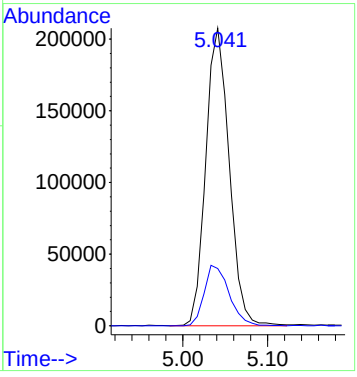


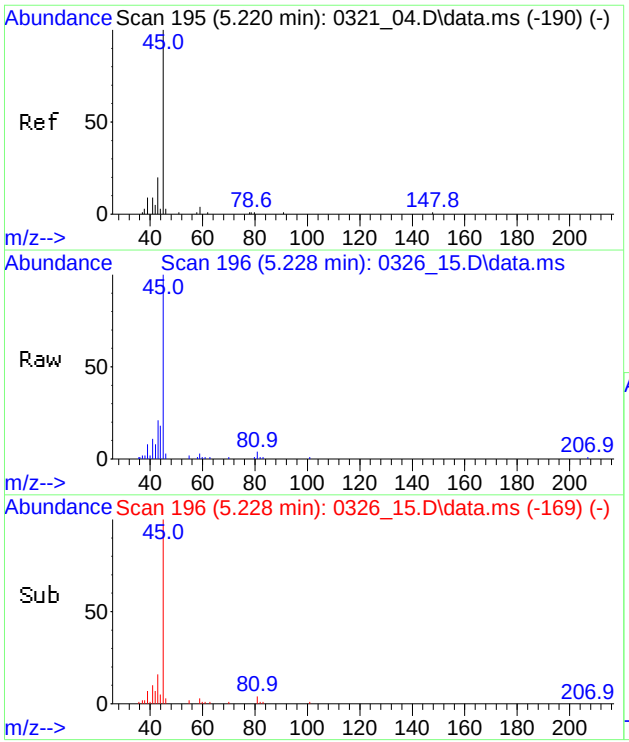


#12
Acetone
Conc: 8$ 5.496 ppbv
RT: 5.041 min Scan# 173
Delta R.T. 0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 43 Resp: 399755

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.2	0.2#

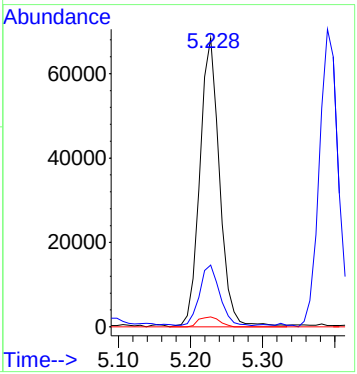


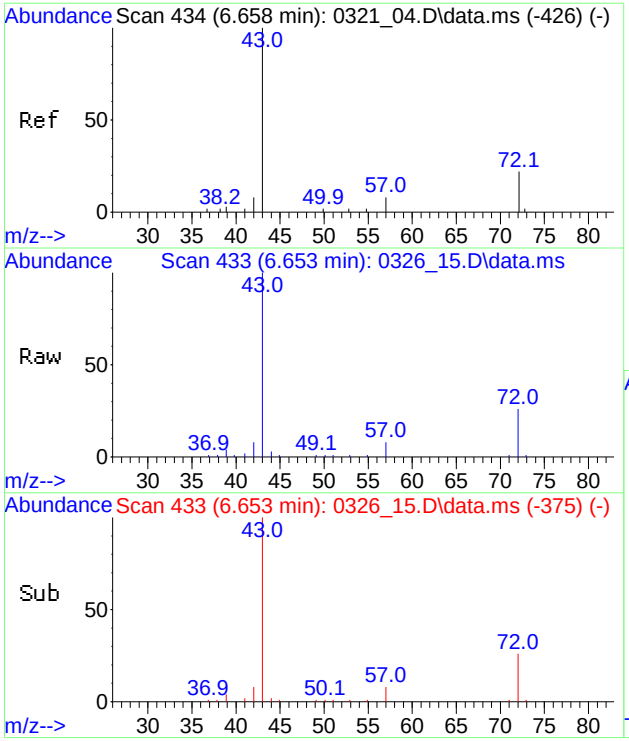


#14
Isopropylalcohol
Conc: 8$ 1.652 ppbv
RT: 5.228 min Scan# 196
Delta R.T. 0.016 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 45 Resp: 130118

Ion	Ratio	Lower	Upper
45	100		
43	21.1	0.0	0.0#
59	3.7	0.6	1.0#

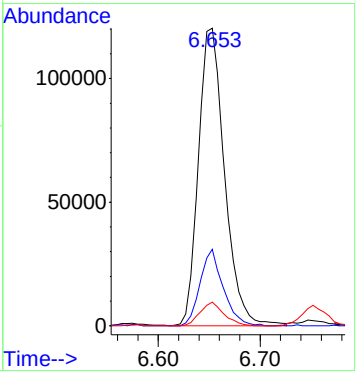


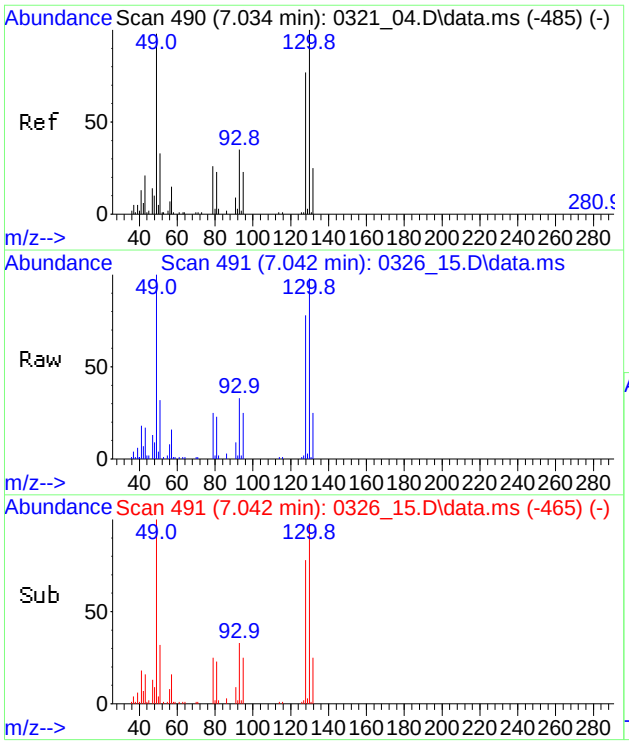


#25
Methyl Ethyl Ketone
Conc: 8$ 6.944 ppbv
RT: 6.653 min Scan# 433
Delta R.T. 0.005 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 43 Resp: 214521

Ion	Ratio	Lower	Upper
43	100		
72	22.7	0.0	0.0#
57	7.3	0.2	0.4#

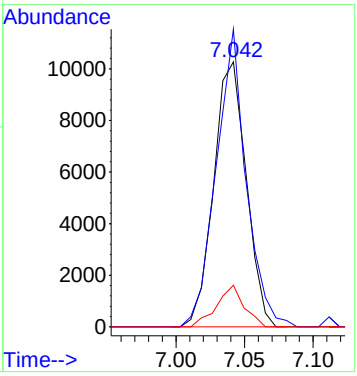


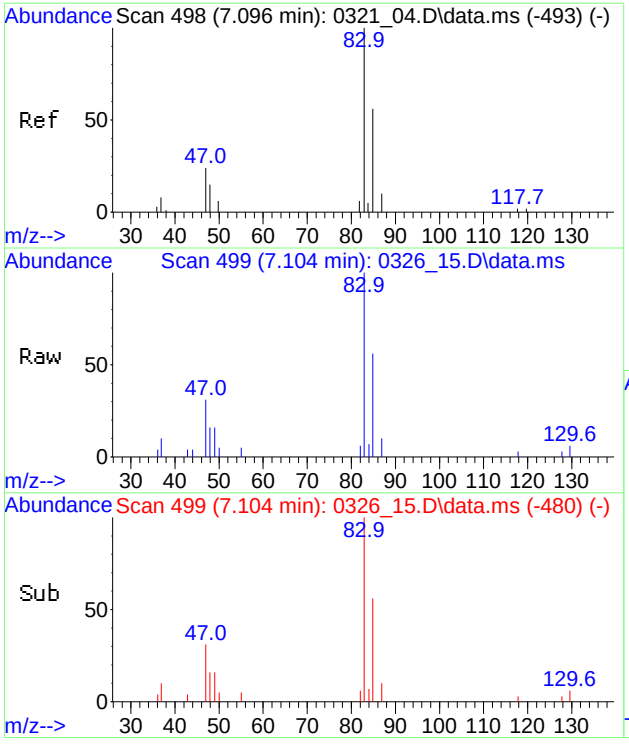


#27
Hexane
Conc: 8$ 0.780 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 57 Resp: 16954

Ion	Ratio	Lower	Upper
57	100		
41	103.5	73.0	109.6
86	13.2	9.8	14.8

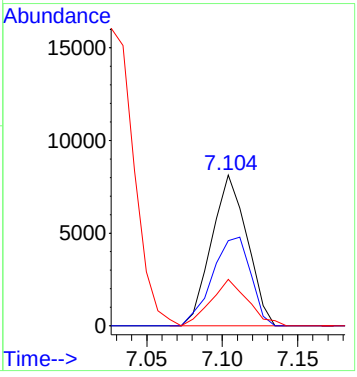


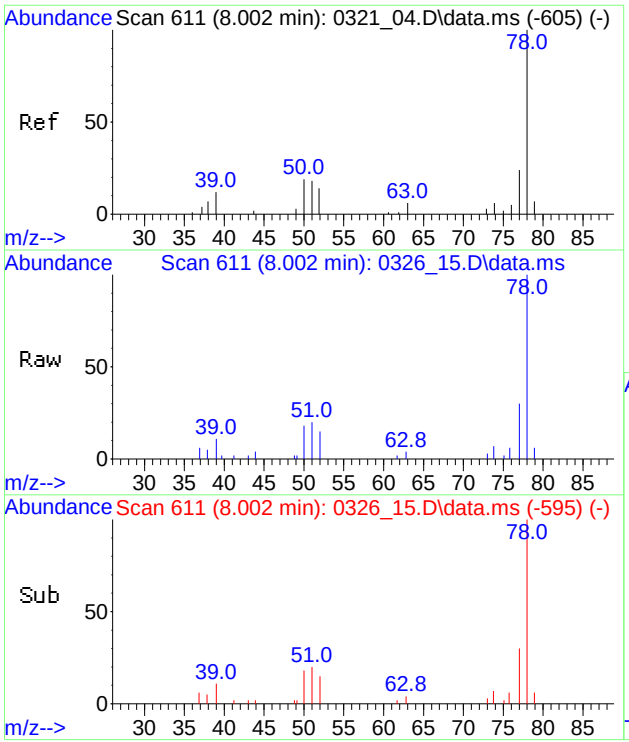


#28
Chloroform
Conc: 8$ 0.391 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 83 Resp: 13381

Ion	Ratio	Lower	Upper
83	100		
85	63.1	39.7	79.7
47	31.9	7.3	47.3

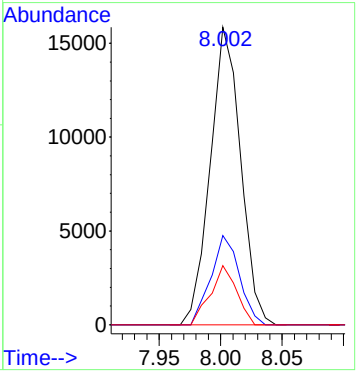


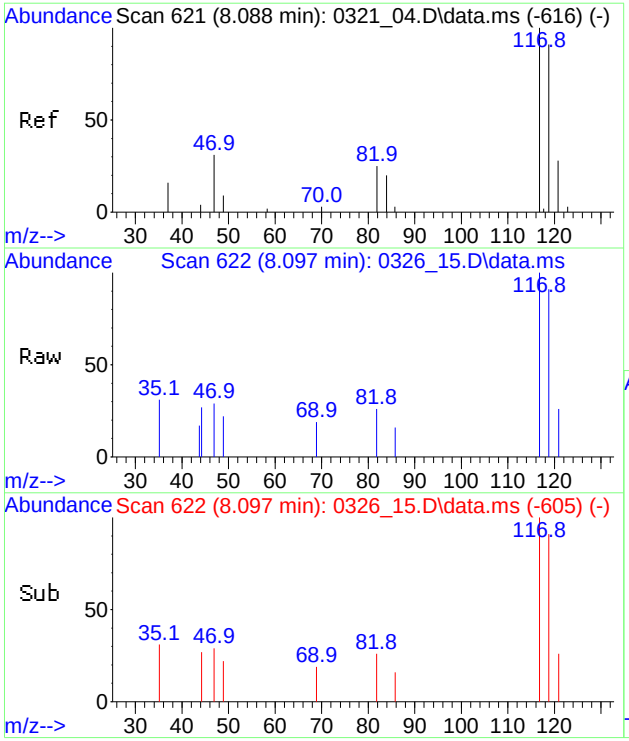


#33
Benzene
Conc: 8$ 0.594 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 78 Resp: 27289

Ion	Ratio	Lower	Upper
78	100		
77	28.1	17.4	26.0#
51	17.2	15.8	23.6

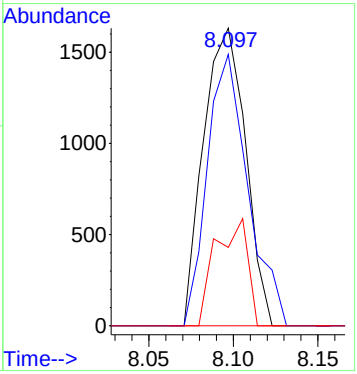


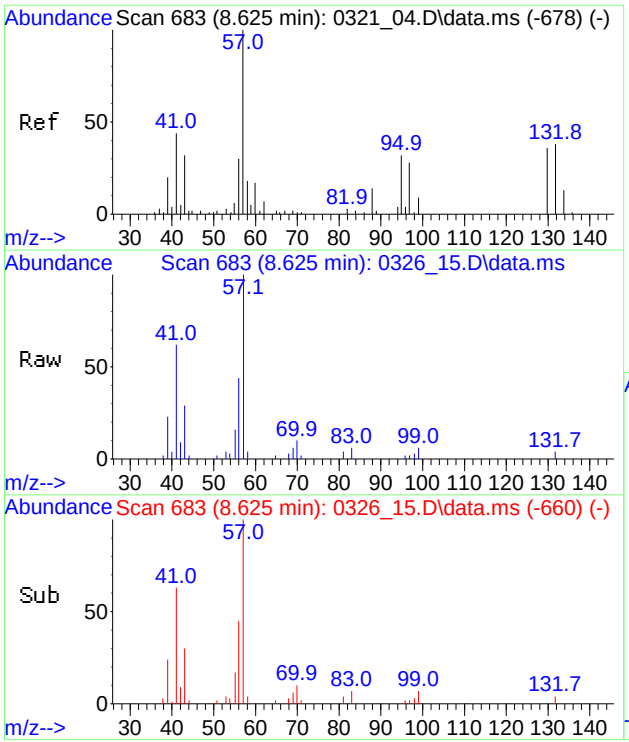


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:117 Resp: 2816

Ion	Ratio	Lower	Upper
117	100		
119	88.1	74.9	114.9
121	27.5	11.2	51.2

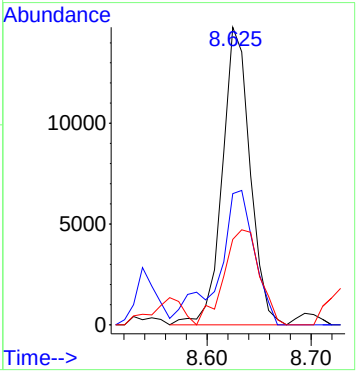


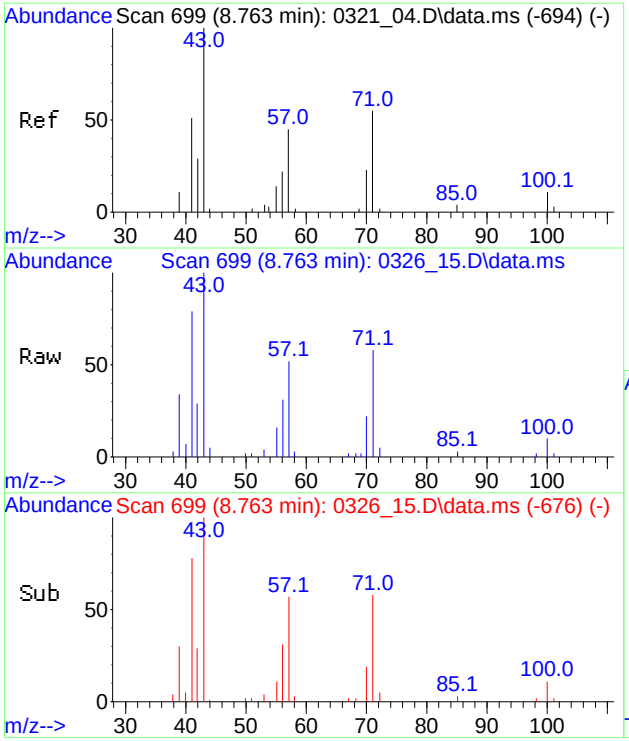


#40
2,2,4-trimethylpentane
Conc: 8$ 0.325 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 57 Resp: 27390

Ion	Ratio	Lower	Upper
57	100		
56	59.1	22.0	33.0#
43	41.3	20.4	30.6#

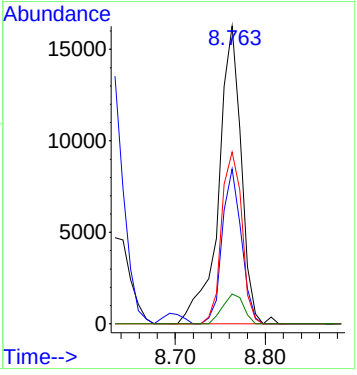


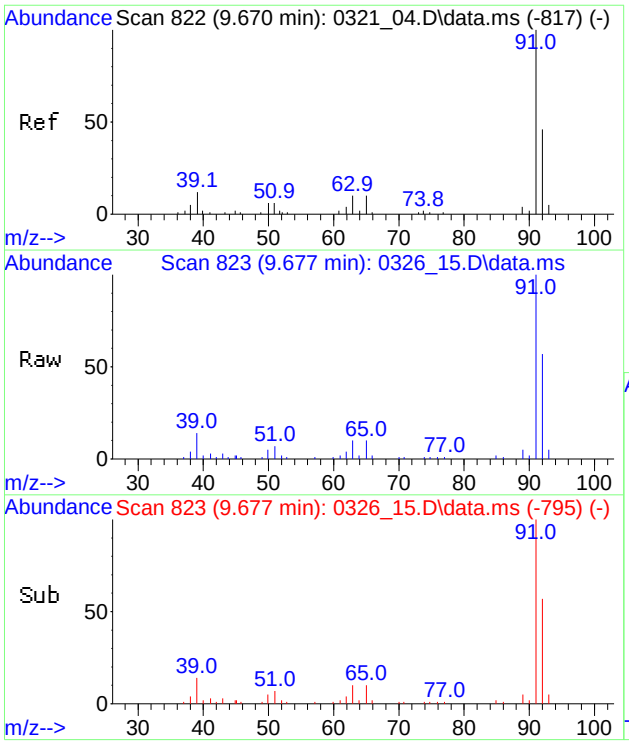


#43
Heptane
Conc: 8$ 0.928 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 43 Resp: 28437

Ion	Ratio	Lower	Upper
43	100		
57	43.8	39.4	59.0
71	51.5	44.5	66.7
100	9.2	8.2	12.2

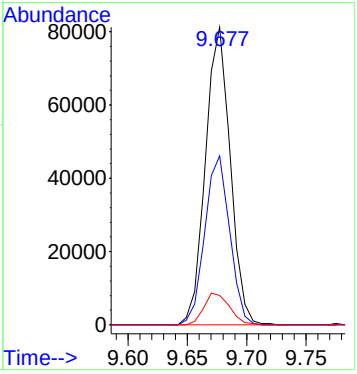


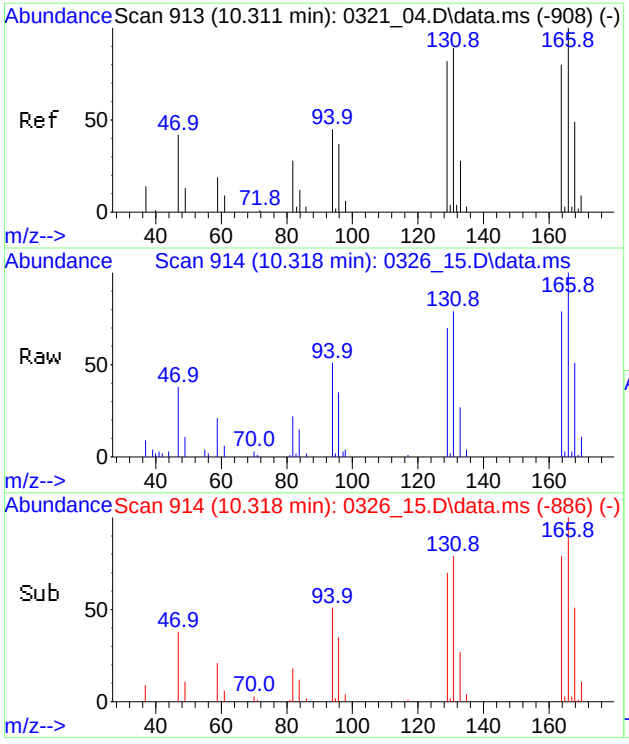


#48
Toluene
Conc: 8$ 1.700 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 91 Resp: 117715

Ion	Ratio	Lower	Upper
91	100		
92	56.8	43.8	65.8
65	11.1	10.6	16.0

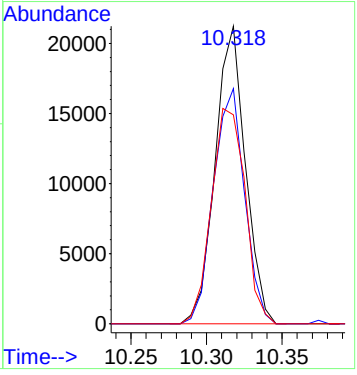


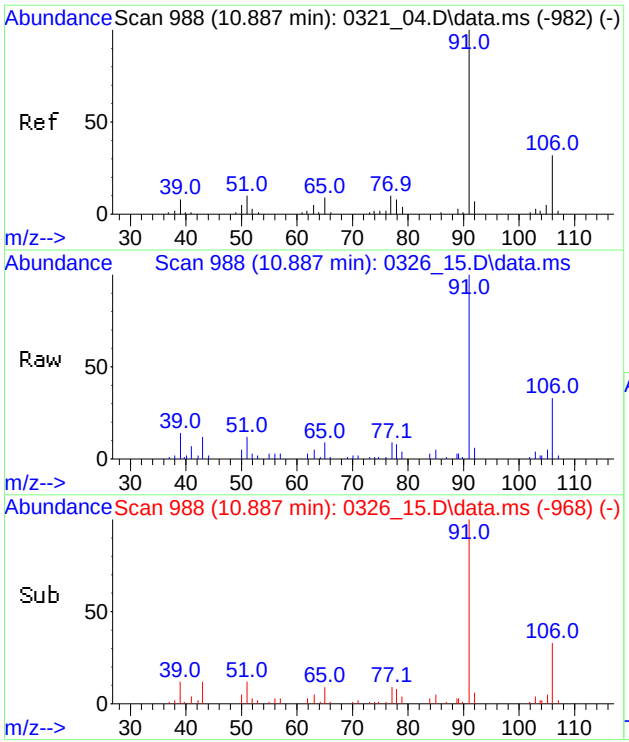


#52
Tetrachloroethene
Conc: 8$ 0.715 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:166 Resp: 29543

Ion	Ratio	Lower	Upper
166	100		
164	81.6	63.4	95.2
129	80.6	68.4	102.6

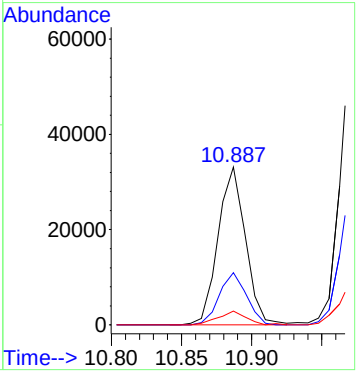


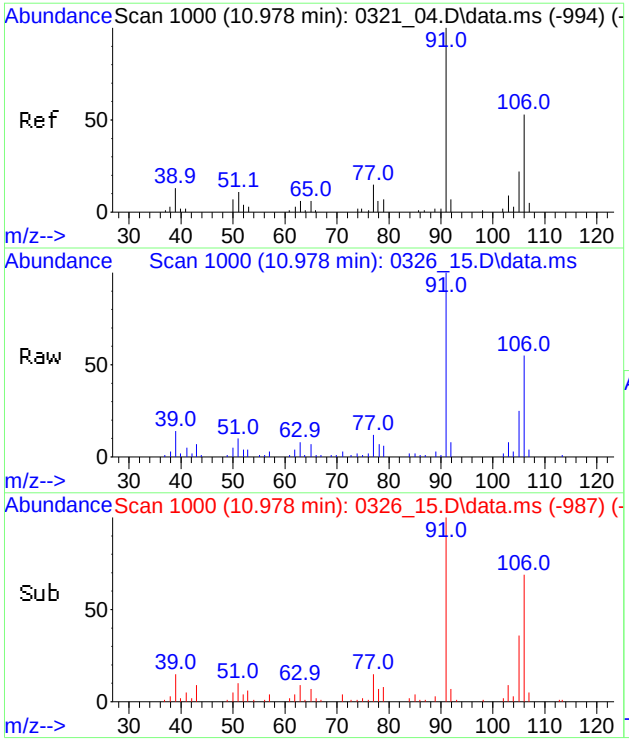


#56
Ethylbenzene
Conc: 8$ 0.539 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 91 Resp: 45134

Ion	Ratio	Lower	Upper
91	100		
106	32.8	24.0	64.0
77	9.1	0.0	33.4

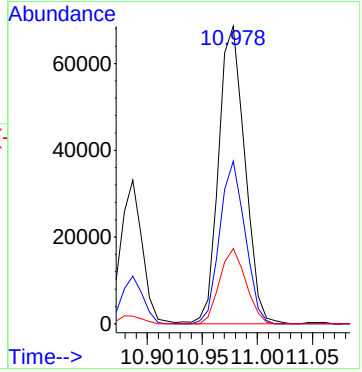


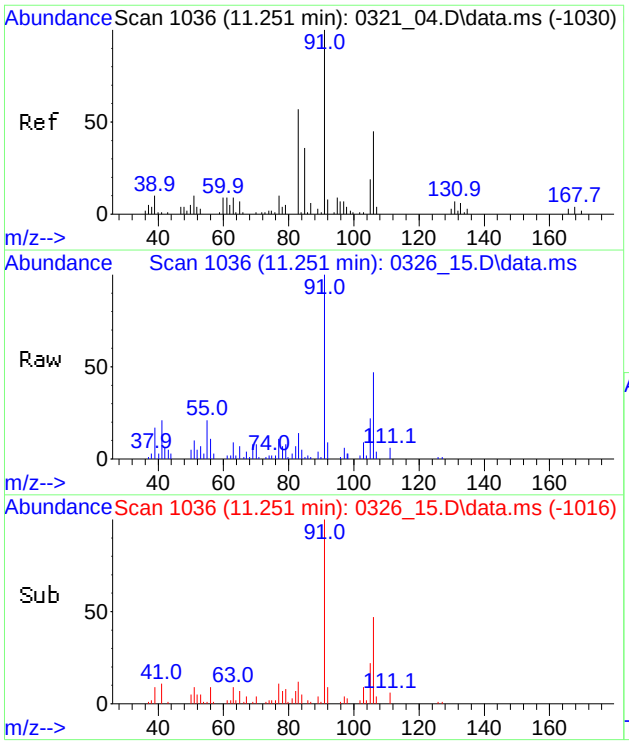


#57
m,p-Xylene
Conc: 8$ 1.743 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 91 Resp: 113187

Ion	Ratio	Lower	Upper
91	100		
106	52.9	0.0	0.0#
105	25.3	0.0	0.0#

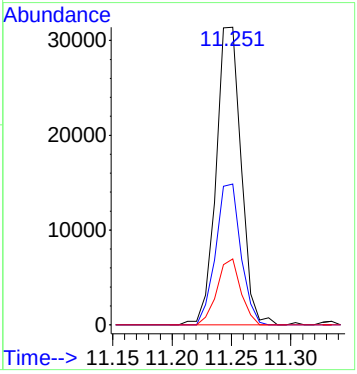


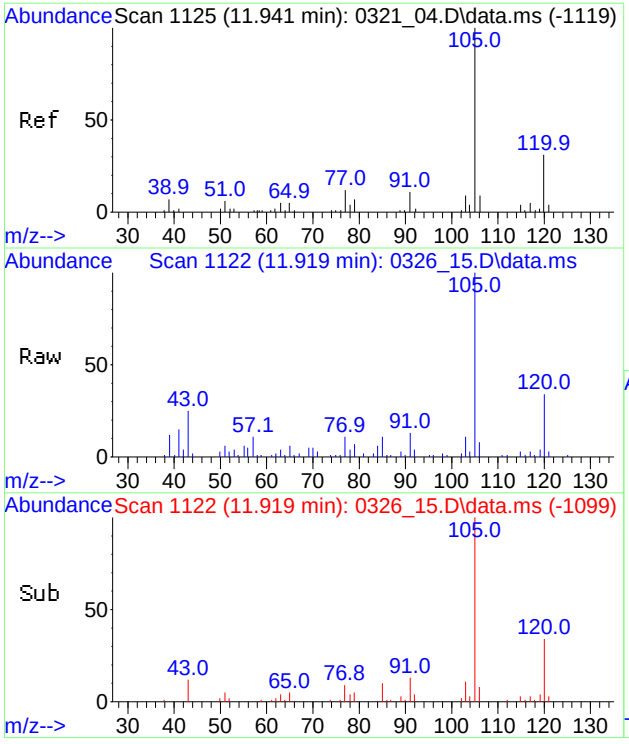


#61
o-Xylene
Conc: 8$ 0.639 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 91 Resp: 45634

Ion	Ratio	Lower	Upper
91	100		
106	47.6	31.7	47.5#
105	21.1	13.4	20.0#

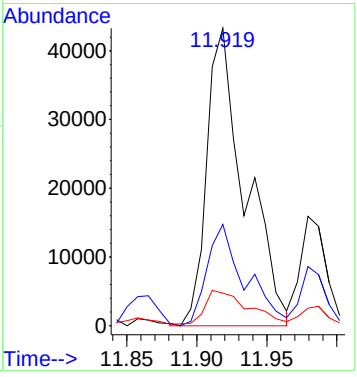


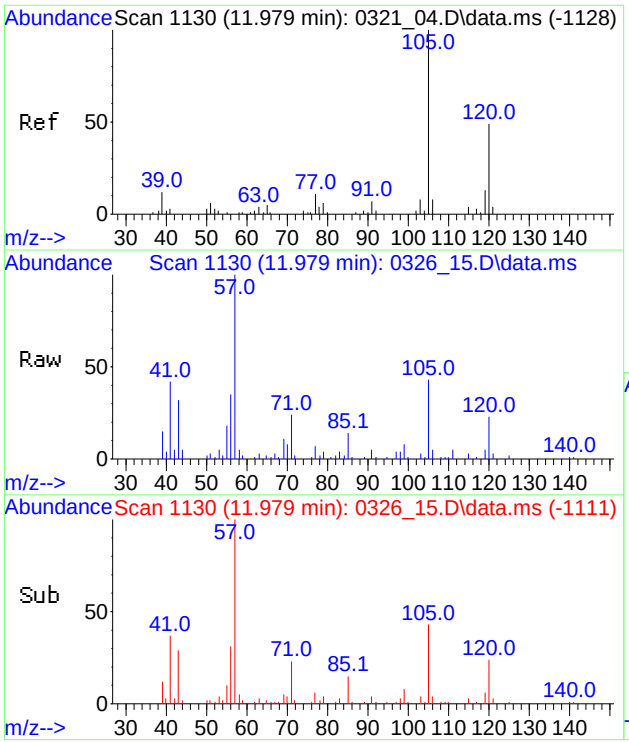


#65
4-Ethyltoluene
Conc: 8$ 0.824 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:105 Resp: 82525

Ion	Ratio	Lower	Upper
105	100		
120	34.0	30.2	45.4
77	13.2	10.5	15.7

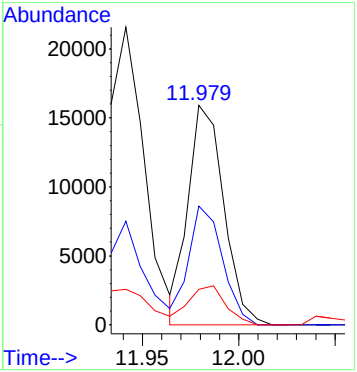


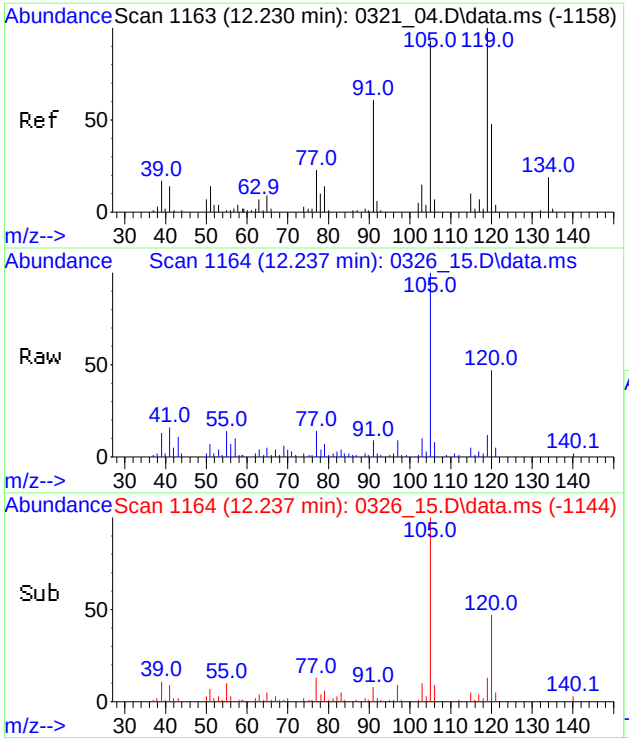


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.254 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:105 Resp: 20502

Ion	Ratio	Lower	Upper
105	100		
120	51.3	0.0	0.0#
77	18.5	0.2	0.2#

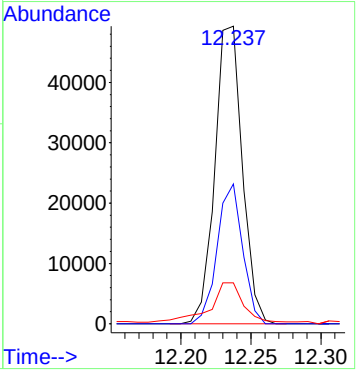


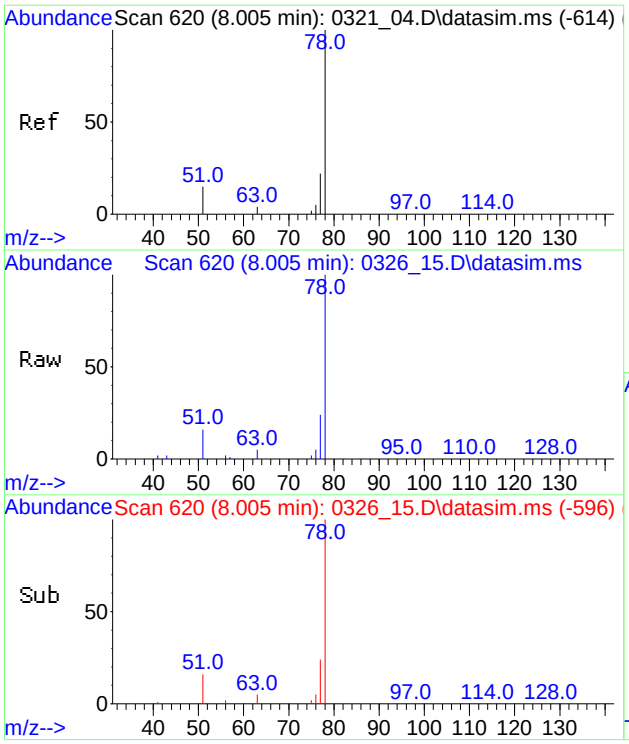


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.698 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:105 Resp: 67462

Ion	Ratio	Lower	Upper
105	100		
120	43.5	39.4	59.2
77	18.7	23.9	35.9#

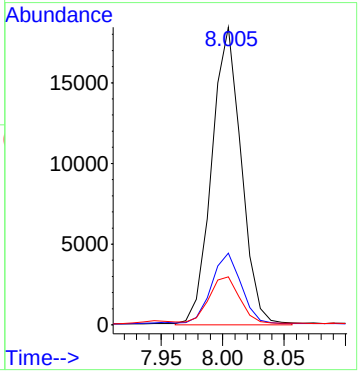


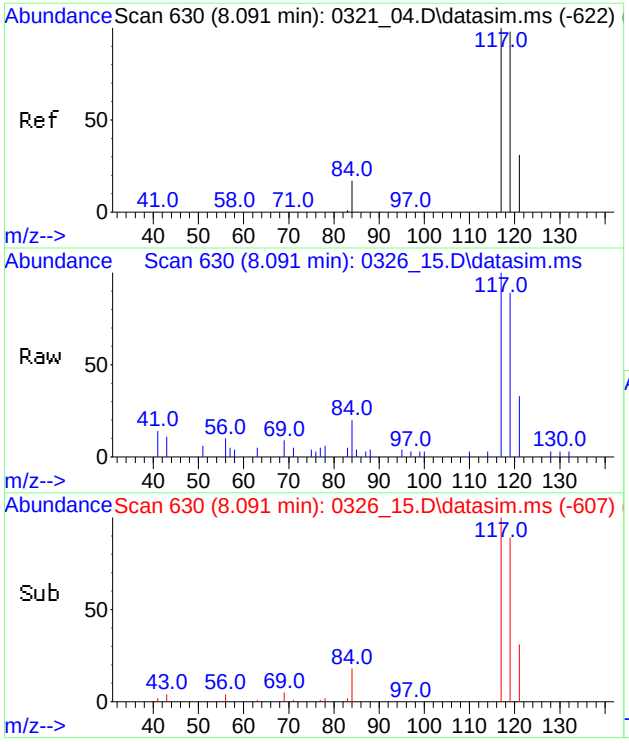


#85
Benzene(sim)
Conc: 8$ 0.525 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 78 Resp: 27289

Ion	Ratio	Lower	Upper
78	100		
77	28.1	17.4	26.0#
51	17.2	15.8	23.6

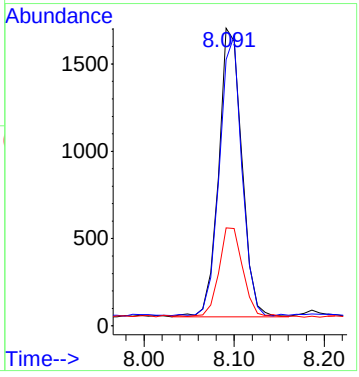


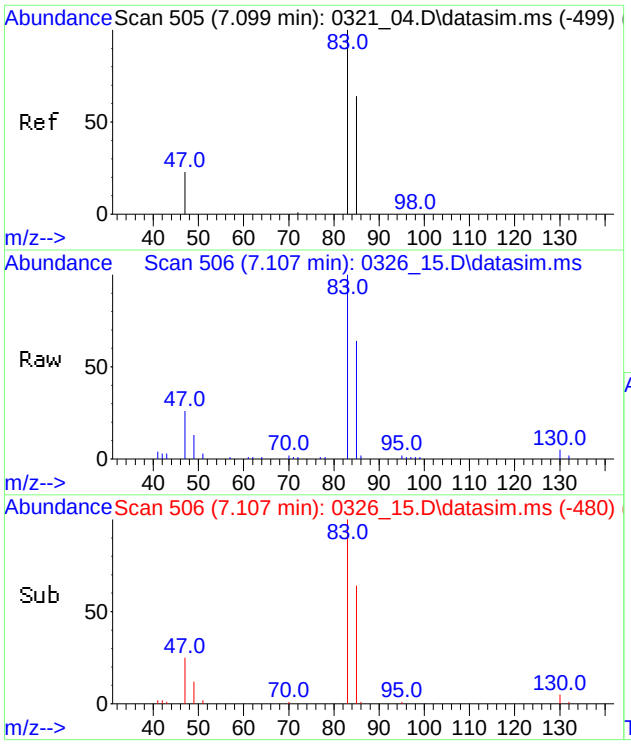


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.071 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:117 Resp: 2949

Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	115.0
121	32.3	24.2	36.4

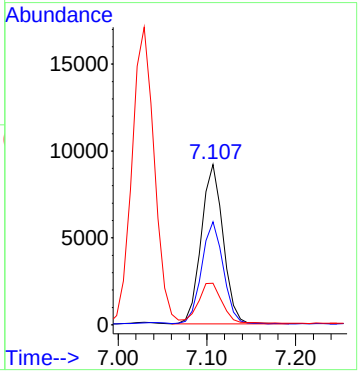


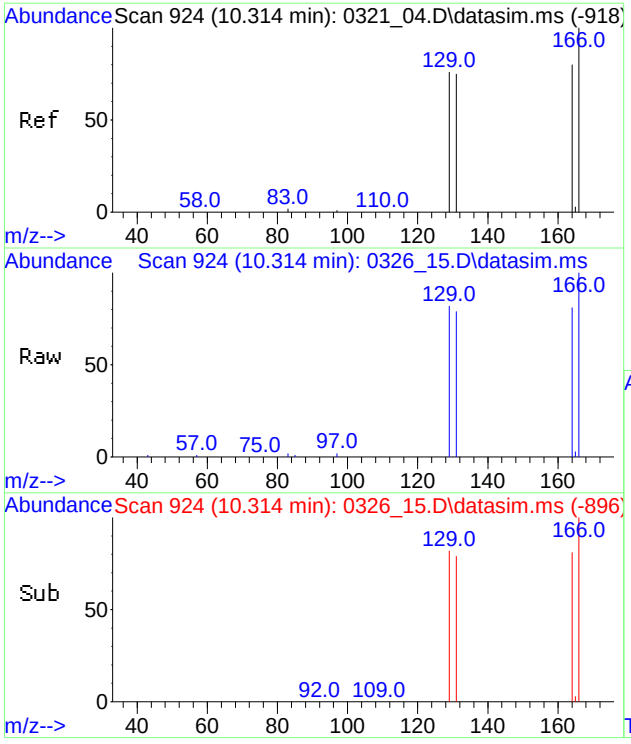


#92
Chloroform(sim)
Conc: 8$ 0.383 ppbv
RT: 7.107 min Scan# 506
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 83 Resp: 15713

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.2	78.2
47	28.2	24.2	36.4

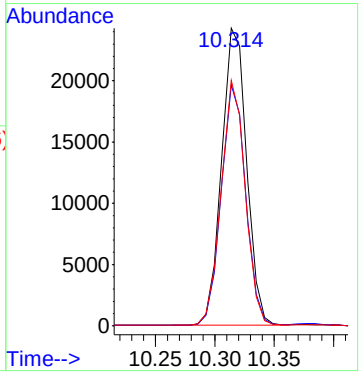


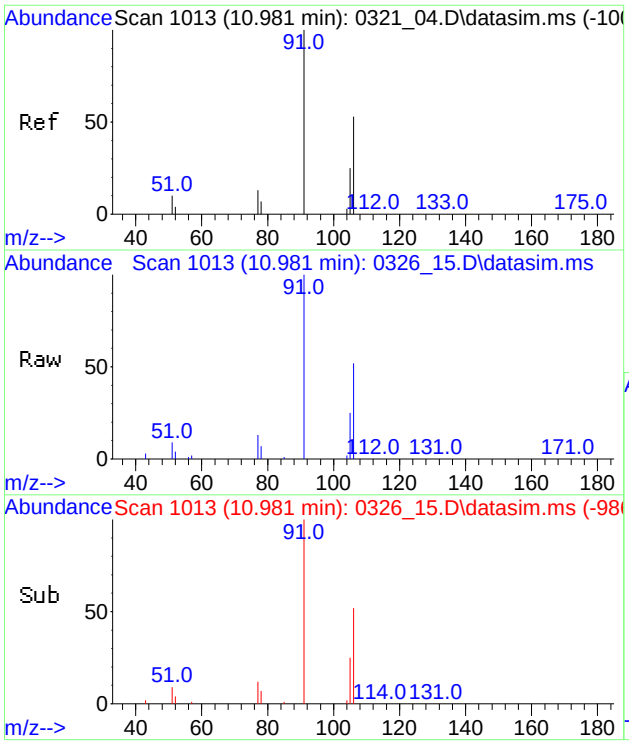


#102
Tetrachloroethene(sim)
Conc: 8$ 0.845 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion:166 Resp: 35314

Ion	Ratio	Lower	Upper
166	100		
164	79.1	54.6	94.6
129	80.8	52.2	92.2

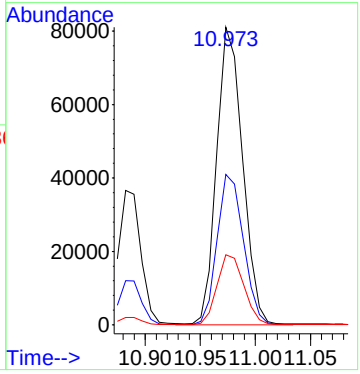




#105
m,p-Xylene(sim)
Conc: 8$ 1.627 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0326_15.D
Acq: 26 Mar 2025 8:53 pm

Tgt Ion: 91 Resp: 113187

Ion	Ratio	Lower	Upper
91	100		
106	52.9	39.6	48.4#
105	25.3	16.6	24.8#



AIR ANALYSIS DATA SHEET

CLIENT ID: OA25-01

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91411

Canister: 465 Lab File ID: 0326_16.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.459		0.202	0.202	r
74-87-3	Chloromethane	0.593		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	18.4	S	0.531	0.531	r
67-64-1	Acetone	5.32	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.70	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	6.53		0.339	0.339	r
110-54-3	Hexane	1.34	S	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
71-43-2	Benzene	0.963		0.313	0.313	r
110-82-7	Cyclohexane	1.12		0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.452		0.215	0.215	r
142-82-5	Heptane	2.00		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	3.00		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.698		0.037	0.037	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
100-41-4	Ethylbenzene	1.10		0.230	0.230	r
179601-23-1	m,p-Xylene	3.36		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.23		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.59		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.459		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.21		0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	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:	ROCKENVIRO		Lab:	Phoenix Env. Labs	OA25-01
SDG No.:	GCS91392			Lab Sample ID:	CS91411
Canister:	465			Lab File ID:	0326_16.D
Instrument:	CHEM20	Column: RTX-1 60M		Date Received:	03/26/25
Purge Volume	200 (cc)			Date Analyzed:	03/26/25
Matrix:	AIR			Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.069		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_16.D
Acq On : 26 Mar 2025 9:29 pm
Operator :
Client ID : OA25-01
Lab ID : CS91411
ALS Vial : 8 Sample Multiplier: 1

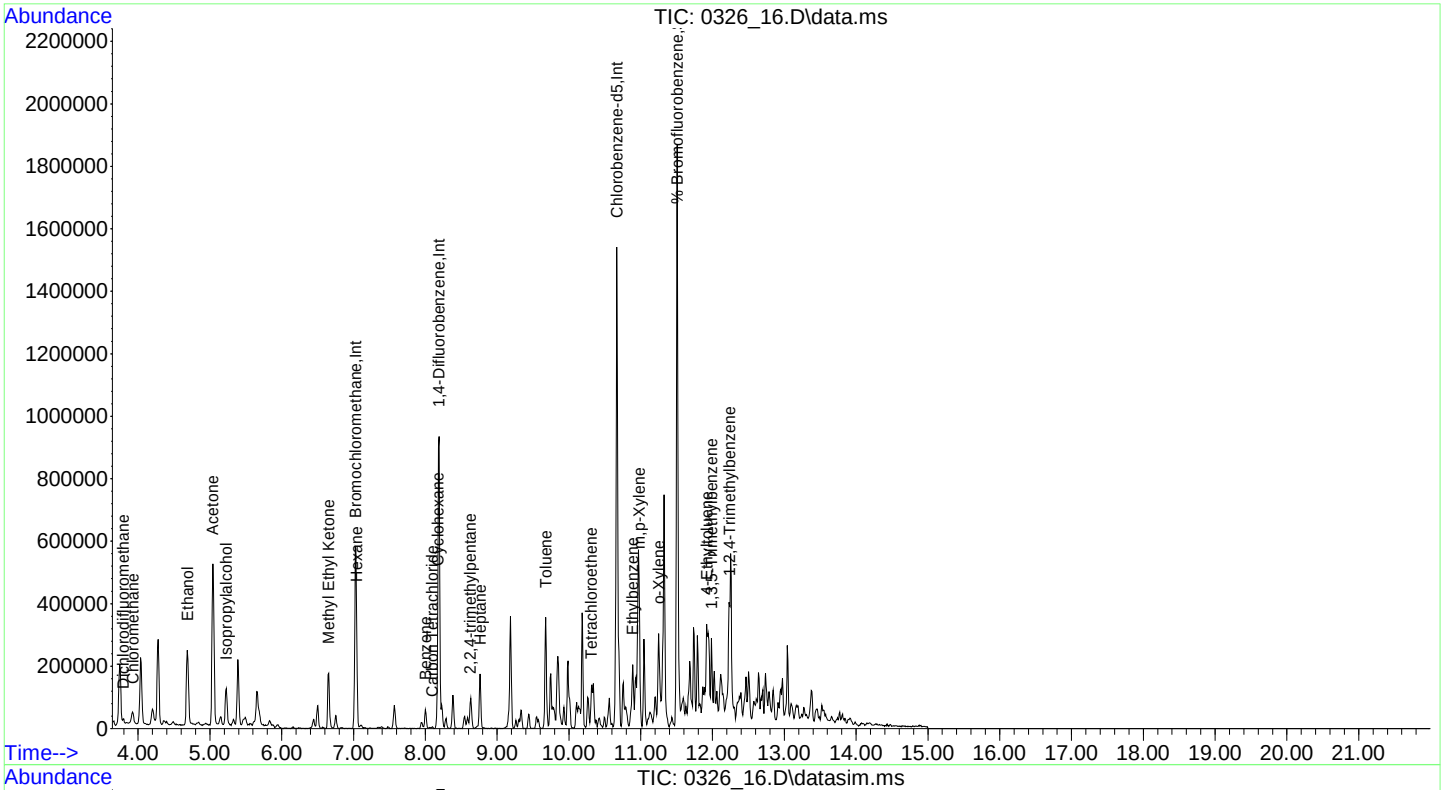
Quant Time: Mar 27 05:24:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

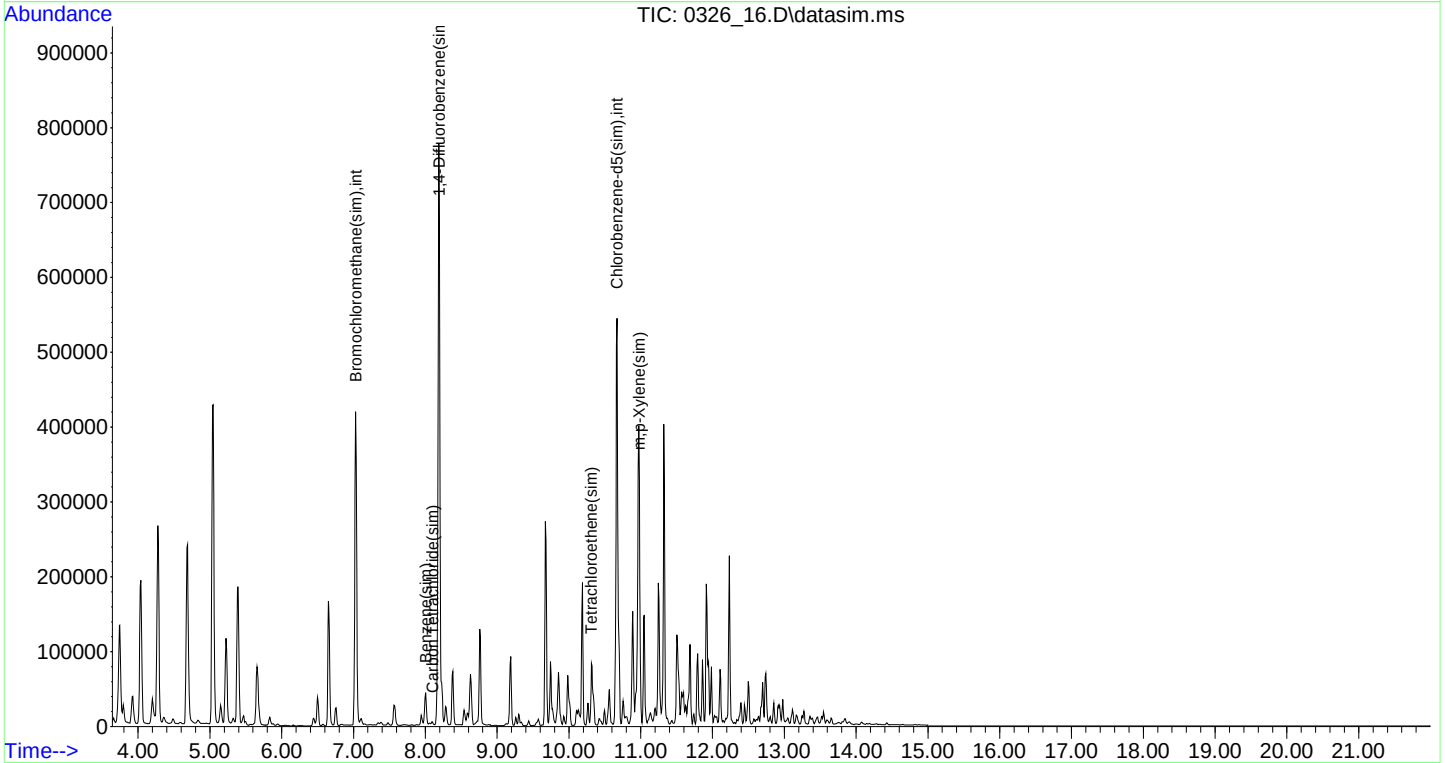
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	177191	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	654684	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	356058	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	201963	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	654684	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	356058	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	425133	10.847	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	25086	0.459	ppbv		96
4) Chloromethane	3.930	50	17592	0.593	ppbv		88
11) Ethanol	4.684	45	292853	18.400	ppbv#		40
12) Acetone	5.041	43	375456	5.318	ppbv#		84
14) Isopropylalcohol	5.228	45	129701	1.697	ppbv#		94
25) Methyl Ethyl Ketone	6.653	43	195902	6.533	ppbv#		92
27) Hexane	7.042	57	28238	1.339	ppbv		91
33) Benzene	8.002	78	42937	0.963	ppbv		93
34) Carbon Tetrachloride	8.097	117	2309	0.061	ppbv		87
35) Cyclohexane	8.175	84	21084	1.123	ppbv		94
40) 2,2,4-trimethylpentane	8.625	57	37651	0.452	ppbv#		49
43) Heptane	8.763	43	60615	2.004	ppbv		94
48) Toluene	9.677	91	205097	3.003	ppbv#		98
52) Tetrachloroethene	10.311	166	28458	0.698	ppbv		97
56) Ethylbenzene	10.887	91	94638	1.095	ppbv		83
57) m,p-Xylene	10.978	91	225181	3.356	ppbv		100
61) o-Xylene	11.251	91	90795	1.231	ppbv#		88
65) 4-Ethyltoluene	11.918	105	164524	1.591	ppbv		93
66) 1,3,5-Trimethylbenzene	11.987	105	38376	0.459	ppbv#		91
67) 1,2,4-Trimethylbenzene	12.237	105	120767	1.210	ppbv#		85
85] Benzene(sim)	8.002	78	42937	0.844	ppbv		93
86] Carbon Tetrachloride(sim)	8.100	117	2815	0.069	ppbv		95
102] Tetrachloroethene(sim)	10.314	166	35004	0.849	ppbv		93
105] m,p-Xylene(sim)	10.978	91	225181	3.133	ppbv#		90

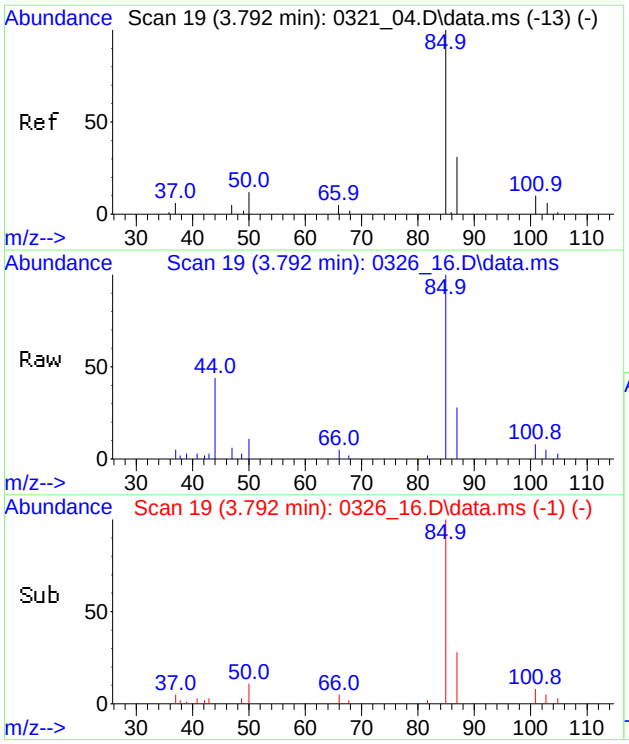
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_16.D
Acq On : 26 Mar 2025 9:29 pm
Operator :
Client ID : OA25-01
Lab ID : CS91411
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 27 05:24:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



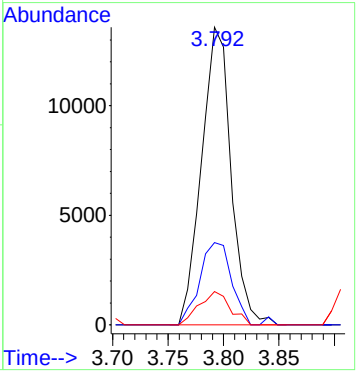


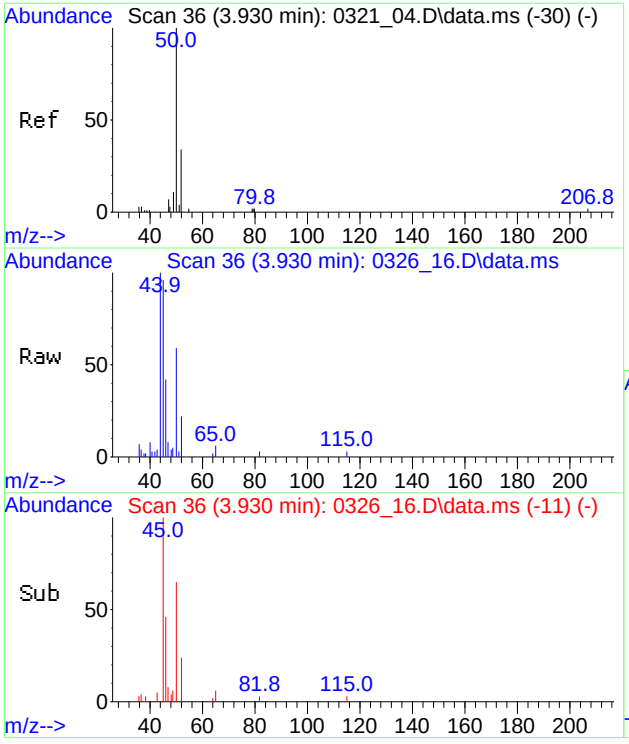


#3
Dichlorodifluoromethane
Conc: 8$ 0.459 ppbv
RT: 3.792 min Scan# 19
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 85 Resp: 25086

Ion	Ratio	Lower	Upper
85	100		
87	29.8	25.8	38.8
50	11.8	10.6	15.8

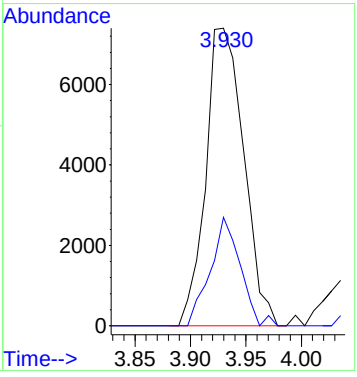


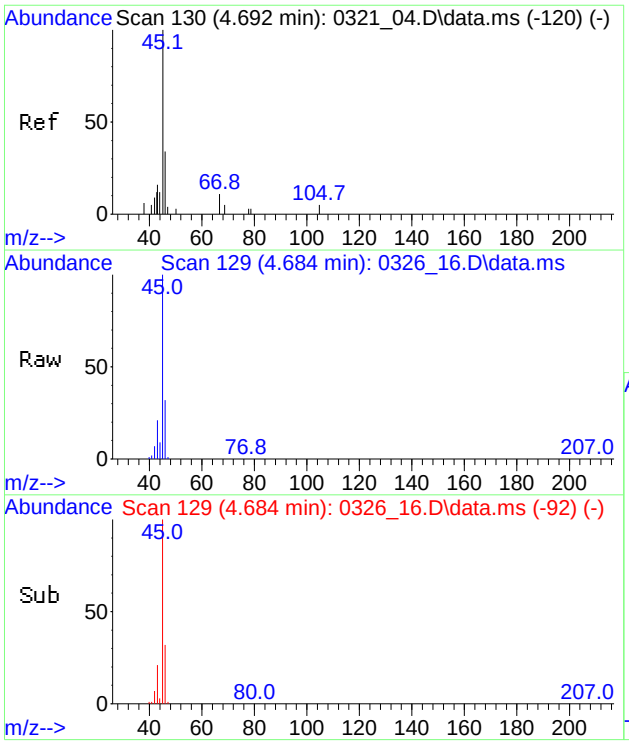


#4
Chloromethane
Conc: 8$ 0.593 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 50 Resp: 17592

Ion	Ratio	Lower	Upper
50	100		
52	28.7	15.5	55.5

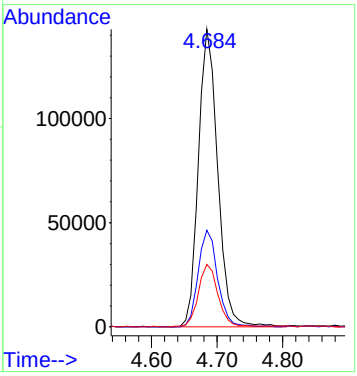


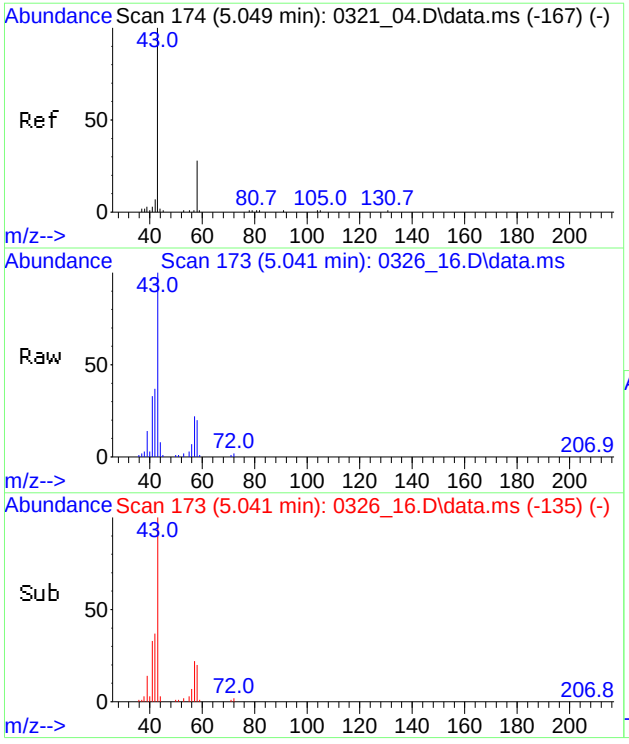


#11
Ethanol
Conc: 8$ 18.400 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 45 Resp: 292853

Ion	Ratio	Lower	Upper
45	100		
46	32.7	0.6	0.8#
43	21.5	0.0	0.0#

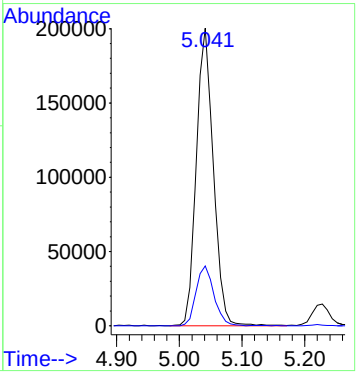


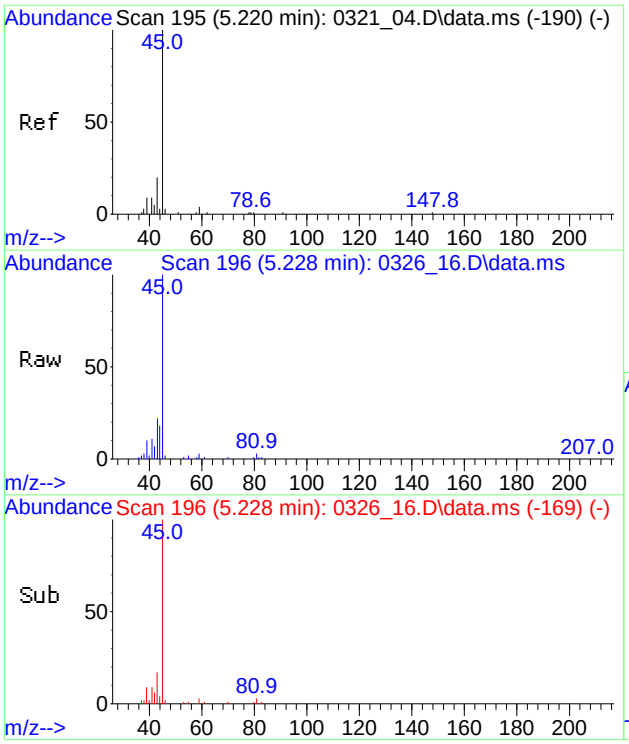


#12
Acetone
Conc: 8$ 5.318 ppbv
RT: 5.041 min Scan# 173
Delta R.T. 0.008 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 43 Resp: 375456

Ion	Ratio	Lower	Upper
43	100		
58	21.1	0.2	0.2#

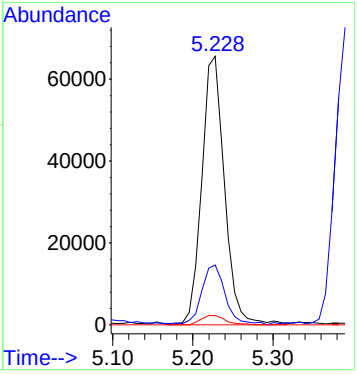


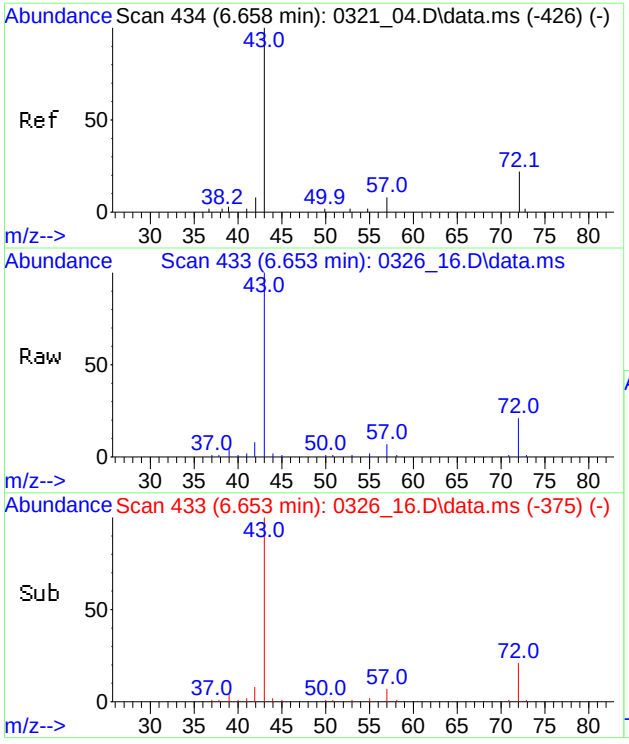


#14
Isopropylalcohol
Conc: 8$ 1.697 ppbv
RT: 5.228 min Scan# 196
Delta R.T. 0.016 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 45 Resp: 129701

Ion	Ratio	Lower	Upper
45	100		
43	23.2	0.0	0.0#
59	3.8	0.6	1.0#

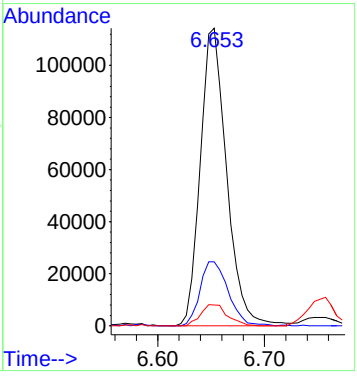


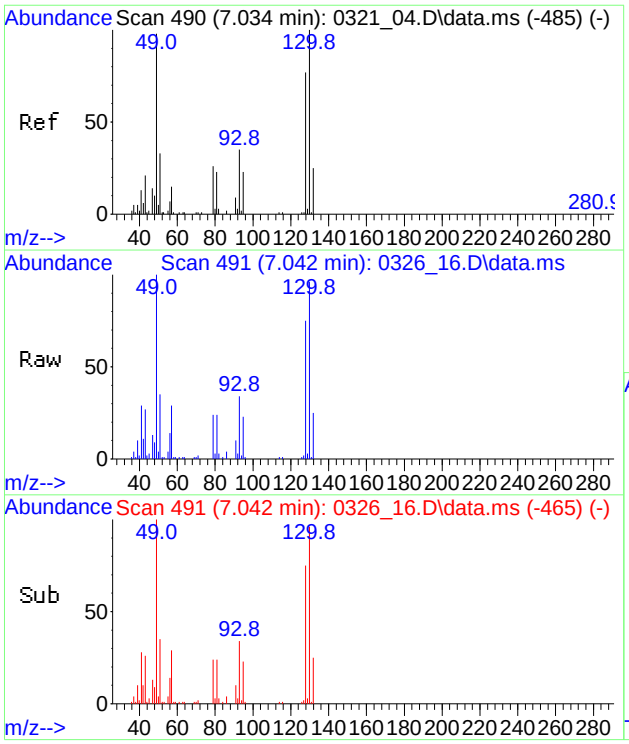


#25
Methyl Ethyl Ketone
Conc: 8$ 6.533 ppbv
RT: 6.653 min Scan# 433
Delta R.T. 0.005 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 43 Resp: 195902

Ion	Ratio	Lower	Upper
43	100		
72	23.0	0.0	0.0#
57	7.3	0.2	0.4#

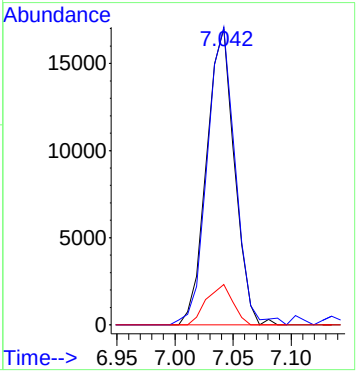


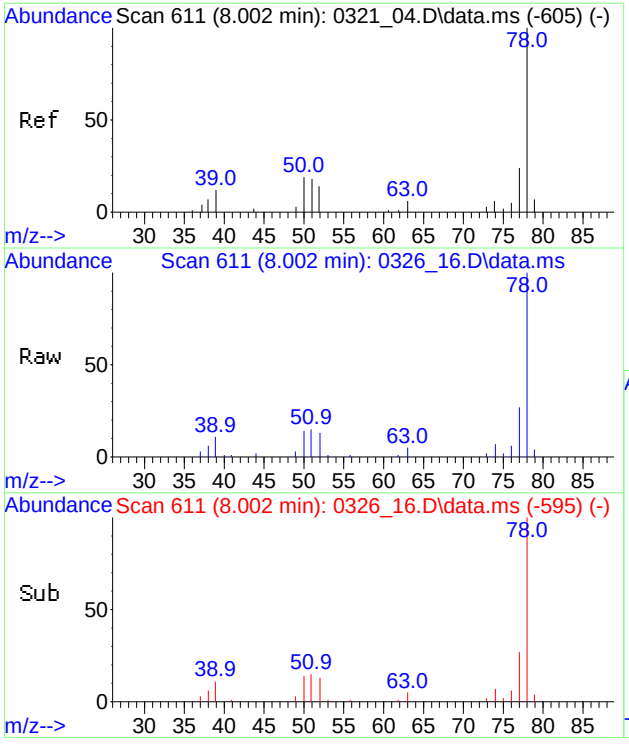


#27
Hexane
Conc: 8$ 1.339 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 57 Resp: 28238

Ion	Ratio	Lower	Upper
57	100		
41	100.8	73.0	109.6
86	12.9	9.8	14.8

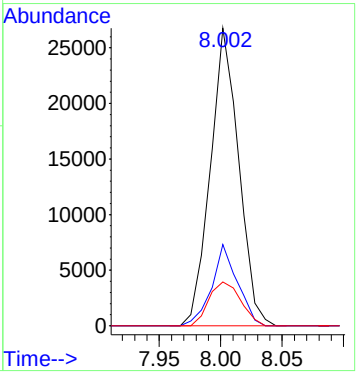


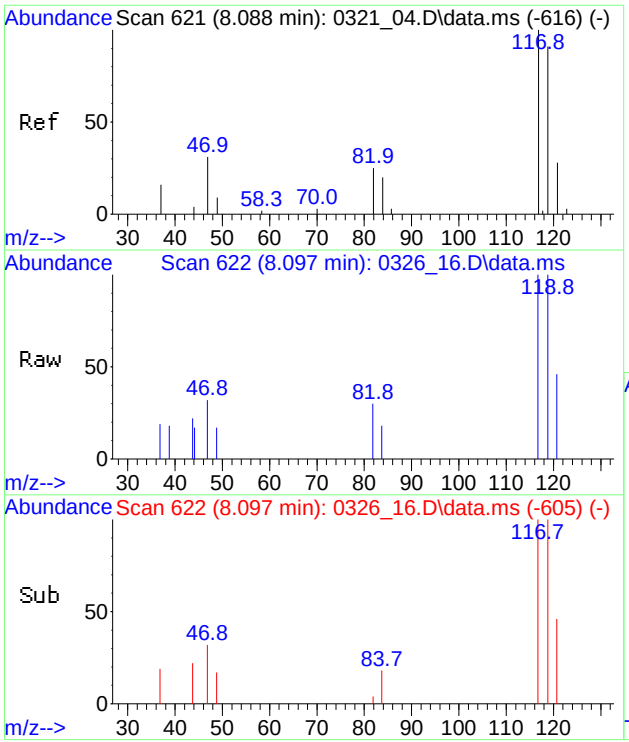


#33
Benzene
Conc: 8$ 0.963 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 78 Resp: 42937

Ion	Ratio	Lower	Upper
78	100		
77	24.9	17.4	26.0
51	16.5	15.8	23.6

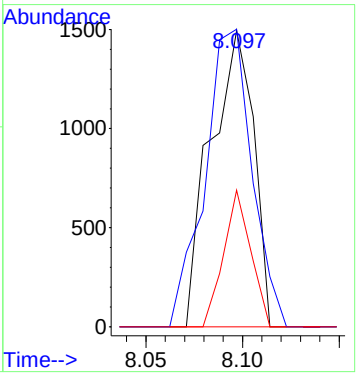


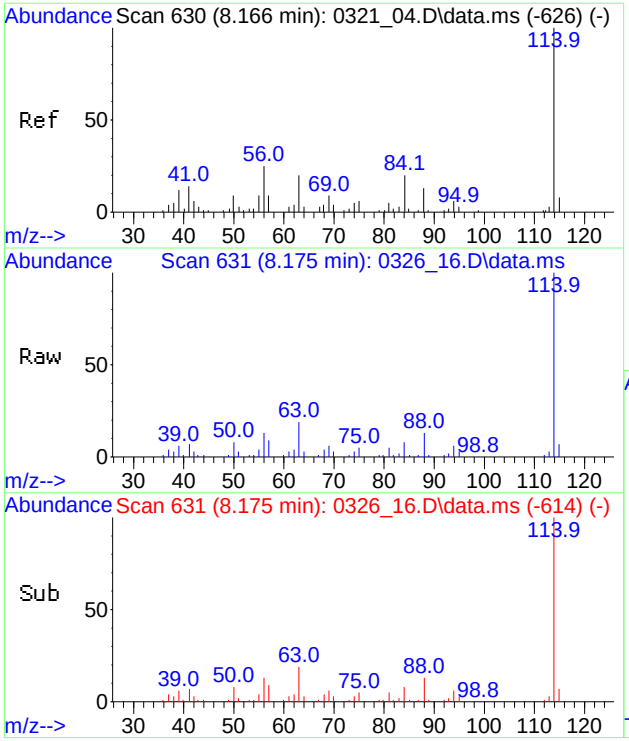


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:117 Resp: 2309

Ion	Ratio	Lower	Upper
117	100		
119	109.8	74.9	114.9
121	29.1	11.2	51.2

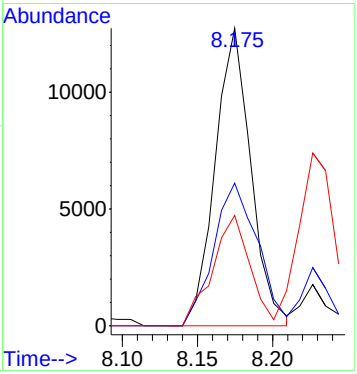


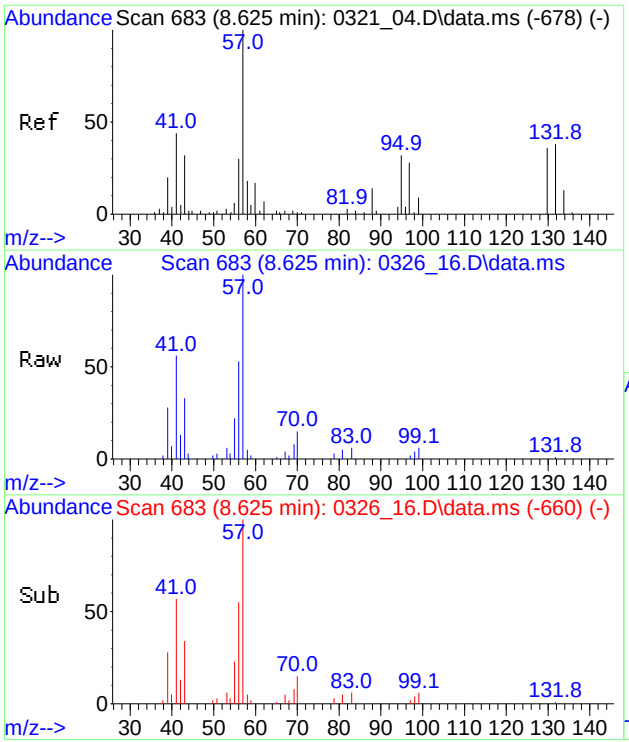


#35
Cyclohexane
Conc: 8$ 1.123 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 84 Resp: 21084

Ion	Ratio	Lower	Upper
84	100		
55	58.9	52.4	78.6
42	39.0	29.8	44.6

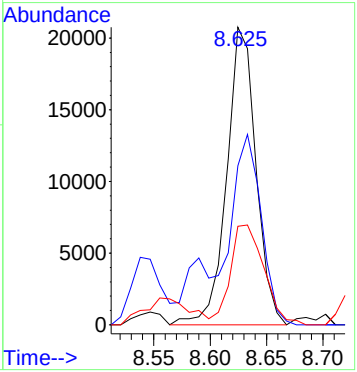


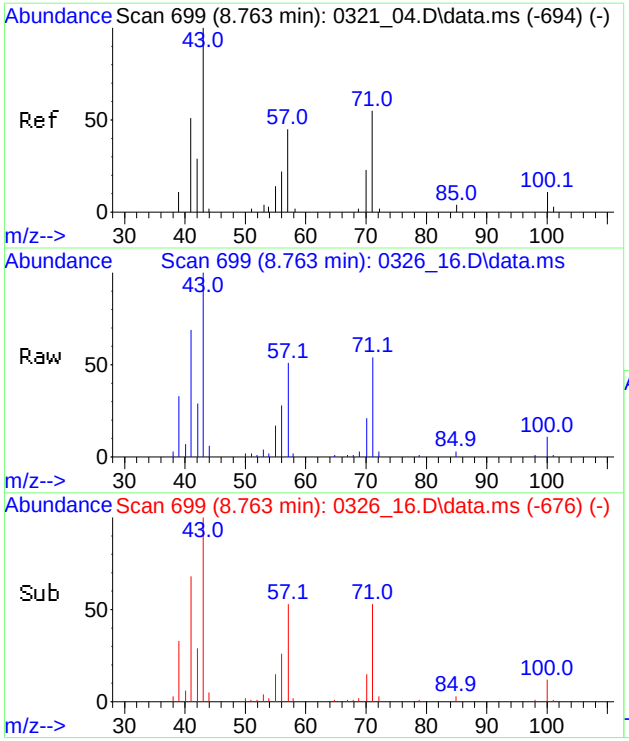


#40
2,2,4-trimethylpentane
Conc: 8$ 0.452 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 57 Resp: 37651

Ion	Ratio	Lower	Upper
57	100		
56	66.7	22.0	33.0#
43	38.5	20.4	30.6#

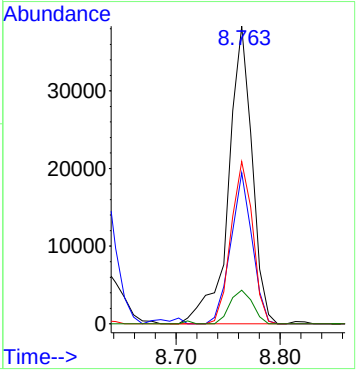


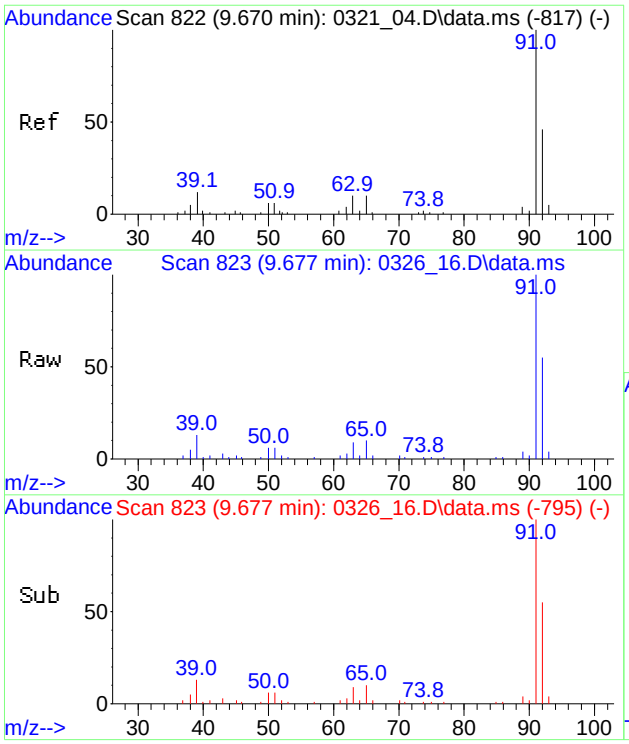


#43
Heptane
Conc: 8$ 2.004 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 43 Resp: 60615

Ion	Ratio	Lower	Upper
43	100		
57	45.9	39.4	59.0
71	50.0	44.5	66.7
100	10.9	8.2	12.2

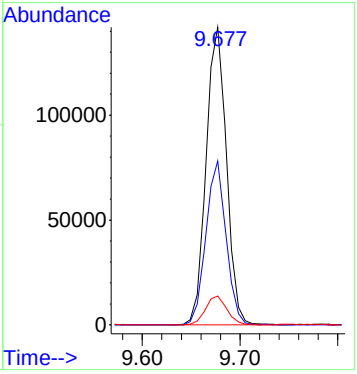


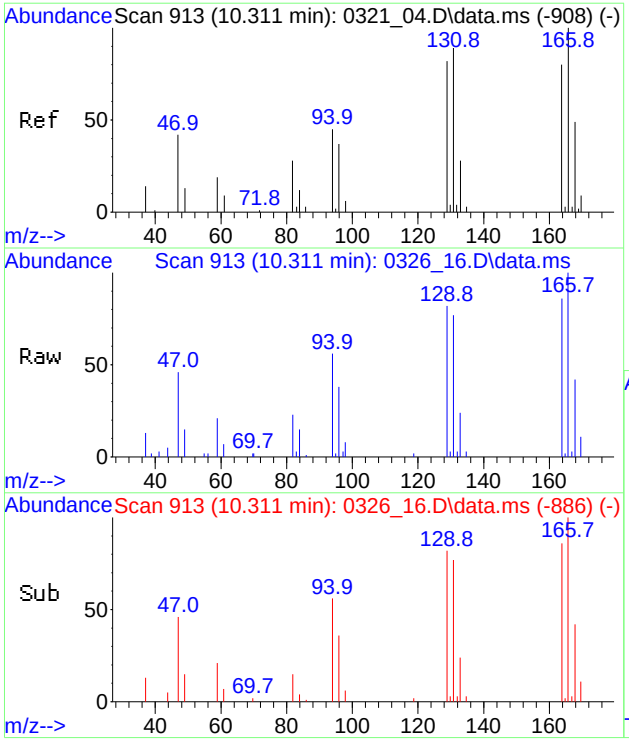


#48
Toluene
Conc: 8$ 3.003 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 91 Resp: 205097

Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.8	65.8
65	10.2	10.6	16.0#

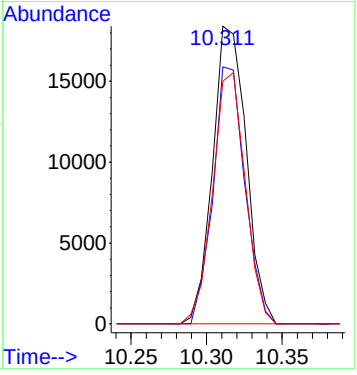


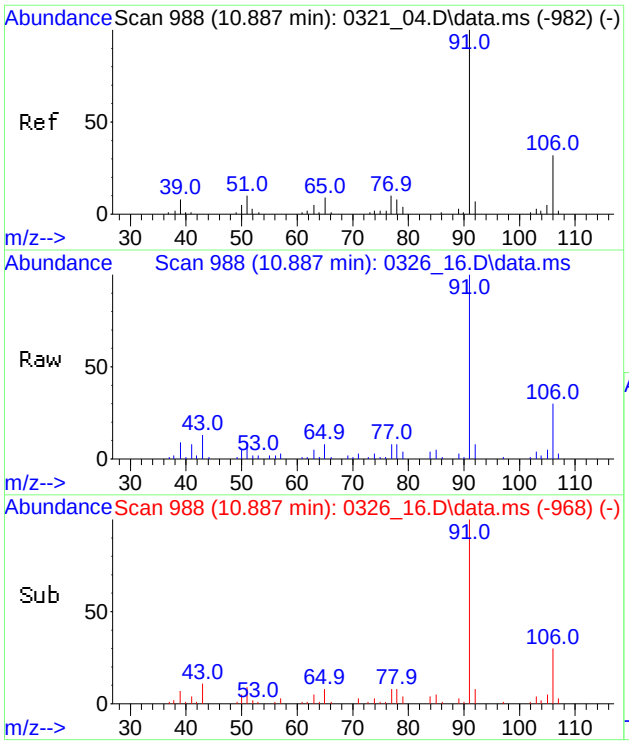


#52
Tetrachloroethene
Conc: 8$ 0.698 ppbv
RT: 10.311 min Scan# 913
Delta R.T. -0.007 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:166 Resp: 28458

Ion	Ratio	Lower	Upper
166	100		
164	81.8	63.4	95.2
129	82.0	68.4	102.6

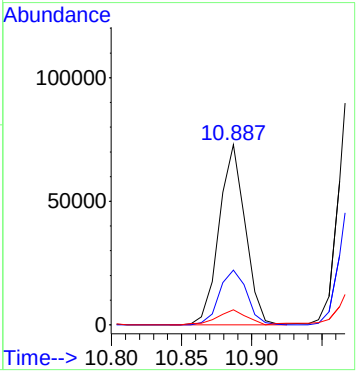


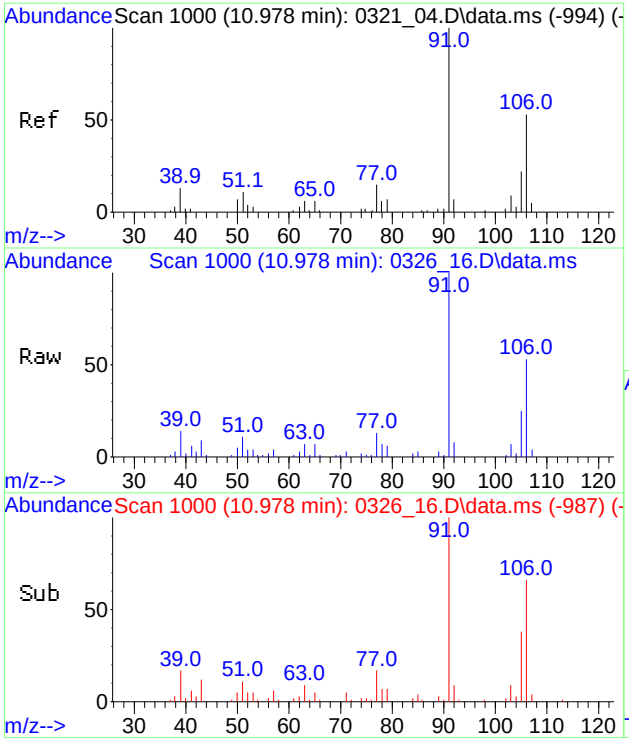


#56
Ethylbenzene
Conc: 8$ 1.095 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 91 Resp: 94638

Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.0	64.0
77	9.5	0.0	33.4

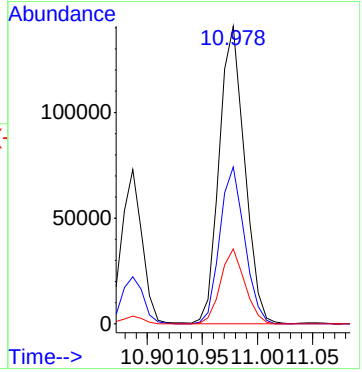


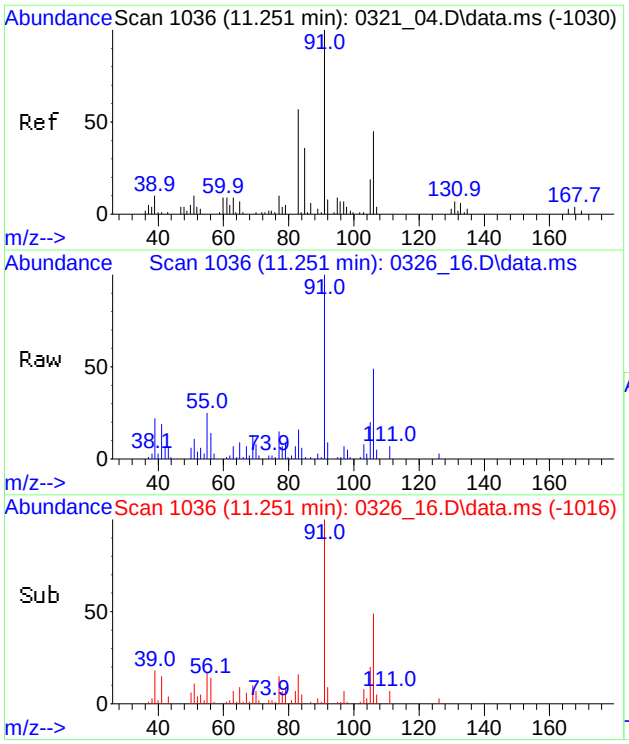


#57
m,p-Xylene
Conc: 8$ 3.356 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 91 Resp: 225181

Ion	Ratio	Lower	Upper
91	100		
106	51.4	0.0	0.0#
105	24.0	0.0	0.0#

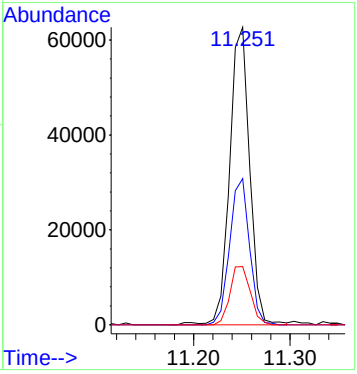


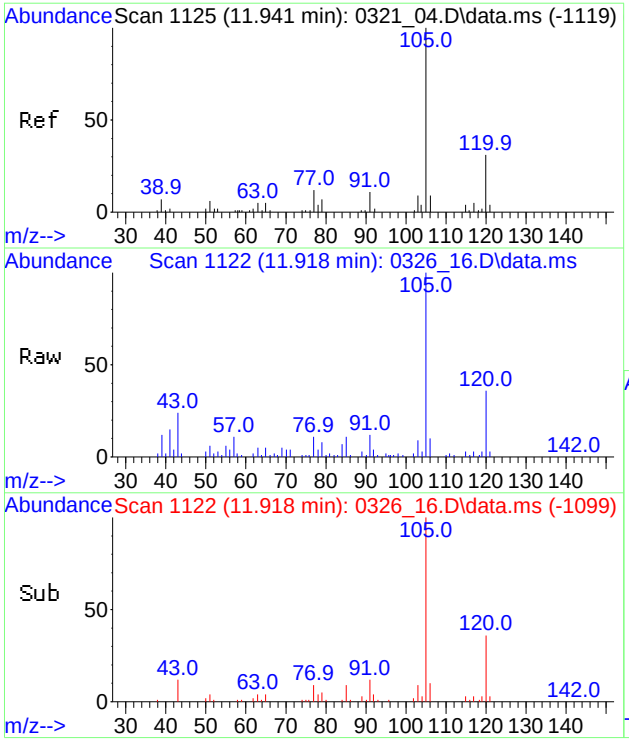


#61
o-Xylene
Conc: 8$ 1.231 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 91 Resp: 90795

Ion	Ratio	Lower	Upper
91	100		
106	48.6	31.7	47.5#
105	19.9	13.4	20.0

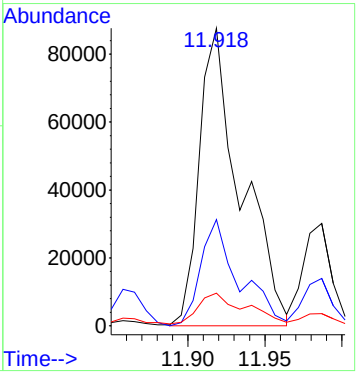


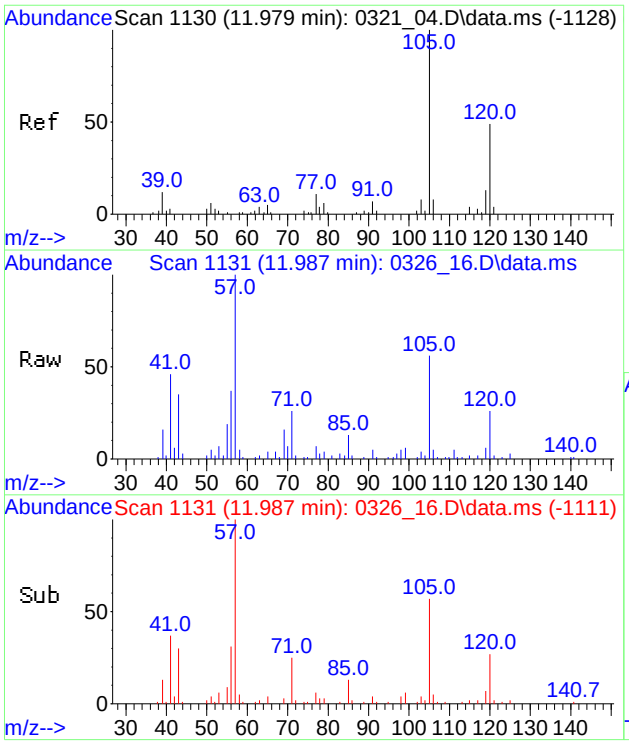


#65
4-Ethyltoluene
Conc: 8$ 1.591 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:105 Resp: 164524

Ion	Ratio	Lower	Upper
105	100		
120	33.1	30.2	45.4
77	11.7	10.5	15.7

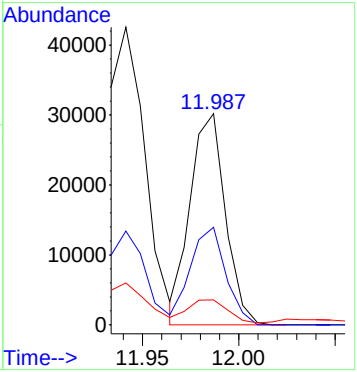


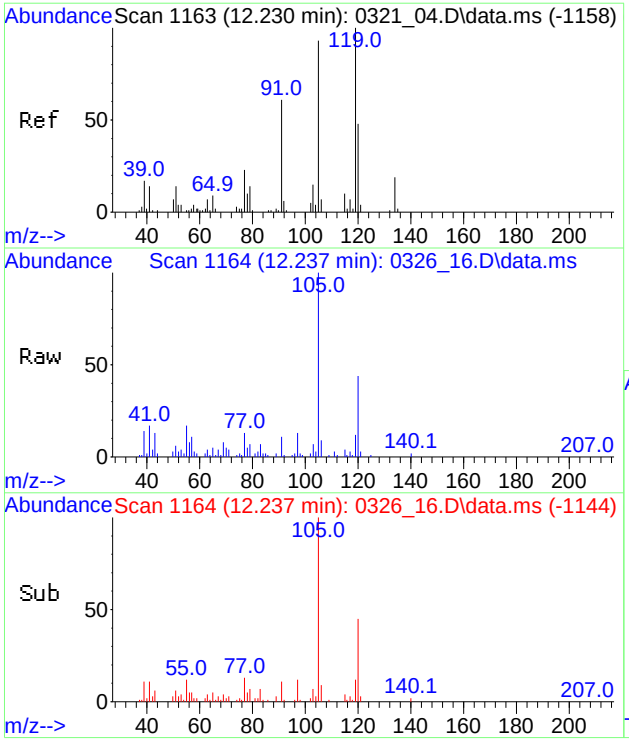


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.459 ppbv
RT: 11.987 min Scan# 1131
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:105 Resp: 38376

Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	0.0#
77	12.2	0.2	0.2#

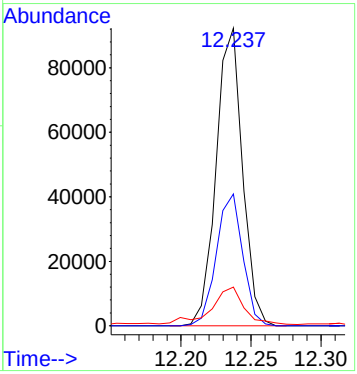


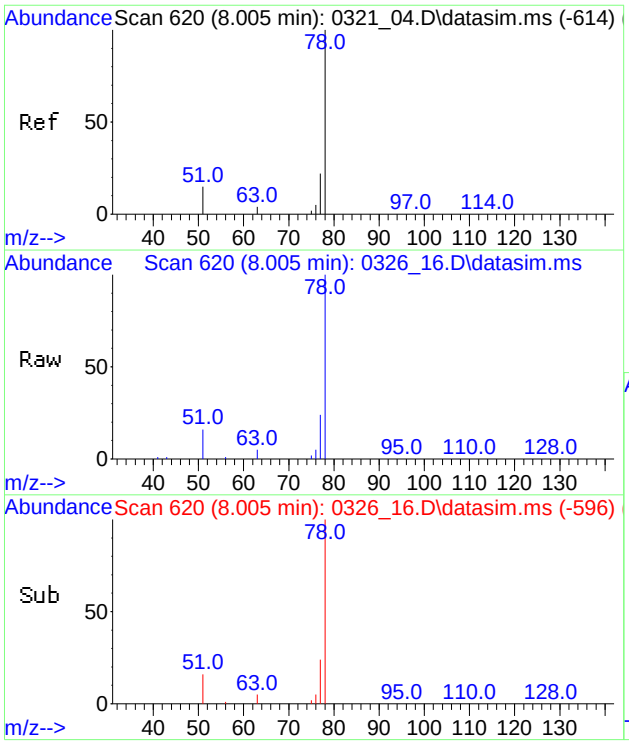


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.210 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:105 Resp: 120767

Ion	Ratio	Lower	Upper
105	100		
120	44.4	39.4	59.2
77	15.5	23.9	35.9#

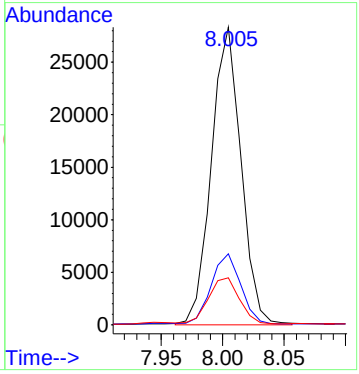


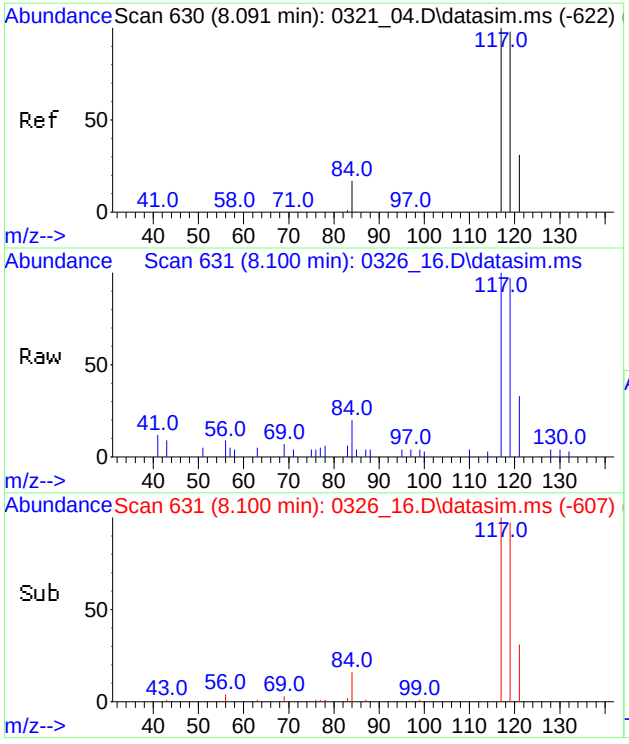


#85
Benzene(sim)
Conc: 8$ 0.844 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 78 Resp: 42937

Ion	Ratio	Lower	Upper
78	100		
77	24.9	17.4	26.0
51	16.5	15.8	23.6

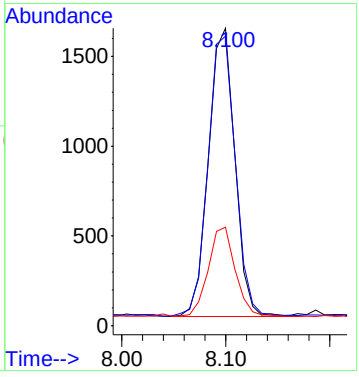


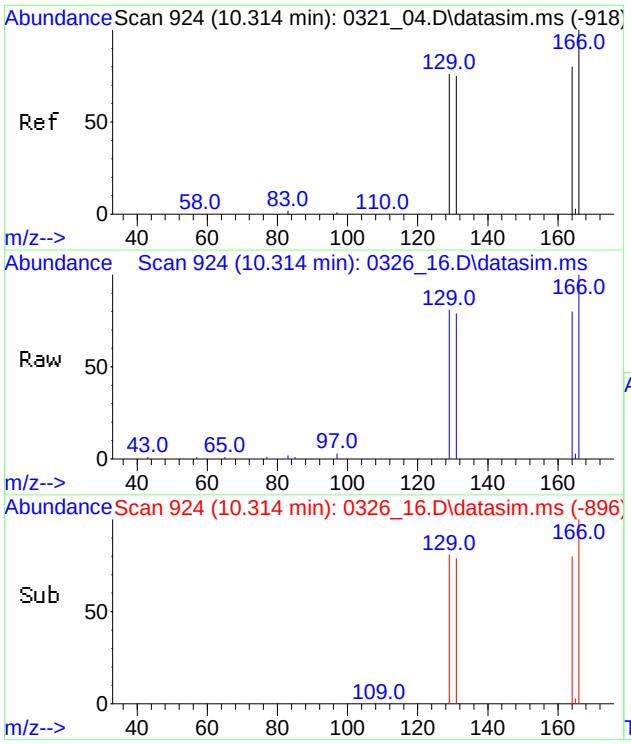


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.069 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:117 Resp: 2815

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
121	32.8	24.2	36.4

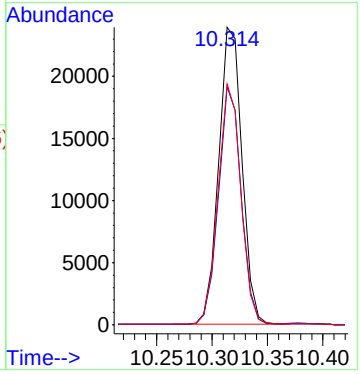


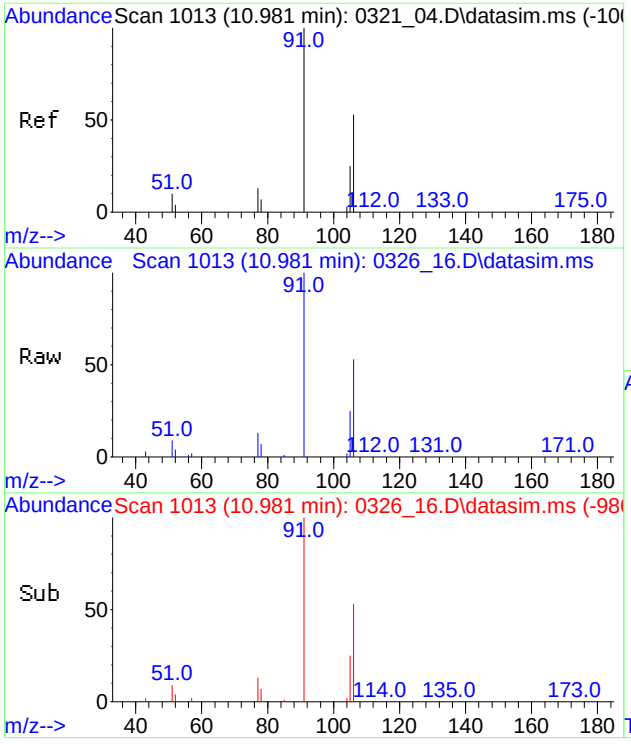


#102
Tetrachloroethene(sim)
Conc: 8$ 0.849 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion:166 Resp: 35004

Ion	Ratio	Lower	Upper
166	100		
164	77.8	54.6	94.6
129	80.2	52.2	92.2

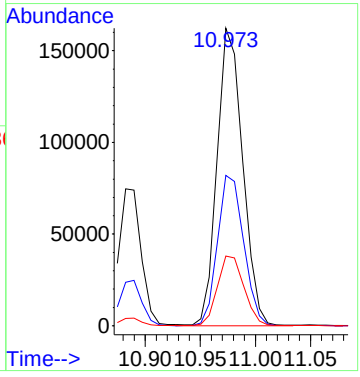




#105
m,p-Xylene(sim)
Conc: 8$ 3.133 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0326_16.D
Acq: 26 Mar 2025 9:29 pm

Tgt Ion: 91 Resp: 225181

Ion	Ratio	Lower	Upper
91	100		
106	51.4	39.6	48.4#
105	24.0	16.6	24.8



CLIENT ID

AIR ANALYSIS DATA SHEET

IA25-14A

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91412

Canister: 13639 Lab File ID: 0326_17.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.657		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	645	ES	0.531	0.531	r
67-64-1	Acetone	12.9	S	0.421	0.421	r
67-63-0	Isopropylalcohol	22.5	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	8.44		0.339	0.339	r
110-54-3	Hexane	0.515	S	0.284	0.284	r
67-66-3	Chloroform	0.791		0.205	0.205	r
141-78-6	Ethyl acetate	1.12		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.584		0.339	0.339	r
71-43-2	Benzene	0.430		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.220		0.215	0.215	r
142-82-5	Heptane	0.749		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	1.30		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.434		0.037	0.037	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
100-41-4	Ethylbenzene	0.376		0.230	0.230	r
179601-23-1	m,p-Xylene	1.16		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.459		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.679		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.278		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.656		0.204	0.204	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

IA25-14A

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91412

Canister: 13639 Lab File ID: 0326_17.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.066		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
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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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)	0.181		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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_17.D
Acq On : 26 Mar 2025 10:05 pm
Operator :
Client ID : IA25-14A
Lab ID : CS91412
ALS Vial : 9 Sample Multiplier: 1

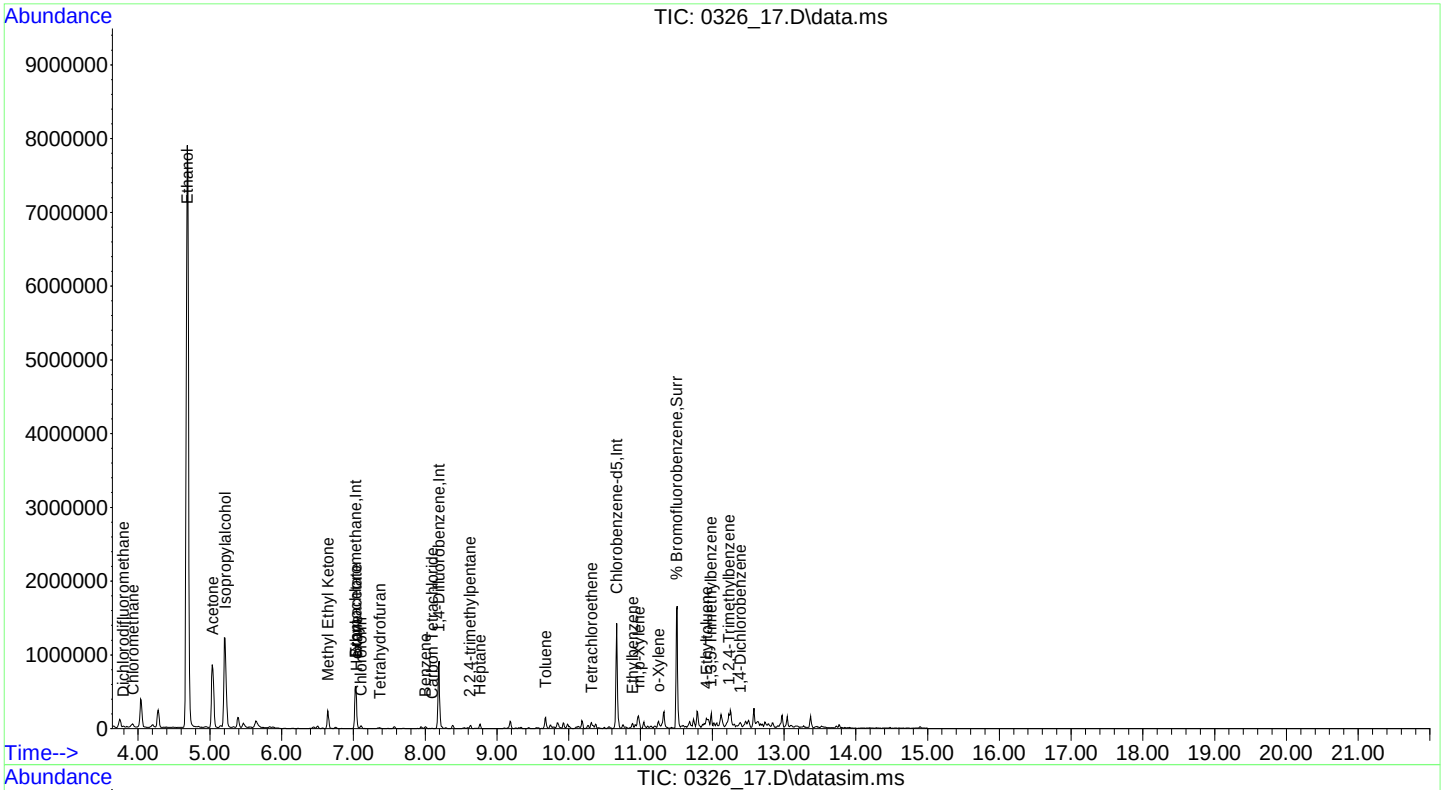
Quant Time: Mar 27 05:25:25 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

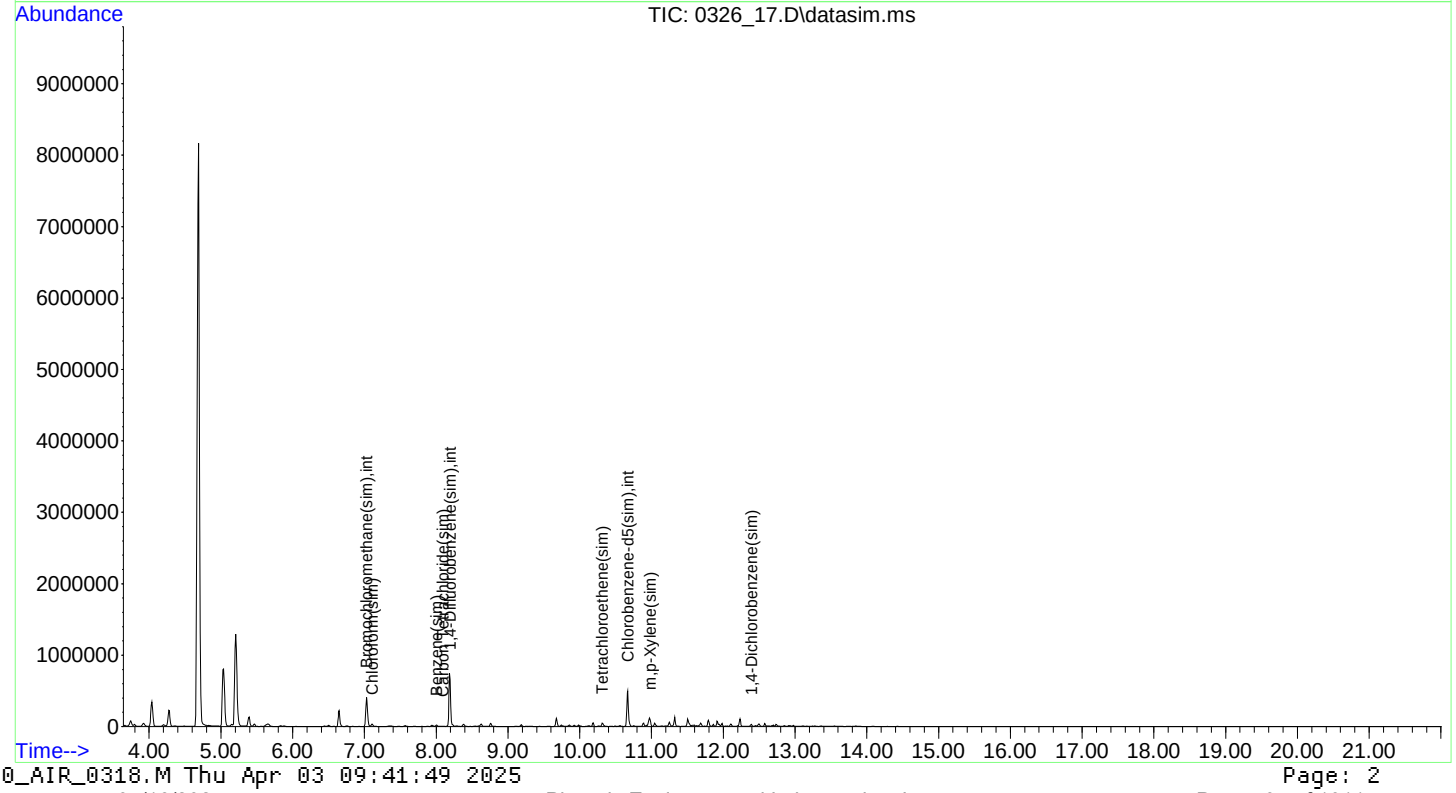
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	177574	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	633595	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	321736	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	197846	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	633595	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	321736	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	403645	11.398	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.00%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	25477	0.465	ppbv		96
4) Chloromethane	3.930	50	19524	0.657	ppbv		97
11) Ethanol	4.684	45	10284081	644.742	ppbv#		39
12) Acetone	5.033	43	912188	12.892	ppbv#		81
14) Isopropylalcohol	5.212	45	1726177	22.537	ppbv#		94
25) Methyl Ethyl Ketone	6.643	43	253497	8.435	ppbv#		92
27) Hexane	7.042	57	10891	0.515	ppbv		83
28) Chloroform	7.104	83	26362	0.791	ppbv		99
29) Ethyl acetate	7.034	61	5371	1.120	ppbv#		73
30) Tetrahydrofuran	7.367	42	8564	0.584	ppbv#		74
33) Benzene	8.002	78	19203	0.430	ppbv		94
34) Carbon Tetrachloride	8.097	117	2122	0.056	ppbv		90
40) 2,2,4-trimethylpentane	8.625	57	17726	0.220	ppbv#		67
43) Heptane	8.763	43	21923	0.749	ppbv		90
48) Toluene	9.677	91	86071	1.302	ppbv#		98
52) Tetrachloroethene	10.318	166	17121	0.434	ppbv		96
56) Ethylbenzene	10.887	91	29388	0.376	ppbv		86
57) m,p-Xylene	10.978	91	70598	1.164	ppbv		100
61) o-Xylene	11.251	91	30584	0.459	ppbv#		96
65) 4-Ethyltoluene	11.919	105	63504	0.679	ppbv		93
66) 1,3,5-Trimethylbenzene	11.979	105	20966	0.278	ppbv#		90
67) 1,2,4-Trimethylbenzene	12.230	105	59173	0.656	ppbv#		88
70) 1,4-Dichlorobenzene	12.389	146	11724	0.182	ppbv		100
85] Benzene(sim)	8.002	78	19203	0.385	ppbv		94
86] Carbon Tetrachloride(sim)	8.091	117	2618	0.066	ppbv		96
92] Chloroform(sim)	7.107	83	28329	0.719	ppbv		97
102] Tetrachloroethene(sim)	10.314	166	20692	0.519	ppbv		93
105] m,p-Xylene(sim)	10.978	91	70598	1.087	ppbv#		89
109] 1,4-Dichlorobenzene(sim)	12.389	146	11724	0.181	ppbv		94

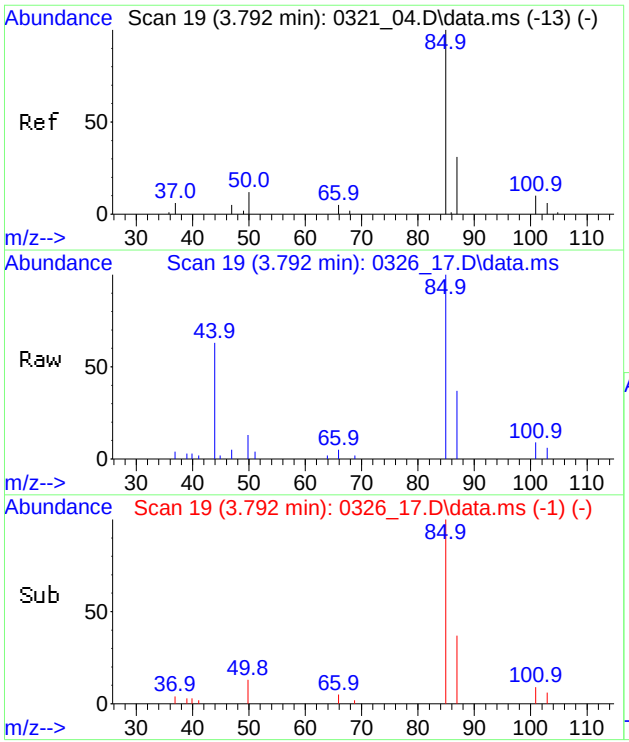
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_17.D
Acq On : 26 Mar 2025 10:05 pm
Operator :
Client ID : IA25-14A
Lab ID : CS91412
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 27 05:25:25 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



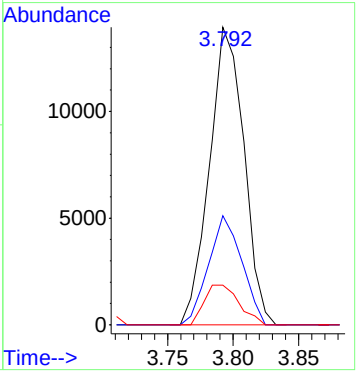


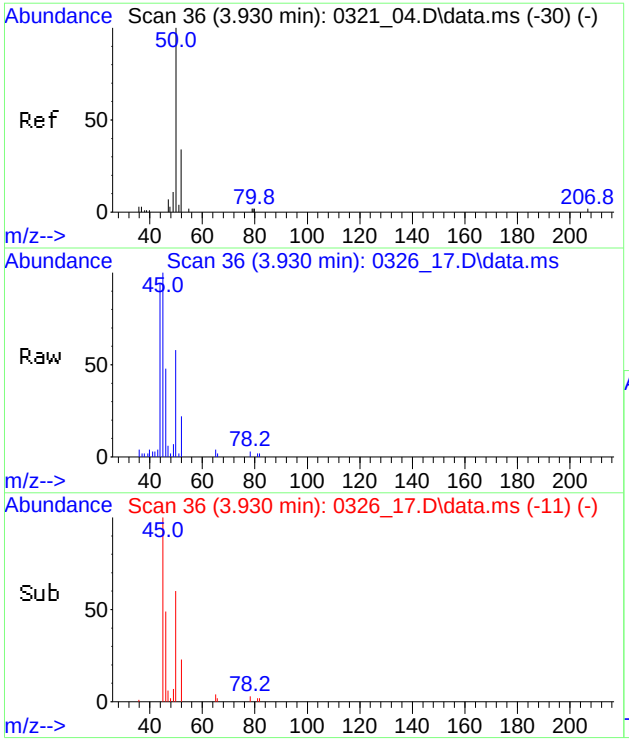


#3
Dichlorodifluoromethane
Conc: 8$ 0.465 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 85 Resp: 25477

Ion	Ratio	Lower	Upper
85	100		
87	35.5	25.8	38.8
50	13.5	10.6	15.8

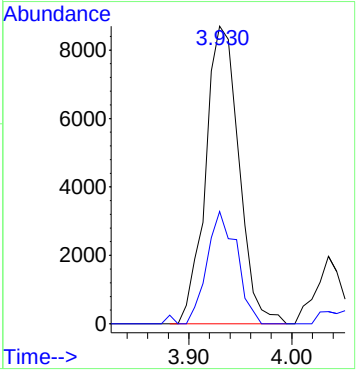


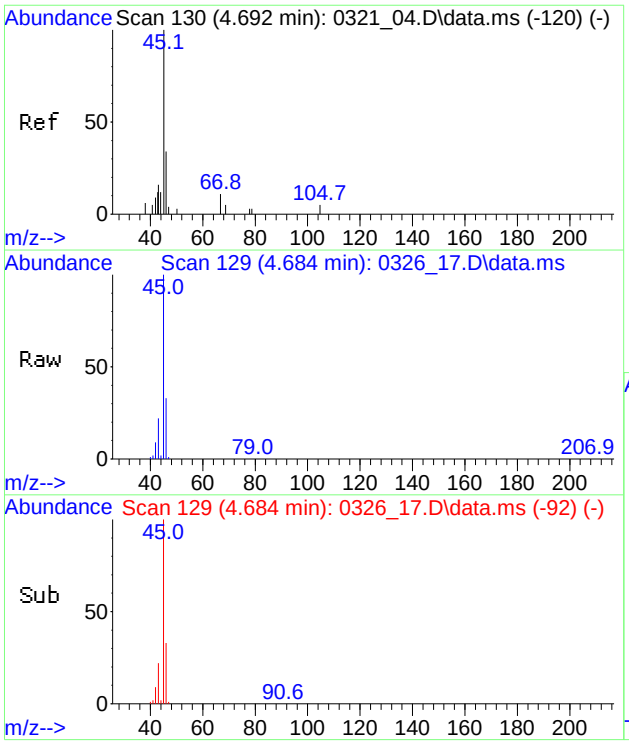


#4
Chloromethane
Conc: 8$ 0.657 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 50 Resp: 19524

Ion	Ratio	Lower	Upper
50	100		
52	33.7	15.5	55.5

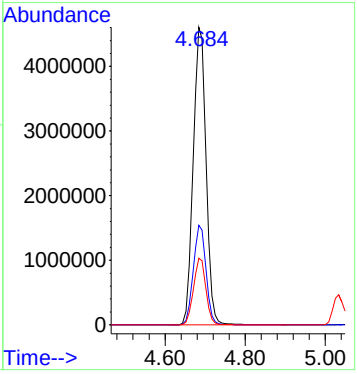


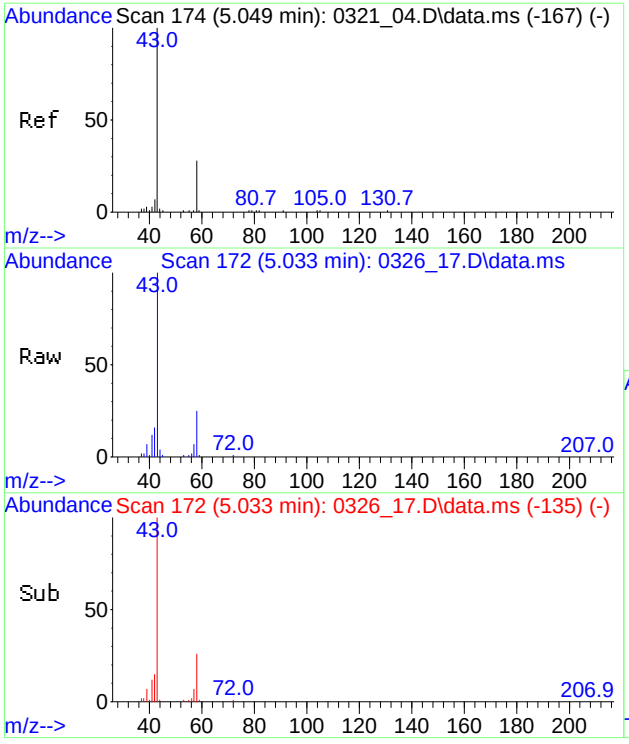


#11
Ethanol
Conc: 8$ 644.742 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 45 Resp:10284081

Ion	Ratio	Lower	Upper
45	100		
46	33.1	0.6	0.8#
43	21.7	0.0	0.0#

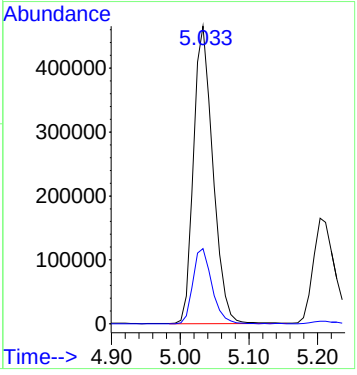


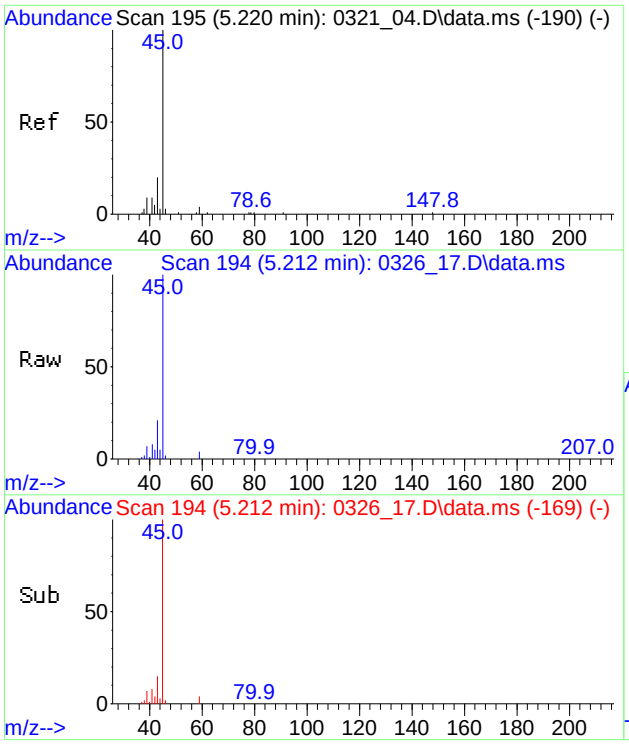


#12
Acetone
Conc: 8$ 12.892 ppbv
RT: 5.033 min Scan# 172
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 43 Resp: 912188

Ion	Ratio	Lower	Upper
43	100		
58	24.8	0.2	0.2#

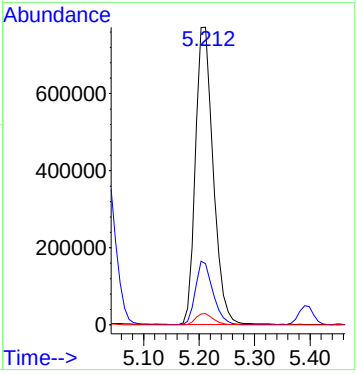


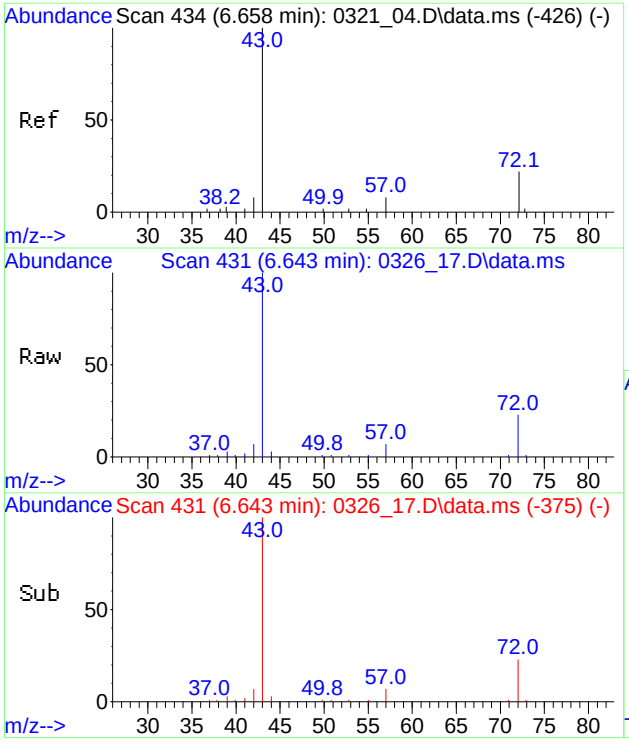


#14
Isopropylalcohol
Conc: 8$ 22.537 ppbv
RT: 5.212 min Scan# 194
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 45 Resp: 1726177

Ion	Ratio	Lower	Upper
45	100		
43	20.9	0.0	0.0#
59	3.8	0.6	1.0#

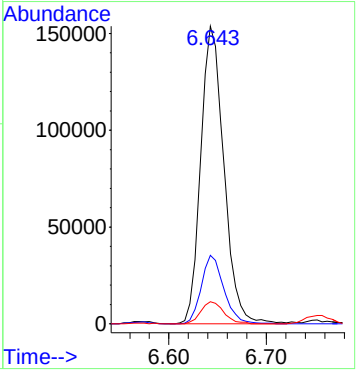


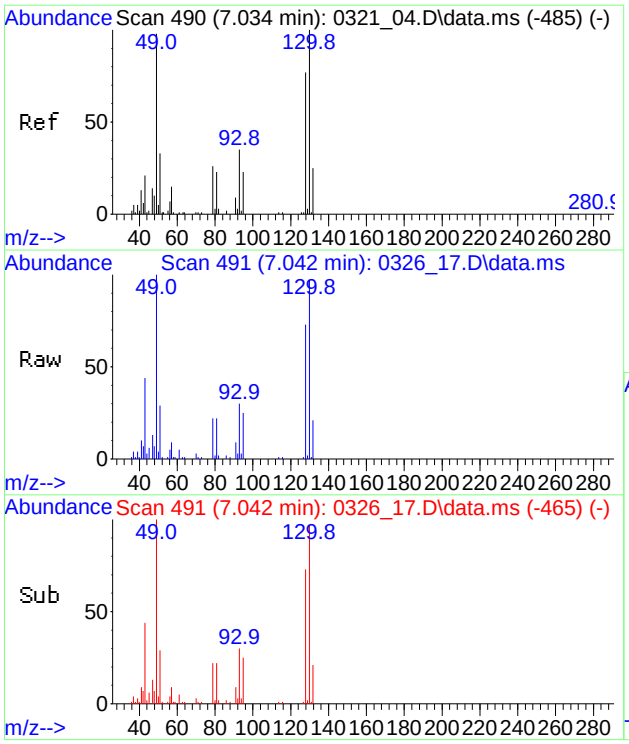


#25
Methyl Ethyl Ketone
Conc: 8$ 8.435 ppbv
RT: 6.643 min Scan# 431
Delta R.T. -0.005 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 43 Resp: 253497

Ion	Ratio	Lower	Upper
43	100		
72	22.3	0.0	0.0#
57	7.4	0.2	0.4#

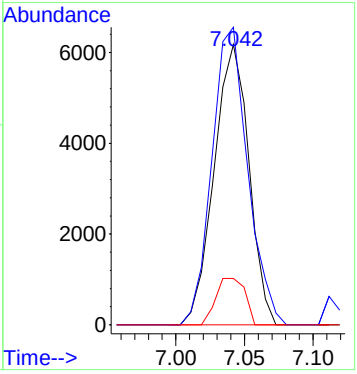


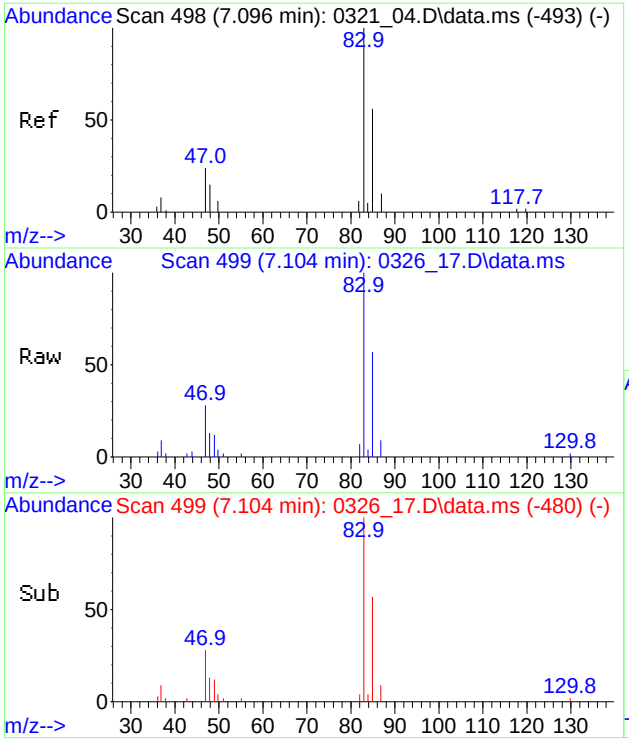


#27
Hexane
Conc: 8$ 0.515 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 57 Resp: 10891

Ion	Ratio	Lower	Upper
57	100		
41	109.2	73.0	109.6
86	13.9	9.8	14.8

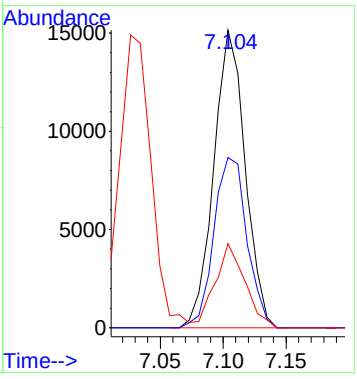


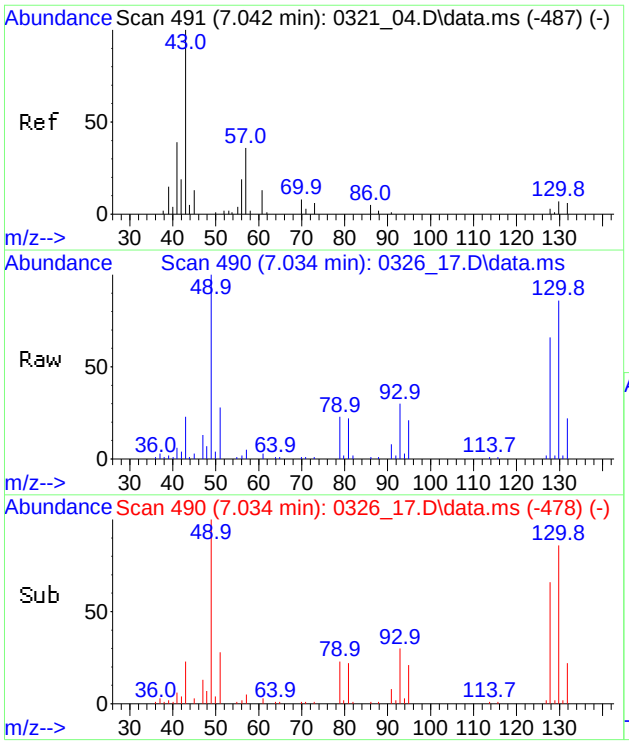


#28
Chloroform
Conc: 8$ 0.791 ppbv
RT: 7.104 min Scan# 499
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 83 Resp: 26362

Ion	Ratio	Lower	Upper
83	100		
85	60.1	39.7	79.7
47	27.0	7.3	47.3

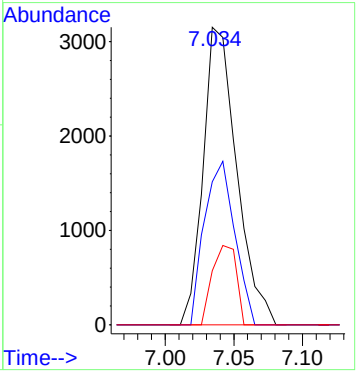


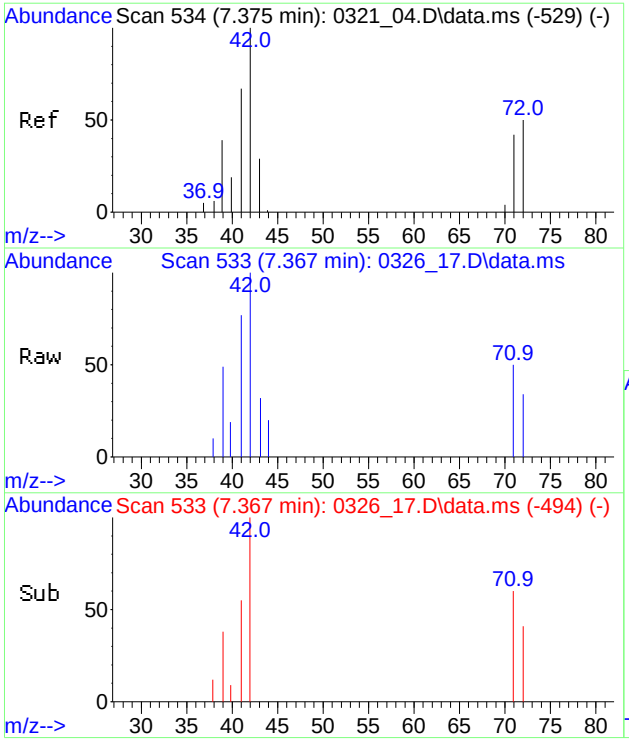


#29
Ethyl acetate
Conc: 8$ 1.120 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 61 Resp: 5371

Ion	Ratio	Lower	Upper
61	100		
70	49.5	62.8	94.2#
88	19.2	14.7	22.1

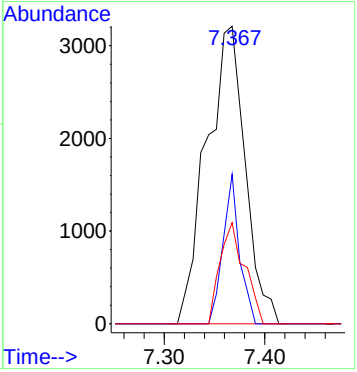


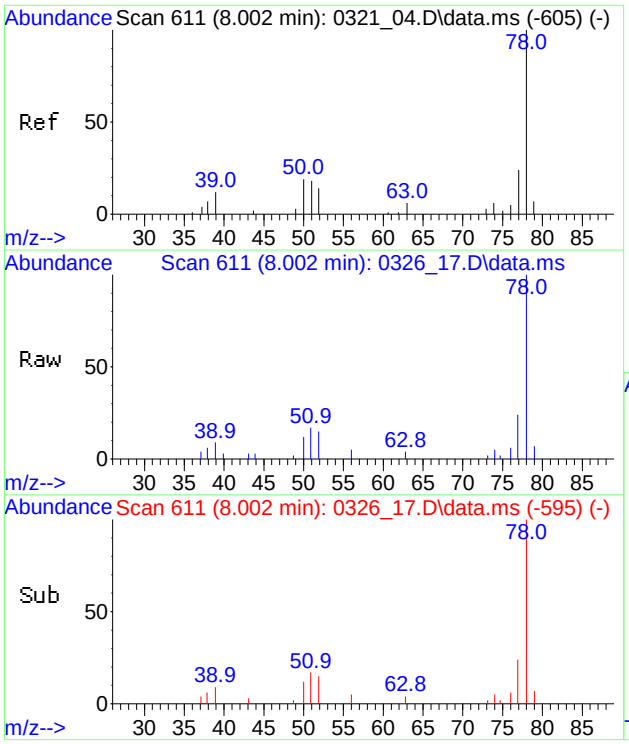


#30
Tetrahydrofuran
Conc: 8$ 0.584 ppbv
RT: 7.367 min Scan# 533
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 42 Resp: 8564

Ion	Ratio	Lower	Upper
42	100		
71	21.3	29.4	44.0#
72	21.7	30.2	45.4#

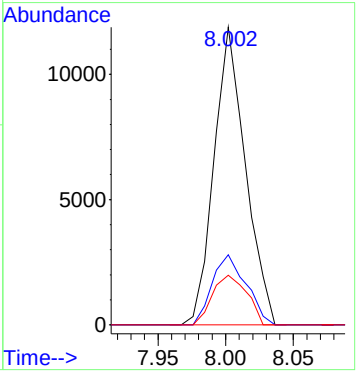


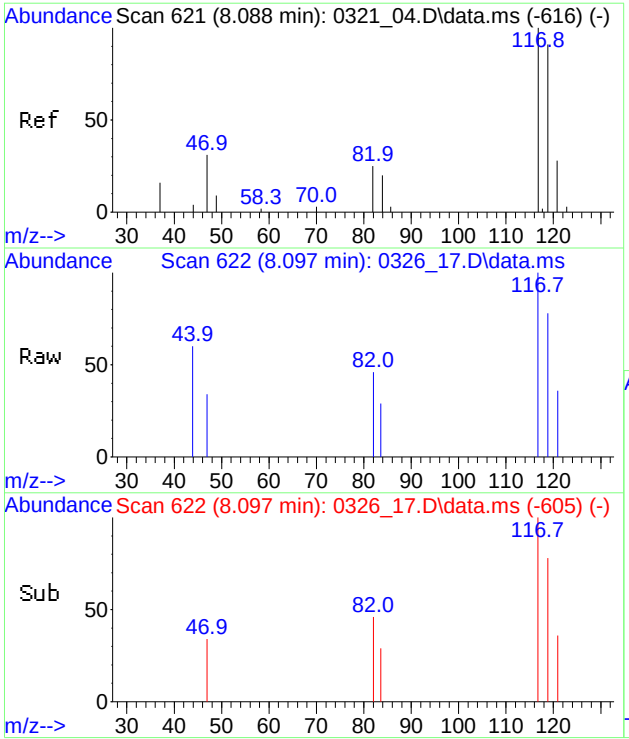


#33
Benzene
Conc: 8$ 0.430 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 78 Resp: 19203

Ion	Ratio	Lower	Upper
78	100		
77	25.4	17.4	26.0
51	18.2	15.8	23.6

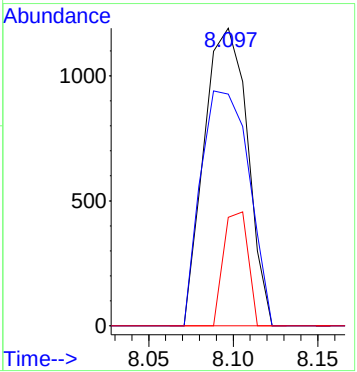


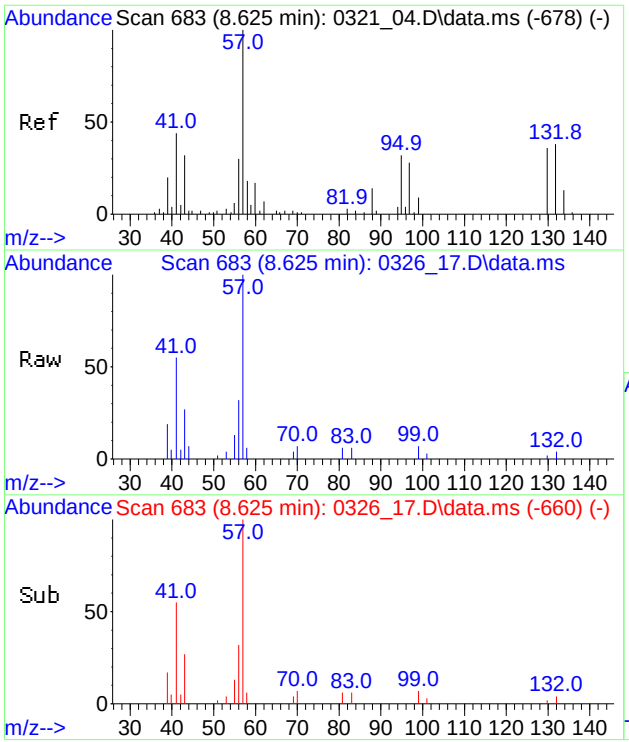


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:117 Resp: 2122

Ion	Ratio	Lower	Upper
117	100		
119	87.8	74.9	114.9
121	21.8	11.2	51.2

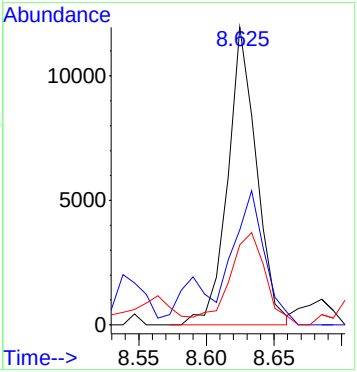


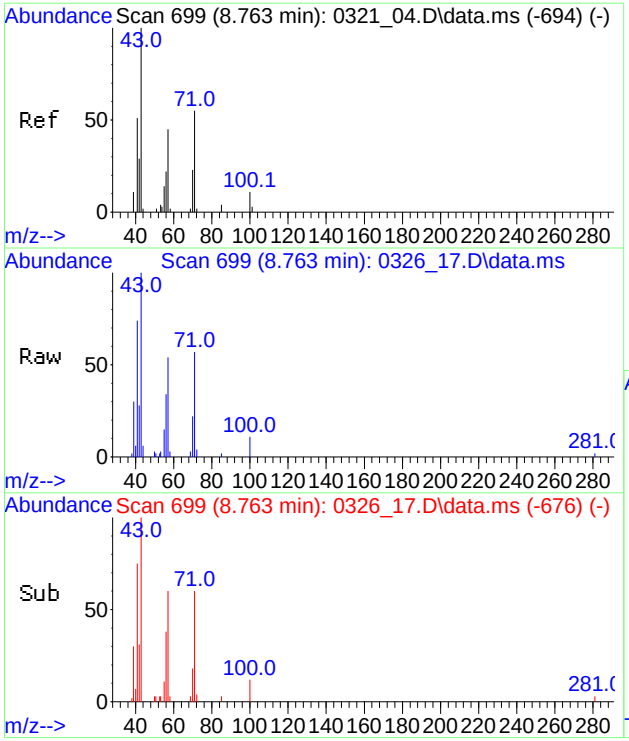


#40
2,2,4-trimethylpentane
Conc: 8$ 0.220 ppbv
RT: 8.625 min Scan# 683
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 57 Resp: 17726

Ion	Ratio	Lower	Upper
57	100		
56	48.5	22.0	33.0#
43	38.5	20.4	30.6#

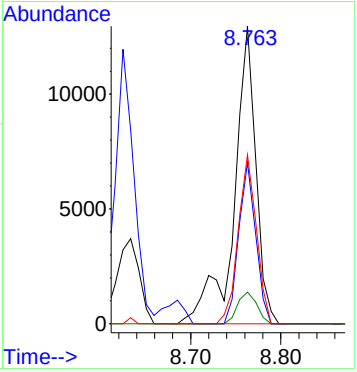


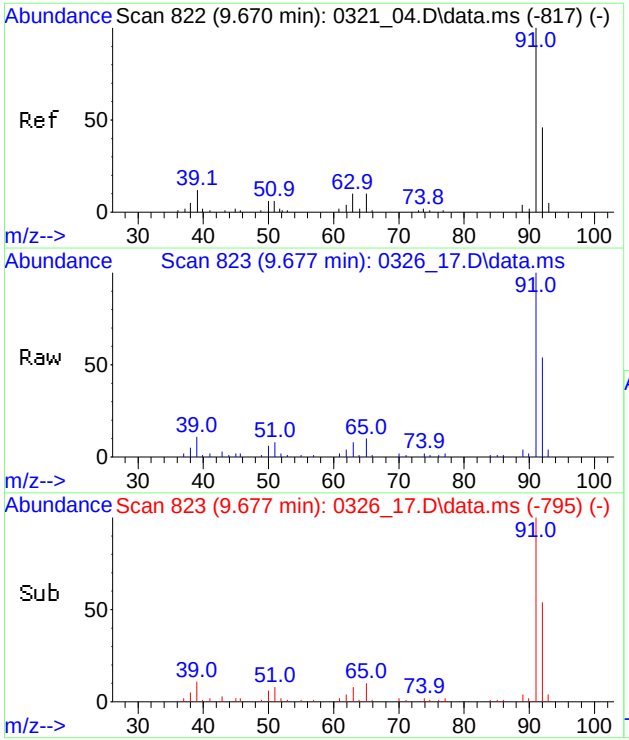


#43
Heptane
Conc: 8$ 0.749 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 43 Resp: 21923

Ion	Ratio	Lower	Upper
43	100		
57	41.8	39.4	59.0
71	47.2	44.5	66.7
100	9.4	8.2	12.2

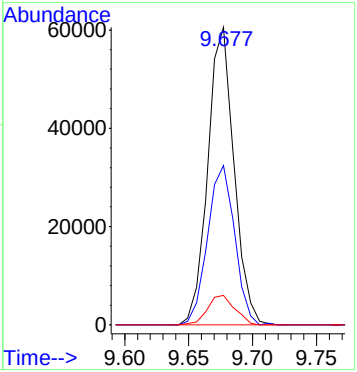


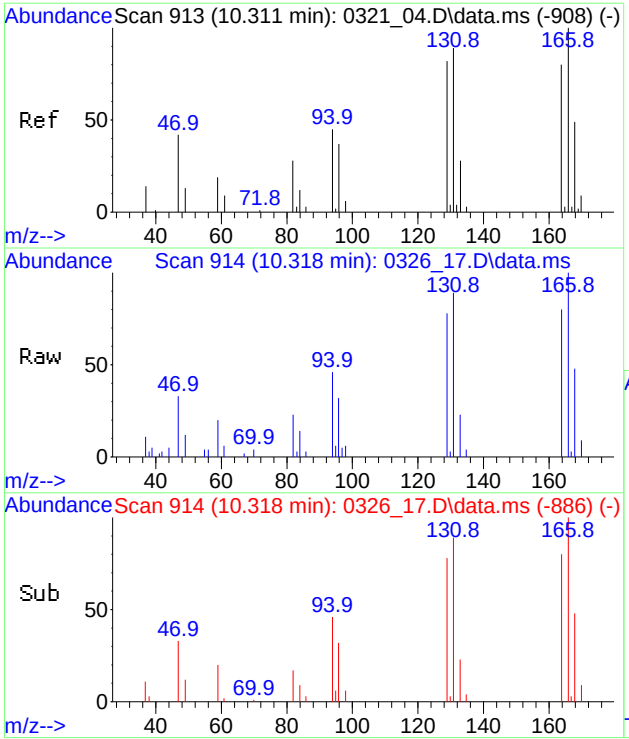


#48
Toluene
Conc: 8$ 1.302 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 91 Resp: 86071

Ion	Ratio	Lower	Upper
91	100		
92	55.3	43.8	65.8
65	10.4	10.6	16.0#

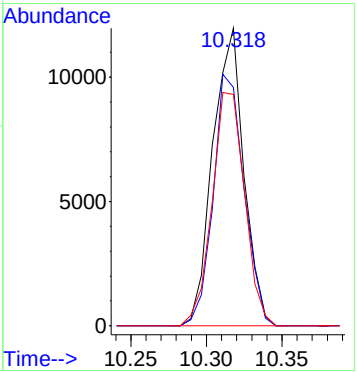


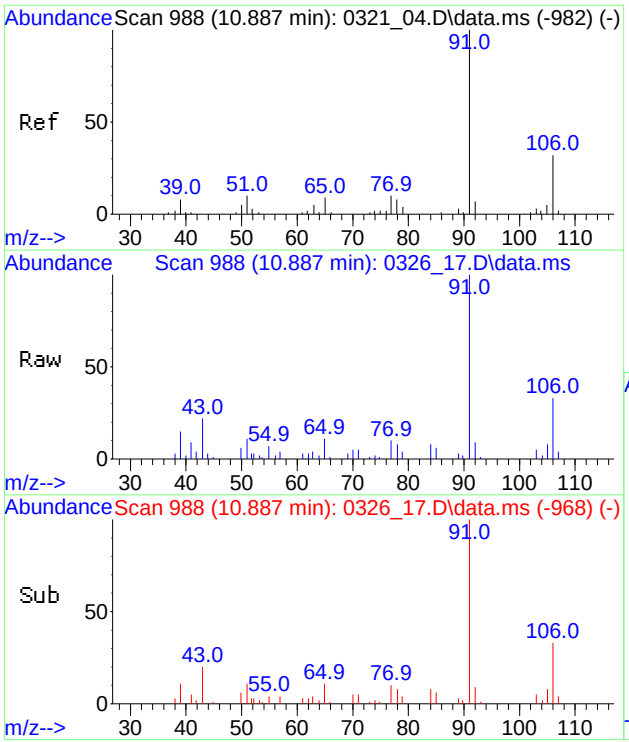


#52
Tetrachloroethene
Conc: 8$ 0.434 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:166 Resp: 17121

Ion	Ratio	Lower	Upper
166	100		
164	83.9	63.4	95.2
129	82.1	68.4	102.6

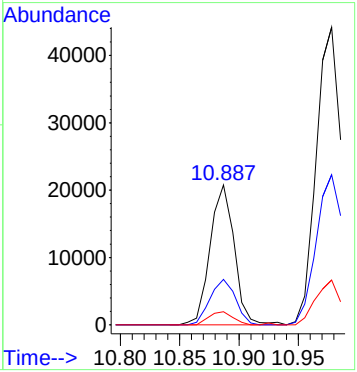


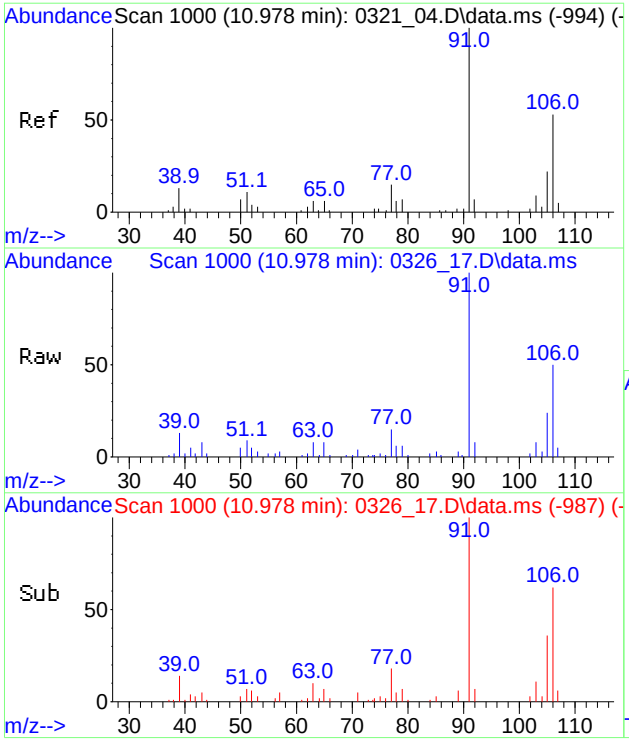


#56
Ethylbenzene
Conc: 8$ 0.376 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 91 Resp: 29388

Ion	Ratio	Lower	Upper
91	100		
106	34.0	24.0	64.0
77	9.4	0.0	33.4

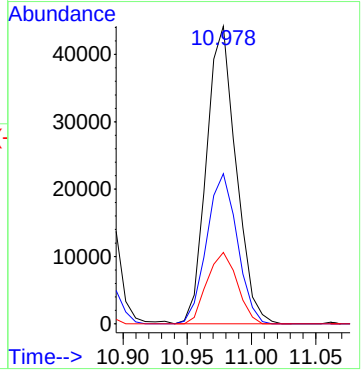


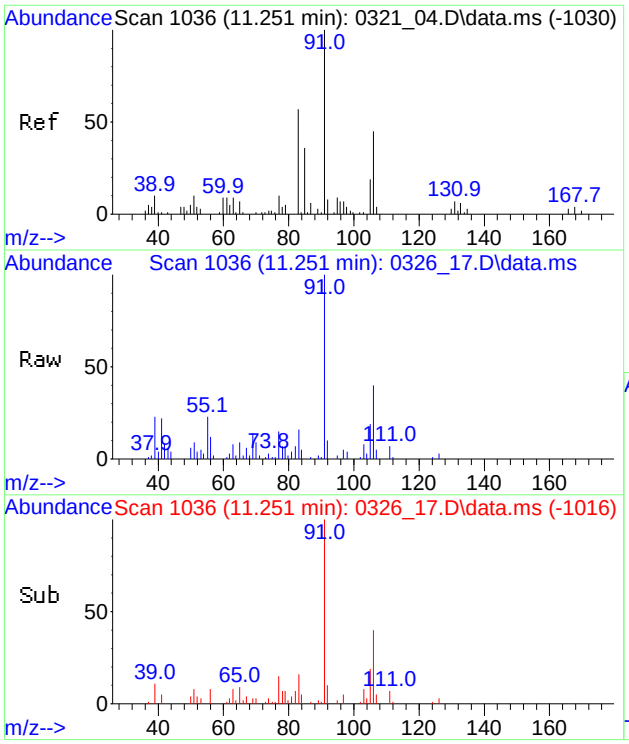


#57
m,p-Xylene
Conc: 8$ 1.164 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 91 Resp: 70598

Ion	Ratio	Lower	Upper
91	100		
106	52.3	0.0	0.0#
105	24.5	0.0	0.0#

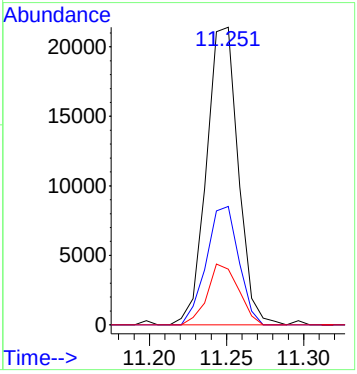


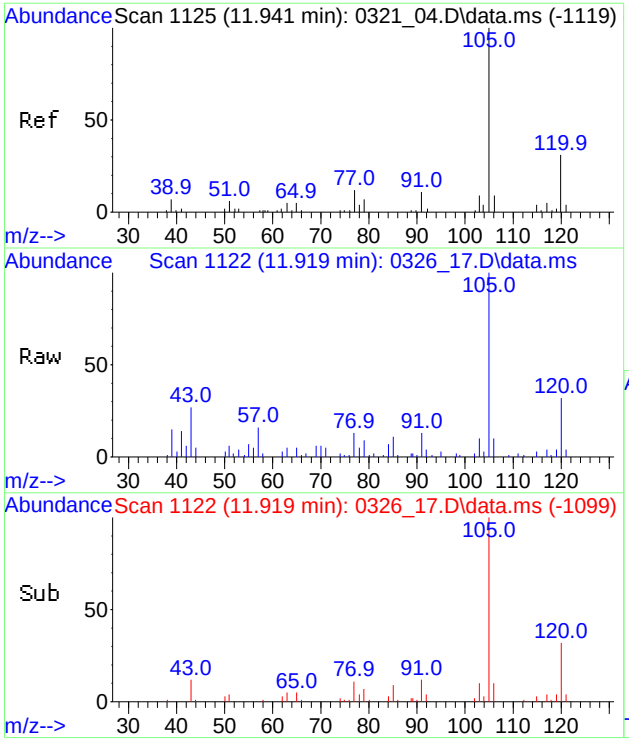


#61
o-Xylene
Conc: 8$ 0.459 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 91 Resp: 30584

Ion	Ratio	Lower	Upper
91	100		
106	40.8	31.7	47.5
105	20.1	13.4	20.0#

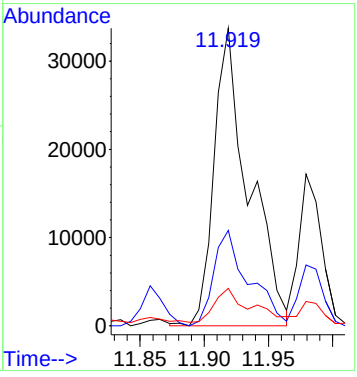


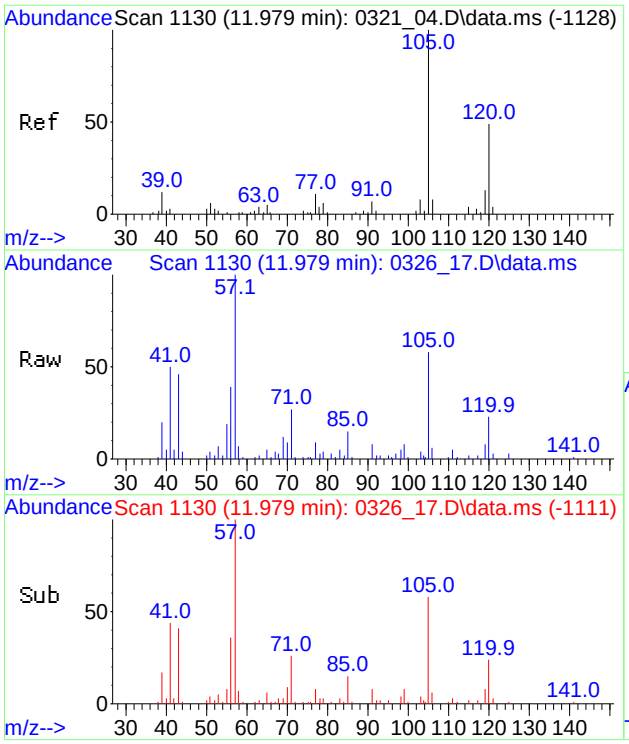


#65
4-Ethyltoluene
Conc: 8$ 0.679 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:105 Resp: 63504

Ion	Ratio	Lower	Upper
105	100		
120	32.5	30.2	45.4
77	11.7	10.5	15.7

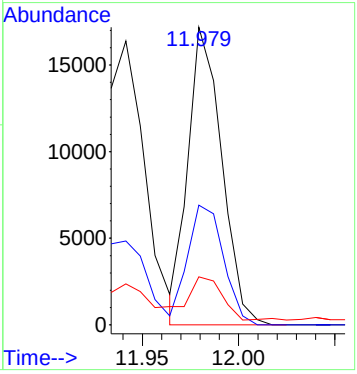


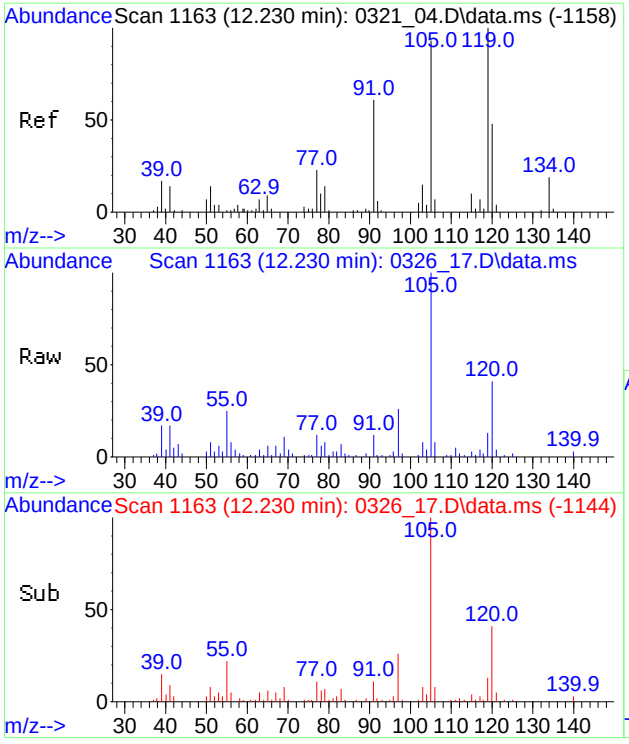


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.278 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:105 Resp: 20966

Ion	Ratio	Lower	Upper
105	100		
120	42.8	0.0	0.0#
77	13.6	0.2	0.2#

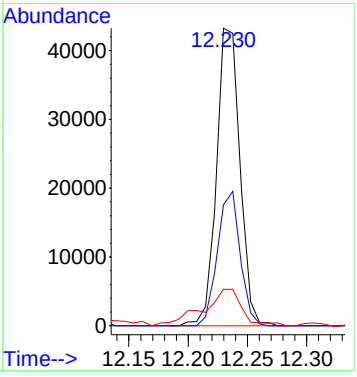


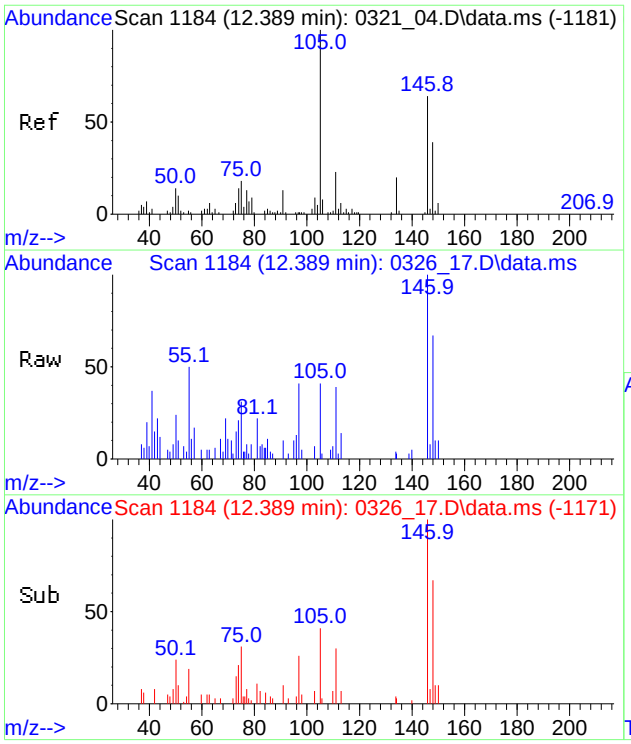


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.656 ppbv
RT: 12.230 min Scan# 1163
Delta R.T. -0.007 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:105 Resp: 59173

Ion	Ratio	Lower	Upper
105	100		
120	43.7	39.4	59.2
77	20.5	23.9	35.9#

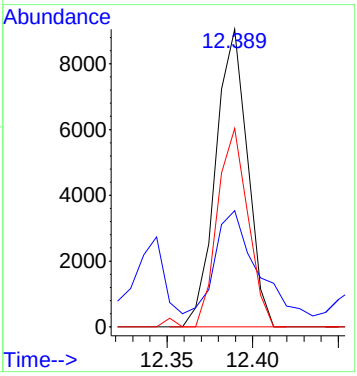


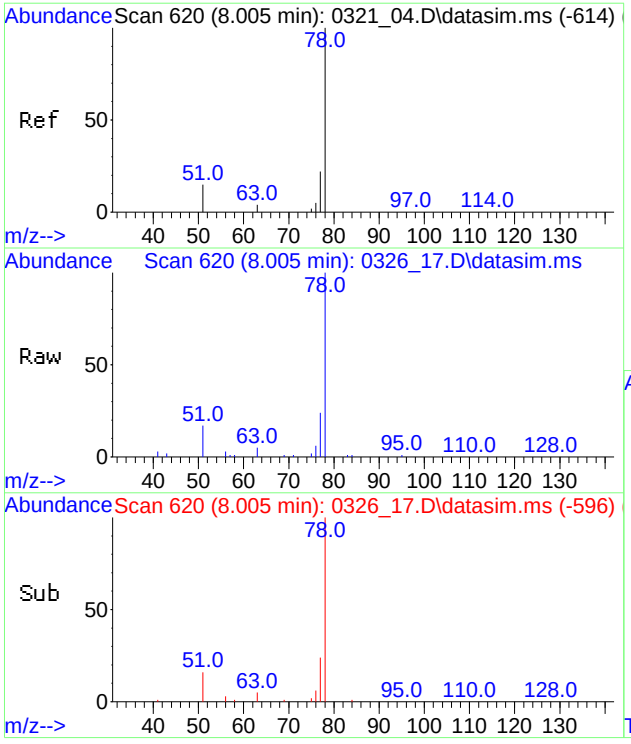


#70
1,4-Dichlorobenzene
Conc: 8$ 0.182 ppbv
RT: 12.389 min Scan# 1184
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:146 Resp: 11724

Ion	Ratio	Lower	Upper
146	100		
111	45.1	0.0	0.0#
148	64.9	0.0	0.0#

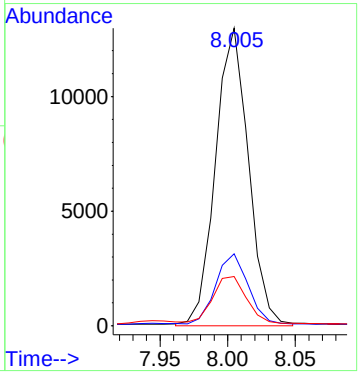


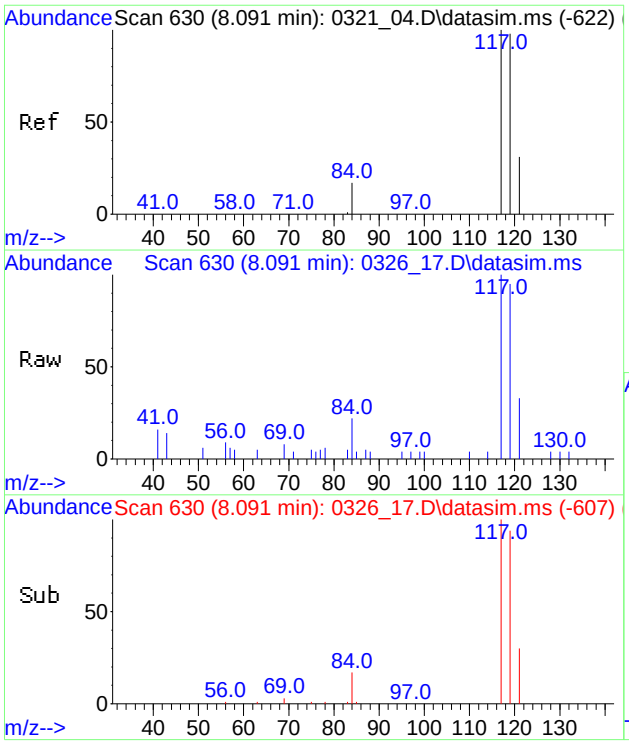


#85
Benzene(sim)
Conc: 8$ 0.385 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 78 Resp: 19203

Ion	Ratio	Lower	Upper
78	100		
77	25.4	17.4	26.0
51	18.2	15.8	23.6

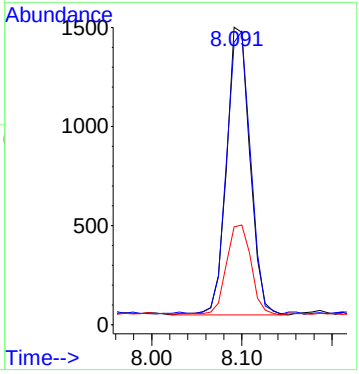


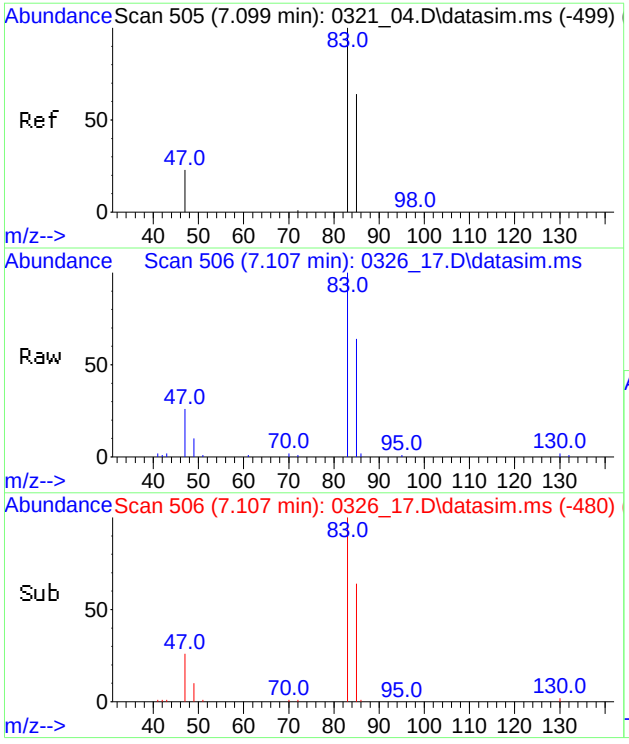


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.066 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:117 Resp: 2618

Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.6	115.0
121	33.1	24.2	36.4

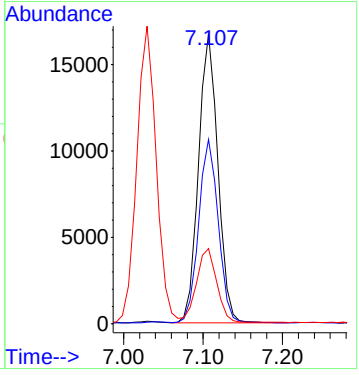


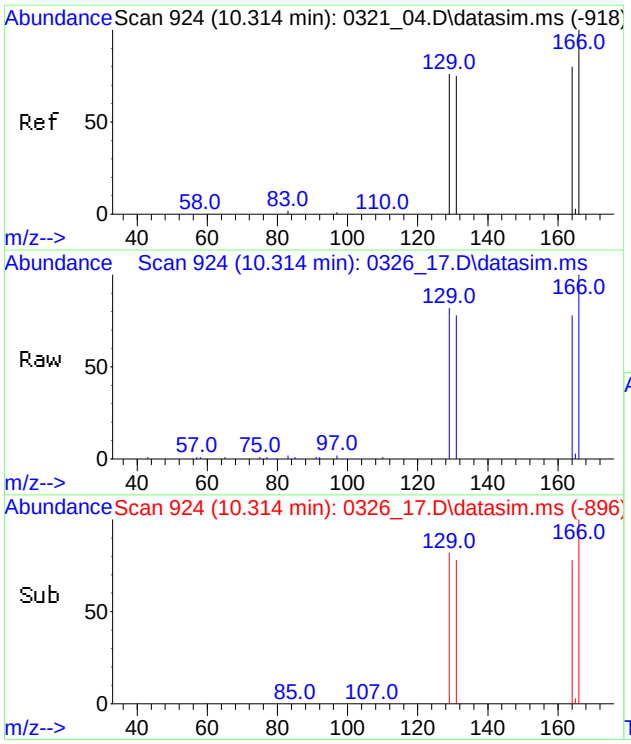


#92
Chloroform(sim)
Conc: 8$ 0.719 ppbv
RT: 7.107 min Scan# 506
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 83 Resp: 28329

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.2	78.2
47	26.6	24.2	36.4

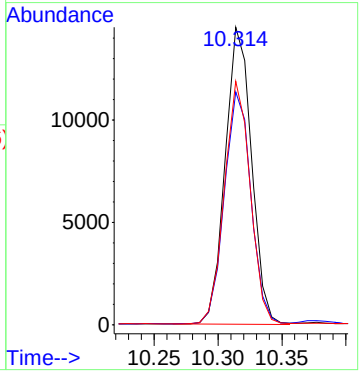


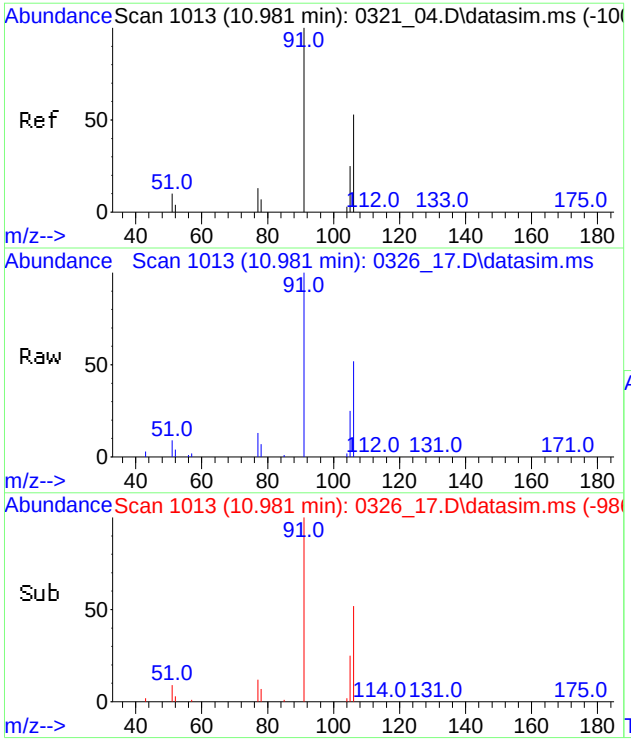


#102
Tetrachloroethene(sim)
Conc: 8$ 0.519 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:166 Resp: 20692

Ion	Ratio	Lower	Upper
166	100		
164	79.0	54.6	94.6
129	79.8	52.2	92.2

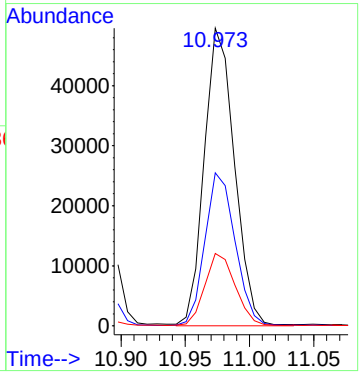


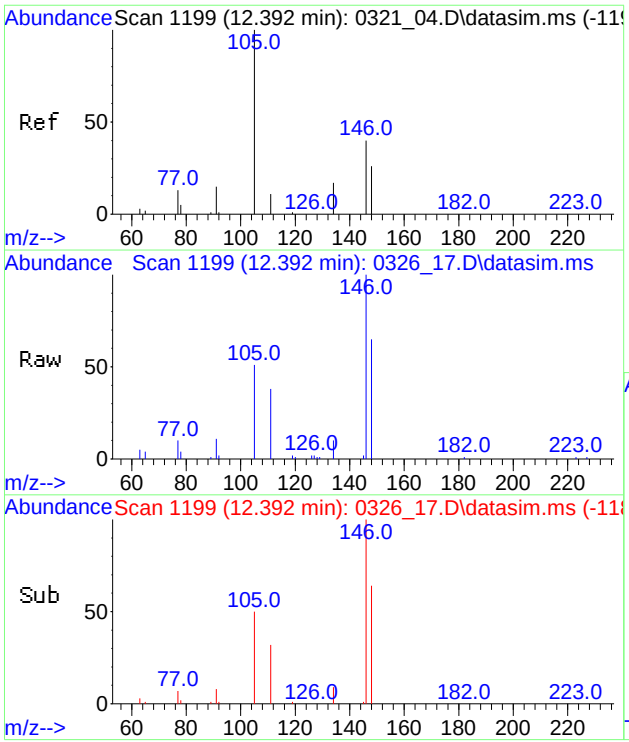


#105
m,p-Xylene(sim)
Conc: 8$ 1.087 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion: 91 Resp: 70598

Ion	Ratio	Lower	Upper
91	100		
106	52.3	39.6	48.4#
105	24.5	16.6	24.8

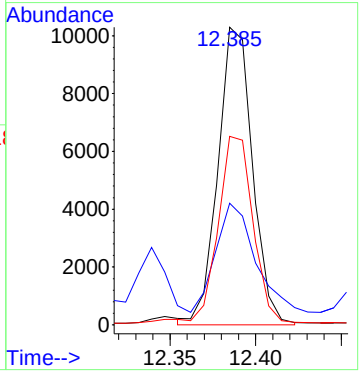




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.181 ppbv
RT: 12.389 min Scan# 1199
Delta R.T. 0.000 min
Lab File: 0326_17.D
Acq: 26 Mar 2025 10:05 pm

Tgt Ion:146 Resp: 11724

Ion	Ratio	Lower	Upper
146	100		
111	45.1	32.3	72.3
148	64.9	43.4	83.4



Response Factor Report CHEM20

Method Path : H:\AIR2025\CHEM20\Methods\
Method File : 20_AIR_0318.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Mar 18 16:08:59 2025
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=0318_07.D 0.05=0318_08.D 0.10=0318_09.D 0.2 =0318_10.D 0.5 =0318_11.D 1.0 =0318_16.D 2.5 =0318_12.D 5.0 =0318_13.D
10 =0318_17.D 25 =0318_14.D 40 =0318_15.D 0.02=0318_06.D 0.01=0318_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				0.665	0.594	0.617	0.608	0.565	0.553	0.491	0.440			0.567	12.80
3)	Dichlorodifluo...				3.179	3.180	3.568	3.448	2.900	2.972	2.837	2.603			3.086	10.42
4)	Chloromethane				1.809	1.743	1.971	1.849	1.753	1.636	1.404	1.221			1.673	14.77
5)	1,2-Dichlorote...				7.419	6.999	8.083	7.872	7.163	6.797	6.034	5.327			6.962	13.18
6)	Vinyl Chloride				2.309	2.218	2.572	2.439	2.223	2.053	1.785	1.559			2.145	15.65
7)	1,3-Butadiene				1.662	1.531	1.823	1.720	1.536	1.418	1.277	1.116			1.510	15.52
8)	Bromomethane				3.093	2.828	3.188	3.082	2.791	2.617	2.325	2.040			2.746	14.63
9)	Chloroethane				1.304	1.140	1.227	1.195	1.086	1.014	0.887	0.776			1.079	16.53
11)	Ethanol					1.157	1.037	1.020	0.883	0.838	0.724	0.628			0.898	20.77
12)	Acetone				5.645	4.027	4.442	4.401	3.899	3.613	3.136	2.715			3.985	22.48
13)	Trichlorofluor...				8.863	8.323	9.544	9.440	8.500	7.907	7.034	6.228			8.230	13.94
14)	Isopropylalcohol				5.130	4.774	4.927	4.779	4.473	4.060	3.435	2.930			4.313	18.06
15)	Acrylonitrile				2.044	1.717	1.938	2.073	1.720	1.589	1.381	1.172			1.704	18.65
16)	1,1-Dichloroet...				4.519	4.381	4.801	4.742	4.277	3.918	3.476	3.041			4.144	15.03
17)	Methylene Chlo...				4.003	3.237	3.227	3.102	2.720	2.466	2.127	1.856			2.842	24.38
20)	Carbon Disulfide				8.299	7.754	8.657	8.433	7.548	6.929	6.109	5.346			7.384	15.95
21)	Trichlorotrifl...				6.689	6.396	7.122	6.958	6.262	5.775	5.247	4.709			6.145	13.75
22)	Trans-1,2-Dich...				1.172	1.143	1.263	1.264	1.139	1.118	1.044	0.962			1.138	8.97
23)	1,1-Dichloroet...				1.652	1.429	1.620	1.618	1.466	1.404	1.298	1.199			1.461	11.16
24)	Methyl tert-bu...				2.447	2.196	2.574	2.443	2.240	2.164	2.058	1.906			2.254	9.88
25)	Methyl Ethyl K...				1.965	1.695	1.897	1.801	1.693	1.615	1.510	1.363			1.692	11.73
26)	Cis-1,2-Dichlo...				1.113	1.074	1.303	1.200	1.113	1.079	1.003	0.931			1.102	10.31
27)	Hexane				1.241	1.124	1.298	1.309	1.190	1.155	1.122	1.085			1.191	7.06
28)	Chloroform				1.910	1.893	2.080	2.055	1.912	1.849	1.712	1.601			1.877	8.54
29)	Ethyl acetate				0.254	0.250	0.269	0.284	0.282	0.277	0.275	0.269			0.270	4.61
30)	Tetrahydrofuran				0.839	0.782	0.964	0.908	0.877	0.819	0.746	0.674			0.826	11.22
31)	1,2-Dichloroet...				1.326	1.126	1.286	1.303	1.207	1.170	1.100	1.030			1.194	8.91
32)	1,1,1-Trichlor...				2.024	1.962	2.239	2.191	2.047	1.965	1.942	1.857			2.028	6.36
33)	Benzene				2.593	2.401	2.835	2.729	2.617	2.493	2.326	2.137			2.516	8.97
34)	Carbon Tetrach...				1.873	1.953	2.318	2.305	2.199	2.180	2.205	2.168			2.150	7.34
35)	Cyclohexane				1.251	0.998	1.228	1.142	1.057	1.006	0.933	0.858			1.059	13.12
36)	Int 1,4-Difluorobenzene	----------ISTD----------														
37)	1,2-dichloropr...				0.299	0.281	0.313	0.334	0.298	0.303	0.319	0.323			0.309	5.44
38)	Bromodichlorom...				0.535	0.555	0.646	0.682	0.644	0.680	0.851	1.000			0.699	22.11
39)	Trichloroethene				0.433	0.400	0.462	0.481	0.465	0.488	0.635	0.773			0.517	24.05
40)	2,2,4-trimethy...				1.061	1.058	1.273	1.319	1.153	1.176	1.445	1.684			1.271	16.71
41)	qf 1,4-Dioxane				0.096	0.257	1.137	2.712	5.240	9.730	25.05	39.99			Coef R2	1.00
43)	Heptane				0.452	0.437	0.473	0.488	0.454	0.433	0.474	0.484			0.462	4.50

Method Path : H:\AIR2025\CHEM20\Methods\
Method File : 20_AIR_0318.M
Title : VOA Standards for 5 point calibration

44)	cis-1,3-Dichlo...	0.415	0.425	0.494	0.500	0.475	0.502	0.590	0.667			0.509	16.45
45)	4-Methyl-2-pen...	0.587	0.571	0.758	0.743	0.694	0.695	0.793	0.850			0.711	13.54
46)	trans-1,3-Dich...	0.334	0.334	0.408	0.400	0.386	0.389	0.430	0.447			0.391	10.38
47)	1,1,2-Trichlor...	0.338	0.333	0.381	0.378	0.347	0.363	0.398	0.419			0.370	8.14
48)	Toluene	0.978	0.931	1.059	1.076	1.016	1.008	1.117	1.161			1.043	7.19
49)	Dibromochlorom...	0.555	0.612	0.736	0.757	0.728	0.776	0.939	1.046			0.769	20.82
50)	2-Hexanone(MBK)	0.486	0.519	0.702	0.709	0.653	0.651	0.698	0.704			0.640	13.76
51)	1,2-Dibromoeth...	0.529	0.537	0.649	0.629	0.605	0.617	0.707	0.762			0.629	12.49
52)	Tetrachloroethene	0.547	0.509	0.591	0.606	0.581	0.603	0.725	0.820			0.623	16.23
53)	Int Chlorobenzene-d5	----------ISTD----------											
54)	1,1,1,2-Tetrac...	1.015	0.940	1.162	1.210	1.050	1.032	0.994	0.949			1.044	9.21
55)	Chlorobenzene	1.790	1.723	1.933	1.843	1.679	1.633	1.502	1.387			1.686	10.61
56)	Ethylbenzene	2.606	2.478	2.809	2.819	2.507	2.409	2.044	1.747			2.427	15.17
57)	m,p-Xylene	2.047	1.843	1.773	2.129	1.948	1.899	1.766	1.670			1.885	8.13
58)	Bromoform	1.196	1.265	1.549	1.500	1.313	1.300	1.237	1.174			1.317	10.42
59)	Styrene	1.489	1.367	1.688	1.664	1.481	1.415	1.220	1.038			1.420	15.25
60)	1,1,2,2-Tetrac...	1.727	1.521	1.920	1.816	1.653	1.632	1.617	1.612			1.687	7.60
61)	o-Xylene	2.062	1.920	2.272	2.239	2.019	2.015	2.024	2.022			2.072	5.83
62)	Surr% Bromofluorob...	1.311	1.269	1.256	1.215	1.191	1.111	0.812	0.641			1.101	22.06
64)	Isopropylbenzene	2.875	2.793	3.453	3.351	2.875	2.773	2.488	2.258			2.858	13.91
65)	4-Ethyltoluene	2.985	2.766	3.383	3.301	2.995	2.882	2.595	2.334			2.905	11.93
66)	1,3,5-Trimethy...	2.370	2.418	2.731	2.596	2.357	2.264	2.102	1.930			2.346	10.88
67)	1,2,4-Trimethy...	2.347	2.321	2.791	2.890	2.700	2.810	3.297	3.266			2.803	12.91
68)	Benzyl chloride	1.531	1.509	2.067	2.139	1.991	2.017	1.849	1.726			1.853	13.09
69)	1,3-Dichlorobe...	1.867	1.755	2.320	2.037	1.887	1.813	1.744	1.715			1.892	10.63
70)	1,4-Dichlorobe...	1.821	1.755	2.215	2.101	1.904	1.938	2.133	2.145			2.002	8.46
71)	sec-Butylbenzene	3.786	3.533	4.492	4.411	3.781	3.853	4.133	4.052			4.005	8.25
72)	4-Isopropyltol...	3.258	3.297	4.247	4.146	3.529	3.576	3.783	3.682			3.690	9.76
73)	1,2-Dichlorobe...	1.724	1.710	2.246	1.964	1.763	1.678	1.559	1.434			1.760	14.17
74)	n-Butylbenzene	2.873	2.779	3.578	3.499	2.965	2.929	2.752	2.550			2.991	12.10
75)	1,2,4-Trichlor...	1.418	1.337	2.012	1.684	1.563	1.580	1.587	1.533			1.589	12.70
76)	Naphthalene	2.854	2.771	4.744	3.608	3.261	3.234	2.938	2.603			3.252	20.99
77)	Hexachlorobuta...	1.192	1.321	1.556	1.426	1.364	1.402	1.661	1.808			1.466	13.51
78)	int Bromochloromethane...	----------ISTD----------											
79)	1,2-Dichlorote...	6.810	6.667	6.074	6.622	6.370	7.313	7.134	6.387	6.927	6.948	6.725	5.63
80)	Vinyl Chloride...	2.225	2.157	2.202	2.246	2.203	2.504	2.437	2.187	2.030	2.187	2.238	6.11
81)	Bromomethane(sim)	3.014	2.888	2.690	2.761	2.574	2.888	2.797	2.494	3.209	3.228	2.854	8.59
82)	Trichlorofluor...	8.219	8.261	8.524	8.841	8.621	9.637	9.514	8.478	8.076	8.335	8.651	6.17
83)	1,2-Dichloroet...	1.183	1.289	1.206	1.184	1.025	1.165	1.183	1.079	1.194	1.354	1.186	7.81
84)	1,1,1-Trichlor...	1.965	1.916	1.970	2.070	1.987	2.340	2.307	2.131	1.990	2.144	2.082	7.07
85)	Benzene(sim)	3.002	2.903	2.192	2.314	2.185	2.567	2.476				2.520	13.01
86)	Carbon Tetrach...	1.804	1.861	1.871	1.919	1.948	2.369	2.389		1.835	2.139	2.015	11.31
87)	1,1-Dichloroet...	4.197	4.301	1.402	4.034	3.987	4.348	4.303	3.822	3.758	4.047	3.820	22.86
88)	Trichlorotrifl...	6.080	6.136	1.893	6.596	6.422	7.120	6.920	6.146	6.104	6.408	5.982	24.75
89)	Trans-1,2-Dich...	1.325	1.200	1.203	1.047	1.041	1.144	1.147	1.018			1.140	9.09
90)	1,1-Dichloroet...	1.555	1.506	1.504	1.583	1.529	1.717	1.683	1.512	1.526	1.821	1.594	6.86
91)	Cis-1,2-Dichlo...	1.232	1.119	1.158	0.993	0.977	1.180	1.089		1.272	1.388	1.156	11.34
92)	Chloroform(sim)	1.922	1.835	1.950	1.982	1.933	2.212	2.169	1.969	1.893	2.043	1.991	5.98

Method Path : H:\AIR2025\CHEM20\Methods\
Method File : 20_AIR_0318.M
Title : VOA Standards for 5 point calibration

93)	int	1,4-Difluorobenzen...	----------ISTD----------											
94)		1,2-dichloropr...	0.352	0.308	0.326	0.334	0.327	0.371	0.375	0.346	0.328	0.437	0.350	10.56
95)		Bromodichlorom...	0.645	0.615	0.596	0.535	0.555	0.646	0.682	0.644	0.626		0.616	7.60
96)		Trichloroethen...	0.441	0.434	0.441	0.455	0.445	0.537	0.536	0.510	0.446		0.472	9.14
97)	qf	1,4-Dioxane(sim)		0.037	0.068	0.125	0.240	1.066	2.560	4.986			Coef R2	1.00
98)		cis-1,3-Dichlo...	0.502	0.480	0.490	0.506	0.494	0.584	0.581		0.516	0.520	0.519	7.27
99)		1,1,2-Trichlor...	0.367	0.361	0.359	0.338	0.333	0.379	0.378	0.347	0.370	0.398	0.363	5.51
100)		Dibromochlorom...	0.694	0.658	0.677	0.701	0.689	0.843	0.853		0.695	0.820	0.737	10.57
101)		1,2-Dibromoeth...	0.616	0.633	0.582	0.529	0.537	0.649	0.629	0.605	0.662	0.693	0.614	8.53
102)		Tetrachloroeth...	0.595	0.576	0.586	0.642	0.590	0.693	0.694	0.658	0.587	0.675	0.630	7.58
103)	int	Chlorobenzene-d5(sim)	----------ISTD----------											
104)		Bromoform(sim)	1.332	1.302	1.330	1.385	1.365	1.780	1.705		1.431	2.027	1.517	16.93
105)		m,p-Xylene(sim)		2.088	1.850	2.047	1.843	2.217	2.129	1.954			2.018	7.02
106)		1,1,2,2-Tetrac...	1.823	1.756	1.770	1.883	1.797	2.145	2.068	1.882	1.754	1.968	1.885	7.22
107)		Benzyl chlorid...		1.712	1.385	1.531	1.509	2.067	2.139	1.991			1.762	17.17
108)		1,3-Dichlorobe...	2.149	2.128	2.102	2.214	2.146	2.735	2.458				2.276	10.34
109)		1,4-Dichlorobe...	2.142	2.101	1.923	1.821	1.755	2.215	2.101				2.008	8.74
110)		sec-Butylbenze...			4.036	4.211	4.098	5.164	5.035	4.322			4.478	11.02
111)		4-Isopropyltol...			3.418	3.258	3.297	4.247	4.146	3.529			3.649	11.94
112)		1,2-Dichlorobe...			2.004	2.114	2.000	2.603	2.272	2.045			2.173	10.76
113)		n-Butylbenzene...			2.716	2.873	2.779	3.578	3.499	2.965			3.068	12.21
114)		1,2,4-Trichlor...	2.095	1.832	1.504	1.646	1.600	2.422	1.955	1.828	2.596		1.942	19.12
116)		Hexachlorobuta...	1.845	1.717	1.578	1.597	1.529	1.908	1.733		2.331		1.780	14.51

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

Response Factor Report Chem24

Method Path : H:\AIR2025\CHEM24\Methods\
Method File : 24_AIR_0319.M
Title : VOA Standards for 5 point calibration
Last Update : Thu Mar 20 07:17:30 2025
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=0319_05.D 0.05=0319_06.D 0.10=0319_07.D 0.2 =0319_08.D 0.5 =0319_09.D 1.0 =0319_14.D 2.5 =0319_10.D 5.0 =0319_11.D
10 =0319_15.D 25 =0319_12.D 40 =0319_13.D 0.02=0319_04.D 0.01=0319_03.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				1.477	1.115	1.046	1.124	1.057	1.036	1.071	1.096			1.128	12.82
3)	Dichlorodifluo...				3.432	3.348	3.037	3.198	3.175	3.304	3.158	3.071			3.215	4.24
4)	Chloromethane				1.781	1.584	1.372	1.418	1.394	1.351	1.327	1.345			1.446	10.89
5)	1,2-Dichlorote...				3.187	3.002	2.917	2.907	2.852	2.883	2.762	2.842			2.919	4.39
6)	Vinyl Chloride				1.509	1.378	1.265	1.264	1.234	1.226	1.218	1.237			1.291	7.87
7)	1,3-Butadiene				1.264	1.150	1.038	1.045	1.046	1.031	1.029	1.046			1.081	7.72
8)	Bromomethane				1.444	1.224	1.173	1.093	1.060	1.076	1.045	1.083			1.150	11.60
9)	Chloroethane				0.561	0.534	0.539	0.516	0.495	0.501	0.496	0.510			0.519	4.57
11)	Ethanol				0.944	0.707	0.592	0.572	0.598	0.560	0.568	0.541			0.635	21.16
12)	Acetone				2.482	2.178	1.898	2.033	1.939	1.943	1.982	1.994			2.056	9.32
13)	Trichlorofluor...				3.674	3.383	3.195	3.187	3.178	3.208	3.123	3.363			3.289	5.49
14)	Isopropylalcohol				2.714	2.474	2.574	2.596	2.577	2.541	2.510	2.336			2.540	4.28
15)	Acrylonitrile				1.250	1.070	0.963	0.978	0.956	0.985	1.000	1.015			1.027	9.43
16)	1,1-Dichloroet...				2.256	2.062	1.944	1.993	2.000	1.998	2.012	2.035			2.037	4.65
17)	Methylene Chlo...				2.549	2.028	1.714	1.725	1.673	1.630	1.613	1.627			1.820	17.77
20)	Carbon Disulfide				3.338	3.196	2.927	2.980	2.912	2.936	2.903	2.986			3.022	5.24
21)	Trichlorotrifl...				2.649	2.590	2.344	2.389	2.349	2.342	2.279	2.297			2.405	5.72
22)	Trans-1,2-Dich...				2.090	1.933	1.852	1.823	1.854	1.855	1.888	1.945			1.905	4.51
23)	1,1-Dichloroet...				2.446	2.303	2.205	2.213	2.206	2.202	2.208	2.240			2.253	3.77
24)	Methyl tert-bu...				2.733	2.493	2.620	2.545	2.516	2.699	2.745	2.823			2.647	4.58
25)	Methyl Ethyl K...				2.859	2.771	2.609	2.680	2.522	2.632	2.757	2.801			2.704	4.17
26)	Cis-1,2-Dichlo...				1.938	1.795	1.717	1.761	1.731	1.746	1.786	1.834			1.788	3.99
27)	Hexane				2.009	1.863	1.745	1.825	1.884	1.878	1.946	1.961			1.889	4.41
28)	Chloroform				2.703	2.537	2.421	2.381	2.351	2.376	2.359	2.441			2.446	4.90
29)	Ethyl acetate				0.476	0.437	0.409	0.436	0.418	0.426	0.443	0.450			0.437	4.72
30)	Tetrahydrofuran				1.362	1.269	1.174	1.244	1.262	1.315	1.358	1.384			1.296	5.54
31)	1,2-Dichloroet...				1.984	1.856	1.758	1.751	1.737	1.771	1.790	1.834			1.810	4.49
32)	1,1,1-Trichlor...				2.821	2.672	2.524	2.506	2.476	2.537	2.508	2.645			2.586	4.55
33)	Benzene		3.773		3.569	3.196	3.112	3.084	3.037	3.125	3.130	3.258			3.254	7.68
34)	Carbon Tetrach...				3.162	3.067	2.854	2.905	2.866	2.952	2.930	3.045			2.973	3.65
35)	Cyclohexane				1.706	1.336	1.186	1.123	1.157	1.158	1.181	1.222			1.259	15.25
36)	Int 1,4-Difluorobenzene	----------ISTD----------														
37)	1,2-dichloropr...				0.483	0.460	0.413	0.430	0.418	0.422	0.425	0.433			0.435	5.46
38)	Bromodichlorom...				0.852	0.804	0.734	0.765	0.742	0.756	0.764	0.777			0.774	4.91
39)	Trichloroethene				0.497	0.513	0.474	0.484	0.461	0.469	0.454	0.453			0.476	4.44
40)	2,2,4-trimethy...				1.880	1.804	1.735	1.811	1.783	1.762	1.768	1.708			1.781	2.93
41)	1,4-Dioxane				0.162	0.163	0.213	0.195	0.205	0.209	0.202	0.196			0.193	10.30
43)	Heptane				0.766	0.709	0.676	0.726	0.701	0.700	0.724	0.722			0.716	3.69

Method Path : H:\AIR2025\CHEM24\Methods\
Method File : 24_AIR_0319.M
Title : VOA Standards for 5 point calibration

44)		cis-1,3-Dichlo...			0.613	0.574	0.560	0.574	0.571	0.585	0.611	0.605		0.587	3.46
45)		4-Methyl-2-pen...			0.946	0.916	0.878	0.897	0.927	0.904	0.955	0.919		0.918	2.76
46)		trans-1,3-Dich...			0.473	0.437	0.464	0.465	0.458	0.483	0.505	0.519		0.476	5.55
47)		1,1,2-Trichlor...			0.462	0.440	0.414	0.425	0.407	0.410	0.413	0.419		0.424	4.38
48)		Toluene			1.142	1.110	1.086	1.111	1.096	1.134	1.147	1.164		1.124	2.41
49)		Dibromochlorom...			0.961	0.950	0.909	0.914	0.889	0.923	0.927	0.952		0.928	2.65
50)		2-Hexanone(MBK)			0.658	0.664	0.773	0.726	0.838	0.826	0.907	0.895		0.786	12.35
51)		1,2-Dibromoeth...			0.768	0.720	0.706	0.704	0.682	0.698	0.715	0.726		0.715	3.57
52)		Tetrachloroethene			0.815	0.785	0.755	0.747	0.724	0.753	0.738	0.753		0.759	3.77
53)	Int	Chlorobenzene-d5	----------ISTD----------												
54)		1,1,1,2-Tetrac...			1.381	1.369	1.283	1.261	1.170	1.169	1.057	0.988		1.210	11.63
55)		Chlorobenzene			2.218	2.085	2.007	2.014	1.900	1.870	1.693	1.568		1.919	10.99
56)		Ethylbenzene		3.105	3.000	2.923	2.996	2.971	2.851	2.925	2.683	2.476		2.881	6.65
57)		m,p-Xylene		2.309	2.282	2.331	1.877	2.387	2.269	2.256	2.088	1.928		2.192	8.37
58)		Bromoform			2.252	2.248	2.165	2.180	2.087	2.111	1.965	1.840		2.106	6.76
59)		Styrene			1.502	1.515	1.684	1.698	1.658	1.742	1.629	1.526		1.619	5.74
60)		1,1,2,2-Tetrac...			1.988	1.902	1.793	1.855	1.800	1.744	1.609	1.484		1.772	9.11
61)		o-Xylene		2.496	2.398	2.312	2.376	2.473	2.328	2.333	2.122	1.979		2.313	7.16
62)	Surr%	Bromofluorob...			1.168	1.184	1.224	1.229	1.260	1.242	1.162	1.109		1.197	4.19
64)		Isopropylbenzene			3.654	3.666	3.531	3.636	3.350	3.388	3.069	2.843		3.392	8.84
65)		4-Ethyltoluene			2.756	2.995	3.240	3.371	3.382	3.296	3.038	3.006		3.135	7.06
66)		1,3,5-Trimethy...			2.752	2.876	2.872	2.975	2.839	2.858	2.610	2.281		2.758	7.99
67)		1,2,4-Trimethy...			2.380	2.575	2.760	2.925	2.896	2.931	2.658	2.484		2.701	7.82
68)	qf	Benzyl chloride			0.091	0.248	0.639	1.742	4.263	10.05	25.54	39.80		Coef R2	1.00
69)		1,3-Dichlorobe...			1.495	1.660	1.893	1.937	2.008	2.078	1.943	1.793		1.851	10.42
70)		1,4-Dichlorobe...			1.136	1.373	1.608	1.663	1.683	1.823	1.766	1.705		1.595	14.34
71)		sec-Butylbenzene			4.020	4.264	4.404	4.522	4.260	4.236	3.792	3.481		4.122	8.31
72)		4-Isopropyltol...			3.436	3.706	4.079	4.047	3.931	3.994	3.530	3.325		3.756	7.91
73)		1,2-Dichlorobe...			1.524	1.582	1.805	1.806	1.886	1.974	1.838	1.761		1.772	8.49
74)		n-Butylbenzene			2.075	2.320	2.703	2.815	3.048	3.170	3.042	2.868		2.755	13.79
75)	qf	1,2,4-Trichlor...			0.055	0.173	0.868	1.214	4.071	9.059	26.23	39.64		Coef R2	1.00
76)	qf	Naphthalene			0.051	0.182	0.846	1.279	4.193	9.466	26.01	39.68		Coef R2	1.00
77)		Hexachlorobuta...			1.775	1.916	2.060	1.837	1.902	1.849	1.648	1.529		1.814	9.11
78)	int	Bromochloromethane...	----------ISTD----------												
79)		1,2-Dichlorote...	3.107	3.144	3.572	3.136	2.989	2.896	2.910	2.821			2.938	3.675	3.119	9.24
80)		Vinyl Chloride...	1.351	1.362	1.573	1.455	1.391	1.336	1.348	1.304			1.333	1.407	1.386	5.68
81)		Bromomethane(sim)	1.300	1.457	1.390	1.421	1.219	1.164	1.095	1.051			1.328	1.647	1.307	13.90
82)		Trichlorofluor...	3.180	3.363	3.843	3.635	3.467	3.284	3.321	3.223			3.290	4.181	3.479	9.18
83)		1,2-Dichloroet...	1.945	1.977	2.073	1.952	1.848	1.744	1.755	1.721			1.862	2.069	1.895	6.82
84)		1,1,1-Trichlor...	2.583	2.640	3.138	2.904	2.767	2.673	2.658	2.597			2.605	2.744	2.731	6.33
85)		Benzene(sim)	3.808	3.331	3.737	3.512	3.183	3.089	3.091						3.393	8.82
86)		Carbon Tetrach...	2.841	2.896	3.349	3.168	3.039	2.914	2.937				2.738	3.314	3.022	7.04
87)		1,1-Dichloroet...	2.075	2.278	2.196	2.220	2.054	1.929	1.997	1.981			2.197	2.602	2.153	9.09
88)		Trichlorotrifl...	2.478	2.567	2.942	2.773	2.626	2.467	2.482	2.408			2.481	2.808	2.603	6.88
89)		Trans-1,2-Dich...	2.098	2.106	2.272	2.057	1.925	1.838	1.827	1.837			2.189	2.143	2.029	7.95
90)		1,1-Dichloroet...	2.336	2.472	2.777	2.622	2.486	2.319	2.350	2.311			2.411	2.595	2.468	6.29
91)		Cis-1,2-Dichlo...	1.965	1.938	1.904	1.907	1.787	1.704	1.764	1.715			1.893	2.035	1.861	6.01
92)		Chloroform(sim)	2.457	2.543	2.877	2.744	2.622	2.479	2.493	2.436			2.511	3.726	2.689	14.51

Method Path : H:\AIR2025\CHEM24\Methods\
Method File : 24_AIR_0319.M
Title : VOA Standards for 5 point calibration

93)	int	1,4-Difluorobenzen...	----------ISTD----------												
94)		1,2-dichloropr...	0.484	0.463	0.543	0.504	0.478	0.439	0.459	0.443	0.485	0.480	0.478	6.35
95)		Bromodichlorom...	0.833	0.868	0.913	0.852	0.804	0.734	0.765	0.742	0.860	0.861	0.823	7.27
96)		Trichloroethen...	0.477	0.510	0.572	0.541	0.513	0.497	0.495	0.481	0.499	0.550	0.513	6.09
97)		1,4-Dioxane(sim)			0.201	0.162	0.163	0.213	0.195	0.205			0.190	11.64
98)		cis-1,3-Dichlo...	0.582	0.594	0.660	0.639	0.613	0.603	0.618		0.575	0.635	0.613	4.55
99)		1,1,2-Trichlor...	0.428	0.475	0.457	0.462	0.440	0.414	0.425	0.406	0.451	0.454	0.441	5.04
100)		Dibromochlorom...	0.857	0.906	1.024	0.977	0.938	0.899	0.908		0.869	0.918	0.922	5.65
101)		1,2-Dibromoeth...	0.700	0.783	0.766	0.768	0.720	0.706	0.704	0.682	0.702	0.707	0.724	4.85
102)		Tetrachloroeth...	0.792	0.805	0.887	0.851	0.807	0.778	0.765	0.747 0.765	0.835	0.893	0.811	6.09
103)	int	Chlorobenzene-d5(sim)	----------ISTD----------												
104)		Bromoform(sim)	1.899	2.036	2.285	2.212	2.174	2.123	2.125		1.884	2.181	2.102	6.54
105)		m,p-Xylene(sim)	2.047	2.024	2.306	2.282	2.331	2.365	2.397	2.276	1.869	2.695	2.259	10.24
106)		1,1,2,2-Tetrac...	1.749	1.907	2.091	2.031	1.985	1.857	1.959	1.877	1.795	2.153	1.940	6.62
107)	qf	Benzyl chlorid...	0.021	0.037	0.073	0.165	0.436	1.052	2.495				Coef R2	1.00
108)		1,3-Dichlorobe...	1.231	1.378	1.418	1.664	1.931	1.994	2.221				1.691	21.81
109)		1,4-Dichlorobe...	0.966	1.039	1.079	1.136	1.373	1.608	1.663		1.052	1.541	1.273	21.50
110)		sec-Butylbenze...	3.647	3.899	4.506	4.473	4.654	4.761	4.903	4.626	3.638	4.749	4.385	10.84
111)		4-Isopropyltol...			3.407	3.436	3.706	4.079	4.047	3.934			3.768	7.94
112)		1,2-Dichlorobe...	1.347	1.491	1.664	1.715	1.802	1.973	1.986	2.100	1.425	2.103	1.761	15.81
113)	qf	n-Butylbenzene...		0.036	0.082	0.168	0.460	1.038	2.496				Coef R2	1.00
114)	qfi	1,2,4-Trichlor...	0.050	0.074	0.135	0.218	0.441	1.013			0.046		Coef R2	0.99
116)		Hexachlorobuta...	1.786	1.898	1.956	1.950	1.931	2.108	1.906		2.113	3.248	2.100	21.08

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

Response Factor Report Chem39

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_0325.M
Title : VOA Standards for 5 point calibration
Last Update : Wed Mar 26 08:41:21 2025
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=0325_14.D 0.05=0325_15.D 0.10=0325_16.D 0.2 =0325_17.D 0.5 =0325_18.D 1.0 =0325_23.D 2.5 =0325_19.D 5.0 =0325_20.D
10 =0325_24.D 25 =0325_21.D 40 =0325_22.D 0.02=0325_13.D 0.01=0325_12.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				1.238	0.946	0.872	0.870	0.899	0.847	0.856	0.845			0.922	14.32
3)	Dichlorodifluo...				2.825	2.703	2.661	2.641	2.739	2.677	2.623	2.499			2.671	3.54
4)	Chloromethane				1.268	1.131	1.129	1.098	1.133	1.117	1.098	1.080			1.132	5.15
5)	1,2-Dichlorote...				2.744	2.555	2.598	2.548	2.584	2.522	2.472	2.374			2.550	4.16
6)	Vinyl Chloride				1.179	1.134	1.129	1.107	1.141	1.109	1.107	1.084			1.124	2.57
7)	1,3-Butadiene				0.973	0.991	0.952	0.937	0.964	0.950	0.941	0.915			0.953	2.43
8)	Bromomethane				1.067	0.964	0.942	0.905	0.931	0.904	0.892	0.876			0.935	6.47
9)	Chloroethane				0.593	0.561	0.488	0.471	0.492	0.477	0.475	0.464			0.503	9.44
11)	Ethanol				0.917	0.546	0.590	0.503	0.482	0.498	0.449	0.429			0.552	28.28
12)	Acetone				2.674	2.109	2.056	1.921	1.905	1.859	1.851	1.816			2.024	13.92
13)	Trichlorofluor...				2.983	2.826	2.777	2.763	2.840	2.775	2.778	2.720			2.808	2.85
14)	Isopropylalcohol				2.451	2.324	2.325	2.136	2.081	2.162	2.060	2.056			2.199	6.74
15)	Acrylonitrile				0.854	0.916	0.908	0.876	0.893	0.877	0.901	0.889			0.889	2.24
16)	1,1-Dichloroet...				2.045	1.861	1.872	1.837	1.899	1.861	1.883	1.857			1.889	3.47
17)	Methylene Chlo...				2.149	1.692	1.520	1.457	1.473	1.432	1.434	1.399			1.570	16.01
20)	Carbon Disulfide				2.961	2.846	2.747	2.771	2.844	2.776	2.776	2.673			2.799	3.04
21)	Trichlorotrifl...				2.347	2.095	2.129	2.095	2.192	2.157	2.158	2.117			2.161	3.80
22)	Trans-1,2-Dich...				1.845	1.834	1.783	1.750	1.813	1.760	1.785	1.741			1.789	2.17
23)	1,1-Dichloroet...				2.126	2.127	2.053	2.030	2.114	2.035	2.062	2.018			2.071	2.18
24)	Methyl tert-bu...				2.952	2.767	2.820	2.739	2.855	2.786	2.802	2.711			2.804	2.68
25)	Methyl Ethyl K...				2.289	2.445	2.704	2.520	2.614	2.567	2.563	2.516			2.527	4.86
26)	Cis-1,2-Dichlo...				1.728	1.651	1.687	1.659	1.722	1.652	1.683	1.649			1.679	1.91
27)	Hexane				2.143	1.905	1.902	1.888	1.949	1.883	1.919	1.886			1.934	4.50
28)	Chloroform				2.345	2.311	2.264	2.257	2.335	2.257	2.256	2.187			2.276	2.26
29)	Ethyl acetate				0.439	0.402	0.446	0.437	0.448	0.432	0.441	0.439			0.435	3.32
30)	Tetrahydrofuran				1.422	1.339	1.317	1.254	1.283	1.242	1.266	1.232			1.294	4.89
31)	1,2-Dichloroet...				1.750	1.635	1.643	1.641	1.701	1.675	1.689	1.636			1.671	2.44
32)	1,1,1-Trichlor...				2.406	2.332	2.355	2.314	2.416	2.361	2.363	2.313			2.358	1.63
33)	Benzene				3.782	3.215	3.180	3.068	3.200	3.055	3.072	2.961			3.192	7.96
34)	Carbon Tetrach...				2.435	2.445	2.485	2.446	2.542	2.502	2.529	2.473			2.482	1.61
35)	Cyclohexane				1.352	1.276	1.226	1.214	1.251	1.209	1.205	1.175			1.239	4.45
36)	Int 1,4-Difluorobenzene	----------ISTD----------														
37)	1,2-dichloropr...				0.399	0.391	0.389	0.390	0.393	0.387	0.392	0.383			0.391	1.23
38)	Bromodichlorom...				0.668	0.641	0.670	0.653	0.674	0.677	0.683	0.671			0.667	2.03
39)	Trichloroethene				0.400	0.389	0.391	0.392	0.408	0.403	0.401	0.383			0.396	2.11
40)	2,2,4-trimethy...				1.712	1.666	1.660	1.655	1.693	1.663	1.636	1.527			1.651	3.37
41)	1,4-Dioxane				0.188	0.169	0.266	0.182	0.171	0.183	0.174	0.172			0.188	17.00
43)	Heptane				0.684	0.692	0.673	0.656	0.681	0.655	0.670	0.649			0.670	2.29

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_0325.M
Title : VOA Standards for 5 point calibration

44)	cis-1,3-Dichlo...			0.541	0.534	0.556	0.534	0.552	0.553	0.565	0.555			0.549	2.03
45)	4-Methyl-2-pen...			0.841	0.892	0.941	0.876	0.841	0.850	0.863	0.829			0.867	4.20
46)	trans-1,3-Dich...			0.429	0.421	0.458	0.438	0.447	0.452	0.461	0.454			0.445	3.25
47)	1,1,2-Trichlor...			0.354	0.364	0.371	0.357	0.369	0.365	0.368	0.360			0.364	1.70
48)	Toluene			1.137	1.077	1.083	1.072	1.096	1.073	1.055	1.004			1.075	3.49
49)	Dibromochlorom...			0.693	0.677	0.743	0.701	0.736	0.751	0.753	0.734			0.723	4.00
50)	2-Hexanone(MBK)			0.784	0.757	0.859	0.811	0.764	0.792	0.804	0.788			0.795	4.01
51)	1,2-Dibromoeth...			0.599	0.584	0.656	0.612	0.628	0.619	0.627	0.608			0.617	3.49
52)	Tetrachloroethene			0.526	0.516	0.514	0.501	0.519	0.516	0.514	0.494			0.513	1.98
53)	Int Chlorobenzene-d5	----------ISTD----------													
54)	1,1,1,2-Tetrac...			0.922	0.914	0.929	0.910	0.922	0.892	0.809	0.737			0.879	7.91
55)	Chlorobenzene			1.590	1.592	1.654	1.542	1.562	1.524	1.371	1.229			1.508	9.25
56)	Ethylbenzene		2.870	2.788	2.710	2.782	2.640	2.656	2.540	2.249	1.960			2.577	11.39
57)	m,p-Xylene		2.256	2.114	2.059	1.732	2.079	2.091	2.019	1.757	1.482			1.954	12.50
58)	Bromoform			1.228	1.216	1.378	1.264	1.311	1.321	1.226	1.119			1.258	6.32
59)	Styrene			1.459	1.478	1.616	1.501	1.510	1.471	1.340	1.221			1.450	8.23
60)	1,1,2,2-Tetrac...			1.533	1.519	1.685	1.525	1.592	1.557	1.395	1.252			1.507	8.69
61)	o-Xylene		2.314	2.250	2.202	2.225	2.133	2.149	2.093	1.873	1.647			2.098	10.02
62)	Surr% Bromofluorob...			1.349	1.364	1.361	1.363	1.337	1.302	1.172	1.097			1.293	7.88
64)	Isopropylbenzene			3.045	2.938	3.065	2.889	2.892	2.743	2.400	2.062			2.754	12.70
65)	4-Ethyltoluene			3.037	2.901	3.009	3.081	2.975	2.875	2.626	2.241			2.843	9.89
66)	1,3,5-Trimethy...			2.344	2.479	2.561	2.308	2.537	2.463	2.021	1.781			2.312	11.92
67)	1,2,4-Trimethy...			2.494	2.421	2.574	2.498	2.576	2.541	2.202	1.868			2.397	10.25
68)	Benzyl chloride			1.593	1.808	2.343	1.974	2.173	2.231	2.013	1.777			1.989	12.80
69)	1,3-Dichlorobe...			1.591	1.546	1.799	1.647	1.775	1.740	1.539	1.347			1.623	9.28
70)	1,4-Dichlorobe...			1.408	1.519	1.613	1.459	1.554	1.547	1.361	1.206			1.458	9.00
71)	sec-Butylbenzene			3.641	3.697	3.755	3.595	3.648	3.545	2.963	2.425			3.409	13.73
72)	4-Isopropyltol...			3.369	3.331	3.508	3.384	3.378	3.300	2.822	2.363			3.182	12.21
73)	1,2-Dichlorobe...			1.417	1.434	1.651	1.477	1.575	1.545	1.387	1.247			1.467	8.56
74)	n-Butylbenzene			2.841	2.910	3.076	2.945	2.962	2.948	2.571	2.175			2.803	10.46
75)	1,2,4-Trichlor...			0.656	0.781	0.953	0.860	1.056	1.148	1.095	1.017			0.946	17.83
76)	Naphthalene			1.197	1.639	2.260	1.853	2.242	2.512	2.361	2.146			2.026	21.52
77)	Hexachlorobuta...			0.936	0.967	1.000	0.953	1.104	1.152	1.059	0.953			1.015	7.90
78)	int Bromochloromethane...	----------ISTD----------													
79)	1,2-Dichlorote...	3.047	2.848	2.641	2.724	2.574	2.617	2.576	2.592			2.837	2.936	2.739	6.15
80)	Vinyl Chloride...	1.275	1.264	1.226	1.231	1.192	1.188	1.182	1.210			1.283	1.314	1.237	3.67
81)	Bromomethane(sim)	1.018	1.193	1.040	1.060	0.971	0.949	0.915	0.934			1.529		1.068	18.03
82)	Trichlorofluor...	3.176	3.083	3.084	3.027	2.962	2.952	2.925	2.994			3.226	3.385	3.081	4.69
83)	1,2-Dichloroet...	1.932	1.900	1.805	1.737	1.647	1.654	1.658	1.707			1.860	2.055	1.795	7.72
84)	1,1,1-Trichlor...	2.673	2.635	2.625	2.554	2.521	2.508	2.490	2.555			2.748	3.043	2.635	6.24
85)	Benzene(sim)	5.541	4.937	3.866	3.742	3.264	3.203	3.100						3.950	23.80
86)	Carbon Tetrach...	2.761	2.802	2.573	2.554	2.506	2.531	2.506				2.807	3.065	2.678	7.18
87)	1,1-Dichloroet...	2.192	2.215	2.106	2.031	1.875	1.885	1.856	1.905			2.223	2.199	2.049	7.61
88)	Trichlorotrifl...	2.401	2.390	2.328	2.319	2.246	2.219	2.216	2.274			2.455	2.594	2.344	5.09
89)	Trans-1,2-Dich...	2.002	1.987	1.863	1.832	1.848	1.795	1.769	1.819			2.024		1.882	5.11
90)	1,1-Dichloroet...	2.341	2.280	2.295	2.275	2.243	2.210	2.213	2.268			2.389	2.784	2.330	7.25
91)	Cis-1,2-Dichlo...	1.854	1.916	1.708	1.716	1.663	1.699	1.677	1.727			2.001	2.009	1.797	7.55
92)	Chloroform(sim)	3.008	2.780	2.633	2.499	2.415	2.381	2.370	2.432			3.275		2.644	12.05

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_0325.M
Title : VOA Standards for 5 point calibration

93)	int	1,4-Difluorobenzen...	----------ISTD----------												
94)		1,2-dichloropr...	0.458	0.436	0.424	0.418	0.410	0.418	0.409	0.421		0.452	0.512	0.436	7.18
95)		Bromodichlorom...	0.760	0.725	0.668	0.668	0.641	0.670	0.653	0.674		0.726	0.790	0.697	7.13
96)		Trichloroethen...	0.439	0.433	0.426	0.413	0.405	0.407	0.403	0.414		0.446	0.457	0.424	4.43
97)		1,4-Dioxane(sim)			0.167	0.188	0.169	0.266	0.182	0.171				0.191	19.82
98)		cis-1,3-Dichlo...	0.605	0.580	0.555	0.569	0.561	0.581	0.567			0.647	0.655	0.591	6.24
99)		1,1,2-Trichlor...	0.405	0.403	0.382	0.354	0.364	0.371	0.357	0.369		0.407	0.425	0.384	6.40
100)		Dibromochlorom...	0.760	0.732	0.699	0.700	0.684	0.738	0.698			0.783	0.809	0.734	5.88
101)		1,2-Dibromoeth...	0.656	0.641	0.566	0.600	0.584	0.656	0.612	0.628		0.672	0.688	0.630	6.28
102)		Tetrachloroeth...	0.573	0.555	0.528	0.514	0.503	0.510	0.496	0.515	0.506	0.597	0.622	0.538	7.91
103)	int	Chlorobenzene-d5(sim)	----------ISTD----------												
104)		Bromoform(sim)	1.253	1.225	1.183	1.171	1.161	1.345	1.216			1.317	1.383	1.250	6.44
105)		m,p-Xylene(sim)			2.256	2.160	2.088	2.184	2.085	2.098				2.145	3.17
106)		1,1,2,2-Tetrac...	1.747	1.702	1.584	1.579	1.587	1.777	1.586	1.649		1.822	1.962	1.699	7.54
107)		Benzyl chlorid...	1.957	1.666	1.457	1.593	1.808	2.343	1.967					1.827	16.12
108)		1,3-Dichlorobe...	1.886	1.726	1.571	1.617	1.674	1.848	1.668	1.789		2.065		1.761	8.77
109)		1,4-Dichlorobe...	1.663	1.640	1.476	1.408	1.519	1.613	1.459					1.540	6.44
110)		sec-Butylbenze...	3.073	2.938	2.632	2.633	2.653	2.771	2.659	2.754		3.466		2.842	9.81
111)		4-Isopropyltol...	4.294	3.991	3.309	3.369	3.331	3.508	3.384	3.378				3.571	10.28
112)		1,2-Dichlorobe...	1.748	1.691	1.472	1.523	1.564	1.749	1.575	1.680		1.955		1.662	8.89
113)		n-Butylbenzene...		3.368	2.621	2.841	2.910	3.076	2.945					2.960	8.43
114)	qf	1,2,4-Trichlor...	0.043	0.056	0.054	0.144	0.439	1.065	2.492			0.033	0.027	Coef R2	1.00
116)	qf	Hexachlorobuta...	0.048	0.062	0.092	0.187	0.484	1.014	2.498			0.035	0.026	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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM20 | Calibration Date From: 03/18/25 11:43

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/25 15:44

GC Column: | Method File: 20_AIR_0318.M

Laboratory File Ids

RRF1 0318_05.D RRF2 0318_06.D RRF3 0318_07.D RRF4 0318_08.D RRF5 0318_09.D RRF6 0318_10.D
RRF7 0318_11.D RRF8 0318_16.D RRF9 0318_12.D RRF10 0318_13.D RRF11 0318_17.D RRF12 0318_14.D
RRF13 0318_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	_ RRF	% RSD
Propylene						0.665	0.594	0.617	0.608	0.565	0.553	0.491	0.440	0.567	12.80
Dichlorodifluoromethane						3.179	3.180	3.568	3.448	2.900	2.972	2.837	2.603	3.086	10.42
Chloromethane						1.809	1.743	1.971	1.849	1.753	1.636	1.404	1.221	1.673	14.77
1,2-Dichlorotetrafluoroethane						7.419	6.999	8.083	7.872	7.163	6.797	6.034	5.327	6.962	13.18
Vinyl Chloride						2.309	2.218	2.572	2.439	2.223	2.053	1.785	1.559	2.145	15.65
1,3-Butadiene						1.662	1.531	1.823	1.720	1.536	1.418	1.277	1.116	1.510	15.52
Bromomethane						3.093	2.828	3.188	3.082	2.791	2.617	2.325	2.040	2.746	14.63
Chloroethane						1.304	1.140	1.227	1.195	1.086	1.014	0.887	0.776	1.079	16.53
Ethanol							1.157	1.037	1.020	0.883	0.838	0.724	0.628	0.898	20.77
Acetone						5.645	4.027	4.442	4.401	3.899	3.613	3.136	2.715	3.985	22.48
Trichlorofluoromethane						8.863	8.323	9.544	9.440	8.500	7.907	7.034	6.228	8.230	13.94
Isopropylalcohol						5.130	4.774	4.927	4.779	4.473	4.060	3.435	2.930	4.313	18.06
Acrylonitrile						2.044	1.717	1.938	2.073	1.720	1.589	1.381	1.172	1.704	18.65
1,1-Dichloroethene						4.519	4.381	4.801	4.742	4.277	3.918	3.476	3.041	4.144	15.03
Methylene Chloride						4.003	3.237	3.227	3.102	2.720	2.466	2.127	1.856	2.842	24.38
Carbon Disulfide						8.299	7.754	8.657	8.433	7.548	6.929	6.109	5.346	7.384	15.95
Trichlorotrifluoroethane						6.689	6.396	7.122	6.958	6.262	5.775	5.247	4.709	6.145	13.75
Trans-1,2-Dichloroethene						1.172	1.143	1.263	1.264	1.139	1.118	1.044	0.962	1.138	8.97
1,1-Dichloroethane						1.652	1.429	1.620	1.618	1.466	1.404	1.298	1.199	1.461	11.16
Methyl tert-butyl ether(MTBE)						2.447	2.196	2.574	2.443	2.240	2.164	2.058	1.906	2.254	9.88
Methyl Ethyl Ketone						1.965	1.695	1.897	1.801	1.693	1.615	1.510	1.363	1.692	11.73
Cis-1,2-Dichloroethene						1.113	1.074	1.303	1.200	1.113	1.079	1.003	0.931	1.102	10.31
Hexane						1.241	1.124	1.298	1.309	1.190	1.155	1.122	1.085	1.191	7.06
Chloroform						1.910	1.893	2.080	2.055	1.912	1.849	1.712	1.601	1.877	8.54

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM20 | Calibration Date From: 03/18/25 11:43

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/25 15:44

GC Column: | Method File: 20_AIR_0318.M

Laboratory File Ids

RRF1 0318_05.D RRF2 0318_06.D RRF3 0318_07.D RRF4 0318_08.D RRF5 0318_09.D RRF6 0318_10.D
RRF7 0318_11.D RRF8 0318_16.D RRF9 0318_12.D RRF10 0318_13.D RRF11 0318_17.D RRF12 0318_14.D
RRF13 0318_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	_ RRF	% RSD
Ethyl acetate						0.254	0.250	0.269	0.284	0.282	0.277	0.275	0.269	0.270	4.61
Tetrahydrofuran						0.839	0.782	0.964	0.908	0.877	0.819	0.746	0.674	0.826	11.22
1,2-Dichloroethane						1.326	1.126	1.286	1.303	1.207	1.170	1.100	1.030	1.194	8.91
1,1,1-Trichloroethane						2.024	1.962	2.239	2.191	2.047	1.965	1.942	1.857	2.028	6.36
Benzene						2.593	2.401	2.835	2.729	2.617	2.493	2.326	2.137	2.516	8.97
Carbon Tetrachloride						1.873	1.953	2.318	2.305	2.199	2.180	2.205	2.168	2.150	7.34
Cyclohexane						1.251	0.998	1.228	1.142	1.057	1.006	0.933	0.858	1.059	13.12
1,2-dichloropropane						0.299	0.281	0.313	0.334	0.298	0.303	0.319	0.323	0.309	5.44
Bromodichloromethane						0.535	0.555	0.646	0.682	0.644	0.680	0.851	1.000	0.699	22.11
Trichloroethene						0.433	0.400	0.462	0.481	0.465	0.488	0.635	0.773	0.517	24.05
2,2,4-trimethylpentane						1.061	1.058	1.273	1.319	1.153	1.176	1.445	1.684	1.271	16.71
1,4-Dioxane q						0.096	0.257	1.137	2.712	5.240	9.730	25.050	39.990	Coef R2	1.00
Heptane						0.452	0.437	0.473	0.488	0.454	0.433	0.474	0.484	0.462	4.50
cis-1,3-Dichloropropene						0.415	0.425	0.494	0.500	0.475	0.502	0.590	0.667	0.509	16.45
4-Methyl-2-pentanone(MIBK)						0.587	0.571	0.758	0.743	0.694	0.695	0.793	0.850	0.711	13.54
trans-1,3-Dichloropropene						0.334	0.334	0.408	0.400	0.386	0.389	0.430	0.447	0.391	10.38
1,1,2-Trichloroethane						0.338	0.333	0.381	0.378	0.347	0.363	0.398	0.419	0.370	8.14
Toluene						0.978	0.931	1.059	1.076	1.016	1.008	1.117	1.161	1.043	7.19
Dibromochloromethane						0.555	0.612	0.736	0.757	0.728	0.776	0.939	1.046	0.769	20.82
2-Hexanone(MBK)						0.486	0.519	0.702	0.709	0.653	0.651	0.698	0.704	0.640	13.76
1,2-Dibromoethane(EDB)						0.529	0.537	0.649	0.629	0.605	0.617	0.707	0.762	0.629	12.49
Tetrachloroethene						0.547	0.509	0.591	0.606	0.581	0.603	0.725	0.820	0.623	16.23
1,1,1,2-Tetrachloroethane						1.015	0.940	1.162	1.210	1.050	1.032	0.994	0.949	1.044	9.21
Chlorobenzene						1.790	1.723	1.933	1.843	1.679	1.633	1.502	1.387	1.686	10.61

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM20 | Calibration Date From: 03/18/25 11:43

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/25 15:44

GC Column: | Method File: 20_AIR_0318.M

Laboratory File Ids

RRF1 0318_05.D RRF2 0318_06.D RRF3 0318_07.D RRF4 0318_08.D RRF5 0318_09.D RRF6 0318_10.D
RRF7 0318_11.D RRF8 0318_16.D RRF9 0318_12.D RRF10 0318_13.D RRF11 0318_17.D RRF12 0318_14.D
RRF13 0318_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	_ RRF	% RSD
Ethylbenzene						2.606	2.478	2.809	2.819	2.507	2.409	2.044	1.747	2.427	15.17
m,p-Xylene						2.047	1.843	1.773	2.129	1.948	1.899	1.766	1.670	1.885	8.13
Bromoform						1.196	1.265	1.549	1.500	1.313	1.300	1.237	1.174	1.317	10.42
Styrene						1.489	1.367	1.688	1.664	1.481	1.415	1.220	1.038	1.420	15.25
1,1,2,2-Tetrachloroethane						1.727	1.521	1.920	1.816	1.653	1.632	1.617	1.612	1.687	7.60
o-Xylene						2.062	1.920	2.272	2.239	2.019	2.015	2.024	2.022	2.072	5.83
Isopropylbenzene						2.875	2.793	3.453	3.351	2.875	2.773	2.488	2.258	2.858	13.91
4-Ethyltoluene						2.985	2.766	3.383	3.301	2.995	2.882	2.595	2.334	2.905	11.93
1,3,5-Trimethylbenzene						2.370	2.418	2.731	2.596	2.357	2.264	2.102	1.930	2.346	10.88
1,2,4-Trimethylbenzene						2.347	2.321	2.791	2.890	2.700	2.810	3.297	3.266	2.803	12.91
Benzyl chloride						1.531	1.509	2.067	2.139	1.991	2.017	1.849	1.726	1.853	13.09
1,3-Dichlorobenzene						1.867	1.755	2.320	2.037	1.887	1.813	1.744	1.715	1.892	10.63
1,4-Dichlorobenzene						1.821	1.755	2.215	2.101	1.904	1.938	2.133	2.145	2.002	8.46
sec-Butylbenzene						3.786	3.533	4.492	4.411	3.781	3.853	4.133	4.052	4.005	8.25
4-Isopropyltoluene						3.258	3.297	4.247	4.146	3.529	3.576	3.783	3.682	3.690	9.76
1,2-Dichlorobenzene						1.724	1.710	2.246	1.964	1.763	1.678	1.559	1.434	1.760	14.17
n-Butylbenzene						2.873	2.779	3.578	3.499	2.965	2.929	2.752	2.550	2.991	12.10
1,2,4-Trichlorobenzene						1.418	1.337	2.012	1.684	1.563	1.580	1.587	1.533	1.589	12.70
Naphthalene						2.854	2.771	4.744	3.608	3.261	3.234	2.938	2.603	3.252	20.99
Hexachlorobutadiene						1.192	1.321	1.556	1.426	1.364	1.402	1.661	1.808	1.466	13.51
1,2-Dichlorotetrafluoroethane(sim)	6.948	6.927	6.810	6.667	6.074	6.622	6.370	7.313	7.134	6.387				6.725	5.63
Vinyl Chloride(sim)	2.187	2.030	2.225	2.157	2.202	2.246	2.203	2.504	2.437	2.187				2.238	6.11
Bromomethane(sim)	3.228	3.209	3.014	2.888	2.690	2.761	2.574	2.888	2.797	2.494				2.854	8.59
Trichlorofluoromethane(sim)	8.335	8.076	8.219	8.261	8.524	8.841	8.621	9.637	9.514	8.478				8.651	6.17

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM20 | Calibration Date From: 03/18/25 11:43

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/25 15:44

GC Column: | Method File: 20_AIR_0318.M

Laboratory File Ids

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RRF7 0318_11.D RRF8 0318_16.D RRF9 0318_12.D RRF10 0318_13.D RRF11 0318_17.D RRF12 0318_14.D
RRF13 0318_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	_ RRF	% RSD
1,2-Dichloroethane(sim)	1.354	1.194	1.183	1.289	1.206	1.184	1.025	1.165	1.183	1.079				1.186	7.81
1,1,1-Trichloroethane(sim)	2.144	1.990	1.965	1.916	1.970	2.070	1.987	2.340	2.307	2.131				2.082	7.07
Benzene(sim)			3.002	2.903	2.192	2.314	2.185	2.567	2.476					2.520	13.01
Carbon Tetrachloride(sim)	2.139	1.835	1.804	1.861	1.871	1.919	1.948	2.369	2.389					2.015	11.31
1,1-Dichloroethene(sim)	4.047	3.758	4.197	4.301	1.402	4.034	3.987	4.348	4.303	3.822				3.820	22.86
Trichlorotrifluoroethane(sim)	6.408	6.104	6.080	6.136	1.893	6.596	6.422	7.120	6.920	6.146				5.982	24.75
Trans-1,2-Dichloroethene(sim)			1.325	1.200	1.203	1.047	1.041	1.144	1.147	1.018				1.140	9.09
1,1-Dichloroethane(sim)	1.821	1.526	1.555	1.506	1.504	1.583	1.529	1.717	1.683	1.512				1.594	6.86
Cis-1,2-Dichloroethene(sim)	1.388	1.272	1.232	1.119	1.158	0.993	0.977	1.180	1.089					1.156	11.34
Chloroform(sim)	2.043	1.893	1.922	1.835	1.950	1.982	1.933	2.212	2.169	1.969				1.991	5.98
1,2-dichloropropane(sim)	0.437	0.328	0.352	0.308	0.326	0.334	0.327	0.371	0.375	0.346				0.350	10.56
Bromodichloromethane(sim)		0.626	0.645	0.615	0.596	0.535	0.555	0.646	0.682	0.644				0.616	7.60
Trichloroethene(sim)		0.446	0.441	0.434	0.441	0.455	0.445	0.537	0.536	0.510				0.472	9.14
1,4-Dioxane(sim) q				0.037	0.068	0.125	0.240	1.066	2.560	4.986				Coef R2	1.00
cis-1,3-Dichloropropene(sim)	0.52	0.516	0.502	0.480	0.490	0.506	0.494	0.584	0.581					0.519	7.27
1,1,2-Trichloroethane(sim)	0.398	0.370	0.367	0.361	0.359	0.338	0.333	0.379	0.378	0.347				0.363	5.51
Dibromochloromethane(sim)	0.82	0.695	0.694	0.658	0.677	0.701	0.689	0.843	0.853					0.737	10.57
1,2-Dibromoethane(EDB)(sim)	0.693	0.662	0.616	0.633	0.582	0.529	0.537	0.649	0.629	0.605				0.614	8.53
Tetrachloroethene(sim)	0.675	0.587	0.595	0.576	0.586	0.642	0.590	0.693	0.694	0.658				0.630	7.58
Bromoform(sim)	2.027	1.431	1.332	1.302	1.330	1.385	1.365	1.780	1.705					1.517	16.93
m,p-Xylene(sim)				2.088	1.850	2.047	1.843	2.217	2.129	1.954				2.018	7.02
1,1,2,2-Tetrachloroethane(sim)	1.968	1.754	1.823	1.756	1.770	1.883	1.797	2.145	2.068	1.882				1.885	7.22
Benzyl chloride(sim)				1.712	1.385	1.531	1.509	2.067	2.139	1.991				1.762	17.17
1,3-Dichlorobenzene(sim)			2.149	2.128	2.102	2.214	2.146	2.735	2.458					2.276	10.34

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM20 | Calibration Date From: 03/18/25 11:43

Heated Purge (Y/N): Y | Calibration Date Thru: 03/18/25 15:44

GC Column: | Method File: 20_AIR_0318.M

Laboratory File Ids

RRF1 0318_05.D RRF2 0318_06.D RRF3 0318_07.D RRF4 0318_08.D RRF5 0318_09.D RRF6 0318_10.D
RRF7 0318_11.D RRF8 0318_16.D RRF9 0318_12.D RRF10 0318_13.D RRF11 0318_17.D RRF12 0318_14.D
RRF13 0318_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	_ RRF	% RSD
1,4-Dichlorobenzene(sim)			2.142	2.101	1.923	1.821	1.755	2.215	2.101					2.008	8.74
sec-Butylbenzene(sim)					4.036	4.211	4.098	5.164	5.035	4.322				4.478	11.02
4-Isopropyltoluene(sim)					3.418	3.258	3.297	4.247	4.146	3.529				3.649	11.94
1,2-Dichlorobenzene(sim)					2.004	2.114	2.000	2.603	2.272	2.045				2.173	10.76
n-Butylbenzene(sim)					2.716	2.873	2.779	3.578	3.499	2.965				3.068	12.21
1,2,4-Trichlorobenzene(sim)		2.596	2.095	1.832	1.504	1.646	1.600	2.422	1.955	1.828				1.942	19.12
Hexachlorobutadiene(sim)		2.331	1.845	1.717	1.578	1.597	1.529	1.908	1.733					1.780	14.51
% Bromofluorobenzene						1.311	1.269	1.256	1.215	1.191	1.111	0.812	0.641	1.101	22.06

(#) 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:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2025 8:56 am
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 18 13:16:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	189057	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	647866	10.000	ng		0.00
53) Chlorobenzene-d5	10.675	82	306344	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	207552	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	647866	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.675	82	306344	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	392765	11.828	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 118.30%				
Target Compounds							Qvalue
2) Propylene	3.743	41	882	0.082	ppbv	#	53
3) Dichlorodifluoromethane	3.808	85	323	0.006	ppbv	#	1
4) Chloromethane	3.946	50	1984	0.063	ppbv	#	54
5) 1,2-Dichlorotetrafluor...	4.027	85	1367	0.010	ppbv	#	72
6) Vinyl Chloride	4.133	62	543	0.013	ppbv		81
7) 1,3-Butadiene	4.238	54	604	0.021	ppbv	#	43
8) Bromomethane	4.449	94	1015	0.020	ppbv	#	95
9) Chloroethane	4.595	64	283	0.014	ppbv	#	64
11) Ethanol	4.676	45	1152	0.068	ppbv	#	99
12) Acetone	5.066	43	6940	0.092	ppbv	#	79
13) Trichlorofluoromethane	5.155	101	1618	0.010	ppbv	#	17
14) Isopropylalcohol	5.187	45	517	0.006	ppbv	#	98
15) Acrylonitrile	5.350	53	999	0.031	ppbv	#	1
16) 1,1-Dichloroethene	5.592	61	1017	0.013	ppbv	#	62
17) Methylene Chloride	5.670	49	4705	0.088	ppbv	#	64
20) Carbon Disulfide	5.890	76	1796	0.013	ppbv	#	19
21) Trichlorotrifluoroethane	5.831	101	1388	0.012	ppbv	#	67
22) Trans-1,2-Dichloroethene	0.000	61	0	0.000	ppbv		0
23) 1,1-Dichloroethane	6.408	63	108	0.004	ppbv	#	47
24) Methyl tert-butyl ethe...	6.481	73	464	0.011	ppbv	#	92
25) Methyl Ethyl Ketone	6.674	43	234	0.007	ppbv	#	100
26) Cis-1,2-Dichloroethene	0.000	61	0	0.000	ppbv		0
27) Hexane	7.034	57	119	0.005	ppbv	#	1
28) Chloroform	0.000	83	0	0.000	ppbv		0
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.391	42	140	0.009	ppbv	#	38
31) 1,2-Dichloroethane	0.000	62	0	0.000	ppbv		0
32) 1,1,1-Trichloroethane	7.724	97	277	0.007	ppbv	#	22
33) Benzene	8.002	78	705	0.015	ppbv	#	55
34) Carbon Tetrachloride	0.000	117	0	0.000	ppbv		0
35) Cyclohexane	8.201	84	781	0.039	ppbv	#	1
37) 1,2-dichloropropane	0.000	63	0	0.000	ppbv		0
38) Bromodichloromethane	8.599	83	160	0.004	ppbv	#	65
39) Trichloroethene	8.625	130	152	0.005	ppbv	#	54
40) 2,2,4-trimethylpentane	8.633	57	843	0.010	ppbv	#	73
43) Heptane	8.772	43	401	0.013	ppbv	#	78
44) cis-1,3-Dichloropropene	0.000	75	0	0.000	ppbv		0
45) 4-Methyl-2-pentanone(M...	9.135	43	687	0.015	ppbv	#	65
46) trans-1,3-Dichloropropene	9.410	75	108	0.004	ppbv	#	47
47) 1,1,2-Trichloroethane	0.000	97	0	0.000	ppbv		0
48) Toluene	9.684	91	716	0.011	ppbv	#	92
49) Dibromochloromethane	9.931	129	268	0.005	ppbv	#	1

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2025 8:56 am
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 18 13:16:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2-Hexanone(MBK)	9.811	43	346	0.008	ppbv#	99
51) 1,2-Dibromoethane(EDB)	10.072	107	122	0.003	ppbv	83
52) Tetrachloroethene	10.318	166	161	0.004	ppbv#	11
54) 1,1,1,2-Tetrachloroethane	10.682	131	118	0.004	ppbv#	42
55) Chlorobenzene	10.690	112	442	0.009	ppbv#	1
56) Ethylbenzene	10.887	91	1027	0.014	ppbv	78
57) m,p-Xylene	10.986	91	1587	0.027	ppbv	100
58) Bromoform	11.054	173	334	0.008	ppbv#	29
59) Styrene	11.190	104	607	0.014	ppbv#	59
60) 1,1,2,2-Tetrachloroethane	11.251	83	394	0.008	ppbv#	39
61) o-Xylene	11.259	91	700	0.011	ppbv#	43
64) Isopropylbenzene	11.569	105	1090	0.012	ppbv#	100
65) 4-Ethyltoluene	11.949	105	1199	0.013	ppbv#	61
66) 1,3,5-Trimethylbenzene	11.979	105	1043	0.015	ppbv#	100
67) 1,2,4-Trimethylbenzene	12.238	105	1072	0.012	ppbv#	71
68) Benzyl chloride	12.344	91	387	0.007	ppbv#	60
69) 1,3-Dichlorobenzene	12.352	146	555	0.010	ppbv#	50
70) 1,4-Dichlorobenzene	12.397	146	912	0.015	ppbv	100
71) sec-Butylbenzene	12.405	105	1602	0.013	ppbv#	56
72) 4-Isopropyltoluene	12.496	119	1455	0.013	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	962	0.018	ppbv#	74
74) n-Butylbenzene	12.754	91	1734	0.019	ppbv	95
75) 1,2,4-Trichlorobenzene	13.756	180	2050	0.042	ppbv#	80
76) Naphthalene	13.855	128	5002	0.050	ppbv#	96
77) Hexachlorobutadiene	14.091	225	1155	0.026	ppbv	87
79] 1,2-Dichlorotetrafluor...	4.030	85	1442m	0.010	ppbv	72
80] Vinyl Chloride(sim)	4.128	62	454m	0.010	ppbv	80
81] Bromomethane(sim)	4.460	94	670m	0.011	ppbv	94
82] Trichlorofluoromethane...	5.158	101	1730	0.010	ppbv#	86
83] 1,2-Dichloroethane(sim)	7.564	62	281m	0.011	ppbv	0
84] 1,1,1-Trichloroethane(...	7.727	97	445	0.010	ppbv#	94
85] Benzene(sim)	8.005	78	801m	0.015	ppbv	55
86] Carbon Tetrachloride(sim)	8.100	117	444	0.011	ppbv	96
87] 1,1-Dichloroethene(sim)	5.589	61	840m	0.011	ppbv	62
88] Trichlorotrifluoroetha...	5.840	101	1330	0.011	ppbv#	88
89] Trans-1,2-Dichloroethe...	6.275	61	296m	0.013	ppbv	0
90] 1,1-Dichloroethane(sim)	6.406	63	378	0.011	ppbv#	84
91] Cis-1,2-Dichloroethene...	6.929	61	288m	0.012	ppbv	0
92] Chloroform(sim)	7.107	83	424	0.010	ppbv#	82
94] 1,2-dichloropropane(sim)	8.489	63	283	0.012	ppbv#	75
95] Bromodichloromethane(sim)	8.602	83	447m	0.011	ppbv	64
96] Trichloroethene(sim)	8.628	130	364	0.012	ppbv#	82
97] 1,4-Dioxane(sim)	8.645	88	170m	0.014	ppbv	0
98] cis-1,3-Dichloropropen...	9.110	75	337	0.010	ppbv#	90
99] 1,1,2-Trichloroethane(...	9.518	97	258m	0.011	ppbv	0
100] Dibromochloromethane(sim)	9.934	129	531	0.011	ppbv#	1
101] 1,2-Dibromoethane(EDB)...	10.074	107	449m	0.011	ppbv	83
102] Tetrachloroethene(sim)	10.321	166	437	0.011	ppbv#	86
104] Bromoform(sim)	11.064	173	621	0.013	ppbv	94
105] m,p-Xylene(sim)	10.981	91	1836m	0.030	ppbv	86
106] 1,1,2,2-Tetrachloroeth...	11.246	83	603	0.010	ppbv#	97
107] Benzyl chloride(sim)	12.332	91	731m	0.014	ppbv	60
108] 1,3-Dichlorobenzene(sim)	12.354	146	1016	0.015	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.392	146	992m	0.016	ppbv	75
110] sec-Butylbenzene(sim)	12.400	105	1811	0.013	ppbv	96

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2025 8:56 am
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 18 13:16:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

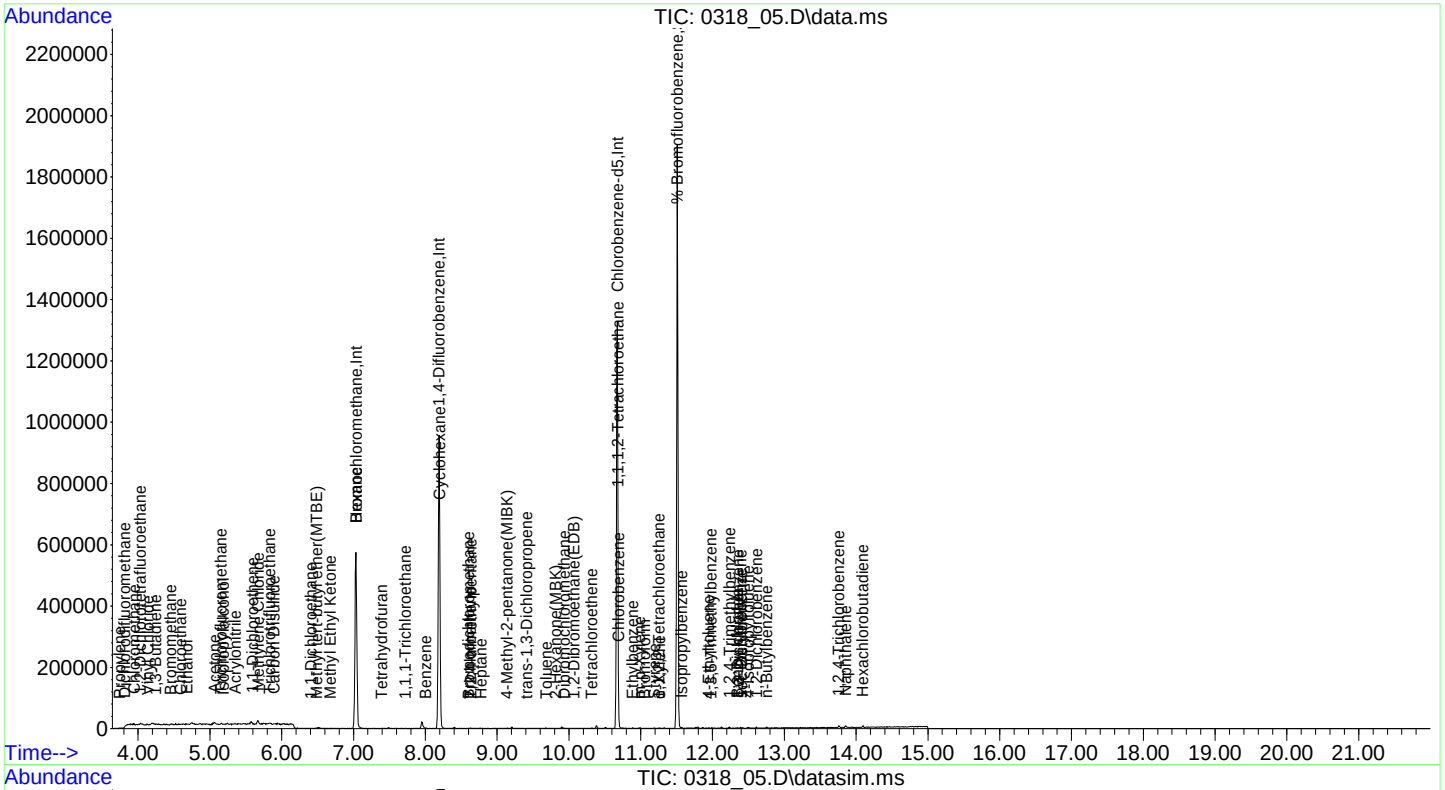
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.491	119	1900m	0.017	ppbv	81
112] 1,2-Dichlorobenzene(sim)	12.613	146	1069	0.016	ppbv	94
113] n-Butylbenzene(sim)	12.757	91	1789m	0.019	ppbv	95
114] 1,2,4-Trichlorobenzene...	13.759	180	2343	0.039	ppbv	98
116] Hexachlorobutadiene(sim)	14.094	225	1459	0.027	ppbv	99

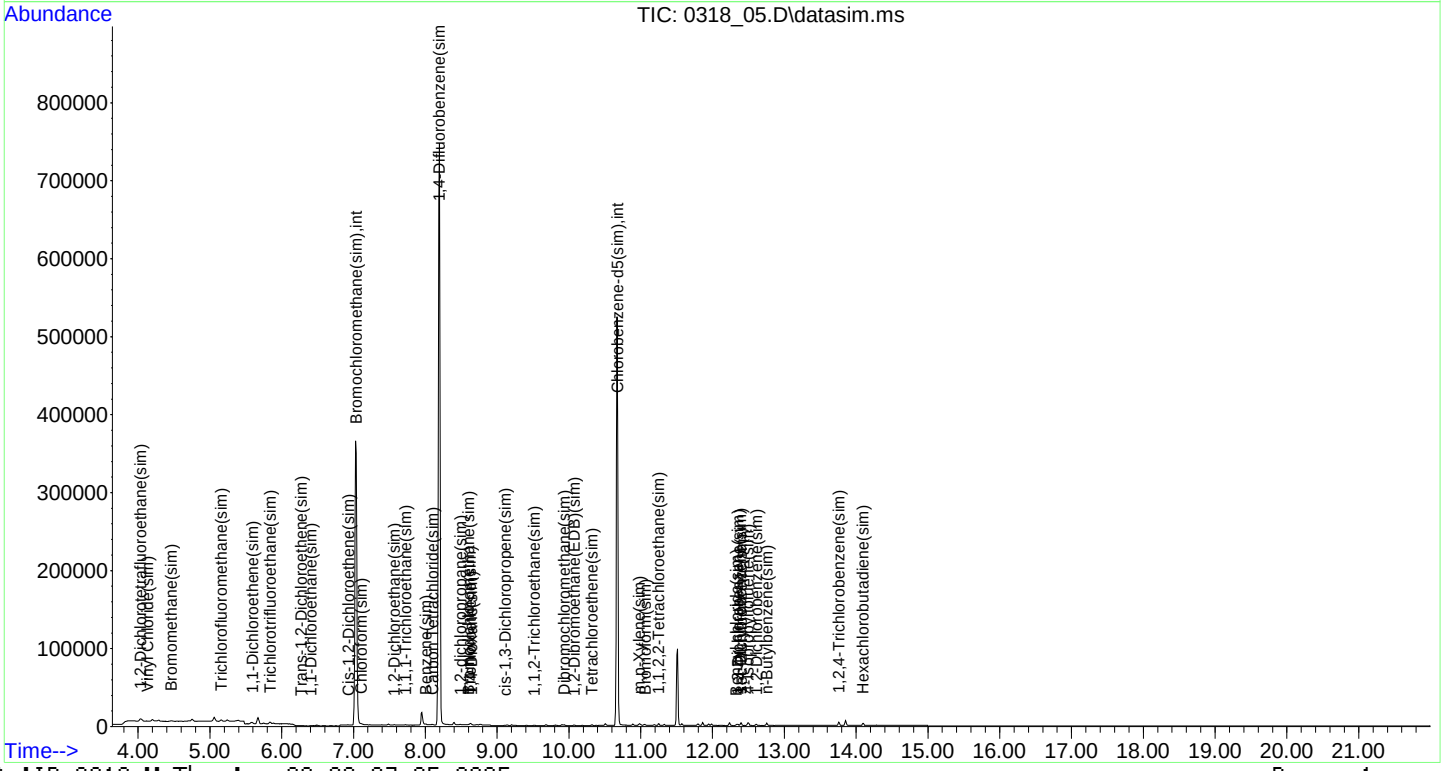
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_05.D
Acq On : 18 Mar 2025 8:56 am
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 18 13:16:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_06.D
Acq On : 18 Mar 2025 9:29 am
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 13:17:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	181464	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	623850	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	293921	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	200528	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	623850	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	293921	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	374392	11.752	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.50%				
Target Compounds							Qvalue
2) Propylene	3.751	41	305	0.030	ppbv	#	33
3) Dichlorodifluoromethane	3.808	85	1223	0.022	ppbv	#	84
4) Chloromethane	3.946	50	1416	0.047	ppbv	#	39
5) 1,2-Dichlorotetrafluor...	4.027	85	2282	0.018	ppbv	#	67
6) Vinyl Chloride	4.125	62	839	0.022	ppbv	#	66
7) 1,3-Butadiene	4.254	54	550	0.020	ppbv	#	1
8) Bromomethane	4.457	94	1424	0.029	ppbv	#	21
9) Chloroethane	4.595	64	782	0.040	ppbv	#	59
11) Ethanol	4.717	45	1526	0.094	ppbv	#	66
12) Acetone	5.009	43	233	0.003	ppbv	#	100
13) Trichlorofluoromethane	5.147	101	3062	0.021	ppbv	#	59
14) Isopropylalcohol	5.187	45	309	0.004	ppbv	#	98
15) Acrylonitrile	5.366	53	1161	0.038	ppbv	#	1
16) 1,1-Dichloroethene	5.592	61	1564	0.021	ppbv	#	77
17) Methylene Chloride	5.664	49	4985	0.097	ppbv	#	60
20) Carbon Disulfide	5.878	76	2652	0.020	ppbv	#	94
21) Trichlorotrifluoroethane	5.837	101	2187	0.020	ppbv	#	80
22) Trans-1,2-Dichloroethene	6.272	61	230	0.011	ppbv	#	59
23) 1,1-Dichloroethane	6.408	63	536	0.020	ppbv	#	47
24) Methyl tert-butyl ethe...	6.470	73	872	0.021	ppbv	#	96
25) Methyl Ethyl Ketone	6.679	43	786	0.026	ppbv	#	100
26) Cis-1,2-Dichloroethene	6.926	61	129	0.006	ppbv	#	1
27) Hexane	7.042	57	445	0.021	ppbv	#	51
28) Chloroform	7.104	83	419	0.012	ppbv	#	65
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.398	42	172	0.011	ppbv	#	38
31) 1,2-Dichloroethane	7.569	62	121	0.006	ppbv	#	42
32) 1,1,1-Trichloroethane	7.716	97	457	0.012	ppbv	#	69
33) Benzene	8.002	78	1299	0.028	ppbv	#	68
34) Carbon Tetrachloride	8.106	117	345	0.009	ppbv	#	60
35) Cyclohexane	8.192	84	1170	0.061	ppbv	#	1
37) 1,2-dichloropropane	8.495	63	153	0.008	ppbv	#	21
38) Bromodichloromethane	8.607	83	338	0.008	ppbv	#	28
39) Trichloroethene	8.625	130	283	0.009	ppbv	#	86
40) 2,2,4-trimethylpentane	8.633	57	1286	0.016	ppbv	#	76
43) Heptane	8.763	43	559	0.019	ppbv	#	62
44) cis-1,3-Dichloropropene	9.114	75	412	0.013	ppbv	#	47
45) 4-Methyl-2-pentanone(M...	9.142	43	801	0.018	ppbv	#	50
46) trans-1,3-Dichloropropene	9.410	75	245	0.010	ppbv	#	47
47) 1,1,2-Trichloroethane	9.515	97	122	0.005	ppbv	#	1
48) Toluene	9.677	91	1299	0.020	ppbv	#	84
49) Dibromochloromethane	9.931	129	745	0.016	ppbv		96

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_06.D
Acq On : 18 Mar 2025 9:29 am
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 13:17:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	2-Hexanone(MBK)	9.811	43	843	0.021	ppbv#	80
51)	1,2-Dibromoethane(EDB)	10.071	107	595	0.015	ppbv	97
52)	Tetrachloroethene	10.318	166	723	0.019	ppbv#	82
54)	1,1,1,2-Tetrachloroethane	10.682	131	500	0.016	ppbv#	54
55)	Chlorobenzene	10.690	112	850	0.017	ppbv#	1
56)	Ethylbenzene	10.887	91	1695	0.024	ppbv#	64
57)	m,p-Xylene	10.986	91	2333	0.042	ppbv	100
58)	Bromoform	11.061	173	611	0.016	ppbv#	79
59)	Styrene	11.183	104	713	0.017	ppbv#	36
60)	1,1,2,2-Tetrachloroethane	11.251	83	1013	0.020	ppbv#	69
61)	o-Xylene	11.259	91	1328	0.022	ppbv#	84
64)	Isopropylbenzene	11.569	105	2146	0.026	ppbv#	98
65)	4-Ethyltoluene	11.949	105	2160	0.025	ppbv#	76
66)	1,3,5-Trimethylbenzene	11.987	105	1434	0.021	ppbv#	100
67)	1,2,4-Trimethylbenzene	12.238	105	1521	0.018	ppbv#	81
68)	Benzyl chloride	12.329	91	990	0.018	ppbv#	60
69)	1,3-Dichlorobenzene	12.351	146	1122	0.020	ppbv#	73
70)	1,4-Dichlorobenzene	12.389	146	1014	0.017	ppbv	100
71)	sec-Butylbenzene	12.397	105	2095	0.018	ppbv#	82
72)	4-Isopropyltoluene	12.488	119	1907	0.018	ppbv	100
73)	1,2-Dichlorobenzene	12.610	146	1076	0.021	ppbv#	86
74)	n-Butylbenzene	12.754	91	1882	0.021	ppbv#	86
75)	1,2,4-Trichlorobenzene	13.764	180	1197	0.026	ppbv#	76
76)	Naphthalene	13.848	128	2911	0.030	ppbv#	96
77)	Hexachlorobutadiene	14.091	225	953	0.022	ppbv	79
79]	1,2-Dichlorotetrafluor...	4.030	85	2778m	0.021	ppbv	67
80]	Vinyl Chloride(sim)	4.128	62	814	0.018	ppbv#	79
81]	Bromomethane(sim)	4.460	94	1287m	0.022	ppbv	21
82]	Trichlorofluoromethane...	5.158	101	3239	0.019	ppbv#	94
83]	1,2-Dichloroethane(sim)	7.564	62	479m	0.020	ppbv	93
84]	1,1,1-Trichloroethane(...	7.719	97	798	0.019	ppbv#	95
85]	Benzene(sim)	8.002	78	1299	0.026	ppbv#	68
86]	Carbon Tetrachloride(sim)	8.100	117	736	0.018	ppbv	97
87]	1,1-Dichloroethene(sim)	5.589	61	1507m	0.020	ppbv	77
88]	Trichlorotrifluoroetha...	5.839	101	2448	0.020	ppbv#	96
89]	Trans-1,2-Dichloroethe...	6.275	61	489m	0.021	ppbv	59
90]	1,1-Dichloroethane(sim)	6.405	63	612	0.019	ppbv#	96
91]	Cis-1,2-Dichloroethene...	6.929	61	510m	0.022	ppbv	1
92]	Chloroform(sim)	7.107	83	759	0.019	ppbv#	82
94]	1,2-dichloropropane(sim)	8.489	63	409	0.019	ppbv	94
95]	Bromodichloromethane(sim)	8.602	83	781m	0.020	ppbv	29
96]	Trichloroethene(sim)	8.628	130	556	0.019	ppbv	86
97]	1,4-Dioxane(sim)	8.645	88	456m	0.038	ppbv	0
98]	cis-1,3-Dichloropropen...	9.110	75	644	0.020	ppbv	96
99]	1,1,2-Trichloroethane(...	9.518	97	462m	0.020	ppbv	0
100]	Dibromochloromethane(sim)	9.927	129	867	0.019	ppbv#	76
101]	1,2-Dibromoethane(EDB)...	10.074	107	826m	0.022	ppbv	97
102]	Tetrachloroethene(sim)	10.321	166	733	0.019	ppbv	92
104]	Bromoform(sim)	11.057	173	841	0.019	ppbv	97
105]	m,p-Xylene(sim)	10.981	91	2767m	0.047	ppbv	97
106]	1,1,2,2-Tetrachloroeth...	11.246	83	1031	0.019	ppbv#	96
107]	Benzyl chloride(sim)	12.332	91	1181m	0.023	ppbv	60
108]	1,3-Dichlorobenzene(sim)	12.354	146	1397	0.021	ppbv#	90
109]	1,4-Dichlorobenzene(sim)	12.392	146	1332m	0.023	ppbv	78
110]	sec-Butylbenzene(sim)	12.400	105	2696	0.020	ppbv	95

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_06.D
Acq On : 18 Mar 2025 9:29 am
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 13:17:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

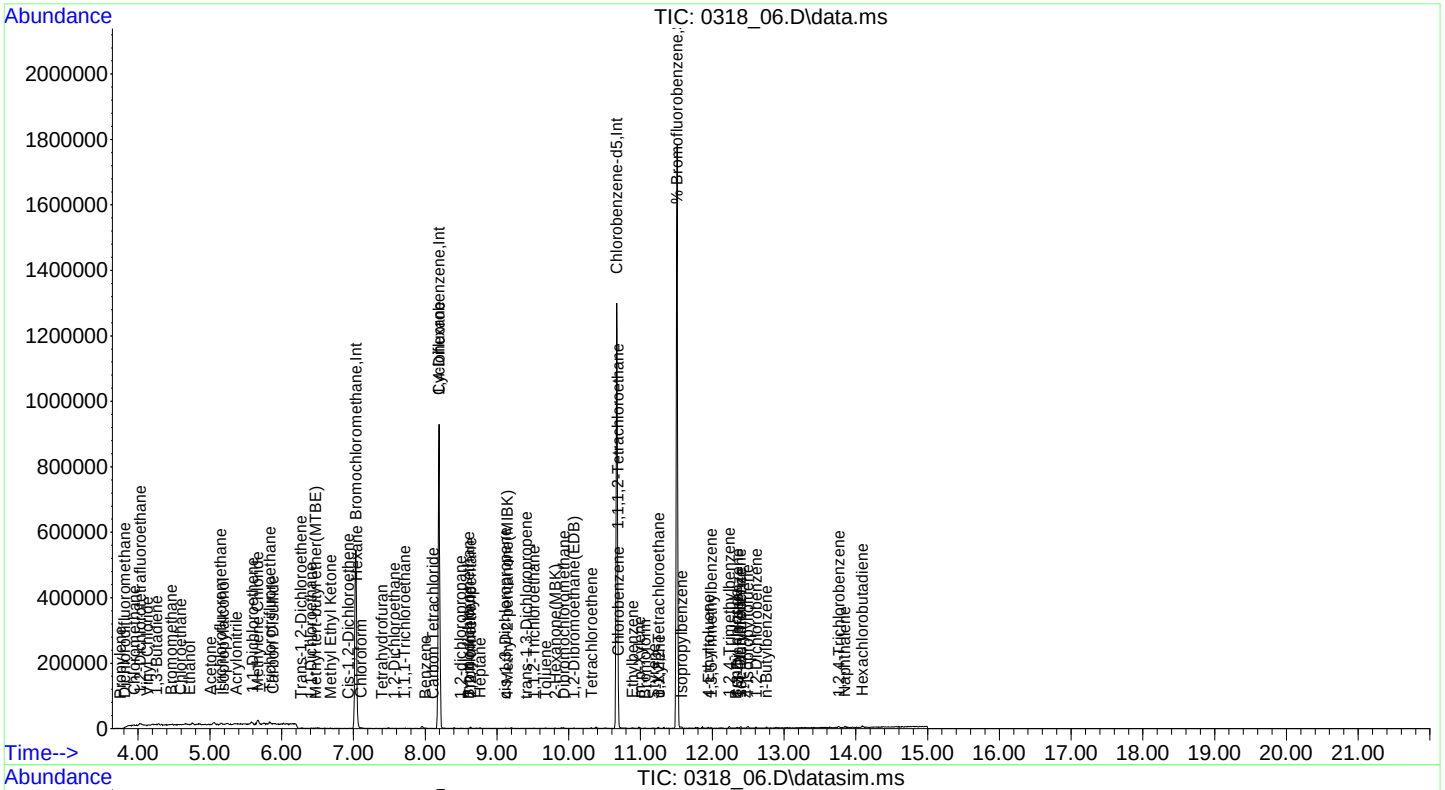
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.488	119	1907	0.018 ppbv#	89
112] 1,2-Dichlorobenzene(sim)	12.605	146	1332	0.021 ppbv	93
113] n-Butylbenzene(sim)	12.754	91	1882	0.021 ppbv	86
114] 1,2,4-Trichlorobenzene...	13.759	180	1526	0.027 ppbv	96
116] Hexachlorobutadiene(sim)	14.094	225	1370	0.026 ppbv	99

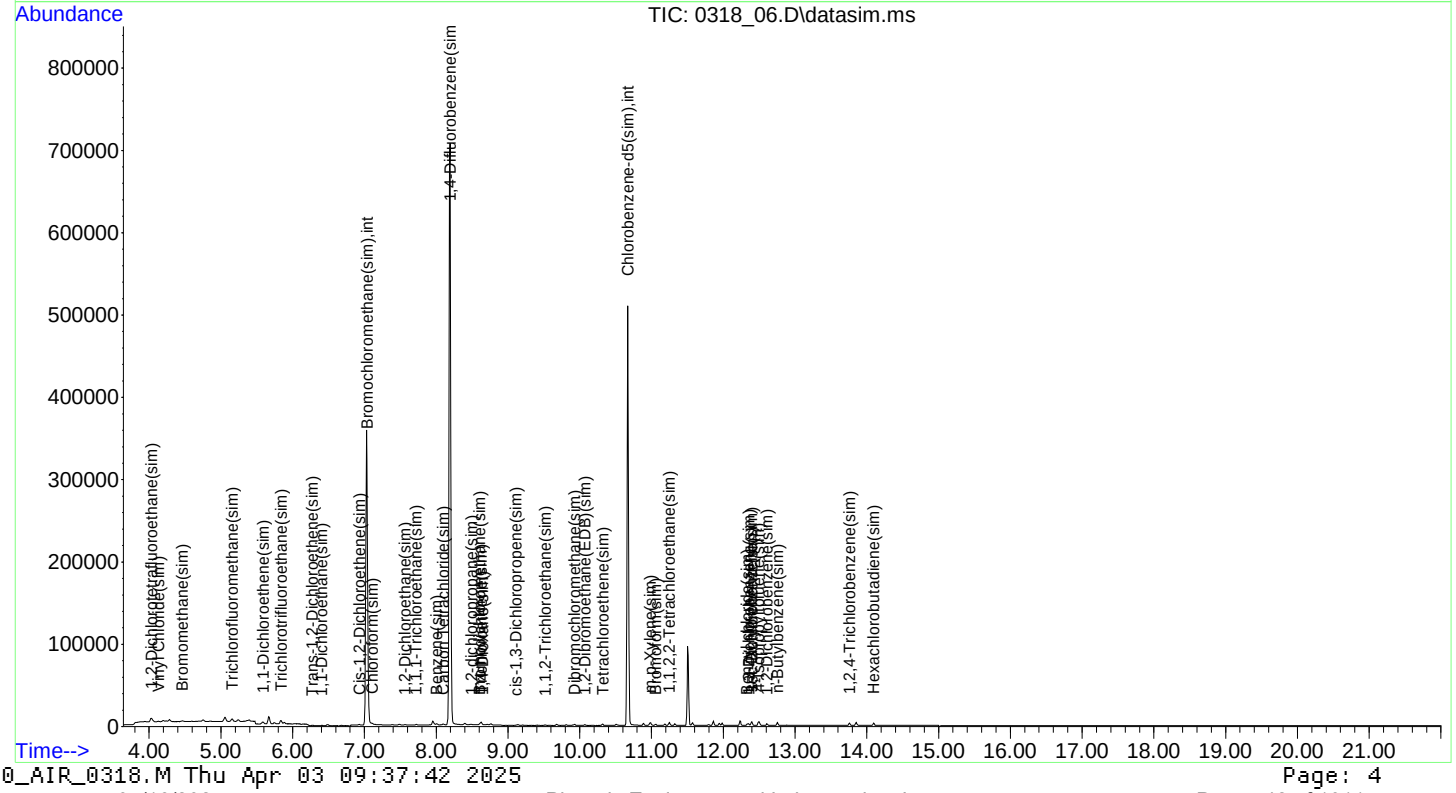
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_06.D
Acq On : 18 Mar 2025 9:29 am
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 18 13:17:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_07.D
Acq On : 18 Mar 2025 10:03 am
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 13:19:04 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:17:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	174855	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	596560	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	279065	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	191955	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	596560	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	279065	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	359585	0.000	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	0.00%#			
Target Compounds							Qvalue
2) Propylene	3.751	41	165	0.017	ppbv#		37
3) Dichlorodifluoromethane	3.800	85	1791	0.033	ppbv#		74
4) Chloromethane	3.930	50	1597	0.055	ppbv#		63
5) 1,2-Dichlorotetrafluor...	4.019	85	3761	0.031	ppbv#		56
6) Vinyl Chloride	4.125	62	1690	0.045	ppbv		88
7) 1,3-Butadiene	4.246	54	859	0.033	ppbv#		26
8) Bromomethane	4.457	94	2618	0.055	ppbv#		73
9) Chloroethane	4.595	64	516	0.027	ppbv#		53
11) Ethanol	4.701	45	1946	0.124	ppbv#		87
12) Acetone	4.984	43	1775	0.025	ppbv#		100
13) Trichlorofluoromethane	5.147	101	5816	0.040	ppbv#		86
14) Isopropylalcohol	5.171	45	297	0.004	ppbv#		98
15) Acrylonitrile	5.358	53	1719	0.058	ppbv#		1
16) 1,1-Dichloroethene	5.586	61	2666	0.037	ppbv#		61
17) Methylene Chloride	5.664	49	5757	0.116	ppbv#		64
20) Carbon Disulfide	5.878	76	4979	0.039	ppbv#		47
21) Trichlorotrifluoroethane	5.831	101	3824	0.036	ppbv#		78
22) Trans-1,2-Dichloroethene	6.272	61	462	0.023	ppbv		99
23) 1,1-Dichloroethane	6.403	63	706	0.028	ppbv#		47
24) Methyl tert-butyl ethe...	6.481	73	1351	0.034	ppbv#		90
25) Methyl Ethyl Ketone	6.679	43	1171	0.040	ppbv#		100
26) Cis-1,2-Dichloroethene	6.918	61	379	0.020	ppbv#		29
27) Hexane	7.042	57	757	0.036	ppbv#		63
28) Chloroform	7.104	83	942	0.029	ppbv#		81
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.398	42	418	0.029	ppbv#		62
31) 1,2-Dichloroethane	7.553	62	578	0.028	ppbv#		42
32) 1,1,1-Trichloroethane	7.724	97	929	0.026	ppbv#		76
33) Benzene	8.010	78	1567	0.036	ppbv#		65
34) Carbon Tetrachloride	8.088	117	813	0.022	ppbv#		77
35) Cyclohexane	8.175	84	1293	0.070	ppbv#		1
37) 1,2-dichloropropane	8.486	63	654	0.036	ppbv#		65
38) Bromodichloromethane	8.599	83	1333	0.032	ppbv		85
39) Trichloroethene	8.616	130	758	0.025	ppbv#		63
40) 2,2,4-trimethylpentane	8.633	57	2405	0.032	ppbv		92
43) Heptane	8.763	43	1022	0.037	ppbv#		80
44) cis-1,3-Dichloropropene	9.121	75	602	0.020	ppbv#		47
45) 4-Methyl-2-pentanone(M...	9.135	43	1273	0.030	ppbv#		77
46) trans-1,3-Dichloropropene	9.403	75	717	0.031	ppbv#		64
47) 1,1,2-Trichloroethane	9.515	97	403	0.018	ppbv#		56
48) Toluene	9.677	91	2178	0.035	ppbv#		80
49) Dibromochloromethane	9.931	129	1033	0.023	ppbv		96

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_07.D
Acq On : 18 Mar 2025 10:03 am
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 13:19:04 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:17:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2-Hexanone(MBK)	9.811	43	1265	0.033	ppbv#	48
51) 1,2-Dibromoethane(EDB)	10.071	107	1159	0.031	ppbv#	70
52) Tetrachloroethene	10.318	166	1061	0.029	ppbv#	71
54) 1,1,1,2-Tetrachloroethane	10.675	131	1017	0.035	ppbv#	89
55) Chlorobenzene	10.690	112	1471	0.031	ppbv#	1
56) Ethylbenzene	10.887	91	2519	0.037	ppbv	86
57) m,p-Xylene	10.986	91	3847	0.073	ppbv	100
58) Bromoform	11.054	173	1331	0.036	ppbv#	74
59) Styrene	11.183	104	1319	0.033	ppbv#	77
60) 1,1,2,2-Tetrachloroethane	11.243	83	1803	0.038	ppbv#	79
61) o-Xylene	11.251	91	1649	0.029	ppbv#	84
64) Isopropylbenzene	11.577	105	3219	0.040	ppbv#	93
65) 4-Ethyltoluene	11.941	105	3052	0.038	ppbv	93
66) 1,3,5-Trimethylbenzene	11.987	105	2378	0.036	ppbv#	95
67) 1,2,4-Trimethylbenzene	12.238	105	2332	0.030	ppbv	94
68) Benzyl chloride	12.329	91	1295	0.025	ppbv#	60
69) 1,3-Dichlorobenzene	12.351	146	2007	0.038	ppbv#	82
70) 1,4-Dichlorobenzene	12.389	146	1735	0.031	ppbv	100
71) sec-Butylbenzene	12.397	105	3401	0.030	ppbv#	85
72) 4-Isopropyltoluene	12.488	119	3776	0.037	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	1829	0.037	ppbv#	77
74) n-Butylbenzene	12.754	91	2650	0.032	ppbv	99
75) 1,2,4-Trichlorobenzene	13.756	180	1706	0.038	ppbv#	85
76) Naphthalene	13.855	128	3793	0.042	ppbv#	95
77) Hexachlorobutadiene	14.091	225	1402	0.034	ppbv	83
79] 1,2-Dichlorotetrafluor...	4.022	85	4575m	0.035	ppbv	56
80] Vinyl Chloride(sim)	4.128	62	1495	0.035	ppbv#	87
81] Bromomethane(sim)	4.460	94	2025m	0.037	ppbv	74
82] Trichlorofluoromethane...	5.150	101	5522	0.033	ppbv#	95
83] 1,2-Dichloroethane(sim)	7.564	62	795m	0.035	ppbv	93
84] 1,1,1-Trichloroethane(...	7.727	97	1320	0.033	ppbv#	95
85] Benzene(sim)	8.005	78	2017m	0.042	ppbv	65
86] Carbon Tetrachloride(sim)	8.100	117	1212	0.031	ppbv	98
87] 1,1-Dichloroethene(sim)	5.589	61	2820m	0.038	ppbv	60
88] Trichlorotrifluoroetha...	5.833	101	4085	0.036	ppbv#	97
89] Trans-1,2-Dichloroethe...	6.275	61	890m	0.041	ppbv	99
90] 1,1-Dichloroethane(sim)	6.405	63	1045	0.034	ppbv#	93
91] Cis-1,2-Dichloroethene...	6.929	61	828m	0.037	ppbv	29
92] Chloroform(sim)	7.107	83	1291	0.034	ppbv#	93
94] 1,2-dichloropropane(sim)	8.489	63	736	0.035	ppbv#	82
95] Bromodichloromethane(sim)	8.602	83	1346m	0.037	ppbv	85
96] Trichloroethene(sim)	8.628	130	921	0.033	ppbv	89
98] cis-1,3-Dichloropropen...	9.110	75	1048	0.034	ppbv#	89
99] 1,1,2-Trichloroethane(...	9.518	97	767m	0.035	ppbv	56
100] Dibromochloromethane(sim)	9.927	129	1449	0.033	ppbv#	86
101] 1,2-Dibromoethane(EDB)...	10.074	107	1286m	0.035	ppbv	70
102] Tetrachloroethene(sim)	10.321	166	1242	0.033	ppbv	98
104] Bromoform(sim)	11.057	173	1301	0.031	ppbv	97
105] m,p-Xylene(sim)	10.981	91	4429m	0.079	ppbv	88
106] 1,1,2,2-Tetrachloroeth...	11.246	83	1781	0.034	ppbv	96
107] Benzyl chloride(sim)	12.329	91	1295	0.026	ppbv	60
108] 1,3-Dichlorobenzene(sim)	12.347	146	2099	0.033	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.392	146	2092m	0.037	ppbv	81
110] sec-Butylbenzene(sim)	12.400	105	4175	0.033	ppbv	96
111] 4-Isopropyltoluene(sim)	12.488	119	3921	0.039	ppbv#	81

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_07.D
Acq On : 18 Mar 2025 10:03 am
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 13:19:04 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:17:44 2025
Response via : Initial Calibration

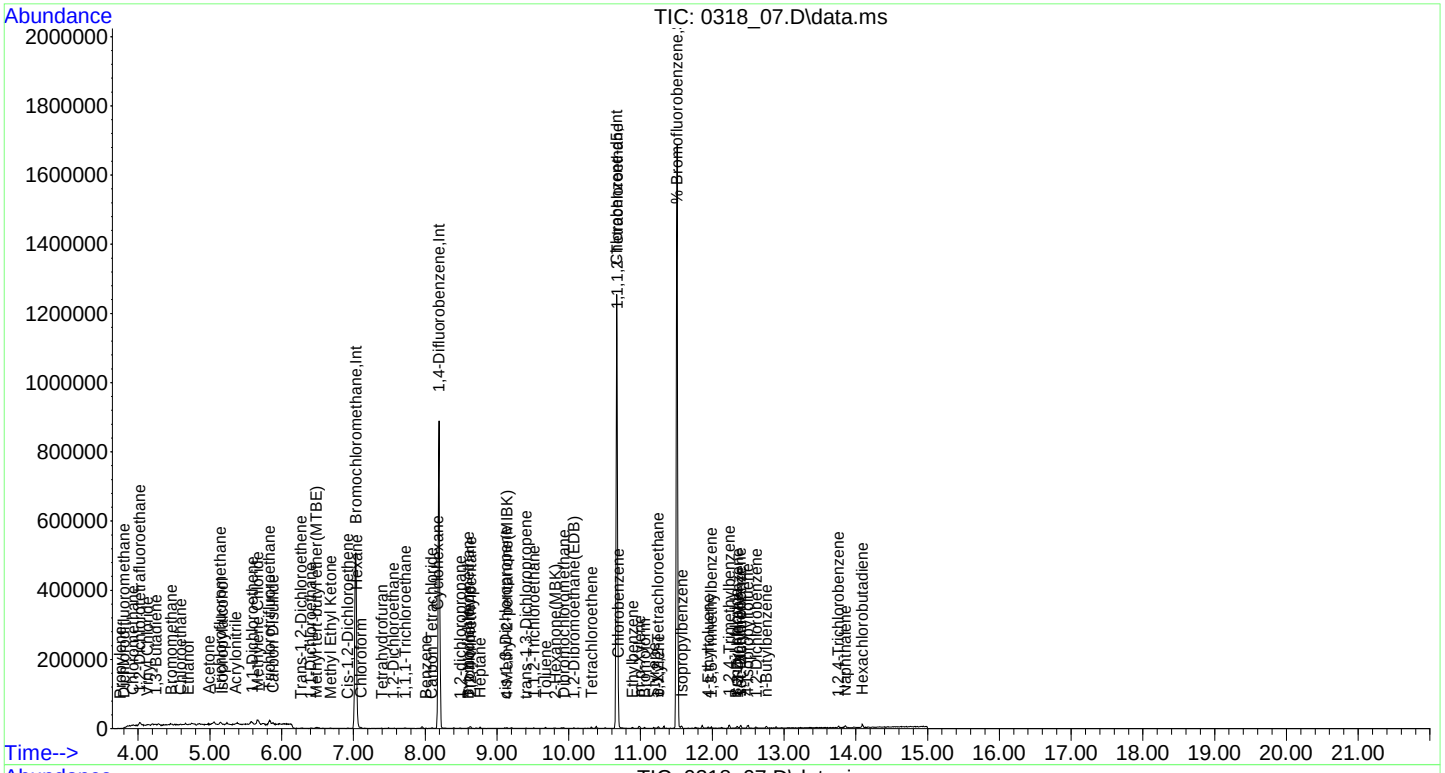
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] 1,2-Dichlorobenzene(sim)	12.605	146	2101	0.035	ppbv	94
113] n-Butylbenzene(sim)	12.754	91	2650	0.031	ppbv	99
114] 1,2,4-Trichlorobenzene...	13.759	180	2046	0.038	ppbv	96
116] Hexachlorobutadiene(sim)	14.094	225	1802	0.036	ppbv	97

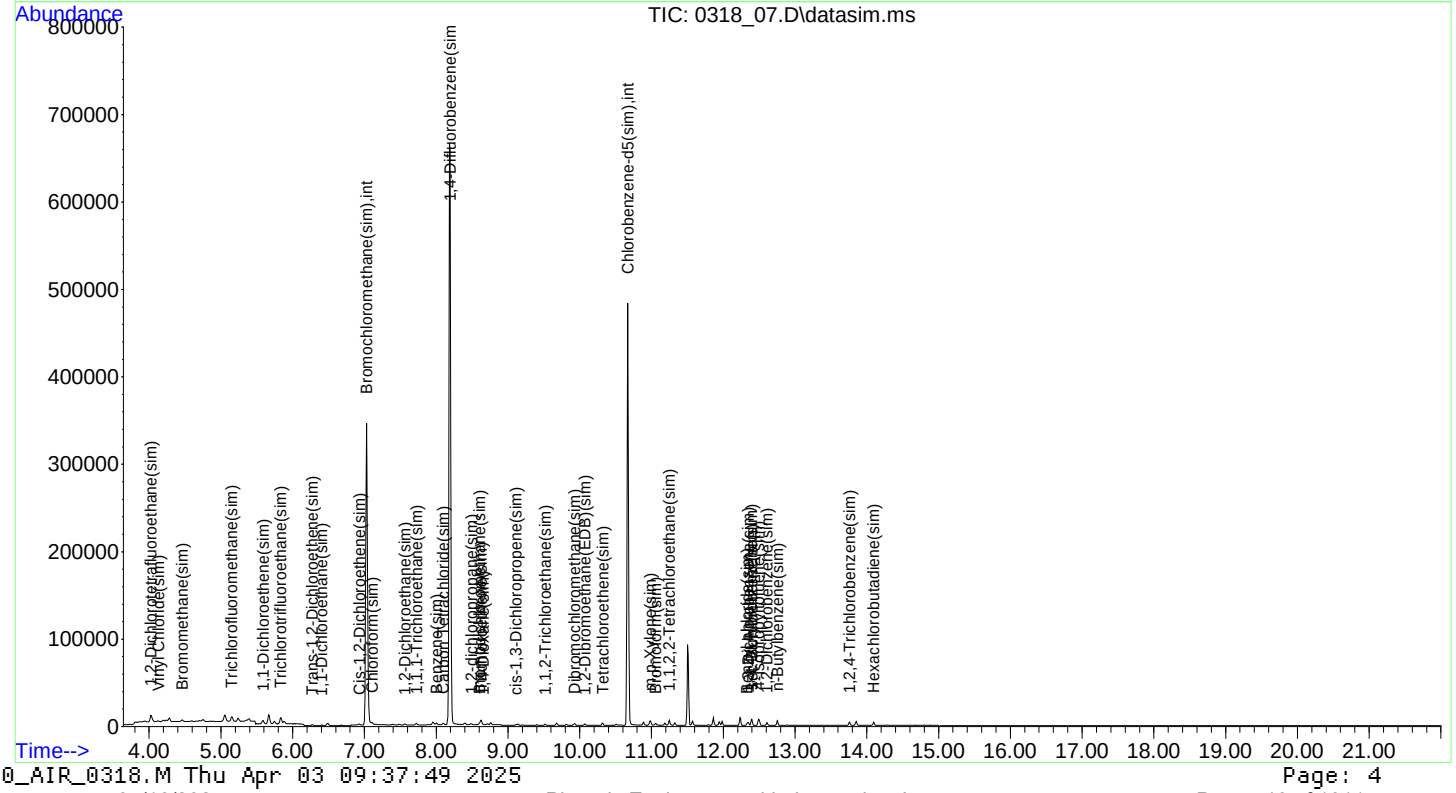
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_07.D
Acq On : 18 Mar 2025 10:03 am
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 13:19:04 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:17:44 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_08.D
Acq On : 18 Mar 2025 10:38 am
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 13:20:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	167301	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	592437	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	273839	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	188691	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	592437	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	273839	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	352973	11.892	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 118.90%				
Target Compounds							Qvalue
2) Propylene	3.743	41	601	0.063	ppbv	#	63
3) Dichlorodifluoromethane	3.800	85	2442	0.047	ppbv	#	89
4) Chloromethane	3.938	50	2156	0.077	ppbv		92
5) 1,2-Dichlorotetrafluor...	4.027	85	6092	0.052	ppbv	#	88
6) Vinyl Chloride	4.125	62	1850	0.052	ppbv		99
7) 1,3-Butadiene	4.246	54	1554	0.062	ppbv	#	79
8) Bromomethane	4.465	94	3125	0.068	ppbv	#	88
9) Chloroethane	4.579	64	1456	0.081	ppbv	#	48
11) Ethanol	4.636	45	575	0.038	ppbv	#	99
12) Acetone	5.057	43	11954	0.179	ppbv	#	85
13) Trichlorofluoromethane	5.155	101	7454	0.054	ppbv	#	83
14) Isopropylalcohol	5.244	45	6569	0.091	ppbv	#	97
15) Acrylonitrile	5.358	53	2381	0.084	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	3520	0.051	ppbv	#	59
17) Methylene Chloride	5.664	49	5849	0.123	ppbv	#	59
20) Carbon Disulfide	5.878	76	6806	0.055	ppbv	#	84
21) Trichlorotrifluoroethane	5.831	101	5402	0.053	ppbv		92
22) Trans-1,2-Dichloroethene	6.272	61	802	0.042	ppbv	#	88
23) 1,1-Dichloroethane	6.402	63	1267	0.052	ppbv		74
24) Methyl tert-butyl ethe...	6.486	73	1942	0.052	ppbv	#	80
25) Methyl Ethyl Ketone	6.684	43	1805	0.064	ppbv	#	100
26) Cis-1,2-Dichloroethene	6.918	61	1123	0.061	ppbv	#	75
27) Hexane	7.042	57	1082	0.054	ppbv	#	89
28) Chloroform	7.104	83	1346	0.043	ppbv		95
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.398	42	905	0.065	ppbv	#	66
31) 1,2-Dichloroethane	7.553	62	850	0.043	ppbv	#	70
32) 1,1,1-Trichloroethane	7.724	97	1242	0.037	ppbv	#	90
33) Benzene	8.002	78	2732	0.065	ppbv	#	91
34) Carbon Tetrachloride	8.097	117	1679	0.047	ppbv		93
35) Cyclohexane	8.192	84	1527	0.086	ppbv	#	1
37) 1,2-dichloropropane	8.486	63	675	0.037	ppbv	#	64
38) Bromodichloromethane	8.607	83	1472	0.036	ppbv		88
39) Trichloroethene	8.616	130	1063	0.035	ppbv	#	80
40) 2,2,4-trimethylpentane	8.633	57	3192	0.042	ppbv	#	92
43) Heptane	8.763	43	1571	0.057	ppbv	#	81
44) cis-1,3-Dichloropropene	9.107	75	1042	0.035	ppbv	#	73
45) 4-Methyl-2-pentanone(M...	9.142	43	2140	0.051	ppbv	#	68
46) trans-1,3-Dichloropropene	9.403	75	736	0.032	ppbv	#	79
47) 1,1,2-Trichloroethane	9.515	97	871	0.040	ppbv	#	56
48) Toluene	9.677	91	2851	0.046	ppbv		92
49) Dibromochloromethane	9.924	129	1584	0.035	ppbv		95

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_08.D
Acq On : 18 Mar 2025 10:38 am
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 13:20:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2-Hexanone(MBK)	9.804	43	1409	0.037	ppbv#	50
51) 1,2-Dibromoethane(EDB)	10.071	107	1514	0.041	ppbv	89
52) Tetrachloroethene	10.318	166	1223	0.033	ppbv#	87
54) 1,1,1,2-Tetrachloroethane	10.682	131	1302	0.046	ppbv#	83
55) Chlorobenzene	10.697	112	2208	0.048	ppbv#	32
56) Ethylbenzene	10.887	91	3023	0.045	ppbv	82
57) m,p-Xylene	10.986	91	5719	0.111	ppbv	100
58) Bromoform	11.061	173	1517	0.042	ppbv	95
59) Styrene	11.190	104	1940	0.050	ppbv#	79
60) 1,1,2,2-Tetrachloroethane	11.243	83	1932	0.042	ppbv#	85
61) o-Xylene	11.251	91	2477	0.044	ppbv#	67
64) Isopropylbenzene	11.569	105	3906	0.050	ppbv#	93
65) 4-Ethyltoluene	11.941	105	4192	0.053	ppbv#	85
66) 1,3,5-Trimethylbenzene	11.987	105	3712	0.058	ppbv#	98
67) 1,2,4-Trimethylbenzene	12.237	105	2929	0.038	ppbv	90
68) Benzyl chloride	12.329	91	2344	0.046	ppbv#	77
69) 1,3-Dichlorobenzene	12.344	146	2483	0.048	ppbv#	88
70) 1,4-Dichlorobenzene	12.389	146	2583	0.047	ppbv	100
71) sec-Butylbenzene	12.397	105	4641	0.042	ppbv#	87
72) 4-Isopropyltoluene	12.488	119	4946	0.049	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	2247	0.047	ppbv#	86
74) n-Butylbenzene	12.754	91	4122	0.050	ppbv	97
75) 1,2,4-Trichlorobenzene	13.756	180	1954	0.045	ppbv#	77
76) Naphthalene	13.855	128	4482	0.050	ppbv#	95
77) Hexachlorobutadiene	14.091	225	2251	0.056	ppbv#	78
79] 1,2-Dichlorotetrafluor...	4.022	85	6290m	0.050	ppbv	88
80] Vinyl Chloride(sim)	4.128	62	2035m	0.048	ppbv	94
81] Bromomethane(sim)	4.460	94	2725m	0.051	ppbv	86
82] Trichlorofluoromethane...	5.150	101	7794	0.048	ppbv#	97
83] 1,2-Dichloroethane(sim)	7.564	62	1216m	0.054	ppbv	60
84] 1,1,1-Trichloroethane(...	7.719	97	1808	0.046	ppbv#	94
85] Benzene(sim)	8.005	78	2739m	0.058	ppbv	91
86] Carbon Tetrachloride(sim)	8.100	117	1756	0.046	ppbv	99
87] 1,1-Dichloroethene(sim)	5.589	61	4058m	0.056	ppbv	58
88] Trichlorotrifluoroetha...	5.833	101	5789	0.051	ppbv#	97
89] Trans-1,2-Dichloroethe...	6.275	61	1132m	0.053	ppbv	88
90] 1,1-Dichloroethane(sim)	6.405	63	1421	0.047	ppbv#	96
91] Cis-1,2-Dichloroethene...	6.921	61	1056m	0.048	ppbv	75
92] Chloroform(sim)	7.107	83	1731	0.046	ppbv	97
94] 1,2-dichloropropane(sim)	8.489	63	911	0.044	ppbv	87
95] Bromodichloromethane(sim)	8.602	83	1823m	0.050	ppbv	88
96] Trichloroethene(sim)	8.627	130	1285	0.046	ppbv	88
97] 1,4-Dioxane(sim)	8.645	88	382m	0.034	ppbv	0
98] cis-1,3-Dichloropropen...	9.110	75	1423	0.046	ppbv	97
99] 1,1,2-Trichloroethane(...	9.518	97	1070m	0.050	ppbv	66
100] Dibromochloromethane(sim)	9.927	129	1949	0.045	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.067	107	1876m	0.052	ppbv	89
102] Tetrachloroethene(sim)	10.314	166	1707	0.046	ppbv	96
104] Bromoform(sim)	11.057	173	1783	0.043	ppbv	98
105] m,p-Xylene(sim)	10.986	91	5719	0.103	ppbv	99
106] 1,1,2,2-Tetrachloroeth...	11.246	83	2404	0.047	ppbv	98
107] Benzyl chloride(sim)	12.329	91	2344	0.049	ppbv	77
108] 1,3-Dichlorobenzene(sim)	12.347	146	2914	0.047	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.392	146	2877m	0.052	ppbv	83
110] sec-Butylbenzene(sim)	12.400	105	5575	0.045	ppbv	95

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_08.D
Acq On : 18 Mar 2025 10:38 am
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 13:20:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.491	119	5249m	0.053	ppbv	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	2861	0.048	ppbv	91
113] n-Butylbenzene(sim)	12.749	91	4548m	0.054	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	2509	0.047	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	2351	0.048	ppbv	97

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

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_08.D
Acq On : 18 Mar 2025 10:38 am
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 13:20:16 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
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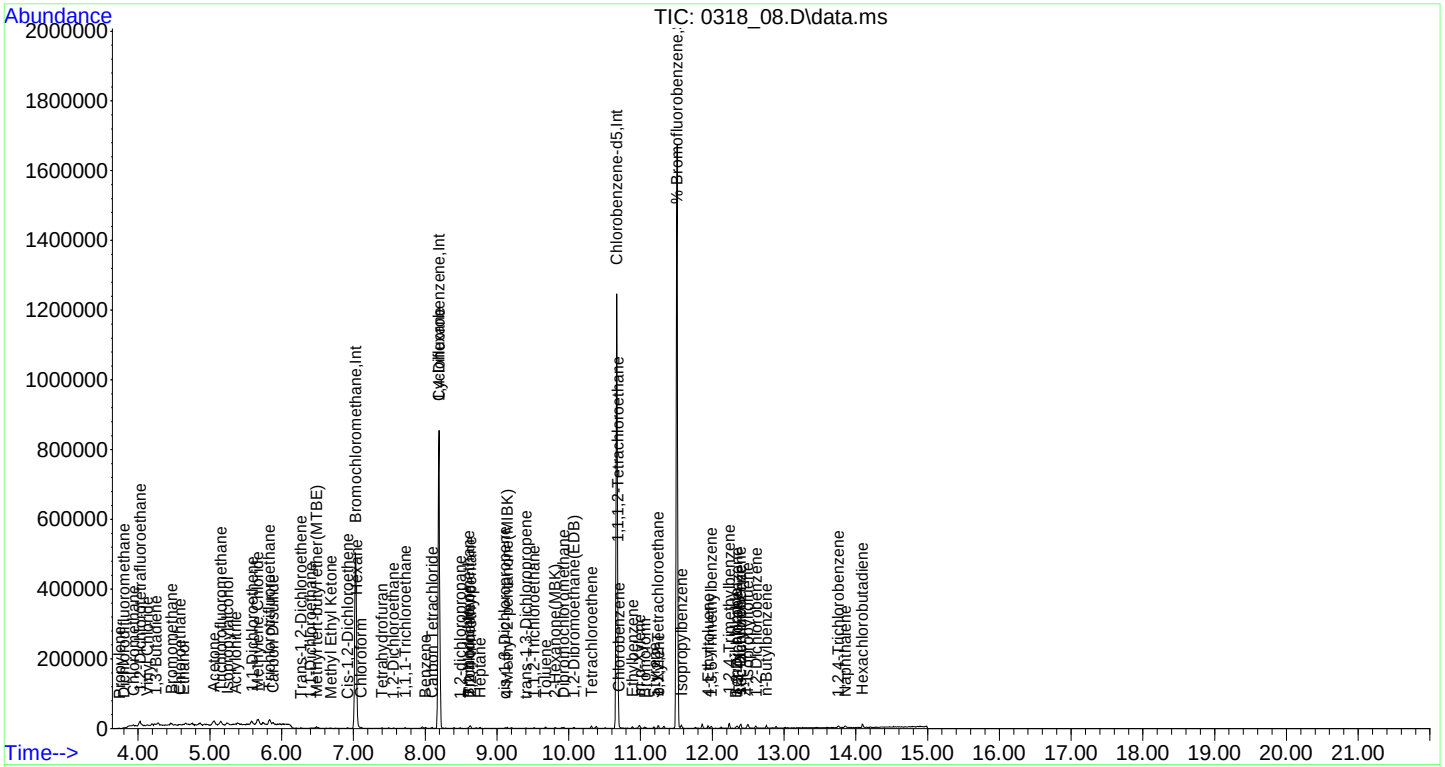
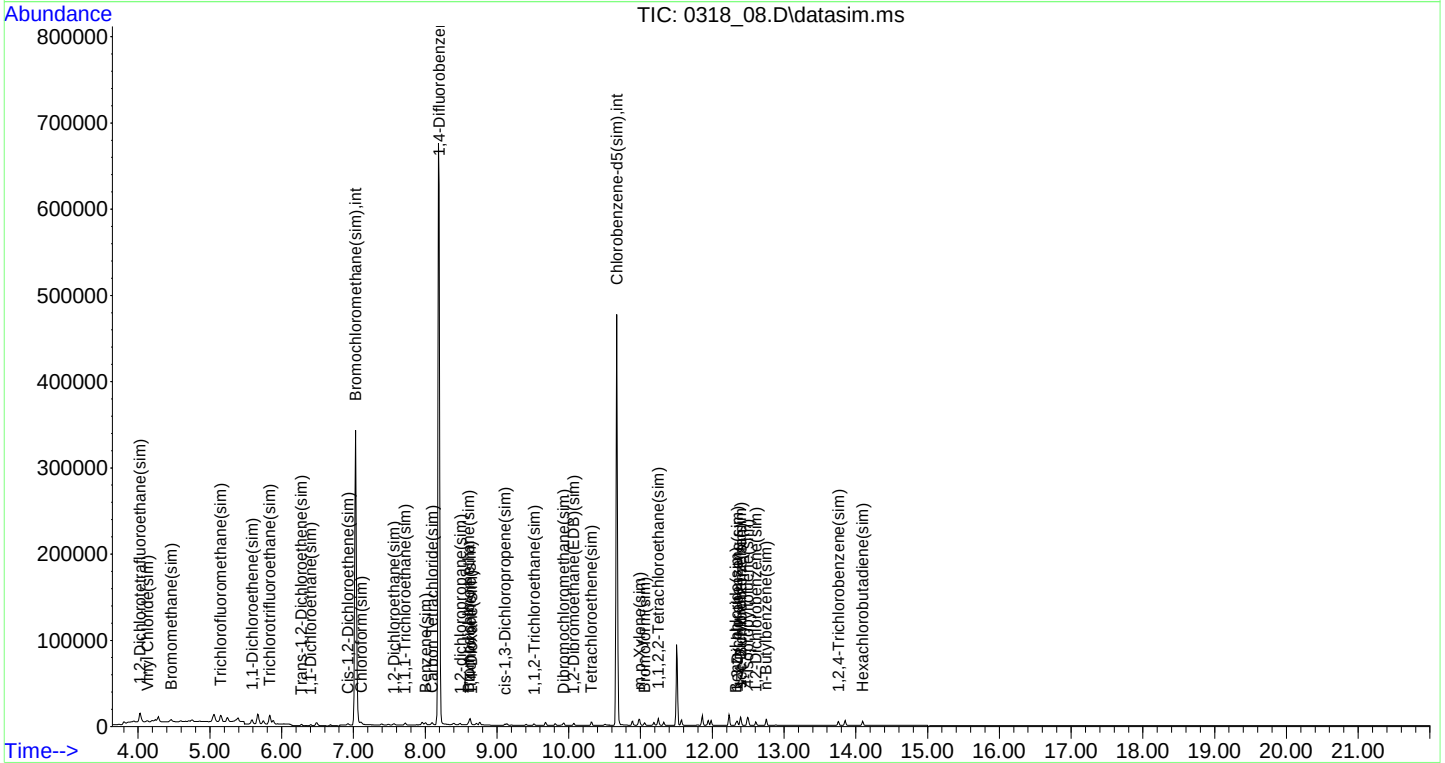




Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2025 11:11 am
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 13:20:56 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	163239	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	575090	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	266818	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	182792	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	575090	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	266818	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	341635	11.813	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 118.10%				
Target Compounds							Qvalue
2) Propylene	3.727	41	1118	0.121	ppbv	#	85
3) Dichlorodifluoromethane	3.800	85	5049	0.100	ppbv		97
4) Chloromethane	3.946	50	3184	0.117	ppbv		87
5) 1,2-Dichlorotetrafluor...	4.019	85	11102	0.098	ppbv	#	76
6) Vinyl Chloride	4.125	62	4019	0.115	ppbv		98
7) 1,3-Butadiene	4.238	54	2620	0.106	ppbv	#	80
8) Bromomethane	4.457	94	4718	0.105	ppbv		88
9) Chloroethane	4.603	64	1907	0.108	ppbv		84
11) Ethanol	4.692	45	2915	0.199	ppbv	#	90
12) Acetone	5.009	43	696	0.011	ppbv	#	100
13) Trichlorofluoromethane	5.147	101	14097	0.105	ppbv	#	85
14) Isopropylalcohol	5.236	45	7770	0.110	ppbv	#	98
15) Acrylonitrile	5.358	53	805	0.029	ppbv	#	1
16) 1,1-Dichloroethene	5.581	61	1914	0.028	ppbv	#	86
17) Methylene Chloride	5.664	49	2679	0.058	ppbv	#	78
20) Carbon Disulfide	5.884	76	3505	0.029	ppbv	#	81
21) Trichlorotrifluoroethane	5.831	101	2939	0.029	ppbv	#	89
22) Trans-1,2-Dichloroethene	6.277	61	1697	0.091	ppbv	#	78
23) 1,1-Dichloroethane	6.403	63	2350	0.099	ppbv	#	50
24) Methyl tert-butyl ethe...	6.470	73	3499	0.095	ppbv	#	86
25) Methyl Ethyl Ketone	6.679	43	2649	0.096	ppbv	#	100
26) Cis-1,2-Dichloroethene	6.918	61	1805	0.100	ppbv	#	76
27) Hexane	7.034	57	1707	0.088	ppbv	#	84
28) Chloroform	7.104	83	2960	0.097	ppbv		93
29) Ethyl acetate	7.065	61	137	0.031	ppbv	#	19
30) Tetrahydrofuran	7.398	42	1397	0.104	ppbv	#	64
31) 1,2-Dichloroethane	7.569	62	1847	0.095	ppbv	#	87
32) 1,1,1-Trichloroethane	7.724	97	3062	0.092	ppbv	#	91
33) Benzene	8.002	78	4007	0.098	ppbv	#	92
34) Carbon Tetrachloride	8.097	117	2929	0.083	ppbv		96
35) Cyclohexane	8.183	84	2509	0.145	ppbv	#	49
37) 1,2-dichloropropane	8.486	63	1623	0.091	ppbv	#	82
38) Bromodichloromethane	8.599	83	3580	0.089	ppbv		94
39) Trichloroethene	8.616	130	2035	0.068	ppbv	#	86
40) 2,2,4-trimethylpentane	8.625	57	6179	0.085	ppbv		98
41) 1,4-Dioxane	8.642	88	343	0.033	ppbv	#	19
43) Heptane	8.763	43	2954	0.111	ppbv	#	85
44) cis-1,3-Dichloropropene	9.114	75	2345	0.080	ppbv		93
45) 4-Methyl-2-pentanone(M...	9.135	43	3527	0.086	ppbv	#	81
46) trans-1,3-Dichloropropene	9.403	75	1627	0.072	ppbv	#	88
47) 1,1,2-Trichloroethane	9.523	97	1816	0.085	ppbv		95
48) Toluene	9.677	91	5174	0.086	ppbv	#	94

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2025 11:11 am
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 13:20:56 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.924	129	3474	0.079	ppbv	95
50)	2-Hexanone(MBK)	9.811	43	3013	0.082	ppbv#	54
51)	1,2-Dibromoethane(EDB)	10.072	107	3348	0.093	ppbv#	79
52)	Tetrachloroethene	10.318	166	2726	0.076	ppbv	87
54)	1,1,1,2-Tetrachloroethane	10.675	131	2228	0.080	ppbv	85
55)	Chlorobenzene	10.690	112	4101	0.091	ppbv#	1
56)	Ethylbenzene	10.887	91	6521	0.101	ppbv	80
57)	m,p-Xylene	10.986	91	9873	0.196	ppbv	100
58)	Bromoform	11.054	173	2906	0.083	ppbv	91
59)	Styrene	11.190	104	3654	0.096	ppbv#	78
60)	1,1,2,2-Tetrachloroethane	11.243	83	3877	0.086	ppbv	90
61)	o-Xylene	11.251	91	4955	0.090	ppbv#	80
64)	Isopropylbenzene	11.569	105	7522	0.099	ppbv#	92
65)	4-Ethyltoluene	11.941	105	7265	0.094	ppbv	91
66)	1,3,5-Trimethylbenzene	11.987	105	5917	0.095	ppbv#	91
67)	1,2,4-Trimethylbenzene	12.238	105	6274	0.084	ppbv	91
68)	Benzyl chloride	12.329	91	3696	0.075	ppbv#	88
69)	1,3-Dichlorobenzene	12.351	146	5071	0.100	ppbv#	82
70)	1,4-Dichlorobenzene	12.389	146	5131	0.096	ppbv	100
71)	sec-Butylbenzene	12.397	105	9300	0.087	ppbv#	93
72)	4-Isopropyltoluene	12.488	119	9119	0.093	ppbv	100
73)	1,2-Dichlorobenzene	12.610	146	4863	0.104	ppbv#	89
74)	n-Butylbenzene	12.754	91	7246	0.091	ppbv	98
75)	1,2,4-Trichlorobenzene	13.756	180	3616	0.085	ppbv#	94
76)	Naphthalene	13.848	128	7058	0.081	ppbv#	95
77)	Hexachlorobutadiene	14.098	225	3672	0.094	ppbv	88
79]	1,2-Dichlorotetrafluor...	4.019	85	11102	0.090	ppbv#	78
80]	Vinyl Chloride(sim)	4.119	62	4025	0.098	ppbv	99
81]	Bromomethane(sim)	4.452	94	4918m	0.094	ppbv	88
82]	Trichlorofluoromethane...	5.150	101	15582	0.099	ppbv#	89
83]	1,2-Dichloroethane(sim)	7.564	62	2204m	0.102	ppbv	20
84]	1,1,1-Trichloroethane(...	7.719	97	3601	0.095	ppbv#	96
85]	Benzene(sim)	8.002	78	4007	0.087	ppbv#	92
86]	Carbon Tetrachloride(sim)	8.091	117	3420	0.093	ppbv	100
87]	1,1-Dichloroethene(sim)	5.589	61	2563m	0.037	ppbv	91
88]	Trichlorotrifluoroetha...	5.834	101	3460	0.032	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.275	61	2199m	0.105	ppbv	78
90]	1,1-Dichloroethane(sim)	6.405	63	2750	0.094	ppbv	96
91]	Cis-1,2-Dichloroethene...	6.921	61	2116m	0.100	ppbv	76
92]	Chloroform(sim)	7.107	83	3564	0.098	ppbv	97
94]	1,2-dichloropropane(sim)	8.489	63	1872	0.093	ppbv	87
95]	Bromodichloromethane(sim)	8.599	83	3425	0.097	ppbv	95
96]	Trichloroethene(sim)	8.628	130	2535	0.093	ppbv#	87
97]	1,4-Dioxane(sim)	8.645	88	688m	0.062	ppbv	19
98]	cis-1,3-Dichloropropen...	9.110	75	2820	0.094	ppbv#	83
99]	1,1,2-Trichloroethane(...	9.518	97	2067m	0.099	ppbv	88
100]	Dibromochloromethane(sim)	9.927	129	3894	0.092	ppbv	94
101]	1,2-Dibromoethane(EDB)...	10.072	107	3348	0.095	ppbv#	79
102]	Tetrachloroethene(sim)	10.321	166	3370	0.093	ppbv	88
104]	Bromoform(sim)	11.057	173	3548	0.088	ppbv	98
105]	m,p-Xylene(sim)	10.986	91	9873	0.183	ppbv#	85
106]	1,1,2,2-Tetrachloroeth...	11.246	83	4724	0.094	ppbv	98
107]	Benzyl chloride(sim)	12.329	91	3696	0.079	ppbv	88
108]	1,3-Dichlorobenzene(sim)	12.347	146	5608	0.092	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	5131	0.096	ppbv#	81

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2025 11:11 am
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 13:20:56 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

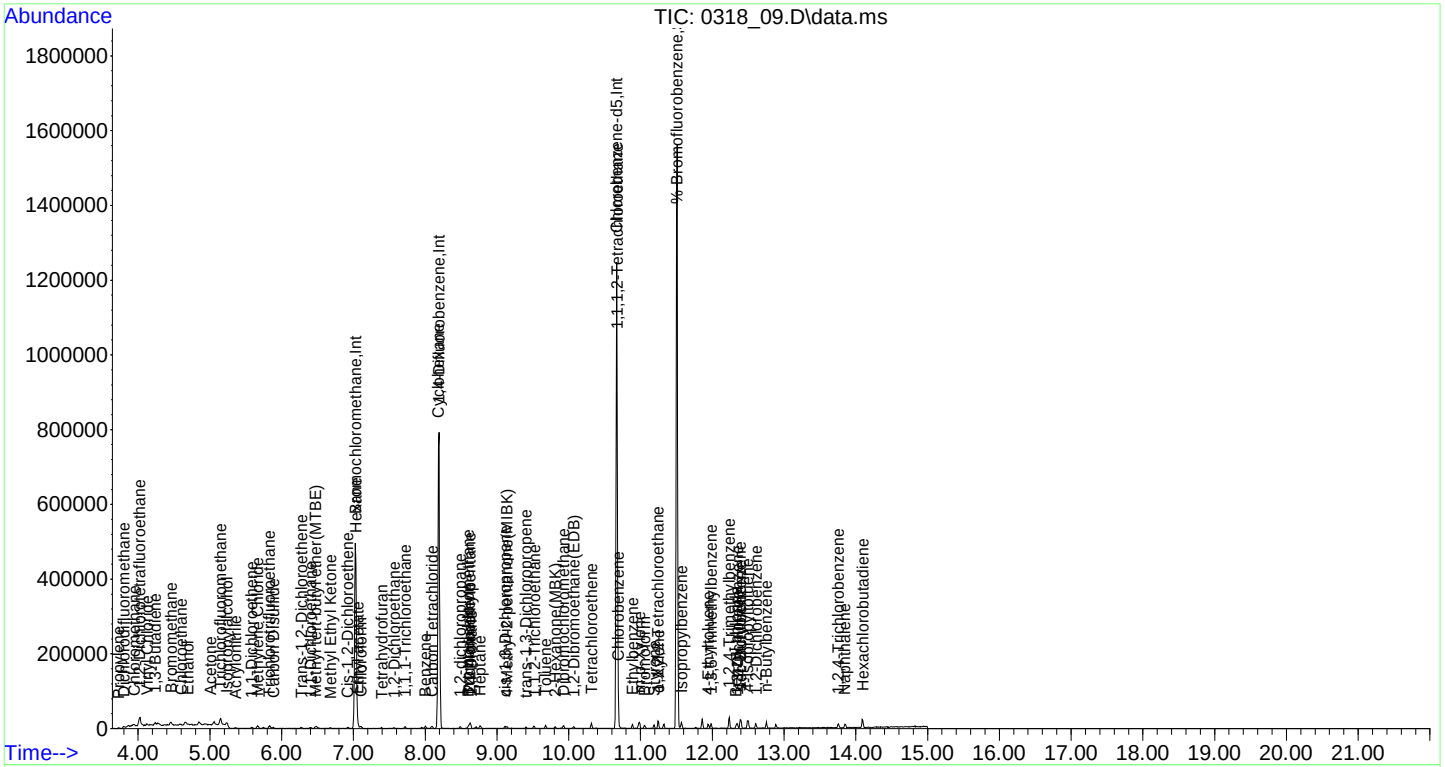
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	10768	0.090	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	9119	0.094	ppbv#	83
112] 1,2-Dichlorobenzene(sim)	12.605	146	5347	0.092	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	7246	0.089	ppbv	98
114] 1,2,4-Trichlorobenzene...	13.759	180	4014	0.077	ppbv	99
116] Hexachlorobutadiene(sim)	14.094	225	4211	0.089	ppbv	99

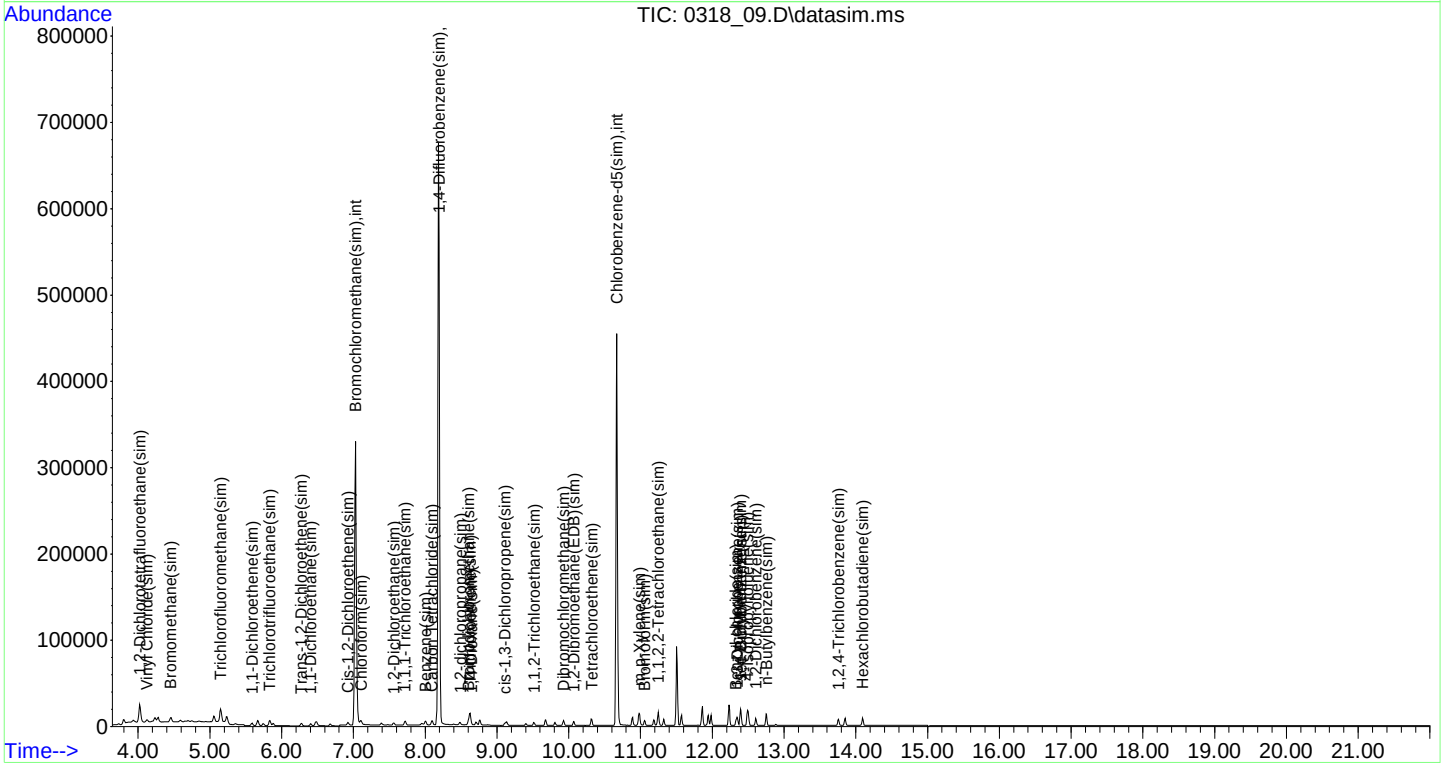
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_09.D
Acq On : 18 Mar 2025 11:11 am
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 13:20:56 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_10.D
Acq On : 18 Mar 2025 11:43 am
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 13:22:07 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	155273	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	549177	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	249228	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	173950	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	549177	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	249228	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	326778	12.096	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.00%				
Target Compounds							Qvalue
2) Propylene	3.727	41	2065	0.235	ppbv		96
3) Dichlorodifluoromethane	3.792	85	9872	0.206	ppbv		99
4) Chloromethane	3.938	50	5619	0.216	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.019	85	23039	0.213	ppbv	#	78
6) Vinyl Chloride	4.125	62	7172	0.215	ppbv		95
7) 1,3-Butadiene	4.238	54	5162	0.220	ppbv		89
8) Bromomethane	4.457	94	9604	0.225	ppbv		90
9) Chloroethane	4.587	64	4051	0.242	ppbv		96
11) Ethanol	4.701	45	4369	0.313	ppbv	#	54
12) Acetone	5.058	43	17530	0.283	ppbv	#	81
13) Trichlorofluoromethane	5.147	101	27525	0.215	ppbv		89
14) Isopropylalcohol	5.236	45	15930m	0.238	ppbv		98
15) Acrylonitrile	5.350	53	6348	0.240	ppbv	#	1
16) 1,1-Dichloroethene	5.587	61	14034	0.218	ppbv	#	70
17) Methylene Chloride	5.664	49	12432	0.282	ppbv	#	63
20) Carbon Disulfide	5.878	76	25773	0.225	ppbv	#	94
21) Trichlorotrifluoroethane	5.831	101	20773	0.218	ppbv		92
22) Trans-1,2-Dichloroethene	6.277	61	3641	0.206	ppbv	#	88
23) 1,1-Dichloroethane	6.403	63	5131	0.226	ppbv		97
24) Methyl tert-butyl ethe...	6.465	73	7600	0.217	ppbv	#	87
25) Methyl Ethyl Ketone	6.674	43	6102	0.232	ppbv	#	96
26) Cis-1,2-Dichloroethene	6.918	61	3456	0.202	ppbv	#	81
27) Hexane	7.034	57	3855	0.209	ppbv	#	94
28) Chloroform	7.104	83	5932	0.204	ppbv		97
29) Ethyl acetate	7.057	61	789	0.188	ppbv	#	72
30) Tetrahydrofuran	7.383	42	2604	0.203	ppbv		95
31) 1,2-Dichloroethane	7.561	62	4119	0.222	ppbv		91
32) 1,1,1-Trichloroethane	7.724	97	6284	0.200	ppbv		94
33) Benzene	8.002	78	8051	0.206	ppbv	#	91
34) Carbon Tetrachloride	8.097	117	5818	0.174	ppbv		99
35) Cyclohexane	8.175	84	3885	0.236	ppbv	#	68
37) 1,2-dichloropropane	8.495	63	3288	0.194	ppbv	#	78
38) Bromodichloromethane	8.599	83	5880	0.153	ppbv		95
39) Trichloroethene	8.625	130	4761	0.168	ppbv	#	74
40) 2,2,4-trimethylpentane	8.625	57	11655	0.167	ppbv		97
41) 1,4-Dioxane	8.642	88	862	0.087	ppbv		91
43) Heptane	8.763	43	4969	0.196	ppbv	#	91
44) cis-1,3-Dichloropropene	9.114	75	4563	0.163	ppbv		89
45) 4-Methyl-2-pentanone(M...	9.142	43	6444	0.165	ppbv	#	92
46) trans-1,3-Dichloropropene	9.403	75	3665	0.171	ppbv	#	88
47) 1,1,2-Trichloroethane	9.515	97	3709	0.183	ppbv		92
48) Toluene	9.677	91	10745	0.188	ppbv	#	93

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_10.D
Acq On : 18 Mar 2025 11:43 am
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 13:22:07 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.931	129	6096	0.144	ppbv	91
50)	2-Hexanone(MBK)	9.804	43	5341	0.152	ppbv#	45
51)	1,2-Dibromoethane(EDB)	10.072	107	5807	0.168	ppbv	97
52)	Tetrachloroethene	10.318	166	6004	0.176	ppbv	90
54)	1,1,1,2-Tetrachloroethane	10.682	131	5057	0.194	ppbv#	91
55)	Chlorobenzene	10.690	112	8922	0.212	ppbv#	67
56)	Ethylbenzene	10.887	91	12988	0.215	ppbv	87
57)	m,p-Xylene	10.978	91	20406	0.434	ppbv	100
58)	Bromoform	11.061	173	5961	0.182	ppbv	93
59)	Styrene	11.190	104	7423	0.210	ppbv#	75
60)	1,1,2,2-Tetrachloroethane	11.243	83	8608	0.205	ppbv#	89
61)	o-Xylene	11.251	91	10280	0.199	ppbv#	84
64)	Isopropylbenzene	11.570	105	14333	0.201	ppbv#	93
65)	4-Ethyltoluene	11.941	105	14877	0.205	ppbv#	91
66)	1,3,5-Trimethylbenzene	11.987	105	11815	0.202	ppbv#	89
67)	1,2,4-Trimethylbenzene	12.238	105	11700	0.167	ppbv	92
68)	Benzyl chloride	12.329	91	7632	0.165	ppbv#	87
69)	1,3-Dichlorobenzene	12.352	146	9308	0.197	ppbv#	83
70)	1,4-Dichlorobenzene	12.389	146	9076	0.182	ppbv	100
71)	sec-Butylbenzene	12.397	105	18873	0.189	ppbv#	92
72)	4-Isopropyltoluene	12.488	119	16242	0.177	ppbv	100
73)	1,2-Dichlorobenzene	12.610	146	8591	0.196	ppbv#	92
74)	n-Butylbenzene	12.754	91	14323	0.192	ppbv#	97
75)	1,2,4-Trichlorobenzene	13.757	180	7070	0.178	ppbv#	91
76)	Naphthalene	13.848	128	14228	0.176	ppbv#	96
77)	Hexachlorobutadiene	14.091	225	5943	0.163	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.019	85	23039	0.197	ppbv#	78
80]	Vinyl Chloride(sim)	4.120	62	7814	0.201	ppbv	95
81]	Bromomethane(sim)	4.457	94	9604	0.193	ppbv	89
82]	Trichlorofluoromethane...	5.150	101	30759	0.204	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	4119	0.200	ppbv#	14
84]	1,1,1-Trichloroethane(...	7.719	97	7201	0.199	ppbv#	95
85]	Benzene(sim)	8.002	78	8051	0.184	ppbv#	91
86]	Carbon Tetrachloride(sim)	8.091	117	6677	0.190	ppbv	99
87]	1,1-Dichloroethene(sim)	5.587	61	14034	0.211	ppbv#	69
88]	Trichlorotrifluoroetha...	5.834	101	22946	0.220	ppbv#	98
89]	Trans-1,2-Dichloroethe...	6.277	61	3641	0.184	ppbv#	88
90]	1,1-Dichloroethane(sim)	6.406	63	5506	0.199	ppbv#	96
91]	Cis-1,2-Dichloroethene...	6.918	61	3456	0.172	ppbv#	81
92]	Chloroform(sim)	7.107	83	6896	0.199	ppbv	98
94]	1,2-dichloropropane(sim)	8.489	63	3665	0.190	ppbv	86
95]	Bromodichloromethane(sim)	8.599	83	5880	0.174	ppbv	91
96]	Trichloroethene(sim)	8.628	130	4999	0.193	ppbv	89
97]	1,4-Dioxane(sim)	8.645	88	1207m	0.114	ppbv	91
98]	cis-1,3-Dichloropropen...	9.110	75	5559	0.195	ppbv	96
99]	1,1,2-Trichloroethane(...	9.515	97	3709	0.186	ppbv	92
100]	Dibromochloromethane(sim)	9.927	129	7700	0.190	ppbv	96
101]	1,2-Dibromoethane(EDB)...	10.072	107	5807	0.172	ppbv	97
102]	Tetrachloroethene(sim)	10.314	166	7052	0.204	ppbv	98
104]	Bromoform(sim)	11.057	173	6902	0.183	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	20406	0.406	ppbv#	91
106]	1,1,2,2-Tetrachloroeth...	11.246	83	9385	0.200	ppbv	99
107]	Benzyl chloride(sim)	12.329	91	7632	0.174	ppbv	87
108]	1,3-Dichlorobenzene(sim)	12.347	146	11038	0.195	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	9076	0.181	ppbv	88

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_10.D
Acq On : 18 Mar 2025 11:43 am
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 13:22:07 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

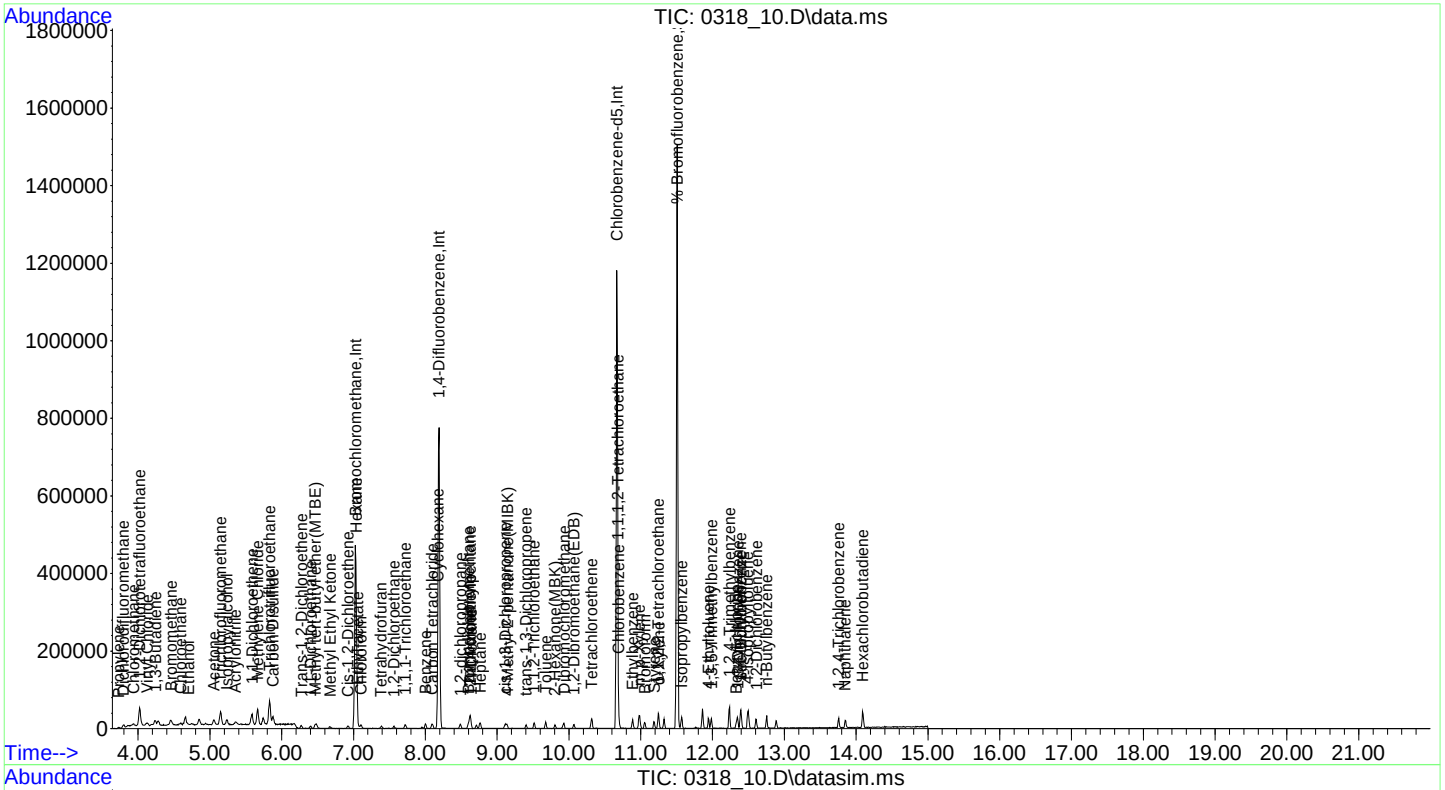
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	20988	0.188	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	16242	0.179	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	10536	0.195	ppbv	92
113] n-Butylbenzene(sim)	12.754	91	14323	0.187	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	8206	0.170	ppbv	99
116] Hexachlorobutadiene(sim)	14.094	225	7961	0.179	ppbv	99

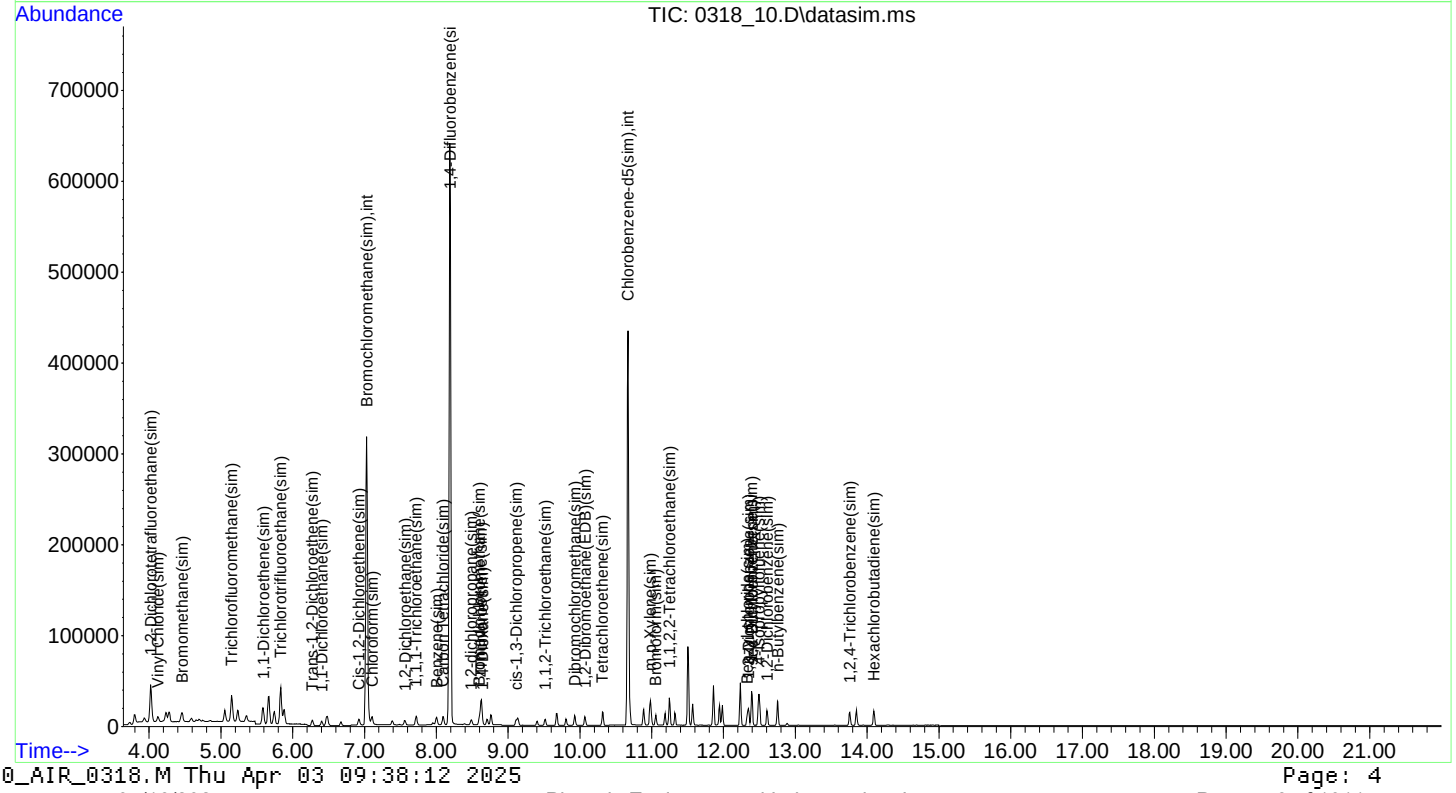
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_10.D
Acq On : 18 Mar 2025 11:43 am
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 13:22:07 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2025 12:18 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 13:22:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	157535	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	543918	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	255907	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	173086	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	543918	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	255907	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	324640	11.704	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.00%				
Target Compounds							Qvalue
2) Propylene	3.727	41	4682	0.524	ppbv		89
3) Dichlorodifluoromethane	3.800	85	25048	0.515	ppbv		97
4) Chloromethane	3.938	50	13727	0.521	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.019	85	55129	0.503	ppbv	#	79
6) Vinyl Chloride	4.116	62	17468	0.517	ppbv		97
7) 1,3-Butadiene	4.238	54	12056	0.507	ppbv	#	85
8) Bromomethane	4.449	94	22276	0.515	ppbv	#	87
9) Chloroethane	4.587	64	8976	0.528	ppbv		96
11) Ethanol	4.700	45	9117	0.644	ppbv	#	50
12) Acetone	5.049	43	31719	0.505	ppbv	#	76
13) Trichlorofluoromethane	5.147	101	65557	0.506	ppbv		95
14) Isopropylalcohol	5.228	45	37601	0.553	ppbv	#	93
15) Acrylonitrile	5.349	53	13523	0.504	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	34505	0.529	ppbv	#	74
17) Methylene Chloride	5.664	49	25500	0.569	ppbv	#	69
20) Carbon Disulfide	5.878	76	61077	0.525	ppbv		99
21) Trichlorotrifluoroethane	5.830	101	50378	0.520	ppbv		94
22) Trans-1,2-Dichloroethene	6.272	61	9005	0.502	ppbv	#	80
23) 1,1-Dichloroethane	6.402	63	11259	0.489	ppbv		97
24) Methyl tert-butyl ethe...	6.460	73	17295	0.487	ppbv	#	88
25) Methyl Ethyl Ketone	6.663	43	13352	0.501	ppbv	#	94
26) Cis-1,2-Dichloroethene	6.926	61	8459	0.487	ppbv		92
27) Hexane	7.042	57	8856	0.472	ppbv		86
28) Chloroform	7.104	83	14912	0.504	ppbv		98
29) Ethyl acetate	7.050	61	1968	0.463	ppbv	#	78
30) Tetrahydrofuran	7.383	42	6161	0.473	ppbv		91
31) 1,2-Dichloroethane	7.561	62	8868	0.472	ppbv	#	85
32) 1,1,1-Trichloroethane	7.716	97	15452	0.484	ppbv		93
33) Benzene	8.002	78	18913	0.477	ppbv		96
34) Carbon Tetrachloride	8.097	117	15383	0.454	ppbv		95
35) Cyclohexane	8.175	84	7863	0.471	ppbv		95
37) 1,2-dichloropropane	8.486	63	7637	0.455	ppbv		91
38) Bromodichloromethane	8.599	83	15105	0.397	ppbv		99
39) Trichloroethene	8.624	130	10866	0.386	ppbv	#	83
40) 2,2,4-trimethylpentane	8.624	57	28773	0.416	ppbv		97
41) 1,4-Dioxane	8.633	88	2299	0.233	ppbv	#	80
43) Heptane	8.763	43	11894	0.473	ppbv		95
44) cis-1,3-Dichloropropene	9.107	75	11552	0.418	ppbv		97
45) 4-Methyl-2-pentanone(M...	9.128	43	15531	0.401	ppbv	#	91
46) trans-1,3-Dichloropropene	9.403	75	9082	0.427	ppbv		95
47) 1,1,2-Trichloroethane	9.515	97	9057	0.451	ppbv		97
48) Toluene	9.677	91	25324	0.446	ppbv		97

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2025 12:18 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 13:22:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.931	129	16638	0.398	ppbv	97
50) 2-Hexanone(MBK)	9.804	43	14128	0.406	ppbv#	47
51) 1,2-Dibromoethane(EDB)	10.064	107	14607	0.427	ppbv	100
52) Tetrachloroethene	10.318	166	13847	0.409	ppbv	95
54) 1,1,1,2-Tetrachloroethane	10.682	131	12028	0.450	ppbv#	94
55) Chlorobenzene	10.697	112	22042	0.511	ppbv	98
56) Ethylbenzene	10.887	91	31707	0.510	ppbv	87
57) m,p-Xylene	10.985	91	47171	0.978	ppbv	100
58) Bromoform	11.054	173	16191	0.480	ppbv	97
59) Styrene	11.183	104	17489	0.481	ppbv#	67
60) 1,1,2,2-Tetrachloroethane	11.243	83	19456	0.451	ppbv	95
61) o-Xylene	11.251	91	24567	0.463	ppbv#	88
64) Isopropylbenzene	11.569	105	35732	0.489	ppbv#	94
65) 4-Ethyltoluene	11.941	105	35389	0.476	ppbv	93
66) 1,3,5-Trimethylbenzene	11.987	105	30940	0.515	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.237	105	29702	0.414	ppbv	91
68) Benzyl chloride	12.336	91	19306	0.407	ppbv#	91
69) 1,3-Dichlorobenzene	12.351	146	22451	0.464	ppbv#	90
70) 1,4-Dichlorobenzene	12.389	146	22453	0.438	ppbv	100
71) sec-Butylbenzene	12.397	105	45204	0.441	ppbv#	91
72) 4-Isopropyltoluene	12.488	119	42182	0.447	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	21879	0.486	ppbv#	89
74) n-Butylbenzene	12.754	91	35564	0.465	ppbv	98
75) 1,2,4-Trichlorobenzene	13.756	180	17104	0.421	ppbv	94
76) Naphthalene	13.847	128	35451	0.426	ppbv#	96
77) Hexachlorobutadiene	14.098	225	16909	0.451	ppbv	94
79] 1,2-Dichlorotetrafluor...	4.019	85	55129	0.474	ppbv#	79
80] Vinyl Chloride(sim)	4.119	62	19068	0.492	ppbv	98
81] Bromomethane(sim)	4.449	94	22276	0.451	ppbv#	87
82] Trichlorofluoromethane...	5.149	101	74613	0.498	ppbv#	97
83] 1,2-Dichloroethane(sim)	7.561	62	8868	0.432	ppbv#	9
84] 1,1,1-Trichloroethane(...	7.719	97	17194	0.477	ppbv#	95
85] Benzene(sim)	8.002	78	18913	0.434	ppbv	96
86] Carbon Tetrachloride(sim)	8.100	117	16856	0.483	ppbv	98
87] 1,1-Dichloroethene(sim)	5.586	61	34505	0.522	ppbv#	74
88] Trichlorotrifluoroetha...	5.833	101	55578	0.537	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.272	61	9005	0.456	ppbv#	80
90] 1,1-Dichloroethane(sim)	6.405	63	13230	0.480	ppbv	99
91] Cis-1,2-Dichloroethene...	6.926	61	8459	0.423	ppbv	92
92] Chloroform(sim)	7.107	83	16733	0.486	ppbv	97
94] 1,2-dichloropropane(sim)	8.489	63	8892	0.467	ppbv	87
95] Bromodichloromethane(sim)	8.599	83	15105	0.451	ppbv	99
96] Trichloroethene(sim)	8.627	130	12103	0.472	ppbv	89
97] 1,4-Dioxane(sim)	8.633	88	2299	0.219	ppbv#	80
98] cis-1,3-Dichloropropen...	9.110	75	13444	0.476	ppbv	96
99] 1,1,2-Trichloroethane(...	9.515	97	9057	0.459	ppbv	97
100] Dibromochloromethane(sim)	9.926	129	18730	0.468	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.064	107	14607	0.438	ppbv	100
102] Tetrachloroethene(sim)	10.314	166	16053	0.469	ppbv	96
104] Bromoform(sim)	11.057	173	17465	0.450	ppbv	98
105] m,p-Xylene(sim)	10.985	91	47171	0.913	ppbv#	88
106] 1,1,2,2-Tetrachloroeth...	11.246	83	22994	0.477	ppbv	100
107] Benzyl chloride(sim)	12.336	91	19306	0.428	ppbv	91
108] 1,3-Dichlorobenzene(sim)	12.347	146	27459	0.471	ppbv#	92
109] 1,4-Dichlorobenzene(sim)	12.389	146	22453	0.437	ppbv	89

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2025 12:18 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 13:22:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration

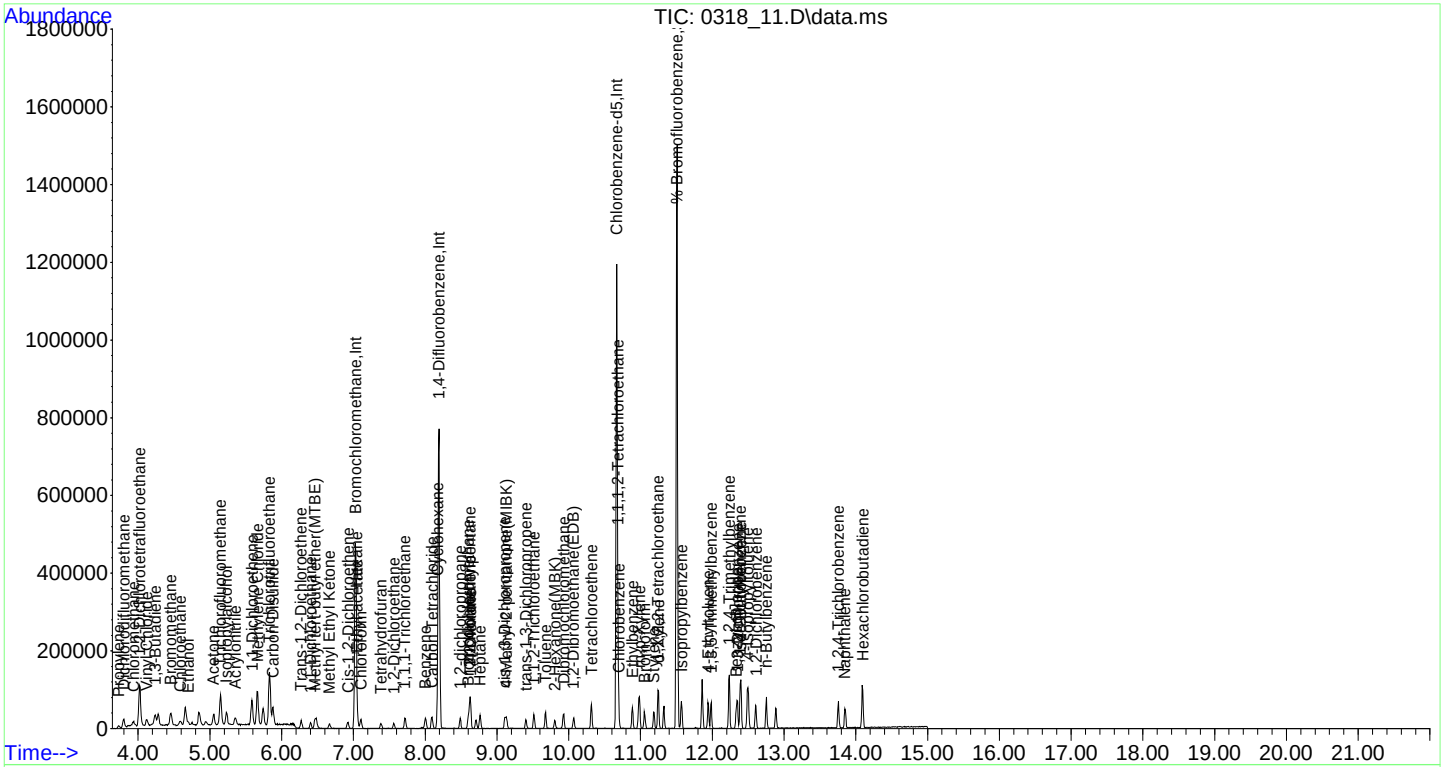
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	52436	0.458	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	42182	0.452	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	25593	0.460	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	35564	0.453	ppbv	98
114] 1,2,4-Trichlorobenzene...	13.759	180	20476	0.412	ppbv	98
116] Hexachlorobutadiene(sim)	14.093	225	19564	0.430	ppbv	99

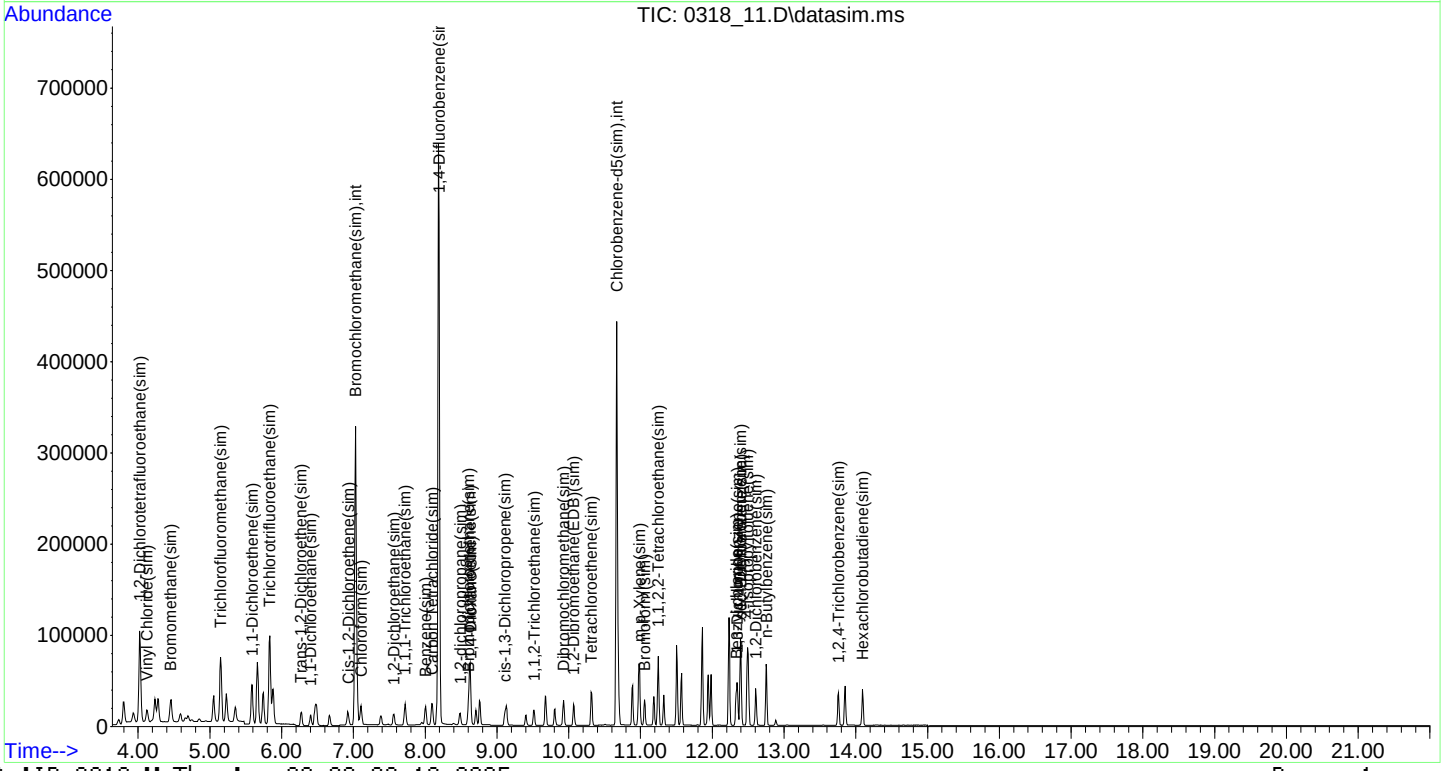
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_11.D
Acq On : 18 Mar 2025 12:18 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 13:22:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Mar 17 17:00:00 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2025 12:53 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 13:23:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:22:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	152756	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	522734	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	255571	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	168335	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	522734	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	255571	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	310519	9.420	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.20%				
Target Compounds							Qvalue
2) Propylene	3.727	41	23236	2.684	ppbv		93
3) Dichlorodifluoromethane	3.792	85	131675	2.793	ppbv		99
4) Chloromethane	3.930	50	70620	2.763	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.019	85	300629	2.827	ppbv	#	80
6) Vinyl Chloride	4.116	62	93143	2.843	ppbv		96
7) 1,3-Butadiene	4.230	54	65685	2.847	ppbv		97
8) Bromomethane	4.449	94	117712	2.807	ppbv	#	87
9) Chloroethane	4.587	64	45634	2.769	ppbv		93
11) Ethanol	4.684	45	38969	2.840	ppbv	#	45
12) Acetone	5.041	43	168072	2.761	ppbv	#	79
13) Trichlorofluoromethane	5.147	101	360511	2.868	ppbv	#	96
14) Isopropylalcohol	5.220	45	182522	2.770	ppbv	#	94
15) Acrylonitrile	5.349	53	79154	3.040	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	181081	2.860	ppbv	#	76
17) Methylene Chloride	5.664	49	118465	2.728	ppbv	#	69
20) Carbon Disulfide	5.878	76	322057	2.855	ppbv		98
21) Trichlorotrifluoroethane	5.830	101	265729	2.831	ppbv		95
22) Trans-1,2-Dichloroethene	6.272	61	48274	2.776	ppbv	#	82
23) 1,1-Dichloroethane	6.397	63	61785	2.769	ppbv		95
24) Methyl tert-butyl ethe...	6.449	73	93309	2.711	ppbv	#	89
25) Methyl Ethyl Ketone	6.653	43	68789	2.661	ppbv	#	92
26) Cis-1,2-Dichloroethene	6.918	61	45818	2.722	ppbv	#	82
27) Hexane	7.034	57	49981	2.748	ppbv		100
28) Chloroform	7.104	83	78487	2.738	ppbv		96
29) Ethyl acetate	7.042	61	10849	2.630	ppbv		86
30) Tetrahydrofuran	7.367	42	34669	2.747	ppbv		98
31) 1,2-Dichloroethane	7.561	62	49773	2.730	ppbv	#	88
32) 1,1,1-Trichloroethane	7.716	97	83664	2.700	ppbv		96
33) Benzene	8.002	78	104206	2.711	ppbv		93
34) Carbon Tetrachloride	8.097	117	88007	2.680	ppbv		97
35) Cyclohexane	8.175	84	43624	2.696	ppbv	#	87
37) 1,2-dichloropropane	8.486	63	43585	2.701	ppbv		88
38) Bromodichloromethane	8.598	83	89071	2.437	ppbv		99
39) Trichloroethene	8.624	130	62847	2.325	ppbv	#	82
40) 2,2,4-trimethylpentane	8.624	57	172326	2.593	ppbv		97
41) 1,4-Dioxane	8.624	88	24516	3.317	ppbv	#	83
43) Heptane	8.763	43	63829	2.643	ppbv		99
44) cis-1,3-Dichloropropene	9.107	75	65386	2.459	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.121	43	97104	2.611	ppbv	#	92
46) trans-1,3-Dichloropropene	9.403	75	52264	2.558	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	49356	2.555	ppbv		98
48) Toluene	9.677	91	140662	2.579	ppbv		97

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2025 12:53 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 13:23:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:22:54 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.923	129	98974	2.464	ppbv	98
50)	2-Hexanone(MBK)	9.797	43	92601	2.767	ppbv#	45
51)	1,2-Dibromoethane(EDB)	10.064	107	82165	2.498	ppbv	99
52)	Tetrachloroethene	10.318	166	79198	2.433	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.682	131	77300	2.897	ppbv#	93
55)	Chlorobenzene	10.690	112	117738	2.732	ppbv#	83
56)	Ethylbenzene	10.887	91	180095	2.903	ppbv	85
57)	m,p-Xylene	10.978	91	272023	5.648	ppbv	100
58)	Bromoform	11.054	173	95843	2.848	ppbv	98
59)	Styrene	11.183	104	106313	2.929	ppbv#	73
60)	1,1,2,2-Tetrachloroethane	11.243	83	116028	2.691	ppbv	95
61)	o-Xylene	11.251	91	143056	2.702	ppbv#	89
64)	Isopropylbenzene	11.569	105	214126	2.931	ppbv#	94
65)	4-Ethyltoluene	11.941	105	210888	2.840	ppbv	91
66)	1,3,5-Trimethylbenzene	11.987	105	165893	2.767	ppbv#	90
67)	1,2,4-Trimethylbenzene	12.237	105	184641	2.578	ppbv	91
68)	Benzyl chloride	12.328	91	136688	2.886	ppbv#	90
69)	1,3-Dichlorobenzene	12.351	146	130150	2.691	ppbv#	88
70)	1,4-Dichlorobenzene	12.389	146	134248	2.624	ppbv	100
71)	sec-Butylbenzene	12.397	105	281860	2.754	ppbv#	92
72)	4-Isopropyltoluene	12.488	119	264900	2.809	ppbv	100
73)	1,2-Dichlorobenzene	12.609	146	125479	2.790	ppbv#	88
74)	n-Butylbenzene	12.754	91	223570	2.925	ppbv	97
75)	1,2,4-Trichlorobenzene	13.756	180	107599	2.649	ppbv	97
76)	Naphthalene	13.847	128	230518	2.774	ppbv#	95
77)	Hexachlorobutadiene	14.090	225	91088	2.431	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.019	85	300243	2.652	ppbv#	80
80]	Vinyl Chloride(sim)	4.119	62	102567	2.723	ppbv	98
81]	Bromomethane(sim)	4.449	94	117712	2.450	ppbv#	88
82]	Trichlorofluoromethane...	5.149	101	400384	2.749	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	49773	2.493	ppbv#	9
84]	1,1,1-Trichloroethane(...	7.719	97	97102	2.771	ppbv#	95
85]	Benzene(sim)	8.002	78	104206	2.456	ppbv	93
86]	Carbon Tetrachloride(sim)	8.091	117	100542	2.964	ppbv	99
87]	1,1-Dichloroethene(sim)	5.586	61	181081	2.816	ppbv#	75
88]	Trichlorotrifluoroetha...	5.833	101	291238	2.892	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.272	61	48274	2.515	ppbv#	82
90]	1,1-Dichloroethane(sim)	6.400	63	70809	2.639	ppbv	98
91]	Cis-1,2-Dichloroethene...	6.918	61	45818	2.354	ppbv#	82
92]	Chloroform(sim)	7.107	83	91270	2.724	ppbv	97
94]	1,2-dichloropropane(sim)	8.489	63	48948	2.673	ppbv	86
95]	Bromodichloromethane(sim)	8.598	83	89071	2.766	ppbv	99
96]	Trichloroethene(sim)	8.627	130	70041	2.841	ppbv#	87
98]	cis-1,3-Dichloropropen...	9.110	75	75881	2.795	ppbv	97
99]	1,1,2-Trichloroethane(...	9.515	97	49356	2.600	ppbv	98
100]	Dibromochloromethane(sim)	9.926	129	111417	2.894	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.064	107	82165	2.562	ppbv	99
102]	Tetrachloroethene(sim)	10.314	166	90723	2.756	ppbv	96
104]	Bromoform(sim)	11.057	173	108960	2.810	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	272023	5.274	ppbv#	88
106]	1,1,2,2-Tetrachloroeth...	11.246	83	132150	2.743	ppbv	100
107]	Benzyl chloride(sim)	12.328	91	136688	3.035	ppbv	90
108]	1,3-Dichlorobenzene(sim)	12.347	146	157054	2.700	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	134248	2.616	ppbv	88
110]	sec-Butylbenzene(sim)	12.400	105	321685	2.811	ppbv	94

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2025 12:53 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 13:23:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:22:54 2025
Response via : Initial Calibration

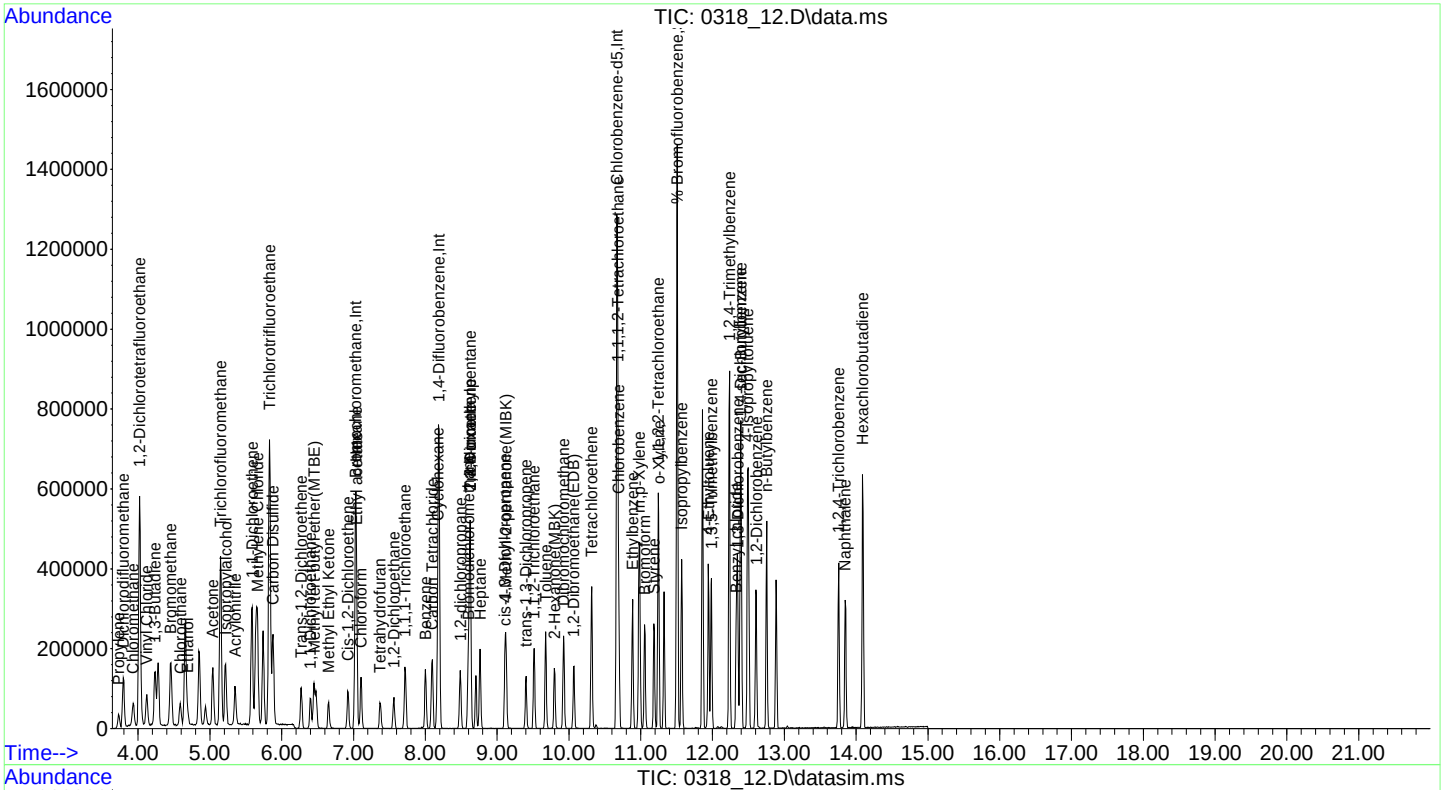
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.488	119	264900	2.840	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	145173	2.614	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	223570	2.851	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	124922	2.517	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	110711	2.434	ppbv	99

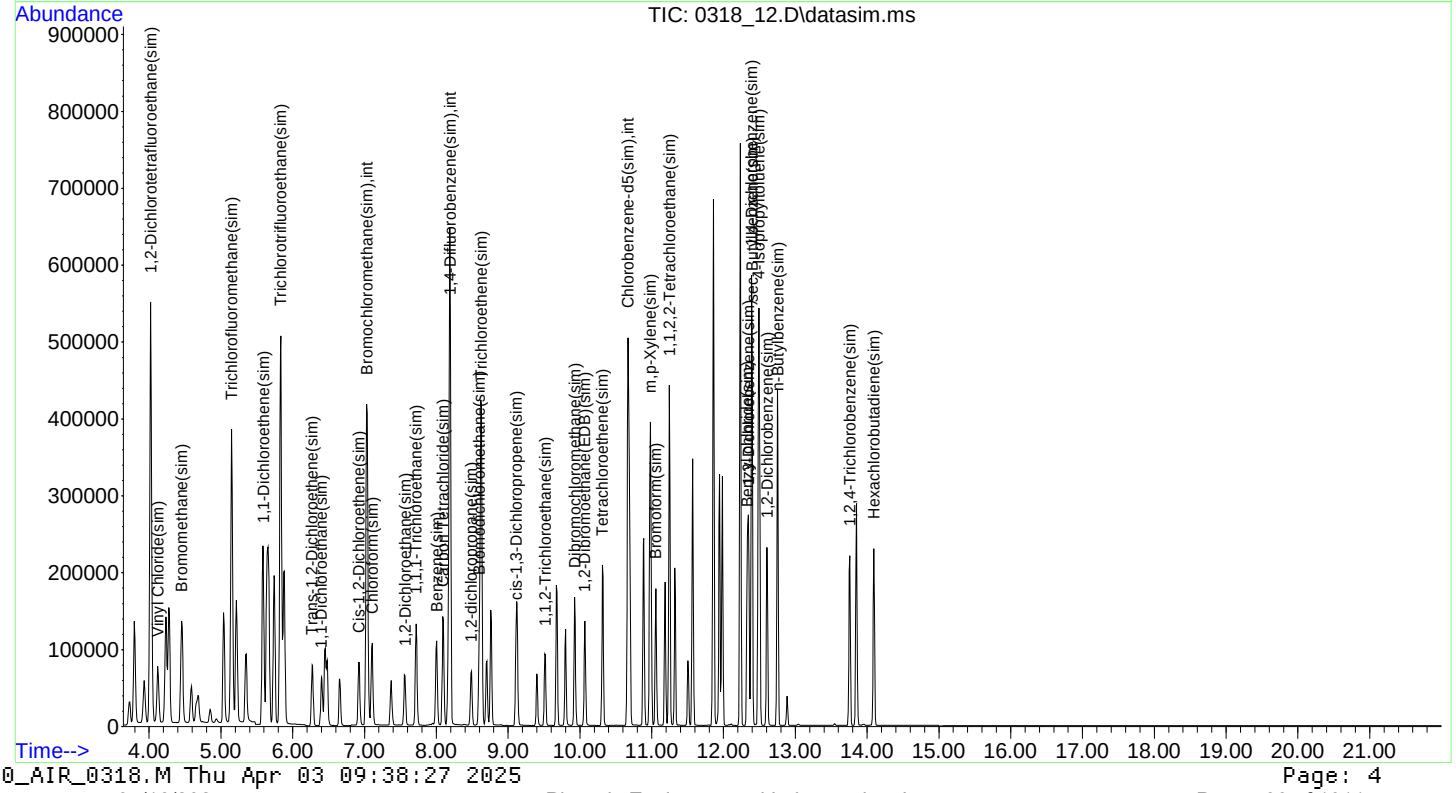
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_12.D
Acq On : 18 Mar 2025 12:53 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 13:23:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:22:54 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2025 1:25 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 14:03:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:25:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	151961	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	522029	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	266193	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	170053	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	522029	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	266193	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	317074	9.417	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.20%				
Target Compounds							Qvalue
2) Propylene	3.727	41	42902	4.982	ppbv		93
3) Dichlorodifluoromethane	3.792	85	220378	4.700	ppbv		100
4) Chloromethane	3.930	50	133204	5.238	ppbv		93
5) 1,2-Dichlorotetrafluor...	4.019	85	544263	5.145	ppbv#		79
6) Vinyl Chloride	4.116	62	168880	5.181	ppbv		94
7) 1,3-Butadiene	4.230	54	116731	5.086	ppbv		95
8) Bromomethane	4.449	94	212059	5.083	ppbv#		87
9) Chloroethane	4.587	64	82546	5.036	ppbv		94
11) Ethanol	4.684	45	67060	4.913	ppbv#		40
12) Acetone	5.033	43	296282	4.893	ppbv#		79
13) Trichlorofluoromethane	5.147	101	645851	5.164	ppbv#		94
14) Isopropylalcohol	5.212	45	339859	5.185	ppbv#		94
15) Acrylonitrile	5.349	53	130720	5.047	ppbv#		1
16) 1,1-Dichloroethene	5.586	61	324989	5.160	ppbv#		74
17) Methylene Chloride	5.664	49	206685	4.785	ppbv#		67
20) Carbon Disulfide	5.878	76	573513	5.111	ppbv		97
21) Trichlorotrifluoroethane	5.830	101	475773	5.095	ppbv		95
22) Trans-1,2-Dichloroethene	6.272	61	86552	5.004	ppbv#		82
23) 1,1-Dichloroethane	6.402	63	111360	5.016	ppbv		95
24) Methyl tert-butyl ethe...	6.444	73	170221	4.971	ppbv#		89
25) Methyl Ethyl Ketone	6.648	43	128630	5.002	ppbv#		92
26) Cis-1,2-Dichloroethene	6.926	61	84543	5.049	ppbv#		85
27) Hexane	7.042	57	90390	4.996	ppbv		98
28) Chloroform	7.104	83	145296	5.095	ppbv		95
29) Ethyl acetate	7.042	61	21449	5.226	ppbv		86
30) Tetrahydrofuran	7.367	42	66655	5.310	ppbv		99
31) 1,2-Dichloroethane	7.561	62	91707	5.056	ppbv#		88
32) 1,1,1-Trichloroethane	7.716	97	155523	5.046	ppbv		97
33) Benzene	8.002	78	198814	5.200	ppbv		95
34) Carbon Tetrachloride	8.097	117	167119	5.115	ppbv		98
35) Cyclohexane	8.175	84	80303	4.989	ppbv#		84
37) 1,2-dichloropropane	8.486	63	77773	4.825	ppbv		88
38) Bromodichloromethane	8.599	83	168171	4.607	ppbv		97
39) Trichloroethene	8.625	130	121251	4.492	ppbv#		80
40) 2,2,4-trimethylpentane	8.625	57	300990	4.536	ppbv		97
41) 1,4-Dioxane	8.616	88	49701	3.774	ppbv#		77
43) Heptane	8.763	43	118617	4.919	ppbv		99
44) cis-1,3-Dichloropropene	9.107	75	123940	4.668	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.121	43	181198	4.879	ppbv#		92
46) trans-1,3-Dichloropropene	9.403	75	100835	4.942	ppbv		97
47) 1,1,2-Trichloroethane	9.515	97	90687	4.700	ppbv		99
48) Toluene	9.677	91	265178	4.869	ppbv#		98

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2025 1:25 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 14:03:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:25:23 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.924	129	189905	4.734	ppbv	98
50)	2-Hexanone(MBK)	9.797	43	170336	5.097	ppbv#	44
51)	1,2-Dibromoethane(EDB)	10.071	107	157894	4.807	ppbv	97
52)	Tetrachloroethene	10.318	166	151527	4.661	ppbv	93
54)	1,1,1,2-Tetrachloroethane	10.682	131	139814	5.031	ppbv#	90
55)	Chlorobenzene	10.690	112	223521	4.980	ppbv#	82
56)	Ethylbenzene	10.887	91	333611	5.163	ppbv	85
57)	m,p-Xylene	10.978	91	518660	10.339	ppbv	100
58)	Bromoform	11.054	173	174743	4.985	ppbv	97
59)	Styrene	11.183	104	197167	5.215	ppbv#	73
60)	1,1,2,2-Tetrachloroethane	11.243	83	219943	4.897	ppbv	96
61)	o-Xylene	11.251	91	268663	4.872	ppbv#	86
64)	Isopropylbenzene	11.569	105	382672	5.029	ppbv#	93
65)	4-Ethyltoluene	11.941	105	398685	5.155	ppbv	92
66)	1,3,5-Trimethylbenzene	11.987	105	313645	5.022	ppbv#	90
67)	1,2,4-Trimethylbenzene	12.237	105	359327	4.816	ppbv	91
68)	Benzyl chloride	12.329	91	265003	5.371	ppbv#	89
69)	1,3-Dichlorobenzene	12.351	146	251152	4.986	ppbv#	89
70)	1,4-Dichlorobenzene	12.389	146	253434	4.757	ppbv	100
71)	sec-Butylbenzene	12.397	105	503265	4.720	ppbv#	92
72)	4-Isopropyltoluene	12.488	119	469750	4.783	ppbv	100
73)	1,2-Dichlorobenzene	12.602	146	234692	5.011	ppbv#	88
74)	n-Butylbenzene	12.754	91	394653	4.957	ppbv	97
75)	1,2,4-Trichlorobenzene	13.756	180	208048	4.918	ppbv	96
76)	Naphthalene	13.847	128	433995	5.014	ppbv#	95
77)	Hexachlorobutadiene	14.090	225	181506	4.651	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.019	85	543102	4.749	ppbv#	79
80]	Vinyl Chloride(sim)	4.119	62	185952	4.886	ppbv	98
81]	Bromomethane(sim)	4.449	94	212059	4.369	ppbv#	87
82]	Trichlorofluoromethane...	5.150	101	720887	4.900	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	91707	4.547	ppbv#	8
84]	1,1,1-Trichloroethane(...	7.719	97	181182	5.117	ppbv#	95
85]	Benzene(sim)	8.002	78	198814	4.639	ppbv	95
86]	Carbon Tetrachloride(sim)	8.091	117	189749	5.537	ppbv	99
87]	1,1-Dichloroethene(sim)	5.586	61	324989	5.003	ppbv#	74
88]	Trichlorotrifluoroetha...	5.833	101	522542	5.136	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.272	61	86552	4.463	ppbv#	82
90]	1,1-Dichloroethane(sim)	6.405	63	128585	4.745	ppbv	98
91]	Cis-1,2-Dichloroethene...	6.926	61	84543	4.299	ppbv#	85
92]	Chloroform(sim)	7.107	83	167411	4.945	ppbv	97
94]	1,2-dichloropropane(sim)	8.489	63	90441	4.945	ppbv	87
95]	Bromodichloromethane(sim)	8.599	83	168171	5.229	ppbv	97
96]	Trichloroethene(sim)	8.627	130	133054	5.404	ppbv#	88
97]	1,4-Dioxane(sim)	8.616	88	49701	3.814	ppbv#	77
98]	cis-1,3-Dichloropropen...	9.110	75	143819	5.305	ppbv	96
99]	1,1,2-Trichloroethane(...	9.515	97	90574	4.778	ppbv	99
100]	Dibromochloromethane(sim)	9.926	129	212321	5.522	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.071	107	157894	4.930	ppbv	97
102]	Tetrachloroethene(sim)	10.314	166	171629	5.221	ppbv	97
104]	Bromoform(sim)	11.057	173	197992	4.902	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	520068	9.680	ppbv#	88
106]	1,1,2,2-Tetrachloroeth...	11.246	83	250550	4.994	ppbv	100
107]	Benzyl chloride(sim)	12.329	91	265003	5.650	ppbv	89
108]	1,3-Dichlorobenzene(sim)	12.347	146	298908	4.934	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	253331	4.739	ppbv	88

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2025 1:25 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 14:03:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:25:23 2025
Response via : Initial Calibration

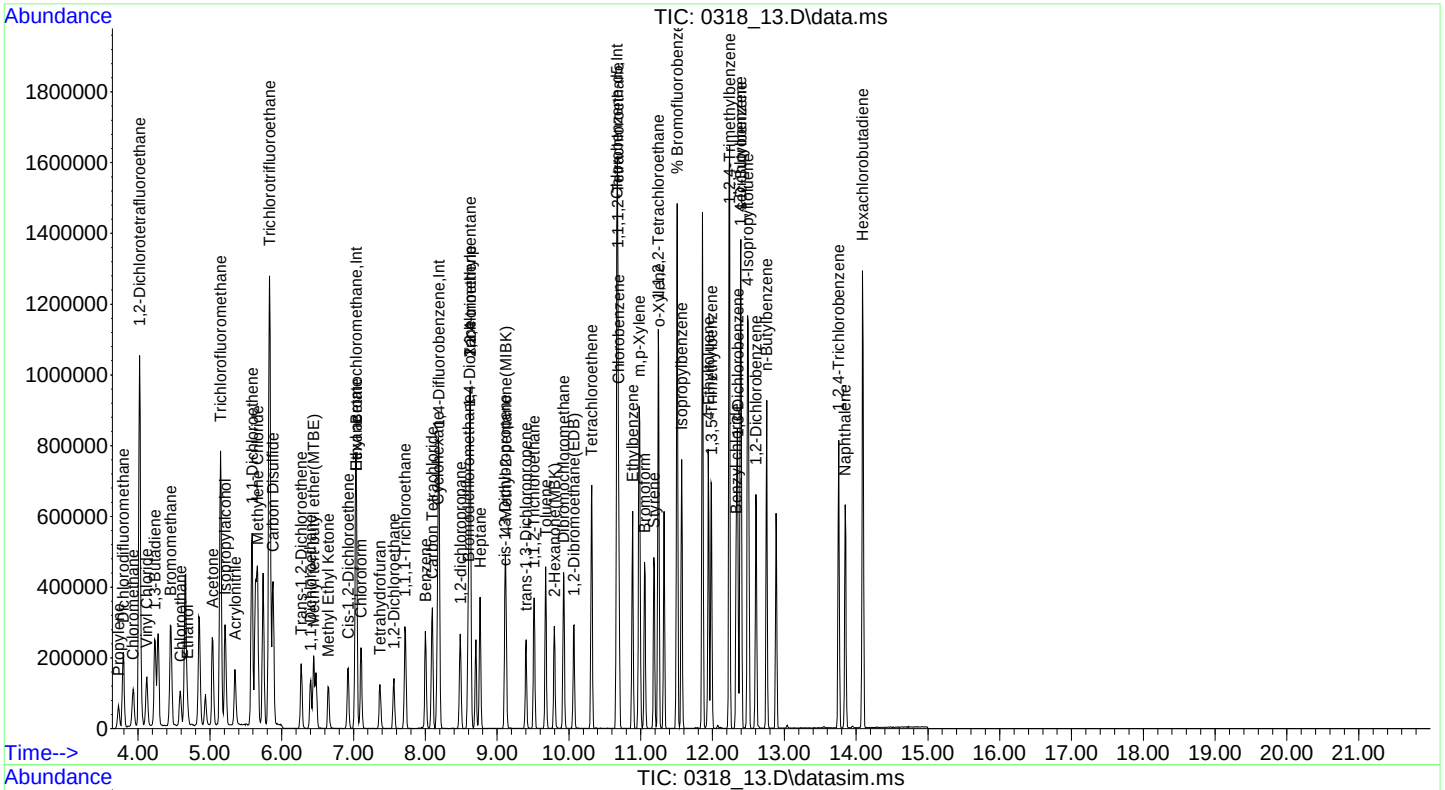
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	575197	4.826	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	469750	4.836	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	272246	4.706	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	394653	4.832	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	243264	4.705	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	219889	4.642	ppbv	99

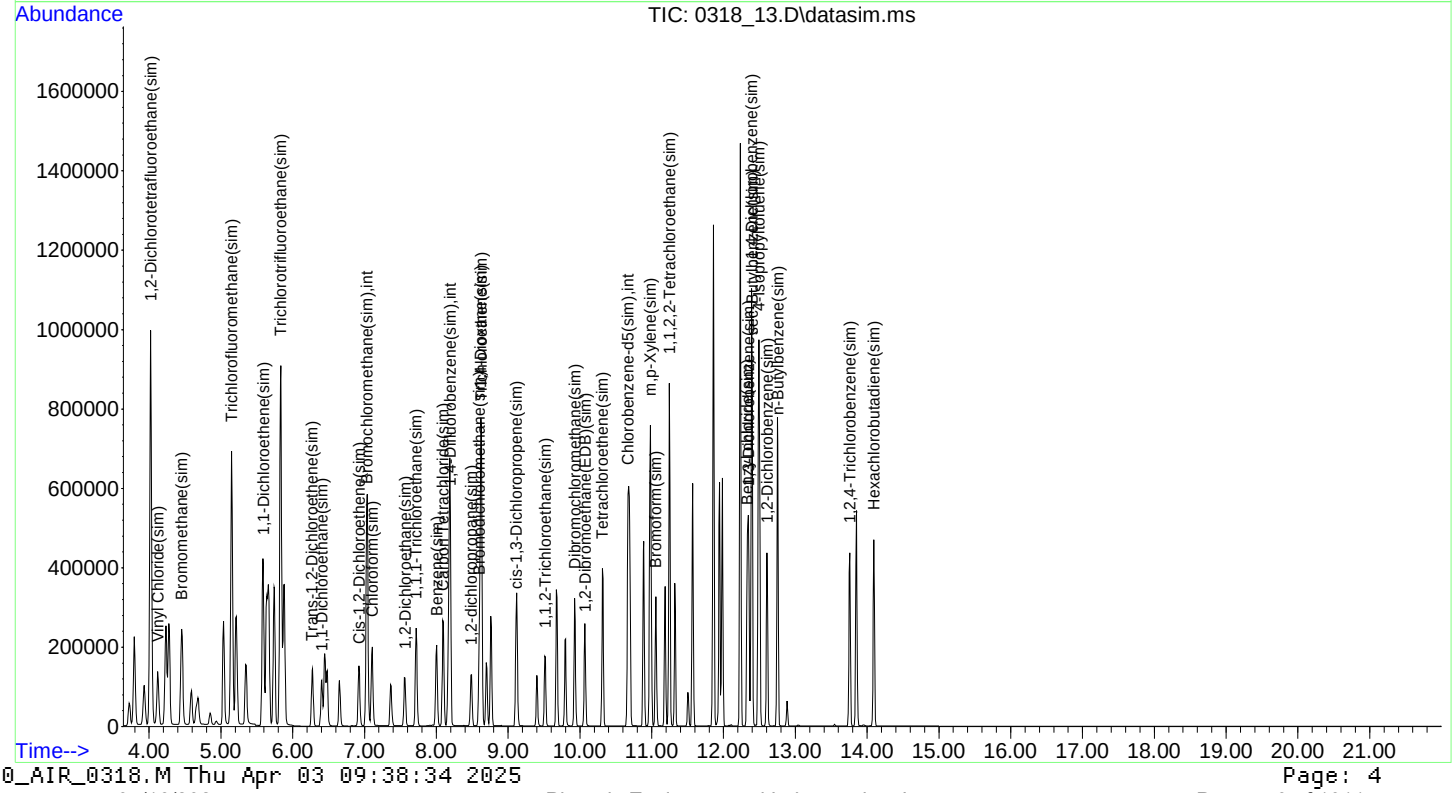
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_13.D
Acq On : 18 Mar 2025 1:25 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 14:03:02 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 13:25:23 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2025 2:00 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:24 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 14:03:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	174080	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	512323	10.000	ng		0.00
53) Chlorobenzene-d5	10.675	82	372624	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	192531	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	512323	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.675	82	372624	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	302741	6.518	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	65.20%#			
Target Compounds							Qvalue
2) Propylene	3.727	41	213579	21.652	ppbv		94
3) Dichlorodifluoromethane	3.792	85	1234452	22.980	ppbv		99
4) Chloromethane	3.930	50	611189	20.982	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.019	85	2626082	21.669	ppbv#		79
6) Vinyl Chloride	4.125	62	776970	20.810	ppbv		95
7) 1,3-Butadiene	4.238	54	555775	21.139	ppbv		96
8) Bromomethane	4.457	94	1011819	21.170	ppbv#		87
9) Chloroethane	4.587	64	386034	20.558	ppbv		93
11) Ethanol	4.676	45	315129	20.153	ppbv#		40
12) Acetone	5.025	43	1364770	19.675	ppbv#		78
13) Trichlorofluoromethane	5.147	101	3061156	21.367	ppbv#		94
14) Isopropylalcohol	5.195	45	1494753	19.907	ppbv#		94
15) Acrylonitrile	5.349	53	600911	20.255	ppbv#		1
16) 1,1-Dichloroethene	5.586	61	1512735	20.968	ppbv#		72
17) Methylene Chloride	5.664	49	925543	18.706	ppbv#		65
20) Carbon Disulfide	5.878	76	2658459	20.681	ppbv		96
21) Trichlorotrifluoroethane	5.830	101	2283457	21.347	ppbv		95
22) Trans-1,2-Dichloroethene	6.272	61	454309	22.928	ppbv#		82
23) 1,1-Dichloroethane	6.402	63	564835	22.211	ppbv		96
24) Methyl tert-butyl ethe...	6.434	73	895545	22.829	ppbv#		90
25) Methyl Ethyl Ketone	6.642	43	657086	22.304	ppbv#		92
26) Cis-1,2-Dichloroethene	6.926	61	436545	22.758	ppbv#		83
27) Hexane	7.042	57	488362	23.563	ppbv		97
28) Chloroform	7.104	83	745105	22.808	ppbv		95
29) Ethyl acetate	7.034	61	119829	25.486	ppbv		88
30) Tetrahydrofuran	7.360	42	324647	22.575	ppbv		98
31) 1,2-Dichloroethane	7.561	62	478713	23.041	ppbv#		90
32) 1,1,1-Trichloroethane	7.716	97	845163	23.937	ppbv		97
33) Benzene	8.002	78	1012184	23.108	ppbv		94
34) Carbon Tetrachloride	8.097	117	959462	25.634	ppbv		99
35) Cyclohexane	8.175	84	406116	22.024	ppbv#		81
37) 1,2-dichloropropane	8.486	63	409011	25.857	ppbv		89
38) Bromodichloromethane	8.599	83	1089463	30.414	ppbv		96
39) Trichloroethene	8.625	130	813693	30.714	ppbv#		82
40) 2,2,4-trimethylpentane	8.625	57	1851213	28.426	ppbv		98
41) 1,4-Dioxane	8.616	88	321401	23.131	ppbv#		76
43) Heptane	8.763	43	606763	25.638	ppbv#		99
44) cis-1,3-Dichloropropene	9.114	75	755795	29.006	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.114	43	1016206	27.882	ppbv		93
46) trans-1,3-Dichloropropene	9.403	75	550712	27.502	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	510190	26.944	ppbv		98
48) Toluene	9.677	91	1430129	26.755	ppbv#		98

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2025 2:00 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:24 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 14:03:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.931	129	1202496	30.542	ppbv	99
50) 2-Hexanone(MBK)	9.790	43	893985	27.259	ppbv#	43
51) 1,2-Dibromoethane(EDB)	10.071	107	905110	28.075	ppbv	97
52) Tetrachloroethene	10.318	166	928948	29.118	ppbv	94
54) 1,1,1,2-Tetrachloroethane	10.682	131	926255	23.811	ppbv#	92
55) Chlorobenzene	10.690	112	1399298	22.269	ppbv#	80
56) Ethylbenzene	10.887	91	1904370	21.055	ppbv	85
57) m,p-Xylene	10.986	91	3290305	46.856	ppbv	100
58) Bromoform	11.061	173	1152318	23.485	ppbv	96
59) Styrene	11.190	104	1136619	21.475	ppbv#	73
60) 1,1,2,2-Tetrachloroethane	11.243	83	1506380	23.961	ppbv	96
61) o-Xylene	11.251	91	1885389	24.425	ppbv#	86
64) Isopropylbenzene	11.569	105	2318068	21.764	ppbv#	94
65) 4-Ethyltoluene	11.941	105	2417847	22.335	ppbv	91
66) 1,3,5-Trimethylbenzene	11.987	105	1958271	22.401	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.237	105	3070953	29.405	ppbv	91
68) Benzyl chloride	12.336	91	1722084	24.935	ppbv#	89
69) 1,3-Dichlorobenzene	12.351	146	1624199	23.036	ppbv#	89
70) 1,4-Dichlorobenzene	12.389	146	1986801	26.639	ppbv	100
71) sec-Butylbenzene	12.397	105	3850185	25.797	ppbv#	92
72) 4-Isopropyltoluene	12.488	119	3524020	25.631	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	1452295	22.150	ppbv#	89
74) n-Butylbenzene	12.754	91	2563390	23.002	ppbv	96
75) 1,2,4-Trichlorobenzene	13.756	180	1478485	24.965	ppbv	96
76) Naphthalene	13.847	128	2736687	22.588	ppbv#	95
77) Hexachlorobutadiene	14.090	225	1546883	28.314	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.019	85	2622294	20.253	ppbv#	79
80] Vinyl Chloride(sim)	4.119	62	856284	19.874	ppbv	98
81] Bromomethane(sim)	4.457	94	1011819	18.412	ppbv#	88
82] Trichlorofluoromethane...	5.150	101	3346399	20.092	ppbv#	95
83] 1,2-Dichloroethane(sim)	7.561	62	478713	20.963	ppbv#	10
84] 1,1,1-Trichloroethane(...	7.719	97	979724	24.442	ppbv#	94
85] Benzene(sim)	8.002	78	1012184	20.861	ppbv	94
86] Carbon Tetrachloride(sim)	8.100	117	1071972	27.631	ppbv	98
87] 1,1-Dichloroethene(sim)	5.586	61	1512735	20.569	ppbv#	72
88] Trichlorotrifluoroetha...	5.833	101	2458262	21.342	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.272	61	454309	20.691	ppbv#	82
90] 1,1-Dichloroethane(sim)	6.405	63	652349	21.261	ppbv	97
91] Cis-1,2-Dichloroethene...	6.926	61	436545	19.607	ppbv#	83
92] Chloroform(sim)	7.107	83	862828	22.513	ppbv	97
94] 1,2-dichloropropane(sim)	8.489	63	474074	26.413	ppbv	88
95] Bromodichloromethane(sim)	8.599	83	1089463	34.520	ppbv	96
96] Trichloroethene(sim)	8.627	130	896181	37.091	ppbv#	88
97] 1,4-Dioxane(sim)	8.616	88	321401	23.218	ppbv#	76
98] cis-1,3-Dichloropropen...	9.110	75	883205	33.194	ppbv	95
99] 1,1,2-Trichloroethane(...	9.515	97	510190	27.424	ppbv	98
100] Dibromochloromethane(sim)	9.926	129	1330840	35.270	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.071	107	905110	28.796	ppbv	97
102] Tetrachloroethene(sim)	10.321	166	1034686	32.074	ppbv	97
104] Bromoform(sim)	11.057	173	1294013	22.886	ppbv	98
105] m,p-Xylene(sim)	10.986	91	3292857	43.784	ppbv#	89
106] 1,1,2,2-Tetrachloroeth...	11.246	83	1654192	23.553	ppbv	99
107] Benzyl chloride(sim)	12.336	91	1722084	26.229	ppbv	89
108] 1,3-Dichlorobenzene(sim)	12.347	146	1898258	22.382	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.389	146	1986801	26.549	ppbv	88

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2025 2:00 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:24 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 14:03:22 2025
Response via : Initial Calibration

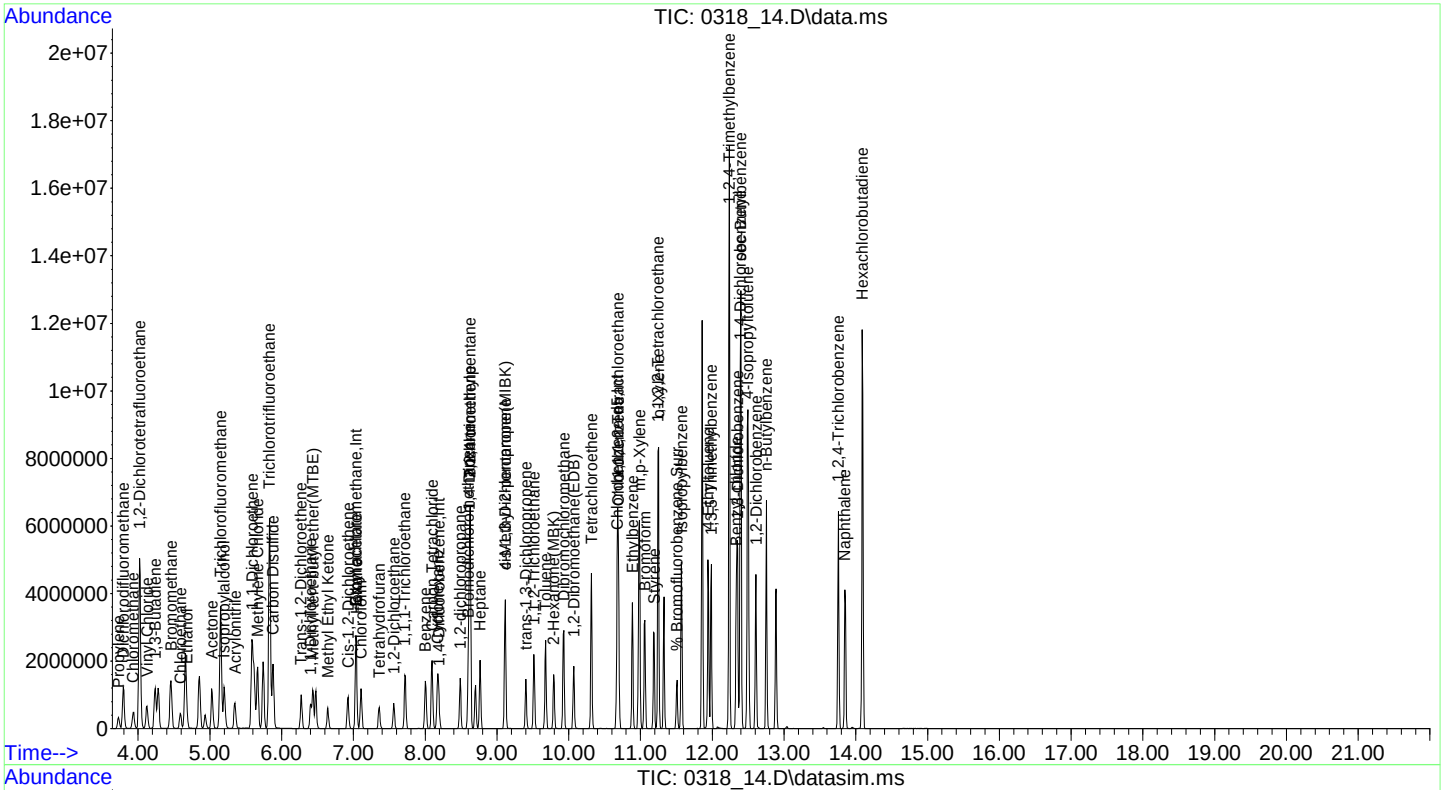
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	4282791	25.670	ppbv	93
111] 4-Isopropyltoluene(sim)	12.488	119	3523849	25.914	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	1674816	20.683	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	2563390	22.419	ppbv	96
114] 1,2,4-Trichlorobenzene...	13.759	180	1712998	23.670	ppbv	98
116] Hexachlorobutadiene(sim)	14.093	225	1815712	27.380	ppbv	98

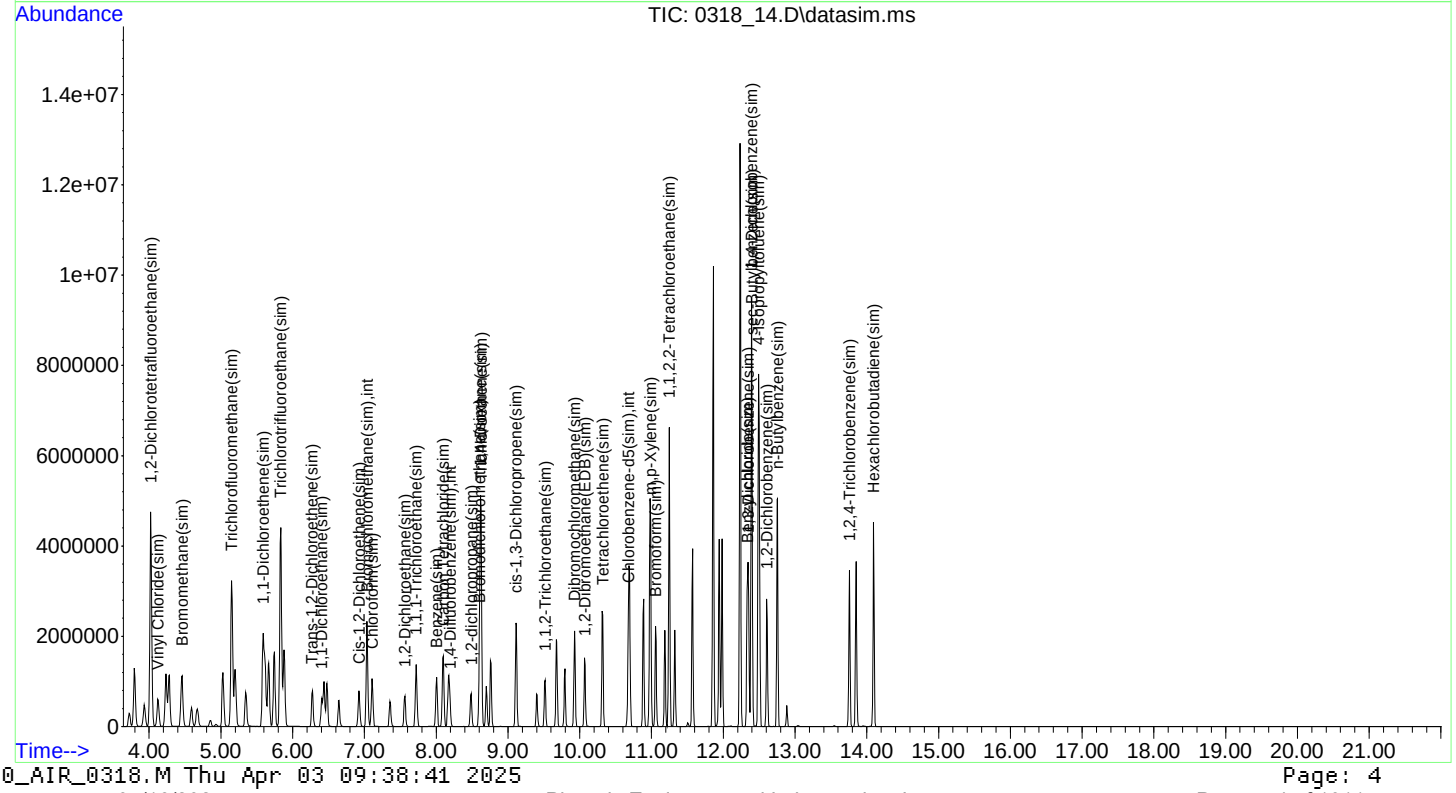
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_14.D
Acq On : 18 Mar 2025 2:00 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:24 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 14:03:22 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 18 Mar 2025 2:38 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 15:34:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	199688	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	543172	10.000	ng		0.00
53) Chlorobenzene-d5	10.675	82	497277	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	223084	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	543172	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.675	82	497277	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	318581	5.524	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	55.20%#			
Target Compounds							Qvalue
2) Propylene	3.727	41	351241	31.041	ppbv		93
3) Dichlorodifluoromethane	3.792	85	2079072	33.739	ppbv		99
4) Chloromethane	3.938	50	975443	29.192	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.019	85	4255085	30.608	ppbv#		79
6) Vinyl Chloride	4.125	62	1245141	29.072	ppbv		95
7) 1,3-Butadiene	4.238	54	891078	29.545	ppbv		96
8) Bromomethane	4.457	94	1629656	29.724	ppbv#		87
9) Chloroethane	4.587	64	619968	28.782	ppbv		94
11) Ethanol	4.676	45	501545	27.961	ppbv#		41
12) Acetone	5.025	43	2168478	27.253	ppbv#		78
13) Trichlorofluoromethane	5.147	101	4974667	30.271	ppbv#		94
14) Isopropylalcohol	5.195	45	2340131	27.169	ppbv#		93
15) Acrylonitrile	5.349	53	936336	27.513	ppbv#		1
16) 1,1-Dichloroethene	5.586	61	2429001	29.351	ppbv#		71
17) Methylene Chloride	5.664	49	1482437	26.119	ppbv#		65
20) Carbon Disulfide	5.878	76	4269804	28.956	ppbv		96
21) Trichlorotrifluoroethane	5.830	101	3761392	30.654	ppbv		94
22) Trans-1,2-Dichloroethene	6.272	61	768466	33.809	ppbv#		82
23) 1,1-Dichloroethane	6.402	63	957850	32.836	ppbv		96
24) Methyl tert-butyl ethe...	6.434	73	1522056	33.824	ppbv#		90
25) Methyl Ethyl Ketone	6.642	43	1088586	32.211	ppbv#		92
26) Cis-1,2-Dichloroethene	6.926	61	743799	33.803	ppbv#		82
27) Hexane	7.042	57	866957	36.466	ppbv		97
28) Chloroform	7.104	83	1279025	34.130	ppbv		95
29) Ethyl acetate	7.034	61	214946	39.853	ppbv		88
30) Tetrahydrofuran	7.360	42	538401	32.637	ppbv		98
31) 1,2-Dichloroethane	7.561	62	822333	34.503	ppbv#		89
32) 1,1,1-Trichloroethane	7.724	97	1482965	36.615	ppbv		97
33) Benzene	8.002	78	1706679	33.967	ppbv		95
34) Carbon Tetrachloride	8.097	117	1731363	40.325	ppbv		98
35) Cyclohexane	8.175	84	685374	32.401	ppbv#		81
37) 1,2-dichloropropane	8.486	63	702265	41.875	ppbv		90
38) Bromodichloromethane	8.607	83	2172407	57.201	ppbv		97
39) Trichloroethene	8.625	130	1679646	59.799	ppbv#		82
40) 2,2,4-trimethylpentane	8.625	57	3659589	53.003	ppbv		99
41) 1,4-Dioxane	8.616	88	656438	40.554	ppbv#		75
43) Heptane	8.763	43	1050896	41.882	ppbv#		98
44) cis-1,3-Dichloropropene	9.114	75	1449902	52.485	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.114	43	1846452	47.785	ppbv#		94
46) trans-1,3-Dichloropropene	9.403	75	970358	45.706	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	909577	45.308	ppbv		98
48) Toluene	9.677	91	2522884	44.519	ppbv#		98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 18 Mar 2025 2:38 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 15:34:38 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.931	129	2272759	54.446	ppbv	99
50)	2-Hexanone(MBK)	9.790	43	1528534	43.960	ppbv#	43
51)	1,2-Dibromoethane(EDB)	10.071	107	1654529	48.407	ppbv	98
52)	Tetrachloroethene	10.318	166	1781145	52.659	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.682	131	1887335	36.355	ppbv#	93
55)	Chlorobenzene	10.697	112	2759029	32.902	ppbv#	80
56)	Ethylbenzene	10.887	91	3475743	28.796	ppbv	86
57)	m,p-Xylene	10.985	91	6645433	70.913	ppbv	100
58)	Bromoform	11.061	173	2335596	35.669	ppbv	96
59)	Styrene	11.190	104	2065237	29.239	ppbv#	73
60)	1,1,2,2-Tetrachloroethane	11.251	83	3205466	38.206	ppbv	97
61)	o-Xylene	11.251	91	4021870	39.042	ppbv#	86
64)	Isopropylbenzene	11.569	105	4491119	31.597	ppbv#	93
65)	4-Ethyltoluene	11.941	105	4643329	32.141	ppbv	92
66)	1,3,5-Trimethylbenzene	11.987	105	3839030	32.907	ppbv#	90
67)	1,2,4-Trimethylbenzene	12.237	105	6496722	46.614	ppbv	89
68)	Benzyl chloride	12.336	91	3432250	37.239	ppbv#	89
69)	1,3-Dichlorobenzene	12.351	146	3411585	36.258	ppbv#	90
70)	1,4-Dichlorobenzene	12.389	146	4267116	42.872	ppbv	100
71)	sec-Butylbenzene	12.397	105	8060828	40.471	ppbv#	92
72)	4-Isopropyltoluene	12.488	119	7323673	39.914	ppbv	100
73)	1,2-Dichlorobenzene	12.610	146	2851410	32.587	ppbv#	90
74)	n-Butylbenzene	12.754	91	5072917	34.110	ppbv#	95
75)	1,2,4-Trichlorobenzene	13.756	180	3048563	38.572	ppbv	97
76)	Naphthalene	13.855	128	5178603	32.028	ppbv#	95
77)	Hexachlorobutadiene	14.098	225	3595602	49.316	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.019	85	4251252	28.337	ppbv#	79
80]	Vinyl Chloride(sim)	4.119	62	1372984	27.502	ppbv	97
81]	Bromomethane(sim)	4.457	94	1629656	25.593	ppbv#	87
82]	Trichlorofluoromethane...	5.149	101	5345888	27.701	ppbv#	95
83]	1,2-Dichloroethane(sim)	7.561	62	822333	31.079	ppbv#	13
84]	1,1,1-Trichloroethane(...	7.719	97	1711535	36.850	ppbv#	93
85]	Benzene(sim)	8.002	78	1706939	30.362	ppbv	95
86]	Carbon Tetrachloride(sim)	8.100	117	1911917	42.532	ppbv	98
87]	1,1-Dichloroethene(sim)	5.586	61	2429001	28.504	ppbv#	71
88]	Trichlorotrifluoroetha...	5.833	101	3994756	29.932	ppbv#	97
89]	Trans-1,2-Dichloroethe...	6.272	61	768466	30.205	ppbv#	82
90]	1,1-Dichloroethane(sim)	6.405	63	1101154	30.973	ppbv	97
91]	Cis-1,2-Dichloroethene...	6.926	61	743799	28.831	ppbv#	82
92]	Chloroform(sim)	7.107	83	1462457	32.932	ppbv	97
94]	1,2-dichloropropane(sim)	8.489	63	809285	42.529	ppbv	89
95]	Bromodichloromethane(sim)	8.607	83	2172407	64.923	ppbv	97
96]	Trichloroethene(sim)	8.627	130	1827736	71.350	ppbv	88
97]	1,4-Dioxane(sim)	8.616	88	656438	36.749	ppbv#	75
98]	cis-1,3-Dichloropropen...	9.110	75	1677293	59.459	ppbv#	95
99]	1,1,2-Trichloroethane(...	9.515	97	909577	46.115	ppbv	98
100]	Dibromochloromethane(sim)	9.926	129	2497229	62.422	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.071	107	1654529	49.650	ppbv	98
102]	Tetrachloroethene(sim)	10.321	166	1967496	57.526	ppbv	96
104]	Bromoform(sim)	11.064	173	2580565	34.199	ppbv	97
105]	m,p-Xylene(sim)	10.985	91	6649494	66.253	ppbv#	87
106]	1,1,2,2-Tetrachloroeth...	11.246	83	3411565	36.399	ppbv	98
107]	Benzyl chloride(sim)	12.336	91	3432250	39.172	ppbv	89
108]	1,3-Dichlorobenzene(sim)	12.354	146	3792731	33.510	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	4267116	42.727	ppbv	89

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 18 Mar 2025 2:38 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 15:34:38 2025
Response via : Initial Calibration

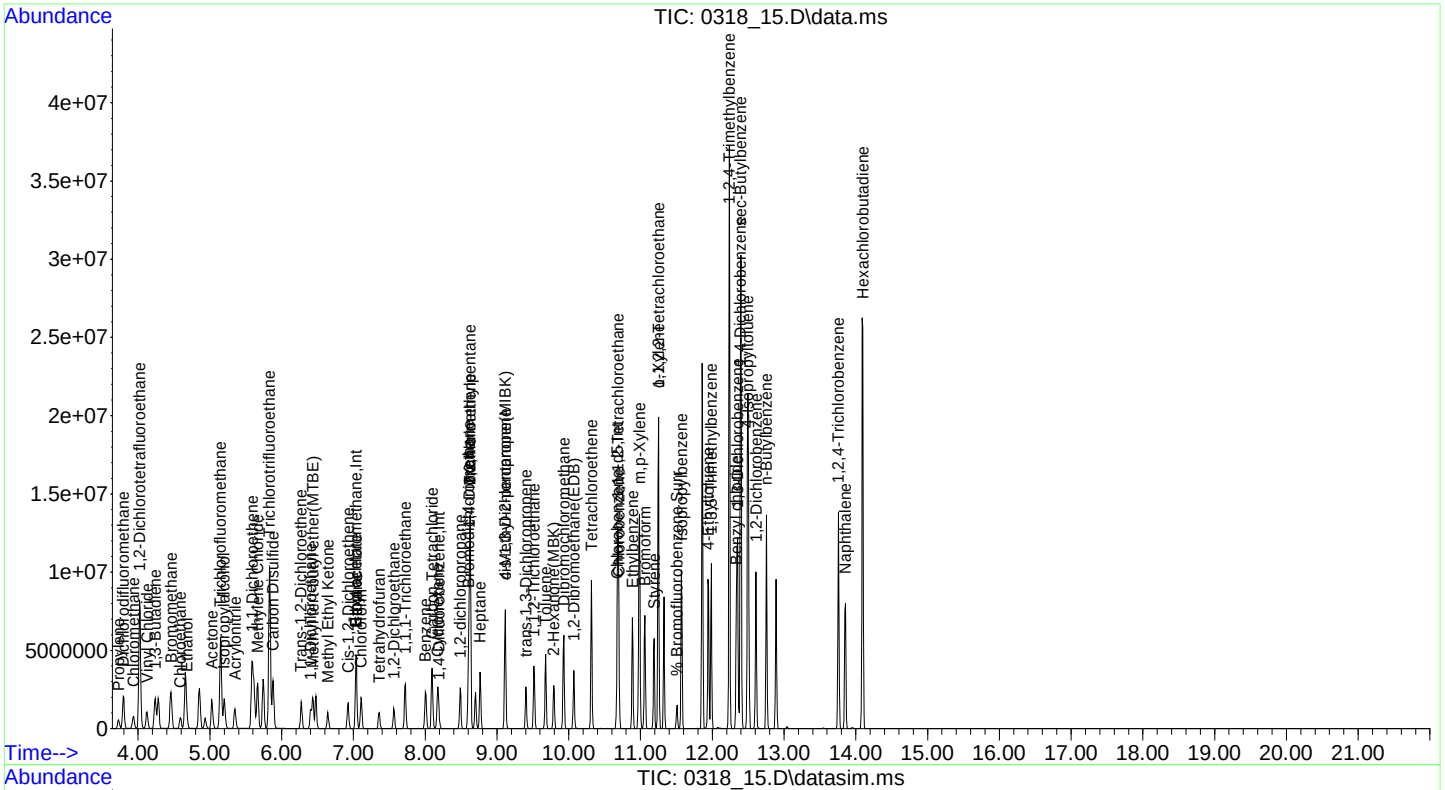
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	8505157	38.198	ppbv	91
111] 4-Isopropyltoluene(sim)	12.488	119	7323673	40.358	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.612	146	3245515	30.033	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	5074178	33.254	ppbv	95
114] 1,2,4-Trichlorobenzene...	13.759	180	3477658	36.008	ppbv	97
116] Hexachlorobutadiene(sim)	14.093	225	4053603	45.804	ppbv	98

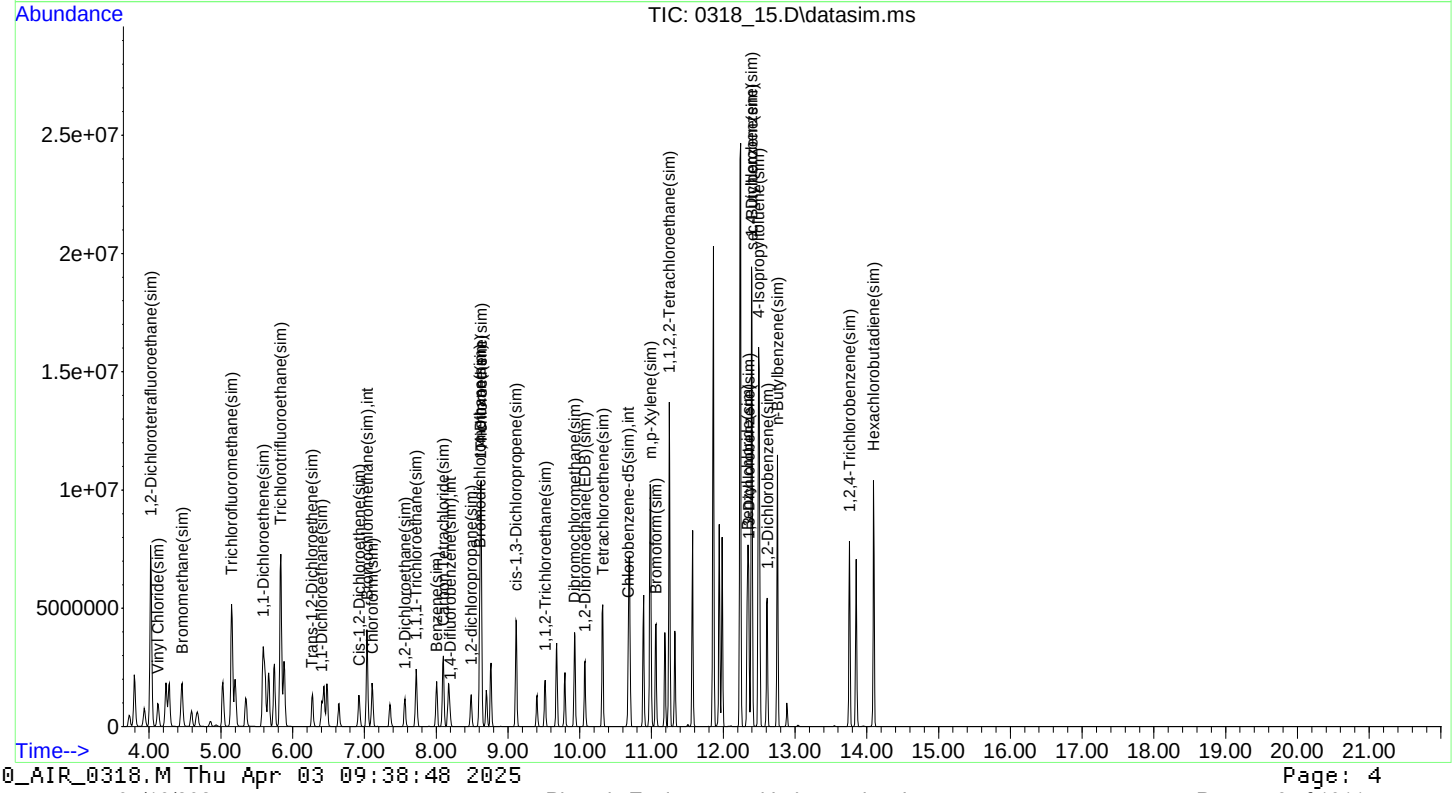
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_15.D
Acq On : 18 Mar 2025 2:38 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 15:34:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 15:34:38 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_16.D
Acq On : 18 Mar 2025 3:11 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 16:10:03 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	157472	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	550952	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	259639	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	173867	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	550952	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	259639	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	326114	11.411	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.10%				
Target Compounds							Qvalue
2) Propylene	3.735	41	9721	1.089	ppbv		96
3) Dichlorodifluoromethane	3.792	85	56188	1.156	ppbv		98
4) Chloromethane	3.930	50	31037	1.178	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.019	85	127292	1.161	ppbv	#	81
6) Vinyl Chloride	4.116	62	40504	1.199	ppbv		93
7) 1,3-Butadiene	4.230	54	28703	1.207	ppbv		93
8) Bromomethane	4.457	94	50209	1.161	ppbv	#	86
9) Chloroethane	4.587	64	19319	1.137	ppbv		98
11) Ethanol	4.692	45	16336	1.155	ppbv	#	38
12) Acetone	5.049	43	69943	1.115	ppbv	#	78
13) Trichlorofluoromethane	5.147	101	150284	1.160	ppbv		94
14) Isopropylalcohol	5.228	45	77590	1.142	ppbv	#	93
15) Acrylonitrile	5.349	53	30522	1.137	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	75597	1.158	ppbv	#	73
17) Methylene Chloride	5.658	49	50817	1.135	ppbv	#	67
20) Carbon Disulfide	5.878	76	136324	1.172	ppbv		95
21) Trichlorotrifluoroethane	5.830	101	112152	1.159	ppbv		95
22) Trans-1,2-Dichloroethene	6.267	61	19888	1.110	ppbv	#	82
23) 1,1-Dichloroethane	6.402	63	25513	1.109	ppbv		98
24) Methyl tert-butyl ethe...	6.460	73	40531	1.142	ppbv	#	89
25) Methyl Ethyl Ketone	6.658	43	29875	1.121	ppbv	#	92
26) Cis-1,2-Dichloroethene	6.918	61	20513	1.182	ppbv		90
27) Hexane	7.034	57	20440	1.090	ppbv		95
28) Chloroform	7.104	83	32758	1.108	ppbv		95
29) Ethyl acetate	7.049	61	4241	0.997	ppbv	#	79
30) Tetrahydrofuran	7.375	42	15187	1.167	ppbv		99
31) 1,2-Dichloroethane	7.561	62	20249	1.077	ppbv	#	88
32) 1,1,1-Trichloroethane	7.716	97	35259	1.104	ppbv		95
33) Benzene	8.002	78	44640	1.127	ppbv		97
34) Carbon Tetrachloride	8.097	117	36506	1.078	ppbv		98
35) Cyclohexane	8.175	84	19341	1.159	ppbv		92
37) 1,2-dichloropropane	8.486	63	17253	1.014	ppbv	#	85
38) Bromodichloromethane	8.598	83	35595	0.924	ppbv		97
39) Trichloroethene	8.624	130	25480	0.894	ppbv	#	87
40) 2,2,4-trimethylpentane	8.624	57	70115	1.001	ppbv		96
41) 1,4-Dioxane	8.633	88	10487	1.137	ppbv	#	78
43) Heptane	8.763	43	26041	1.023	ppbv		96
44) cis-1,3-Dichloropropene	9.107	75	27223	0.972	ppbv		97
45) 4-Methyl-2-pentanone(M...	9.128	43	41775	1.066	ppbv	#	91
46) trans-1,3-Dichloropropene	9.403	75	22452	1.043	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	21009	1.032	ppbv		95
48) Toluene	9.677	91	58339	1.015	ppbv	#	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_16.D
Acq On : 18 Mar 2025 3:11 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 16:10:03 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.923	129	40533	0.957	ppbv	98
50)	2-Hexanone(MBK)	9.804	43	38664	1.096	ppbv#	42
51)	1,2-Dibromoethane(EDB)	10.064	107	35767	1.032	ppbv	96
52)	Tetrachloroethene	10.318	166	32569	0.949	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.675	131	30165	1.113	ppbv#	91
55)	Chlorobenzene	10.697	112	50200	1.147	ppbv	88
56)	Ethylbenzene	10.887	91	72925	1.157	ppbv	85
57)	m,p-Xylene	10.978	91	115109	2.353	ppbv	100
58)	Bromoform	11.054	173	40213	1.176	ppbv	97
59)	Styrene	11.183	104	43832	1.189	ppbv#	70
60)	1,1,2,2-Tetrachloroethane	11.243	83	49863	1.138	ppbv	94
61)	o-Xylene	11.251	91	58991	1.097	ppbv#	86
64)	Isopropylbenzene	11.569	105	89652	1.208	ppbv#	93
65)	4-Ethyltoluene	11.941	105	87832	1.164	ppbv	91
66)	1,3,5-Trimethylbenzene	11.979	105	70899	1.164	ppbv#	91
67)	1,2,4-Trimethylbenzene	12.237	105	72476	0.996	ppbv#	87
68)	Benzyl chloride	12.328	91	53655	1.115	ppbv#	91
69)	1,3-Dichlorobenzene	12.351	146	60239	1.226	ppbv#	88
70)	1,4-Dichlorobenzene	12.389	146	57522	1.107	ppbv	100
71)	sec-Butylbenzene	12.397	105	116622	1.121	ppbv#	91
72)	4-Isopropyltoluene	12.488	119	110277	1.151	ppbv	100
73)	1,2-Dichlorobenzene	12.602	146	58306	1.276	ppbv#	89
74)	n-Butylbenzene	12.754	91	92897	1.196	ppbv	97
75)	1,2,4-Trichlorobenzene	13.756	180	52250	1.266	ppbv	95
76)	Naphthalene	13.847	128	123165	1.459	ppbv#	96
77)	Hexachlorobutadiene	14.090	225	40401	1.061	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.019	85	127143	1.087	ppbv#	81
80]	Vinyl Chloride(sim)	4.119	62	43537	1.119	ppbv	98
81]	Bromomethane(sim)	4.457	94	50209	1.012	ppbv#	86
82]	Trichlorofluoromethane...	5.149	101	167551	1.114	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	20249	0.982	ppbv#	1
84]	1,1,1-Trichloroethane(...	7.719	97	40684	1.124	ppbv#	95
85]	Benzene(sim)	8.002	78	44640	1.019	ppbv	97
86]	Carbon Tetrachloride(sim)	8.091	117	41187	1.176	ppbv	100
87]	1,1-Dichloroethene(sim)	5.586	61	75597	1.138	ppbv#	73
88]	Trichlorotrifluoroetha...	5.833	101	123798	1.190	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.267	61	19888	1.003	ppbv#	82
90]	1,1-Dichloroethane(sim)	6.400	63	29856	1.078	ppbv	98
91]	Cis-1,2-Dichloroethene...	6.918	61	20513	1.020	ppbv	90
92]	Chloroform(sim)	7.107	83	38454	1.111	ppbv	98
94]	1,2-dichloropropane(sim)	8.480	63	20464	1.060	ppbv	87
95]	Bromodichloromethane(sim)	8.598	83	35595	1.049	ppbv	98
96]	Trichloroethene(sim)	8.619	130	29602	1.139	ppbv	88
97]	1,4-Dioxane(sim)	8.633	88	10487	1.066	ppbv#	78
98]	cis-1,3-Dichloropropen...	9.110	75	32174	1.124	ppbv	97
99]	1,1,2-Trichloroethane(...	9.515	97	20901	1.045	ppbv	95
100]	Dibromochloromethane(sim)	9.926	129	46431	1.144	ppbv	100
101]	1,2-Dibromoethane(EDB)...	10.064	107	35767	1.058	ppbv	96
102]	Tetrachloroethene(sim)	10.314	166	38208	1.101	ppbv	98
104]	Bromoform(sim)	11.057	173	46210	1.173	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	115109	2.197	ppbv#	90
106]	1,1,2,2-Tetrachloroeth...	11.246	83	55697	1.138	ppbv	100
107]	Benzyl chloride(sim)	12.328	91	53655	1.173	ppbv	91
108]	1,3-Dichlorobenzene(sim)	12.347	146	71000	1.201	ppbv#	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	57522	1.103	ppbv	88

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_16.D
Acq On : 18 Mar 2025 3:11 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 16:10:03 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

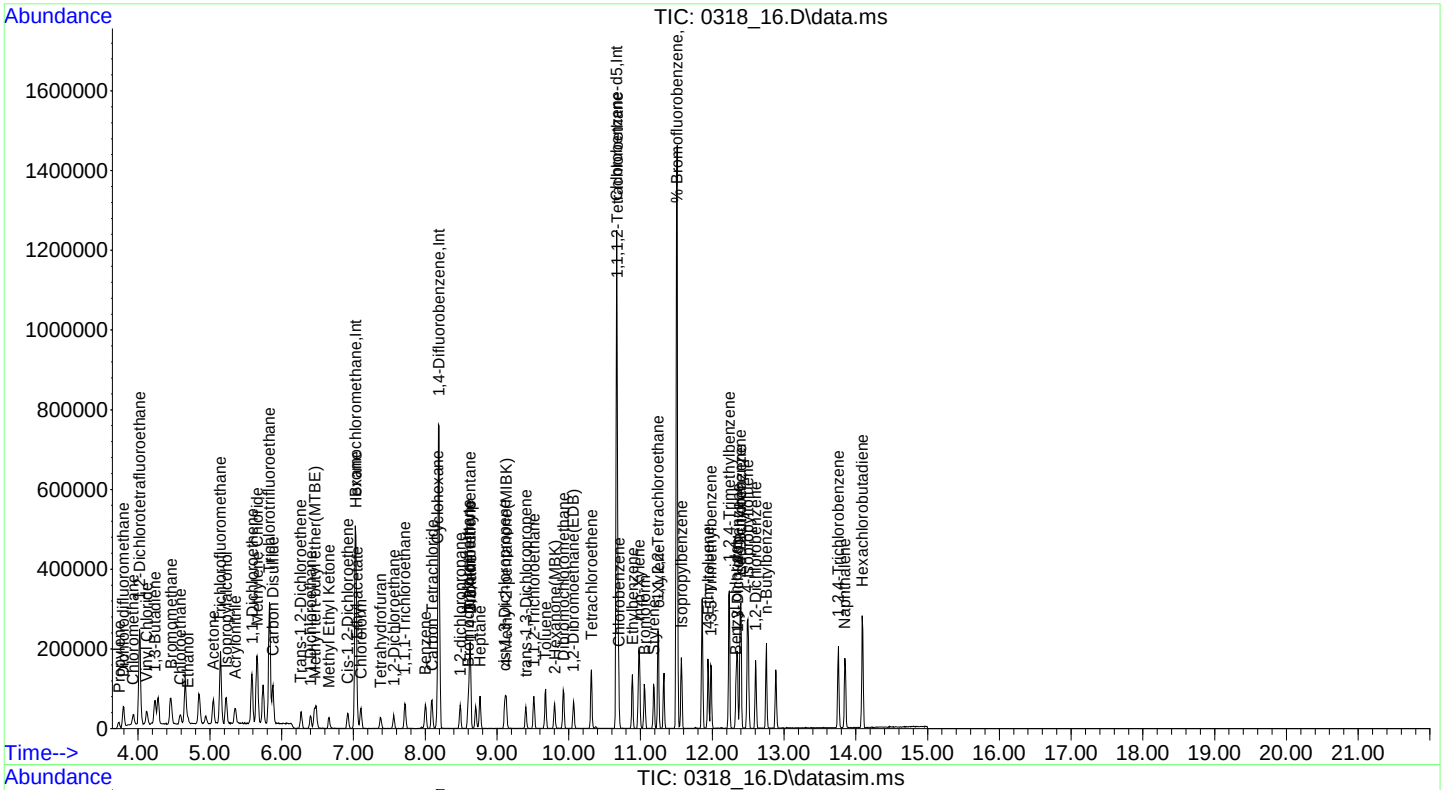
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	134088	1.153	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	110277	1.164	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	67592	1.198	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	92897	1.166	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	62897	1.247	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	49530	1.072	ppbv	99

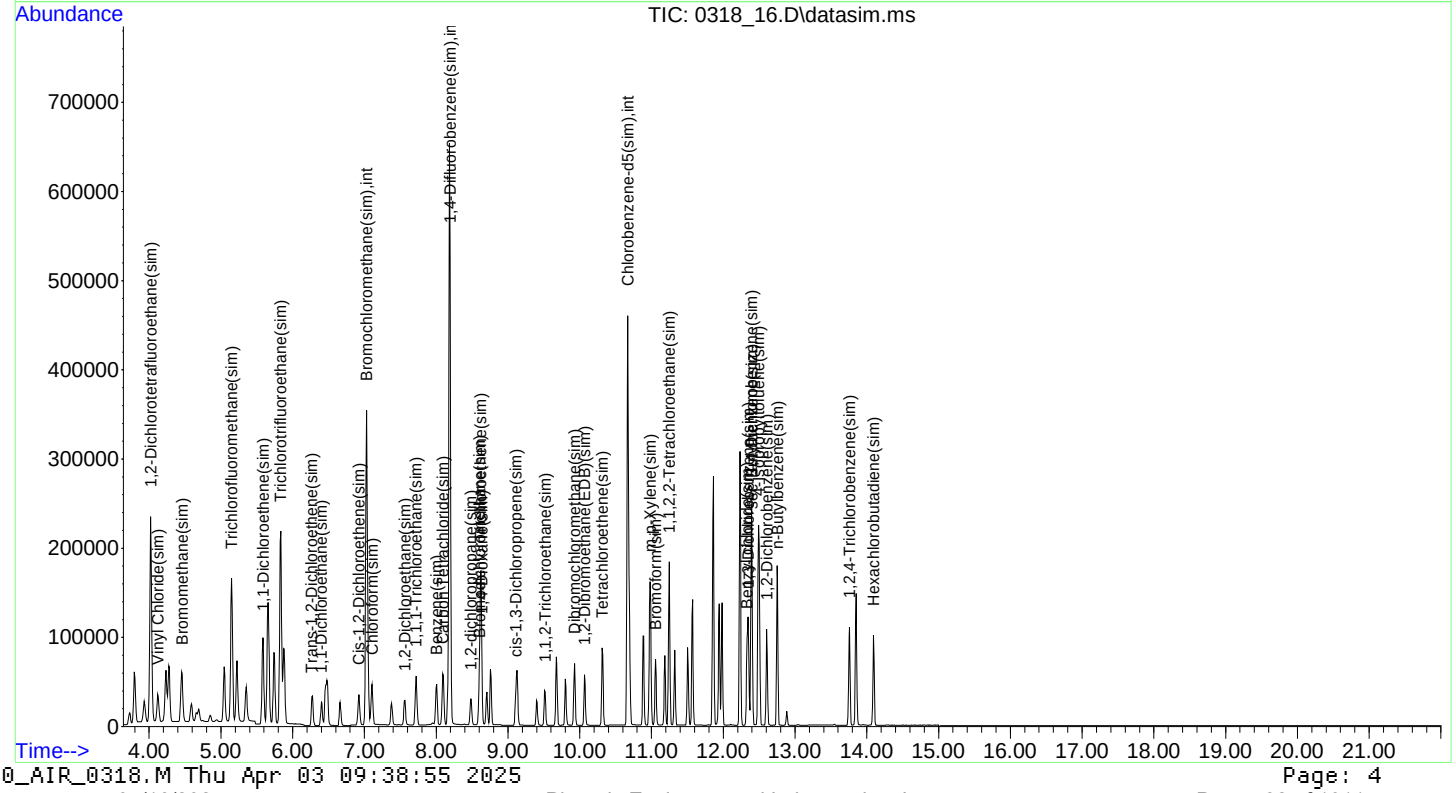
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_16.D
Acq On : 18 Mar 2025 3:11 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 16:10:03 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_17.D
Acq On : 18 Mar 2025 3:44 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 16:09:39 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	158812	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	526055	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	286827	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	176615	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	526055	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	286827	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	318601	10.091	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.90%				
Target Compounds							Qvalue
2) Propylene	3.727	41	87819	9.759	ppbv		90
3) Dichlorodifluoromethane	3.792	85	472058	9.632	ppbv		98
4) Chloromethane	3.930	50	259761	9.775	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.019	85	1079403	9.763	ppbv	#	80
6) Vinyl Chloride	4.116	62	326117	9.574	ppbv		96
7) 1,3-Butadiene	4.230	54	225217	9.390	ppbv		95
8) Bromomethane	4.449	94	415637	9.532	ppbv	#	87
9) Chloroethane	4.587	64	161037	9.400	ppbv		94
11) Ethanol	4.676	45	133070	9.328	ppbv	#	41
12) Acetone	5.033	43	573778	9.067	ppbv	#	79
13) Trichlorofluoromethane	5.147	101	1255663	9.607	ppbv	#	94
14) Isopropylalcohol	5.203	45	644742	9.412	ppbv	#	94
15) Acrylonitrile	5.349	53	252304	9.322	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	622281	9.455	ppbv	#	72
17) Methylene Chloride	5.664	49	391609	8.676	ppbv	#	67
20) Carbon Disulfide	5.878	76	1100365	9.383	ppbv		96
21) Trichlorotrifluoroethane	5.831	101	917207	9.399	ppbv		95
22) Trans-1,2-Dichloroethene	6.272	61	177601	9.825	ppbv	#	83
23) 1,1-Dichloroethane	6.402	63	223004	9.612	ppbv		96
24) Methyl tert-butyl ethe...	6.439	73	343697	9.604	ppbv	#	89
25) Methyl Ethyl Ketone	6.642	43	256480	9.543	ppbv	#	92
26) Cis-1,2-Dichloroethene	6.918	61	171359	9.792	ppbv	#	85
27) Hexane	7.034	57	183436	9.702	ppbv		99
28) Chloroform	7.104	83	293610	9.851	ppbv		96
29) Ethyl acetate	7.034	61	43940	10.244	ppbv		85
30) Tetrahydrofuran	7.360	42	130024	9.911	ppbv		99
31) 1,2-Dichloroethane	7.561	62	185862	9.806	ppbv	#	89
32) 1,1,1-Trichloroethane	7.716	97	312094	9.689	ppbv		97
33) Benzene	8.002	78	395980	9.909	ppbv		95
34) Carbon Tetrachloride	8.097	117	346203	10.139	ppbv		98
35) Cyclohexane	8.175	84	159821	9.500	ppbv	#	82
37) 1,2-dichloropropane	8.486	63	159200	9.802	ppbv		87
38) Bromodichloromethane	8.599	83	357936	9.731	ppbv		96
39) Trichloroethene	8.625	130	256499	9.429	ppbv	#	81
40) 2,2,4-trimethylpentane	8.625	57	618627	9.251	ppbv		97
41) 1,4-Dioxane	8.616	88	100963	9.730	ppbv	#	78
43) Heptane	8.763	43	227713	9.371	ppbv	#	97
44) cis-1,3-Dichloropropene	9.107	75	263973	9.866	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.121	43	365405	9.764	ppbv		92
46) trans-1,3-Dichloropropene	9.403	75	204581	9.950	ppbv		97
47) 1,1,2-Trichloroethane	9.515	97	190772	9.812	ppbv		97
48) Toluene	9.677	91	530359	9.663	ppbv	#	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_17.D
Acq On : 18 Mar 2025 3:44 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 16:09:39 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.924	129	408080	10.094	ppbv	99
50) 2-Hexanone(MBK)	9.797	43	342456	10.169	ppbv#	43
51) 1,2-Dibromoethane(EDB)	10.064	107	324710	9.809	ppbv	98
52) Tetrachloroethene	10.318	166	317284	9.686	ppbv	93
54) 1,1,1,2-Tetrachloroethane	10.682	131	295948	9.884	ppbv#	91
55) Chlorobenzene	10.690	112	468360	9.683	ppbv#	81
56) Ethylbenzene	10.887	91	690898	9.924	ppbv	84
57) m,p-Xylene	10.986	91	1089264	20.152	ppbv	100
58) Bromoform	11.054	173	372857	9.872	ppbv	96
59) Styrene	11.183	104	405931	9.964	ppbv#	73
60) 1,1,2,2-Tetrachloroethane	11.243	83	468181	9.675	ppbv	96
61) o-Xylene	11.251	91	577891	9.726	ppbv#	86
64) Isopropylbenzene	11.569	105	795316	9.701	ppbv#	93
65) 4-Ethyltoluene	11.941	105	826595	9.920	ppbv	91
66) 1,3,5-Trimethylbenzene	11.987	105	649332	9.650	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.237	105	805863	10.024	ppbv	91
68) Benzyl chloride	12.329	91	578424	10.880	ppbv#	89
69) 1,3-Dichlorobenzene	12.351	146	519893	9.579	ppbv#	89
70) 1,4-Dichlorobenzene	12.389	146	555793	9.681	ppbv	100
71) sec-Butylbenzene	12.397	105	1105238	9.621	ppbv#	92
72) 4-Isopropyltoluene	12.488	119	1025592	9.691	ppbv	100
73) 1,2-Dichlorobenzene	12.602	146	481316	9.537	ppbv#	89
74) n-Butylbenzene	12.754	91	840076	9.793	ppbv	97
75) 1,2,4-Trichlorobenzene	13.756	180	453288	9.943	ppbv	97
76) Naphthalene	13.848	128	927456	9.945	ppbv#	96
77) Hexachlorobutadiene	14.091	225	402165	9.563	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.019	85	1078121	9.077	ppbv#	80
80] Vinyl Chloride(sim)	4.119	62	360384	9.118	ppbv	98
81] Bromomethane(sim)	4.449	94	415637	8.245	ppbv#	87
82] Trichlorofluoromethane...	5.150	101	1395706	9.135	ppbv#	96
83] 1,2-Dichloroethane(sim)	7.561	62	185862	8.873	ppbv#	10
84] 1,1,1-Trichloroethane(...	7.719	97	368559	10.023	ppbv#	94
85] Benzene(sim)	8.002	78	395980	8.897	ppbv	95
86] Carbon Tetrachloride(sim)	8.091	117	394317	11.080	ppbv	99
87] 1,1-Dichloroethene(sim)	5.586	61	622281	9.224	ppbv#	72
88] Trichlorotrifluoroetha...	5.833	101	1008225	9.542	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.272	61	177601	8.817	ppbv#	83
90] 1,1-Dichloroethane(sim)	6.400	63	256713	9.121	ppbv	98
91] Cis-1,2-Dichloroethene...	6.918	61	171359	8.390	ppbv#	85
92] Chloroform(sim)	7.107	83	336710	9.577	ppbv	97
94] 1,2-dichloropropane(sim)	8.480	63	183431	9.953	ppbv	87
95] Bromodichloromethane(sim)	8.599	83	357936	11.045	ppbv	97
96] Trichloroethene(sim)	8.627	130	281760	11.357	ppbv#	88
97] 1,4-Dioxane(sim)	8.616	88	100963	9.368	ppbv#	78
98] cis-1,3-Dichloropropen...	9.110	75	304931	11.161	ppbv	96
99] 1,1,2-Trichloroethane(...	9.515	97	190772	9.987	ppbv	97
100] Dibromochloromethane(sim)	9.927	129	455746	11.763	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.064	107	324710	10.061	ppbv	98
102] Tetrachloroethene(sim)	10.314	166	354946	10.716	ppbv	96
104] Bromoform(sim)	11.057	173	424597	9.756	ppbv	98
105] m,p-Xylene(sim)	10.986	91	1091852	18.861	ppbv#	89
106] 1,1,2,2-Tetrachloroeth...	11.246	83	531683	9.835	ppbv	100
107] Benzyl chloride(sim)	12.329	91	578424	11.445	ppbv	89
108] 1,3-Dichlorobenzene(sim)	12.347	146	622968	9.543	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.389	146	555793	9.648	ppbv	88

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_17.D
Acq On : 18 Mar 2025 3:44 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 16:09:39 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

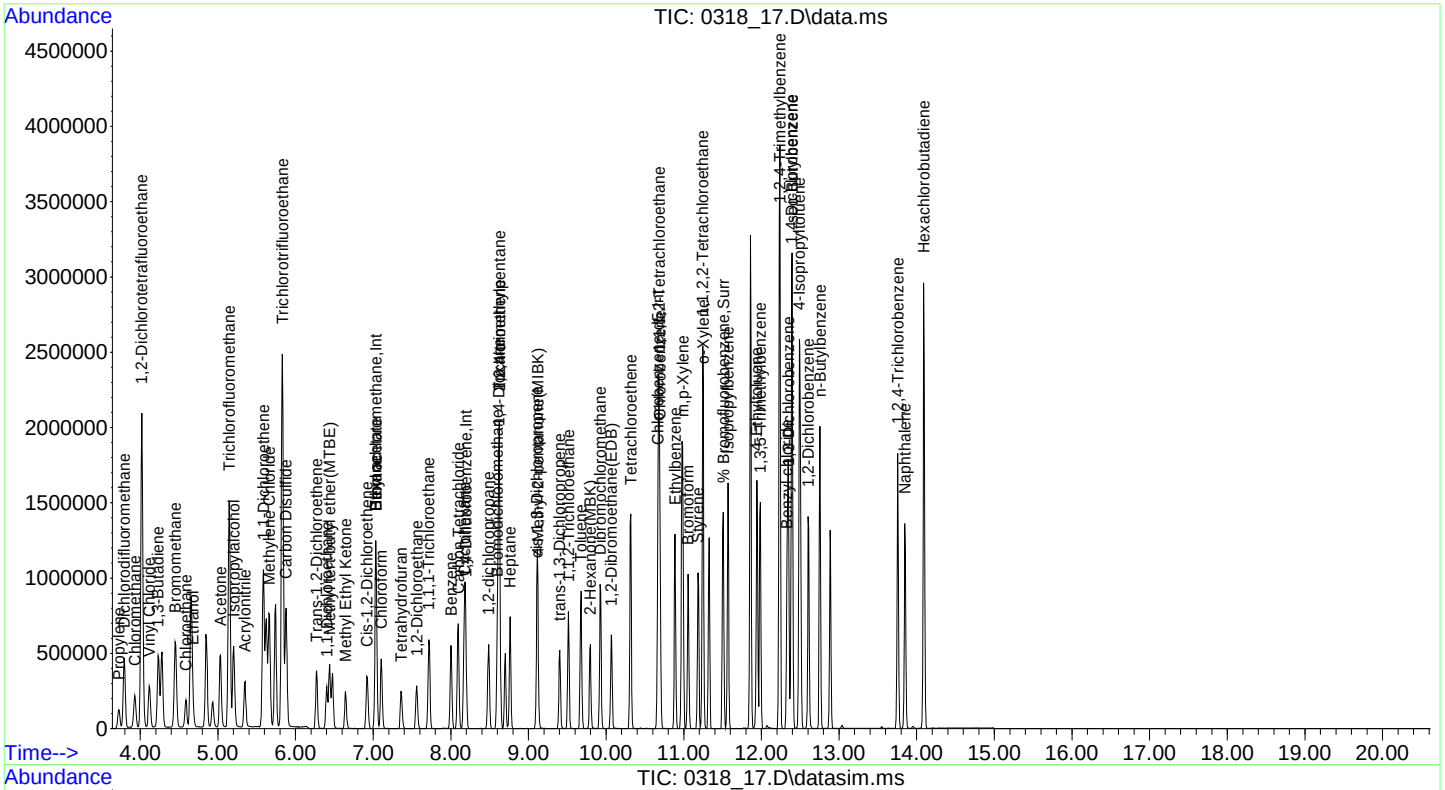
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	1246054	9.702	ppbv	93
111] 4-Isopropyltoluene(sim)	12.488	119	1025592	9.798	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	568908	9.127	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	840076	9.545	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	533402	9.575	ppbv	98
116] Hexachlorobutadiene(sim)	14.093	225	488948	9.579	ppbv	99

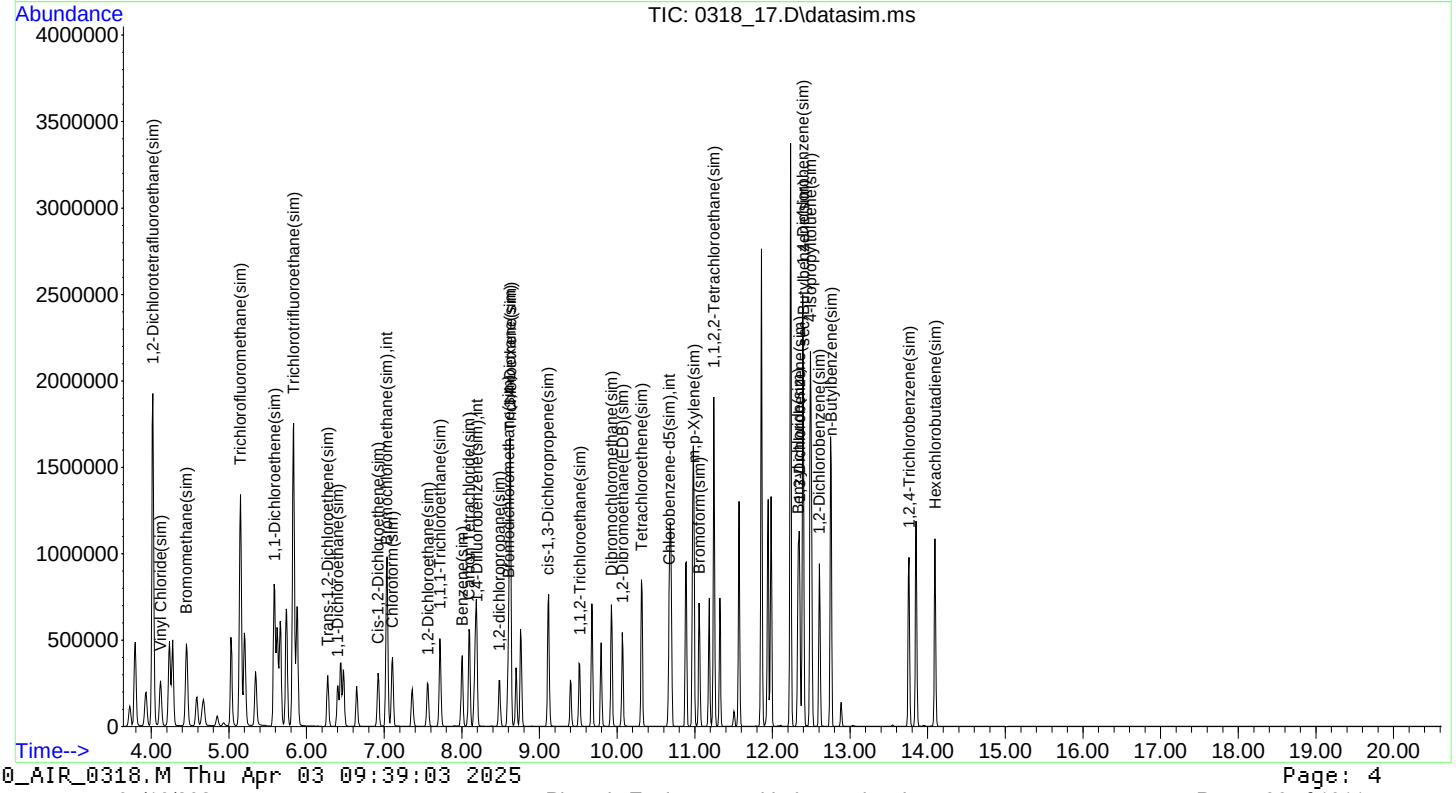
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_17.D
Acq On : 18 Mar 2025 3:44 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 16:09:39 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM20_0318

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		9.470	95	70	130
Dichlorodifluoromethane	10		9.986	100	70	130
Chloromethane	10		9.884	99	70	130
1,2-Dichlorotetrafluoroethane	10		9.648	96	70	130
Vinyl Chloride	10		9.442	94	70	130
1,3-Butadiene	10		9.609	96	70	130
Bromomethane	10		9.253	93	70	130
Chloroethane	10		9.356	94	70	130
Ethanol	10		5.808	58 *	70	130
Acetone	10		9.048	90	70	130
Trichlorofluoromethane	10		9.515	95	70	130
Isopropylalcohol	10		8.732	87	70	130
Acrylonitrile	10		8.454	85	70	130
1,1-Dichloroethene	10		9.538	95	70	130
Methylene Chloride	10		8.590	86	70	130
Carbon Disulfide	10		9.377	94	70	130
Trichlorotrifluoroethane	10		9.504	95	70	130
Trans-1,2-Dichloroethene	10		9.704	97	70	130
1,1-Dichloroethane	10		9.565	96	70	130
Methyl tert-butyl ether(MTBE)	10		9.454	95	70	130
Methyl Ethyl Ketone	10		9.732	97	70	130
Cis-1,2-Dichloroethene	10		9.795	98	70	130
Hexane	10		9.764	98	70	130
Chloroform	10		9.817	98	70	130
Ethyl acetate	10		12.58	126	70	130
Tetrahydrofuran	10		9.955	100	70	130
1,2-Dichloroethane	10		9.686	97	70	130
1,1,1-Trichloroethane	10		9.687	97	70	130
Benzene	10		9.740	97	70	130
Carbon Tetrachloride	10		10.09	101	70	130
Cyclohexane	10		9.208	92	70	130
1,2-dichloropropane	10		9.695	97	70	130
Bromodichloromethane	10		9.897	99	70	130
Trichloroethene	10		9.338	93	70	130
2,2,4-trimethylpentane	10		8.989	90	70	130
1,4-Dioxane	10		9.193	92	70	130
Heptane	10		9.506	95	70	130
cis-1,3-Dichloropropene	10		9.689	97	70	130
4-Methyl-2-pentanone(MIBK)	10		9.292	93	70	130
trans-1,3-Dichloropropene	10		9.777	98	70	130
1,1,2-Trichloroethane	10		9.617	96	70	130
Toluene	10		9.694	97	70	130
Dibromochloromethane	10		10.32	103	70	130
2-Hexanone(MBK)	10		9.370	94	70	130

FORM III AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM20_0318

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		9.657	97	70	130
Tetrachloroethene	10		9.617	96	70	130
1,1,1,2-Tetrachloroethane	10		9.380	94	70	130
Chlorobenzene	10		9.568	96	70	130
Ethylbenzene	10		9.697	97	70	130
m,p-Xylene	20		19.31	97	70	130
Bromoform	10		10.38	104	70	130
Styrene	10		9.706	97	70	130
1,1,2,2-Tetrachloroethane	10		9.320	93	70	130
o-Xylene	10		9.404	94	70	130
Isopropylbenzene	10		9.047	90	70	130
4-Ethyltoluene	10		9.397	94	70	130
1,3,5-Trimethylbenzene	10		9.330	93	70	130
1,2,4-Trimethylbenzene	10		9.422	94	70	130
Benzyl chloride	10		9.678	97	70	130
1,3-Dichlorobenzene	10		9.087	91	70	130
1,4-Dichlorobenzene	10		9.147	91	70	130
sec-Butylbenzene	10		8.622	86	70	130
4-Isopropyltoluene	10		8.559	86	70	130
1,2-Dichlorobenzene	10		8.939	89	70	130
n-Butylbenzene	10		8.470	85	70	130
1,2,4-Trichlorobenzene	10		5.959	60 *	70	130
Naphthalene	10		6.148	61 *	70	130
Hexachlorobutadiene	10		5.907	59 *	70	130

FORM III AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_18.D
Acq On : 18 Mar 2025 4:19 pm
Operator :
Client ID : ICV_CHEM20_0318
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 18 18:40:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:14:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	162750	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	536570	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	298179	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	182819	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	536570	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	298424	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	320359	9.761	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.60%				
Target Compounds							Qvalue
2) Propylene	3.727	41	87337	9.470	ppbv		94
3) Dichlorodifluoromethane	3.792	85	501536	9.986	ppbv		99
4) Chloromethane	3.930	50	269184	9.884	ppbv		94
5) 1,2-Dichlorotetrafluor...	4.019	85	1093145	9.648	ppbv#		79
6) Vinyl Chloride	4.125	62	329608	9.442	ppbv		96
7) 1,3-Butadiene	4.238	54	236200	9.609	ppbv		95
8) Bromomethane	4.457	94	413444	9.252	ppbv#		87
9) Chloroethane	4.587	64	164250	9.356	ppbv		94
11) Ethanol	4.676	45	84911	5.808	ppbv#		43
12) Acetone	5.033	43	586764	9.048	ppbv#		78
13) Trichlorofluoromethane	5.147	101	1274476	9.515	ppbv#		95
14) Isopropylalcohol	5.204	45	612992	8.732	ppbv#		94
15) Acrylonitrile	5.350	53	234489	8.454	ppbv#		1
16) 1,1-Dichloroethene	5.587	61	643336	9.538	ppbv#		73
17) Methylene Chloride	5.664	49	397370	8.590	ppbv#		65
20) Carbon Disulfide	5.878	76	1126880	9.377	ppbv		96
21) Trichlorotrifluoroethane	5.831	101	950437	9.504	ppbv		95
22) Trans-1,2-Dichloroethene	6.272	61	179771	9.704	ppbv#		83
23) 1,1-Dichloroethane	6.403	63	227416	9.565	ppbv		95
24) Methyl tert-butyl ethe...	6.439	73	346731	9.454	ppbv#		89
25) Methyl Ethyl Ketone	6.643	43	268066	9.732	ppbv#		93
26) Cis-1,2-Dichloroethene	6.926	61	175660	9.795	ppbv#		85
27) Hexane	7.042	57	189200	9.764	ppbv		98
28) Chloroform	7.104	83	299833	9.817	ppbv		97
29) Ethyl acetate	7.034	61	55289	12.578	ppbv		85
30) Tetrahydrofuran	7.360	42	133847	9.955	ppbv		99
31) 1,2-Dichloroethane	7.561	62	188154	9.686	ppbv#		89
32) 1,1,1-Trichloroethane	7.716	97	319750	9.687	ppbv		97
33) Benzene	8.002	78	398871	9.740	ppbv		95
34) Carbon Tetrachloride	8.097	117	353055	10.089	ppbv		97
35) Cyclohexane	8.175	84	158748	9.208	ppbv#		84
37) 1,2-dichloropropane	8.486	63	160615	9.695	ppbv		88
38) Bromodichloromethane	8.599	83	371302	9.897	ppbv		97
39) Trichloroethene	8.625	130	259107	9.338	ppbv#		82
40) 2,2,4-trimethylpentane	8.625	57	613088	8.989	ppbv		97
41) 1,4-Dioxane	8.616	88	96378	9.193	ppbv#		79
43) Heptane	8.763	43	235617	9.506	ppbv#		99
44) cis-1,3-Dichloropropene	9.107	75	264419	9.689	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.121	43	354673	9.292	ppbv		93
46) trans-1,3-Dichloropropene	9.403	75	205047	9.777	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	190711	9.617	ppbv		99
48) Toluene	9.677	91	542686	9.694	ppbv#		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_18.D
Acq On : 18 Mar 2025 4:19 pm
Operator :
Client ID : ICV_CHEM20_0318
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 18 18:40:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:14:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.924	129	425354	10.315	ppbv	99
50) 2-Hexanone(MBK)	9.797	43	321834	9.370	ppbv#	43
51) 1,2-Dibromoethane(EDB)	10.072	107	326053	9.657	ppbv	97
52) Tetrachloroethene	10.318	166	321330	9.617	ppbv	93
54) 1,1,1,2-Tetrachloroethane	10.682	131	291985	9.380	ppbv#	92
55) Chlorobenzene	10.690	112	481081	9.568	ppbv#	79
56) Ethylbenzene	10.887	91	701843	9.697	ppbv	85
57) m,p-Xylene	10.978	91	1084880	19.307	ppbv	100
58) Bromoform	11.054	173	407379	10.376	ppbv	96
59) Styrene	11.183	104	411062	9.706	ppbv#	74
60) 1,1,2,2-Tetrachloroethane	11.243	83	468857	9.320	ppbv	96
61) o-Xylene	11.251	91	580891	9.404	ppbv#	86
64) Isopropylbenzene	11.569	105	771029	9.047	ppbv#	93
65) 4-Ethyltoluene	11.941	105	814035	9.397	ppbv	91
66) 1,3,5-Trimethylbenzene	11.987	105	652647	9.330	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.238	105	787379	9.422	ppbv	90
68) Benzyl chloride	12.336	91	534887	9.678	ppbv#	90
69) 1,3-Dichlorobenzene	12.351	146	512703	9.087	ppbv#	89
70) 1,4-Dichlorobenzene	12.389	146	545915	9.147	ppbv	100
71) sec-Butylbenzene	12.397	105	1029669	8.622	ppbv#	92
72) 4-Isopropyltoluene	12.488	119	941639	8.559	ppbv	100
73) 1,2-Dichlorobenzene	12.610	146	469024	8.939	ppbv#	90
74) n-Butylbenzene	12.754	91	755314	8.470	ppbv	97
75) 1,2,4-Trichlorobenzene	13.756	180	282407	5.959	ppbv	95
76) Naphthalene	13.848	128	596096	6.148	ppbv#	95
77) Hexachlorobutadiene	14.091	225	258241	5.907	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.019	85	1091444	8.877	ppbv#	79
80] Vinyl Chloride(sim)	4.119	62	366022	8.946	ppbv	98
81] Bromomethane(sim)	4.457	94	413444	7.923	ppbv#	88
82] Trichlorofluoromethane...	5.150	101	1420068	8.979	ppbv#	96
83] 1,2-Dichloroethane(sim)	7.561	62	188154	8.677	ppbv#	9
84] 1,1,1-Trichloroethane(...	7.719	97	377941	9.930	ppbv#	94
85] Benzene(sim)	8.002	78	398871	8.658	ppbv	95
86] Carbon Tetrachloride(sim)	8.100	117	405177	10.999	ppbv	99
87] 1,1-Dichloroethene(sim)	5.587	61	643336	9.212	ppbv#	73
88] Trichlorotrifluoroetha...	5.834	101	1040454	9.513	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.272	61	179771	8.622	ppbv#	83
90] 1,1-Dichloroethane(sim)	6.406	63	263992	9.061	ppbv	98
91] Cis-1,2-Dichloroethene...	6.926	61	175660	8.309	ppbv#	85
92] Chloroform(sim)	7.107	83	343545	9.440	ppbv	97
94] 1,2-dichloropropane(sim)	8.489	63	184940	9.838	ppbv	87
95] Bromodichloromethane(sim)	8.599	83	371302	11.233	ppbv	97
96] Trichloroethene(sim)	8.628	130	288983	11.420	ppbv#	88
97] 1,4-Dioxane(sim)	8.616	88	96378	8.840	ppbv#	79
98] cis-1,3-Dichloropropen...	9.110	75	310307	11.136	ppbv	96
99] 1,1,2-Trichloroethane(...	9.515	97	190711	9.788	ppbv	99
100] Dibromochloromethane(sim)	9.927	129	473763	11.988	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.072	107	326053	9.905	ppbv	97
102] Tetrachloroethene(sim)	10.314	166	360697	10.676	ppbv	97
104] Bromoform(sim)	11.057	173	462948	10.224	ppbv	98
105] m,p-Xylene(sim)	10.978	91	1084880	18.012	ppbv#	88
106] 1,1,2,2-Tetrachloroeth...	11.246	83	530092	9.424	ppbv	100
107] Benzyl chloride(sim)	12.336	91	534887	10.172	ppbv	90
108] 1,3-Dichlorobenzene(sim)	12.347	146	609152	8.968	ppbv#	93
109] 1,4-Dichlorobenzene(sim)	12.389	146	545915	9.109	ppbv	88

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_18.D
Acq On : 18 Mar 2025 4:19 pm
Operator :
Client ID : ICV_CHEM20_0318
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 18 18:40:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:14:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.400	105	1174902	8.793	ppbv	93
111] 4-Isopropyltoluene(sim)	12.488	119	941639	8.647	ppbv#	81
112] 1,2-Dichlorobenzene(sim)	12.605	146	550977	8.496	ppbv	93
113] n-Butylbenzene(sim)	12.754	91	755314	8.248	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.759	180	335284	5.785	ppbv	99
116] Hexachlorobutadiene(sim)	14.094	225	317646	5.981	ppbv	99

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_18.D
Acq On : 18 Mar 2025 4:19 pm
Operator :
Client ID : ICV_CHEM20_0318
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 18 18:40:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
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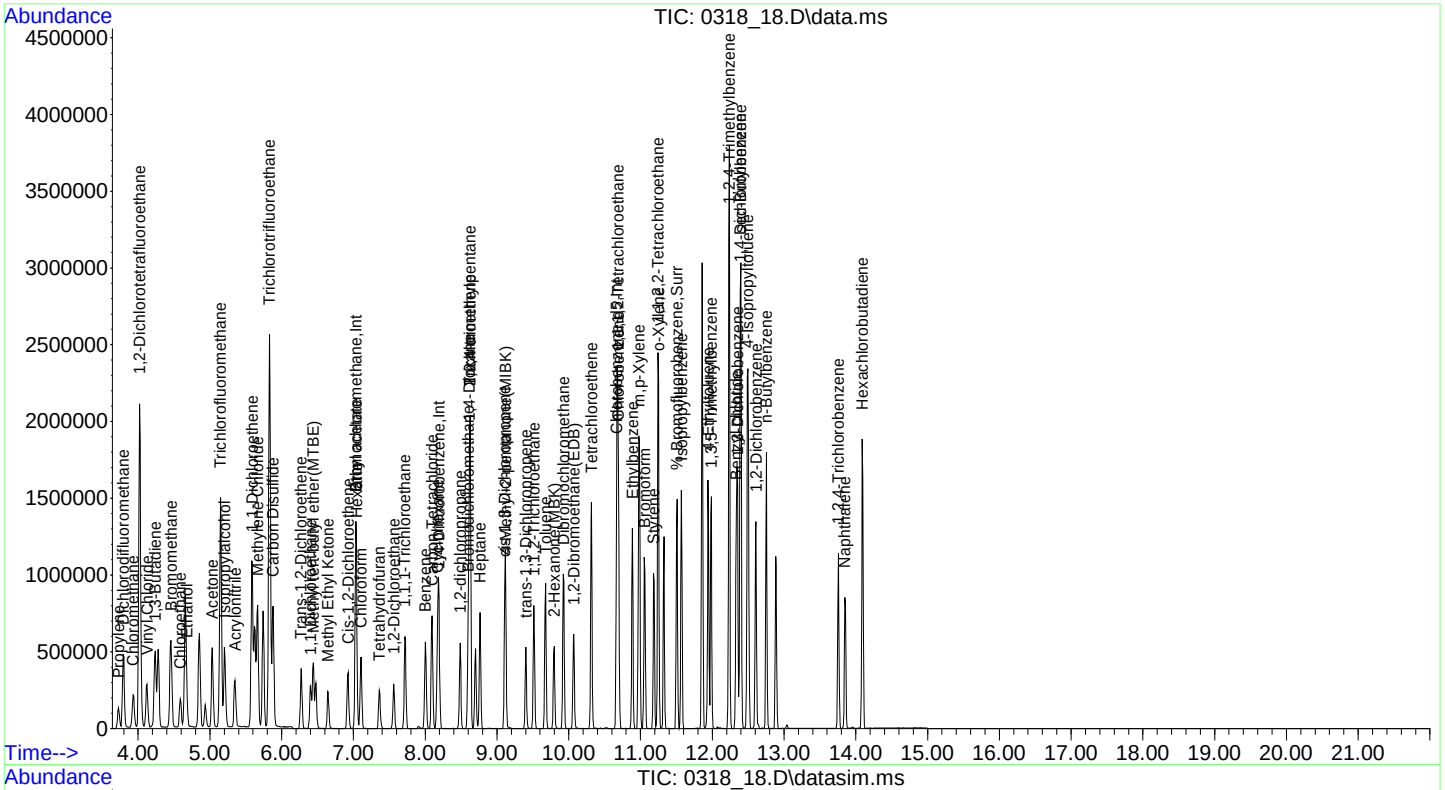
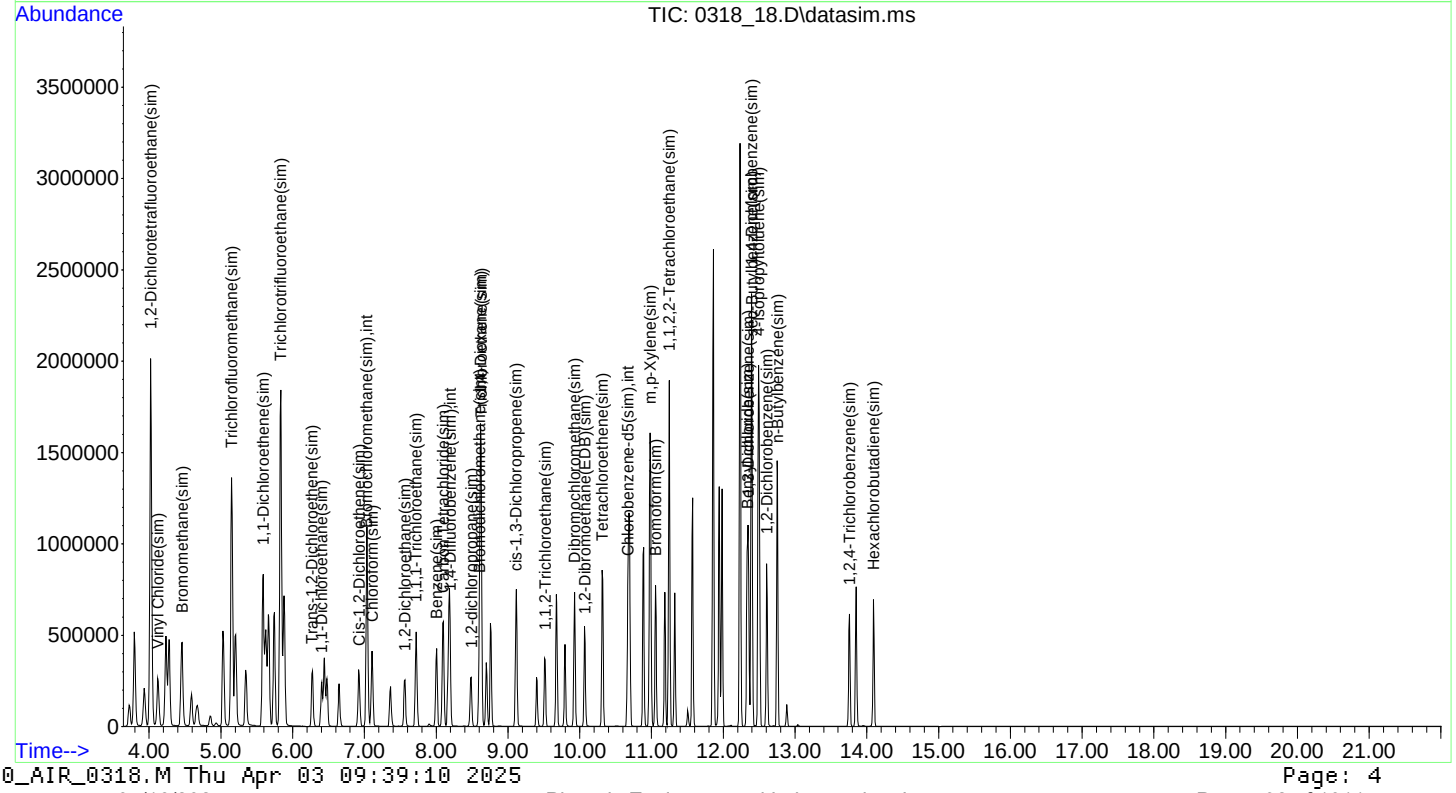




6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM24 | Calibration Date From: 03/19/25 13:32

Heated Purge (Y/N): Y | Calibration Date Thru: 03/19/25 17:54

GC Column: | Method File: 24_AIR_0319.M

Laboratory File Ids

RRF1 0319_03.D RRF2 0319_04.D RRF3 0319_05.D RRF4 0319_06.D RRF5 0319_07.D RRF6 0319_08.D
RRF7 0319_09.D RRF8 0319_14.D RRF9 0319_10.D RRF10 0319_11.D RRF11 0319_15.D RRF12 0319_12.D
RRF13 0319_13.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	_ RRF	% RSD
Propylene						1.477	1.115	1.046	1.124	1.057	1.036	1.071	1.096	1.128	12.82
Dichlorodifluoromethane						3.432	3.348	3.037	3.198	3.175	3.304	3.158	3.071	3.215	4.24
Chloromethane						1.781	1.584	1.372	1.418	1.394	1.351	1.327	1.345	1.446	10.89
1,2-Dichlorotetrafluoroethane						3.187	3.002	2.917	2.907	2.852	2.883	2.762	2.842	2.919	4.39
Vinyl Chloride						1.509	1.378	1.265	1.264	1.234	1.226	1.218	1.237	1.291	7.87
1,3-Butadiene						1.264	1.150	1.038	1.045	1.046	1.031	1.029	1.046	1.081	7.72
Bromomethane						1.444	1.224	1.173	1.093	1.060	1.076	1.045	1.083	1.150	11.60
Chloroethane						0.561	0.534	0.539	0.516	0.495	0.501	0.496	0.510	0.519	4.57
Ethanol						0.944	0.707	0.592	0.572	0.598	0.560	0.568	0.541	0.635	21.16
Acetone						2.482	2.178	1.898	2.033	1.939	1.943	1.982	1.994	2.056	9.32
Trichlorofluoromethane						3.674	3.383	3.195	3.187	3.178	3.208	3.123	3.363	3.289	5.49
Isopropylalcohol						2.714	2.474	2.574	2.596	2.577	2.541	2.510	2.336	2.540	4.28
Acrylonitrile						1.250	1.070	0.963	0.978	0.956	0.985	1.000	1.015	1.027	9.43
1,1-Dichloroethene						2.256	2.062	1.944	1.993	2.000	1.998	2.012	2.035	2.037	4.65
Methylene Chloride						2.549	2.028	1.714	1.725	1.673	1.630	1.613	1.627	1.820	17.77
Carbon Disulfide						3.338	3.196	2.927	2.980	2.912	2.936	2.903	2.986	3.022	5.24
Trichlorotrifluoroethane						2.649	2.590	2.344	2.389	2.349	2.342	2.279	2.297	2.405	5.72
Trans-1,2-Dichloroethene						2.090	1.933	1.852	1.823	1.854	1.855	1.888	1.945	1.905	4.51
1,1-Dichloroethane						2.446	2.303	2.205	2.213	2.206	2.202	2.208	2.240	2.253	3.77
Methyl tert-butyl ether(MTBE)						2.733	2.493	2.620	2.545	2.516	2.699	2.745	2.823	2.647	4.58
Methyl Ethyl Ketone						2.859	2.771	2.609	2.680	2.522	2.632	2.757	2.801	2.704	4.17
Cis-1,2-Dichloroethene						1.938	1.795	1.717	1.761	1.731	1.746	1.786	1.834	1.788	3.99
Hexane						2.009	1.863	1.745	1.825	1.884	1.878	1.946	1.961	1.889	4.41
Chloroform						2.703	2.537	2.421	2.381	2.351	2.376	2.359	2.441	2.446	4.90

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM24 | Calibration Date From: 03/19/25 13:32

Heated Purge (Y/N): Y | Calibration Date Thru: 03/19/25 17:54

GC Column: | Method File: 24_AIR_0319.M

Laboratory File Ids

RRF1 0319_03.D RRF2 0319_04.D RRF3 0319_05.D RRF4 0319_06.D RRF5 0319_07.D RRF6 0319_08.D
RRF7 0319_09.D RRF8 0319_14.D RRF9 0319_10.D RRF10 0319_11.D RRF11 0319_15.D RRF12 0319_12.D
RRF13 0319_13.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	_ RRF	% RSD
Ethyl acetate						0.476	0.437	0.409	0.436	0.418	0.426	0.443	0.450	0.437	4.72
Tetrahydrofuran						1.362	1.269	1.174	1.244	1.262	1.315	1.358	1.384	1.296	5.54
1,2-Dichloroethane						1.984	1.856	1.758	1.751	1.737	1.771	1.790	1.834	1.810	4.49
1,1,1-Trichloroethane						2.821	2.672	2.524	2.506	2.476	2.537	2.508	2.645	2.586	4.55
Benzene					3.773	3.569	3.196	3.112	3.084	3.037	3.125	3.130	3.258	3.254	7.68
Carbon Tetrachloride						3.162	3.067	2.854	2.905	2.866	2.952	2.930	3.045	2.973	3.65
Cyclohexane						1.706	1.336	1.186	1.123	1.157	1.158	1.181	1.222	1.259	15.25
1,2-dichloropropane						0.483	0.460	0.413	0.430	0.418	0.422	0.425	0.433	0.435	5.46
Bromodichloromethane						0.852	0.804	0.734	0.765	0.742	0.756	0.764	0.777	0.774	4.91
Trichloroethene						0.497	0.513	0.474	0.484	0.461	0.469	0.454	0.453	0.476	4.44
2,2,4-trimethylpentane						1.880	1.804	1.735	1.811	1.783	1.762	1.768	1.708	1.781	2.93
1,4-Dioxane						0.162	0.163	0.213	0.195	0.205	0.209	0.202	0.196	0.193	10.30
Heptane						0.766	0.709	0.676	0.726	0.701	0.700	0.724	0.722	0.716	3.69
cis-1,3-Dichloropropene						0.613	0.574	0.560	0.574	0.571	0.585	0.611	0.605	0.587	3.46
4-Methyl-2-pentanone(MIBK)						0.946	0.916	0.878	0.897	0.927	0.904	0.955	0.919	0.918	2.76
trans-1,3-Dichloropropene						0.473	0.437	0.464	0.465	0.458	0.483	0.505	0.519	0.476	5.55
1,1,2-Trichloroethane						0.462	0.440	0.414	0.425	0.407	0.410	0.413	0.419	0.424	4.38
Toluene						1.142	1.110	1.086	1.111	1.096	1.134	1.147	1.164	1.124	2.41
Dibromochloromethane						0.961	0.950	0.909	0.914	0.889	0.923	0.927	0.952	0.928	2.65
2-Hexanone(MBK)						0.658	0.664	0.773	0.726	0.838	0.826	0.907	0.895	0.786	12.35
1,2-Dibromoethane(EDB)						0.768	0.720	0.706	0.704	0.682	0.698	0.715	0.726	0.715	3.57
Tetrachloroethene						0.815	0.785	0.755	0.747	0.724	0.753	0.738	0.753	0.759	3.77
1,1,1,2-Tetrachloroethane						1.381	1.369	1.283	1.261	1.170	1.169	1.057	0.988	1.210	11.63
Chlorobenzene						2.218	2.085	2.007	2.014	1.900	1.870	1.693	1.568	1.919	10.99

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM24 | Calibration Date From: 03/19/25 13:32

Heated Purge (Y/N): Y | Calibration Date Thru: 03/19/25 17:54

GC Column: | Method File: 24_AIR_0319.M

Laboratory File Ids

RRF1 0319_03.D RRF2 0319_04.D RRF3 0319_05.D RRF4 0319_06.D RRF5 0319_07.D RRF6 0319_08.D
RRF7 0319_09.D RRF8 0319_14.D RRF9 0319_10.D RRF10 0319_11.D RRF11 0319_15.D RRF12 0319_12.D
RRF13 0319_13.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	_ RRF	% RSD
Ethylbenzene					3.105	3.000	2.923	2.996	2.971	2.851	2.925	2.683	2.476	2.881	6.65
m,p-Xylene					2.309	2.282	2.331	1.877	2.387	2.269	2.256	2.088	1.928	2.192	8.37
Bromoform						2.252	2.248	2.165	2.180	2.087	2.111	1.965	1.840	2.106	6.76
Styrene						1.502	1.515	1.684	1.698	1.658	1.742	1.629	1.526	1.619	5.74
1,1,2,2-Tetrachloroethane						1.988	1.902	1.793	1.855	1.800	1.744	1.609	1.484	1.772	9.11
o-Xylene					2.496	2.398	2.312	2.376	2.473	2.328	2.333	2.122	1.979	2.313	7.16
Isopropylbenzene						3.654	3.666	3.531	3.636	3.350	3.388	3.069	2.843	3.392	8.84
4-Ethyltoluene						2.756	2.995	3.240	3.371	3.382	3.296	3.038	3.006	3.135	7.06
1,3,5-Trimethylbenzene						2.752	2.876	2.872	2.975	2.839	2.858	2.610	2.281	2.758	7.99
1,2,4-Trimethylbenzene						2.380	2.575	2.760	2.925	2.896	2.931	2.658	2.484	2.701	7.82
Benzyl chloride q						0.091	0.248	0.639	1.742	4.263	10.050	25.540	39.800	Coef R2	1.00
1,3-Dichlorobenzene						1.495	1.660	1.893	1.937	2.008	2.078	1.943	1.793	1.851	10.42
1,4-Dichlorobenzene						1.136	1.373	1.608	1.663	1.683	1.823	1.766	1.705	1.595	14.34
sec-Butylbenzene						4.020	4.264	4.404	4.522	4.260	4.236	3.792	3.481	4.122	8.31
4-Isopropyltoluene						3.436	3.706	4.079	4.047	3.931	3.994	3.530	3.325	3.756	7.91
1,2-Dichlorobenzene						1.524	1.582	1.805	1.806	1.886	1.974	1.838	1.761	1.772	8.49
n-Butylbenzene						2.075	2.320	2.703	2.815	3.048	3.170	3.042	2.868	2.755	13.79
1,2,4-Trichlorobenzene q						0.055	0.173	0.868	1.214	4.071	9.059	26.230	39.640	Coef R2	1.00
Naphthalene q						0.051	0.182	0.846	1.279	4.193	9.466	26.010	39.680	Coef R2	1.00
Hexachlorobutadiene						1.775	1.916	2.060	1.837	1.902	1.849	1.648	1.529	1.814	9.11
1,2-Dichlorotetrafluoroethane(sim)	3.675	2.938	3.107	3.144	3.572	3.136	2.989	2.896	2.910	2.821				3.119	9.24
Vinyl Chloride(sim)	1.407	1.333	1.351	1.362	1.573	1.455	1.391	1.336	1.348	1.304				1.386	5.68
Bromomethane(sim)	1.647	1.328	1.300	1.457	1.390	1.421	1.219	1.164	1.095	1.051				1.307	13.90
Trichlorofluoromethane(sim)	4.181	3.290	3.180	3.363	3.843	3.635	3.467	3.284	3.321	3.223				3.479	9.18

(#) 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

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs | Client: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM24 | Calibration Date From: 03/19/25 13:32

Heated Purge (Y/N): Y | Calibration Date Thru: 03/19/25 17:54

GC Column: | Method File: 24_AIR_0319.M

Laboratory File Ids

RRF1 0319_03.D RRF2 0319_04.D RRF3 0319_05.D RRF4 0319_06.D RRF5 0319_07.D RRF6 0319_08.D
RRF7 0319_09.D RRF8 0319_14.D RRF9 0319_10.D RRF10 0319_11.D RRF11 0319_15.D RRF12 0319_12.D
RRF13 0319_13.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	_ RRF	% RSD
1,2-Dichloroethane(sim)	2.069	1.862	1.945	1.977	2.073	1.952	1.848	1.744	1.755	1.721				1.895	6.82
1,1,1-Trichloroethane(sim)	2.744	2.605	2.583	2.640	3.138	2.904	2.767	2.673	2.658	2.597				2.731	6.33
Benzene(sim)			3.808	3.331	3.737	3.512	3.183	3.089	3.091					3.393	8.82
Carbon Tetrachloride(sim)	3.314	2.738	2.841	2.896	3.349	3.168	3.039	2.914	2.937					3.022	7.04
1,1-Dichloroethene(sim)	2.602	2.197	2.075	2.278	2.196	2.220	2.054	1.929	1.997	1.981				2.153	9.09
Trichlorotrifluoroethane(sim)	2.808	2.481	2.478	2.567	2.942	2.773	2.626	2.467	2.482	2.408				2.603	6.88
Trans-1,2-Dichloroethene(sim)	2.143	2.189	2.098	2.106	2.272	2.057	1.925	1.838	1.827	1.837				2.029	7.95
1,1-Dichloroethane(sim)	2.595	2.411	2.336	2.472	2.777	2.622	2.486	2.319	2.350	2.311				2.468	6.29
Cis-1,2-Dichloroethene(sim)	2.035	1.893	1.965	1.938	1.904	1.907	1.787	1.704	1.764	1.715				1.861	6.01
Chloroform(sim)	3.726	2.511	2.457	2.543	2.877	2.744	2.622	2.479	2.493	2.436				2.689	14.51
1,2-dichloropropane(sim)	0.48	0.485	0.484	0.463	0.543	0.504	0.478	0.439	0.459	0.443				0.478	6.35
Bromodichloromethane(sim)	0.861	0.860	0.833	0.868	0.913	0.852	0.804	0.734	0.765	0.742				0.823	7.27
Trichloroethene(sim)	0.55	0.499	0.477	0.510	0.572	0.541	0.513	0.497	0.495	0.481				0.513	6.09
1,4-Dioxane(sim)					0.201	0.162	0.163	0.213	0.195	0.205				0.190	11.64
cis-1,3-Dichloropropene(sim)	0.635	0.575	0.582	0.594	0.660	0.639	0.613	0.603	0.618					0.613	4.55
1,1,2-Trichloroethane(sim)	0.454	0.451	0.428	0.475	0.457	0.462	0.440	0.414	0.425	0.406				0.441	5.04
Dibromochloromethane(sim)	0.918	0.869	0.857	0.906	1.024	0.977	0.938	0.899	0.908					0.922	5.65
1,2-Dibromoethane(EDB)(sim)	0.707	0.702	0.700	0.783	0.766	0.768	0.720	0.706	0.704	0.682				0.724	4.85
Tetrachloroethene(sim)	0.893	0.835	0.792	0.805	0.887	0.851	0.807	0.778	0.765	0.747	0.765			0.811	6.09
Bromoform(sim)	2.181	1.884	1.899	2.036	2.285	2.212	2.174	2.123	2.125					2.102	6.54
m,p-Xylene(sim)	2.695	1.869	2.047	2.024	2.306	2.282	2.331	2.365	2.397	2.276				2.259	10.24
1,1,2,2-Tetrachloroethane(sim)	2.153	1.795	1.749	1.907	2.091	2.031	1.985	1.857	1.959	1.877				1.940	6.62
Benzyl chloride(sim) q			0.021	0.037	0.073	0.165	0.436	1.052	2.495					Coef R2	1.00
1,3-Dichlorobenzene(sim)			1.231	1.378	1.418	1.664	1.931	1.994	2.221					1.691	21.81

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM24 | Calibration Date From: 03/19/25 13:32

Heated Purge (Y/N): Y | Calibration Date Thru: 03/19/25 17:54

GC Column: | Method File: 24_AIR_0319.M

Laboratory File Ids

RRF1 0319_03.D RRF2 0319_04.D RRF3 0319_05.D RRF4 0319_06.D RRF5 0319_07.D RRF6 0319_08.D
RRF7 0319_09.D RRF8 0319_14.D RRF9 0319_10.D RRF10 0319_11.D RRF11 0319_15.D RRF12 0319_12.D
RRF13 0319_13.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	_ RRF	% RSD
1,4-Dichlorobenzene(sim)	1.541	1.052	0.966	1.039	1.079	1.136	1.373	1.608	1.663					1.273	21.50
sec-Butylbenzene(sim)	4.749	3.638	3.647	3.899	4.506	4.473	4.654	4.761	4.903	4.626				4.385	10.84
4-Isopropyltoluene(sim)					3.407	3.436	3.706	4.079	4.047	3.934				3.768	7.94
1,2-Dichlorobenzene(sim)	2.103	1.425	1.347	1.491	1.664	1.715	1.802	1.973	1.986	2.100				1.761	15.81
n-Butylbenzene(sim) q				0.036	0.082	0.168	0.460	1.038	2.496					Coef R2	1.00
1,2,4-Trichlorobenzene(sir qfi		0.046	0.050	0.074	0.135	0.218	0.441	1.013						Coef R2	0.99
Hexachlorobutadiene(sim)	3.248	2.113	1.786	1.898	1.956	1.950	1.931	2.108	1.906					2.100	21.08
% Bromofluorobenzene						1.168	1.184	1.224	1.229	1.260	1.242	1.162	1.109	1.197	4.19

(#) 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

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_03.D
Acq On : 19 Mar 2025 10:33 am
Operator : Keith
Client ID : ICAL 0.01
Lab ID : 0.01 (40cc -1); TO1511
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 19 13:58:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	297334	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	1016952	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	475063	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	296321	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	1016952	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	475063	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	544320	9.059	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.60%				
Target Compounds							Qvalue
2) Propylene	4.087	41	1808	0.054	ppbv	#	64
3) Dichlorodifluoromethane	4.145	85	1394	0.015	ppbv	#	75
4) Chloromethane	4.294	50	1905	0.044	ppbv		90
5) 1,2-Dichlorotetrafluor...	4.386	85	849	0.010	ppbv	#	79
6) Vinyl Chloride	4.485	62	749	0.020	ppbv	#	44
7) 1,3-Butadiene	4.585	54	198	0.006	ppbv	#	1
8) Bromomethane	4.842	94	905	0.026	ppbv	#	29
9) Chloroethane	4.842	64	136	0.009	ppbv	#	1
11) Ethanol	5.082	45	3547	0.188	ppbv		97
12) Acetone	5.462	43	5976	0.098	ppbv		96
13) Trichlorofluoromethane	5.578	101	895	0.009	ppbv	#	83
14) Isopropylalcohol	5.627	45	2937	0.039	ppbv	#	74
15) Acrylonitrile	5.772	53	147	0.005	ppbv	#	15
16) 1,1-Dichloroethene	6.028	61	546	0.009	ppbv	#	63
17) Methylene Chloride	6.112	49	4906	0.091	ppbv		94
20) Carbon Disulfide	6.338	76	1158	0.013	ppbv	#	76
21) Trichlorotrifluoroethane	6.284	101	708	0.010	ppbv	#	63
22) Trans-1,2-Dichloroethene	6.737	61	530	0.009	ppbv	#	53
23) 1,1-Dichloroethane	6.875	63	691	0.010	ppbv	#	52
24) Methyl tert-butyl ethe...	6.915	73	634	0.008	ppbv	#	16
25) Methyl Ethyl Ketone	7.126	43	1800	0.022	ppbv	#	67
26) Cis-1,2-Dichloroethene	7.410	61	464	0.009	ppbv	#	73
27) Hexane	7.515	57	1622	0.029	ppbv	#	98
28) Chloroform	7.572	83	999	0.014	ppbv	#	79
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.880	42	309	0.008	ppbv	#	47
31) 1,2-Dichloroethane	8.059	62	527	0.010	ppbv	#	91
32) 1,1,1-Trichloroethane	8.221	97	753	0.010	ppbv		89
33) Benzene	8.502	78	1485	0.015	ppbv	#	75
34) Carbon Tetrachloride	8.588	117	775	0.009	ppbv	#	77
35) Cyclohexane	8.666	84	3487	0.093	ppbv	#	43
37) 1,2-dichloropropane	8.969	63	416	0.009	ppbv	#	29
38) Bromodichloromethane	9.082	83	793	0.010	ppbv	#	69
39) Trichloroethene	9.107	130	207	0.004	ppbv	#	75
40) 2,2,4-trimethylpentane	9.116	57	2098	0.012	ppbv	#	91
41) 1,4-Dioxane	0.000	88	0	0.000	ppbv		0
43) Heptane	9.237	43	1059	0.015	ppbv	#	66
44) cis-1,3-Dichloropropene	9.582	75	457	0.008	ppbv	#	44
45) 4-Methyl-2-pentanone(M...	9.603	43	1072	0.011	ppbv	#	50
46) trans-1,3-Dichloropropene	9.877	75	293	0.006	ppbv	#	44
47) 1,1,2-Trichloroethane	9.997	97	164	0.004	ppbv	#	29
48) Toluene	10.152	91	1691	0.015	ppbv	#	91

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_03.D
Acq On : 19 Mar 2025 10:33 am
Operator : Keith
Client ID : ICAL 0.01
Lab ID : 0.01 (40cc -1); TO1511
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 19 13:58:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	915	0.010	ppbv#	86
50)	2-Hexanone(MBK)	10.293	43	603	0.008	ppbv#	38
51)	1,2-Dibromoethane(EDB)	10.546	107	650	0.009	ppbv	95
52)	Tetrachloroethene	10.792	166	881	0.011	ppbv#	68
54)	1,1,1,2-Tetrachloroethane	11.155	131	633	0.011	ppbv#	93
55)	Chlorobenzene	11.170	112	1106	0.012	ppbv#	1
56)	Ethylbenzene	11.359	91	1514	0.011	ppbv	89
57)	m,p-Xylene	11.458	91	2331	0.022	ppbv#	80
58)	Bromoform	11.534	173	971	0.010	ppbv#	76
59)	Styrene	11.663	104	633	0.008	ppbv#	74
60)	1,1,2,2-Tetrachloroethane	11.716	83	952	0.011	ppbv	85
61)	o-Xylene	11.723	91	1352	0.012	ppbv#	86
64)	Isopropylbenzene	12.042	105	2270	0.014	ppbv#	85
65)	4-Ethyltoluene	12.416	105	1260	0.008	ppbv#	72
66)	1,3,5-Trimethylbenzene	12.447	105	1598	0.012	ppbv#	85
67)	1,2,4-Trimethylbenzene	12.704	105	970	0.008	ppbv#	80
68)	Benzyl chloride	12.812	91	378	0.004	ppbv#	58
69)	1,3-Dichlorobenzene	12.820	146	698	0.008	ppbv#	64
70)	1,4-Dichlorobenzene	12.867	146	465	0.006	ppbv#	17
71)	sec-Butylbenzene	12.867	105	2325	0.012	ppbv#	74
72)	4-Isopropyltoluene	12.960	119	1902	0.011	ppbv#	81
73)	1,2-Dichlorobenzene	13.077	146	750	0.009	ppbv#	75
74)	n-Butylbenzene	13.224	91	891	0.007	ppbv#	87
76)	Naphthalene	14.383	128	428	0.003	ppbv#	70
77)	Hexachlorobutadiene	14.632	225	1496	0.017	ppbv	94
79]	1,2-Dichlorotetrafluor...	4.388	85	1089m	0.012	ppbv	79
80]	Vinyl Chloride(sim)	4.496	62	417	0.010	ppbv#	71
81]	Bromomethane(sim)	4.853	94	488m	0.013	ppbv	29
82]	Trichlorofluoromethane...	5.581	101	1239	0.012	ppbv#	94
83]	1,2-Dichloroethane(sim)	8.053	62	613m	0.011	ppbv	91
84]	1,1,1-Trichloroethane(...	8.216	97	813	0.010	ppbv#	94
85]	Benzene(sim)	8.496	78	1740m	0.017	ppbv	75
86]	Carbon Tetrachloride(sim)	8.591	117	982	0.011	ppbv	96
87]	1,1-Dichloroethene(sim)	6.031	61	771m	0.012	ppbv	63
88]	Trichlorotrifluoroetha...	6.281	101	832	0.011	ppbv#	97
89]	Trans-1,2-Dichloroethe...	6.732	61	635m	0.011	ppbv	53
90]	1,1-Dichloroethane(sim)	6.869	63	769	0.011	ppbv#	89
91]	Cis-1,2-Dichloroethene...	7.397	61	603m	0.011	ppbv	73
92]	Chloroform(sim)	7.583	83	1104	0.014	ppbv#	81
94]	1,2-dichloropropane(sim)	8.972	63	488	0.010	ppbv#	87
95]	Bromodichloromethane(sim)	9.084	83	876m	0.010	ppbv	51
96]	Trichloroethene(sim)	9.110	130	559	0.011	ppbv	94
97]	1,4-Dioxane(sim)	9.119	88	232m	0.012	ppbv	0
98]	cis-1,3-Dichloropropen...	9.585	75	646	0.010	ppbv#	88
99]	1,1,2-Trichloroethane(...	9.993	97	462m	0.010	ppbv	29
100]	Dibromochloromethane(sim)	10.408	129	934	0.010	ppbv	100
101]	1,2-Dibromoethane(EDB)...	10.549	107	719m	0.010	ppbv	78
102]	Tetrachloroethene(sim)	10.795	166	908	0.011	ppbv	97
104]	Bromoform(sim)	11.537	173	1036	0.010	ppbv	97
105]	m,p-Xylene(sim)	11.453	91	2561m	0.024	ppbv	90
106]	1,1,2,2-Tetrachloroeth...	11.719	83	1023	0.011	ppbv#	98
107]	Benzyl chloride(sim)	12.808	91	438m	0.009	ppbv	58
108]	1,3-Dichlorobenzene(sim)	12.823	146	939	0.010	ppbv	96
109]	1,4-Dichlorobenzene(sim)	12.862	146	732m	0.010	ppbv	17
110]	sec-Butylbenzene(sim)	12.870	105	2256	0.011	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_03.D
Acq On : 19 Mar 2025 10:33 am
Operator : Keith
Client ID : ICAL 0.01
Lab ID : 0.01 (40cc -1); TO1511
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 19 13:58:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

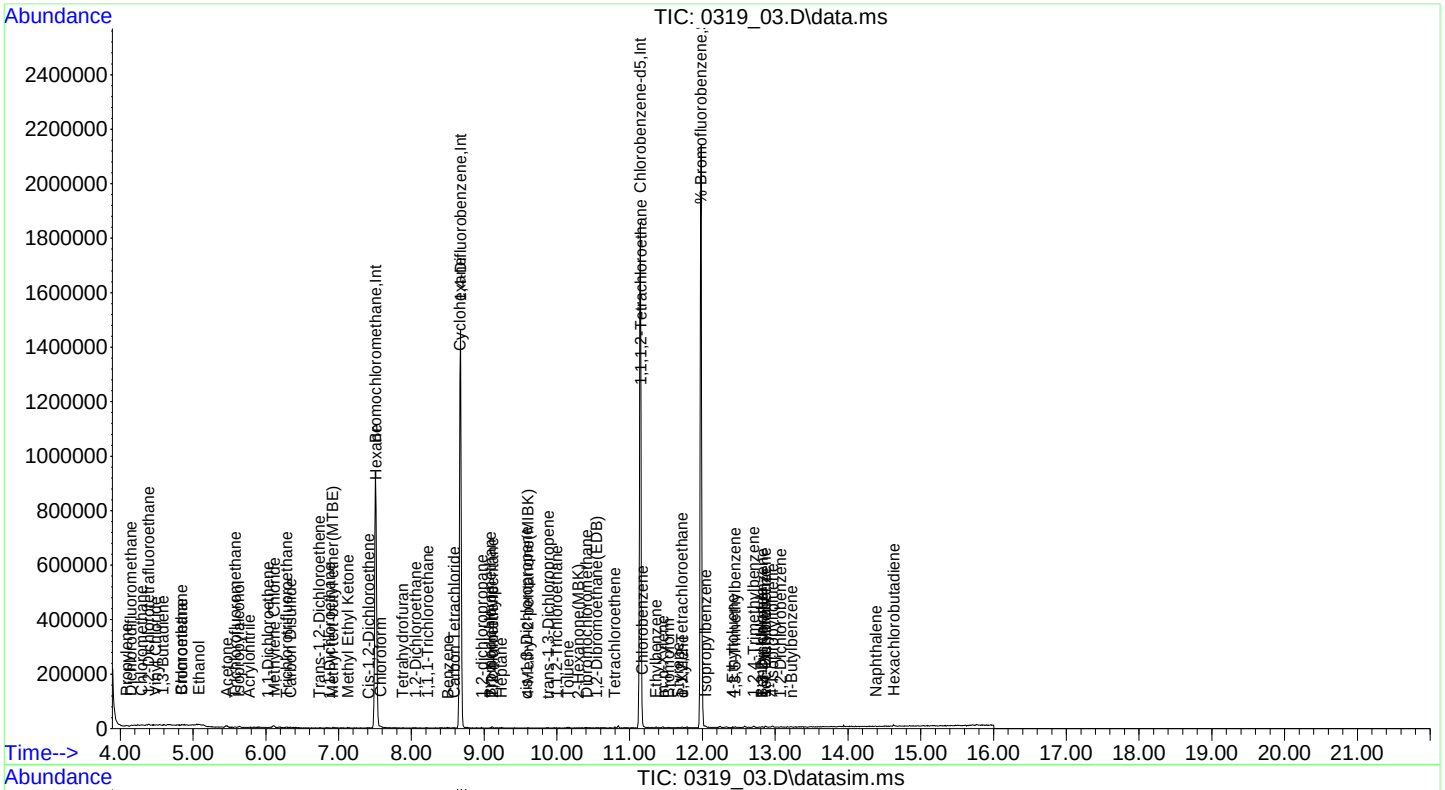
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.955	119	2190m	0.012	ppbv	81
112] 1,2-Dichlorobenzene(sim)	13.080	146	999	0.012	ppbv	95
113] n-Butylbenzene(sim)	13.227	91	987m	0.009	ppbv	87
114] 1,2,4-Trichlorobenzene...	14.285	180	278	0.185	ppbv	97
116] Hexachlorobutadiene(sim)	14.635	225	1543	0.015	ppbv	98

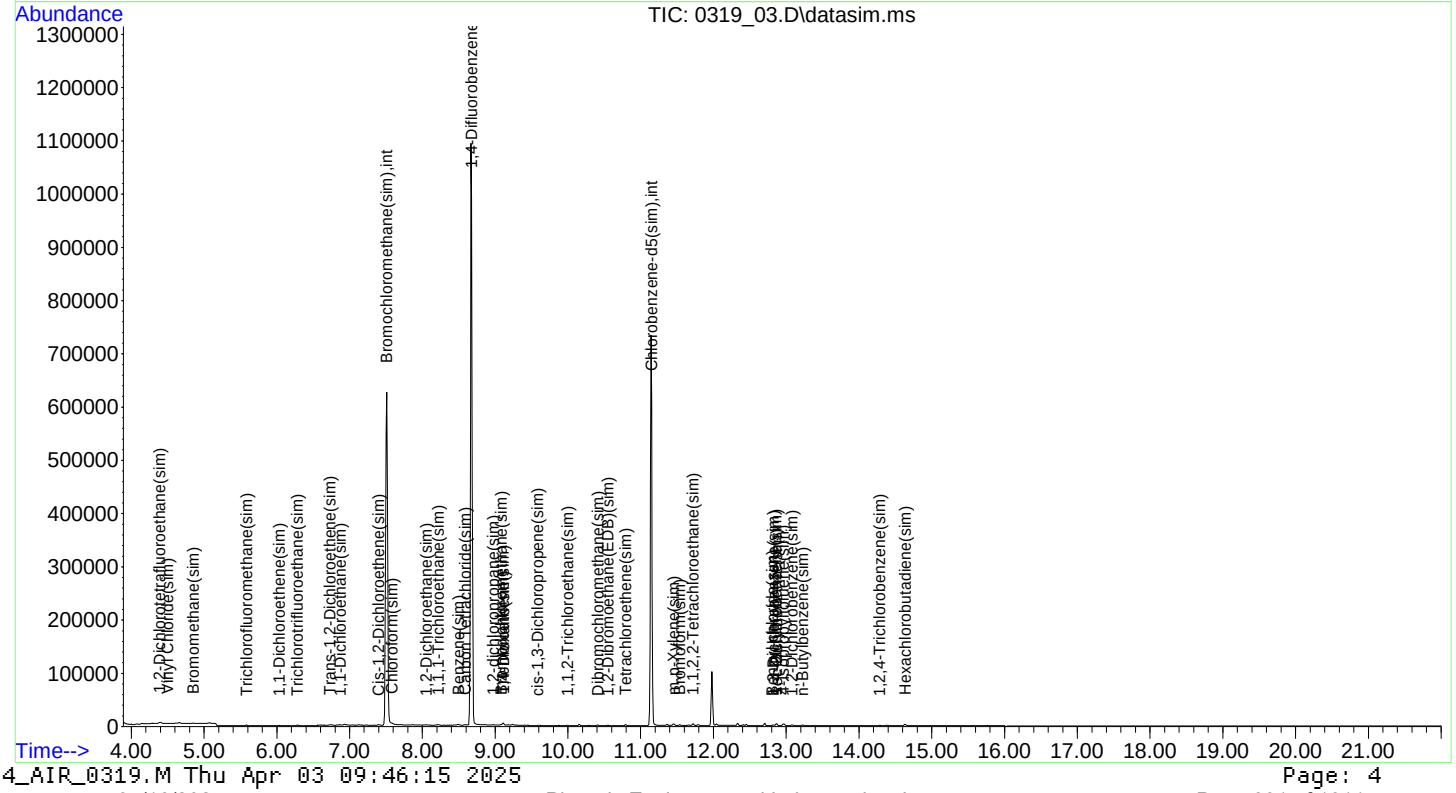
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_03.D
Acq On : 19 Mar 2025 10:33 am
Operator : Keith
Client ID : ICAL 0.01
Lab ID : 0.01 (40cc -1); TO1511
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 19 13:58:34 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_04.D
Acq On : 19 Mar 2025 11:08 am
Operator : Keith
Client ID : ICAL 0.02
Lab ID : 0.02 (80cc -1) ; TO1511
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 14:00:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	304902	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	1031038	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	487186	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	304275	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	1031038	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	487274	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	561742	9.117	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	91.20%			
Target Compounds							Qvalue
2) Propylene	4.078	41	1591	0.046	ppbv#		42
3) Dichlorodifluoromethane	4.145	85	2115	0.022	ppbv#		94
4) Chloromethane	4.294	50	1781	0.040	ppbv		94
5) 1,2-Dichlorotetrafluor...	4.385	85	1910	0.021	ppbv#		85
6) Vinyl Chloride	4.493	62	858	0.022	ppbv		96
7) 1,3-Butadiene	4.617	54	981	0.030	ppbv#		17
8) Bromomethane	4.841	94	2074	0.059	ppbv#		46
9) Chloroethane	4.991	64	290	0.018	ppbv#		1
11) Ethanol	5.090	45	1707	0.088	ppbv#		70
12) Acetone	5.461	43	3500	0.056	ppbv		97
13) Trichlorofluoromethane	5.578	101	1757	0.018	ppbv#		83
14) Isopropylalcohol	5.633	45	3210	0.041	ppbv#		70
15) Acrylonitrile	5.778	53	329	0.011	ppbv#		13
16) 1,1-Dichloroethene	6.034	61	886	0.014	ppbv#		63
17) Methylene Chloride	6.100	49	4597	0.083	ppbv		98
20) Carbon Disulfide	6.338	76	1834	0.020	ppbv#		76
21) Trichlorotrifluoroethane	6.278	101	1471	0.020	ppbv#		90
22) Trans-1,2-Dichloroethene	6.737	61	1057	0.018	ppbv#		75
23) 1,1-Dichloroethane	6.866	63	1391	0.020	ppbv		70
24) Methyl tert-butyl ethe...	6.923	73	1958	0.024	ppbv#		91
25) Methyl Ethyl Ketone	7.126	43	2270	0.028	ppbv#		67
26) Cis-1,2-Dichloroethene	7.402	61	898	0.016	ppbv		92
27) Hexane	7.515	57	995	0.017	ppbv#		50
28) Chloroform	7.588	83	1184	0.016	ppbv#		75
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.872	42	760	0.019	ppbv#		47
31) 1,2-Dichloroethane	8.050	62	993	0.018	ppbv#		70
32) 1,1,1-Trichloroethane	8.221	97	1596	0.020	ppbv#		83
33) Benzene	8.502	78	2233	0.023	ppbv#		70
34) Carbon Tetrachloride	8.588	117	1711	0.019	ppbv		96
35) Cyclohexane	8.666	84	4005	0.104	ppbv#		57
37) 1,2-dichloropropane	8.978	63	1048	0.023	ppbv#		81
38) Bromodichloromethane	9.081	83	1568	0.020	ppbv		87
39) Trichloroethene	9.107	130	968	0.020	ppbv#		89
40) 2,2,4-trimethylpentane	9.116	57	3875	0.021	ppbv#		85
41) 1,4-Dioxane	9.116	88	144	0.007	ppbv#		64
43) Heptane	9.246	43	1646	0.022	ppbv#		88
44) cis-1,3-Dichloropropene	9.589	75	878	0.015	ppbv#		74
45) 4-Methyl-2-pentanone(M...	9.603	43	2115	0.022	ppbv#		78
46) trans-1,3-Dichloropropene	9.877	75	855	0.017	ppbv#		59
47) 1,1,2-Trichloroethane	9.997	97	761	0.017	ppbv		98
48) Toluene	10.159	91	2473	0.021	ppbv#		95

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_04.D
Acq On : 19 Mar 2025 11:08 am
Operator : Keith
Client ID : ICAL 0.02
Lab ID : 0.02 (80cc -1) ; TO1511
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 14:00:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	1723	0.018	ppbv#	90
50)	2-Hexanone(MBK)	10.293	43	1198	0.015	ppbv#	69
51)	1,2-Dibromoethane(EDB)	10.553	107	1549	0.021	ppbv	90
52)	Tetrachloroethene	10.799	166	1602	0.020	ppbv	93
54)	1,1,1,2-Tetrachloroethane	11.155	131	1620	0.027	ppbv#	75
55)	Chlorobenzene	11.170	112	1755	0.019	ppbv#	1
56)	Ethylbenzene	11.359	91	2389	0.017	ppbv	93
57)	m,p-Xylene	11.458	91	3642	0.034	ppbv	97
58)	Bromoform	11.534	173	1640	0.016	ppbv	97
59)	Styrene	11.663	104	1208	0.015	ppbv#	83
60)	1,1,2,2-Tetrachloroethane	11.723	83	1658	0.019	ppbv#	90
61)	o-Xylene	11.723	91	2025	0.018	ppbv#	92
64)	Isopropylbenzene	12.042	105	3672	0.022	ppbv	98
65)	4-Ethyltoluene	12.416	105	2151	0.014	ppbv#	93
66)	1,3,5-Trimethylbenzene	12.455	105	2390	0.018	ppbv#	89
67)	1,2,4-Trimethylbenzene	12.703	105	1667	0.013	ppbv#	87
68)	Benzyl chloride	12.812	91	386	0.004	ppbv#	58
69)	1,3-Dichlorobenzene	12.820	146	1187	0.013	ppbv#	73
70)	1,4-Dichlorobenzene	12.859	146	782	0.010	ppbv#	75
71)	sec-Butylbenzene	12.867	105	3634	0.018	ppbv#	92
72)	4-Isopropyltoluene	12.960	119	3159	0.017	ppbv#	91
73)	1,2-Dichlorobenzene	13.084	146	962	0.011	ppbv#	44
74)	n-Butylbenzene	13.224	91	1563	0.012	ppbv#	70
76)	Naphthalene	14.383	128	441	0.003	ppbv#	70
77)	Hexachlorobutadiene	14.631	225	1779	0.020	ppbv	85
79]	1,2-Dichlorotetrafluor...	4.388	85	1788m	0.019	ppbv	85
80]	Vinyl Chloride(sim)	4.496	62	811	0.019	ppbv	97
81]	Bromomethane(sim)	4.853	94	808m	0.020	ppbv	46
82]	Trichlorofluoromethane...	5.581	101	2002	0.019	ppbv#	96
83]	1,2-Dichloroethane(sim)	8.053	62	1133m	0.020	ppbv	70
84]	1,1,1-Trichloroethane(...	8.215	97	1585	0.019	ppbv#	98
85]	Benzene(sim)	8.496	78	2472m	0.024	ppbv	70
86]	Carbon Tetrachloride(sim)	8.591	117	1666	0.018	ppbv	99
87]	1,1-Dichloroethene(sim)	6.031	61	1337m	0.020	ppbv	77
88]	Trichlorotrifluoroetha...	6.281	101	1510	0.019	ppbv#	97
89]	Trans-1,2-Dichloroethe...	6.731	61	1332m	0.022	ppbv	75
90]	1,1-Dichloroethane(sim)	6.869	63	1467	0.020	ppbv	93
91]	Cis-1,2-Dichloroethene...	7.396	61	1152m	0.020	ppbv	81
92]	Chloroform(sim)	7.583	83	1528	0.019	ppbv#	87
94]	1,2-dichloropropane(sim)	8.972	63	1000	0.020	ppbv#	93
95]	Bromodichloromethane(sim)	9.084	83	1774m	0.021	ppbv	81
96]	Trichloroethene(sim)	9.110	130	1029	0.019	ppbv	92
97]	1,4-Dioxane(sim)	9.119	88	481m	0.025	ppbv	64
98]	cis-1,3-Dichloropropen...	9.585	75	1186	0.019	ppbv	97
99]	1,1,2-Trichloroethane(...	9.993	97	930m	0.020	ppbv	71
100]	Dibromochloromethane(sim)	10.408	129	1792	0.019	ppbv	93
101]	1,2-Dibromoethane(EDB)...	10.549	107	1447m	0.019	ppbv	90
102]	Tetrachloroethene(sim)	10.795	166	1721	0.021	ppbv	90
104]	Bromoform(sim)	11.537	173	1836	0.018	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	3642	0.033	ppbv	97
106]	1,1,2,2-Tetrachloroeth...	11.719	83	1749	0.018	ppbv	99
107]	Benzyl chloride(sim)	12.807	91	687m	0.014	ppbv	58
108]	1,3-Dichlorobenzene(sim)	12.823	146	1255	0.013	ppbv	97
109]	1,4-Dichlorobenzene(sim)	12.862	146	1025m	0.014	ppbv	75
110]	sec-Butylbenzene(sim)	12.870	105	3545	0.017	ppbv	98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_04.D
Acq On : 19 Mar 2025 11:08 am
Operator : Keith
Client ID : ICAL 0.02
Lab ID : 0.02 (80cc -1) ; TO1511
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 14:00:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

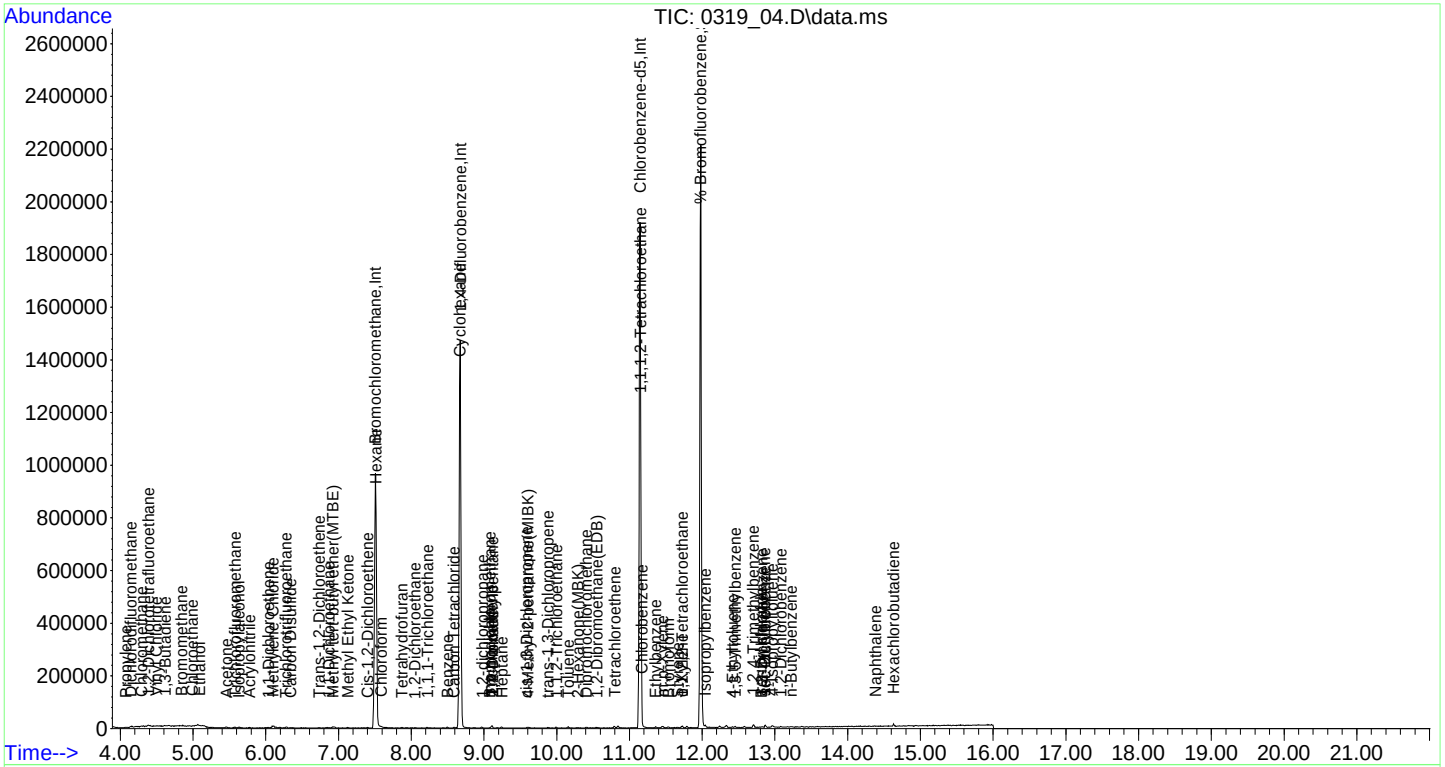
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.960	119	3041	0.017 ppbv#	91
112] 1,2-Dichlorobenzene(sim)	13.079	146	1389	0.016 ppbv	98
113] n-Butylbenzene(sim)	13.224	91	1563	0.014 ppbv	70
114] 1,2,4-Trichlorobenzene...	14.285	180	279m	0.185 ppbv	92
116] Hexachlorobutadiene(sim)	14.634	225	2059	0.020 ppbv	95

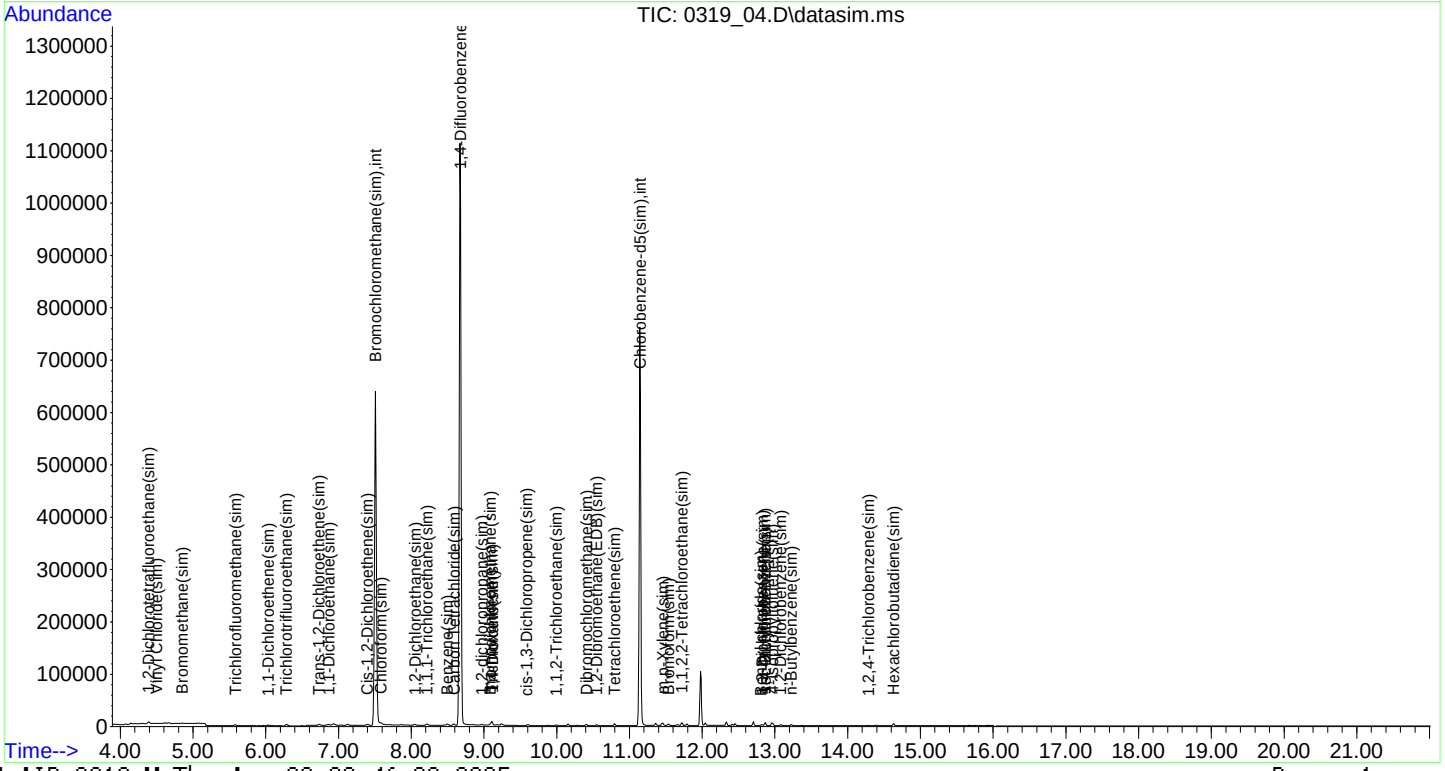
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_04.D
Acq On : 19 Mar 2025 11:08 am
Operator : Keith
Client ID : ICAL 0.02
Lab ID : 0.02 (80cc -1) ; TO1511
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 14:00:24 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_05.D
Acq On : 19 Mar 2025 11:45 am
Operator : Keith
Client ID : ICAL 0.035
Lab ID : 0.035 (140cc -1) ; TO1511
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 14:01:27 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	301834	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	1023757	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	481710	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	302501	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	1023757	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	481710	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	561818	9.221	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.20%				
Target Compounds							Qvalue
2) Propylene	4.070	41	2120	0.062	ppbv#		65
3) Dichlorodifluoromethane	4.145	85	3322	0.034	ppbv#		93
4) Chloromethane	4.286	50	2979	0.068	ppbv		82
5) 1,2-Dichlorotetrafluor...	4.385	85	2911	0.033	ppbv#		87
6) Vinyl Chloride	4.510	62	1660	0.043	ppbv		81
7) 1,3-Butadiene	4.617	54	2030	0.062	ppbv#		63
8) Bromomethane	4.858	94	2542	0.073	ppbv#		50
9) Chloroethane	4.982	64	726	0.046	ppbv#		1
11) Ethanol	5.073	45	1794	0.094	ppbv#		35
12) Acetone	5.449	43	5339	0.086	ppbv		95
13) Trichlorofluoromethane	5.578	101	3227	0.033	ppbv#		94
14) Isopropylalcohol	5.633	45	4583	0.060	ppbv#		78
15) Acrylonitrile	5.772	53	1154	0.037	ppbv#		87
16) 1,1-Dichloroethene	6.040	61	1802	0.029	ppbv#		88
17) Methylene Chloride	6.111	49	5247	0.096	ppbv		98
20) Carbon Disulfide	6.344	76	3106	0.034	ppbv#		76
21) Trichlorotrifluoroethane	6.284	101	2549	0.035	ppbv#		45
22) Trans-1,2-Dichloroethene	6.736	61	1945	0.034	ppbv		91
23) 1,1-Dichloroethane	6.866	63	2425	0.036	ppbv		90
24) Methyl tert-butyl ethe...	6.923	73	2424	0.030	ppbv		92
25) Methyl Ethyl Ketone	7.126	43	3262	0.040	ppbv#		95
26) Cis-1,2-Dichloroethene	7.393	61	1946	0.036	ppbv#		93
27) Hexane	7.515	57	1980	0.035	ppbv#		85
28) Chloroform	7.580	83	2568	0.035	ppbv#		85
29) Ethyl acetate	7.523	61	557	0.042	ppbv#		33
30) Tetrahydrofuran	7.864	42	1508	0.039	ppbv#		73
31) 1,2-Dichloroethane	8.050	62	1781	0.033	ppbv#		79
32) 1,1,1-Trichloroethane	8.220	97	2471	0.032	ppbv		92
33) Benzene	8.502	78	3958	0.040	ppbv		94
34) Carbon Tetrachloride	8.588	117	3554	0.040	ppbv		90
35) Cyclohexane	8.666	84	4475	0.118	ppbv#		71
37) 1,2-dichloropropane	8.977	63	1729	0.039	ppbv#		86
38) Bromodichloromethane	9.081	83	2797	0.035	ppbv		86
39) Trichloroethene	9.099	130	1749	0.036	ppbv		95
40) 2,2,4-trimethylpentane	9.116	57	6229	0.034	ppbv		92
41) 1,4-Dioxane	9.124	88	580	0.029	ppbv#		73
43) Heptane	9.246	43	2444	0.033	ppbv#		96
44) cis-1,3-Dichloropropene	9.589	75	2146	0.036	ppbv		88
45) 4-Methyl-2-pentanone(M...	9.610	43	3355	0.036	ppbv#		79
46) trans-1,3-Dichloropropene	9.877	75	1539	0.032	ppbv#		56
47) 1,1,2-Trichloroethane	9.990	97	1594	0.037	ppbv		93
48) Toluene	10.152	91	3811	0.033	ppbv#		94

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_05.D
Acq On : 19 Mar 2025 11:45 am
Operator : Keith
Client ID : ICAL 0.035
Lab ID : 0.035 (140cc -1) ; TO1511
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 14:01:27 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	2915	0.031	ppbv	90
50)	2-Hexanone(MBK)	10.285	43	1675	0.021	ppbv#	81
51)	1,2-Dibromoethane(EDB)	10.546	107	2537	0.035	ppbv	96
52)	Tetrachloroethene	10.792	166	2858	0.037	ppbv	89
54)	1,1,1,2-Tetrachloroethane	11.154	131	1985	0.034	ppbv#	83
55)	Chlorobenzene	11.170	112	3238	0.035	ppbv#	1
56)	Ethylbenzene	11.359	91	4924	0.035	ppbv	93
57)	m,p-Xylene	11.458	91	6901	0.065	ppbv	96
58)	Bromoform	11.534	173	3033	0.030	ppbv	94
59)	Styrene	11.655	104	1961	0.025	ppbv#	87
60)	1,1,2,2-Tetrachloroethane	11.716	83	2738	0.032	ppbv	91
61)	o-Xylene	11.723	91	3618	0.032	ppbv	96
64)	Isopropylbenzene	12.042	105	5502	0.034	ppbv#	94
65)	4-Ethyltoluene	12.416	105	3917	0.026	ppbv#	92
66)	1,3,5-Trimethylbenzene	12.454	105	4075	0.031	ppbv	97
67)	1,2,4-Trimethylbenzene	12.703	105	3052	0.023	ppbv	91
68)	Benzyl chloride	12.804	91	1066	0.011	ppbv#	58
69)	1,3-Dichlorobenzene	12.820	146	2013	0.023	ppbv#	85
70)	1,4-Dichlorobenzene	12.867	146	1492	0.019	ppbv	93
71)	sec-Butylbenzene	12.867	105	5844	0.029	ppbv#	89
72)	4-Isopropyltoluene	12.952	119	4792	0.026	ppbv#	90
73)	1,2-Dichlorobenzene	13.084	146	1923	0.023	ppbv	88
74)	n-Butylbenzene	13.224	91	2180	0.016	ppbv#	76
76)	Naphthalene	14.390	128	586	0.004	ppbv#	70
77)	Hexachlorobutadiene	14.631	225	2520	0.029	ppbv	90
79]	1,2-Dichlorotetrafluor...	4.388	85	3290m	0.035	ppbv	87
80]	Vinyl Chloride(sim)	4.496	62	1430	0.034	ppbv	100
81]	Bromomethane(sim)	4.852	94	1376m	0.035	ppbv	50
82]	Trichlorofluoromethane...	5.581	101	3367	0.032	ppbv#	98
83]	1,2-Dichloroethane(sim)	8.053	62	2059m	0.036	ppbv	79
84]	1,1,1-Trichloroethane(...	8.215	97	2735	0.033	ppbv#	97
85]	Benzene(sim)	8.496	78	4032m	0.039	ppbv	94
86]	Carbon Tetrachloride(sim)	8.591	117	3008	0.033	ppbv	99
87]	1,1-Dichloroethene(sim)	6.031	61	2197m	0.034	ppbv	88
88]	Trichlorotrifluoroetha...	6.287	101	2624	0.033	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.731	61	2221m	0.036	ppbv	91
90]	1,1-Dichloroethane(sim)	6.869	63	2473	0.033	ppbv#	94
91]	Cis-1,2-Dichloroethene...	7.396	61	2080m	0.037	ppbv	84
92]	Chloroform(sim)	7.583	83	2601	0.032	ppbv#	90
94]	1,2-dichloropropane(sim)	8.972	63	1735	0.035	ppbv	97
95]	Bromodichloromethane(sim)	9.084	83	2986m	0.035	ppbv	89
96]	Trichloroethene(sim)	9.110	130	1708	0.032	ppbv	94
97]	1,4-Dioxane(sim)	9.119	88	693m	0.036	ppbv	73
98]	cis-1,3-Dichloropropen...	9.584	75	2086	0.033	ppbv	98
99]	1,1,2-Trichloroethane(...	9.993	97	1535m	0.034	ppbv	84
100]	Dibromochloromethane(sim)	10.408	129	3070	0.033	ppbv	97
101]	1,2-Dibromoethane(EDB)...	10.549	107	2509m	0.034	ppbv	96
102]	Tetrachloroethene(sim)	10.795	166	2838	0.034	ppbv	94
104]	Bromoform(sim)	11.536	173	3201	0.032	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	6901	0.063	ppbv	96
106]	1,1,2,2-Tetrachloroeth...	11.718	83	2949	0.032	ppbv	100
107]	Benzyl chloride(sim)	12.807	91	1036m	0.021	ppbv	58
108]	1,3-Dichlorobenzene(sim)	12.823	146	2075	0.021	ppbv	95
109]	1,4-Dichlorobenzene(sim)	12.862	146	1629m	0.022	ppbv	93
110]	sec-Butylbenzene(sim)	12.869	105	6148	0.029	ppbv	98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_05.D
Acq On : 19 Mar 2025 11:45 am
Operator : Keith
Client ID : ICAL 0.035
Lab ID : 0.035 (140cc -1) ; TO1511
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 14:01:27 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

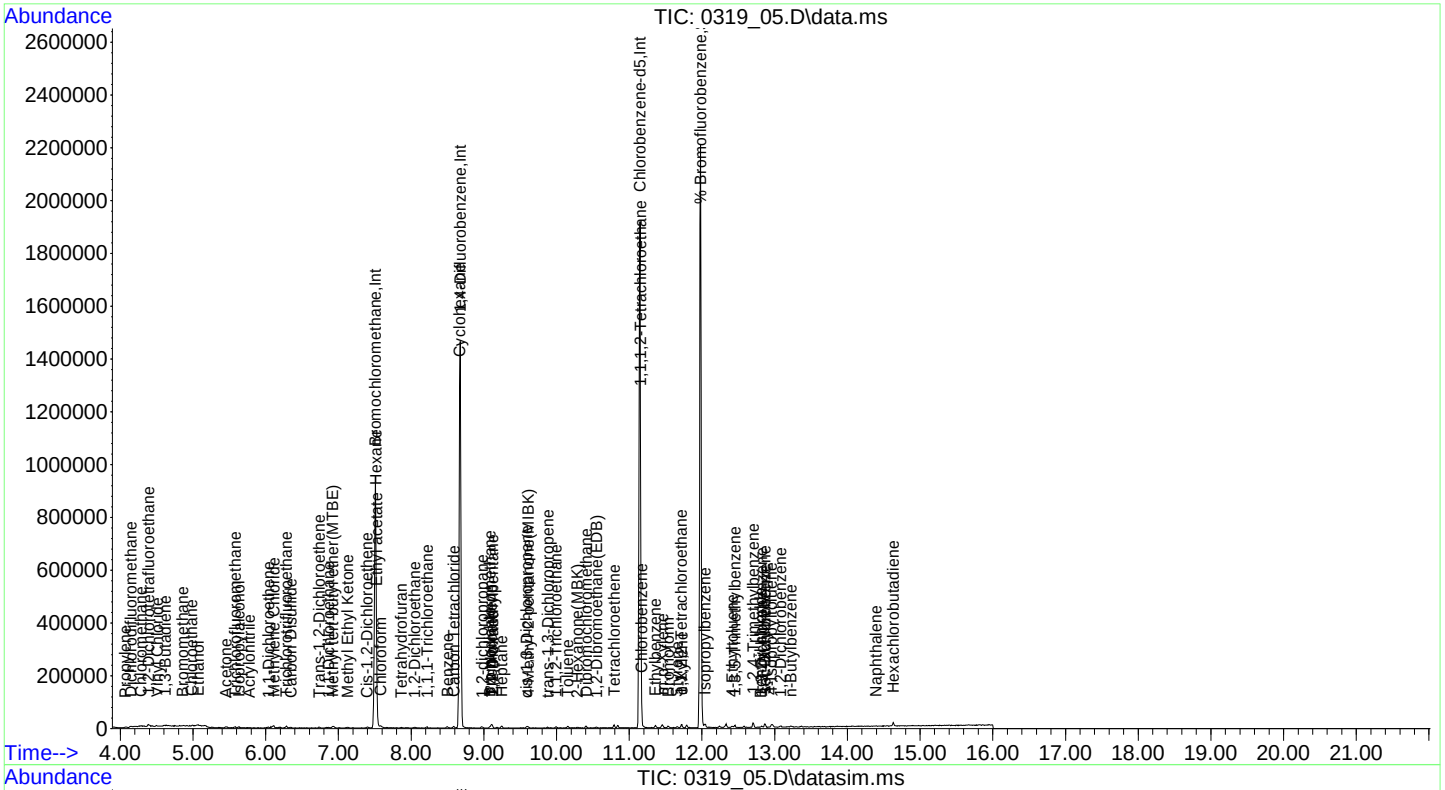
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.955	119	5361m	0.030	ppbv	90
112] 1,2-Dichlorobenzene(sim)	13.079	146	2271	0.027	ppbv	99
113] n-Butylbenzene(sim)	13.219	91	2288m	0.021	ppbv	81
114] 1,2,4-Trichlorobenzene...	14.284	180	305m	0.187	ppbv	88
116] Hexachlorobutadiene(sim)	14.634	225	3012	0.030	ppbv	97

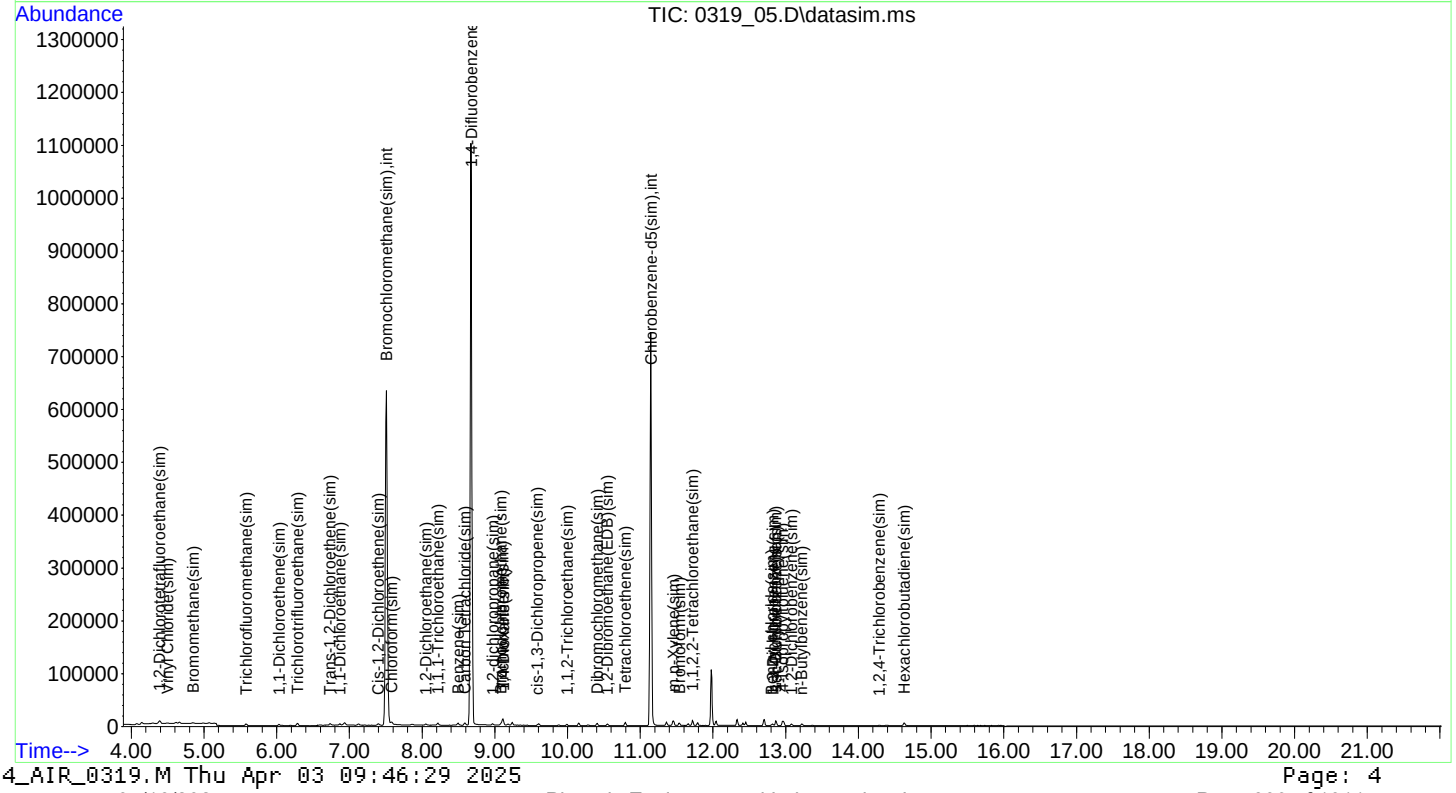
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_05.D
Acq On : 19 Mar 2025 11:45 am
Operator : Keith
Client ID : ICAL 0.035
Lab ID : 0.035 (140cc -1) ; TO1511
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 14:01:27 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_06.D
Acq On : 19 Mar 2025 12:22 pm
Operator : Keith
Client ID : ICAL 0.05
Lab ID : 0.05 ppb ; TO1511
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 14:02:46 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	288643	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	969838	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	449483	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	288446	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	969838	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	449483	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	536804	9.443	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.40%				
Target Compounds							Qvalue
2) Propylene	4.079	41	2985	0.092	ppbv		89
3) Dichlorodifluoromethane	4.145	85	4633	0.050	ppbv#		81
4) Chloromethane	4.286	50	2924	0.070	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.386	85	4252	0.050	ppbv#		87
6) Vinyl Chloride	4.493	62	2637	0.071	ppbv		83
7) 1,3-Butadiene	4.618	54	2159	0.069	ppbv#		83
8) Bromomethane	4.850	94	2126	0.064	ppbv#		93
9) Chloroethane	4.991	64	868	0.058	ppbv#		37
11) Ethanol	5.074	45	2915	0.159	ppbv#		91
12) Acetone	5.449	43	6409	0.108	ppbv		98
13) Trichlorofluoromethane	5.584	101	4585	0.048	ppbv		96
14) Isopropylalcohol	5.627	45	5756	0.079	ppbv#		74
15) Acrylonitrile	5.778	53	1812	0.061	ppbv		89
16) 1,1-Dichloroethene	6.034	61	3129	0.053	ppbv#		91
17) Methylene Chloride	6.112	49	6199	0.118	ppbv		96
20) Carbon Disulfide	6.338	76	4401	0.050	ppbv		95
21) Trichlorotrifluoroethane	6.279	101	3537	0.051	ppbv		93
22) Trans-1,2-Dichloroethene	6.737	61	2843	0.052	ppbv#		91
23) 1,1-Dichloroethane	6.867	63	3433	0.053	ppbv		91
24) Methyl tert-butyl ethe...	6.915	73	3646	0.048	ppbv#		89
25) Methyl Ethyl Ketone	7.118	43	4648	0.060	ppbv#		89
26) Cis-1,2-Dichloroethene	7.394	61	2727	0.053	ppbv		97
27) Hexane	7.515	57	2540	0.047	ppbv#		70
28) Chloroform	7.580	83	3422	0.048	ppbv		95
29) Ethyl acetate	7.515	61	689	0.055	ppbv#		64
30) Tetrahydrofuran	7.856	42	2140	0.057	ppbv#		75
31) 1,2-Dichloroethane	8.051	62	2723	0.052	ppbv		98
32) 1,1,1-Trichloroethane	8.213	97	3772	0.051	ppbv		95
33) Benzene	8.493	78	4804	0.051	ppbv#		93
34) Carbon Tetrachloride	8.588	117	4508	0.053	ppbv		95
35) Cyclohexane	8.666	84	4442	0.122	ppbv#		73
37) 1,2-dichloropropane	8.978	63	2473	0.059	ppbv#		92
38) Bromodichloromethane	9.082	83	4369	0.058	ppbv		94
39) Trichloroethene	9.108	130	2709	0.059	ppbv		89
40) 2,2,4-trimethylpentane	9.116	57	9077	0.053	ppbv		95
41) 1,4-Dioxane	9.116	88	1110	0.059	ppbv#		65
43) Heptane	9.246	43	3834	0.055	ppbv#		90
44) cis-1,3-Dichloropropene	9.582	75	2631	0.046	ppbv		92
45) 4-Methyl-2-pentanone(M...	9.603	43	4367	0.049	ppbv#		82
46) trans-1,3-Dichloropropene	9.877	75	2110	0.046	ppbv#		82
47) 1,1,2-Trichloroethane	9.997	97	1817	0.044	ppbv#		73
48) Toluene	10.159	91	5678	0.052	ppbv		93

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_06.D
Acq On : 19 Mar 2025 12:22 pm
Operator : Keith
Client ID : ICAL 0.05
Lab ID : 0.05 ppb ; TO1511
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 14:02:46 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	4354	0.048	ppbv	97
50) 2-Hexanone(MBK)	10.286	43	3245	0.043	ppbv#	69
51) 1,2-Dibromoethane(EDB)	10.546	107	3346	0.048	ppbv	95
52) Tetrachloroethene	10.793	166	3464	0.047	ppbv	99
54) 1,1,1,2-Tetrachloroethane	11.155	131	2903	0.053	ppbv	97
55) Chlorobenzene	11.170	112	4704	0.055	ppbv#	1
56) Ethylbenzene	11.360	91	6540	0.051	ppbv	92
57) m,p-Xylene	11.450	91	9098	0.092	ppbv	94
58) Bromoform	11.534	173	4499	0.048	ppbv	93
59) Styrene	11.655	104	2832	0.039	ppbv	96
60) 1,1,2,2-Tetrachloroethane	11.716	83	3993	0.050	ppbv	94
61) o-Xylene	11.723	91	4831	0.046	ppbv#	91
64) Isopropylbenzene	12.042	105	8316	0.055	ppbv	97
65) 4-Ethyltoluene	12.416	105	5813	0.041	ppbv	97
66) 1,3,5-Trimethylbenzene	12.455	105	5511	0.044	ppbv#	95
67) 1,2,4-Trimethylbenzene	12.704	105	4249	0.035	ppbv#	90
68) Benzyl chloride	12.805	91	1331	0.014	ppbv#	70
69) 1,3-Dichlorobenzene	12.820	146	3003	0.036	ppbv#	94
70) 1,4-Dichlorobenzene	12.859	146	2361	0.033	ppbv	94
71) sec-Butylbenzene	12.867	105	7972	0.043	ppbv	98
72) 4-Isopropyltoluene	12.960	119	7170	0.042	ppbv#	93
73) 1,2-Dichlorobenzene	13.085	146	3313	0.042	ppbv#	87
74) n-Butylbenzene	13.225	91	3295	0.027	ppbv#	94
76) Naphthalene	14.375	128	831	0.006	ppbv#	70
77) Hexachlorobutadiene	14.632	225	3922	0.048	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.388	85	4535m	0.050	ppbv	86
80] Vinyl Chloride(sim)	4.496	62	1965	0.049	ppbv	94
81] Bromomethane(sim)	4.853	94	2101m	0.056	ppbv	93
82] Trichlorofluoromethane...	5.581	101	4850	0.048	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.053	62	2852m	0.052	ppbv	98
84] 1,1,1-Trichloroethane(...	8.216	97	3808	0.048	ppbv#	95
85] Benzene(sim)	8.493	78	4804	0.049	ppbv#	93
86] Carbon Tetrachloride(sim)	8.591	117	4176	0.048	ppbv	99
87] 1,1-Dichloroethene(sim)	6.031	61	3285m	0.053	ppbv	81
88] Trichlorotrifluoroetha...	6.287	101	3702	0.049	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.732	61	3038m	0.052	ppbv	91
90] 1,1-Dichloroethane(sim)	6.869	63	3565	0.050	ppbv	98
91] Cis-1,2-Dichloroethene...	7.397	61	2795m	0.052	ppbv	97
92] Chloroform(sim)	7.583	83	3668	0.047	ppbv	97
94] 1,2-dichloropropane(sim)	8.972	63	2246m	0.048	ppbv	95
95] Bromodichloromethane(sim)	9.085	83	4207m	0.053	ppbv	86
96] Trichloroethene(sim)	9.110	130	2472	0.050	ppbv	95
97] 1,4-Dioxane(sim)	9.119	88	921m	0.050	ppbv	65
98] cis-1,3-Dichloropropen...	9.585	75	2881	0.048	ppbv	98
99] 1,1,2-Trichloroethane(...	9.993	97	2303m	0.054	ppbv	79
100] Dibromochloromethane(sim)	10.408	129	4392	0.049	ppbv	97
101] 1,2-Dibromoethane(EDB)...	10.549	107	3799m	0.054	ppbv	93
102] Tetrachloroethene(sim)	10.795	166	3906	0.050	ppbv	93
104] Bromoform(sim)	11.537	173	4576	0.048	ppbv	99
105] m,p-Xylene(sim)	11.450	91	9098	0.090	ppbv#	94
106] 1,1,2,2-Tetrachloroeth...	11.719	83	4285	0.049	ppbv	99
107] Benzyl chloride(sim)	12.800	91	1736m	0.037	ppbv	70
108] 1,3-Dichlorobenzene(sim)	12.823	146	3096	0.034	ppbv	94
109] 1,4-Dichlorobenzene(sim)	12.862	146	2336m	0.034	ppbv	94
110] sec-Butylbenzene(sim)	12.870	105	8762	0.044	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_06.D
Acq On : 19 Mar 2025 12:22 pm
Operator : Keith
Client ID : ICAL 0.05
Lab ID : 0.05 ppb ; TO1511
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 14:02:46 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

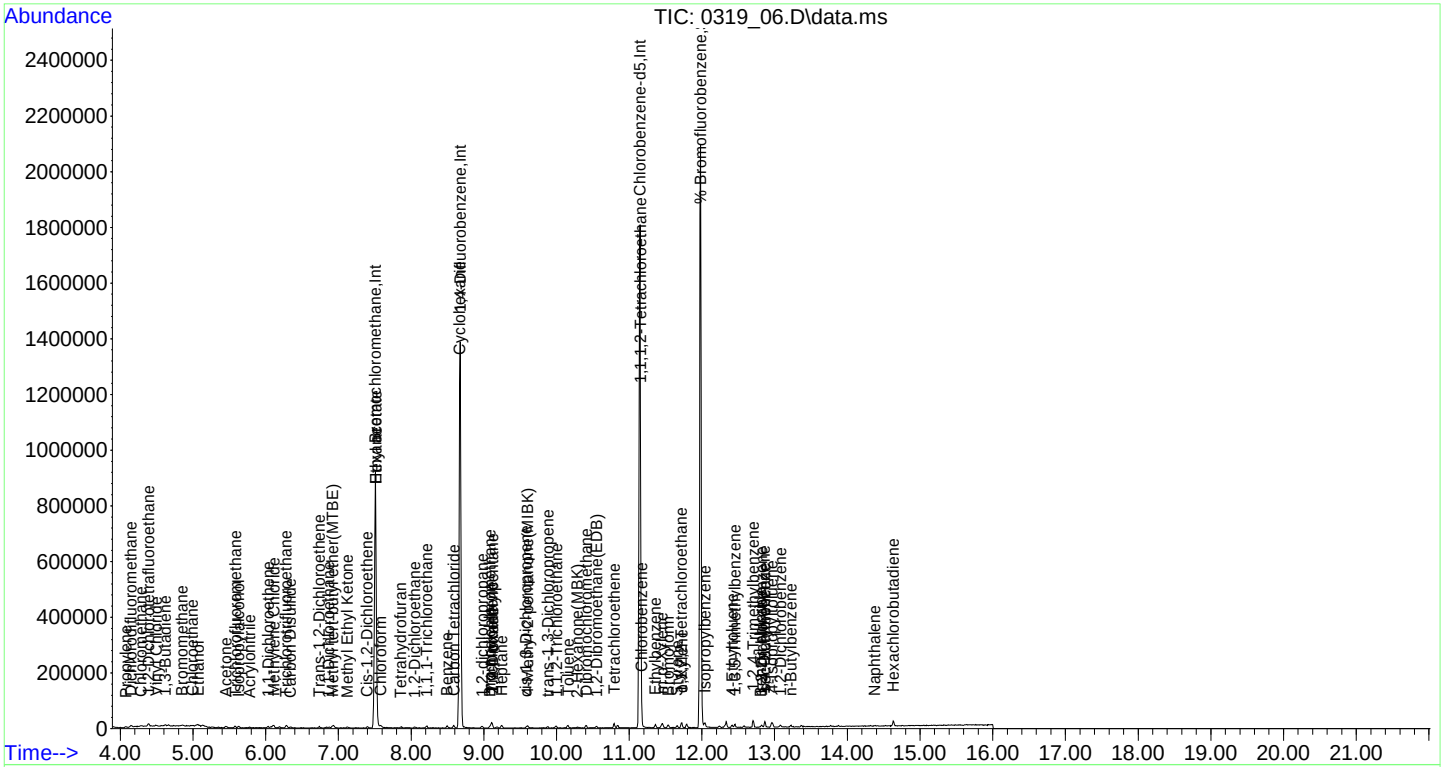
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111] 4-Isopropyltoluene(sim)	12.960	119	7170	0.042	ppbv#	93
112] 1,2-Dichlorobenzene(sim)	13.080	146	3352	0.042	ppbv	97
113] n-Butylbenzene(sim)	13.220	91	3978m	0.038	ppbv	94
114] 1,2,4-Trichlorobenzene...	14.285	180	482m	0.203	ppbv	99
116] Hexachlorobutadiene(sim)	14.635	225	4265	0.045	ppbv	97

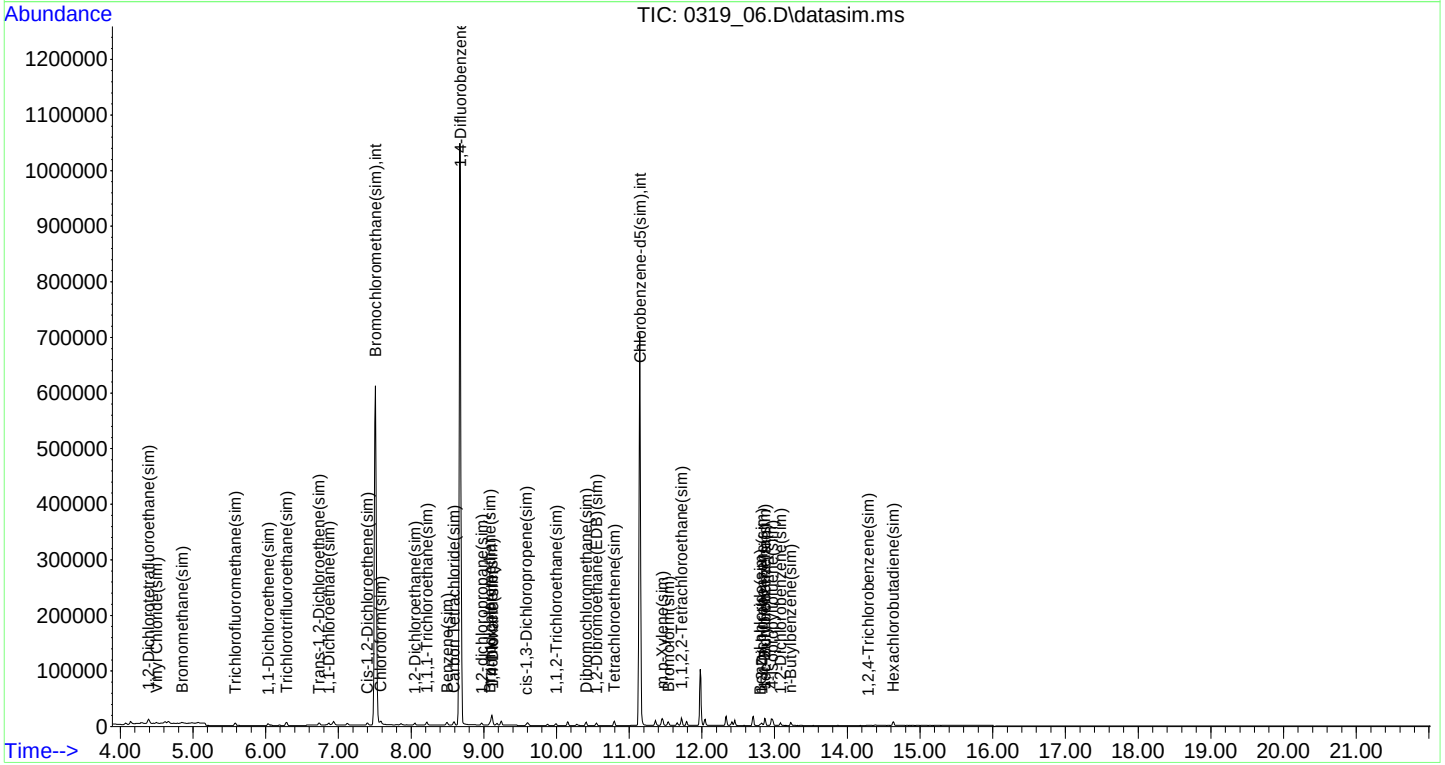
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_06.D
Acq On : 19 Mar 2025 12:22 pm
Operator : Keith
Client ID : ICAL 0.05
Lab ID : 0.05 ppb ; TO1511
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 14:02:46 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_07.D
Acq On : 19 Mar 2025 12:56 pm
Operator : Keith
Client ID : ICAL 0.1
Lab ID : 0.10 ppb ; TO1511
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 14:03:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	293224	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	1006365	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	465235	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	295998	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	1006365	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	465782	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	534905	9.091	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	90.90%			
Target Compounds							Qvalue
2) Propylene	4.079	41	4287	0.130	ppbv#		75
3) Dichlorodifluoromethane	4.145	85	10082	0.107	ppbv#		91
4) Chloromethane	4.294	50	6192	0.146	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	10574	0.124	ppbv#		84
6) Vinyl Chloride	4.501	62	4525	0.119	ppbv		100
7) 1,3-Butadiene	4.626	54	4640	0.146	ppbv#		94
8) Bromomethane	4.858	94	5339	0.158	ppbv#		77
9) Chloroethane	4.991	64	2174	0.143	ppbv		94
11) Ethanol	5.074	45	3854	0.207	ppbv		94
12) Acetone	5.455	43	8663	0.144	ppbv		93
13) Trichlorofluoromethane	5.578	101	10496	0.109	ppbv		97
14) Isopropylalcohol	5.627	45	9203	0.124	ppbv#		82
15) Acrylonitrile	5.778	53	3228	0.107	ppbv#		90
16) 1,1-Dichloroethene	6.034	61	6501	0.109	ppbv		93
17) Methylene Chloride	6.112	49	9349	0.175	ppbv		97
20) Carbon Disulfide	6.344	76	10450	0.118	ppbv		97
21) Trichlorotrifluoroethane	6.284	101	8654	0.123	ppbv		96
22) Trans-1,2-Dichloroethene	6.737	61	6726	0.120	ppbv		100
23) 1,1-Dichloroethane	6.874	63	7818	0.118	ppbv		94
24) Methyl tert-butyl ethe...	6.915	73	9225	0.119	ppbv#		93
25) Methyl Ethyl Ketone	7.118	43	9679	0.122	ppbv#		93
26) Cis-1,2-Dichloroethene	7.402	61	5637	0.107	ppbv		95
27) Hexane	7.523	57	5447	0.098	ppbv#		76
28) Chloroform	7.580	83	8676	0.121	ppbv		94
29) Ethyl acetate	7.515	61	1358	0.106	ppbv#		92
30) Tetrahydrofuran	7.864	42	4380	0.115	ppbv		95
31) 1,2-Dichloroethane	8.050	62	6136	0.116	ppbv		93
32) 1,1,1-Trichloroethane	8.221	97	8523	0.112	ppbv		98
33) Benzene	8.493	78	11062	0.116	ppbv		97
34) Carbon Tetrachloride	8.588	117	9703	0.111	ppbv		97
35) Cyclohexane	8.666	84	7286	0.197	ppbv#		81
37) 1,2-dichloropropane	8.978	63	4908	0.112	ppbv		93
38) Bromodichloromethane	9.081	83	9191	0.118	ppbv		98
39) Trichloroethene	9.107	130	5417	0.113	ppbv		92
40) 2,2,4-trimethylpentane	9.116	57	20045	0.112	ppbv#		94
41) 1,4-Dioxane	9.116	88	2025	0.104	ppbv#		96
43) Heptane	9.246	43	8403	0.117	ppbv#		93
44) cis-1,3-Dichloropropene	9.589	75	6680	0.113	ppbv		93
45) 4-Methyl-2-pentanone(M...	9.603	43	9245	0.100	ppbv		96
46) trans-1,3-Dichloropropene	9.877	75	4371	0.091	ppbv#		85
47) 1,1,2-Trichloroethane	9.990	97	4603	0.108	ppbv		97
48) Toluene	10.159	91	12115	0.107	ppbv		97

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_07.D
Acq On : 19 Mar 2025 12:56 pm
Operator : Keith
Client ID : ICAL 0.1
Lab ID : 0.10 ppb ; TO1511
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 14:03:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	10459	0.112	ppbv	96
50) 2-Hexanone(MBK)	10.278	43	6688	0.085	ppbv#	84
51) 1,2-Dibromoethane(EDB)	10.546	107	7706	0.107	ppbv	96
52) Tetrachloroethene	10.792	166	8430	0.110	ppbv	93
54) 1,1,1,2-Tetrachloroethane	11.155	131	6843	0.122	ppbv	97
55) Chlorobenzene	11.170	112	10807	0.121	ppbv#	35
56) Ethylbenzene	11.359	91	14447	0.108	ppbv	98
57) m,p-Xylene	11.458	91	21485	0.211	ppbv	98
58) Bromoform	11.534	173	10896	0.111	ppbv	98
59) Styrene	11.663	104	6525	0.087	ppbv	98
60) 1,1,2,2-Tetrachloroethane	11.716	83	8684	0.105	ppbv	92
61) o-Xylene	11.723	91	11611	0.108	ppbv	94
64) Isopropylbenzene	12.042	105	18578	0.118	ppbv	97
65) 4-Ethyltoluene	12.416	105	12403	0.085	ppbv	97
66) 1,3,5-Trimethylbenzene	12.447	105	12421	0.097	ppbv#	94
67) 1,2,4-Trimethylbenzene	12.703	105	11020	0.088	ppbv#	92
68) Benzyl chloride	12.804	91	3550	0.037	ppbv#	90
69) 1,3-Dichlorobenzene	12.820	146	6319	0.073	ppbv	98
70) 1,4-Dichlorobenzene	12.859	146	5026	0.068	ppbv	96
71) sec-Butylbenzene	12.867	105	19356	0.101	ppbv	96
72) 4-Isopropyltoluene	12.960	119	15867	0.091	ppbv#	93
73) 1,2-Dichlorobenzene	13.084	146	6694	0.081	ppbv	95
74) n-Butylbenzene	13.224	91	9383	0.073	ppbv	97
75) 1,2,4-Trichlorobenzene	14.282	180	1133	0.020	ppbv#	84
76) Naphthalene	14.383	128	1888	0.014	ppbv#	70
77) Hexachlorobutadiene	14.632	225	9091	0.108	ppbv	88
79] 1,2-Dichlorotetrafluor...	4.385	85	10574	0.115	ppbv#	84
80] Vinyl Chloride(sim)	4.496	62	4657	0.114	ppbv	99
81] Bromomethane(sim)	4.853	94	4115m	0.106	ppbv	77
82] Trichlorofluoromethane...	5.581	101	11375	0.110	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	6136	0.109	ppbv	93
84] 1,1,1-Trichloroethane(...	8.215	97	9287	0.115	ppbv#	98
85] Benzene(sim)	8.493	78	11062	0.110	ppbv	97
86] Carbon Tetrachloride(sim)	8.591	117	9913	0.111	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	6501	0.102	ppbv	93
88] Trichlorotrifluoroetha...	6.287	101	8707	0.113	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.737	61	6726	0.112	ppbv	100
90] 1,1-Dichloroethane(sim)	6.869	63	8219	0.113	ppbv	97
91] Cis-1,2-Dichloroethene...	7.402	61	5637	0.102	ppbv	95
92] Chloroform(sim)	7.583	83	8515	0.107	ppbv	96
94] 1,2-dichloropropane(sim)	8.972	63	5462	0.114	ppbv	95
95] Bromodichloromethane(sim)	9.081	83	9191	0.111	ppbv	96
96] Trichloroethene(sim)	9.110	130	5759	0.111	ppbv	96
97] 1,4-Dioxane(sim)	9.116	88	2025	0.106	ppbv#	96
98] cis-1,3-Dichloropropen...	9.592	75	6644	0.108	ppbv	98
99] 1,1,2-Trichloroethane(...	9.990	97	4603	0.104	ppbv	97
100] Dibromochloromethane(sim)	10.408	129	10306	0.111	ppbv	98
101] 1,2-Dibromoethane(EDB)...	10.546	107	7706	0.106	ppbv	96
102] Tetrachloroethene(sim)	10.795	166	8925	0.109	ppbv	94
104] Bromoform(sim)	11.537	173	10643	0.109	ppbv	99
105] m,p-Xylene(sim)	11.458	91	21485	0.204	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.719	83	9739	0.108	ppbv	99
107] Benzyl chloride(sim)	12.804	91	3550	0.073	ppbv	90
108] 1,3-Dichlorobenzene(sim)	12.823	146	6603	0.070	ppbv	93
109] 1,4-Dichlorobenzene(sim)	12.859	146	5026	0.071	ppbv	96

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_07.D
Acq On : 19 Mar 2025 12:56 pm
Operator : Keith
Client ID : ICAL 0.1
Lab ID : 0.10 ppb ; TO1511
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 14:03:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

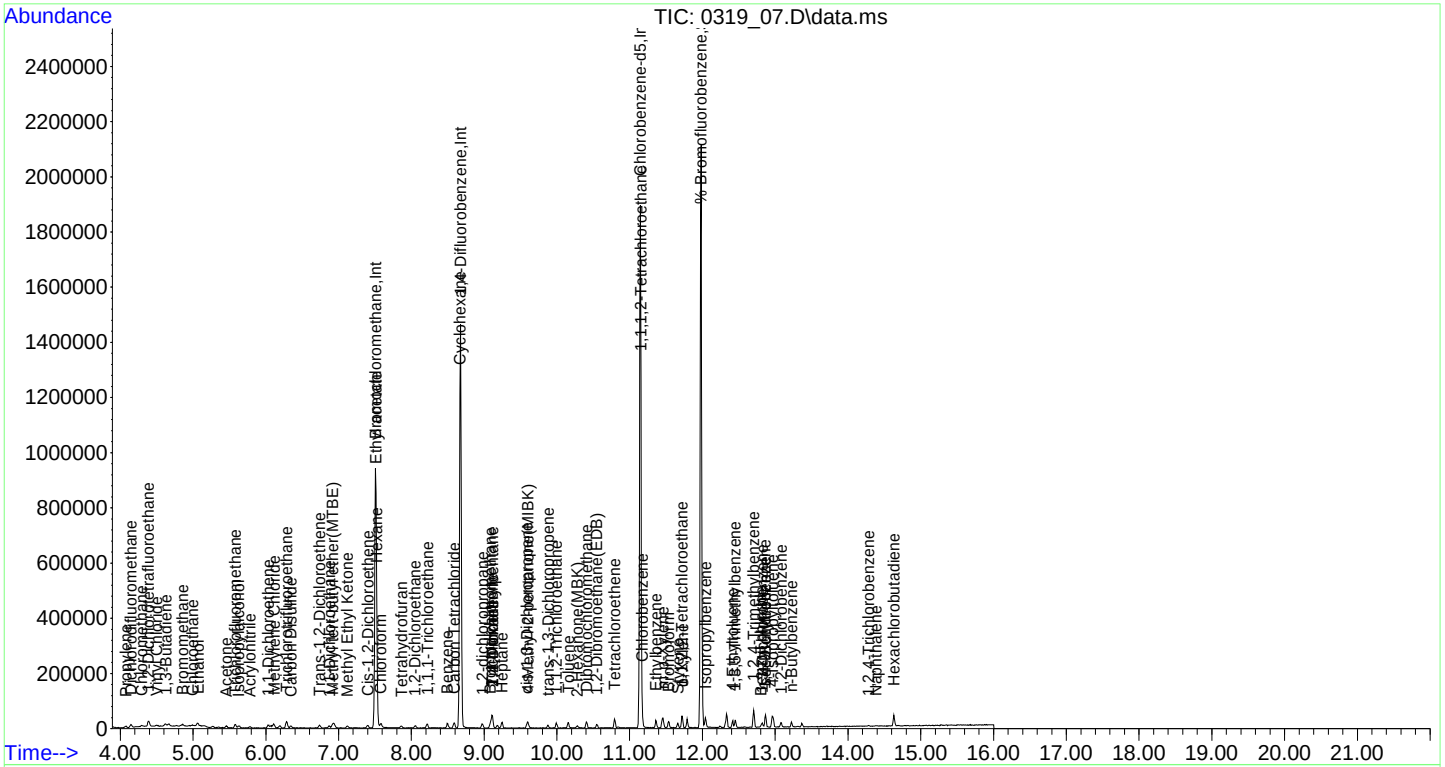
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	20986	0.103	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	15867	0.090	ppbv#	93
112] 1,2-Dichlorobenzene(sim)	13.080	146	7749	0.094	ppbv	97
113] n-Butylbenzene(sim)	13.224	91	9383	0.087	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.277	180	1224	0.248	ppbv	91
116] Hexachlorobutadiene(sim)	14.634	225	9109	0.093	ppbv	98

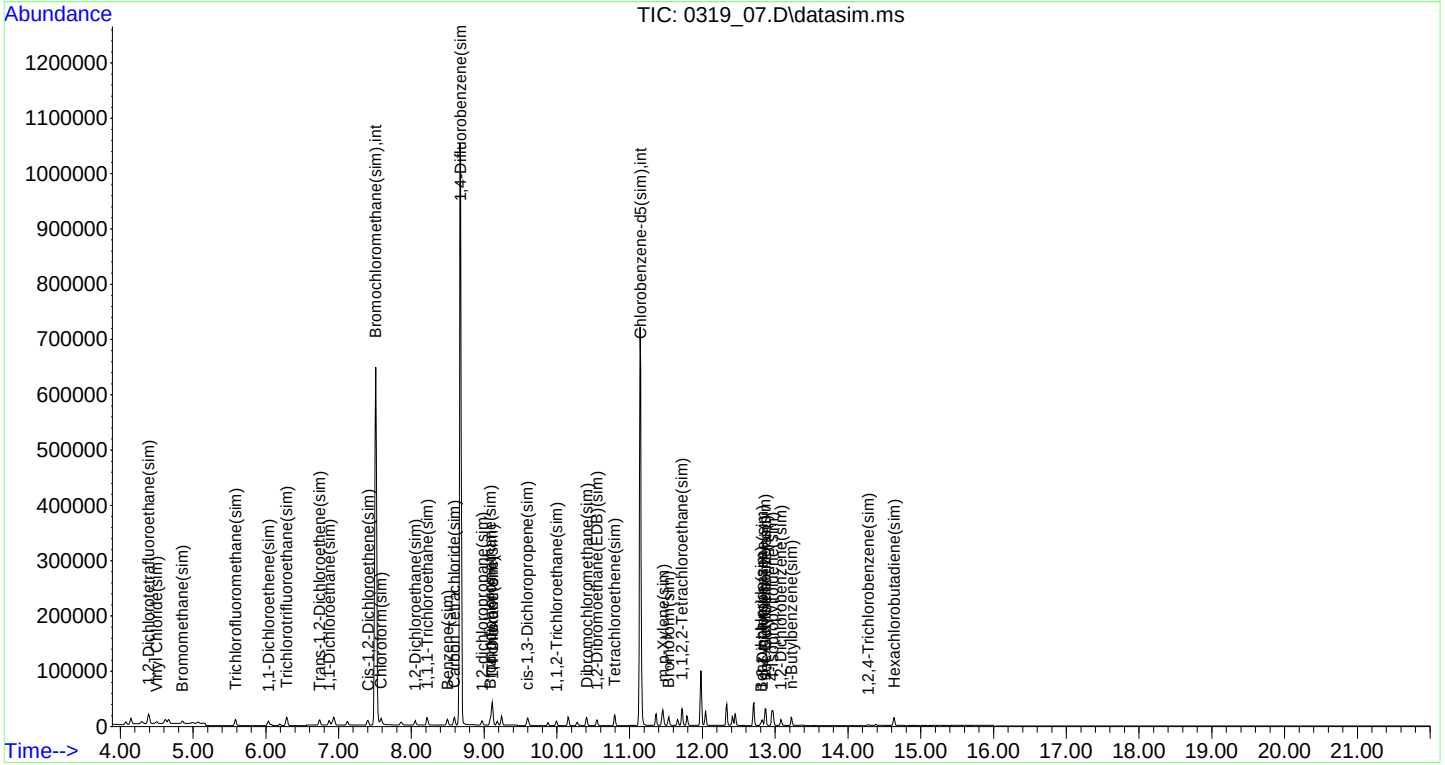
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_07.D
Acq On : 19 Mar 2025 12:56 pm
Operator : Keith
Client ID : ICAL 0.1
Lab ID : 0.10 ppb ; TO1511
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 19 14:03:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_08.D
Acq On : 19 Mar 2025 1:32 pm
Operator : Keith
Client ID : ICAL 0.2
Lab ID : 0.20 ppb ; TO1511
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 13:57:06 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	289864	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	993879	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	463119	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	294579	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	993879	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	463119	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	541027	9.237	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.40%				
Target Compounds							Qvalue
2) Propylene	4.078	41	8561	0.262	ppbv		98
3) Dichlorodifluoromethane	4.145	85	19894	0.213	ppbv#		96
4) Chloromethane	4.302	50	10327	0.246	ppbv		93
5) 1,2-Dichlorotetrafluor...	4.394	85	18475	0.218	ppbv		91
6) Vinyl Chloride	4.501	62	8747	0.234	ppbv		99
7) 1,3-Butadiene	4.626	54	7325	0.234	ppbv#		88
8) Bromomethane	4.858	94	8369	0.251	ppbv		92
9) Chloroethane	4.991	64	3252	0.216	ppbv#		67
11) Ethanol	5.074	45	5470	0.297	ppbv		92
12) Acetone	5.455	43	14386	0.241	ppbv		96
13) Trichlorofluoromethane	5.578	101	21298	0.223	ppbv		97
14) Isopropylalcohol	5.633	45	15733	0.214	ppbv#		80
15) Acrylonitrile	5.778	53	7245	0.243	ppbv		89
16) 1,1-Dichloroethene	6.034	61	13078	0.221	ppbv		93
17) Methylene Chloride	6.112	49	14776	0.280	ppbv		93
20) Carbon Disulfide	6.350	76	19353	0.221	ppbv		99
21) Trichlorotrifluoroethane	6.290	101	15359	0.220	ppbv		99
22) Trans-1,2-Dichloroethene	6.745	61	12118	0.219	ppbv		98
23) 1,1-Dichloroethane	6.866	63	14178	0.217	ppbv		97
24) Methyl tert-butyl ethe...	6.915	73	15845	0.207	ppbv		95
25) Methyl Ethyl Ketone	7.118	43	16577	0.212	ppbv		98
26) Cis-1,2-Dichloroethene	7.402	61	11237	0.217	ppbv		96
27) Hexane	7.523	57	11644	0.213	ppbv		97
28) Chloroform	7.588	83	15668	0.221	ppbv		92
29) Ethyl acetate	7.523	61	2757	0.218	ppbv#		94
30) Tetrahydrofuran	7.856	42	7898	0.210	ppbv		96
31) 1,2-Dichloroethane	8.059	62	11499	0.219	ppbv		93
32) 1,1,1-Trichloroethane	8.221	97	16355	0.218	ppbv		97
33) Benzene	8.502	78	20691	0.219	ppbv		98
34) Carbon Tetrachloride	8.588	117	18333	0.213	ppbv		99
35) Cyclohexane	8.666	84	9892	0.271	ppbv		94
37) 1,2-dichloropropane	8.978	63	9599	0.222	ppbv		96
38) Bromodichloromethane	9.090	83	16930	0.220	ppbv		99
39) Trichloroethene	9.107	130	9874	0.209	ppbv		90
40) 2,2,4-trimethylpentane	9.116	57	37366	0.211	ppbv		95
41) 1,4-Dioxane	9.107	88	3212	0.167	ppbv#		76
43) Heptane	9.246	43	15236	0.214	ppbv#		94
44) cis-1,3-Dichloropropene	9.589	75	12186	0.209	ppbv		93
45) 4-Methyl-2-pentanone(M...	9.603	43	18805	0.206	ppbv		96
46) trans-1,3-Dichloropropene	9.877	75	9410	0.199	ppbv		96
47) 1,1,2-Trichloroethane	9.990	97	9180	0.218	ppbv		96
48) Toluene	10.159	91	22706	0.203	ppbv		95

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_08.D
Acq On : 19 Mar 2025 1:32 pm
Operator : Keith
Client ID : ICAL 0.2
Lab ID : 0.20 ppb ; TO1511
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 13:57:06 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	19102	0.207	ppbv	98
50) 2-Hexanone(MBK)	10.272	43	13080	0.167	ppbv#	89
51) 1,2-Dibromoethane(EDB)	10.546	107	15266	0.215	ppbv	97
52) Tetrachloroethene	10.792	166	16205	0.215	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.155	131	12795	0.228	ppbv	97
55) Chlorobenzene	11.170	112	20546	0.231	ppbv#	62
56) Ethylbenzene	11.359	91	27789	0.208	ppbv	97
57) m,p-Xylene	11.450	91	42282	0.417	ppbv	98
58) Bromoform	11.534	173	20855	0.214	ppbv	98
59) Styrene	11.663	104	13909	0.185	ppbv	95
60) 1,1,2,2-Tetrachloroethane	11.716	83	18418	0.224	ppbv	91
61) o-Xylene	11.723	91	22213	0.207	ppbv	97
64) Isopropylbenzene	12.042	105	33847	0.215	ppbv	97
65) 4-Ethyltoluene	12.416	105	25525	0.176	ppbv	97
66) 1,3,5-Trimethylbenzene	12.455	105	25494	0.200	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.704	105	22046	0.176	ppbv#	93
68) Benzyl chloride	12.805	91	8069	0.083	ppbv	96
69) 1,3-Dichlorobenzene	12.820	146	13848	0.162	ppbv	99
70) 1,4-Dichlorobenzene	12.859	146	10522	0.142	ppbv	96
71) sec-Butylbenzene	12.867	105	37231	0.195	ppbv	97
72) 4-Isopropyltoluene	12.960	119	31823	0.183	ppbv#	91
73) 1,2-Dichlorobenzene	13.077	146	14113	0.172	ppbv	95
74) n-Butylbenzene	13.224	91	19224	0.151	ppbv	95
75) 1,2,4-Trichlorobenzene	14.282	180	2370	0.041	ppbv#	75
76) Naphthalene	14.383	128	4832	0.036	ppbv#	90
77) Hexachlorobutadiene	14.632	225	16441	0.196	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.394	85	18475	0.201	ppbv	91
80] Vinyl Chloride(sim)	4.496	62	8573	0.210	ppbv	98
81] Bromomethane(sim)	4.858	94	8369	0.217	ppbv#	91
82] Trichlorofluoromethane...	5.581	101	21413	0.209	ppbv#	100
83] 1,2-Dichloroethane(sim)	8.059	62	11499	0.206	ppbv	93
84] 1,1,1-Trichloroethane(...	8.216	97	17107	0.213	ppbv#	98
85] Benzene(sim)	8.502	78	20691	0.207	ppbv	98
86] Carbon Tetrachloride(sim)	8.591	117	18662	0.210	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	13078	0.206	ppbv	93
88] Trichlorotrifluoroetha...	6.287	101	16337	0.213	ppbv#	99
89] Trans-1,2-Dichloroethe...	6.745	61	12118	0.203	ppbv	98
90] 1,1-Dichloroethane(sim)	6.869	63	15449	0.213	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	11237	0.205	ppbv	95
92] Chloroform(sim)	7.583	83	16167	0.204	ppbv	99
94] 1,2-dichloropropane(sim)	8.972	63	10014	0.211	ppbv	95
95] Bromodichloromethane(sim)	9.090	83	16930	0.207	ppbv	100
96] Trichloroethene(sim)	9.110	130	10756	0.211	ppbv	94
97] 1,4-Dioxane(sim)	9.107	88	3212	0.170	ppbv#	76
98] cis-1,3-Dichloropropen...	9.592	75	12692	0.208	ppbv	97
99] 1,1,2-Trichloroethane(...	9.990	97	9180	0.209	ppbv	96
100] Dibromochloromethane(sim)	10.408	129	19423	0.212	ppbv	98
101] 1,2-Dibromoethane(EDB)...	10.546	107	15266	0.212	ppbv	97
102] Tetrachloroethene(sim)	10.795	166	16920	0.210	ppbv	93
104] Bromoform(sim)	11.537	173	20488	0.210	ppbv	99
105] m,p-Xylene(sim)	11.450	91	42282	0.404	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.719	83	18815	0.209	ppbv	99
107] Benzyl chloride(sim)	12.805	91	8069	0.163	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.823	146	15409	0.164	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.859	146	10522	0.149	ppbv	96

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_08.D
Acq On : 19 Mar 2025 1:32 pm
Operator : Keith
Client ID : ICAL 0.2
Lab ID : 0.20 ppb ; TO1511
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 13:57:06 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

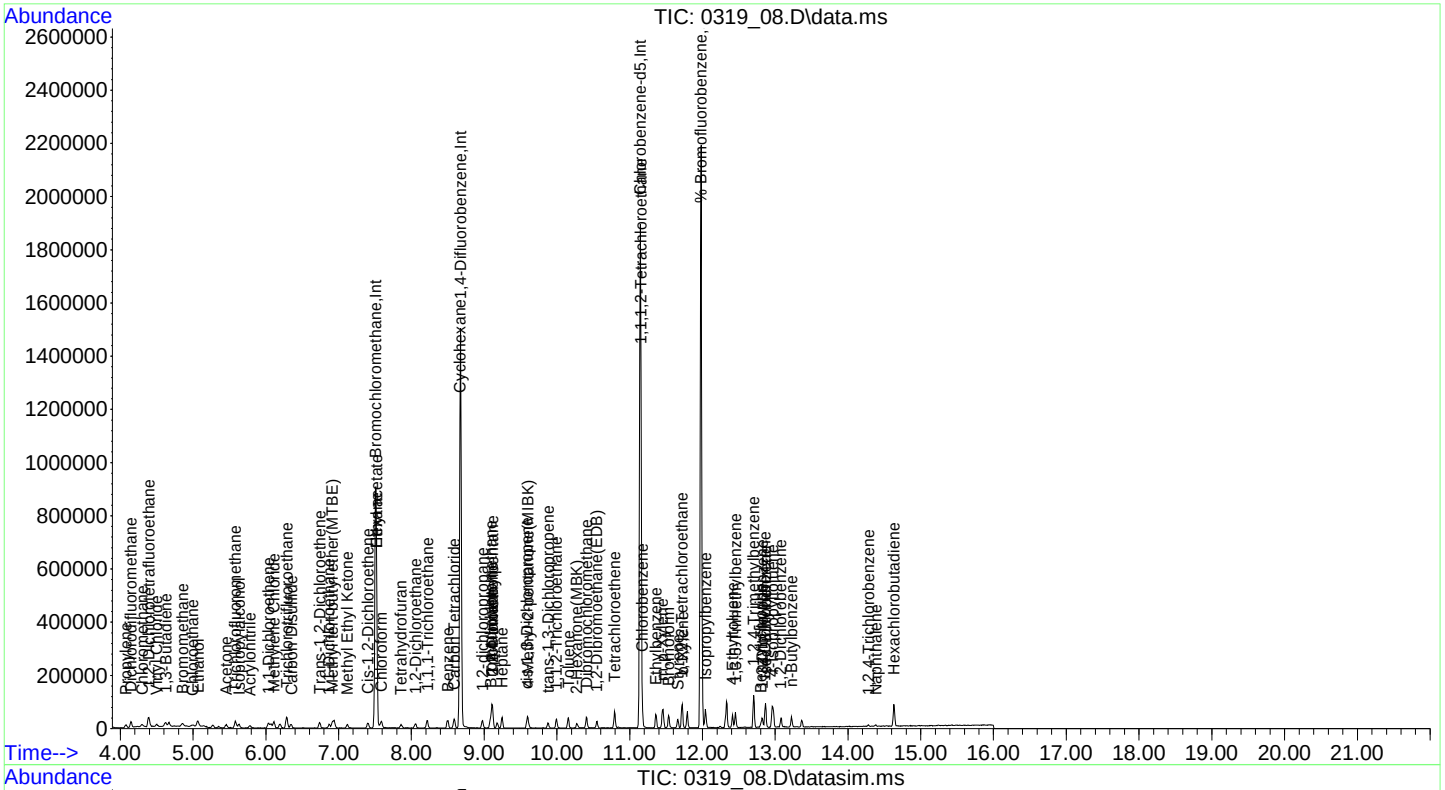
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	41428	0.204	ppbv	97
111] 4-Isopropyltoluene(sim)	12.960	119	31823	0.182	ppbv#	91
112] 1,2-Dichlorobenzene(sim)	13.080	146	15886	0.195	ppbv	99
113] n-Butylbenzene(sim)	13.224	91	19224	0.176	ppbv	95
114] 1,2,4-Trichlorobenzene...	14.277	180	2609	0.311	ppbv	97
116] Hexachlorobutadiene(sim)	14.635	225	18059	0.186	ppbv	97

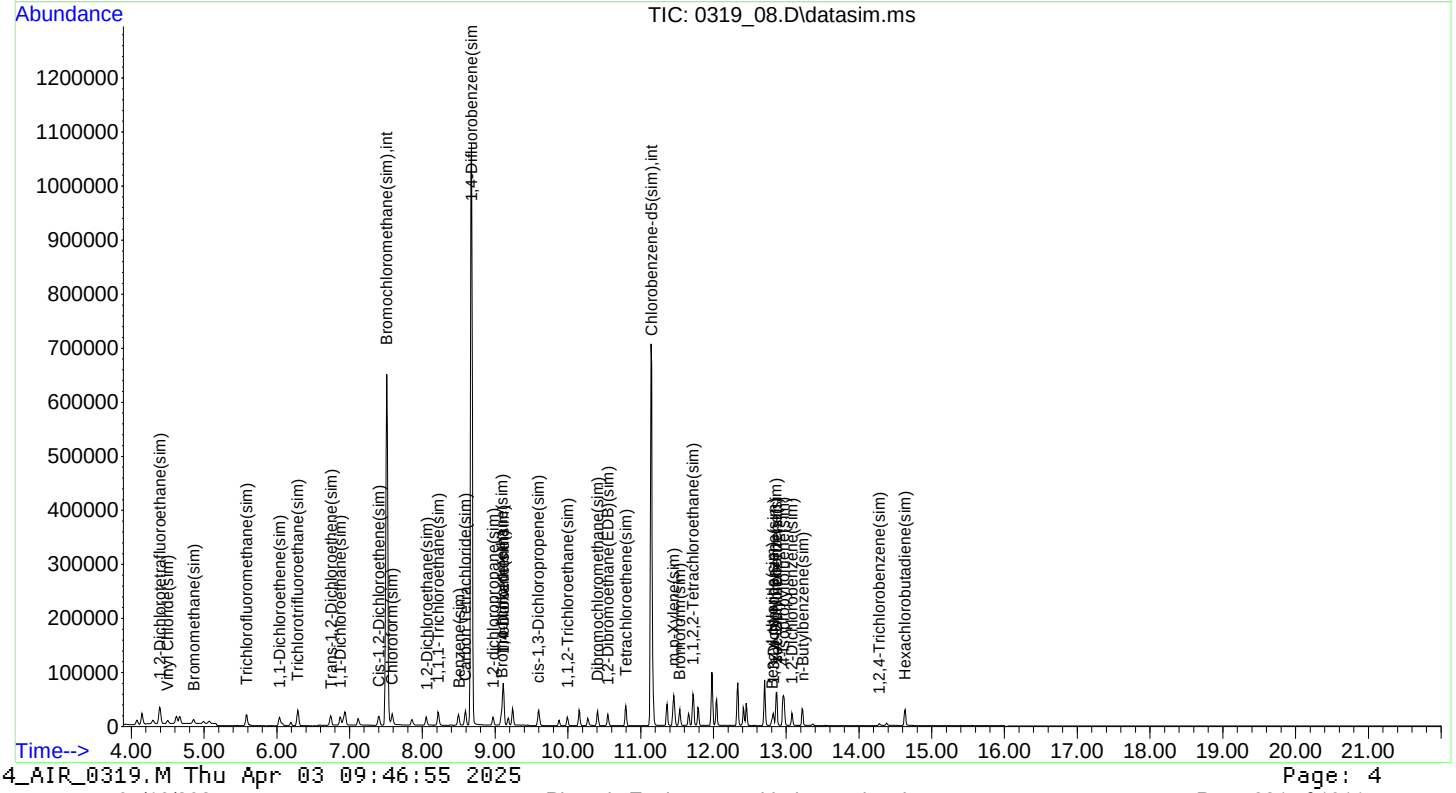
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_08.D
Acq On : 19 Mar 2025 1:32 pm
Operator : Keith
Client ID : ICAL 0.2
Lab ID : 0.20 ppb ; TO1511
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 19 13:57:06 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_09.D
Acq On : 19 Mar 2025 2:09 pm
Operator : Keith
Client ID : ICAL 0.5
Lab ID : 0.50 ppb ; TO1511
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 19 16:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 14:04:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	291769	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	998398	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	465500	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	292982	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	998398	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	465500	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	551218	10.136	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.40%				
Target Compounds							Qvalue
2) Propylene	4.079	41	16269	0.494	ppbv		93
3) Dichlorodifluoromethane	4.145	85	48837	0.521	ppbv		99
4) Chloromethane	4.294	50	23101	0.547	ppbv		93
5) 1,2-Dichlorotetrafluor...	4.394	85	43790	0.514	ppbv		89
6) Vinyl Chloride	4.493	62	20110	0.534	ppbv		97
7) 1,3-Butadiene	4.618	54	16770	0.532	ppbv	#	94
8) Bromomethane	4.850	94	17858	0.532	ppbv		96
9) Chloroethane	4.991	64	7792	0.515	ppbv		89
11) Ethanol	5.074	45	10311	0.556	ppbv	#	93
12) Acetone	5.455	43	31775	0.530	ppbv		96
13) Trichlorofluoromethane	5.584	101	49350	0.514	ppbv		99
14) Isopropylalcohol	5.627	45	36088	0.487	ppbv	#	86
15) Acrylonitrile	5.784	53	15614	0.521	ppbv		93
16) 1,1-Dichloroethene	6.034	61	30085	0.506	ppbv		97
17) Methylene Chloride	6.106	49	29579	0.557	ppbv		96
20) Carbon Disulfide	6.344	76	46618	0.529	ppbv		98
21) Trichlorotrifluoroethane	6.284	101	37783	0.538	ppbv		98
22) Trans-1,2-Dichloroethene	6.737	61	28196	0.507	ppbv		98
23) 1,1-Dichloroethane	6.874	63	33593	0.511	ppbv		95
24) Methyl tert-butyl ethe...	6.907	73	36373	0.471	ppbv		95
25) Methyl Ethyl Ketone	7.118	43	40422	0.512	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	26179	0.502	ppbv		98
27) Hexane	7.523	57	27176	0.493	ppbv		95
28) Chloroform	7.588	83	37015	0.519	ppbv		98
29) Ethyl acetate	7.515	61	6371	0.500	ppbv		98
30) Tetrahydrofuran	7.856	42	18507	0.489	ppbv		99
31) 1,2-Dichloroethane	8.050	62	27075	0.513	ppbv		97
32) 1,1,1-Trichloroethane	8.221	97	38978	0.517	ppbv		95
33) Benzene	8.502	78	46629	0.491	ppbv		99
34) Carbon Tetrachloride	8.588	117	44739	0.516	ppbv		99
35) Cyclohexane	8.666	84	19488	0.531	ppbv		99
37) 1,2-dichloropropane	8.978	63	22941	0.528	ppbv		98
38) Bromodichloromethane	9.090	83	40114	0.519	ppbv		96
39) Trichloroethene	9.107	130	25586	0.539	ppbv		96
40) 2,2,4-trimethylpentane	9.116	57	90039	0.506	ppbv		98
41) 1,4-Dioxane	9.107	88	8149	0.423	ppbv	#	86
43) Heptane	9.246	43	35396	0.495	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	28639	0.489	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.603	43	45714	0.499	ppbv		97
46) trans-1,3-Dichloropropene	9.877	75	21833	0.460	ppbv		97
47) 1,1,2-Trichloroethane	9.997	97	21955	0.519	ppbv		98
48) Toluene	10.159	91	55435	0.494	ppbv		97

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_09.D
Acq On : 19 Mar 2025 2:09 pm
Operator : Keith
Client ID : ICAL 0.5
Lab ID : 0.50 ppb ; TO1511
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 19 16:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 14:04:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.412	129	47440	0.512	ppbv	98
50) 2-Hexanone(MBK)	10.271	43	33139	0.422	ppbv	91
51) 1,2-Dibromoethane(EDB)	10.553	107	35924	0.504	ppbv	99
52) Tetrachloroethene	10.792	166	39203	0.517	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	31854	0.566	ppbv	98
55) Chlorobenzene	11.170	112	48534	0.543	ppbv	86
56) Ethylbenzene	11.359	91	68027	0.507	ppbv	98
57) m,p-Xylene	11.458	91	108508	1.063	ppbv	99
58) Bromoform	11.534	173	52328	0.534	ppbv	99
59) Styrene	11.663	104	35257	0.468	ppbv	94
60) 1,1,2,2-Tetrachloroethane	11.716	83	44279	0.537	ppbv	92
61) o-Xylene	11.723	91	53804	0.500	ppbv	99
64) Isopropylbenzene	12.042	105	85316	0.540	ppbv	98
65) 4-Ethyltoluene	12.416	105	69708	0.478	ppbv	97
66) 1,3,5-Trimethylbenzene	12.455	105	66935	0.521	ppbv	92
67) 1,2,4-Trimethylbenzene	12.703	105	59929	0.477	ppbv	96
68) Benzyl chloride	12.805	91	22087	0.351	ppbv	97
69) 1,3-Dichlorobenzene	12.820	146	38625	0.448	ppbv	99
70) 1,4-Dichlorobenzene	12.859	146	31954	0.431	ppbv	97
71) sec-Butylbenzene	12.867	105	99243	0.517	ppbv	97
72) 4-Isopropyltoluene	12.960	119	86255	0.493	ppbv	95
73) 1,2-Dichlorobenzene	13.077	146	36821	0.446	ppbv	99
74) n-Butylbenzene	13.224	91	54000	0.421	ppbv	98
75) 1,2,4-Trichlorobenzene	14.282	180	7437	0.624	ppbv	95
76) Naphthalene	14.383	128	17383	0.716	ppbv#	98
77) Hexachlorobutadiene	14.632	225	44594	0.528	ppbv	97
79] 1,2-Dichlorotetrafluor...	4.394	85	43790	0.479	ppbv	89
80] Vinyl Chloride(sim)	4.496	62	20376	0.502	ppbv	99
81] Bromomethane(sim)	4.850	94	17858	0.466	ppbv	96
82] Trichlorofluoromethane...	5.581	101	50794	0.498	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	27075	0.488	ppbv	97
84] 1,1,1-Trichloroethane(...	8.215	97	40528	0.507	ppbv#	98
85] Benzene(sim)	8.502	78	46629	0.469	ppbv	99
86] Carbon Tetrachloride(sim)	8.591	117	44521	0.503	ppbv	100
87] 1,1-Dichloroethene(sim)	6.034	61	30085	0.477	ppbv	97
88] Trichlorotrifluoroetha...	6.287	101	38464	0.504	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	28196	0.474	ppbv	98
90] 1,1-Dichloroethane(sim)	6.869	63	36419	0.504	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	26179	0.480	ppbv	98
92] Chloroform(sim)	7.583	83	38413	0.488	ppbv	100
94] 1,2-dichloropropane(sim)	8.972	63	23868	0.500	ppbv	94
95] Bromodichloromethane(sim)	9.090	83	40114	0.488	ppbv	97
96] Trichloroethene(sim)	9.110	130	25599	0.499	ppbv	95
97] 1,4-Dioxane(sim)	9.107	88	8149	0.430	ppbv#	84
98] cis-1,3-Dichloropropen...	9.592	75	30592	0.500	ppbv	98
99] 1,1,2-Trichloroethane(...	9.997	97	21955	0.498	ppbv	98
100] Dibromochloromethane(sim)	10.408	129	46813	0.509	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.553	107	35924	0.497	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	40285	0.497	ppbv	93
104] Bromoform(sim)	11.537	173	50611	0.517	ppbv	99
105] m,p-Xylene(sim)	11.458	91	108508	1.032	ppbv	99
106] 1,1,2,2-Tetrachloroeth...	11.719	83	46209	0.512	ppbv	99
107] Benzyl chloride(sim)	12.805	91	22087	0.428	ppbv	97
108] 1,3-Dichlorobenzene(sim)	12.823	146	44953	0.437	ppbv	96
109] 1,4-Dichlorobenzene(sim)	12.859	146	31954	0.516	ppbv	97

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_09.D
Acq On : 19 Mar 2025 2:09 pm
Operator : Keith
Client ID : ICAL 0.5
Lab ID : 0.50 ppb ; TO1511
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 19 16:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 14:04:38 2025
Response via : Initial Calibration

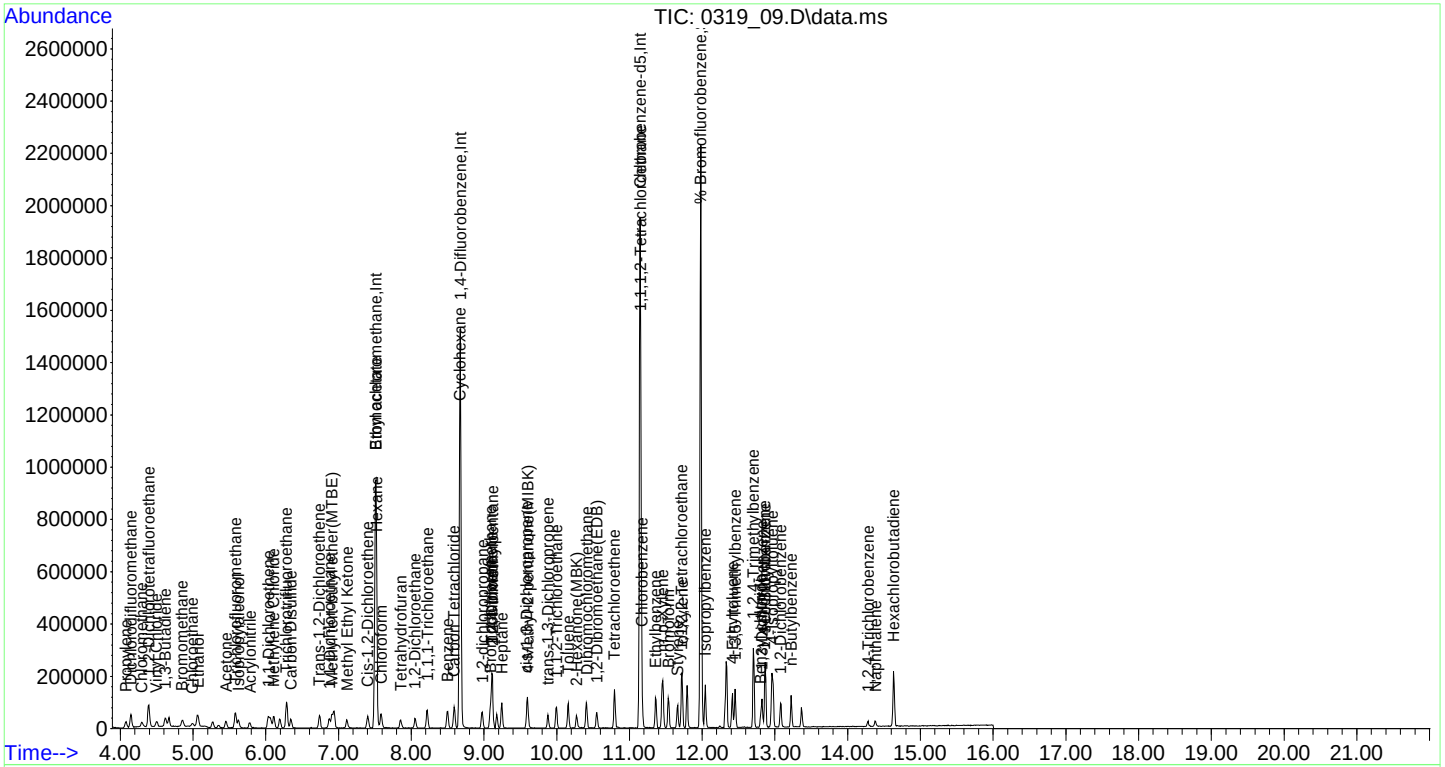
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	108319	0.531	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	86255	0.492	ppbv	95
112] 1,2-Dichlorobenzene(sim)	13.080	146	41951	0.512	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	54000	0.482	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.277	180	8942	0.504	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	44954	0.460	ppbv	98

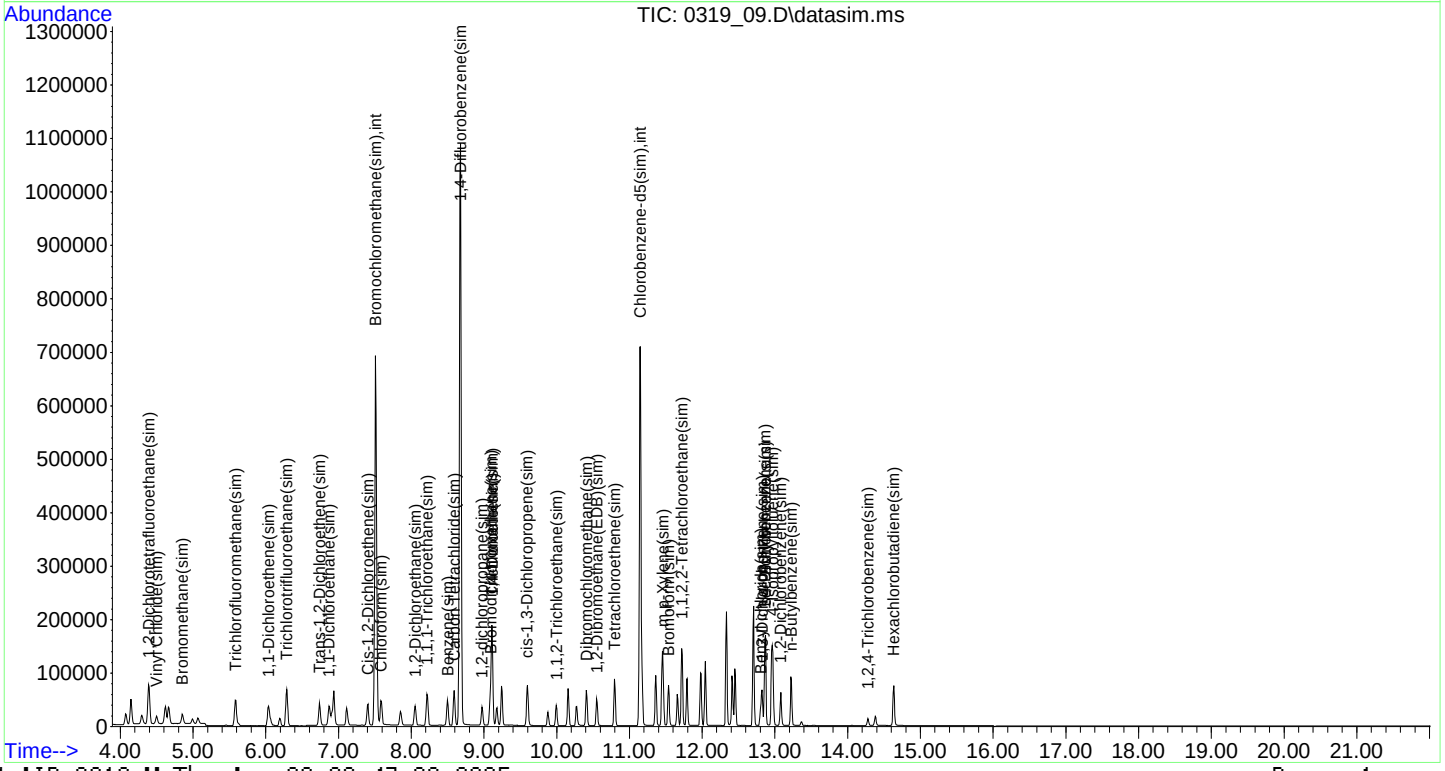
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_09.D
Acq On : 19 Mar 2025 2:09 pm
Operator : Keith
Client ID : ICAL 0.5
Lab ID : 0.50 ppb ; TO1511
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 19 16:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 14:04:38 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 2:48 pm
Operator : Keith
Client ID : ICAL 2.5
Lab ID : 2.5 ppb ; TO1511
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 16:18:10 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:17:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	282948	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	972816	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	457485	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	282371	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	972816	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	457485	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	562196	10.448	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.50%				
Target Compounds							Qvalue
2) Propylene	4.079	41	79508	2.492	ppbv		98
3) Dichlorodifluoromethane	4.145	85	226220	2.487	ppbv		99
4) Chloromethane	4.294	50	100282	2.450	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	205603	2.489	ppbv		88
6) Vinyl Chloride	4.501	62	89430	2.447	ppbv		99
7) 1,3-Butadiene	4.618	54	73915	2.416	ppbv		94
8) Bromomethane	4.858	94	77299	2.376	ppbv		96
9) Chloroethane	4.991	64	36468	2.484	ppbv		99
11) Ethanol	5.065	45	40490	2.253	ppbv		96
12) Acetone	5.443	43	143814	2.472	ppbv		96
13) Trichlorofluoromethane	5.584	101	225419	2.422	ppbv		99
14) Isopropylalcohol	5.615	45	183610	2.555	ppbv		95
15) Acrylonitrile	5.778	53	69193	2.381	ppbv		99
16) 1,1-Dichloroethene	6.034	61	140975	2.446	ppbv		96
17) Methylene Chloride	6.112	49	122004	2.370	ppbv		97
20) Carbon Disulfide	6.344	76	210814	2.465	ppbv		99
21) Trichlorotrifluoroethane	6.284	101	168963	2.483	ppbv		98
22) Trans-1,2-Dichloroethene	6.737	61	128976	2.393	ppbv		96
23) 1,1-Dichloroethane	6.866	63	156537	2.456	ppbv		99
24) Methyl tert-butyl ethe...	6.899	73	180037	2.404	ppbv		97
25) Methyl Ethyl Ketone	7.102	43	189545	2.478	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	124554	2.462	ppbv		95
27) Hexane	7.523	57	129060	2.415	ppbv		95
28) Chloroform	7.588	83	168435	2.434	ppbv		100
29) Ethyl acetate	7.507	61	30834	2.495	ppbv		99
30) Tetrahydrofuran	7.848	42	87982	2.399	ppbv		98
31) 1,2-Dichloroethane	8.050	62	123856	2.418	ppbv		97
32) 1,1,1-Trichloroethane	8.221	97	177266	2.423	ppbv		97
33) Benzene	8.502	78	218186	2.370	ppbv		100
34) Carbon Tetrachloride	8.588	117	205466	2.443	ppbv		99
35) Cyclohexane	8.666	84	79430	2.230	ppbv		93
37) 1,2-dichloropropane	8.978	63	104614	2.470	ppbv		96
38) Bromodichloromethane	9.090	83	186043	2.471	ppbv		99
39) Trichloroethene	9.107	130	117713	2.545	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	440351	2.541	ppbv		98
41) 1,4-Dioxane	9.099	88	47368	2.522	ppbv#		94
43) Heptane	9.246	43	176485	2.535	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	139497	2.445	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.596	43	218237	2.444	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	113088	2.444	ppbv		96
47) 1,1,2-Trichloroethane	9.997	97	103451	2.509	ppbv		99
48) Toluene	10.159	91	270093	2.471	ppbv		98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 2:48 pm
Operator : Keith
Client ID : ICAL 2.5
Lab ID : 2.5 ppb ; TO1511
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 16:18:10 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:17:57 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	222410	2.463	ppbv	99
50)	2-Hexanone(MBK)	10.264	43	176481	2.309	ppbv	95
51)	1,2-Dibromoethane(EDB)	10.553	107	171227	2.463	ppbv	98
52)	Tetrachloroethene	10.792	166	181587	2.460	ppbv	91
54)	1,1,1,2-Tetrachloroethane	11.155	131	144197	2.606	ppbv	99
55)	Chlorobenzene	11.170	112	230363	2.623	ppbv	99
56)	Ethylbenzene	11.359	91	339818	2.578	ppbv	98
57)	m,p-Xylene	11.458	91	545894	5.444	ppbv	99
58)	Bromoform	11.534	173	249375	2.588	ppbv	100
59)	Styrene	11.663	104	194208	2.622	ppbv	98
60)	1,1,2,2-Tetrachloroethane	11.716	83	212159	2.617	ppbv	95
61)	o-Xylene	11.723	91	282820	2.673	ppbv	98
64)	Isopropylbenzene	12.042	105	415798	2.679	ppbv	99
65)	4-Ethyltoluene	12.416	105	385580	2.688	ppbv	98
66)	1,3,5-Trimethylbenzene	12.455	105	340244	2.697	ppbv	93
67)	1,2,4-Trimethylbenzene	12.703	105	334501	2.707	ppbv	98
68)	Benzyl chloride	12.805	91	152865	2.342	ppbv	98
69)	1,3-Dichlorobenzene	12.820	146	221489	2.616	ppbv	98
70)	1,4-Dichlorobenzene	12.859	146	190143	2.607	ppbv	97
71)	sec-Butylbenzene	12.867	105	517218	2.743	ppbv	98
72)	4-Isopropyltoluene	12.960	119	462900	2.694	ppbv	98
73)	1,2-Dichlorobenzene	13.077	146	206545	2.548	ppbv	98
74)	n-Butylbenzene	13.224	91	321943	2.554	ppbv	98
75)	1,2,4-Trichlorobenzene	14.274	180	51819	1.862	ppbv#	93
76)	Naphthalene	14.383	128	120574	1.643	ppbv#	98
77)	Hexachlorobutadiene	14.632	225	210113	2.531	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.385	85	205404	2.332	ppbv	88
80]	Vinyl Chloride(sim)	4.496	62	95166	2.432	ppbv	100
81]	Bromomethane(sim)	4.858	94	77299	2.094	ppbv	96
82]	Trichlorofluoromethane...	5.581	101	234414	2.386	ppbv#	100
83]	1,2-Dichloroethane(sim)	8.050	62	123856	2.315	ppbv	97
84]	1,1,1-Trichloroethane(...	8.215	97	187622	2.433	ppbv#	98
85]	Benzene(sim)	8.502	78	218186	2.277	ppbv	100
86]	Carbon Tetrachloride(sim)	8.591	117	207298	2.430	ppbv	99
87]	1,1-Dichloroethene(sim)	6.034	61	140975	2.319	ppbv	96
88]	Trichlorotrifluoroetha...	6.287	101	175180	2.383	ppbv#	99
89]	Trans-1,2-Dichloroethe...	6.737	61	128976	2.251	ppbv	96
90]	1,1-Dichloroethane(sim)	6.869	63	165890	2.381	ppbv	99
91]	Cis-1,2-Dichloroethene...	7.402	61	124554	2.370	ppbv	95
92]	Chloroform(sim)	7.591	83	175982	2.318	ppbv	99
94]	1,2-dichloropropane(sim)	8.972	63	111703	2.403	ppbv	96
95]	Bromodichloromethane(sim)	9.090	83	186043	2.323	ppbv	100
96]	Trichloroethene(sim)	9.110	130	120273	2.408	ppbv	96
97]	1,4-Dioxane(sim)	9.099	88	47368	2.564	ppbv#	94
98]	cis-1,3-Dichloropropen...	9.592	75	150216	2.518	ppbv	97
99]	1,1,2-Trichloroethane(...	9.997	97	103451	2.409	ppbv	99
100]	Dibromochloromethane(sim)	10.408	129	220942	2.464	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.553	107	171227	2.432	ppbv	98
102]	Tetrachloroethene(sim)	10.795	166	186157	2.358	ppbv	93
104]	Bromoform(sim)	11.537	173	243081	2.528	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	548236	5.304	ppbv	99
106]	1,1,2,2-Tetrachloroeth...	11.719	83	224098	2.524	ppbv	99
107]	Benzyl chloride(sim)	12.805	91	152865	2.175	ppbv	98
108]	1,3-Dichlorobenzene(sim)	12.823	146	254033	1.721	ppbv	96
109]	1,4-Dichlorobenzene(sim)	12.859	146	190143	1.770	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 2:48 pm
Operator : Keith
Client ID : ICAL 2.5
Lab ID : 2.5 ppb ; TO1511
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 16:18:10 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:17:57 2025
Response via : Initial Calibration

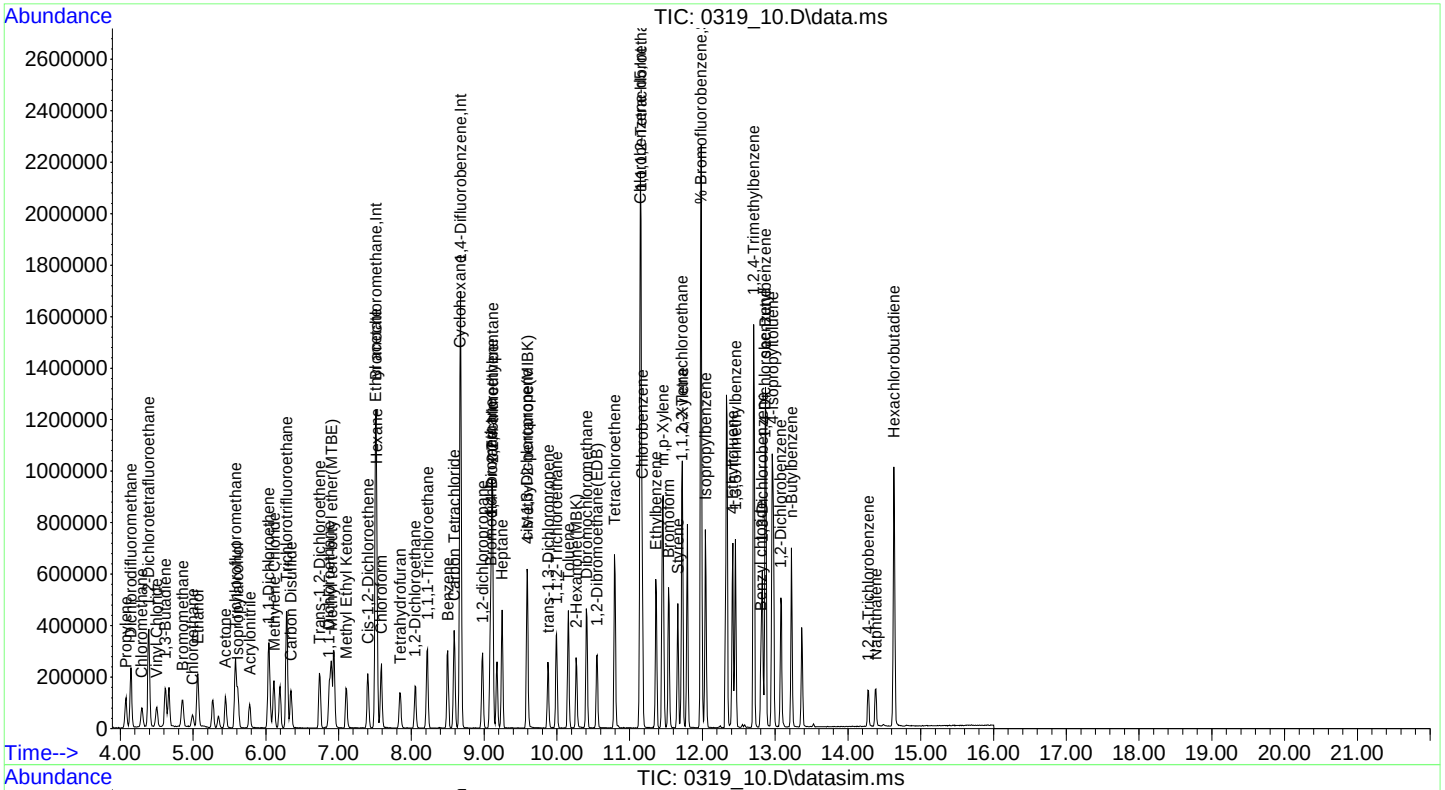
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	560717	2.795 ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	462900	2.685 ppbv	98
112] 1,2-Dichlorobenzene(sim)	13.080	146	227191	2.820 ppbv	98
113] n-Butylbenzene(sim)	13.224	91	321943	1.977 ppbv	98
114] 1,2,4-Trichlorobenzene...	14.277	180	56078	1.614 ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	218043	2.270 ppbv	98

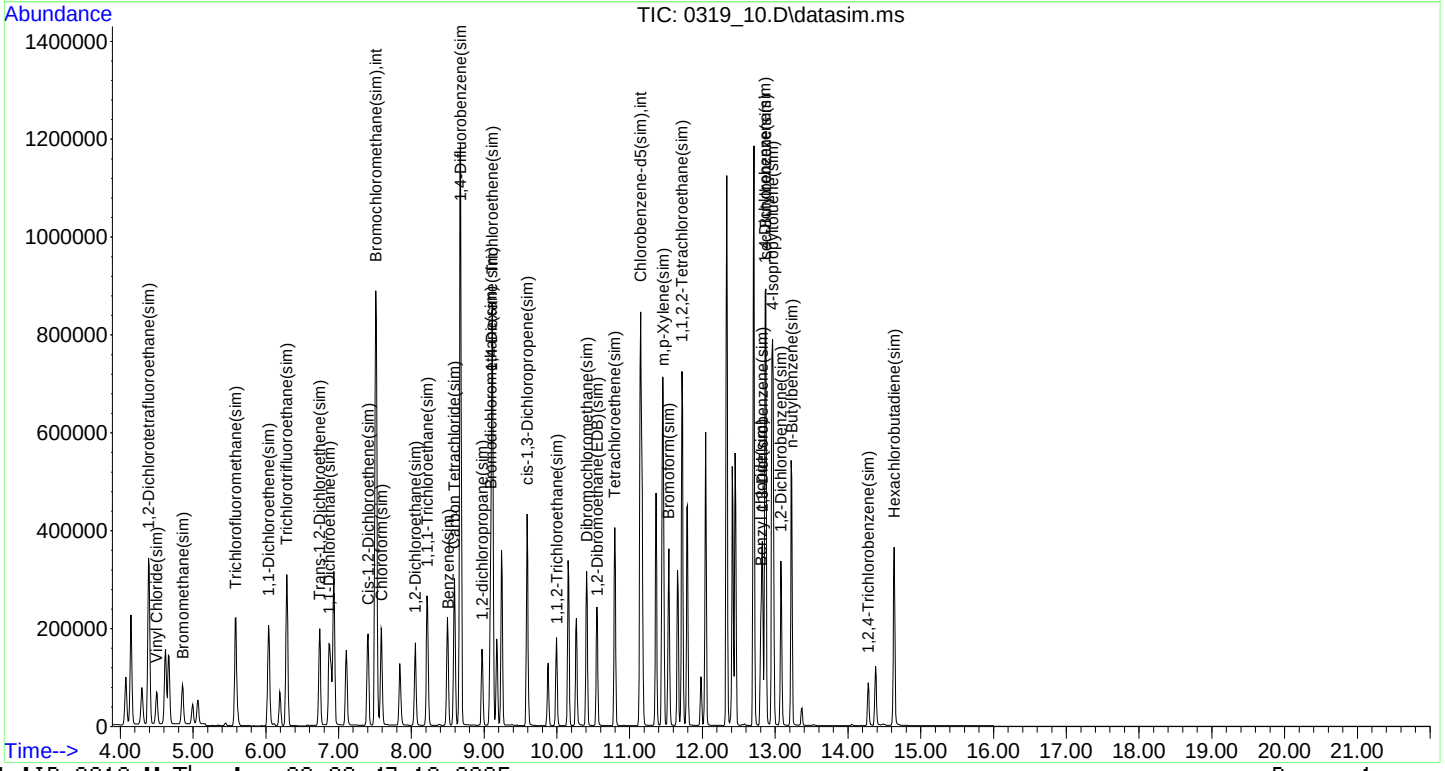
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 2:48 pm
Operator : Keith
Client ID : ICAL 2.5
Lab ID : 2.5 ppb ; TO1511
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 16:18:10 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:17:57 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_11.D
Acq On : 19 Mar 2025 3:21 pm
Operator : Keith
Client ID : ICAL 5
Lab ID : 5.0 ppb ; TO1511
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 16:19:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	279196	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	975614	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	474277	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	281762	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	975614	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	474277	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	597606	10.555	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.60%				
Target Compounds							Qvalue
2) Propylene	4.079	41	147602	4.688	ppbv		98
3) Dichlorodifluoromethane	4.145	85	443242	4.938	ppbv		99
4) Chloromethane	4.294	50	194539	4.817	ppbv		100
5) 1,2-Dichlorotetrafluor...	4.385	85	398110	4.885	ppbv		88
6) Vinyl Chloride	4.501	62	172249	4.777	ppbv		100
7) 1,3-Butadiene	4.618	54	145971	4.836	ppbv		93
8) Bromomethane	4.850	94	148042	4.612	ppbv		97
9) Chloroethane	4.991	64	69044	4.766	ppbv		97
11) Ethanol	5.065	45	83508	4.709	ppbv		95
12) Acetone	5.443	43	270690	4.715	ppbv		97
13) Trichlorofluoromethane	5.578	101	443672	4.832	ppbv		99
14) Isopropylalcohol	5.609	45	359761	5.073	ppbv#		92
15) Acrylonitrile	5.778	53	133458	4.654	ppbv		97
16) 1,1-Dichloroethene	6.034	61	279131	4.907	ppbv		96
17) Methylene Chloride	6.112	49	233527	4.596	ppbv		97
20) Carbon Disulfide	6.344	76	406517	4.818	ppbv		98
21) Trichlorotrifluoroethane	6.284	101	327881	4.883	ppbv		99
22) Trans-1,2-Dichloroethene	6.737	61	258786	4.866	ppbv		96
23) 1,1-Dichloroethane	6.874	63	307934	4.896	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	351207	4.753	ppbv		98
25) Methyl Ethyl Ketone	7.102	43	352017	4.663	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	241629	4.839	ppbv		97
27) Hexane	7.523	57	263022	4.988	ppbv		100
28) Chloroform	7.588	83	328209	4.806	ppbv		99
29) Ethyl acetate	7.499	61	58286	4.781	ppbv		97
30) Tetrahydrofuran	7.840	42	176134	4.868	ppbv		99
31) 1,2-Dichloroethane	8.050	62	242477	4.798	ppbv		98
32) 1,1,1-Trichloroethane	8.213	97	345652	4.787	ppbv		98
33) Benzene	8.493	78	423918	4.666	ppbv		99
34) Carbon Tetrachloride	8.588	117	400043	4.820	ppbv		100
35) Cyclohexane	8.666	84	161495	4.596	ppbv		92
37) 1,2-dichloropropane	8.978	63	204068	4.803	ppbv		96
38) Bromodichloromethane	9.081	83	361981	4.794	ppbv		98
39) Trichloroethene	9.107	130	224745	4.844	ppbv		97
40) 2,2,4-trimethylpentane	9.116	57	869539	5.004	ppbv		99
41) 1,4-Dioxane	9.090	88	100141	5.317	ppbv		98
43) Heptane	9.246	43	342039	4.899	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	278662	4.870	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.589	43	452273	5.051	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	223229	4.811	ppbv		95
47) 1,1,2-Trichloroethane	9.990	97	198399	4.798	ppbv		97
48) Toluene	10.159	91	534731	4.877	ppbv		98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_11.D
Acq On : 19 Mar 2025 3:21 pm
Operator : Keith
Client ID : ICAL 5
Lab ID : 5.0 ppb ; TO1511
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 16:19:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	433796	4.791	ppbv	99
50) 2-Hexanone(MBK)	10.264	43	408556	5.329	ppbv	96
51) 1,2-Dibromoethane(EDB)	10.546	107	332627	4.771	ppbv	99
52) Tetrachloroethene	10.792	166	353243	4.771	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	277540	4.838	ppbv	99
55) Chlorobenzene	11.170	112	450581	4.950	ppbv	99
56) Ethylbenzene	11.359	91	675988	4.947	ppbv	99
57) m,p-Xylene	11.458	91	1076140	10.352	ppbv	98
58) Bromoform	11.534	173	494954	4.955	ppbv	100
59) Styrene	11.663	104	393085	5.119	ppbv	96
60) 1,1,2,2-Tetrachloroethane	11.716	83	426763	5.078	ppbv	94
61) o-Xylene	11.723	91	552050	5.033	ppbv	97
64) Isopropylbenzene	12.042	105	794308	4.937	ppbv	98
65) 4-Ethyltoluene	12.416	105	802016	5.393	ppbv	98
66) 1,3,5-Trimethylbenzene	12.455	105	673119	5.146	ppbv	93
67) 1,2,4-Trimethylbenzene	12.703	105	686857	5.362	ppbv	99
68) Benzyl chloride	12.805	91	388257	4.657	ppbv	99
69) 1,3-Dichlorobenzene	12.820	146	476086	5.424	ppbv	100
70) 1,4-Dichlorobenzene	12.859	146	399024	5.276	ppbv	97
71) sec-Butylbenzene	12.867	105	1010151	5.167	ppbv	98
72) 4-Isopropyltoluene	12.952	119	932080	5.232	ppbv	98
73) 1,2-Dichlorobenzene	13.077	146	447346	5.322	ppbv	99
74) n-Butylbenzene	13.224	91	722797	5.532	ppbv	98
75) 1,2,4-Trichlorobenzene	14.274	180	183715	5.711	ppbv	98
76) Naphthalene	14.375	128	413788	5.566	ppbv#	98
77) Hexachlorobutadiene	14.632	225	451096	5.242	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.385	85	397437	4.523	ppbv	88
80] Vinyl Chloride(sim)	4.496	62	183648	4.703	ppbv	99
81] Bromomethane(sim)	4.850	94	148042	4.020	ppbv	97
82] Trichlorofluoromethane...	5.581	101	454113	4.633	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	242477	4.542	ppbv	98
84] 1,1,1-Trichloroethane(...	8.215	97	365921	4.756	ppbv#	99
85] Benzene(sim)	8.493	78	423918	4.434	ppbv	99
86] Carbon Tetrachloride(sim)	8.591	117	406337	4.773	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	279131	4.601	ppbv	96
88] Trichlorotrifluoroetha...	6.287	101	339199	4.625	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	258786	4.526	ppbv	96
90] 1,1-Dichloroethane(sim)	6.869	63	325610	4.683	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	241629	4.607	ppbv	97
92] Chloroform(sim)	7.583	83	343256	4.531	ppbv	99
94] 1,2-dichloropropane(sim)	8.972	63	216090	4.636	ppbv	96
95] Bromodichloromethane(sim)	9.081	83	361981	4.507	ppbv	99
96] Trichloroethene(sim)	9.110	130	234709	4.686	ppbv	95
97] 1,4-Dioxane(sim)	9.090	88	100141	5.406	ppbv	98
98] cis-1,3-Dichloropropen...	9.592	75	299164	5.000	ppbv	97
99] 1,1,2-Trichloroethane(...	9.990	97	198246	4.604	ppbv	97
100] Dibromochloromethane(sim)	10.408	129	435340	4.840	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.546	107	332627	4.711	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	364169	4.600	ppbv	93
104] Bromoform(sim)	11.537	173	482729	4.842	ppbv	99
105] m,p-Xylene(sim)	11.458	91	1079345	10.073	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.719	83	445185	4.837	ppbv	100
107] Benzyl chloride(sim)	12.805	91	388257	4.646	ppbv	99
108] 1,3-Dichlorobenzene(sim)	12.823	146	506974	4.238	ppbv	98
109] 1,4-Dichlorobenzene(sim)	12.859	146	399024	4.294	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_11.D
Acq On : 19 Mar 2025 3:21 pm
Operator : Keith
Client ID : ICAL 5
Lab ID : 5.0 ppb ; TO1511
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 16:19:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:12 2025
Response via : Initial Calibration

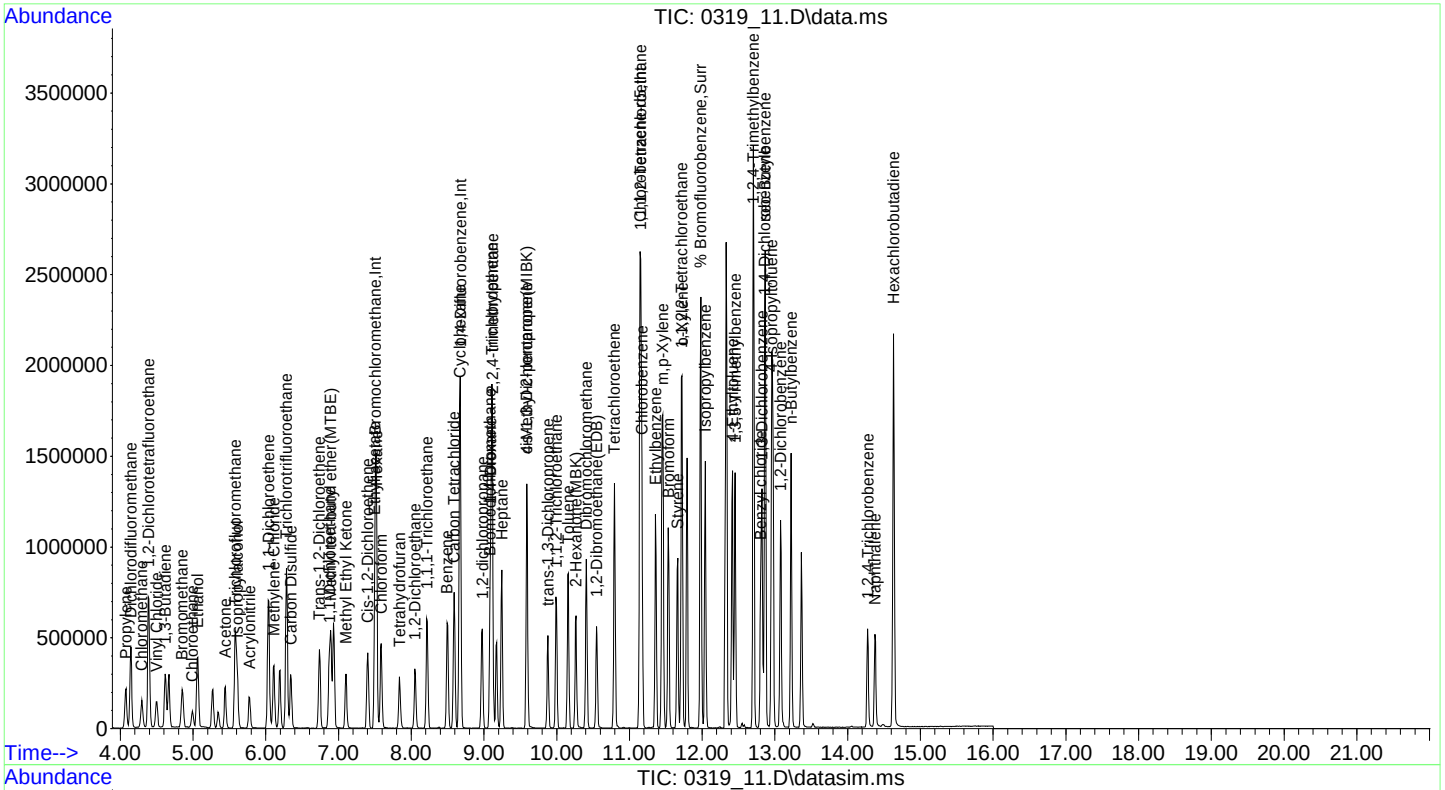
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	1097049	5.275	ppbv	98
111] 4-Isopropyltoluene(sim)	12.952	119	932966	5.220	ppbv	98
112] 1,2-Dichlorobenzene(sim)	13.080	146	498045	5.964	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	722797	4.540	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.277	180	205047	3.278	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	468782	4.708	ppbv	98

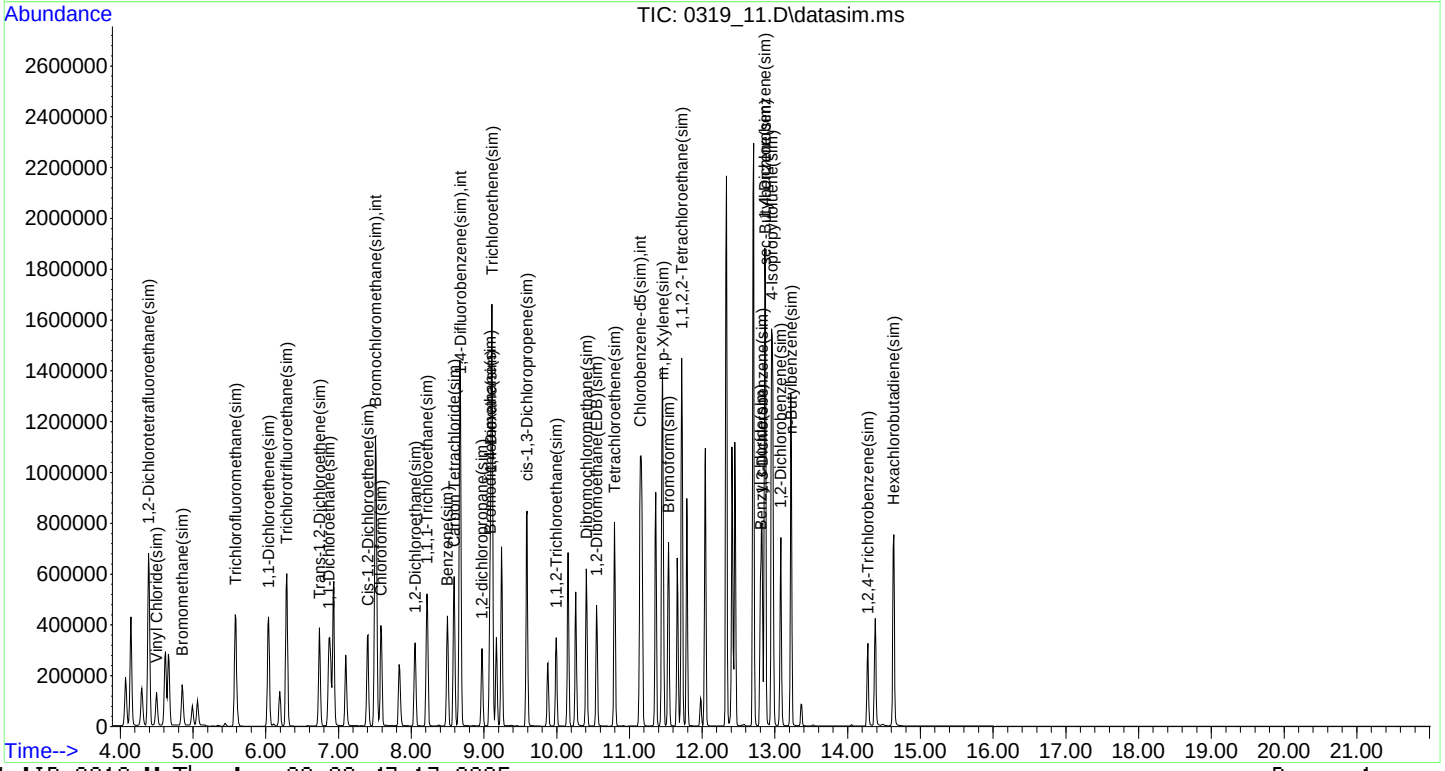
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_11.D
Acq On : 19 Mar 2025 3:21 pm
Operator : Keith
Client ID : ICAL 5
Lab ID : 5.0 ppb ; TO1511
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 16:19:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:12 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_12.D
Acq On : 19 Mar 2025 3:59 pm
Operator : Keith
Client ID : ICAL 25
Lab ID : 25 ppb ; TO1511
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 19 16:29:22 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	266174	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	943661	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	526299	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	266178	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	943661	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	526601	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	611676	9.603	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.00%				
Target Compounds							Qvalue
2) Propylene	4.079	41	712998	23.753	ppbv		98
3) Dichlorodifluoromethane	4.145	85	2101765	24.558	ppbv		98
4) Chloromethane	4.294	50	882703	22.928	ppbv		100
5) 1,2-Dichlorotetrafluor...	4.385	85	1837752	23.654	ppbv		89
6) Vinyl Chloride	4.501	62	810172	23.569	ppbv		98
7) 1,3-Butadiene	4.617	54	684974	23.804	ppbv		94
8) Bromomethane	4.850	94	695344	22.722	ppbv		98
9) Chloroethane	4.991	64	330278	23.912	ppbv		96
11) Ethanol	5.065	45	378079	22.361	ppbv		95
12) Acetone	5.437	43	1319189	24.104	ppbv		98
13) Trichlorofluoromethane	5.578	101	2078314	23.742	ppbv		99
14) Isopropylalcohol	5.602	45	1669932	24.699	ppbv		97
15) Acrylonitrile	5.772	53	665693	24.351	ppbv		97
16) 1,1-Dichloroethene	6.034	61	1338621	24.685	ppbv		95
17) Methylene Chloride	6.112	49	1073412	22.161	ppbv		98
20) Carbon Disulfide	6.344	76	1931982	24.016	ppbv		100
21) Trichlorotrifluoroethane	6.284	101	1516388	23.690	ppbv		99
22) Trans-1,2-Dichloroethene	6.737	61	1256172	24.775	ppbv		96
23) 1,1-Dichloroethane	6.874	63	1469377	24.504	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	1826677	25.928	ppbv		96
25) Methyl Ethyl Ketone	7.102	43	1834761	25.495	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	1188529	24.969	ppbv		96
27) Hexane	7.523	57	1294956	25.758	ppbv		98
28) Chloroform	7.588	83	1569818	24.110	ppbv		100
29) Ethyl acetate	7.499	61	294469	25.334	ppbv		97
30) Tetrahydrofuran	7.831	42	903892	26.203	ppbv		98
31) 1,2-Dichloroethane	8.050	62	1191389	24.729	ppbv		98
32) 1,1,1-Trichloroethane	8.221	97	1668935	24.246	ppbv		98
33) Benzene	8.502	78	2083098	24.051	ppbv		99
34) Carbon Tetrachloride	8.588	117	1949716	24.641	ppbv		99
35) Cyclohexane	8.666	84	785812	23.457	ppbv		90
37) 1,2-dichloropropane	8.978	63	1003541	24.422	ppbv		95
38) Bromodichloromethane	9.090	83	1801350	24.663	ppbv		98
39) Trichloroethene	9.107	130	1070513	23.857	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	4169874	24.808	ppbv		99
41) 1,4-Dioxane	9.090	88	476131	26.135	ppbv		97
43) Heptane	9.246	43	1708433	25.301	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	1440551	26.026	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.589	43	2253941	26.025	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	1192186	26.566	ppbv		95
47) 1,1,2-Trichloroethane	9.997	97	974603	24.370	ppbv		98
48) Toluene	10.159	91	2706919	25.525	ppbv		98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_12.D
Acq On : 19 Mar 2025 3:59 pm
Operator : Keith
Client ID : ICAL 25
Lab ID : 25 ppb ; TO1511
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 19 16:29:22 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:37 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	2186010	24.959	ppbv	98
50)	2-Hexanone(MBK)	10.257	43	2139598	28.853	ppbv	97
51)	1,2-Dibromoethane(EDB)	10.553	107	1686061	25.003	ppbv	99
52)	Tetrachloroethene	10.792	166	1741403	24.317	ppbv	93
54)	1,1,1,2-Tetrachloroethane	11.155	131	1390150	21.835	ppbv	99
55)	Chlorobenzene	11.170	112	2227406	22.049	ppbv	98
56)	Ethylbenzene	11.359	91	3529881	23.279	ppbv	98
57)	m,p-Xylene	11.458	91	5495377	47.636	ppbv	98
58)	Bromoform	11.541	173	2585476	23.326	ppbv	99
59)	Styrene	11.663	104	2142778	25.146	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.716	83	2116793	22.699	ppbv	95
61)	o-Xylene	11.723	91	2791422	22.933	ppbv	97
64)	Isopropylbenzene	12.042	105	4038414	22.621	ppbv	98
65)	4-Ethyltoluene	12.416	105	3997406	24.224	ppbv	97
66)	1,3,5-Trimethylbenzene	12.455	105	3434013	23.659	ppbv	93
67)	1,2,4-Trimethylbenzene	12.703	105	3496636	24.597	ppbv	98
68)	Benzyl chloride	12.804	91	2607798	16.256	ppbv	99
69)	1,3-Dichlorobenzene	12.828	146	2556885	26.250	ppbv	99
70)	1,4-Dichlorobenzene	12.859	146	2323675	27.689	ppbv	98
71)	sec-Butylbenzene	12.867	105	4989217	22.996	ppbv	98
72)	4-Isopropyltoluene	12.960	119	4645017	23.498	ppbv	97
73)	1,2-Dichlorobenzene	13.084	146	2418851	25.935	ppbv	99
74)	n-Butylbenzene	13.224	91	4001882	27.599	ppbv	96
75)	1,2,4-Trichlorobenzene	14.274	180	1515787	14.604	ppbv	97
76)	Naphthalene	14.383	128	3057708	13.974	ppbv#	98
77)	Hexachlorobutadiene	14.632	225	2168118	22.704	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.385	85	1833510	22.086	ppbv	89
80]	Vinyl Chloride(sim)	4.496	62	858136	23.260	ppbv	99
81]	Bromomethane(sim)	4.850	94	695344	19.986	ppbv	97
82]	Trichlorofluoromethane...	5.581	101	2133449	23.041	ppbv#	99
83]	1,2-Dichloroethane(sim)	8.050	62	1191389	23.625	ppbv	98
84]	1,1,1-Trichloroethane(...	8.215	97	1772345	24.383	ppbv#	99
85]	Benzene(sim)	8.502	78	2083098	23.065	ppbv	99
86]	Carbon Tetrachloride(sim)	8.591	117	1955973	24.320	ppbv	99
87]	1,1-Dichloroethene(sim)	6.034	61	1338621	23.359	ppbv	95
88]	Trichlorotrifluoroetha...	6.287	101	1556944	22.471	ppbv#	98
89]	Trans-1,2-Dichloroethe...	6.737	61	1256172	23.257	ppbv	96
90]	1,1-Dichloroethane(sim)	6.869	63	1565043	23.825	ppbv	99
91]	Cis-1,2-Dichloroethene...	7.402	61	1188529	23.990	ppbv	96
92]	Chloroform(sim)	7.591	83	1650188	23.057	ppbv	99
94]	1,2-dichloropropane(sim)	8.972	63	1070891	23.751	ppbv	97
95]	Bromodichloromethane(sim)	9.090	83	1801350	23.189	ppbv	99
96]	Trichloroethene(sim)	9.110	130	1102370	22.755	ppbv	95
97]	1,4-Dioxane(sim)	9.090	88	476131	26.572	ppbv	97
98]	cis-1,3-Dichloropropen...	9.592	75	1539167	26.597	ppbv	97
99]	1,1,2-Trichloroethane(...	9.997	97	974603	23.401	ppbv	98
100]	Dibromochloromethane(sim)	10.408	129	2181340	25.075	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.553	107	1686061	24.688	ppbv	99
102]	Tetrachloroethene(sim)	10.795	166	1763290	23.029	ppbv	93
104]	Bromoform(sim)	11.537	173	2509431	22.669	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	5502365	46.251	ppbv	98
106]	1,1,2,2-Tetrachloroeth...	11.719	83	2191171	21.443	ppbv	99
107]	Benzyl chloride(sim)	12.804	91	2607798	13.825	ppbv	99
108]	1,3-Dichlorobenzene(sim)	12.823	146	2874339	13.323	ppbv	98
109]	1,4-Dichlorobenzene(sim)	12.859	146	2323675	12.992	ppbv	98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_12.D
Acq On : 19 Mar 2025 3:59 pm
Operator : Keith
Client ID : ICAL 25
Lab ID : 25 ppb ; TO1511
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 19 16:29:22 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:37 2025
Response via : Initial Calibration

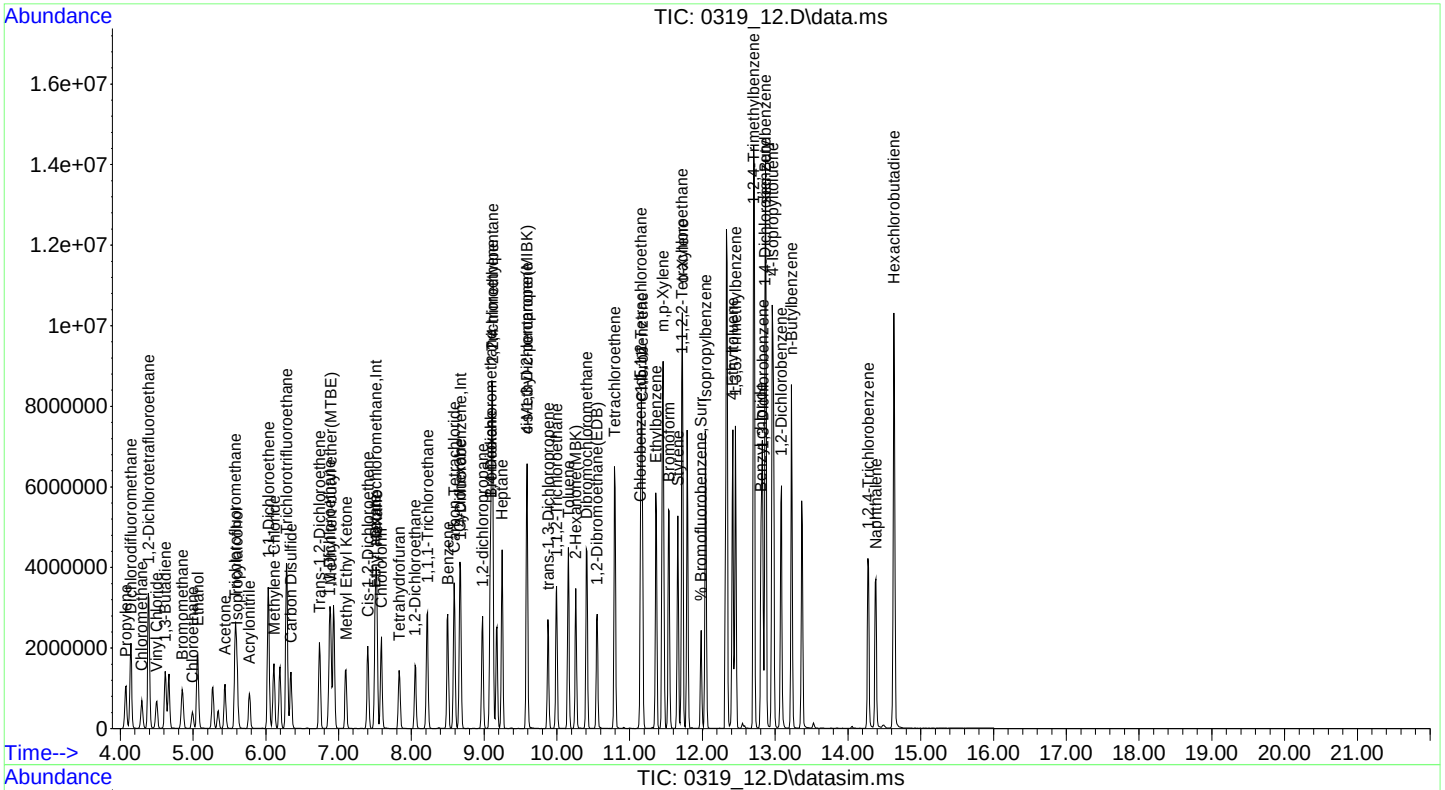
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	5298057	22.942	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	4646515	23.417	ppbv	96
112] 1,2-Dichlorobenzene(sim)	13.080	146	2645991	28.537	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	4001882	13.343	ppbv	96
114] 1,2,4-Trichlorobenzene...	14.277	180	1662020	9.368	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	2170953	19.636	ppbv	98

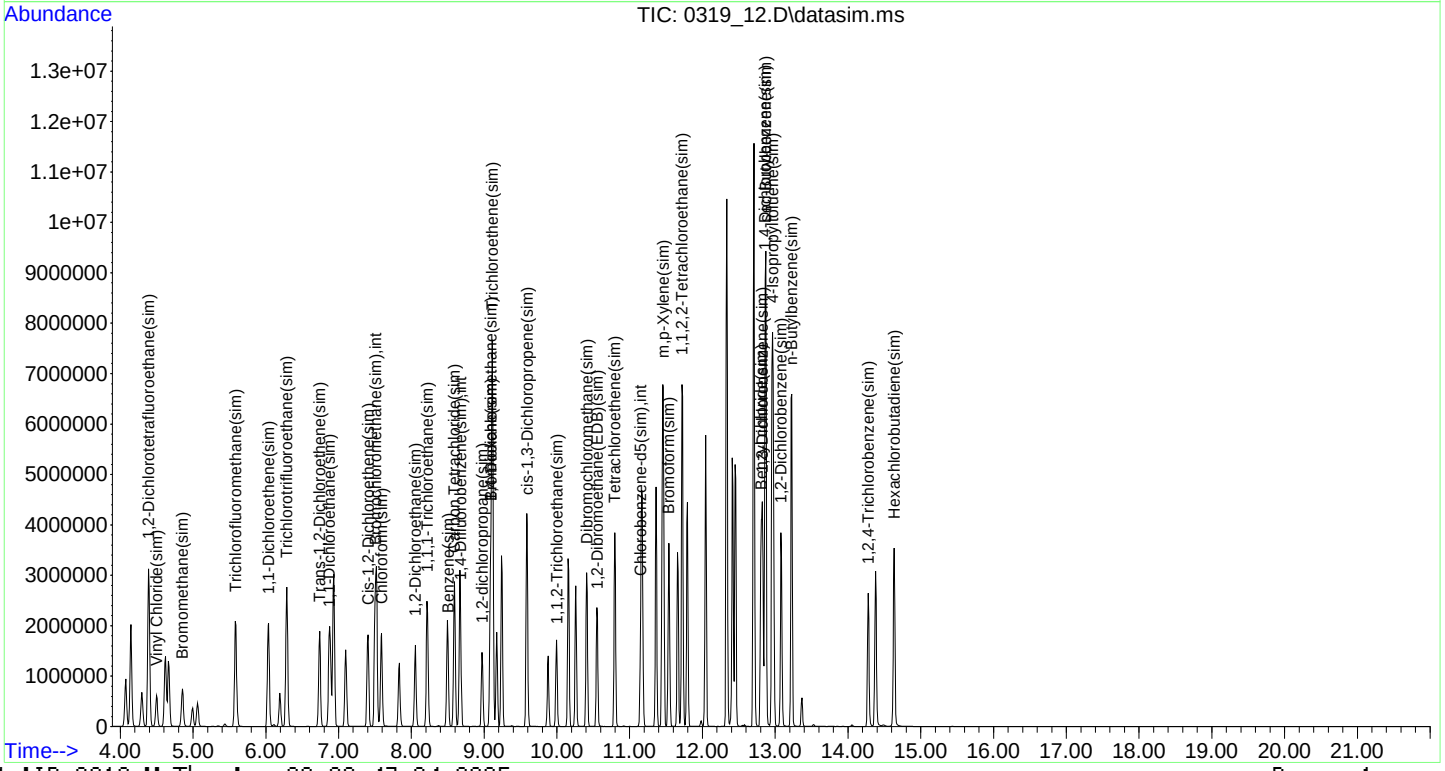
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_12.D
Acq On : 19 Mar 2025 3:59 pm
Operator : Keith
Client ID : ICAL 25
Lab ID : 25 ppb ; TO1511
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 19 16:29:22 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:19:37 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_13.D
Acq On : 19 Mar 2025 4:41 pm
Operator : Keith
Client ID : ICAL 40
Lab ID : 40 ppb ; TO1511
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 17:32:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:30:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	252422	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	907214	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	549548	10.000	ng		0.00
78) Bromochloromethane(sim)	7.518	130	254336	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	907214	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	549682	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	609696	9.240	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.40%				
Target Compounds							Qvalue
2) Propylene	4.079	41	1106243	38.862	ppbv		98
3) Dichlorodifluoromethane	4.145	85	3100747	38.205	ppbv		98
4) Chloromethane	4.294	50	1358334	37.205	ppbv		100
5) 1,2-Dichlorotetrafluor...	4.385	85	2869896	38.951	ppbv		89
6) Vinyl Chloride	4.501	62	1249244	38.323	ppbv		99
7) 1,3-Butadiene	4.618	54	1056243	38.706	ppbv		94
8) Bromomethane	4.850	94	1093123	37.666	ppbv		98
9) Chloroethane	4.991	64	514928	39.311	ppbv		97
11) Ethanol	5.065	45	546039	34.053	ppbv#		95
12) Acetone	5.437	43	2012994	38.785	ppbv		99
13) Trichlorofluoromethane	5.584	101	3395376	40.900	ppbv		99
14) Isopropylalcohol	5.609	45	2358427	36.782	ppbv		96
15) Acrylonitrile	5.778	53	1024454	39.517	ppbv		96
16) 1,1-Dichloroethene	6.034	61	2054352	39.947	ppbv		95
17) Methylene Chloride	6.112	49	1642651	35.761	ppbv		99
20) Carbon Disulfide	6.344	76	3015237	39.523	ppbv		100
21) Trichlorotrifluoroethane	6.284	101	2318798	38.200	ppbv		99
22) Trans-1,2-Dichloroethene	6.737	61	1963483	40.834	ppbv		96
23) 1,1-Dichloroethane	6.875	63	2261968	39.777	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	2850522	42.665	ppbv		94
25) Methyl Ethyl Ketone	7.102	43	2827944	41.436	ppbv		98
26) Cis-1,2-Dichloroethene	7.402	61	1851289	41.011	ppbv		97
27) Hexane	7.523	57	1980137	41.533	ppbv		97
28) Chloroform	7.588	83	2464195	39.908	ppbv		99
29) Ethyl acetate	7.499	61	454783	41.257	ppbv#		96
30) Tetrahydrofuran	7.831	42	1397568	42.722	ppbv		97
31) 1,2-Dichloroethane	8.059	62	1851377	40.522	ppbv		97
32) 1,1,1-Trichloroethane	8.221	97	2670517	40.910	ppbv		99
33) Benzene	8.502	78	3289686	40.052	ppbv		99
34) Carbon Tetrachloride	8.588	117	3074981	40.979	ppbv		99
35) Cyclohexane	8.666	84	1233717	38.834	ppbv		89
37) 1,2-dichloropropane	8.978	63	1570117	39.745	ppbv		93
38) Bromodichloromethane	9.090	83	2818997	40.146	ppbv		98
39) Trichloroethene	9.107	130	1644613	38.123	ppbv		97
40) 2,2,4-trimethylpentane	9.116	57	6199063	38.361	ppbv		99
41) 1,4-Dioxane	9.090	88	710578	40.571	ppbv#		96
43) Heptane	9.246	43	2620554	40.368	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	2195672	41.262	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.589	43	3333128	40.031	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	1884087	43.670	ppbv		96
47) 1,1,2-Trichloroethane	9.997	97	1521652	39.577	ppbv		98
48) Toluene	10.159	91	4222244	41.414	ppbv		97

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_13.D
Acq On : 19 Mar 2025 4:41 pm
Operator : Keith
Client ID : ICAL 40
Lab ID : 40 ppb ; TO1511
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 17:32:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:30:04 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.412	129	3453031	41.010	ppbv	98
50)	2-Hexanone(MBK)	10.257	43	3248519	45.568	ppbv	98
51)	1,2-Dibromoethane(EDB)	10.553	107	2632737	40.610	ppbv	99
52)	Tetrachloroethene	10.799	166	2734198	39.714	ppbv	92
54)	1,1,1,2-Tetrachloroethane	11.162	131	2171431	32.664	ppbv	99
55)	Chlorobenzene	11.177	112	3446077	32.669	ppbv	99
56)	Ethylbenzene	11.367	91	5443025	34.378	ppbv	98
57)	m,p-Xylene	11.458	91	8474611	70.353	ppbv	98
58)	Bromoform	11.541	173	4043602	34.938	ppbv	99
59)	Styrene	11.663	104	3354187	37.697	ppbv	96
60)	1,1,2,2-Tetrachloroethane	11.723	83	3261912	33.499	ppbv	95
61)	o-Xylene	11.723	91	4349866	34.224	ppbv	96
64)	Isopropylbenzene	12.042	105	6248668	33.521	ppbv	98
65)	4-Ethyltoluene	12.416	105	6607467	38.347	ppbv	99
66)	1,3,5-Trimethylbenzene	12.455	105	5013794	33.082	ppbv	98
67)	1,2,4-Trimethylbenzene	12.711	105	5461334	36.792	ppbv	97
68)	Benzyl chloride	12.805	91	4273367	35.440	ppbv	99
69)	1,3-Dichlorobenzene	12.828	146	3940412	38.743	ppbv	99
70)	1,4-Dichlorobenzene	12.867	146	3747911	42.772	ppbv	98
71)	sec-Butylbenzene	12.875	105	7652196	33.779	ppbv	98
72)	4-Isopropyltoluene	12.960	119	7309433	35.412	ppbv	96
73)	1,2-Dichlorobenzene	13.084	146	3871600	39.754	ppbv	99
74)	n-Butylbenzene	13.224	91	6304160	41.638	ppbv	96
75)	1,2,4-Trichlorobenzene	14.282	180	2584633	34.535	ppbv	97
76)	Naphthalene	14.383	128	5078349	34.607	ppbv#	98
77)	Hexachlorobutadiene	14.632	225	3360381	33.700	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.385	85	2864855	36.116	ppbv	89
80]	Vinyl Chloride(sim)	4.496	62	1327169	37.649	ppbv	100
81]	Bromomethane(sim)	4.850	94	1093123	32.882	ppbv	98
82]	Trichlorofluoromethane...	5.581	101	3276650	37.034	ppbv#	99
83]	1,2-Dichloroethane(sim)	8.059	62	1851377	38.422	ppbv	97
84]	1,1,1-Trichloroethane(...	8.224	97	2797413	40.277	ppbv#	99
85]	Benzene(sim)	8.502	78	3289825	38.122	ppbv	99
86]	Carbon Tetrachloride(sim)	8.591	117	3065630	39.891	ppbv	99
87]	1,1-Dichloroethene(sim)	6.034	61	2054352	37.518	ppbv	95
88]	Trichlorotrifluoroetha...	6.287	101	2391929	36.129	ppbv#	98
89]	Trans-1,2-Dichloroethe...	6.737	61	1963483	38.045	ppbv	96
90]	1,1-Dichloroethane(sim)	6.869	63	2404009	38.300	ppbv	99
91]	Cis-1,2-Dichloroethene...	7.402	61	1851289	39.107	ppbv	97
92]	Chloroform(sim)	7.591	83	2574310	37.644	ppbv	99
94]	1,2-dichloropropane(sim)	8.972	63	1668179	38.485	ppbv	97
95]	Bromodichloromethane(sim)	9.090	83	2818997	37.747	ppbv	99
96]	Trichloroethene(sim)	9.110	130	1681758	36.110	ppbv	94
97]	1,4-Dioxane(sim)	9.090	88	710578	41.249	ppbv#	96
98]	cis-1,3-Dichloropropen...	9.592	75	2352271	42.280	ppbv	97
99]	1,1,2-Trichloroethane(...	9.997	97	1521426	37.998	ppbv	98
100]	Dibromochloromethane(sim)	10.408	129	3436682	41.093	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.553	107	2632258	40.091	ppbv	99
102]	Tetrachloroethene(sim)	10.795	166	2725629	37.028	ppbv	94
104]	Bromoform(sim)	11.544	173	3897072	33.726	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	8483099	68.311	ppbv	98
106]	1,1,2,2-Tetrachloroeth...	11.719	83	3338862	31.303	ppbv	99
107]	Benzyl chloride(sim)	12.805	91	4273367	17.795	ppbv	99
108]	1,3-Dichlorobenzene(sim)	12.823	146	4394529	16.931	ppbv	98
109]	1,4-Dichlorobenzene(sim)	12.867	146	3747911	16.881	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_13.D
Acq On : 19 Mar 2025 4:41 pm
Operator : Keith
Client ID : ICAL 40
Lab ID : 40 ppb ; TO1511
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 17:32:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:30:04 2025
Response via : Initial Calibration

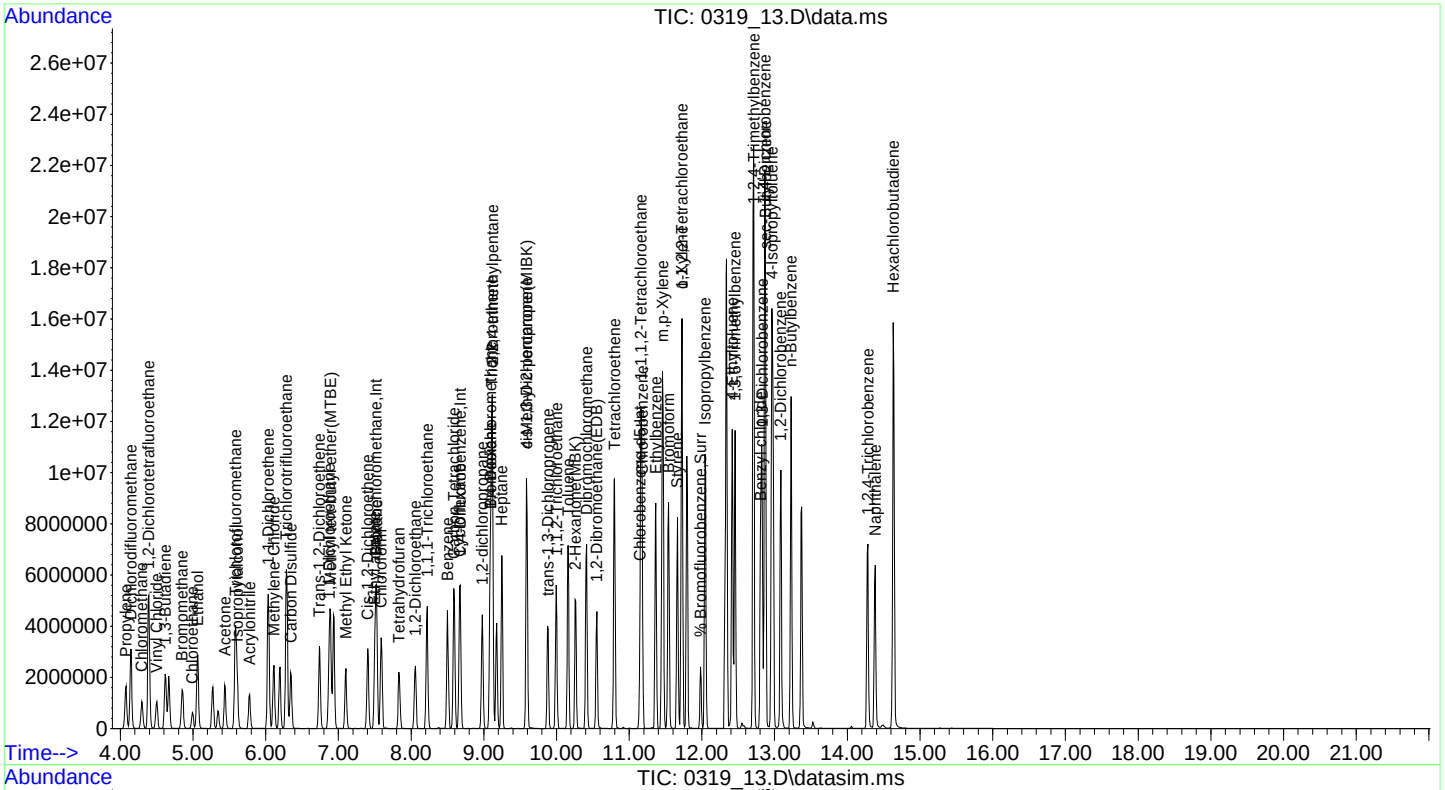
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	7963605	33.036	ppbv	97
111] 4-Isopropyltoluene(sim)	12.960	119	7311990	35.302	ppbv	96
112] 1,2-Dichlorobenzene(sim)	13.087	146	4205388	43.451	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	6304160	17.120	ppbv	96
114] 1,2,4-Trichlorobenzene...	14.277	180	2800649	11.987	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	3315382	28.728	ppbv	98

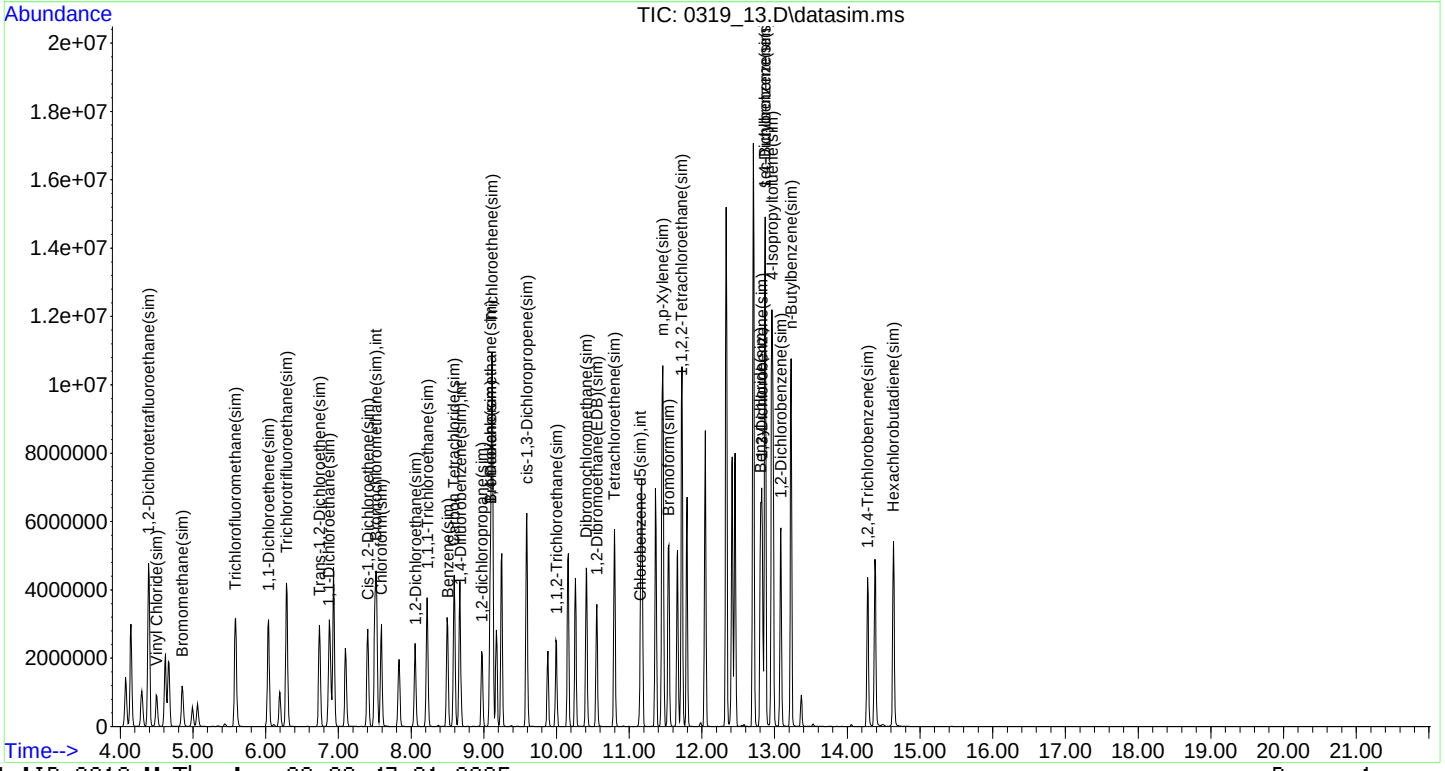
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_13.D
Acq On : 19 Mar 2025 4:41 pm
Operator : Keith
Client ID : ICAL 40
Lab ID : 40 ppb ; TO1511
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 19 17:32:15 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 16:30:04 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_14.D
Acq On : 19 Mar 2025 5:18 pm
Operator : Keith
Client ID : ICAL 1
Lab ID : 1ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:14:18 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 17:32:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	279410	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	970858	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	453806	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	281525	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	970858	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	453806	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	555345	10.323	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.20%				
Target Compounds							Qvalue
2) Propylene	4.079	41	29217	0.927	ppbv		99
3) Dichlorodifluoromethane	4.145	85	84846	0.944	ppbv		99
4) Chloromethane	4.294	50	38333	0.949	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.385	85	81514	0.999	ppbv		93
6) Vinyl Chloride	4.501	62	35337	0.979	ppbv		99
7) 1,3-Butadiene	4.618	54	29003	0.960	ppbv		96
8) Bromomethane	4.850	94	32775	1.020	ppbv		92
9) Chloroethane	4.991	64	15069	1.039	ppbv		99
11) Ethanol	5.074	45	16545	0.932	ppbv#		85
12) Acetone	5.449	43	53039	0.923	ppbv		99
13) Trichlorofluoromethane	5.584	101	89259	0.971	ppbv		99
14) Isopropylalcohol	5.621	45	71920	1.013	ppbv		96
15) Acrylonitrile	5.778	53	26894	0.937	ppbv		94
16) 1,1-Dichloroethene	6.034	61	54318	0.954	ppbv		98
17) Methylene Chloride	6.112	49	47889	0.942	ppbv		99
20) Carbon Disulfide	6.344	76	81791	0.969	ppbv		99
21) Trichlorotrifluoroethane	6.284	101	65503	0.975	ppbv		97
22) Trans-1,2-Dichloroethene	6.737	61	51739	0.972	ppbv		96
23) 1,1-Dichloroethane	6.866	63	61617	0.979	ppbv		97
24) Methyl tert-butyl ethe...	6.907	73	73203	0.990	ppbv		97
25) Methyl Ethyl Ketone	7.110	43	72897	0.965	ppbv		97
26) Cis-1,2-Dichloroethene	7.402	61	47971	0.960	ppbv		98
27) Hexane	7.523	57	48756	0.924	ppbv		96
28) Chloroform	7.588	83	67649	0.990	ppbv		98
29) Ethyl acetate	7.507	61	11435	0.937	ppbv		97
30) Tetrahydrofuran	7.848	42	32794	0.906	ppbv		95
31) 1,2-Dichloroethane	8.050	62	49109	0.971	ppbv		96
32) 1,1,1-Trichloroethane	8.221	97	70521	0.976	ppbv		99
33) Benzene	8.493	78	86959	0.956	ppbv		97
34) Carbon Tetrachloride	8.588	117	79757	0.960	ppbv		100
35) Cyclohexane	8.666	84	33132	0.942	ppbv		94
37) 1,2-dichloropropane	8.978	63	40086	0.948	ppbv		97
38) Bromodichloromethane	9.081	83	71227	0.948	ppbv		99
39) Trichloroethene	9.107	130	45996	0.996	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	168479	0.974	ppbv		99
41) 1,4-Dioxane	9.099	88	20698	1.104	ppbv		93
43) Heptane	9.246	43	65621	0.945	ppbv		98
44) cis-1,3-Dichloropropene	9.589	75	54412	0.955	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.596	43	85271	0.957	ppbv		98
46) trans-1,3-Dichloropropene	9.877	75	45036	0.975	ppbv		96
47) 1,1,2-Trichloroethane	9.997	97	40197	0.977	ppbv		100
48) Toluene	10.159	91	105424	0.966	ppbv		98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_14.D
Acq On : 19 Mar 2025 5:18 pm
Operator : Keith
Client ID : ICAL 1
Lab ID : 1ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:14:18 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 17:32:27 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	88207	0.979	ppbv	99
50)	2-Hexanone(MBK)	10.272	43	75065	0.984	ppbv	94
51)	1,2-Dibromoethane(EDB)	10.546	107	68498	0.987	ppbv	100
52)	Tetrachloroethene	10.792	166	73316	0.995	ppbv	92
54)	1,1,1,2-Tetrachloroethane	11.155	131	58208	1.060	ppbv	97
55)	Chlorobenzene	11.170	112	91081	1.046	ppbv	95
56)	Ethylbenzene	11.359	91	135957	1.040	ppbv	97
57)	m,p-Xylene	11.458	91	212950	2.141	ppbv	99
58)	Bromoform	11.534	173	98246	1.028	ppbv	100
59)	Styrene	11.663	104	76432	1.040	ppbv	100
60)	1,1,2,2-Tetrachloroethane	11.716	83	81353	1.012	ppbv	95
61)	o-Xylene	11.723	91	107824	1.027	ppbv	98
64)	Isopropylbenzene	12.042	105	160261	1.041	ppbv	97
65)	4-Ethyltoluene	12.416	105	147023	1.033	ppbv	98
66)	1,3,5-Trimethylbenzene	12.455	105	130354	1.042	ppbv	95
67)	1,2,4-Trimethylbenzene	12.703	105	125238	1.022	ppbv	98
68)	Benzyl chloride	12.805	91	55574	0.639	ppbv	97
69)	1,3-Dichlorobenzene	12.820	146	85916	1.023	ppbv	98
70)	1,4-Dichlorobenzene	12.859	146	72955	1.008	ppbv	99
71)	sec-Butylbenzene	12.867	105	199860	1.068	ppbv	97
72)	4-Isopropyltoluene	12.960	119	185101	1.086	ppbv	98
73)	1,2-Dichlorobenzene	13.077	146	81910	1.019	ppbv	99
74)	n-Butylbenzene	13.224	91	122671	0.981	ppbv	98
75)	1,2,4-Trichlorobenzene	14.282	180	36669	0.807	ppbv	97
76)	Naphthalene	14.383	128	78941	0.812	ppbv#	99
77)	Hexachlorobutadiene	14.632	225	93506	1.136	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.385	85	81521	0.928	ppbv	93
80]	Vinyl Chloride(sim)	4.496	62	37611	0.964	ppbv	100
81]	Bromomethane(sim)	4.850	94	32775	0.891	ppbv	92
82]	Trichlorofluoromethane...	5.581	101	92453	0.944	ppbv#	99
83]	1,2-Dichloroethane(sim)	8.050	62	49109	0.921	ppbv	96
84]	1,1,1-Trichloroethane(...	8.215	97	75265	0.979	ppbv#	99
85]	Benzene(sim)	8.493	78	86959	0.910	ppbv	97
86]	Carbon Tetrachloride(sim)	8.591	117	82027	0.964	ppbv	99
87]	1,1-Dichloroethene(sim)	6.034	61	54318	0.896	ppbv	98
88]	Trichlorotrifluoroetha...	6.287	101	69443	0.948	ppbv#	97
89]	Trans-1,2-Dichloroethe...	6.737	61	51739	0.906	ppbv	96
90]	1,1-Dichloroethane(sim)	6.869	63	65296	0.940	ppbv	99
91]	Cis-1,2-Dichloroethene...	7.402	61	47971	0.915	ppbv	98
92]	Chloroform(sim)	7.583	83	69794	0.922	ppbv	99
94]	1,2-dichloropropane(sim)	8.972	63	42600	0.918	ppbv	96
95]	Bromodichloromethane(sim)	9.081	83	71227	0.891	ppbv	100
96]	Trichloroethene(sim)	9.110	130	48219	0.967	ppbv	97
97]	1,4-Dioxane(sim)	9.099	88	20698	1.123	ppbv	93
98]	cis-1,3-Dichloropropen...	9.592	75	58587	0.984	ppbv	97
99]	1,1,2-Trichloroethane(...	9.997	97	40197	0.938	ppbv	100
100]	Dibromochloromethane(sim)	10.408	129	87315	0.976	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.546	107	68498	0.975	ppbv	100
102]	Tetrachloroethene(sim)	10.795	166	75568	0.959	ppbv	93
104]	Bromoform(sim)	11.537	173	96335	1.010	ppbv	99
105]	m,p-Xylene(sim)	11.458	91	214631	2.093	ppbv	98
106]	1,1,2,2-Tetrachloroeth...	11.719	83	84253	0.957	ppbv	100
107]	Benzyl chloride(sim)	12.805	91	55574	1.146	ppbv	97
108]	1,3-Dichlorobenzene(sim)	12.823	146	90490	1.015	ppbv	93
109]	1,4-Dichlorobenzene(sim)	12.859	146	72955	1.120	ppbv	99

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_14.D
Acq On : 19 Mar 2025 5:18 pm
Operator : Keith
Client ID : ICAL 1
Lab ID : 1ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:14:18 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 17:32:27 2025
Response via : Initial Calibration

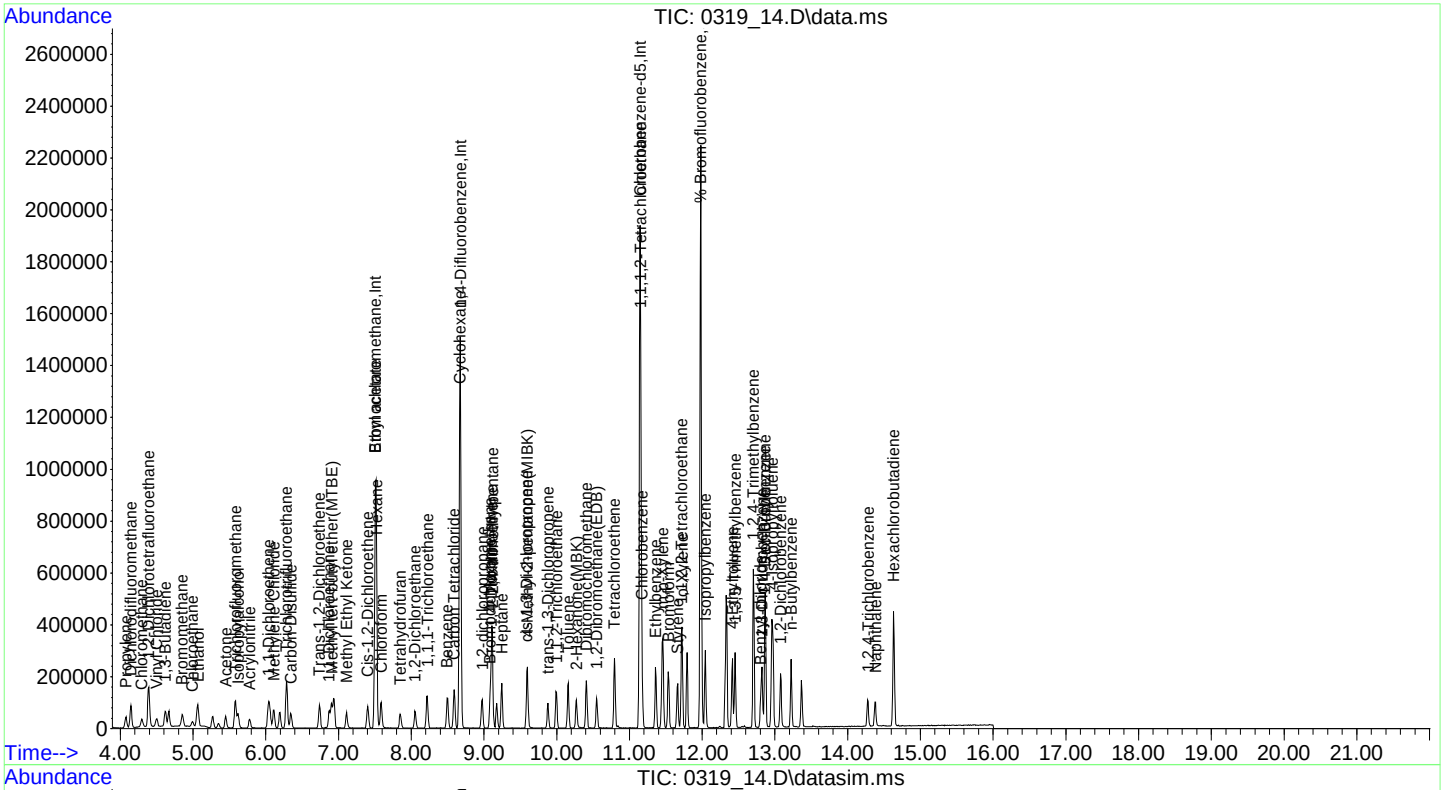
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	216065	1.086	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	185101	1.082	ppbv	98
112] 1,2-Dichlorobenzene(sim)	13.080	146	89529	1.120	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	122671	1.106	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.277	180	40854	1.346	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	95641	1.004	ppbv	98

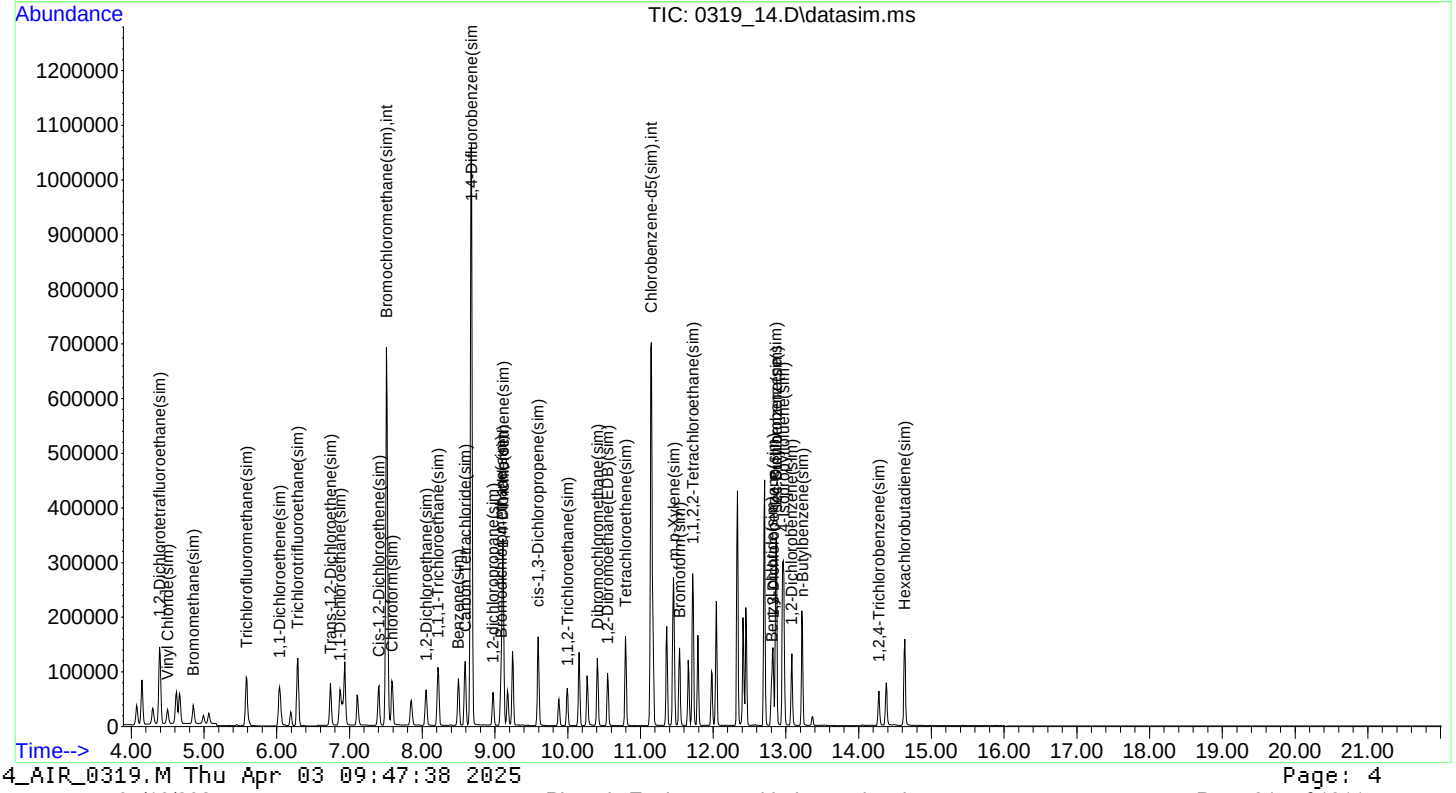
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_14.D
Acq On : 19 Mar 2025 5:18 pm
Operator : Keith
Client ID : ICAL 1
Lab ID : 1ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:14:18 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 17:32:27 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_15.D
Acq On : 19 Mar 2025 5:54 pm
Operator : Keith
Client ID : ICAL 10
Lab ID : 10ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:19:35 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	262487	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	930466	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	470347	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	263261	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	930466	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	470347	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	584285	10.375	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.70%				
Target Compounds							Qvalue
2) Propylene	4.079	41	271854	9.184	ppbv		98
3) Dichlorodifluoromethane	4.145	85	867174	10.275	ppbv		98
4) Chloromethane	4.294	50	354664	9.342	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	756785	9.877	ppbv		90
6) Vinyl Chloride	4.501	62	321896	9.496	ppbv		99
7) 1,3-Butadiene	4.618	54	270745	9.541	ppbv		94
8) Bromomethane	4.850	94	282499	9.361	ppbv		97
9) Chloroethane	4.991	64	131391	9.646	ppbv		97
11) Ethanol	5.065	45	146949	8.813	ppbv		95
12) Acetone	5.437	43	509969	9.449	ppbv		99
13) Trichlorofluoromethane	5.584	101	842061	9.754	ppbv		99
14) Isopropylalcohol	5.609	45	667069	10.005	ppbv		98
15) Acrylonitrile	5.772	53	258420	9.586	ppbv		95
16) 1,1-Dichloroethene	6.034	61	524343	9.805	ppbv		96
17) Methylene Chloride	6.112	49	427873	8.958	ppbv		99
20) Carbon Disulfide	6.344	76	770586	9.713	ppbv		100
21) Trichlorotrifluoroethane	6.284	101	614737	9.739	ppbv		99
22) Trans-1,2-Dichloroethene	6.737	61	486926	9.738	ppbv		96
23) 1,1-Dichloroethane	6.874	63	577956	9.774	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	708488	10.198	ppbv		95
25) Methyl Ethyl Ketone	7.102	43	690742	9.733	ppbv		98
26) Cis-1,2-Dichloroethene	7.402	61	458190	9.761	ppbv		98
27) Hexane	7.523	57	492936	9.943	ppbv		98
28) Chloroform	7.588	83	623742	9.714	ppbv		99
29) Ethyl acetate	7.499	61	111723	9.747	ppbv#		97
30) Tetrahydrofuran	7.831	42	345194	10.148	ppbv		97
31) 1,2-Dichloroethane	8.050	62	464898	9.785	ppbv		97
32) 1,1,1-Trichloroethane	8.221	97	665834	9.809	ppbv		99
33) Benzene	8.502	78	820300	9.604	ppbv		99
34) Carbon Tetrachloride	8.588	117	774919	9.931	ppbv		100
35) Cyclohexane	8.666	84	303996	9.202	ppbv		91
37) 1,2-dichloropropane	8.978	63	392425	9.685	ppbv		94
38) Bromodichloromethane	9.090	83	703127	9.763	ppbv		98
39) Trichloroethene	9.107	130	436722	9.871	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	1639570	9.893	ppbv		99
41) 1,4-Dioxane	9.090	88	194225	10.812	ppbv		96
43) Heptane	9.246	43	651203	9.781	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	544100	9.969	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.589	43	840959	9.848	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	449167	10.151	ppbv		96
47) 1,1,2-Trichloroethane	9.997	97	381699	9.680	ppbv		98
48) Toluene	10.159	91	1055197	10.091	ppbv		98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_15.D
Acq On : 19 Mar 2025 5:54 pm
Operator : Keith
Client ID : ICAL 10
Lab ID : 10ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:19:35 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	858947	9.946	ppbv	99
50) 2-Hexanone(MBK)	10.257	43	768696	10.513	ppbv	97
51) 1,2-Dibromoethane(EDB)	10.546	107	649015	9.761	ppbv	99
52) Tetrachloroethene	10.792	166	700566	9.921	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	549950	9.666	ppbv	99
55) Chlorobenzene	11.170	112	879705	9.744	ppbv	98
56) Ethylbenzene	11.359	91	1375675	10.152	ppbv	98
57) m,p-Xylene	11.458	91	2122676	20.589	ppbv	98
58) Bromoform	11.534	173	993010	10.025	ppbv	100
59) Styrene	11.663	104	819368	10.759	ppbv	98
60) 1,1,2,2-Tetrachloroethane	11.716	83	820348	9.843	ppbv	95
61) o-Xylene	11.723	91	1097091	10.085	ppbv	97
64) Isopropylbenzene	12.042	105	1593653	9.989	ppbv	99
65) 4-Ethyltoluene	12.416	105	1550205	10.512	ppbv	97
66) 1,3,5-Trimethylbenzene	12.455	105	1344243	10.363	ppbv	94
67) 1,2,4-Trimethylbenzene	12.703	105	1378547	10.851	ppbv	98
68) Benzyl chloride	12.805	91	910180	10.048	ppbv	99
69) 1,3-Dichlorobenzene	12.820	146	977407	11.228	ppbv	99
70) 1,4-Dichlorobenzene	12.859	146	857628	11.435	ppbv	98
71) sec-Butylbenzene	12.867	105	1992204	10.275	ppbv	98
72) 4-Isopropyltoluene	12.960	119	1878492	10.633	ppbv	98
73) 1,2-Dichlorobenzene	13.077	146	928697	11.142	ppbv	99
74) n-Butylbenzene	13.224	91	1490842	11.505	ppbv	97
75) 1,2,4-Trichlorobenzene	14.274	180	419238	9.054	ppbv	97
76) Naphthalene	14.375	128	942805	9.466	ppbv#	98
77) Hexachlorobutadiene	14.632	225	869497	10.188	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.385	85	755297	9.199	ppbv	90
80] Vinyl Chloride(sim)	4.496	62	343484	9.414	ppbv	99
81] Bromomethane(sim)	4.850	94	282499	8.210	ppbv	97
82] Trichlorofluoromethane...	5.581	101	865364	9.449	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	464871	9.320	ppbv	97
84] 1,1,1-Trichloroethane(...	8.215	97	704039	9.793	ppbv#	99
85] Benzene(sim)	8.502	78	820300	9.183	ppbv	99
86] Carbon Tetrachloride(sim)	8.591	117	780747	9.815	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	524343	9.251	ppbv	96
88] Trichlorotrifluoroetha...	6.287	101	634821	9.264	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	486926	9.115	ppbv	96
90] 1,1-Dichloroethane(sim)	6.869	63	612108	9.421	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	458190	9.351	ppbv	98
92] Chloroform(sim)	7.583	83	649252	9.172	ppbv	99
94] 1,2-dichloropropane(sim)	8.972	63	415291	9.341	ppbv	97
95] Bromodichloromethane(sim)	9.090	83	703127	9.180	ppbv	99
96] Trichloroethene(sim)	9.110	130	449763	9.416	ppbv	96
97] 1,4-Dioxane(sim)	9.090	88	194225	10.993	ppbv	96
98] cis-1,3-Dichloropropen...	9.592	75	586341	10.276	ppbv	97
99] 1,1,2-Trichloroethane(...	9.997	97	381699	9.295	ppbv	98
100] Dibromochloromethane(sim)	10.408	129	854663	9.964	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.546	107	649015	9.638	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	711725	9.427	ppbv	93
104] Bromoform(sim)	11.537	173	970261	9.813	ppbv	99
105] m,p-Xylene(sim)	11.458	91	2127114	20.018	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.719	83	854701	9.365	ppbv	100
107] Benzyl chloride(sim)	12.805	91	910180	9.058	ppbv	99
108] 1,3-Dichlorobenzene(sim)	12.823	146	1122506	14.114	ppbv	96
109] 1,4-Dichlorobenzene(sim)	12.859	146	857628	14.324	ppbv	98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_15.D
Acq On : 19 Mar 2025 5:54 pm
Operator : Keith
Client ID : ICAL 10
Lab ID : 10ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:19:35 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

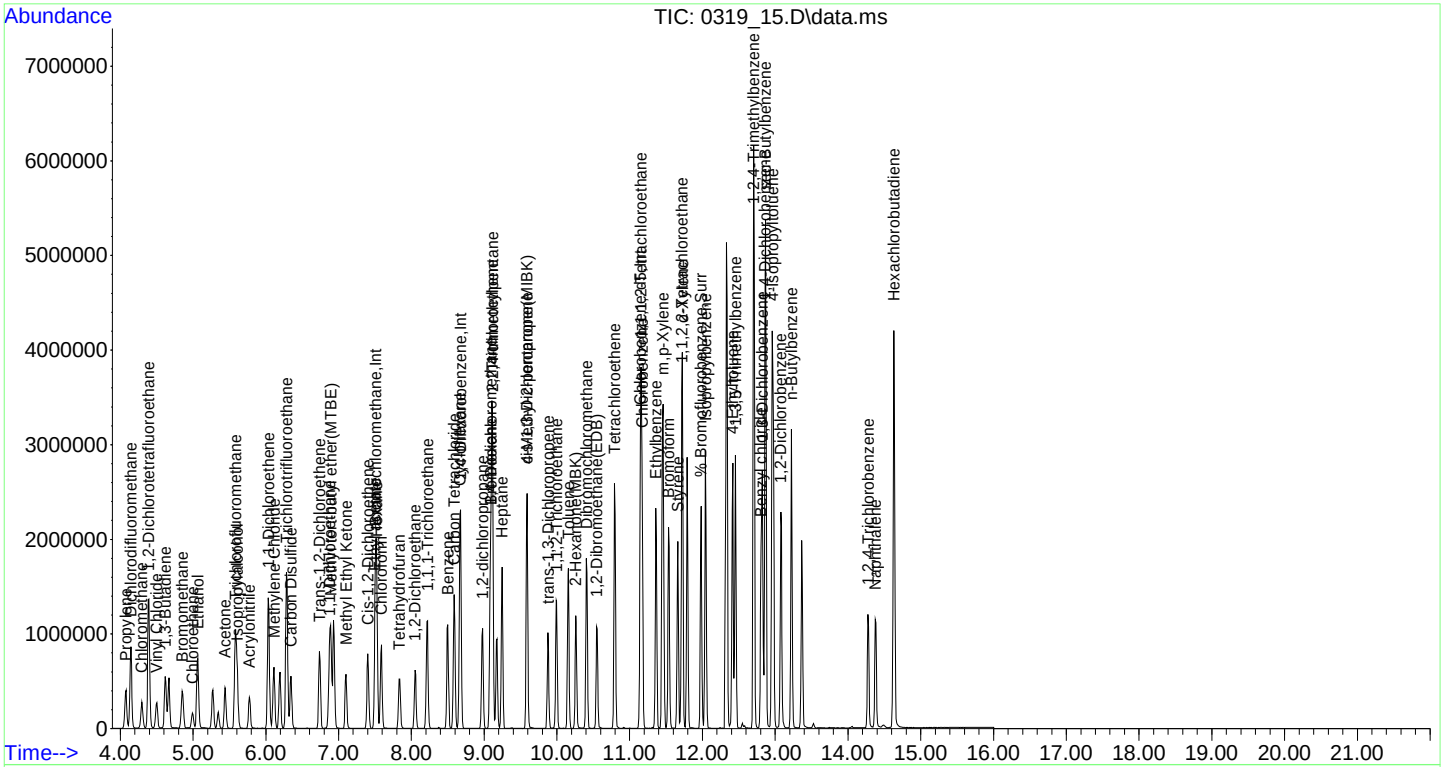
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	2144794	10.398	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	1877678	10.594	ppbv	98
112] 1,2-Dichlorobenzene(sim)	13.080	146	1016798	12.278	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	1490842	8.549	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.277	180	460802	3.463	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	898845	9.102	ppbv	98

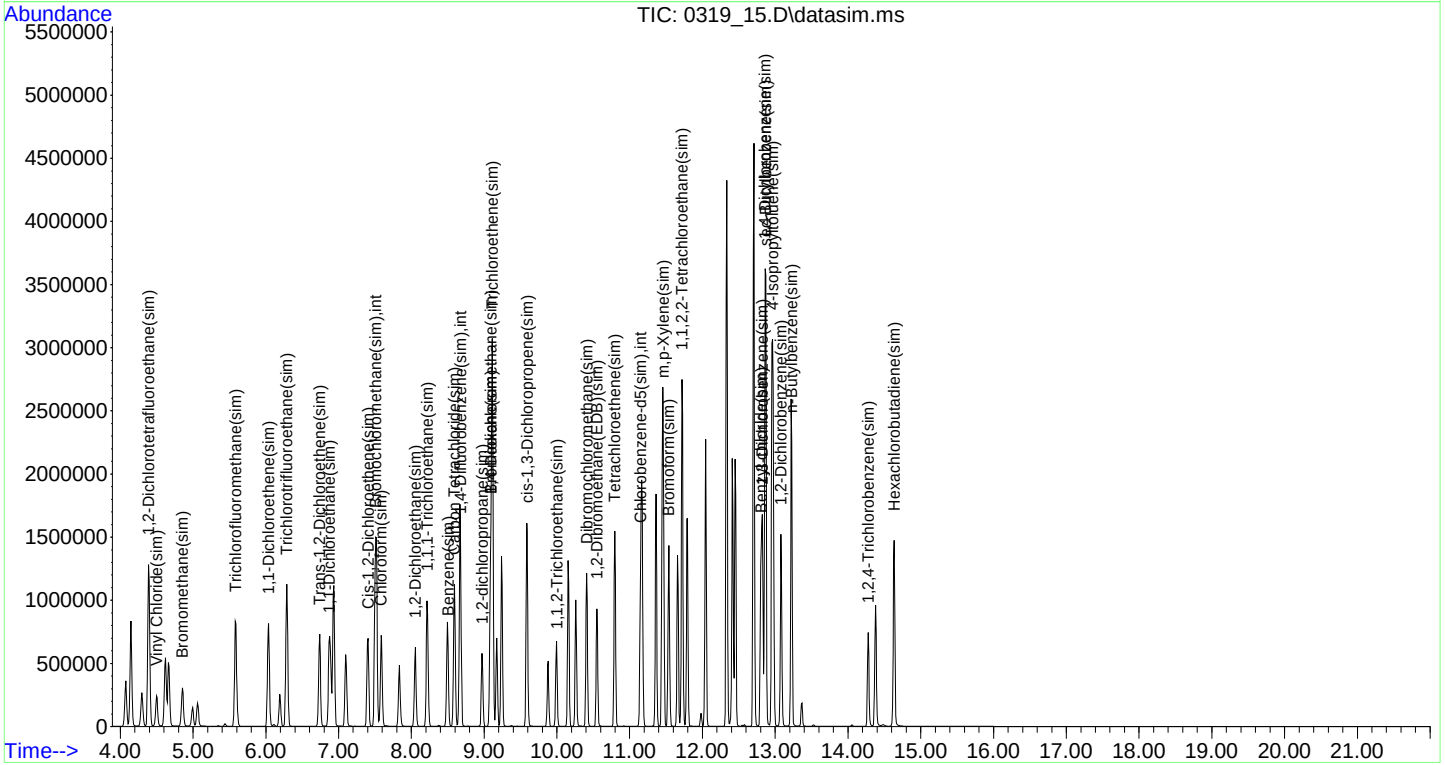
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_15.D
Acq On : 19 Mar 2025 5:54 pm
Operator : Keith
Client ID : ICAL 10
Lab ID : 10ppb ; TO1509 ; AIR36
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 07:19:35 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM24_0319

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		9.907	99	70	130
Dichlorodifluoromethane	10		10.94	109	70	130
Chloromethane	10		9.919	99	70	130
1,2-Dichlorotetrafluoroethane	10		10.52	105	70	130
Vinyl Chloride	10		10.05	101	70	130
1,3-Butadiene	10		10.15	102	70	130
Bromomethane	10		9.734	97	70	130
Chloroethane	10		9.960	100	70	130
Ethanol	10		6.362	64 *	70	130
Acetone	10		10.16	102	70	130
Trichlorofluoromethane	10		10.97	110	70	130
Isopropylalcohol	10		10.24	102	70	130
Acrylonitrile	10		9.893	99	70	130
1,1-Dichloroethene	10		10.60	106	70	130
Methylene Chloride	10		9.459	95	70	130
Carbon Disulfide	10		10.34	103	70	130
Trichlorotrifluoroethane	10		10.39	104	70	130
Trans-1,2-Dichloroethene	10		10.37	104	70	130
1,1-Dichloroethane	10		10.37	104	70	130
Methyl tert-butyl ether(MTBE)	10		10.87	109	70	130
Methyl Ethyl Ketone	10		10.25	103	70	130
Cis-1,2-Dichloroethene	10		10.58	106	70	130
Hexane	10		10.71	107	70	130
Chloroform	10		10.33	103	70	130
Ethyl acetate	10		12.77	128	70	130
Tetrahydrofuran	10		10.72	107	70	130
1,2-Dichloroethane	10		10.52	105	70	130
1,1,1-Trichloroethane	10		10.63	106	70	130
Benzene	10		10.16	102	70	130
Carbon Tetrachloride	10		10.56	106	70	130
Cyclohexane	10		9.781	98	70	130
1,2-dichloropropane	10		10.03	100	70	130
Bromodichloromethane	10		10.15	102	70	130
Trichloroethene	10		10.46	105	70	130
2,2,4-trimethylpentane	10		10.17	102	70	130
1,4-Dioxane	10		10.51	105	70	130
Heptane	10		10.17	102	70	130
cis-1,3-Dichloropropene	10		10.58	106	70	130
4-Methyl-2-pentanone(MIBK)	10		10.31	103	70	130
trans-1,3-Dichloropropene	10		10.55	106	70	130
1,1,2-Trichloroethane	10		10.32	103	70	130
Toluene	10		10.65	107	70	130
Dibromochloromethane	10		10.38	104	70	130
2-Hexanone(MBK)	10		10.85	109	70	130

FORM III AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM24_0319

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.33	103	70	130
Tetrachloroethene	10		10.44	104	70	130
1,1,1,2-Tetrachloroethane	10		9.871	99	70	130
Chlorobenzene	10		10.28	103	70	130
Ethylbenzene	10		10.92	109	70	130
m,p-Xylene	20		22.06	110	70	130
Bromoform	10		10.42	104	70	130
Styrene	10		11.15	112	70	130
1,1,2,2-Tetrachloroethane	10		10.43	104	70	130
o-Xylene	10		10.81	108	70	130
Isopropylbenzene	10		10.34	103	70	130
4-Ethyltoluene	10		11.09	111	70	130
1,3,5-Trimethylbenzene	10		11.19	112	70	130
1,2,4-Trimethylbenzene	10		11.49	115	70	130
Benzyl chloride	10		10.21	102	70	130
1,3-Dichlorobenzene	10		11.95	120	70	130
1,4-Dichlorobenzene	10		12.09	121	70	130
sec-Butylbenzene	10		10.22	102	70	130
4-Isopropyltoluene	10		10.56	106	70	130
1,2-Dichlorobenzene	10		11.83	118	70	130
n-Butylbenzene	10		11.30	113	70	130
1,2,4-Trichlorobenzene	10		9.289	93	70	130
Naphthalene	10		8.934	89	70	130
Hexachlorobutadiene	10		9.984	100	70	130

FORM III AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_16.D
Acq On : 19 Mar 2025 6:31 pm
Operator : Keith
Client ID : ICV_CHEM24_0319
Lab ID : 10ppb lcs ; TO1511
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 20 07:18:21 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	253089	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	908135	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	455009	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	258832	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	908135	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	455009	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	574366	10.542	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.40%				
Target Compounds							Qvalue
2) Propylene	4.079	41	282751	9.907	ppbv		99
3) Dichlorodifluoromethane	4.145	85	890500	10.943	ppbv		98
4) Chloromethane	4.294	50	363080	9.919	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	777093	10.519	ppbv		90
6) Vinyl Chloride	4.501	62	328402	10.048	ppbv		99
7) 1,3-Butadiene	4.617	54	277705	10.150	ppbv		94
8) Bromomethane	4.850	94	283240	9.734	ppbv		98
9) Chloroethane	4.991	64	130804	9.960	ppbv		97
11) Ethanol	5.065	45	102277	6.362	ppbv		95
12) Acetone	5.437	43	528683	10.160	ppbv		99
13) Trichlorofluoromethane	5.584	101	912889	10.968	ppbv		94
14) Isopropylalcohol	5.609	45	658147	10.237	ppbv		96
15) Acrylonitrile	5.772	53	257161	9.893	ppbv		97
16) 1,1-Dichloroethene	6.034	61	546558	10.600	ppbv		96
17) Methylene Chloride	6.112	49	435631	9.459	ppbv		99
20) Carbon Disulfide	6.344	76	790815	10.338	ppbv		99
21) Trichlorotrifluoroethane	6.284	101	632256	10.388	ppbv		99
22) Trans-1,2-Dichloroethene	6.737	61	499735	10.366	ppbv		96
23) 1,1-Dichloroethane	6.874	63	591134	10.368	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	728436	10.874	ppbv		94
25) Methyl Ethyl Ketone	7.101	43	701367	10.250	ppbv		98
26) Cis-1,2-Dichloroethene	7.402	61	478951	10.582	ppbv		97
27) Hexane	7.523	57	512015	10.711	ppbv		98
28) Chloroform	7.588	83	639821	10.335	ppbv		100
29) Ethyl acetate	7.499	61	141120	12.769	ppbv		96
30) Tetrahydrofuran	7.839	42	351745	10.724	ppbv		96
31) 1,2-Dichloroethane	8.050	62	481747	10.516	ppbv		97
32) 1,1,1-Trichloroethane	8.221	97	695985	10.634	ppbv		99
33) Benzene	8.502	78	836350	10.156	ppbv		99
34) Carbon Tetrachloride	8.588	117	794501	10.560	ppbv		100
35) Cyclohexane	8.666	84	311552	9.781	ppbv		91
37) 1,2-dichloropropane	8.978	63	396554	10.028	ppbv		94
38) Bromodichloromethane	9.090	83	713554	10.152	ppbv		98
39) Trichloroethene	9.107	130	451617	10.458	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	1645809	10.174	ppbv		99
41) 1,4-Dioxane	9.090	88	184176	10.505	ppbv		97
43) Heptane	9.246	43	660694	10.167	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	563822	10.585	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.589	43	859159	10.308	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	455723	10.552	ppbv		96
47) 1,1,2-Trichloroethane	9.997	97	397364	10.325	ppbv		99
48) Toluene	10.159	91	1086688	10.648	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_16.D
Acq On : 19 Mar 2025 6:31 pm
Operator : Keith
Client ID : ICV_CHEM24_0319
Lab ID : 10ppb lcs ; TO1511
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 20 07:18:21 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	874729	10.378	ppbv	98
50) 2-Hexanone(MBK)	10.257	43	774281	10.850	ppbv	97
51) 1,2-Dibromoethane(EDB)	10.553	107	670245	10.328	ppbv	99
52) Tetrachloroethene	10.792	166	719739	10.444	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	543324	9.871	ppbv	99
55) Chlorobenzene	11.170	112	898249	10.285	ppbv	98
56) Ethylbenzene	11.359	91	1430877	10.915	ppbv	98
57) m,p-Xylene	11.458	91	2199938	22.058	ppbv	98
58) Bromoform	11.534	173	998204	10.417	ppbv	99
59) Styrene	11.663	104	821599	11.152	ppbv	98
60) 1,1,2,2-Tetrachloroethane	11.716	83	840910	10.430	ppbv	96
61) o-Xylene	11.723	91	1137089	10.805	ppbv	97
64) Isopropylbenzene	12.042	105	1596009	10.341	ppbv	98
65) 4-Ethyltoluene	12.416	105	1582326	11.091	ppbv	97
66) 1,3,5-Trimethylbenzene	12.455	105	1404070	11.189	ppbv	93
67) 1,2,4-Trimethylbenzene	12.703	105	1411792	11.487	ppbv	99
68) Benzyl chloride	12.804	91	894759	10.210	ppbv	99
69) 1,3-Dichlorobenzene	12.820	146	1006102	11.947	ppbv	99
70) 1,4-Dichlorobenzene	12.859	146	877384	12.093	ppbv	98
71) sec-Butylbenzene	12.867	105	1916603	10.218	ppbv	98
72) 4-Isopropyltoluene	12.960	119	1803983	10.556	ppbv	98
73) 1,2-Dichlorobenzene	13.077	146	954220	11.834	ppbv	99
74) n-Butylbenzene	13.224	91	1416009	11.296	ppbv	97
75) 1,2,4-Trichlorobenzene	14.274	180	416728	9.288	ppbv	97
76) Naphthalene	14.383	128	859343	8.934	ppbv#	98
77) Hexachlorobutadiene	14.632	225	824296	9.984	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.385	85	775797	9.610	ppbv	90
80] Vinyl Chloride(sim)	4.496	62	350711	9.776	ppbv	100
81] Bromomethane(sim)	4.850	94	283240	8.372	ppbv	98
82] Trichlorofluoromethane...	5.581	101	886759	9.849	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	481747	9.824	ppbv	97
84] 1,1,1-Trichloroethane(...	8.215	97	731307	10.346	ppbv#	99
85] Benzene(sim)	8.502	78	836350	9.523	ppbv	99
86] Carbon Tetrachloride(sim)	8.591	117	799241	10.219	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	546558	9.808	ppbv	96
88] Trichlorotrifluoroetha...	6.287	101	657416	9.758	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	499735	9.515	ppbv	96
90] 1,1-Dichloroethane(sim)	6.869	63	628566	9.840	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	478951	9.942	ppbv	97
92] Chloroform(sim)	7.591	83	670577	9.635	ppbv	99
94] 1,2-dichloropropane(sim)	8.972	63	422984	9.748	ppbv	96
95] Bromodichloromethane(sim)	9.090	83	713554	9.545	ppbv	99
96] Trichloroethene(sim)	9.110	130	464626	9.966	ppbv	96
97] 1,4-Dioxane(sim)	9.090	88	184176	10.681	ppbv	97
98] cis-1,3-Dichloropropen...	9.592	75	600338	10.780	ppbv	98
99] 1,1,2-Trichloroethane(...	9.997	97	397364	9.914	ppbv	99
100] Dibromochloromethane(sim)	10.408	129	871954	10.415	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.553	107	669670	10.189	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	729845	9.905	ppbv	93
104] Bromoform(sim)	11.537	173	974721	10.191	ppbv	99
105] m,p-Xylene(sim)	11.458	91	2204383	21.445	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.719	83	877397	9.937	ppbv	99
107] Benzyl chloride(sim)	12.804	91	894759	9.154	ppbv	99
108] 1,3-Dichlorobenzene(sim)	12.823	146	1145040	14.883	ppbv	96
109] 1,4-Dichlorobenzene(sim)	12.859	146	877384	15.148	ppbv	98

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_16.D
Acq On : 19 Mar 2025 6:31 pm
Operator : Keith
Client ID : ICV_CHEM24_0319
Lab ID : 10ppb lcs ; TO1511
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 20 07:18:21 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

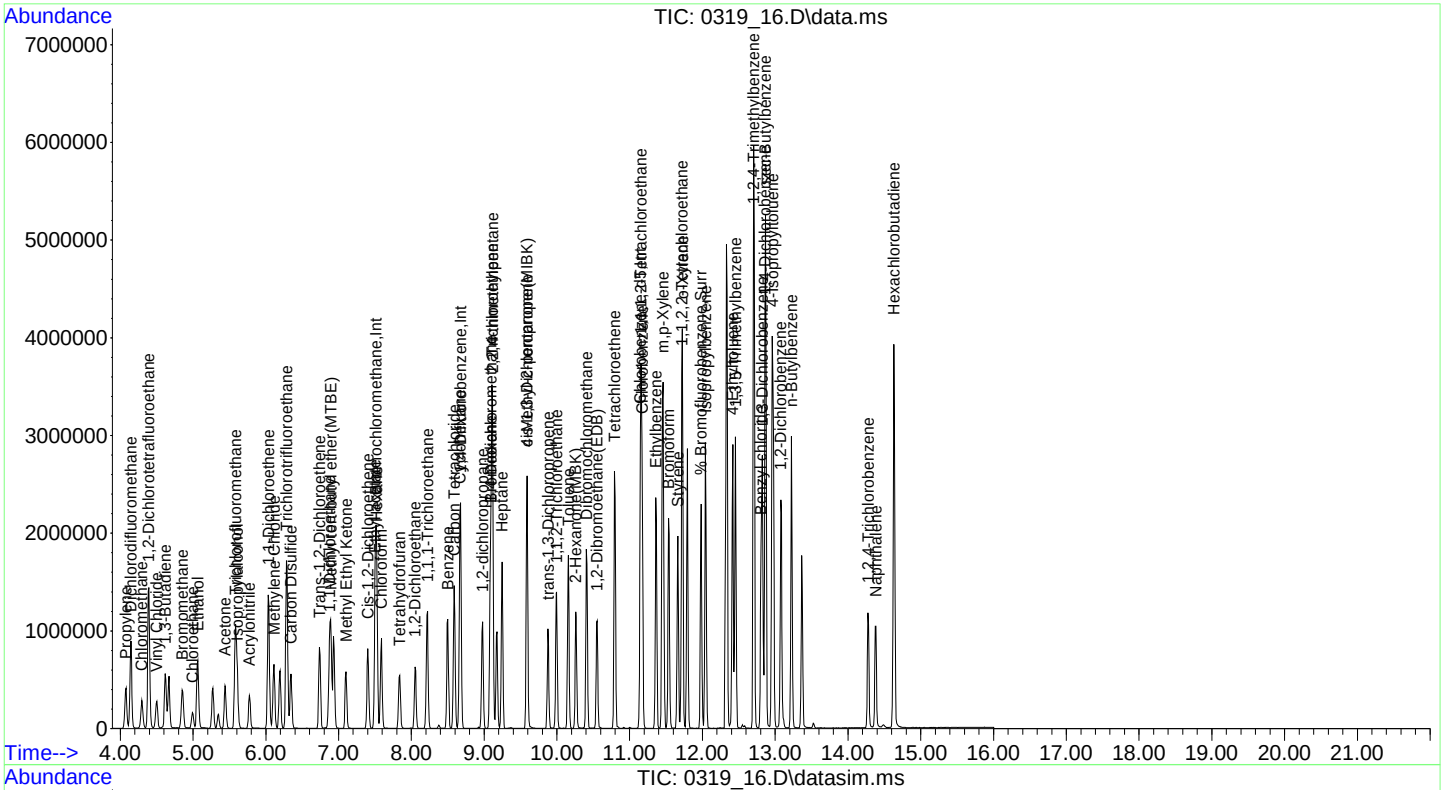
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.870	105	2058619	10.317	ppbv	98
111] 4-Isopropyltoluene(sim)	12.960	119	1802306	10.512	ppbv	98
112] 1,2-Dichlorobenzene(sim)	13.080	146	1053785	13.153	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	1416009	8.433	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.277	180	456952	3.507	ppbv	98
116] Hexachlorobutadiene(sim)	14.634	225	841254	8.806	ppbv	98

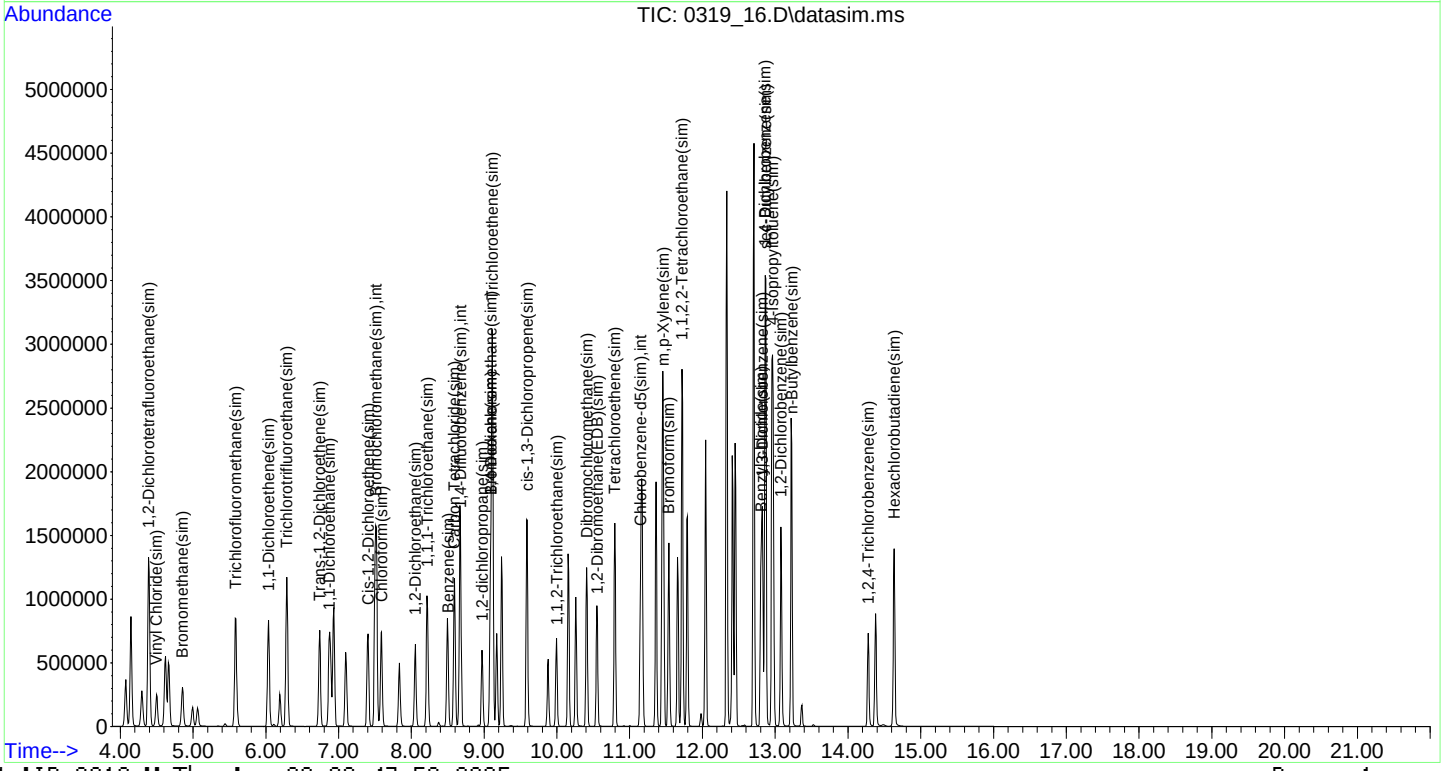
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\19\
Data File : 0319_16.D
Acq On : 19 Mar 2025 6:31 pm
Operator : Keith
Client ID : ICV_CHEM24_0319
Lab ID : 10ppb lcs ; TO1511
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 20 07:18:21 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs
Client: ROCKENVIRO
Lab Code: Phoenix
SDG No.: GCS91392
Instrument ID: CHEM39
Calibration Date From: 03/25/25 19:17
Heated Purge (Y/N): Y
Calibration Date Thru: 03/25/25 23:48
GC Column:
Method File: 39_AIR_0325.M

Laboratory File Ids

RRF1 0325_12.D RRF2 0325_13.D RRF3 0325_14.D RRF4 0325_15.D RRF5 0325_16.D RRF6 0325_17.D
RRF7 0325_18.D RRF8 0325_23.D RRF9 0325_19.D RRF10 0325_20.D RRF11 0325_24.D RRF12 0325_21.D
RRF13 0325_22.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	_ RRF	% RSD
Propylene						1.238	0.946	0.872	0.870	0.899	0.847	0.856	0.845	0.922	14.32
Dichlorodifluoromethane						2.825	2.703	2.661	2.641	2.739	2.677	2.623	2.499	2.671	3.54
Chloromethane						1.268	1.131	1.129	1.098	1.133	1.117	1.098	1.080	1.132	5.15
1,2-Dichlorotetrafluoroethane						2.744	2.555	2.598	2.548	2.584	2.522	2.472	2.374	2.550	4.16
Vinyl Chloride						1.179	1.134	1.129	1.107	1.141	1.109	1.107	1.084	1.124	2.57
1,3-Butadiene						0.973	0.991	0.952	0.937	0.964	0.950	0.941	0.915	0.953	2.43
Bromomethane						1.067	0.964	0.942	0.905	0.931	0.904	0.892	0.876	0.935	6.47
Chloroethane						0.593	0.561	0.488	0.471	0.492	0.477	0.475	0.464	0.503	9.44
Ethanol						0.917	0.546	0.590	0.503	0.482	0.498	0.449	0.429	0.552	28.28
Acetone						2.674	2.109	2.056	1.921	1.905	1.859	1.851	1.816	2.024	13.92
Trichlorofluoromethane						2.983	2.826	2.777	2.763	2.840	2.775	2.778	2.720	2.808	2.85
Isopropylalcohol						2.451	2.324	2.325	2.136	2.081	2.162	2.060	2.056	2.199	6.74
Acrylonitrile						0.854	0.916	0.908	0.876	0.893	0.877	0.901	0.889	0.889	2.24
1,1-Dichloroethene						2.045	1.861	1.872	1.837	1.899	1.861	1.883	1.857	1.889	3.47
Methylene Chloride						2.149	1.692	1.520	1.457	1.473	1.432	1.434	1.399	1.570	16.01
Carbon Disulfide						2.961	2.846	2.747	2.771	2.844	2.776	2.776	2.673	2.799	3.04
Trichlorotrifluoroethane						2.347	2.095	2.129	2.095	2.192	2.157	2.158	2.117	2.161	3.80
Trans-1,2-Dichloroethene						1.845	1.834	1.783	1.750	1.813	1.760	1.785	1.741	1.789	2.17
1,1-Dichloroethane						2.126	2.127	2.053	2.030	2.114	2.035	2.062	2.018	2.071	2.18
Methyl tert-butyl ether(MTBE)						2.952	2.767	2.820	2.739	2.855	2.786	2.802	2.711	2.804	2.68
Methyl Ethyl Ketone						2.289	2.445	2.704	2.520	2.614	2.567	2.563	2.516	2.527	4.86
Cis-1,2-Dichloroethene						1.728	1.651	1.687	1.659	1.722	1.652	1.683	1.649	1.679	1.91
Hexane						2.143	1.905	1.902	1.888	1.949	1.883	1.919	1.886	1.934	4.50
Chloroform						2.345	2.311	2.264	2.257	2.335	2.257	2.256	2.187	2.276	2.26

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM39 | Calibration Date From: 03/25/25 19:17

Heated Purge (Y/N): Y | Calibration Date Thru: 03/25/25 23:48

GC Column: | Method File: 39_AIR_0325.M

Laboratory File Ids

RRF1 0325_12.D RRF2 0325_13.D RRF3 0325_14.D RRF4 0325_15.D RRF5 0325_16.D RRF6 0325_17.D
RRF7 0325_18.D RRF8 0325_23.D RRF9 0325_19.D RRF10 0325_20.D RRF11 0325_24.D RRF12 0325_21.D
RRF13 0325_22.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	_ RRF	% RSD
Ethyl acetate						0.439	0.402	0.446	0.437	0.448	0.432	0.441	0.439	0.435	3.32
Tetrahydrofuran						1.422	1.339	1.317	1.254	1.283	1.242	1.266	1.232	1.294	4.89
1,2-Dichloroethane						1.750	1.635	1.643	1.641	1.701	1.675	1.689	1.636	1.671	2.44
1,1,1-Trichloroethane						2.406	2.332	2.355	2.314	2.416	2.361	2.363	2.313	2.358	1.63
Benzene						3.782	3.215	3.180	3.068	3.200	3.055	3.072	2.961	3.192	7.96
Carbon Tetrachloride						2.435	2.445	2.485	2.446	2.542	2.502	2.529	2.473	2.482	1.61
Cyclohexane						1.352	1.276	1.226	1.214	1.251	1.209	1.205	1.175	1.239	4.45
1,2-dichloropropane						0.399	0.391	0.389	0.390	0.393	0.387	0.392	0.383	0.391	1.23
Bromodichloromethane						0.668	0.641	0.670	0.653	0.674	0.677	0.683	0.671	0.667	2.03
Trichloroethene						0.400	0.389	0.391	0.392	0.408	0.403	0.401	0.383	0.396	2.11
2,2,4-trimethylpentane						1.712	1.666	1.660	1.655	1.693	1.663	1.636	1.527	1.651	3.37
1,4-Dioxane						0.188	0.169	0.266	0.182	0.171	0.183	0.174	0.172	0.188	17.00
Heptane						0.684	0.692	0.673	0.656	0.681	0.655	0.670	0.649	0.670	2.29
cis-1,3-Dichloropropene						0.541	0.534	0.556	0.534	0.552	0.553	0.565	0.555	0.549	2.03
4-Methyl-2-pentanone(MIBK)						0.841	0.892	0.941	0.876	0.841	0.850	0.863	0.829	0.867	4.20
trans-1,3-Dichloropropene						0.429	0.421	0.458	0.438	0.447	0.452	0.461	0.454	0.445	3.25
1,1,2-Trichloroethane						0.354	0.364	0.371	0.357	0.369	0.365	0.368	0.360	0.364	1.70
Toluene						1.137	1.077	1.083	1.072	1.096	1.073	1.055	1.004	1.075	3.49
Dibromochloromethane						0.693	0.677	0.743	0.701	0.736	0.751	0.753	0.734	0.723	4.00
2-Hexanone(MBK)						0.784	0.757	0.859	0.811	0.764	0.792	0.804	0.788	0.795	4.01
1,2-Dibromoethane(EDB)						0.599	0.584	0.656	0.612	0.628	0.619	0.627	0.608	0.617	3.49
Tetrachloroethene						0.526	0.516	0.514	0.501	0.519	0.516	0.514	0.494	0.513	1.98
1,1,1,2-Tetrachloroethane						0.922	0.914	0.929	0.910	0.922	0.892	0.809	0.737	0.879	7.91
Chlorobenzene						1.590	1.592	1.654	1.542	1.562	1.524	1.371	1.229	1.508	9.25

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM39 | Calibration Date From: 03/25/25 19:17

Heated Purge (Y/N): Y | Calibration Date Thru: 03/25/25 23:48

GC Column: | Method File: 39_AIR_0325.M

Laboratory File Ids

RRF1 0325_12.D RRF2 0325_13.D RRF3 0325_14.D RRF4 0325_15.D RRF5 0325_16.D RRF6 0325_17.D
RRF7 0325_18.D RRF8 0325_23.D RRF9 0325_19.D RRF10 0325_20.D RRF11 0325_24.D RRF12 0325_21.D
RRF13 0325_22.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	_ RRF	% RSD
Ethylbenzene					2.870	2.788	2.710	2.782	2.640	2.656	2.540	2.249	1.960	2.577	11.39
m,p-Xylene					2.256	2.114	2.059	1.732	2.079	2.091	2.019	1.757	1.482	1.954	12.50
Bromoform						1.228	1.216	1.378	1.264	1.311	1.321	1.226	1.119	1.258	6.32
Styrene						1.459	1.478	1.616	1.501	1.510	1.471	1.340	1.221	1.450	8.23
1,1,2,2-Tetrachloroethane						1.533	1.519	1.685	1.525	1.592	1.557	1.395	1.252	1.507	8.69
o-Xylene					2.314	2.250	2.202	2.225	2.133	2.149	2.093	1.873	1.647	2.098	10.02
Isopropylbenzene						3.045	2.938	3.065	2.889	2.892	2.743	2.400	2.062	2.754	12.70
4-Ethyltoluene						3.037	2.901	3.009	3.081	2.975	2.875	2.626	2.241	2.843	9.89
1,3,5-Trimethylbenzene						2.344	2.479	2.561	2.308	2.537	2.463	2.021	1.781	2.312	11.92
1,2,4-Trimethylbenzene						2.494	2.421	2.574	2.498	2.576	2.541	2.202	1.868	2.397	10.25
Benzyl chloride						1.593	1.808	2.343	1.974	2.173	2.231	2.013	1.777	1.989	12.80
1,3-Dichlorobenzene						1.591	1.546	1.799	1.647	1.775	1.740	1.539	1.347	1.623	9.28
1,4-Dichlorobenzene						1.408	1.519	1.613	1.459	1.554	1.547	1.361	1.206	1.458	9.00
sec-Butylbenzene						3.641	3.697	3.755	3.595	3.648	3.545	2.963	2.425	3.409	13.73
4-Isopropyltoluene						3.369	3.331	3.508	3.384	3.378	3.300	2.822	2.363	3.182	12.21
1,2-Dichlorobenzene						1.417	1.434	1.651	1.477	1.575	1.545	1.387	1.247	1.467	8.56
n-Butylbenzene						2.841	2.910	3.076	2.945	2.962	2.948	2.571	2.175	2.803	10.46
1,2,4-Trichlorobenzene						0.656	0.781	0.953	0.860	1.056	1.148	1.095	1.017	0.946	17.83
Naphthalene						1.197	1.639	2.260	1.853	2.242	2.512	2.361	2.146	2.026	21.52
Hexachlorobutadiene						0.936	0.967	1.000	0.953	1.104	1.152	1.059	0.953	1.015	7.90
1,2-Dichlorotetrafluoroethane(sim)	2.936	2.837	3.047	2.848	2.641	2.724	2.574	2.617	2.576	2.592				2.739	6.15
Vinyl Chloride(sim)	1.314	1.283	1.275	1.264	1.226	1.231	1.192	1.188	1.182	1.210				1.237	3.67
Bromomethane(sim)		1.529	1.018	1.193	1.040	1.060	0.971	0.949	0.915	0.934				1.068	18.03
Trichlorofluoromethane(sim)	3.385	3.226	3.176	3.083	3.084	3.027	2.962	2.952	2.925	2.994				3.081	4.69

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM39 | Calibration Date From: 03/25/25 19:17

Heated Purge (Y/N): Y | Calibration Date Thru: 03/25/25 23:48

GC Column: | Method File: 39_AIR_0325.M

Laboratory File Ids

RRF1 0325_12.D RRF2 0325_13.D RRF3 0325_14.D RRF4 0325_15.D RRF5 0325_16.D RRF6 0325_17.D
RRF7 0325_18.D RRF8 0325_23.D RRF9 0325_19.D RRF10 0325_20.D RRF11 0325_24.D RRF12 0325_21.D
RRF13 0325_22.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	_ RRF	% RSD
1,2-Dichloroethane(sim)	2.055	1.860	1.932	1.900	1.805	1.737	1.647	1.654	1.658	1.707				1.795	7.72
1,1,1-Trichloroethane(sim)	3.043	2.748	2.673	2.635	2.625	2.554	2.521	2.508	2.490	2.555				2.635	6.24
Benzene(sim)			5.541	4.937	3.866	3.742	3.264	3.203	3.100					3.950	23.80
Carbon Tetrachloride(sim)	3.065	2.807	2.761	2.802	2.573	2.554	2.506	2.531	2.506					2.678	7.18
1,1-Dichloroethene(sim)	2.199	2.223	2.192	2.215	2.106	2.031	1.875	1.885	1.856	1.905				2.049	7.61
Trichlorotrifluoroethane(sim)	2.594	2.455	2.401	2.390	2.328	2.319	2.246	2.219	2.216	2.274				2.344	5.09
Trans-1,2-Dichloroethene(sim)		2.024	2.002	1.987	1.863	1.832	1.848	1.795	1.769	1.819				1.882	5.11
1,1-Dichloroethane(sim)	2.784	2.389	2.341	2.280	2.295	2.275	2.243	2.210	2.213	2.268				2.330	7.25
Cis-1,2-Dichloroethene(sim)	2.009	2.001	1.854	1.916	1.708	1.716	1.663	1.699	1.677	1.727				1.797	7.55
Chloroform(sim)		3.275	3.008	2.780	2.633	2.499	2.415	2.381	2.370	2.432				2.644	12.05
1,2-dichloropropane(sim)	0.512	0.452	0.458	0.436	0.424	0.418	0.410	0.418	0.409	0.421				0.436	7.18
Bromodichloromethane(sim)	0.79	0.726	0.760	0.725	0.668	0.668	0.641	0.670	0.653	0.674				0.697	7.13
Trichloroethene(sim)	0.457	0.446	0.439	0.433	0.426	0.413	0.405	0.407	0.403	0.414				0.424	4.43
1,4-Dioxane(sim)					0.167	0.188	0.169	0.266	0.182	0.171				0.191	19.82
cis-1,3-Dichloropropene(sim)	0.655	0.647	0.605	0.580	0.555	0.569	0.561	0.581	0.567					0.591	6.24
1,1,2-Trichloroethane(sim)	0.425	0.407	0.405	0.403	0.382	0.354	0.364	0.371	0.357	0.369				0.384	6.40
Dibromochloromethane(sim)	0.809	0.783	0.760	0.732	0.699	0.700	0.684	0.738	0.698					0.734	5.88
1,2-Dibromoethane(EDB)(sim)	0.688	0.672	0.656	0.641	0.566	0.600	0.584	0.656	0.612	0.628				0.630	6.28
Tetrachloroethene(sim)	0.622	0.597	0.573	0.555	0.528	0.514	0.503	0.510	0.496	0.515	0.506			0.538	7.91
Bromoform(sim)	1.383	1.317	1.253	1.225	1.183	1.171	1.161	1.345	1.216					1.250	6.44
m,p-Xylene(sim)					2.256	2.160	2.088	2.184	2.085	2.098				2.145	3.17
1,1,2,2-Tetrachloroethane(sim)	1.962	1.822	1.747	1.702	1.584	1.579	1.587	1.777	1.586	1.649				1.699	7.54
Benzyl chloride(sim)			1.957	1.666	1.457	1.593	1.808	2.343	1.967					1.827	16.12
1,3-Dichlorobenzene(sim)		2.065	1.886	1.726	1.571	1.617	1.674	1.848	1.668	1.789				1.761	8.77

(#) 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: ROCKENVIRO

Lab Code: Phoenix | SDG No.: GCS91392

Instrument ID: CHEM39 | Calibration Date From: 03/25/25 19:17

Heated Purge (Y/N): Y | Calibration Date Thru: 03/25/25 23:48

GC Column: | Method File: 39_AIR_0325.M

Laboratory File Ids

RRF1 0325_12.D RRF2 0325_13.D RRF3 0325_14.D RRF4 0325_15.D RRF5 0325_16.D RRF6 0325_17.D
RRF7 0325_18.D RRF8 0325_23.D RRF9 0325_19.D RRF10 0325_20.D RRF11 0325_24.D RRF12 0325_21.D
RRF13 0325_22.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	_ RRF	% RSD
1,4-Dichlorobenzene(sim)			1.663	1.640	1.476	1.408	1.519	1.613	1.459					1.540	6.44
sec-Butylbenzene(sim)		3.466	3.073	2.938	2.632	2.633	2.653	2.771	2.659	2.754				2.842	9.81
4-Isopropyltoluene(sim)			4.294	3.991	3.309	3.369	3.331	3.508	3.384	3.378				3.571	10.28
1,2-Dichlorobenzene(sim)		1.955	1.748	1.691	1.472	1.523	1.564	1.749	1.575	1.680				1.662	8.89
n-Butylbenzene(sim)				3.368	2.621	2.841	2.910	3.076	2.945					2.960	8.43
1,2,4-Trichlorobenzene(sir q	0.027	0.033	0.043	0.056	0.054	0.144	0.439	1.065	2.492					Coef R2	1.00
Hexachlorobutadiene(sim) q	0.026	0.035	0.048	0.062	0.092	0.187	0.484	1.014	2.498					Coef R2	1.00
% Bromofluorobenzene						1.349	1.364	1.361	1.363	1.337	1.302	1.172	1.097	1.293	7.88

(#) 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:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_12.D
Acq On : 25 Mar 2025 4:07 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 26 08:32:45 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.340	130	265018	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	989191	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	515379	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	263255	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	989191	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	515379	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	712610	14.293	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 142.90%#				
Target Compounds							Qvalue
2) Propylene	3.899	41	2507	0.103	ppbv#		53
3) Dichlorodifluoromethane	3.964	85	856	0.012	ppbv#		34
4) Chloromethane	4.110	50	587	0.020	ppbv#		53
5) 1,2-Dichlorotetrafluor...	4.199	85	817	0.012	ppbv#		79
6) Vinyl Chloride	4.321	62	540	0.018	ppbv#		58
7) 1,3-Butadiene	4.434	54	504	0.020	ppbv#		57
8) Bromomethane	4.661	94	883	0.036	ppbv#		39
9) Chloroethane	4.807	64	286	0.021	ppbv#		40
11) Ethanol	4.880	45	1389	0.095	ppbv#		43
12) Acetone	5.255	43	6906	0.129	ppbv		94
13) Trichlorofluoromethane	5.390	101	847	0.011	ppbv#		95
14) Isopropylalcohol	5.427	45	1659	0.028	ppbv#		92
15) Acrylonitrile	5.611	53	262	0.011	ppbv#		1
16) 1,1-Dichloroethene	5.848	61	457	0.009	ppbv#		78
17) Methylene Chloride	5.925	49	3905	0.094	ppbv#		82
20) Carbon Disulfide	6.157	76	1025	0.014	ppbv#		1
21) Trichlorotrifluoroethane	6.098	101	613	0.011	ppbv#		81
22) Trans-1,2-Dichloroethene	6.561	61	482	0.010	ppbv#		73
23) 1,1-Dichloroethane	6.683	63	791	0.014	ppbv		85
24) Methyl tert-butyl ethe...	6.724	73	975	0.013	ppbv#		63
25) Methyl Ethyl Ketone	6.967	43	887	0.013	ppbv#		69
26) Cis-1,2-Dichloroethene	7.235	61	332	0.007	ppbv#		78
27) Hexane	7.340	57	965	0.019	ppbv#		1
28) Chloroform	7.421	83	1194	0.020	ppbv#		61
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.689	42	1155	0.034	ppbv#		53
31) 1,2-Dichloroethane	7.891	62	533	0.012	ppbv#		56
32) 1,1,1-Trichloroethane	8.046	97	767	0.012	ppbv		88
33) Benzene	8.334	78	3343	0.040	ppbv#		58
34) Carbon Tetrachloride	8.421	117	805	0.012	ppbv#		80
35) Cyclohexane	8.516	84	1085	0.033	ppbv#		1
37) 1,2-dichloropropane	8.827	63	562	0.015	ppbv#		3
38) Bromodichloromethane	8.940	83	625	0.009	ppbv		80
39) Trichloroethene	8.957	130	417	0.011	ppbv#		83
40) 2,2,4-trimethylpentane	8.957	57	2284	0.014	ppbv#		81
41) 1,4-Dioxane	8.966	88	99	0.005	ppbv#		1
43) Heptane	9.087	43	1253	0.019	ppbv#		86
44) cis-1,3-Dichloropropene	9.446	75	550	0.010	ppbv#		75
45) 4-Methyl-2-pentanone(M...	9.460	43	1875	0.022	ppbv#		65
46) trans-1,3-Dichloropropene	9.741	75	153	0.003	ppbv#		1
47) 1,1,2-Trichloroethane	9.861	97	359	0.010	ppbv#		55
48) Toluene	10.016	91	1999	0.019	ppbv#		82

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_12.D
Acq On : 25 Mar 2025 4:07 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 26 08:32:45 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	716	0.010	ppbv#	74
50) 2-Hexanone(MBK)	10.114	43	80	0.001	ppbv#	46
51) 1,2-Dibromoethane(EDB)	10.417	107	625	0.010	ppbv	91
52) Tetrachloroethene	10.656	166	578	0.011	ppbv	94
54) 1,1,1,2-Tetrachloroethane	11.023	131	651	0.014	ppbv#	83
55) Chlorobenzene	11.038	112	1006	0.013	ppbv#	32
56) Ethylbenzene	11.236	91	2506	0.019	ppbv#	74
57) m,p-Xylene	11.327	91	3614	0.036	ppbv#	84
58) Bromoform	11.410	173	497	0.008	ppbv#	67
59) Styrene	11.539	104	1004	0.013	ppbv#	76
60) 1,1,2,2-Tetrachloroethane	11.592	83	849	0.011	ppbv#	82
61) o-Xylene	11.600	91	1723	0.016	ppbv	94
64) Isopropylbenzene	11.918	105	3352	0.024	ppbv#	78
65) 4-Ethyltoluene	12.290	105	3054	0.021	ppbv#	70
66) 1,3,5-Trimethylbenzene	12.328	105	2241	0.019	ppbv#	81
67) 1,2,4-Trimethylbenzene	12.586	105	1975	0.016	ppbv#	88
68) Benzyl chloride	12.685	91	1266	0.012	ppbv#	72
69) 1,3-Dichlorobenzene	12.700	146	1092	0.013	ppbv	92
70) 1,4-Dichlorobenzene	12.738	146	1229	0.016	ppbv	90
71) sec-Butylbenzene	12.746	105	3350	0.019	ppbv#	79
72) 4-Isopropyltoluene	12.837	119	3407	0.021	ppbv#	92
73) 1,2-Dichlorobenzene	12.958	146	1187	0.016	ppbv	95
74) n-Butylbenzene	13.102	91	2951	0.020	ppbv	94
75) 1,2,4-Trichlorobenzene	14.143	180	1379	0.028	ppbv	87
76) Naphthalene	14.249	128	2610	0.025	ppbv#	95
77) Hexachlorobutadiene	14.492	225	1149	0.022	ppbv	79
79] 1,2-Dichlorotetrafluor...	4.202	85	773m	0.011	ppbv	79
80] Vinyl Chloride(sim)	4.307	62	346m	0.011	ppbv	94
81] Bromomethane(sim)	4.664	94	340m	0.012	ppbv	40
82] Trichlorofluoromethane...	5.393	101	891	0.011	ppbv#	91
83] 1,2-Dichloroethane(sim)	7.886	62	541m	0.011	ppbv	56
84] 1,1,1-Trichloroethane(...	8.048	97	801	0.012	ppbv#	94
85] Benzene(sim)	8.337	78	2336m	0.022	ppbv	58
86] Carbon Tetrachloride(sim)	8.424	117	807	0.011	ppbv	95
87] 1,1-Dichloroethene(sim)	5.851	61	579m	0.011	ppbv	79
88] Trichlorotrifluoroetha...	6.101	101	683	0.011	ppbv#	92
89] Trans-1,2-Dichloroethe...	6.556	61	595m	0.012	ppbv	73
90] 1,1-Dichloroethane(sim)	6.694	63	733	0.012	ppbv#	89
91] Cis-1,2-Dichloroethene...	7.229	61	529m	0.011	ppbv	78
92] Chloroform(sim)	7.416	83	1081	0.016	ppbv#	82
94] 1,2-dichloropropane(sim)	8.822	63	506	0.012	ppbv#	84
95] Bromodichloromethane(sim)	8.934	83	781m	0.011	ppbv	79
96] Trichloroethene(sim)	8.960	130	452	0.011	ppbv	98
97] 1,4-Dioxane(sim)	8.960	88	155m	0.008	ppbv	1
98] cis-1,3-Dichloropropen...	9.448	75	648	0.011	ppbv	93
99] 1,1,2-Trichloroethane(...	9.857	97	420m	0.011	ppbv	55
100] Dibromochloromethane(sim)	10.272	129	800	0.011	ppbv	98
101] 1,2-Dibromoethane(EDB)...	10.420	107	681m	0.011	ppbv	90
102] Tetrachloroethene(sim)	10.659	166	615	0.012	ppbv	91
104] Bromoform(sim)	11.405	173	713	0.011	ppbv	98
105] m,p-Xylene(sim)	11.330	91	3116m	0.028	ppbv	85
106] 1,1,2,2-Tetrachloroeth...	11.595	83	1011	0.012	ppbv	98
107] Benzyl chloride(sim)	12.688	91	1076m	0.011	ppbv	72
108] 1,3-Dichlorobenzene(sim)	12.703	146	1276	0.014	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.741	146	1191m	0.015	ppbv	90

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_12.D
Acq On : 25 Mar 2025 4:07 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 26 08:32:45 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

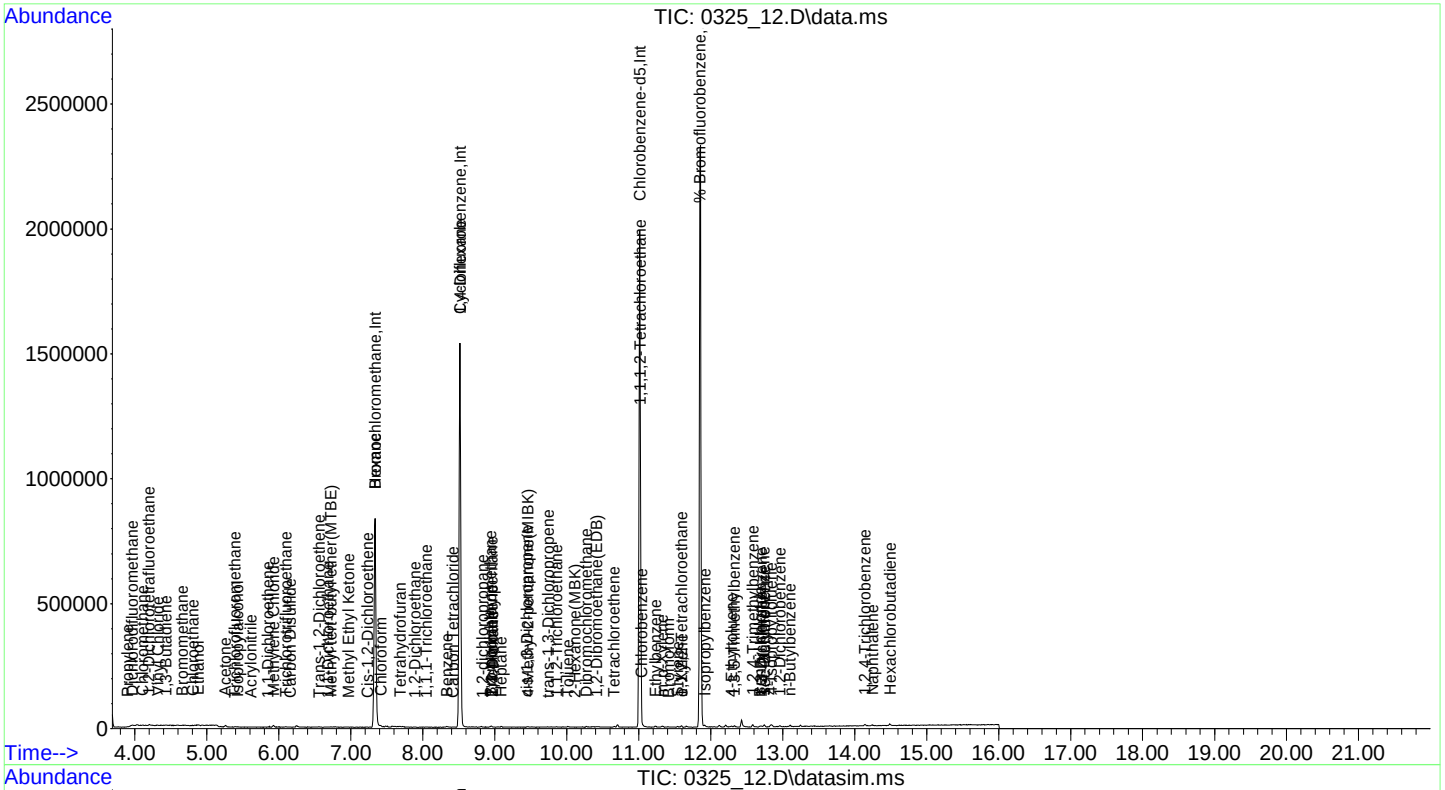
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	2126	0.015	ppbv	97
111] 4-Isopropyltoluene(sim)	12.832	119	3752m	0.020	ppbv	91
112] 1,2-Dichlorobenzene(sim)	12.961	146	1190	0.014	ppbv	95
113] n-Butylbenzene(sim)	13.098	91	2772m	0.018	ppbv	94
114] 1,2,4-Trichlorobenzene...	14.146	180	1371	0.044	ppbv	99
116] Hexachlorobutadiene(sim)	14.488	225	1362	0.032	ppbv	99

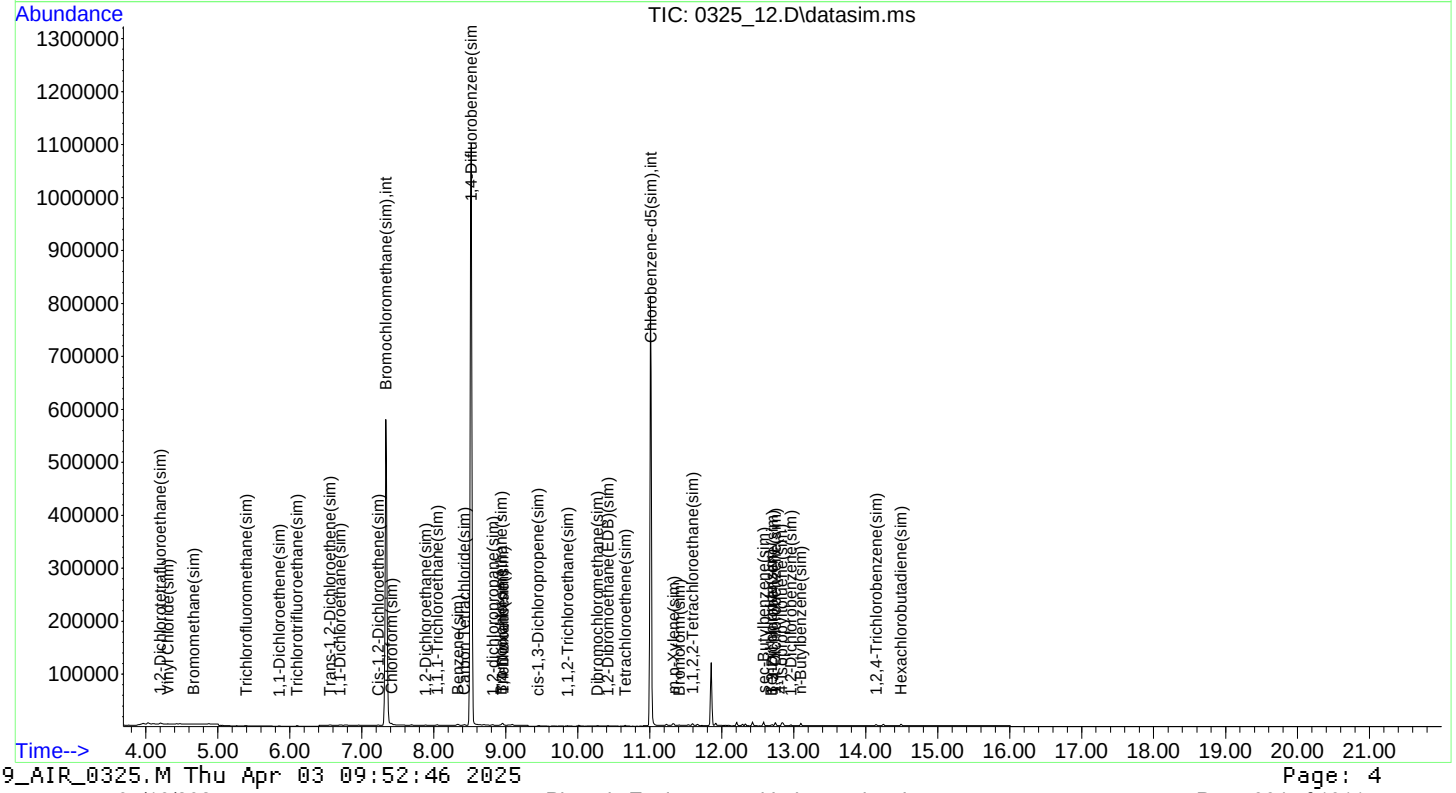
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_12.D
Acq On : 25 Mar 2025 4:07 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 26 08:32:45 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_13.D
Acq On : 25 Mar 2025 4:45 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 26 08:33:41 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.340	130	266920	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	991727	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	514982	10.000	ng		0.00
78) Bromochloromethane(sim)	7.343	130	264562	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	991727	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	514982	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.857	95	703414	14.119	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 141.20%#				
Target Compounds							Qvalue
2) Propylene	3.899	41	971	0.039	ppbv#		32
3) Dichlorodifluoromethane	3.964	85	1667	0.023	ppbv#		36
4) Chloromethane	4.110	50	1183	0.039	ppbv		90
5) 1,2-Dichlorotetrafluor...	4.199	85	1567	0.023	ppbv#		96
6) Vinyl Chloride	4.312	62	725	0.024	ppbv#		41
7) 1,3-Butadiene	4.434	54	1091	0.043	ppbv#		34
8) Bromomethane	4.653	94	1480	0.059	ppbv#		65
9) Chloroethane	4.807	64	485	0.036	ppbv#		17
11) Ethanol	4.880	45	870	0.059	ppbv		93
12) Acetone	5.262	43	6539	0.121	ppbv		90
13) Trichlorofluoromethane	5.397	101	1469	0.020	ppbv#		76
14) Isopropylalcohol	5.433	45	2080	0.035	ppbv#		72
15) Acrylonitrile	5.593	53	624	0.026	ppbv#		34
16) 1,1-Dichloroethene	5.860	61	977	0.019	ppbv		89
17) Methylene Chloride	5.931	49	4330	0.103	ppbv#		81
20) Carbon Disulfide	6.157	76	1882	0.025	ppbv		98
21) Trichlorotrifluoroethane	6.104	101	1272	0.022	ppbv#		89
22) Trans-1,2-Dichloroethene	6.553	61	1118	0.023	ppbv#		84
23) 1,1-Dichloroethane	6.691	63	1421	0.026	ppbv		85
24) Methyl tert-butyl ethe...	6.732	73	1883	0.025	ppbv#		61
25) Methyl Ethyl Ketone	6.967	43	1312	0.019	ppbv#		79
26) Cis-1,2-Dichloroethene	7.235	61	888	0.020	ppbv#		83
27) Hexane	7.348	57	1364	0.026	ppbv#		83
28) Chloroform	7.413	83	1731	0.028	ppbv		88
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.689	42	1391	0.040	ppbv#		81
31) 1,2-Dichloroethane	7.892	62	991	0.022	ppbv#		84
32) 1,1,1-Trichloroethane	8.046	97	1365	0.022	ppbv#		87
33) Benzene	8.334	78	3683	0.043	ppbv#		57
34) Carbon Tetrachloride	8.429	117	1245	0.019	ppbv		84
35) Cyclohexane	8.516	84	1271	0.038	ppbv#		1
37) 1,2-dichloropropane	8.819	63	1126	0.029	ppbv#		69
38) Bromodichloromethane	8.931	83	1472	0.022	ppbv		82
39) Trichloroethene	8.957	130	968	0.025	ppbv#		82
40) 2,2,4-trimethylpentane	8.957	57	3692	0.023	ppbv#		70
41) 1,4-Dioxane	8.974	88	214	0.011	ppbv#		76
43) Heptane	9.096	43	2687	0.040	ppbv#		81
44) cis-1,3-Dichloropropene	9.446	75	971	0.018	ppbv#		9
45) 4-Methyl-2-pentanone(M...	9.460	43	2746	0.032	ppbv#		75
46) trans-1,3-Dichloropropene	9.741	75	729	0.017	ppbv#		10
47) 1,1,2-Trichloroethane	9.854	97	609	0.017	ppbv#		70
48) Toluene	10.016	91	2867	0.027	ppbv		98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_13.D
Acq On : 25 Mar 2025 4:45 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 26 08:33:41 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	1452	0.020	ppbv#	96
50) 2-Hexanone(MBK)	10.142	43	875	0.011	ppbv#	68
51) 1,2-Dibromoethane(EDB)	10.417	107	1432	0.023	ppbv	82
52) Tetrachloroethene	10.656	166	1198	0.024	ppbv	91
54) 1,1,1,2-Tetrachloroethane	11.031	131	963	0.021	ppbv#	74
55) Chlorobenzene	11.046	112	1859	0.024	ppbv#	1
56) Ethylbenzene	11.228	91	4149	0.031	ppbv	83
57) m,p-Xylene	11.327	91	5389	0.054	ppbv	99
58) Bromoform	11.410	173	1472	0.023	ppbv#	82
59) Styrene	11.531	104	1665	0.022	ppbv#	64
60) 1,1,2,2-Tetrachloroethane	11.592	83	1672	0.022	ppbv	92
61) o-Xylene	11.592	91	3207	0.030	ppbv	90
64) Isopropylbenzene	11.918	105	4740	0.033	ppbv#	88
65) 4-Ethyltoluene	12.290	105	4623	0.032	ppbv#	95
66) 1,3,5-Trimethylbenzene	12.328	105	3634	0.031	ppbv	99
67) 1,2,4-Trimethylbenzene	12.579	105	3480	0.028	ppbv#	83
68) Benzyl chloride	12.685	91	2042	0.020	ppbv#	90
69) 1,3-Dichlorobenzene	12.700	146	2040	0.024	ppbv	97
70) 1,4-Dichlorobenzene	12.738	146	1852	0.025	ppbv	92
71) sec-Butylbenzene	12.746	105	5318	0.030	ppbv#	81
72) 4-Isopropyltoluene	12.837	119	5522	0.034	ppbv	96
73) 1,2-Dichlorobenzene	12.958	146	1757	0.023	ppbv#	89
74) n-Butylbenzene	13.103	91	4207	0.029	ppbv	96
75) 1,2,4-Trichlorobenzene	14.143	180	1528	0.031	ppbv	93
76) Naphthalene	14.242	128	3021	0.029	ppbv#	82
77) Hexachlorobutadiene	14.492	225	1685	0.032	ppbv	91
79] 1,2-Dichlorotetrafluor...	4.202	85	1501m	0.021	ppbv	94
80] Vinyl Chloride(sim)	4.315	62	679	0.021	ppbv	91
81] Bromomethane(sim)	4.664	94	809m	0.029	ppbv	65
82] Trichlorofluoromethane...	5.393	101	1707	0.021	ppbv#	98
83] 1,2-Dichloroethane(sim)	7.886	62	984m	0.021	ppbv	84
84] 1,1,1-Trichloroethane(...	8.049	97	1454	0.021	ppbv#	96
85] Benzene(sim)	8.337	78	3303m	0.032	ppbv	57
86] Carbon Tetrachloride(sim)	8.424	117	1485	0.021	ppbv	98
87] 1,1-Dichloroethene(sim)	5.851	61	1176m	0.022	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	1299	0.021	ppbv#	97
89] Trans-1,2-Dichloroethe...	6.556	61	1071m	0.022	ppbv	84
90] 1,1-Dichloroethane(sim)	6.694	63	1264	0.021	ppbv#	90
91] Cis-1,2-Dichloroethene...	7.229	61	1059m	0.022	ppbv	83
92] Chloroform(sim)	7.416	83	1733	0.025	ppbv#	93
94] 1,2-dichloropropane(sim)	8.822	63	896m	0.021	ppbv	90
95] Bromodichloromethane(sim)	8.934	83	1440m	0.021	ppbv	65
96] Trichloroethene(sim)	8.960	130	885	0.021	ppbv	99
97] 1,4-Dioxane(sim)	8.960	88	432m	0.023	ppbv	76
98] cis-1,3-Dichloropropen...	9.448	75	1283	0.022	ppbv	94
99] 1,1,2-Trichloroethane(...	9.857	97	808m	0.021	ppbv	70
100] Dibromochloromethane(sim)	10.272	129	1554	0.021	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.420	107	1333m	0.021	ppbv	82
102] Tetrachloroethene(sim)	10.659	166	1185	0.022	ppbv	95
104] Bromoform(sim)	11.413	173	1356	0.021	ppbv	99
105] m,p-Xylene(sim)	11.330	91	5950m	0.054	ppbv	99
106] 1,1,2,2-Tetrachloroeth...	11.595	83	1877	0.021	ppbv	98
107] Benzyl chloride(sim)	12.688	91	2019m	0.021	ppbv	90
108] 1,3-Dichlorobenzene(sim)	12.703	146	2127	0.023	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.741	146	1951m	0.025	ppbv	92

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_13.D
Acq On : 25 Mar 2025 4:45 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 26 08:33:41 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

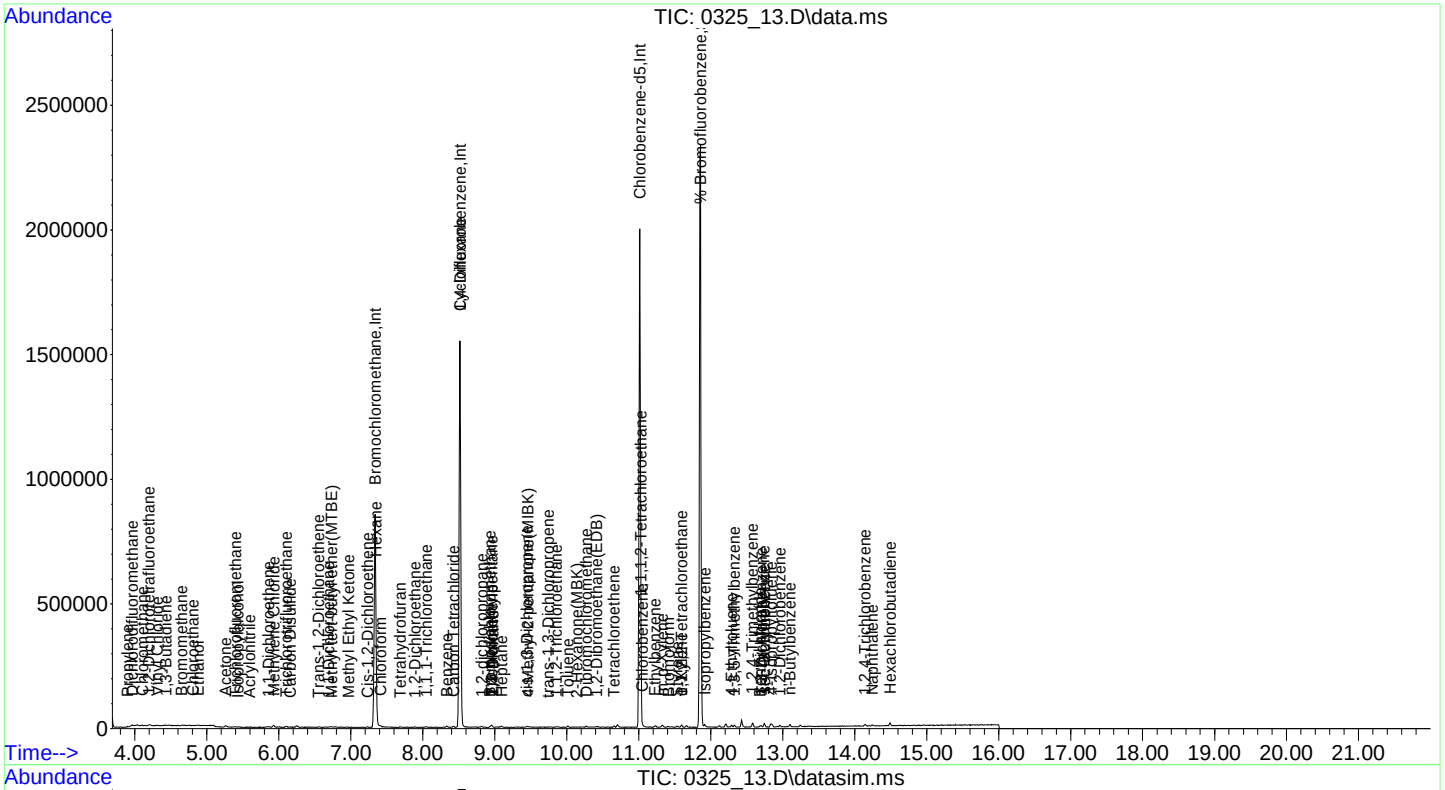
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	3570	0.024	ppbv	98
111] 4-Isopropyltoluene(sim)	12.832	119	5718m	0.031	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	2014	0.024	ppbv	100
113] n-Butylbenzene(sim)	13.098	91	4605m	0.030	ppbv	96
114] 1,2,4-Trichlorobenzene...	14.146	180	1641	0.052	ppbv	99
116] Hexachlorobutadiene(sim)	14.495	225	1832	0.044	ppbv	98

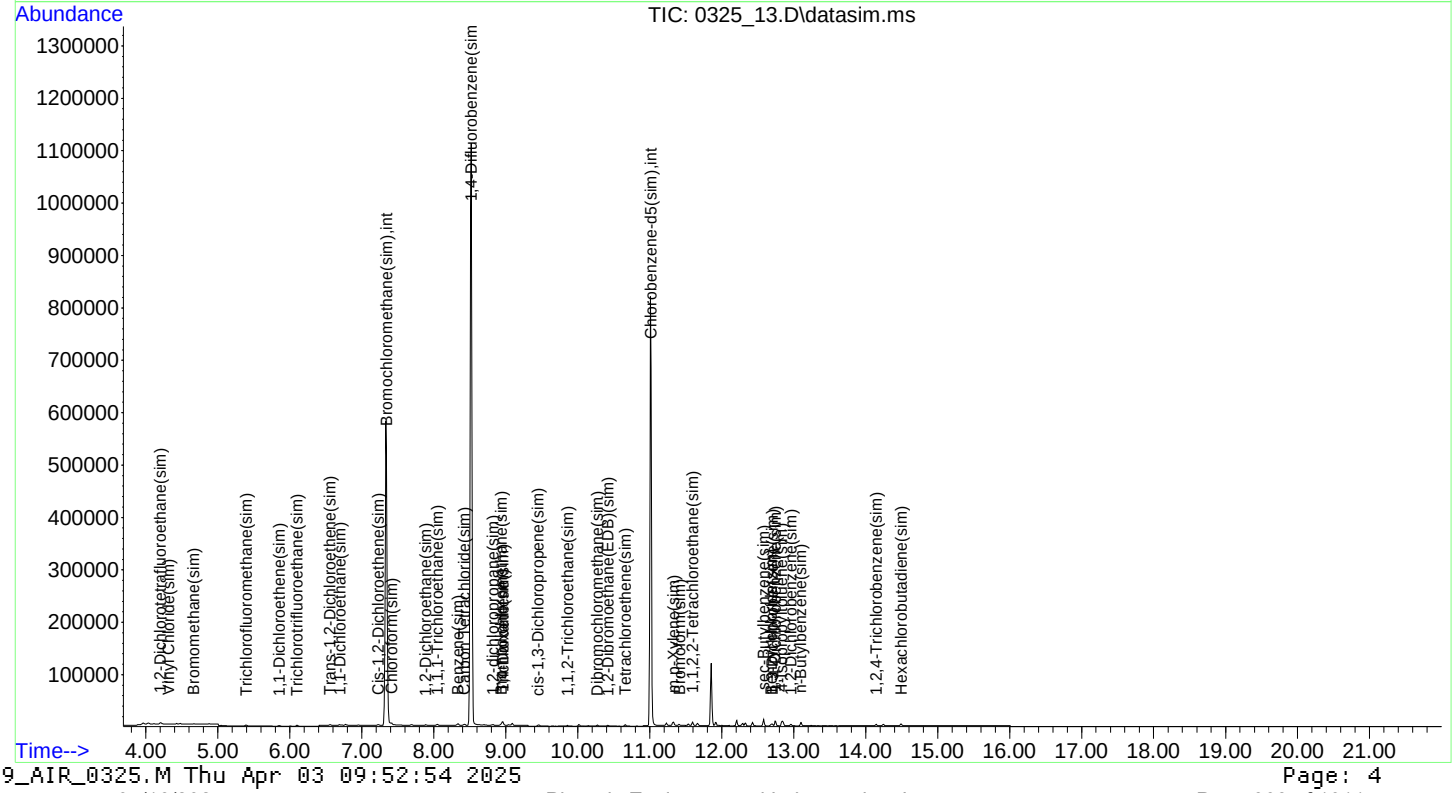
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_13.D
Acq On : 25 Mar 2025 4:45 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 26 08:33:41 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_14.D
Acq On : 25 Mar 2025 5:23 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 26 08:35:10 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	261740	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	972095	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	507418	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	259725	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	972095	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	507418	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.857	95	693023	14.118	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 141.20%#				
Target Compounds							Qvalue
2) Propylene	3.891	41	2970	0.123	ppbv#		82
3) Dichlorodifluoromethane	3.956	85	2685	0.038	ppbv#		77
4) Chloromethane	4.102	50	1758	0.059	ppbv		87
5) 1,2-Dichlorotetrafluor...	4.191	85	2589	0.039	ppbv#		94
6) Vinyl Chloride	4.304	62	1321	0.045	ppbv#		60
7) 1,3-Butadiene	4.426	54	1279	0.051	ppbv#		59
8) Bromomethane	4.653	94	1744	0.071	ppbv#		70
9) Chloroethane	4.799	64	678	0.052	ppbv#		52
11) Ethanol	4.880	45	1281	0.089	ppbv#		58
12) Acetone	5.249	43	7252	0.137	ppbv		94
13) Trichlorofluoromethane	5.378	101	2654	0.036	ppbv#		84
14) Isopropylalcohol	5.427	45	3203	0.056	ppbv#		96
15) Acrylonitrile	5.599	53	766	0.033	ppbv#		43
16) 1,1-Dichloroethene	5.848	61	1832	0.037	ppbv		90
17) Methylene Chloride	5.919	49	4601	0.112	ppbv#		82
20) Carbon Disulfide	6.152	76	2899	0.040	ppbv#		81
21) Trichlorotrifluoroethane	6.092	101	2336	0.041	ppbv		92
22) Trans-1,2-Dichloroethene	6.553	61	1769	0.038	ppbv		94
23) 1,1-Dichloroethane	6.683	63	2098	0.039	ppbv		95
24) Methyl tert-butyl ethe...	6.724	73	2944	0.040	ppbv#		78
25) Methyl Ethyl Ketone	6.943	43	2532	0.038	ppbv#		91
26) Cis-1,2-Dichloroethene	7.227	61	1685	0.038	ppbv		94
27) Hexane	7.348	57	2051	0.041	ppbv#		26
28) Chloroform	7.413	83	2589	0.043	ppbv		93
29) Ethyl acetate	7.340	61	187	0.016	ppbv#		31
30) Tetrahydrofuran	7.681	42	1923	0.057	ppbv#		90
31) 1,2-Dichloroethane	7.883	62	1434	0.033	ppbv#		90
32) 1,1,1-Trichloroethane	8.046	97	2238	0.036	ppbv		94
33) Benzene	8.334	78	4767	0.057	ppbv#		73
34) Carbon Tetrachloride	8.429	117	2687	0.041	ppbv		89
35) Cyclohexane	8.507	84	1748	0.054	ppbv#		1
37) 1,2-dichloropropane	8.818	63	1729	0.046	ppbv#		56
38) Bromodichloromethane	8.931	83	2208	0.034	ppbv		93
39) Trichloroethene	8.957	130	1530	0.040	ppbv#		88
40) 2,2,4-trimethylpentane	8.957	57	6348	0.040	ppbv#		91
41) 1,4-Dioxane	8.957	88	643	0.035	ppbv#		89
43) Heptane	9.086	43	3697	0.057	ppbv#		90
44) cis-1,3-Dichloropropene	9.452	75	1964	0.037	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.452	43	3859	0.046	ppbv#		90
46) trans-1,3-Dichloropropene	9.741	75	1254	0.029	ppbv#		92
47) 1,1,2-Trichloroethane	9.853	97	1262	0.036	ppbv		87
48) Toluene	10.022	91	4879	0.047	ppbv		94

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_14.D
Acq On : 25 Mar 2025 5:23 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 26 08:35:10 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.269	129	2514	0.036	ppbv	95
50)	2-Hexanone(MBK)	10.142	43	2258	0.029	ppbv#	90
51)	1,2-Dibromoethane(EDB)	10.416	107	2047	0.034	ppbv	88
52)	Tetrachloroethene	10.663	166	1914	0.038	ppbv	93
54)	1,1,1,2-Tetrachloroethane	11.023	131	1785	0.040	ppbv#	94
55)	Chlorobenzene	11.038	112	3037	0.040	ppbv#	1
56)	Ethylbenzene	11.235	91	5704	0.044	ppbv	88
57)	m,p-Xylene	11.326	91	8652	0.087	ppbv	97
58)	Bromoform	11.410	173	2220	0.035	ppbv	96
59)	Styrene	11.538	104	2583	0.035	ppbv#	79
60)	1,1,2,2-Tetrachloroethane	11.592	83	2964	0.039	ppbv#	87
61)	o-Xylene	11.592	91	4819	0.045	ppbv	99
64)	Isopropylbenzene	11.918	105	7119	0.051	ppbv#	90
65)	4-Ethyltoluene	12.289	105	6608	0.046	ppbv#	88
66)	1,3,5-Trimethylbenzene	12.327	105	5499	0.047	ppbv	95
67)	1,2,4-Trimethylbenzene	12.586	105	5455	0.045	ppbv#	88
68)	Benzyl chloride	12.684	91	3731	0.037	ppbv#	93
69)	1,3-Dichlorobenzene	12.700	146	3129	0.038	ppbv	96
70)	1,4-Dichlorobenzene	12.738	146	2921	0.039	ppbv	96
71)	sec-Butylbenzene	12.745	105	8055	0.047	ppbv#	94
72)	4-Isopropyltoluene	12.836	119	7626	0.047	ppbv	96
73)	1,2-Dichlorobenzene	12.958	146	3011	0.040	ppbv	98
74)	n-Butylbenzene	13.102	91	5778	0.041	ppbv	95
75)	1,2,4-Trichlorobenzene	14.142	180	1813	0.038	ppbv	95
76)	Naphthalene	14.241	128	3980	0.039	ppbv#	97
77)	Hexachlorobutadiene	14.492	225	2534	0.049	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.194	85	2770m	0.039	ppbv	94
80]	Vinyl Chloride(sim)	4.307	62	1159	0.036	ppbv	93
81]	Bromomethane(sim)	4.656	94	925m	0.033	ppbv	70
82]	Trichlorofluoromethane...	5.387	101	2887	0.036	ppbv#	99
83]	1,2-Dichloroethane(sim)	7.886	62	1756m	0.038	ppbv	90
84]	1,1,1-Trichloroethane(...	8.049	97	2430	0.036	ppbv#	97
85]	Benzene(sim)	8.328	78	5037m	0.049	ppbv	73
86]	Carbon Tetrachloride(sim)	8.423	117	2510	0.036	ppbv	98
87]	1,1-Dichloroethene(sim)	5.845	61	1993m	0.037	ppbv	90
88]	Trichlorotrifluoroetha...	6.095	101	2183	0.036	ppbv#	96
89]	Trans-1,2-Dichloroethe...	6.556	61	1820m	0.037	ppbv	94
90]	1,1-Dichloroethane(sim)	6.686	63	2128	0.035	ppbv#	89
91]	Cis-1,2-Dichloroethene...	7.227	61	1685	0.036	ppbv	94
92]	Chloroform(sim)	7.408	83	2734	0.040	ppbv	94
94]	1,2-dichloropropane(sim)	8.813	63	1557	0.037	ppbv	94
95]	Bromodichloromethane(sim)	8.934	83	2587m	0.038	ppbv	95
96]	Trichloroethene(sim)	8.960	130	1492	0.036	ppbv	98
97]	1,4-Dioxane(sim)	8.960	88	660m	0.036	ppbv	89
98]	cis-1,3-Dichloropropen...	9.448	75	2059	0.036	ppbv	94
99]	1,1,2-Trichloroethane(...	9.856	97	1378m	0.037	ppbv	87
100]	Dibromochloromethane(sim)	10.272	129	2585	0.036	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.412	107	2232m	0.036	ppbv	88
102]	Tetrachloroethene(sim)	10.659	166	1948	0.037	ppbv	95
104]	Bromoform(sim)	11.412	173	2226	0.035	ppbv	99
105]	m,p-Xylene(sim)	11.329	91	9333m	0.086	ppbv	96
106]	1,1,2,2-Tetrachloroeth...	11.594	83	3102	0.036	ppbv	98
107]	Benzyl chloride(sim)	12.680	91	3475m	0.037	ppbv	93
108]	1,3-Dichlorobenzene(sim)	12.702	146	3349	0.037	ppbv	98
109]	1,4-Dichlorobenzene(sim)	12.740	146	2954m	0.038	ppbv	96

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_14.D
Acq On : 25 Mar 2025 5:23 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 26 08:35:10 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

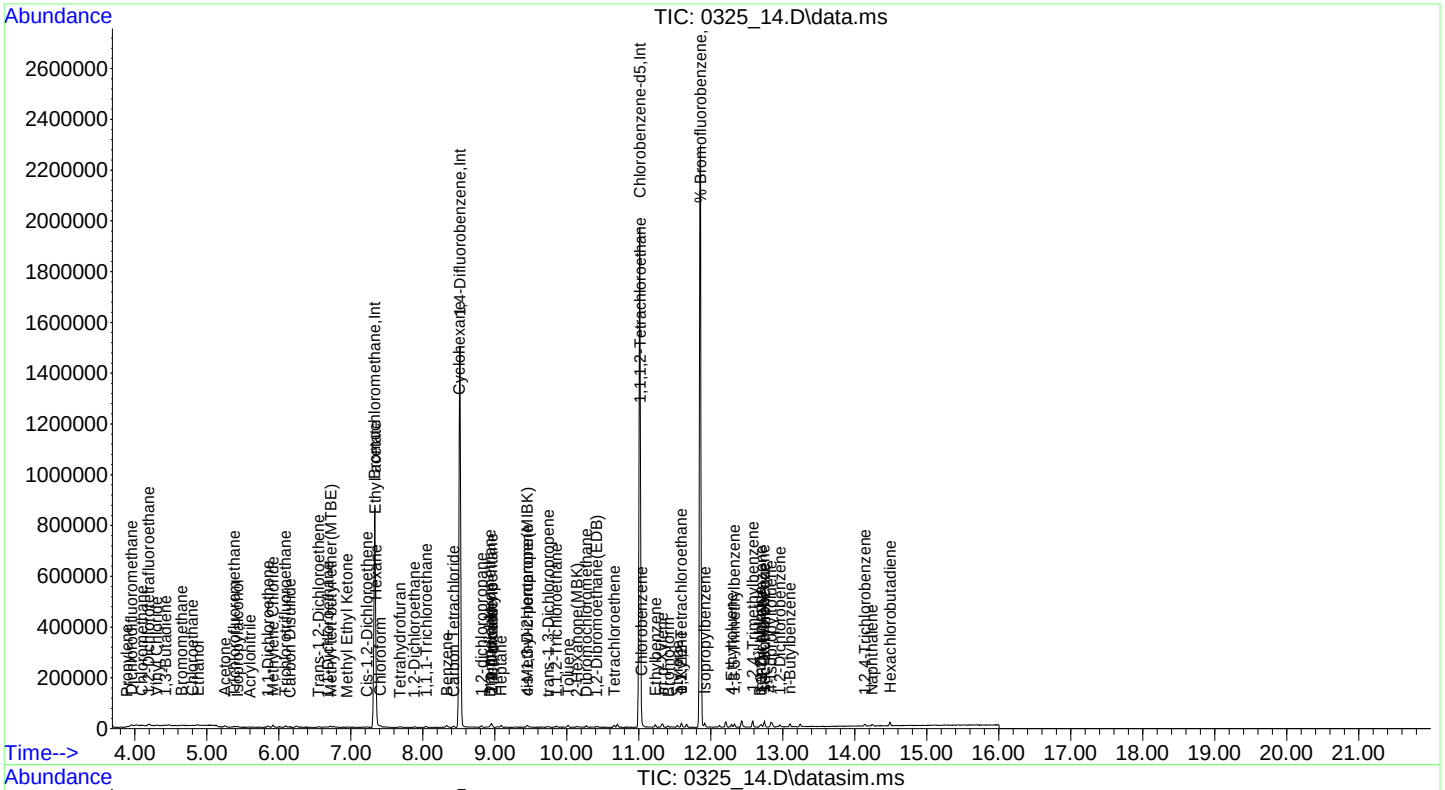
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	5458	0.038	ppbv	96
111] 4-Isopropyltoluene(sim)	12.836	119	7626	0.042	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	3104	0.037	ppbv	99
113] n-Butylbenzene(sim)	13.102	91	5778	0.038	ppbv	95
114] 1,2,4-Trichlorobenzene...	14.145	180	2103	0.068	ppbv	96
116] Hexachlorobutadiene(sim)	14.495	225	2533	0.061	ppbv	99

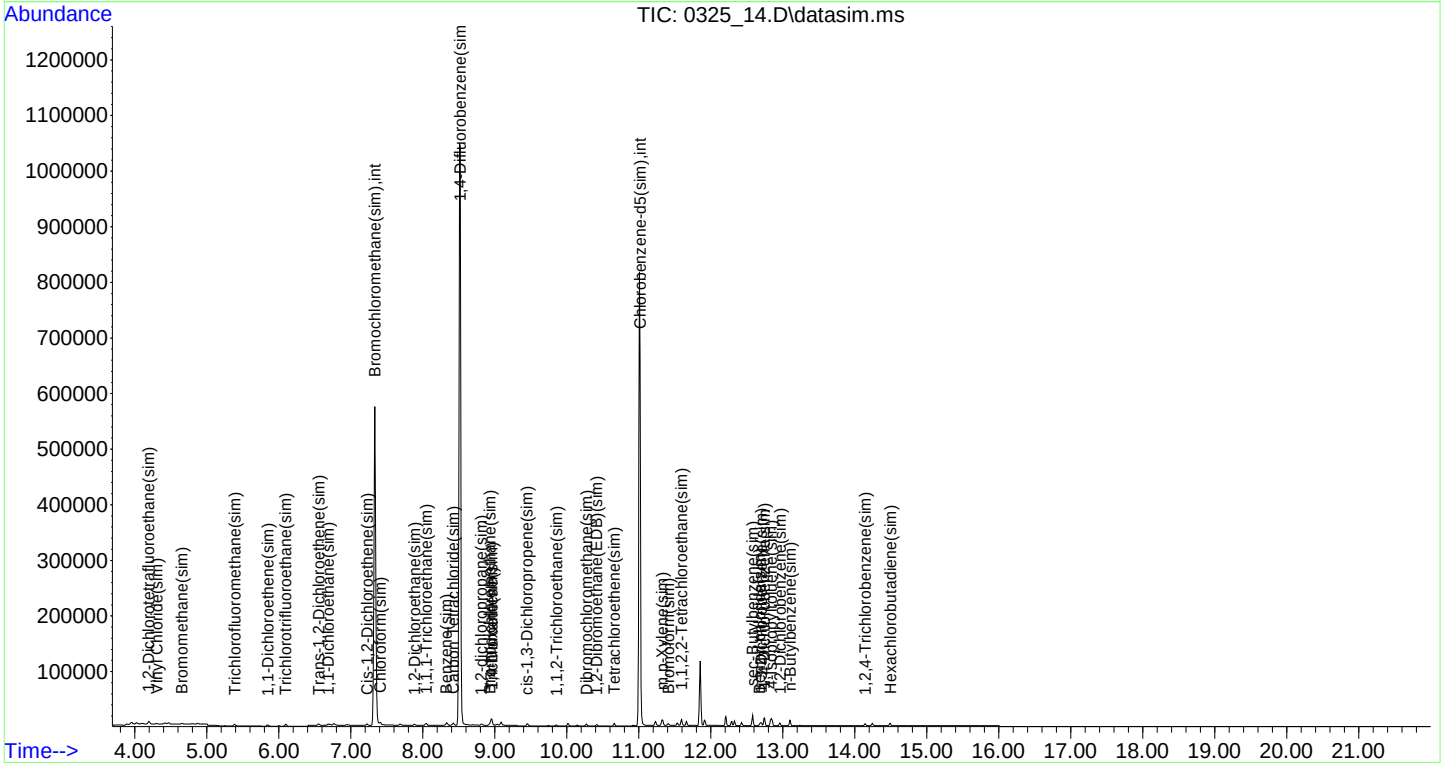
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_14.D
Acq On : 25 Mar 2025 5:23 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 26 08:35:10 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_15.D
Acq On : 25 Mar 2025 6:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 08:35:44 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	261368	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	979038	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	509987	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	261619	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	979038	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	509987	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	700761	14.204	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 142.00%#				
Target Compounds							Qvalue
2) Propylene	3.891	41	2243	0.093	ppbv		84
3) Dichlorodifluoromethane	3.956	85	4016	0.058	ppbv#		62
4) Chloromethane	4.102	50	2334	0.079	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.191	85	3583	0.054	ppbv		94
6) Vinyl Chloride	4.296	62	1683	0.057	ppbv		78
7) 1,3-Butadiene	4.426	54	1621	0.065	ppbv#		66
8) Bromomethane	4.661	94	2030	0.083	ppbv#		82
9) Chloroethane	4.799	64	1059	0.081	ppbv#		57
11) Ethanol	4.880	45	2493	0.173	ppbv#		86
12) Acetone	5.255	43	8014	0.151	ppbv		97
13) Trichlorofluoromethane	5.390	101	3829	0.052	ppbv		92
14) Isopropylalcohol	5.427	45	4773	0.083	ppbv#		94
15) Acrylonitrile	5.593	53	1343	0.058	ppbv#		36
16) 1,1-Dichloroethene	5.842	61	2450	0.050	ppbv#		79
17) Methylene Chloride	5.925	49	5287	0.129	ppbv#		79
20) Carbon Disulfide	6.151	76	3958	0.054	ppbv#		73
21) Trichlorotrifluoroethane	6.098	101	3090	0.055	ppbv		92
22) Trans-1,2-Dichloroethene	6.562	61	2540	0.054	ppbv		91
23) 1,1-Dichloroethane	6.683	63	3405	0.063	ppbv		95
24) Methyl tert-butyl ethe...	6.724	73	4329	0.059	ppbv#		79
25) Methyl Ethyl Ketone	6.951	43	3216	0.049	ppbv#		94
26) Cis-1,2-Dichloroethene	7.227	61	2345	0.053	ppbv#		88
27) Hexane	7.340	57	2879	0.057	ppbv#		81
28) Chloroform	7.405	83	3565	0.060	ppbv		99
29) Ethyl acetate	7.340	61	330	0.029	ppbv#		31
30) Tetrahydrofuran	7.689	42	2180	0.064	ppbv#		92
31) 1,2-Dichloroethane	7.891	62	2232	0.051	ppbv		91
32) 1,1,1-Trichloroethane	8.046	97	3210	0.052	ppbv		97
33) Benzene	8.334	78	6357	0.076	ppbv#		81
34) Carbon Tetrachloride	8.420	117	3535	0.054	ppbv		99
35) Cyclohexane	8.507	84	2399	0.074	ppbv#		16
37) 1,2-dichloropropane	8.818	63	2324	0.061	ppbv#		83
38) Bromodichloromethane	8.939	83	3271	0.050	ppbv		97
39) Trichloroethene	8.957	130	2130	0.055	ppbv		91
40) 2,2,4-trimethylpentane	8.957	57	9064	0.056	ppbv#		85
41) 1,4-Dioxane	8.957	88	819	0.044	ppbv		91
43) Heptane	9.095	43	5011	0.076	ppbv		91
44) cis-1,3-Dichloropropene	9.445	75	2414	0.045	ppbv#		45
45) 4-Methyl-2-pentanone(M...	9.452	43	4703	0.055	ppbv#		95
46) trans-1,3-Dichloropropene	9.741	75	2191	0.050	ppbv#		75
47) 1,1,2-Trichloroethane	9.853	97	1830	0.051	ppbv		90
48) Toluene	10.015	91	6315	0.060	ppbv		98

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_15.D
Acq On : 25 Mar 2025 6:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 08:35:44 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	3496	0.049	ppbv#	93
50) 2-Hexanone(MBK)	10.149	43	4084	0.052	ppbv#	92
51) 1,2-Dibromoethane(EDB)	10.416	107	2927	0.048	ppbv	91
52) Tetrachloroethene	10.656	166	2520	0.050	ppbv	90
54) 1,1,1,2-Tetrachloroethane	11.030	131	2177	0.049	ppbv	85
55) Chlorobenzene	11.038	112	4531	0.059	ppbv#	1
56) Ethylbenzene	11.228	91	7992	0.061	ppbv	94
57) m,p-Xylene	11.326	91	12604	0.126	ppbv	99
58) Bromoform	11.410	173	3081	0.048	ppbv	95
59) Styrene	11.538	104	4005	0.054	ppbv	95
60) 1,1,2,2-Tetrachloroethane	11.591	83	3939	0.051	ppbv	94
61) o-Xylene	11.591	91	6451	0.060	ppbv	96
64) Isopropylbenzene	11.918	105	8810	0.063	ppbv#	95
65) 4-Ethyltoluene	12.289	105	9576	0.066	ppbv#	94
66) 1,3,5-Trimethylbenzene	12.327	105	7444	0.063	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.586	105	7405	0.061	ppbv	94
68) Benzyl chloride	12.684	91	4248	0.042	ppbv	96
69) 1,3-Dichlorobenzene	12.699	146	4336	0.052	ppbv	98
70) 1,4-Dichlorobenzene	12.737	146	4183	0.056	ppbv	97
71) sec-Butylbenzene	12.745	105	10573	0.061	ppbv#	91
72) 4-Isopropyltoluene	12.836	119	10177	0.063	ppbv	96
73) 1,2-Dichlorobenzene	12.958	146	4010	0.054	ppbv	97
74) n-Butylbenzene	13.102	91	8587	0.060	ppbv	97
75) 1,2,4-Trichlorobenzene	14.142	180	2307	0.048	ppbv	98
76) Naphthalene	14.241	128	4612	0.045	ppbv#	92
77) Hexachlorobutadiene	14.492	225	3449	0.067	ppbv	92
79] 1,2-Dichlorotetrafluor...	4.194	85	3725m	0.052	ppbv	94
80] Vinyl Chloride(sim)	4.307	62	1653	0.051	ppbv	97
81] Bromomethane(sim)	4.656	94	1561m	0.056	ppbv	81
82] Trichlorofluoromethane...	5.387	101	4033	0.050	ppbv#	99
83] 1,2-Dichloroethane(sim)	7.886	62	2485m	0.053	ppbv	91
84] 1,1,1-Trichloroethane(...	8.049	97	3447	0.050	ppbv#	95
85] Benzene(sim)	8.328	78	6458m	0.062	ppbv	81
86] Carbon Tetrachloride(sim)	8.423	117	3665	0.052	ppbv	98
87] 1,1-Dichloroethene(sim)	5.845	61	2897m	0.054	ppbv	79
88] Trichlorotrifluoroetha...	6.101	101	3127	0.051	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.556	61	2599m	0.053	ppbv	91
90] 1,1-Dichloroethane(sim)	6.686	63	2983	0.049	ppbv	94
91] Cis-1,2-Dichloroethene...	7.221	61	2506m	0.053	ppbv	88
92] Chloroform(sim)	7.408	83	3636	0.053	ppbv	99
94] 1,2-dichloropropane(sim)	8.812	63	2135	0.050	ppbv	91
95] Bromodichloromethane(sim)	8.934	83	3547m	0.052	ppbv	97
96] Trichloroethene(sim)	8.960	130	2120	0.051	ppbv	95
97] 1,4-Dioxane(sim)	8.960	88	942m	0.050	ppbv	91
98] cis-1,3-Dichloropropen...	9.448	75	2841	0.049	ppbv	93
99] 1,1,2-Trichloroethane(...	9.856	97	1974m	0.053	ppbv	94
100] Dibromochloromethane(sim)	10.271	129	3582	0.050	ppbv	100
101] 1,2-Dibromoethane(EDB)...	10.412	107	3139m	0.051	ppbv	91
102] Tetrachloroethene(sim)	10.659	166	2718	0.052	ppbv	94
104] Bromoform(sim)	11.405	173	3123	0.049	ppbv	99
105] m,p-Xylene(sim)	11.326	91	12604	0.115	ppbv	99
106] 1,1,2,2-Tetrachloroeth...	11.594	83	4340	0.050	ppbv	99
107] Benzyl chloride(sim)	12.684	91	4248	0.046	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.702	146	4402	0.049	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.737	146	4183	0.053	ppbv	97

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_15.D
Acq On : 25 Mar 2025 6:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 08:35:44 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

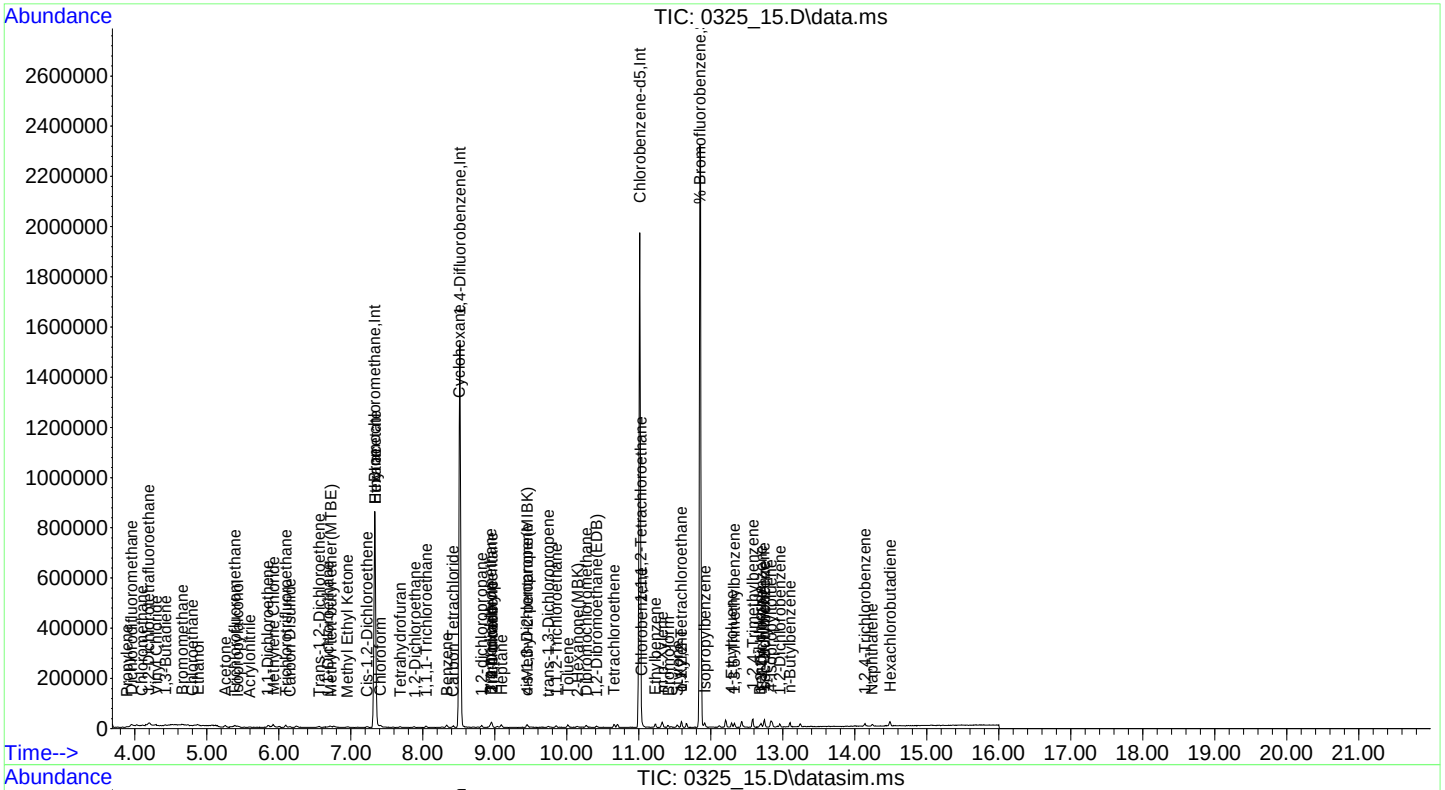
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	7491	0.052	ppbv	98
111] 4-Isopropyltoluene(sim)	12.836	119	10177	0.056	ppbv	97
112] 1,2-Dichlorobenzene(sim)	12.961	146	4313	0.051	ppbv	100
113] n-Butylbenzene(sim)	13.102	91	8587	0.057	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.145	180	2760	0.089	ppbv	98
116] Hexachlorobutadiene(sim)	14.487	225	3275	0.079	ppbv	99

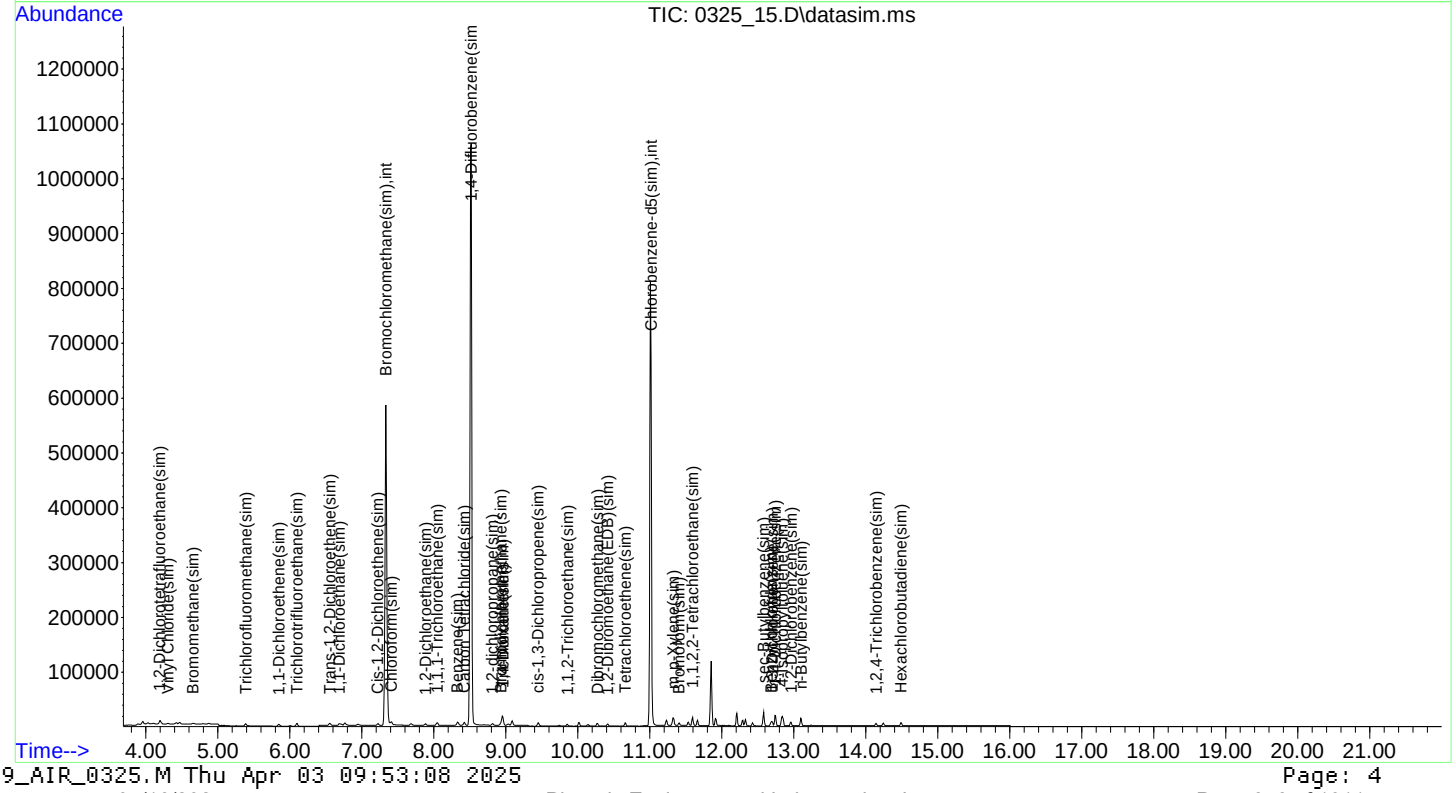
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_15.D
Acq On : 25 Mar 2025 6:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 08:35:44 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_16.D
Acq On : 25 Mar 2025 6:40 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 26 08:36:05 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	264312	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	989533	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	508978	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	262313	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	989533	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	508978	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	685976	13.931	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 139.30%#				
Target Compounds							Qvalue
2) Propylene	3.891	41	3684	0.151	ppbv		93
3) Dichlorodifluoromethane	3.956	85	6997	0.099	ppbv#		78
4) Chloromethane	4.110	50	3649	0.122	ppbv		91
5) 1,2-Dichlorotetrafluor...	4.199	85	6928	0.103	ppbv		94
6) Vinyl Chloride	4.313	62	3241	0.109	ppbv		84
7) 1,3-Butadiene	4.426	54	2768	0.110	ppbv#		80
8) Bromomethane	4.661	94	3670	0.148	ppbv#		80
9) Chloroethane	4.799	64	1694	0.128	ppbv#		82
11) Ethanol	4.880	45	2637	0.181	ppbv#		66
12) Acetone	5.262	43	9639	0.180	ppbv		96
13) Trichlorofluoromethane	5.391	101	7738	0.104	ppbv		98
14) Isopropylalcohol	5.427	45	6536	0.112	ppbv#		80
15) Acrylonitrile	5.593	53	2276	0.097	ppbv#		57
16) 1,1-Dichloroethene	5.848	61	5525	0.111	ppbv		96
17) Methylene Chloride	5.925	49	7243	0.175	ppbv#		83
20) Carbon Disulfide	6.157	76	7547	0.102	ppbv#		74
21) Trichlorotrifluoroethane	6.098	101	5763	0.101	ppbv		97
22) Trans-1,2-Dichloroethene	6.562	61	4887	0.103	ppbv		90
23) 1,1-Dichloroethane	6.691	63	5663	0.103	ppbv		97
24) Methyl tert-butyl ethe...	6.724	73	8111	0.109	ppbv		95
25) Methyl Ethyl Ketone	6.951	43	6748	0.101	ppbv		98
26) Cis-1,2-Dichloroethene	7.227	61	4481	0.101	ppbv		93
27) Hexane	7.348	57	5819	0.114	ppbv		96
28) Chloroform	7.413	83	6323	0.105	ppbv		96
29) Ethyl acetate	7.348	61	814	0.071	ppbv#		89
30) Tetrahydrofuran	7.681	42	3792	0.111	ppbv#		90
31) 1,2-Dichloroethane	7.883	62	4605	0.104	ppbv		96
32) 1,1,1-Trichloroethane	8.046	97	6614	0.106	ppbv		95
33) Benzene	8.334	78	10227	0.121	ppbv#		92
34) Carbon Tetrachloride	8.430	117	6687	0.102	ppbv		97
35) Cyclohexane	8.507	84	3944	0.120	ppbv#		43
37) 1,2-dichloropropane	8.819	63	4056	0.105	ppbv#		87
38) Bromodichloromethane	8.931	83	6607	0.100	ppbv		97
39) Trichloroethene	8.957	130	4060	0.104	ppbv		86
40) 2,2,4-trimethylpentane	8.957	57	17063	0.104	ppbv		97
41) 1,4-Dioxane	8.957	88	1648	0.088	ppbv		83
43) Heptane	9.096	43	8620	0.130	ppbv		95
44) cis-1,3-Dichloropropene	9.446	75	4935	0.091	ppbv		76
45) 4-Methyl-2-pentanone(M...	9.453	43	8191	0.096	ppbv#		93
46) trans-1,3-Dichloropropene	9.741	75	4273	0.097	ppbv		95
47) 1,1,2-Trichloroethane	9.847	97	3776	0.105	ppbv		90
48) Toluene	10.016	91	12027	0.113	ppbv		95

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_16.D
Acq On : 25 Mar 2025 6:40 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 26 08:36:05 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	7024	0.098	ppbv	96
50) 2-Hexanone(MBK)	10.135	43	7224	0.092	ppbv	98
51) 1,2-Dibromoethane(EDB)	10.417	107	5601	0.092	ppbv	86
52) Tetrachloroethene	10.663	166	5234	0.103	ppbv	97
54) 1,1,1,2-Tetrachloroethane	11.023	131	4545	0.102	ppbv	93
55) Chlorobenzene	11.039	112	8548	0.111	ppbv#	11
56) Ethylbenzene	11.236	91	14610	0.111	ppbv	95
57) m,p-Xylene	11.327	91	22962	0.231	ppbv	98
58) Bromoform	11.403	173	6142	0.096	ppbv	98
59) Styrene	11.539	104	7966	0.108	ppbv	92
60) 1,1,2,2-Tetrachloroethane	11.592	83	7944	0.104	ppbv	91
61) o-Xylene	11.592	91	11776	0.110	ppbv	96
64) Isopropylbenzene	11.918	105	15859	0.113	ppbv	96
65) 4-Ethyltoluene	12.290	105	16045	0.111	ppbv	98
66) 1,3,5-Trimethylbenzene	12.328	105	13097	0.111	ppbv	98
67) 1,2,4-Trimethylbenzene	12.586	105	12206	0.100	ppbv#	89
68) Benzyl chloride	12.685	91	7299	0.072	ppbv	99
69) 1,3-Dichlorobenzene	12.700	146	7891	0.096	ppbv	93
70) 1,4-Dichlorobenzene	12.738	146	7513	0.101	ppbv	98
71) sec-Butylbenzene	12.746	105	18796	0.108	ppbv	95
72) 4-Isopropyltoluene	12.837	119	16841	0.104	ppbv	99
73) 1,2-Dichlorobenzene	12.958	146	6922	0.093	ppbv	96
74) n-Butylbenzene	13.103	91	13341	0.093	ppbv	98
75) 1,2,4-Trichlorobenzene	14.143	180	2395	0.050	ppbv	92
76) Naphthalene	14.242	128	3795	0.037	ppbv#	92
77) Hexachlorobutadiene	14.492	225	4863	0.094	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.199	85	6928	0.096	ppbv	94
80] Vinyl Chloride(sim)	4.307	62	3216	0.099	ppbv	100
81] Bromomethane(sim)	4.664	94	2728m	0.097	ppbv	80
82] Trichlorofluoromethane...	5.393	101	8089	0.100	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.886	62	4734m	0.101	ppbv	96
84] 1,1,1-Trichloroethane(...	8.049	97	6886	0.100	ppbv#	95
85] Benzene(sim)	8.334	78	10140	0.098	ppbv#	91
86] Carbon Tetrachloride(sim)	8.424	117	6749	0.096	ppbv	97
87] 1,1-Dichloroethene(sim)	5.848	61	5525	0.103	ppbv	96
88] Trichlorotrifluoroetha...	6.101	101	6107	0.099	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.562	61	4887	0.099	ppbv	90
90] 1,1-Dichloroethane(sim)	6.686	63	6021	0.099	ppbv	96
91] Cis-1,2-Dichloroethene...	7.227	61	4481	0.095	ppbv	94
92] Chloroform(sim)	7.416	83	6906	0.100	ppbv	99
94] 1,2-dichloropropane(sim)	8.822	63	4199	0.097	ppbv	92
95] Bromodichloromethane(sim)	8.931	83	6607	0.096	ppbv	97
96] Trichloroethene(sim)	8.960	130	4212	0.100	ppbv	94
97] 1,4-Dioxane(sim)	8.957	88	1648	0.087	ppbv	83
98] cis-1,3-Dichloropropen...	9.449	75	5491	0.094	ppbv	95
99] 1,1,2-Trichloroethane(...	9.847	97	3776	0.099	ppbv	91
100] Dibromochloromethane(sim)	10.272	129	6917	0.095	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.417	107	5601	0.090	ppbv	86
102] Tetrachloroethene(sim)	10.659	166	5223	0.098	ppbv	95
104] Bromoform(sim)	11.405	173	6019	0.095	ppbv	100
105] m,p-Xylene(sim)	11.327	91	22962	0.210	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.595	83	8063	0.093	ppbv	99
107] Benzyl chloride(sim)	12.685	91	7418	0.080	ppbv	99
108] 1,3-Dichlorobenzene(sim)	12.703	146	7994	0.089	ppbv	99
109] 1,4-Dichlorobenzene(sim)	12.738	146	7513	0.096	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_16.D
Acq On : 25 Mar 2025 6:40 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 26 08:36:05 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

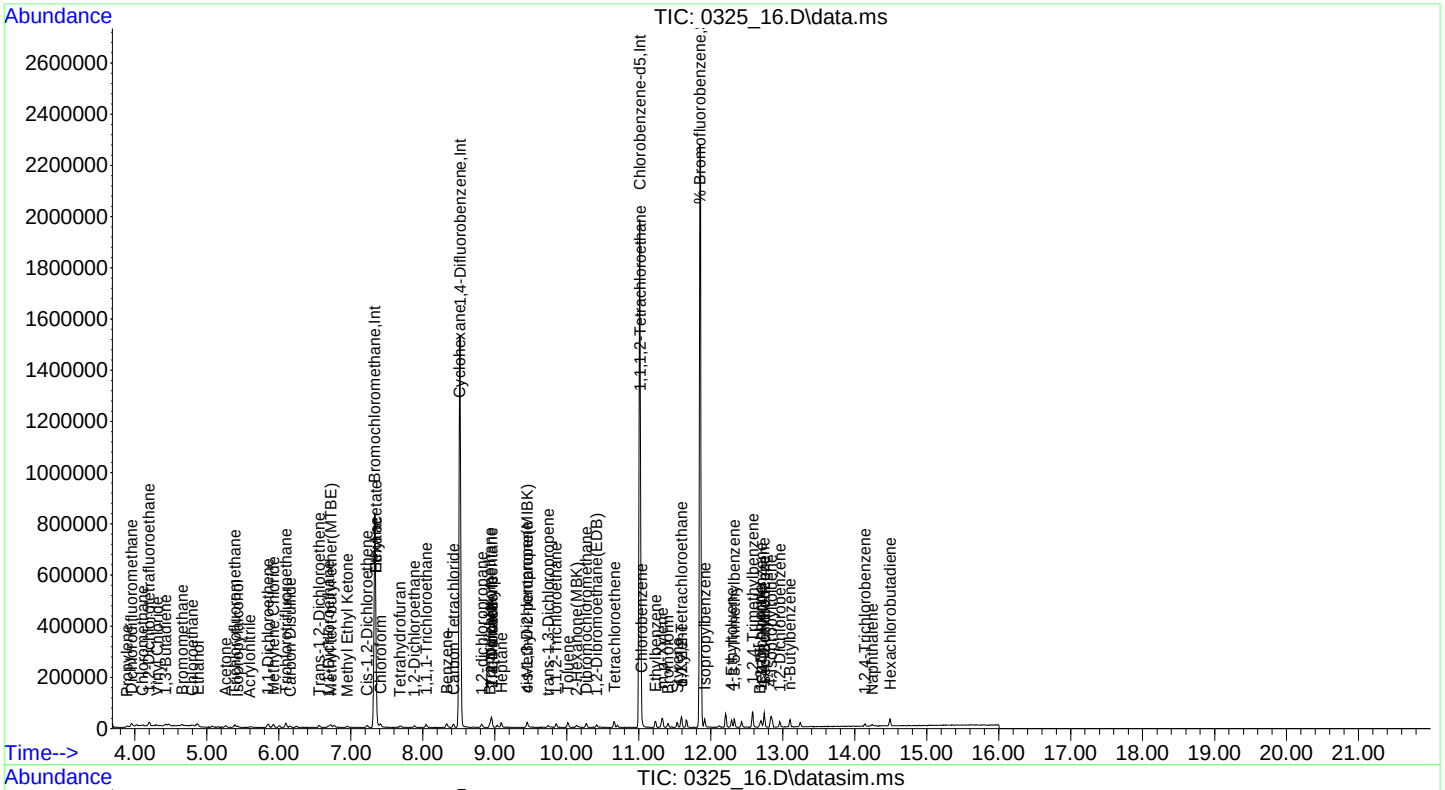
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.582	105	13396	0.093	ppbv	97
111] 4-Isopropyltoluene(sim)	12.837	119	16841	0.093	ppbv	99
112] 1,2-Dichlorobenzene(sim)	12.961	146	7491	0.089	ppbv	99
113] n-Butylbenzene(sim)	13.103	91	13341	0.089	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.146	180	2657	0.085	ppbv	99
116] Hexachlorobutadiene(sim)	14.488	225	4828	0.116	ppbv	98

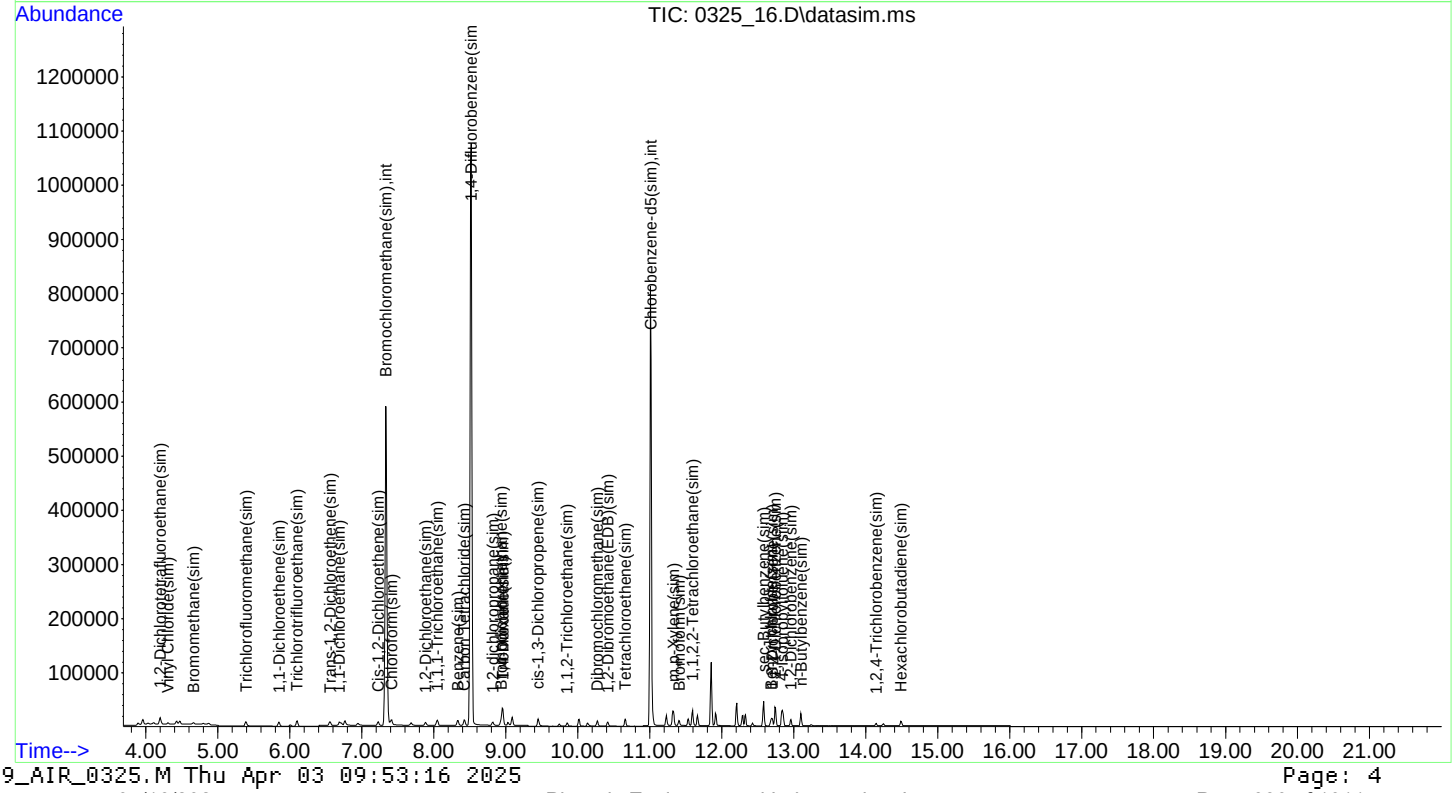
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_16.D
Acq On : 25 Mar 2025 6:40 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 26 08:36:05 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_17.D
Acq On : 25 Mar 2025 7:17 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 26 06:47:54 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	259159	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	976052	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	506816	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	260988	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	975808	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	506816	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	683677	13.944	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 139.40%#				
Target Compounds							Qvalue
2) Propylene	3.899	41	6416	0.269	ppbv		94
3) Dichlorodifluoromethane	3.955	85	14645	0.212	ppbv#		91
4) Chloromethane	4.101	50	6572	0.224	ppbv#		55
5) 1,2-Dichlorotetrafluor...	4.199	85	14221	0.215	ppbv		93
6) Vinyl Chloride	4.312	62	6110	0.210	ppbv		92
7) 1,3-Butadiene	4.426	54	5041	0.204	ppbv#		80
8) Bromomethane	4.661	94	5533	0.228	ppbv		91
9) Chloroethane	4.799	64	3073	0.236	ppbv		83
11) Ethanol	4.880	45	4752	0.332	ppbv#		86
12) Acetone	5.255	43	13860	0.264	ppbv		98
13) Trichlorofluoromethane	5.390	101	15462	0.212	ppbv		96
14) Isopropylalcohol	5.427	45	12702	0.223	ppbv		95
15) Acrylonitrile	5.599	53	4429	0.192	ppbv#		74
16) 1,1-Dichloroethene	5.842	61	10602	0.217	ppbv		90
17) Methylene Chloride	5.925	49	11141	0.274	ppbv#		83
20) Carbon Disulfide	6.151	76	15345	0.212	ppbv#		81
21) Trichlorotrifluoroethane	6.098	101	12167	0.217	ppbv		93
22) Trans-1,2-Dichloroethene	6.553	61	9564	0.206	ppbv		94
23) 1,1-Dichloroethane	6.691	63	11020	0.205	ppbv		95
24) Methyl tert-butyl ethe...	6.716	73	15301	0.211	ppbv		94
25) Methyl Ethyl Ketone	6.943	43	11862	0.181	ppbv#		93
26) Cis-1,2-Dichloroethene	7.226	61	8957	0.206	ppbv		92
27) Hexane	7.340	57	11108	0.222	ppbv		96
28) Chloroform	7.413	83	12153	0.206	ppbv		97
29) Ethyl acetate	7.340	61	2277	0.202	ppbv#		86
30) Tetrahydrofuran	7.681	42	7372	0.220	ppbv#		87
31) 1,2-Dichloroethane	7.883	62	9068	0.209	ppbv		97
32) 1,1,1-Trichloroethane	8.046	97	12470	0.204	ppbv		97
33) Benzene	8.334	78	19605	0.237	ppbv		95
34) Carbon Tetrachloride	8.421	117	12623	0.196	ppbv		95
35) Cyclohexane	8.507	84	7008	0.218	ppbv#		70
37) 1,2-dichloropropane	8.819	63	7797	0.205	ppbv		93
38) Bromodichloromethane	8.931	83	13031	0.200	ppbv		98
39) Trichloroethene	8.957	130	7813	0.202	ppbv		96
40) 2,2,4-trimethylpentane	8.957	57	33426	0.207	ppbv		96
41) 1,4-Dioxane	8.948	88	3678	0.200	ppbv		80
43) Heptane	9.087	43	13343	0.204	ppbv#		87
44) cis-1,3-Dichloropropene	9.445	75	10570	0.197	ppbv		86
45) 4-Methyl-2-pentanone(M...	9.445	43	16408	0.194	ppbv		95
46) trans-1,3-Dichloropropene	9.741	75	8372	0.193	ppbv#		91
47) 1,1,2-Trichloroethane	9.854	97	6912	0.195	ppbv		97
48) Toluene	10.016	91	22196	0.212	ppbv		97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_17.D
Acq On : 25 Mar 2025 7:17 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 26 06:47:54 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	13525	0.192	ppbv	97
50) 2-Hexanone(MBK)	10.128	43	15309	0.197	ppbv	95
51) 1,2-Dibromoethane(EDB)	10.410	107	11700	0.194	ppbv	97
52) Tetrachloroethene	10.656	166	10265	0.205	ppbv	97
54) 1,1,1,2-Tetrachloroethane	11.023	131	9350	0.210	ppbv	95
55) Chlorobenzene	11.038	112	16115	0.211	ppbv#	64
56) Ethylbenzene	11.228	91	28258	0.216	ppbv	99
57) m,p-Xylene	11.327	91	42858	0.433	ppbv	98
58) Bromoform	11.402	173	12451	0.195	ppbv	98
59) Styrene	11.531	104	14793	0.201	ppbv	94
60) 1,1,2,2-Tetrachloroethane	11.592	83	15536	0.203	ppbv	94
61) o-Xylene	11.592	91	22804	0.214	ppbv	98
64) Isopropylbenzene	11.918	105	30861	0.221	ppbv	96
65) 4-Ethyltoluene	12.290	105	30780	0.214	ppbv	99
66) 1,3,5-Trimethylbenzene	12.328	105	23757	0.203	ppbv	91
67) 1,2,4-Trimethylbenzene	12.586	105	25285	0.208	ppbv	97
68) Benzyl chloride	12.685	91	16143	0.160	ppbv	97
69) 1,3-Dichlorobenzene	12.700	146	16130	0.196	ppbv	99
70) 1,4-Dichlorobenzene	12.738	146	14276	0.193	ppbv	95
71) sec-Butylbenzene	12.745	105	36911	0.214	ppbv	97
72) 4-Isopropyltoluene	12.837	119	34150	0.212	ppbv	98
73) 1,2-Dichlorobenzene	12.958	146	14361	0.193	ppbv	97
74) n-Butylbenzene	13.102	91	28802	0.203	ppbv	97
75) 1,2,4-Trichlorobenzene	14.143	180	6647	0.139	ppbv	99
76) Naphthalene	14.242	128	12135	0.118	ppbv#	99
77) Hexachlorobutadiene	14.485	225	9487	0.184	ppbv	93
79] 1,2-Dichlorotetrafluor...	4.199	85	14221	0.199	ppbv	93
80] Vinyl Chloride(sim)	4.307	62	6423	0.199	ppbv	100
81] Bromomethane(sim)	4.661	94	5533	0.199	ppbv	91
82] Trichlorofluoromethane...	5.393	101	15802	0.196	ppbv#	99
83] 1,2-Dichloroethane(sim)	7.883	62	9068	0.194	ppbv	97
84] 1,1,1-Trichloroethane(...	8.048	97	13330	0.194	ppbv#	97
85] Benzene(sim)	8.334	78	19533	0.189	ppbv	95
86] Carbon Tetrachloride(sim)	8.424	117	13331	0.191	ppbv	100
87] 1,1-Dichloroethene(sim)	5.842	61	10602	0.198	ppbv	90
88] Trichlorotrifluoroetha...	6.101	101	12106	0.198	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	9564	0.195	ppbv	94
90] 1,1-Dichloroethane(sim)	6.686	63	11874	0.195	ppbv	98
91] Cis-1,2-Dichloroethene...	7.226	61	8957	0.191	ppbv	92
92] Chloroform(sim)	7.416	83	13045	0.189	ppbv	98
94] 1,2-dichloropropane(sim)	8.813	63	8157	0.192	ppbv	92
95] Bromodichloromethane(sim)	8.931	83	13031	0.191	ppbv	98
96] Trichloroethene(sim)	8.960	130	8066	0.195	ppbv	96
97] 1,4-Dioxane(sim)	8.948	88	3678	0.198	ppbv#	78
98] cis-1,3-Dichloropropen...	9.448	75	11113	0.193	ppbv	98
99] 1,1,2-Trichloroethane(...	9.854	97	6912	0.185	ppbv	97
100] Dibromochloromethane(sim)	10.272	129	13666	0.191	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	11700	0.190	ppbv	97
102] Tetrachloroethene(sim)	10.659	166	10029	0.191	ppbv	94
104] Bromoform(sim)	11.405	173	11870	0.187	ppbv	99
105] m,p-Xylene(sim)	11.327	91	43786	0.403	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.587	83	16006	0.186	ppbv	99
107] Benzyl chloride(sim)	12.685	91	16143	0.174	ppbv	97
108] 1,3-Dichlorobenzene(sim)	12.703	146	16387	0.184	ppbv	99
109] 1,4-Dichlorobenzene(sim)	12.738	146	14276	0.183	ppbv	95

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_17.D
Acq On : 25 Mar 2025 7:17 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 24 Sample Multiplier: 1

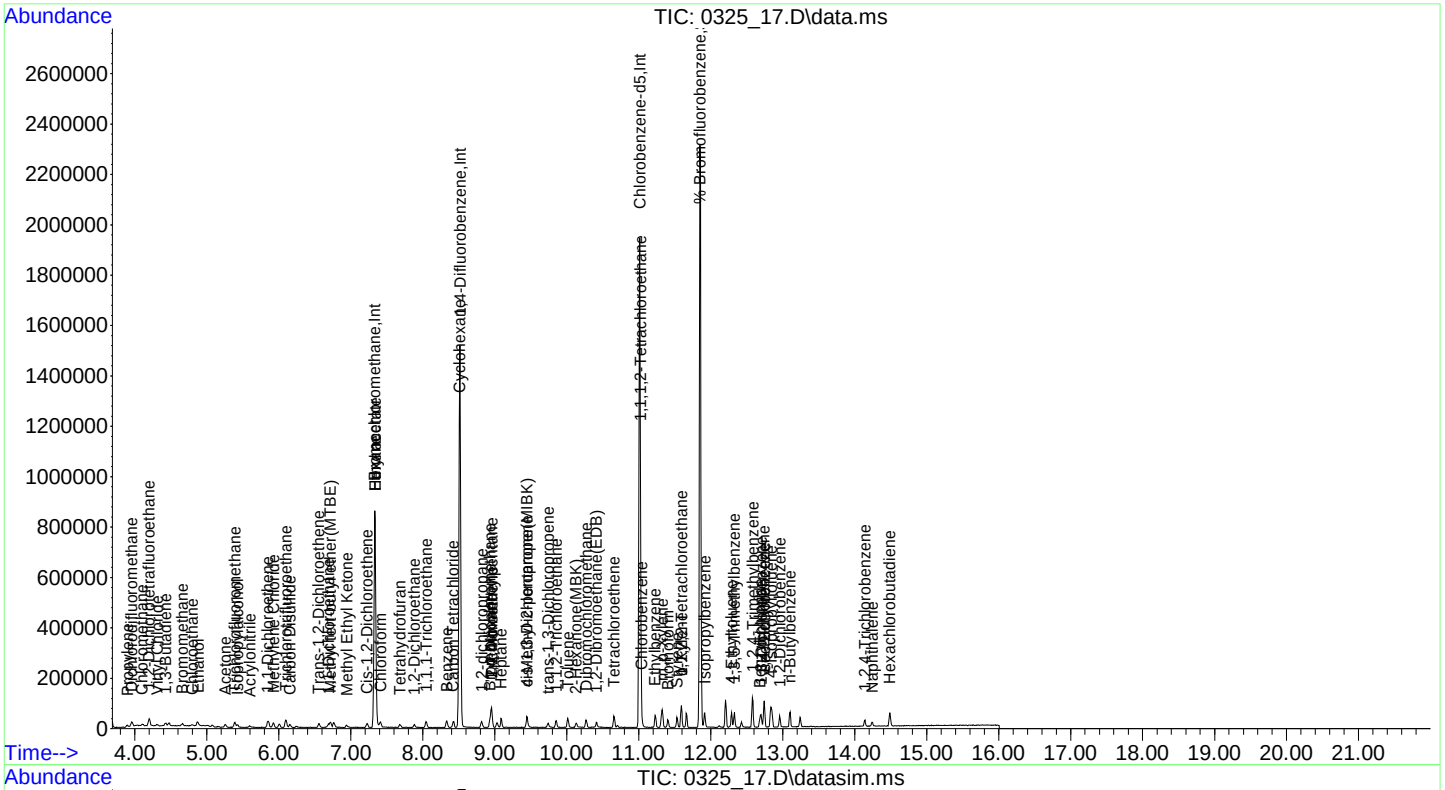
Quant Time: Mar 26 06:47:54 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

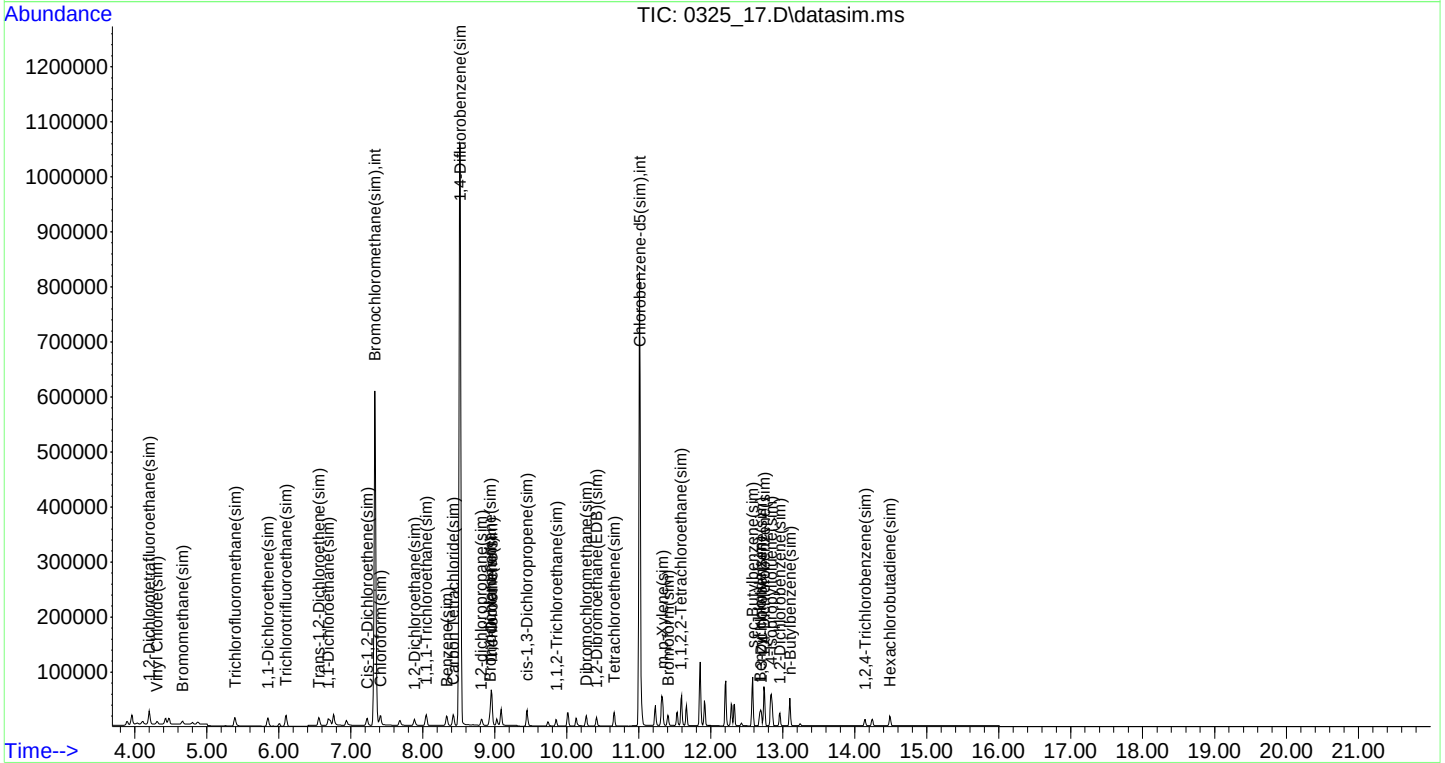
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	26691	0.185	ppbv	96
111] 4-Isopropyltoluene(sim)	12.837	119	34150	0.189	ppbv	98
112] 1,2-Dichlorobenzene(sim)	12.961	146	15441	0.183	ppbv	99
113] n-Butylbenzene(sim)	13.102	91	28802	0.192	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.146	180	7074	0.228	ppbv	98
116] Hexachlorobutadiene(sim)	14.488	225	9724	0.234	ppbv	99

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

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_17.D
Acq On : 25 Mar 2025 7:17 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 26 06:47:54 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_18.D
Acq On : 25 Mar 2025 7:56 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 26 06:47:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	262954	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	980156	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	508654	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	260998	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	980156	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	508654	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	693713	14.098	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 141.00%#				
Target Compounds							Qvalue
2) Propylene	3.883	41	12441	0.513	ppbv		96
3) Dichlorodifluoromethane	3.948	85	35544	0.506	ppbv#		96
4) Chloromethane	4.102	50	14867	0.500	ppbv		89
5) 1,2-Dichlorotetrafluor...	4.191	85	33592	0.501	ppbv		95
6) Vinyl Chloride	4.304	62	14913	0.505	ppbv		91
7) 1,3-Butadiene	4.418	54	13027	0.520	ppbv		92
8) Bromomethane	4.653	94	12668	0.515	ppbv		96
9) Chloroethane	4.791	64	7374	0.558	ppbv		87
11) Ethanol	4.872	45	7174	0.494	ppbv#		91
12) Acetone	5.249	43	27729	0.521	ppbv		97
13) Trichlorofluoromethane	5.384	101	37152	0.503	ppbv		100
14) Isopropylalcohol	5.421	45	30556	0.528	ppbv		97
15) Acrylonitrile	5.587	53	12044	0.515	ppbv		94
16) 1,1-Dichloroethene	5.842	61	24470	0.493	ppbv		90
17) Methylene Chloride	5.919	49	22250	0.539	ppbv#		81
20) Carbon Disulfide	6.152	76	37420	0.508	ppbv		99
21) Trichlorotrifluoroethane	6.092	101	27547	0.485	ppbv		99
22) Trans-1,2-Dichloroethene	6.554	61	24116	0.513	ppbv		92
23) 1,1-Dichloroethane	6.683	63	27961	0.514	ppbv		98
24) Methyl tert-butyl ethe...	6.716	73	36378	0.493	ppbv		90
25) Methyl Ethyl Ketone	6.935	43	32144	0.484	ppbv#		95
26) Cis-1,2-Dichloroethene	7.227	61	21703	0.492	ppbv		91
27) Hexane	7.340	57	25049	0.492	ppbv#		99
28) Chloroform	7.405	83	30381	0.508	ppbv		94
29) Ethyl acetate	7.332	61	5284	0.461	ppbv		95
30) Tetrahydrofuran	7.673	42	17605	0.517	ppbv#		87
31) 1,2-Dichloroethane	7.883	62	21493	0.489	ppbv		94
32) 1,1,1-Trichloroethane	8.046	97	30661	0.495	ppbv		98
33) Benzene	8.334	78	42274	0.504	ppbv		94
34) Carbon Tetrachloride	8.421	117	32150	0.493	ppbv		100
35) Cyclohexane	8.499	84	16778	0.515	ppbv		94
37) 1,2-dichloropropane	8.819	63	19167	0.501	ppbv		100
38) Bromodichloromethane	8.931	83	31417	0.481	ppbv		97
39) Trichloroethene	8.949	130	19061	0.491	ppbv		95
40) 2,2,4-trimethylpentane	8.957	57	81636	0.504	ppbv		96
41) 1,4-Dioxane	8.949	88	8294	0.449	ppbv		83
43) Heptane	9.087	43	33907	0.516	ppbv#		91
44) cis-1,3-Dichloropropene	9.446	75	26167	0.487	ppbv		92
45) 4-Methyl-2-pentanone(M...	9.446	43	43707	0.515	ppbv		96
46) trans-1,3-Dichloropropene	9.741	75	20637	0.473	ppbv		97
47) 1,1,2-Trichloroethane	9.847	97	17828	0.500	ppbv		95
48) Toluene	10.016	91	52760	0.501	ppbv		100

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_18.D
Acq On : 25 Mar 2025 7:56 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 26 06:47:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	33187	0.468	ppbv	99
50) 2-Hexanone(MBK)	10.128	43	37096	0.476	ppbv#	89
51) 1,2-Dibromoethane(EDB)	10.410	107	28633	0.474	ppbv	95
52) Tetrachloroethene	10.656	166	25284	0.503	ppbv	96
54) 1,1,1,2-Tetrachloroethane	11.023	131	23236	0.519	ppbv	97
55) Chlorobenzene	11.039	112	40481	0.528	ppbv	93
56) Ethylbenzene	11.228	91	68925	0.526	ppbv	99
57) m,p-Xylene	11.327	91	104732	1.054	ppbv	96
58) Bromoform	11.403	173	30919	0.483	ppbv	98
59) Styrene	11.531	104	37587	0.510	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.592	83	38631	0.504	ppbv	95
61) o-Xylene	11.592	91	55994	0.525	ppbv	97
64) Isopropylbenzene	11.918	105	74723	0.533	ppbv	96
65) 4-Ethyltoluene	12.290	105	73774	0.510	ppbv	98
66) 1,3,5-Trimethylbenzene	12.328	105	63037	0.536	ppbv	95
67) 1,2,4-Trimethylbenzene	12.579	105	61576	0.505	ppbv	96
68) Benzyl chloride	12.677	91	45992	0.455	ppbv	98
69) 1,3-Dichlorobenzene	12.700	146	39309	0.476	ppbv	98
70) 1,4-Dichlorobenzene	12.738	146	38641	0.521	ppbv	97
71) sec-Butylbenzene	12.746	105	94017	0.542	ppbv	97
72) 4-Isopropyltoluene	12.837	119	84721	0.523	ppbv	97
73) 1,2-Dichlorobenzene	12.958	146	36465	0.489	ppbv	99
74) n-Butylbenzene	13.103	91	73998	0.519	ppbv	98
75) 1,2,4-Trichlorobenzene	14.143	180	19868	0.413	ppbv	98
76) Naphthalene	14.242	128	41682	0.404	ppbv#	98
77) Hexachlorobutadiene	14.492	225	24581	0.476	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.191	85	33592	0.470	ppbv	95
80] Vinyl Chloride(sim)	4.299	62	15558	0.482	ppbv	100
81] Bromomethane(sim)	4.653	94	12668	0.455	ppbv	96
82] Trichlorofluoromethane...	5.387	101	38652	0.481	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	21493	0.459	ppbv	94
84] 1,1,1-Trichloroethane(...	8.049	97	32893	0.478	ppbv#	96
85] Benzene(sim)	8.334	78	42597	0.413	ppbv	94
86] Carbon Tetrachloride(sim)	8.424	117	32707	0.468	ppbv	99
87] 1,1-Dichloroethene(sim)	5.842	61	24470	0.458	ppbv	89
88] Trichlorotrifluoroetha...	6.095	101	29310	0.479	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.554	61	24116	0.491	ppbv	92
90] 1,1-Dichloroethane(sim)	6.686	63	29265	0.481	ppbv	98
91] Cis-1,2-Dichloroethene...	7.227	61	21703	0.463	ppbv	91
92] Chloroform(sim)	7.408	83	31517	0.457	ppbv	97
94] 1,2-dichloropropane(sim)	8.813	63	20104	0.471	ppbv	94
95] Bromodichloromethane(sim)	8.931	83	31417	0.460	ppbv	98
96] Trichloroethene(sim)	8.952	130	19851	0.477	ppbv	95
97] 1,4-Dioxane(sim)	8.949	88	8294	0.444	ppbv	83
98] cis-1,3-Dichloropropen...	9.442	75	27503	0.475	ppbv	98
99] 1,1,2-Trichloroethane(...	9.847	97	17828	0.474	ppbv	95
100] Dibromochloromethane(sim)	10.272	129	33521	0.466	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	28633	0.463	ppbv	95
102] Tetrachloroethene(sim)	10.659	166	24632	0.467	ppbv	95
104] Bromoform(sim)	11.405	173	29521	0.464	ppbv	100
105] m,p-Xylene(sim)	11.327	91	106190	0.973	ppbv	96
106] 1,1,2,2-Tetrachloroeth...	11.587	83	40368	0.467	ppbv	99
107] Benzyl chloride(sim)	12.677	91	45992	0.495	ppbv	98
108] 1,3-Dichlorobenzene(sim)	12.695	146	42576	0.475	ppbv	99
109] 1,4-Dichlorobenzene(sim)	12.738	146	38641	0.493	ppbv	98

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_18.D
Acq On : 25 Mar 2025 7:56 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 26 06:47:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

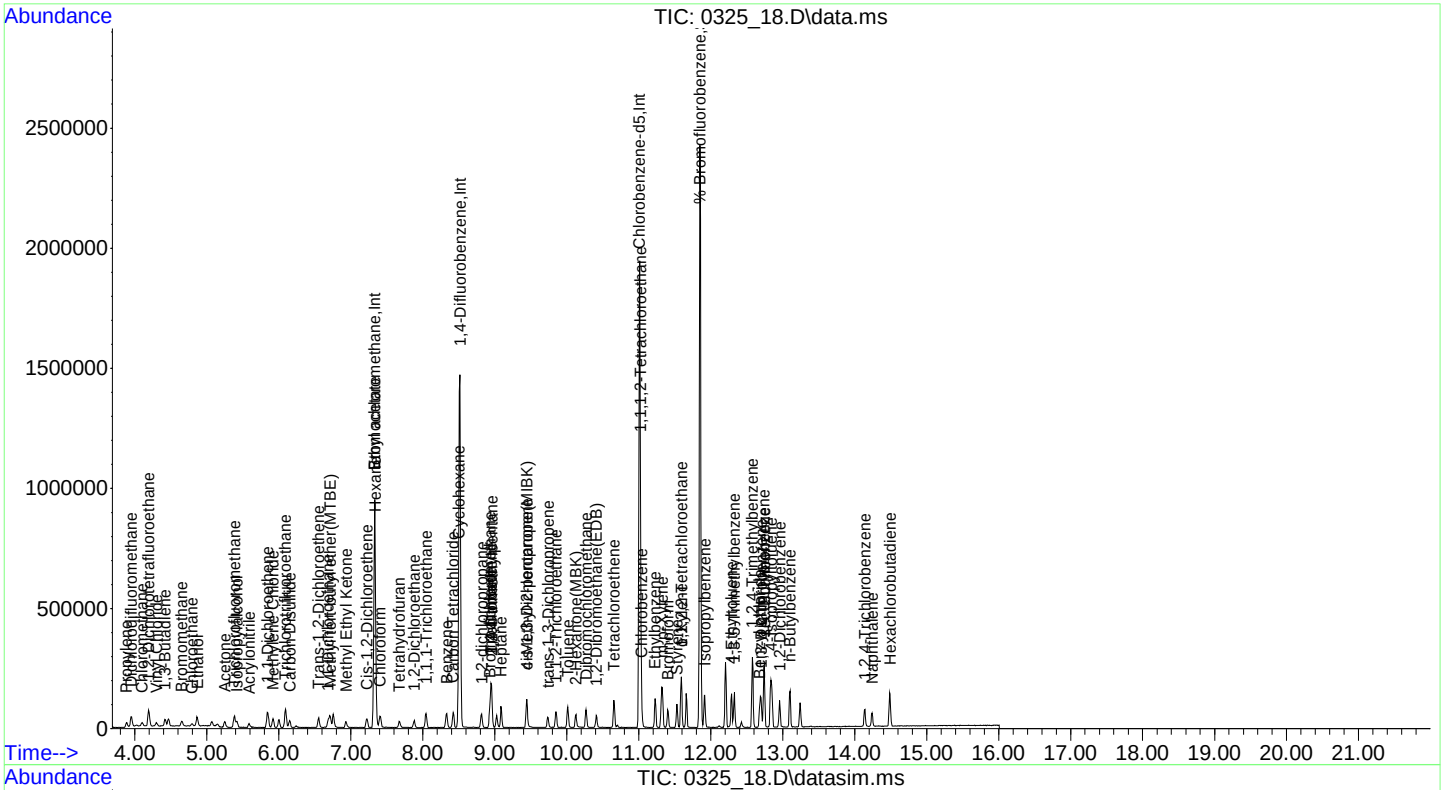
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.582	105	67466	0.467	ppbv	97
111] 4-Isopropyltoluene(sim)	12.837	119	84721	0.466	ppbv	97
112] 1,2-Dichlorobenzene(sim)	12.961	146	39787	0.471	ppbv	100
113] n-Butylbenzene(sim)	13.103	91	73998	0.491	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.138	180	21489	0.680	ppbv	99
116] Hexachlorobutadiene(sim)	14.488	225	25046	0.596	ppbv	99

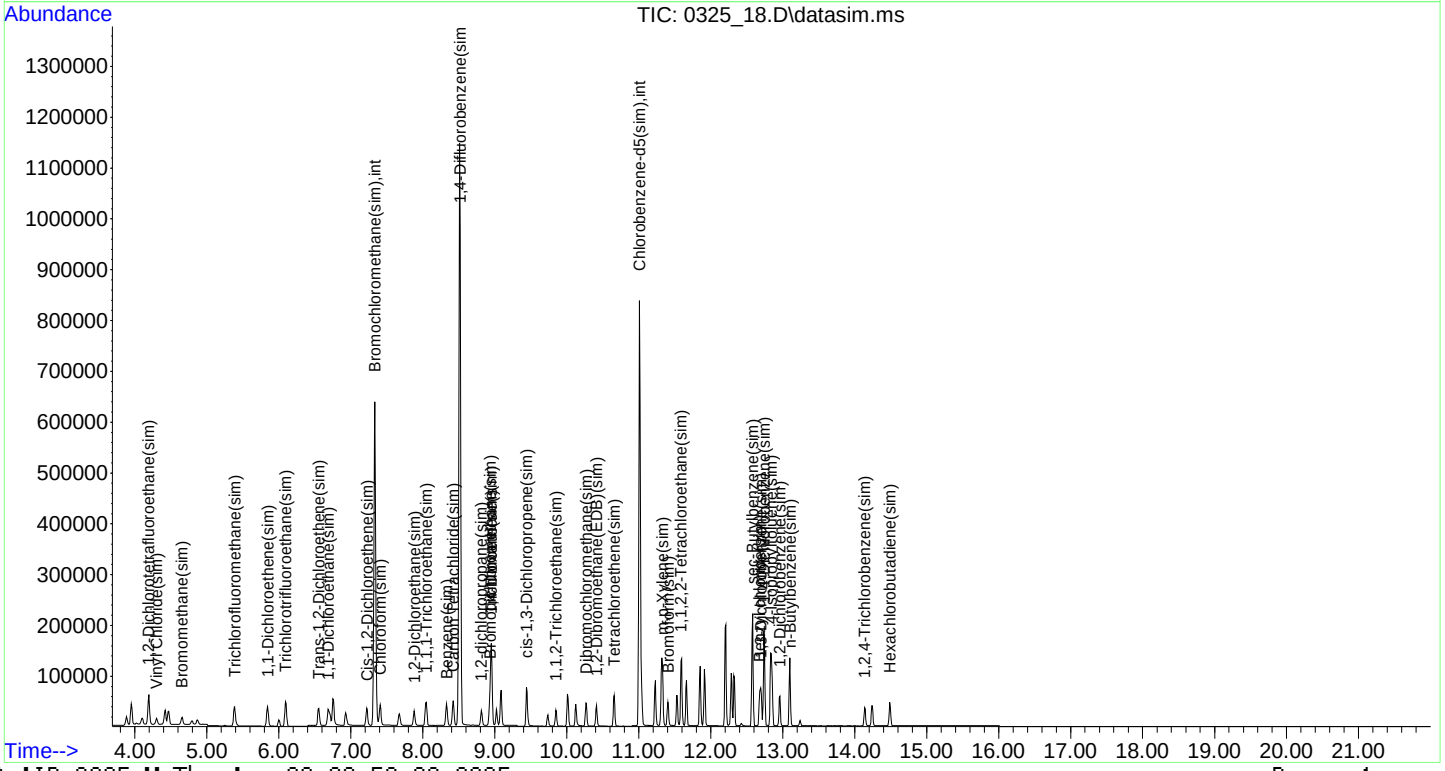
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_18.D
Acq On : 25 Mar 2025 7:56 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 26 06:47:55 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_19.D
Acq On : 25 Mar 2025 8:35 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 26 06:47:56 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	259174	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	962432	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	505431	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	256472	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	962432	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	505431	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	688684	14.085	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 140.80%#				
Target Compounds							Qvalue
2) Propylene	3.883	41	56343	2.359	ppbv		97
3) Dichlorodifluoromethane	3.947	85	171140	2.472	ppbv		97
4) Chloromethane	4.102	50	71119	2.425	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.191	85	165119	2.499	ppbv		95
6) Vinyl Chloride	4.304	62	71708	2.462	ppbv		99
7) 1,3-Butadiene	4.418	54	60724	2.459	ppbv		97
8) Bromomethane	4.653	94	58653	2.420	ppbv#		97
9) Chloroethane	4.791	64	30534	2.344	ppbv		91
11) Ethanol	4.872	45	32619	2.281	ppbv		95
12) Acetone	5.249	43	124440	2.372	ppbv		98
13) Trichlorofluoromethane	5.384	101	179047	2.461	ppbv		99
14) Isopropylalcohol	5.415	45	138376	2.428	ppbv		97
15) Acrylonitrile	5.587	53	56728	2.462	ppbv		97
16) 1,1-Dichloroethene	5.842	61	119027	2.431	ppbv		89
17) Methylene Chloride	5.919	49	94401	2.320	ppbv#		80
20) Carbon Disulfide	6.151	76	179571	2.475	ppbv		100
21) Trichlorotrifluoroethane	6.092	101	135760	2.424	ppbv		97
22) Trans-1,2-Dichloroethene	6.553	61	113403	2.446	ppbv		90
23) 1,1-Dichloroethane	6.683	63	131513	2.451	ppbv		99
24) Methyl tert-butyl ethe...	6.707	73	177457	2.442	ppbv#		88
25) Methyl Ethyl Ketone	6.926	43	163299	2.493	ppbv#		94
26) Cis-1,2-Dichloroethene	7.226	61	107517	2.471	ppbv		91
27) Hexane	7.340	57	122311	2.440	ppbv#		91
28) Chloroform	7.413	83	146213	2.478	ppbv		94
29) Ethyl acetate	7.332	61	28290	2.507	ppbv		99
30) Tetrahydrofuran	7.664	42	81269	2.422	ppbv#		83
31) 1,2-Dichloroethane	7.883	62	106324	2.455	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	149942	2.454	ppbv		96
33) Benzene	8.334	78	198797	2.403	ppbv#		92
34) Carbon Tetrachloride	8.421	117	158456	2.463	ppbv		98
35) Cyclohexane	8.499	84	78646	2.450	ppbv#		79
37) 1,2-dichloropropane	8.819	63	93813	2.496	ppbv		92
38) Bromodichloromethane	8.931	83	157173	2.448	ppbv		99
39) Trichloroethene	8.948	130	94234	2.473	ppbv		94
40) 2,2,4-trimethylpentane	8.957	57	398200	2.505	ppbv		96
41) 1,4-Dioxane	8.940	88	43794	2.416	ppbv		84
43) Heptane	9.087	43	157891	2.449	ppbv#		90
44) cis-1,3-Dichloropropene	9.446	75	128528	2.434	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.439	43	210665	2.526	ppbv#		93
46) trans-1,3-Dichloropropene	9.734	75	105279	2.458	ppbv		97
47) 1,1,2-Trichloroethane	9.854	97	85844	2.453	ppbv		95
48) Toluene	10.016	91	257916	2.494	ppbv		99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_19.D
Acq On : 25 Mar 2025 8:35 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 26 06:47:56 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	168642	2.422	ppbv	99
50) 2-Hexanone(MBK)	10.121	43	195160	2.551	ppbv#	88
51) 1,2-Dibromoethane(EDB)	10.410	107	147264	2.481	ppbv	99
52) Tetrachloroethene	10.656	166	120521	2.443	ppbv	96
54) 1,1,1,2-Tetrachloroethane	11.023	131	115039	2.588	ppbv	99
55) Chlorobenzene	11.038	112	194840	2.556	ppbv	89
56) Ethylbenzene	11.228	91	333525	2.560	ppbv	97
57) m,p-Xylene	11.327	91	525394	5.319	ppbv	97
58) Bromoform	11.402	173	159776	2.513	ppbv	98
59) Styrene	11.531	104	189637	2.588	ppbv#	90
60) 1,1,2,2-Tetrachloroethane	11.592	83	192633	2.529	ppbv	95
61) o-Xylene	11.592	91	269513	2.541	ppbv	96
64) Isopropylbenzene	11.918	105	364991	2.622	ppbv	97
65) 4-Ethyltoluene	12.290	105	389265	2.709	ppbv	98
66) 1,3,5-Trimethylbenzene	12.328	105	291671	2.496	ppbv	92
67) 1,2,4-Trimethylbenzene	12.578	105	315590	2.605	ppbv	95
68) Benzyl chloride	12.685	91	249483	2.482	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	208134	2.537	ppbv	98
70) 1,4-Dichlorobenzene	12.738	146	184389	2.501	ppbv	100
71) sec-Butylbenzene	12.746	105	454244	2.637	ppbv	97
72) 4-Isopropyltoluene	12.837	119	427646	2.659	ppbv	96
73) 1,2-Dichlorobenzene	12.958	146	186598	2.517	ppbv	99
74) n-Butylbenzene	13.102	91	372150	2.626	ppbv	96
75) 1,2,4-Trichlorobenzene	14.143	180	108646	2.273	ppbv	99
76) Naphthalene	14.242	128	234204	2.287	ppbv#	99
77) Hexachlorobutadiene	14.492	225	120424	2.347	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.191	85	165137	2.351	ppbv	95
80] Vinyl Chloride(sim)	4.299	62	75808	2.390	ppbv	99
81] Bromomethane(sim)	4.653	94	58653	2.142	ppbv#	97
82] Trichlorofluoromethane...	5.387	101	187536	2.373	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	106324	2.309	ppbv	95
84] 1,1,1-Trichloroethane(...	8.048	97	159685	2.363	ppbv#	96
85] Benzene(sim)	8.334	78	198797	1.962	ppbv#	92
86] Carbon Tetrachloride(sim)	8.424	117	160702	2.339	ppbv	99
87] 1,1-Dichloroethene(sim)	5.842	61	119027	2.265	ppbv	89
88] Trichlorotrifluoroetha...	6.095	101	142063	2.363	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	113403	2.349	ppbv	90
90] 1,1-Dichloroethane(sim)	6.686	63	141898	2.375	ppbv	98
91] Cis-1,2-Dichloroethene...	7.226	61	107517	2.333	ppbv	91
92] Chloroform(sim)	7.408	83	151957	2.241	ppbv	97
94] 1,2-dichloropropane(sim)	8.813	63	98491	2.348	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	157173	2.342	ppbv	99
96] Trichloroethene(sim)	8.951	130	96988	2.375	ppbv	96
97] 1,4-Dioxane(sim)	8.940	88	43794	2.388	ppbv	84
98] cis-1,3-Dichloropropen...	9.441	75	136458	2.398	ppbv	98
99] 1,1,2-Trichloroethane(...	9.854	97	85844	2.324	ppbv	95
100] Dibromochloromethane(sim)	10.272	129	167880	2.377	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	147264	2.427	ppbv	99
102] Tetrachloroethene(sim)	10.659	166	119268	2.304	ppbv	95
104] Bromoform(sim)	11.405	173	153663	2.431	ppbv	99
105] m,p-Xylene(sim)	11.327	91	526893	4.860	ppbv	97
106] 1,1,2,2-Tetrachloroeth...	11.587	83	200425	2.333	ppbv	99
107] Benzyl chloride(sim)	12.685	91	248576	2.691	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.703	146	210825	2.369	ppbv	99
109] 1,4-Dichlorobenzene(sim)	12.738	146	184389	2.369	ppbv	100

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_19.D
Acq On : 25 Mar 2025 8:35 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 26 06:47:56 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

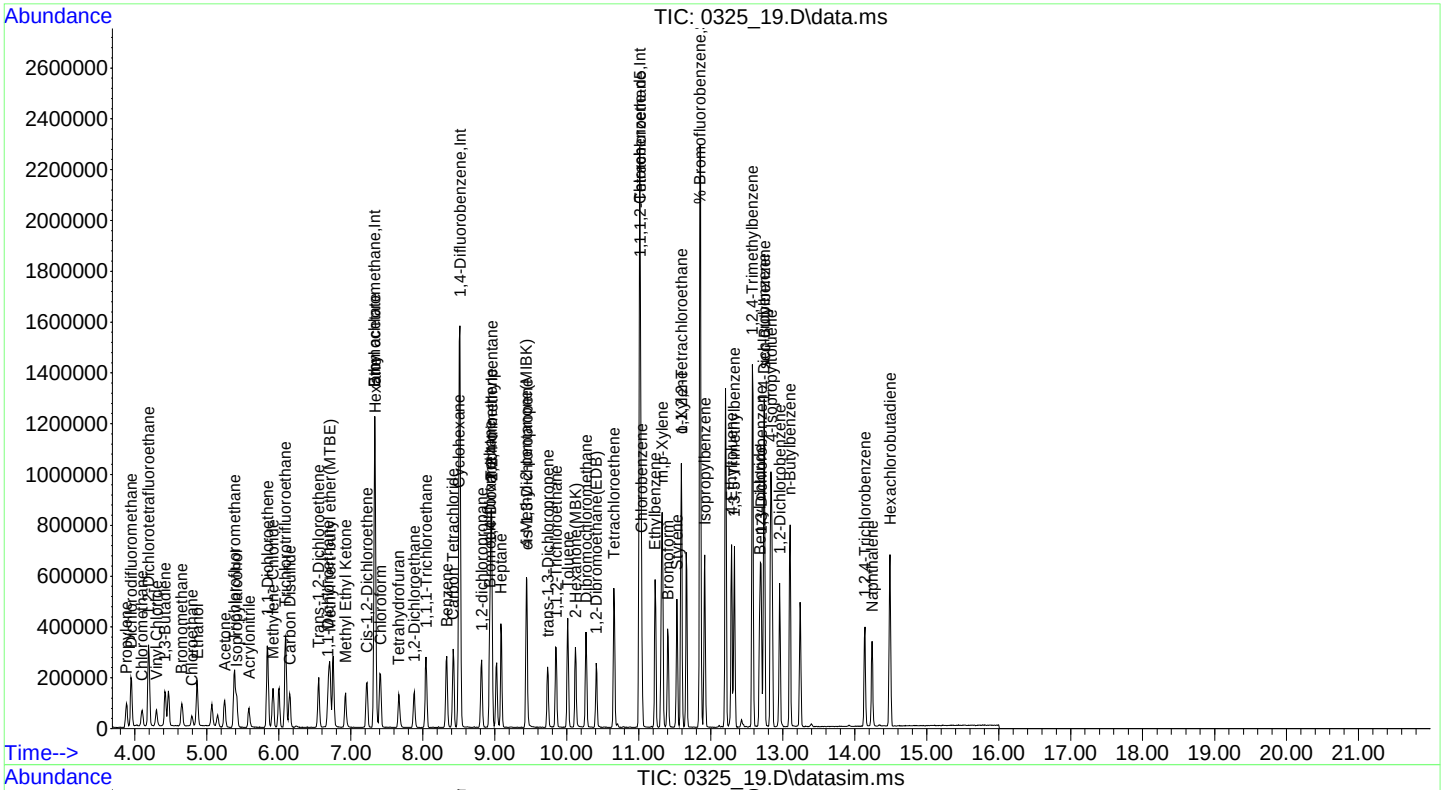
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	335999	2.339	ppbv	97
111] 4-Isopropyltoluene(sim)	12.837	119	427646	2.370	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	199067	2.370	ppbv	100
113] n-Butylbenzene(sim)	13.102	91	372150	2.487	ppbv	96
114] 1,2,4-Trichlorobenzene...	14.138	180	116003	3.421	ppbv	99
116] Hexachlorobutadiene(sim)	14.488	225	121317	2.765	ppbv	99

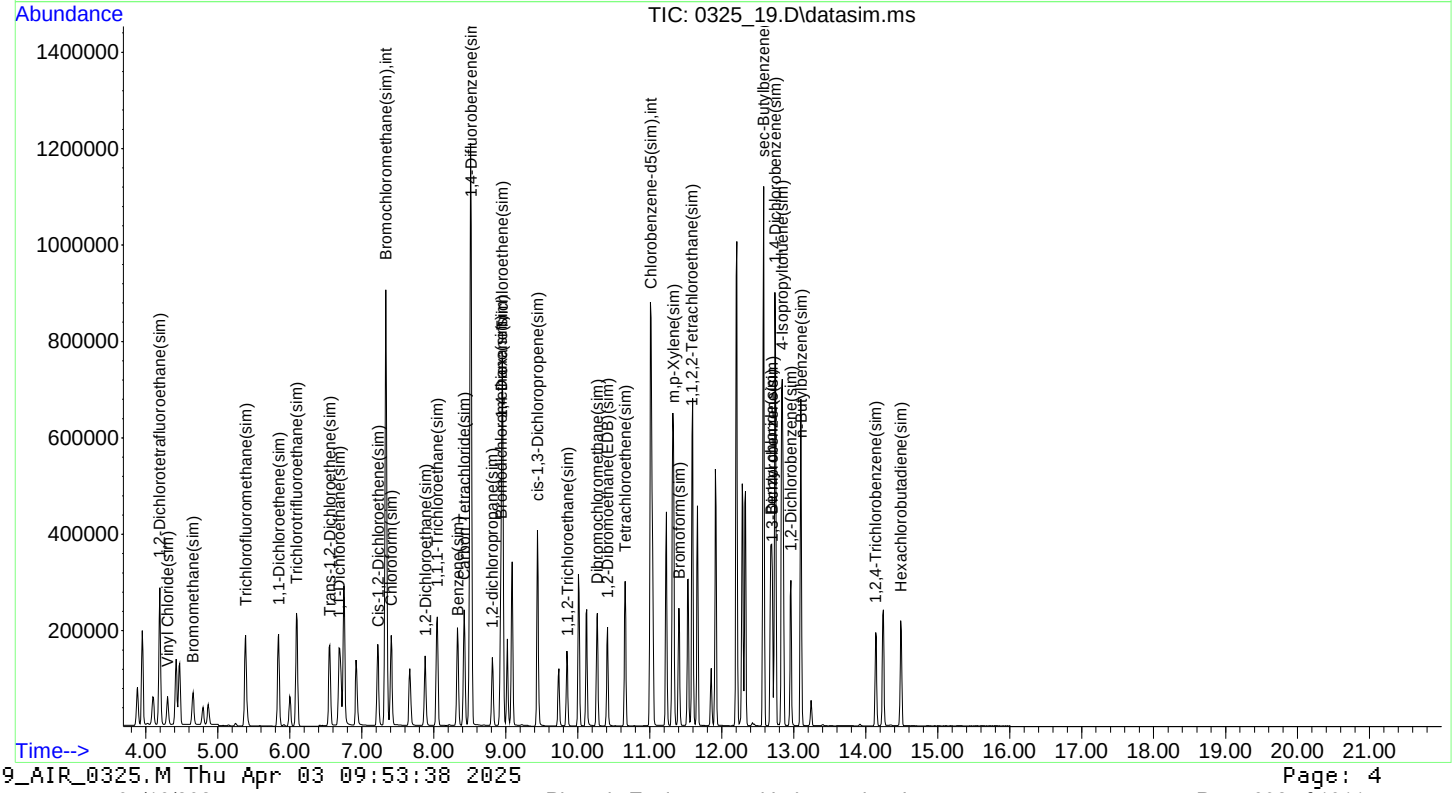
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_19.D
Acq On : 25 Mar 2025 8:35 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 26 06:47:56 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_20.D
Acq On : 25 Mar 2025 9:12 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 26 06:47:57 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.340	130	255010	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.516	114	951645	10.000	ng	0.00
53) Chlorobenzene-d5	11.016	82	507932	10.000	ng	0.00
78) Bromochloromethane(sim)	7.335	130	254173	10.000	ng	# 0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	951645	10.000	ng	0.00
103) Chlorobenzene-d5(sim)	11.016	82	507932	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.850	95	679284	13.824	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 138.20%#			
Target Compounds						Qvalue
2) Propylene	3.891	41	114573	4.875	ppbv	100
3) Dichlorodifluoromethane	3.956	85	349179	5.126	ppbv	98
4) Chloromethane	4.110	50	144523	5.008	ppbv	98
5) 1,2-Dichlorotetrafluor...	4.199	85	329446	5.067	ppbv	96
6) Vinyl Chloride	4.304	62	145432	5.076	ppbv	100
7) 1,3-Butadiene	4.426	54	122902	5.058	ppbv	97
8) Bromomethane	4.661	94	118722	4.978	ppbv#	96
9) Chloroethane	4.799	64	62763	4.896	ppbv	92
11) Ethanol	4.872	45	61506	4.371	ppbv#	93
12) Acetone	5.249	43	242906	4.706	ppbv	98
13) Trichlorofluoromethane	5.390	101	362085	5.057	ppbv	99
14) Isopropylalcohol	5.421	45	265361	4.732	ppbv	97
15) Acrylonitrile	5.587	53	113857	5.021	ppbv	97
16) 1,1-Dichloroethene	5.848	61	242136	5.025	ppbv	89
17) Methylene Chloride	5.925	49	187877	4.694	ppbv#	81
20) Carbon Disulfide	6.157	76	362604	5.079	ppbv	99
21) Trichlorotrifluoroethane	6.098	101	279463	5.070	ppbv	96
22) Trans-1,2-Dichloroethene	6.553	61	231227	5.069	ppbv	90
23) 1,1-Dichloroethane	6.691	63	269593	5.106	ppbv	99
24) Methyl tert-butyl ethe...	6.716	73	364025	5.091	ppbv#	87
25) Methyl Ethyl Ketone	6.926	43	333244	5.171	ppbv#	94
26) Cis-1,2-Dichloroethene	7.227	61	219587	5.129	ppbv	92
27) Hexane	7.348	57	248503	5.038	ppbv#	93
28) Chloroform	7.413	83	297752	5.129	ppbv	94
29) Ethyl acetate	7.332	61	57092	5.141	ppbv	99
30) Tetrahydrofuran	7.664	42	163581	4.955	ppbv#	82
31) 1,2-Dichloroethane	7.883	62	216892	5.090	ppbv	95
32) 1,1,1-Trichloroethane	8.046	97	308076	5.124	ppbv	95
33) Benzene	8.334	78	407968	5.012	ppbv#	91
34) Carbon Tetrachloride	8.429	117	324088	5.120	ppbv	98
35) Cyclohexane	8.507	84	159572	5.052	ppbv#	78
37) 1,2-dichloropropane	8.819	63	186946	5.030	ppbv	93
38) Bromodichloromethane	8.931	83	320680	5.052	ppbv	99
39) Trichloroethene	8.957	130	194244	5.156	ppbv	93
40) 2,2,4-trimethylpentane	8.957	57	805472	5.125	ppbv	95
41) 1,4-Dioxane	8.940	88	81586	4.552	ppbv	86
43) Heptane	9.087	43	324221	5.085	ppbv#	90
44) cis-1,3-Dichloropropene	9.446	75	262496	5.027	ppbv	94
45) 4-Methyl-2-pentanone(M...	9.439	43	400028	4.851	ppbv#	92
46) trans-1,3-Dichloropropene	9.734	75	212822	5.025	ppbv	96
47) 1,1,2-Trichloroethane	9.854	97	175756	5.080	ppbv	94
48) Toluene	10.016	91	521612	5.101	ppbv	98

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_20.D
Acq On : 25 Mar 2025 9:12 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 26 06:47:57 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	350075	5.085	ppbv	99
50) 2-Hexanone(MBK)	10.121	43	363371	4.803	ppbv#	88
51) 1,2-Dibromoethane(EDB)	10.410	107	299004	5.095	ppbv	97
52) Tetrachloroethene	10.656	166	246931	5.063	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.023	131	234259	5.244	ppbv	99
55) Chlorobenzene	11.039	112	396618	5.178	ppbv	88
56) Ethylbenzene	11.228	91	674569	5.153	ppbv	97
57) m,p-Xylene	11.327	91	1062148	10.700	ppbv	97
58) Bromoform	11.403	173	332870	5.210	ppbv	99
59) Styrene	11.531	104	383452	5.208	ppbv#	90
60) 1,1,2,2-Tetrachloroethane	11.592	83	404418	5.283	ppbv	96
61) o-Xylene	11.592	91	545705	5.120	ppbv	96
64) Isopropylbenzene	11.918	105	734509	5.250	ppbv	97
65) 4-Ethyltoluene	12.290	105	755669	5.233	ppbv	97
66) 1,3,5-Trimethylbenzene	12.328	105	644340	5.487	ppbv	95
67) 1,2,4-Trimethylbenzene	12.579	105	654175	5.374	ppbv	95
68) Benzyl chloride	12.677	91	551967	5.463	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	450854	5.469	ppbv	96
70) 1,4-Dichlorobenzene	12.738	146	394689	5.328	ppbv	97
71) sec-Butylbenzene	12.746	105	926524	5.351	ppbv	97
72) 4-Isopropyltoluene	12.837	119	857851	5.308	ppbv	96
73) 1,2-Dichlorobenzene	12.958	146	400115	5.371	ppbv	99
74) n-Butylbenzene	13.103	91	752318	5.283	ppbv	97
75) 1,2,4-Trichlorobenzene	14.143	180	268226	5.584	ppbv	98
76) Naphthalene	14.242	128	569332	5.531	ppbv#	98
77) Hexachlorobutadiene	14.492	225	280318	5.435	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.199	85	329434	4.732	ppbv	96
80] Vinyl Chloride(sim)	4.307	62	153787	4.893	ppbv	100
81] Bromomethane(sim)	4.661	94	118722	4.375	ppbv#	95
82] Trichlorofluoromethane...	5.393	101	380515	4.858	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	216892	4.753	ppbv	95
84] 1,1,1-Trichloroethane(...	8.049	97	324767	4.849	ppbv#	96
85] Benzene(sim)	8.334	78	407968	4.063	ppbv#	91
86] Carbon Tetrachloride(sim)	8.424	117	329588	4.841	ppbv	99
87] 1,1-Dichloroethene(sim)	5.848	61	242136	4.650	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	289058	4.851	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	231227	4.833	ppbv	90
90] 1,1-Dichloroethane(sim)	6.686	63	288201	4.867	ppbv	98
91] Cis-1,2-Dichloroethene...	7.227	61	219415	4.804	ppbv	92
92] Chloroform(sim)	7.416	83	309017	4.599	ppbv	97
94] 1,2-dichloropropane(sim)	8.813	63	200375	4.832	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	320680	4.832	ppbv	99
96] Trichloroethene(sim)	8.951	130	196921	4.877	ppbv	96
97] 1,4-Dioxane(sim)	8.940	88	81586	4.498	ppbv	86
98] cis-1,3-Dichloropropen...	9.441	75	279197	4.963	ppbv	97
99] 1,1,2-Trichloroethane(...	9.854	97	175756	4.813	ppbv	94
100] Dibromochloromethane(sim)	10.272	129	348229	4.987	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	299004	4.984	ppbv	98
102] Tetrachloroethene(sim)	10.659	166	244837	4.783	ppbv	95
104] Bromoform(sim)	11.405	173	319827	5.036	ppbv	99
105] m,p-Xylene(sim)	11.327	91	1065593	9.780	ppbv	97
106] 1,1,2,2-Tetrachloroeth...	11.587	83	418751	4.851	ppbv	99
107] Benzyl chloride(sim)	12.677	91	551967	5.947	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.703	146	454356	5.081	ppbv	100
109] 1,4-Dichlorobenzene(sim)	12.738	146	394689	5.046	ppbv	97

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_20.D
Acq On : 25 Mar 2025 9:12 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 26 06:47:57 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

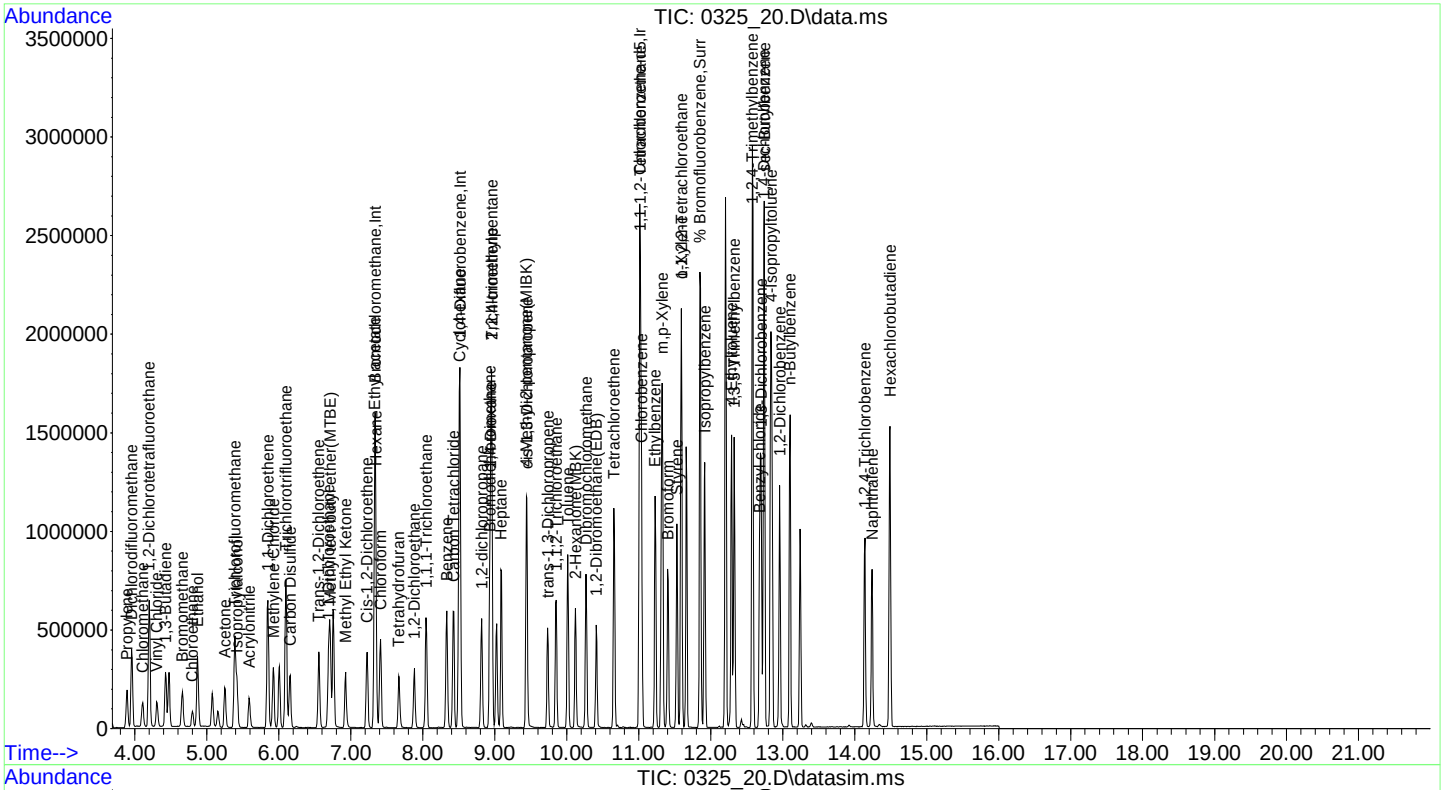
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	699393	4.845	ppbv	97
111] 4-Isopropyltoluene(sim)	12.837	119	857851	4.730	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	426637	5.054	ppbv	100
113] n-Butylbenzene(sim)	13.103	91	752413	5.004	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.138	180	283217	7.492	ppbv	98
116] Hexachlorobutadiene(sim)	14.488	225	279746	5.923	ppbv	99

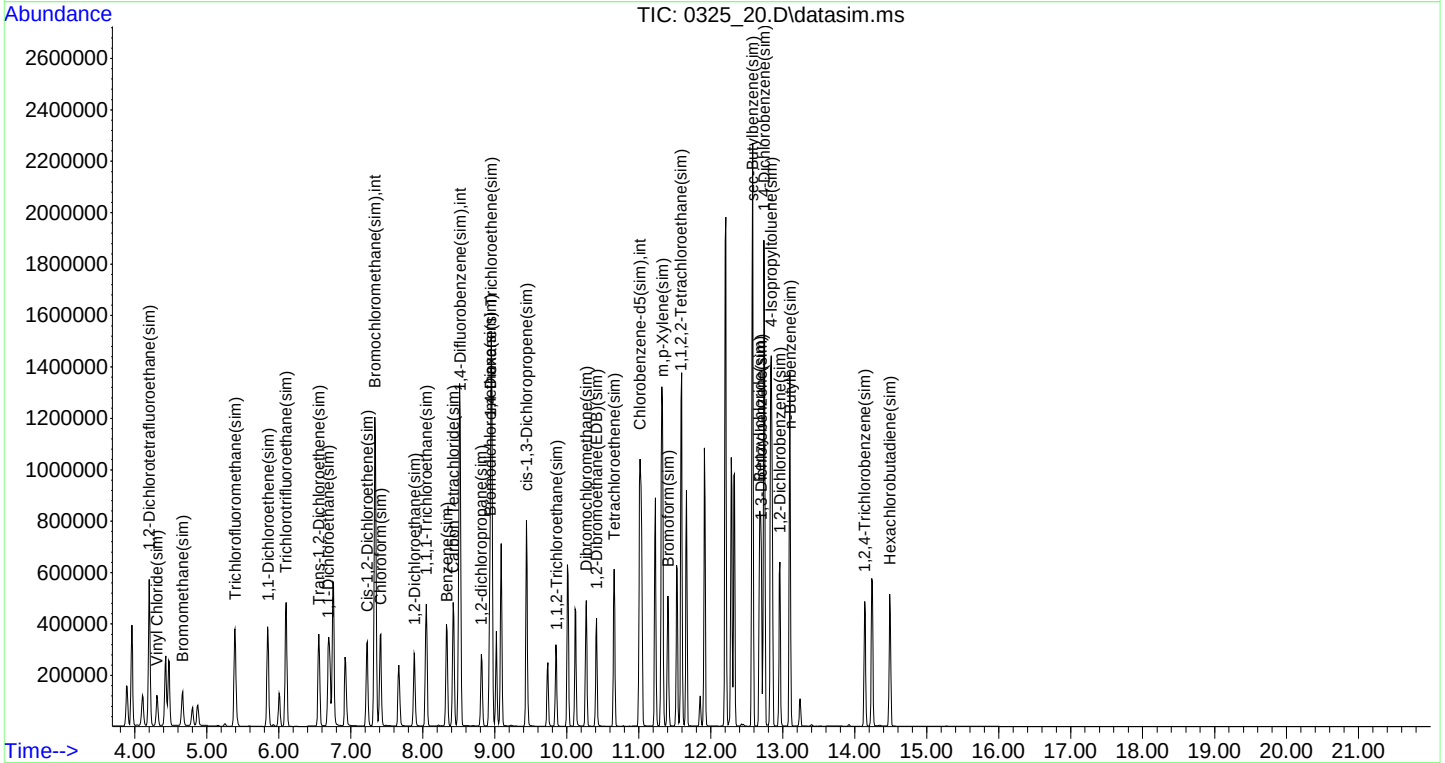
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_20.D
Acq On : 25 Mar 2025 9:12 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 26 06:47:57 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_21.D
Acq On : 25 Mar 2025 9:51 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 26 06:47:58 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	258305	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	954675	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	573083	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	256116	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	954681	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	573083	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	671642	12.115	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.10%				
Target Compounds							Qvalue
2) Propylene	3.882	41	552649	23.214	ppbv		98
3) Dichlorodifluoromethane	3.955	85	1693895	24.551	ppbv		97
4) Chloromethane	4.101	50	709056	24.255	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.191	85	1596314	24.239	ppbv		96
6) Vinyl Chloride	4.304	62	714855	24.630	ppbv		100
7) 1,3-Butadiene	4.426	54	607830	24.697	ppbv		98
8) Bromomethane	4.653	94	575954	23.843	ppbv#		95
9) Chloroethane	4.799	64	306847	23.632	ppbv		92
11) Ethanol	4.872	45	290221	20.360	ppbv#		94
12) Acetone	5.243	43	1195489	22.868	ppbv		97
13) Trichlorofluoromethane	5.384	101	1793826	24.734	ppbv		99
14) Isopropylalcohol	5.415	45	1330367	23.419	ppbv		96
15) Acrylonitrile	5.587	53	581537	25.319	ppbv		98
16) 1,1-Dichloroethene	5.842	61	1215915	24.913	ppbv		90
17) Methylene Chloride	5.919	49	925934	22.837	ppbv#		81
20) Carbon Disulfide	6.151	76	1792937	24.796	ppbv		100
21) Trichlorotrifluoroethane	6.098	101	1393589	24.962	ppbv		96
22) Trans-1,2-Dichloroethene	6.553	61	1152432	24.940	ppbv		90
23) 1,1-Dichloroethane	6.691	63	1331623	24.897	ppbv		100
24) Methyl tert-butyl ethe...	6.707	73	1809434	24.983	ppbv#		87
25) Methyl Ethyl Ketone	6.918	43	1654892	25.351	ppbv#		92
26) Cis-1,2-Dichloroethene	7.226	61	1087062	25.066	ppbv		91
27) Hexane	7.340	57	1239317	24.804	ppbv#		92
28) Chloroform	7.413	83	1457159	24.781	ppbv		95
29) Ethyl acetate	7.324	61	284588	25.300	ppbv		97
30) Tetrahydrofuran	7.664	42	817709	24.455	ppbv#		82
31) 1,2-Dichloroethane	7.883	62	1090643	25.268	ppbv		95
32) 1,1,1-Trichloroethane	8.045	97	1526052	25.058	ppbv		97
33) Benzene	8.334	78	1983823	24.063	ppbv#		92
34) Carbon Tetrachloride	8.421	117	1633194	25.473	ppbv		98
35) Cyclohexane	8.499	84	778168	24.323	ppbv#		78
37) 1,2-dichloropropane	8.819	63	935585	25.094	ppbv		92
38) Bromodichloromethane	8.931	83	1629833	25.596	ppbv		99
39) Trichloroethene	8.957	130	956166	25.298	ppbv		93
40) 2,2,4-trimethylpentane	8.957	57	3904485	24.767	ppbv		98
41) 1,4-Dioxane	8.931	88	415223	23.096	ppbv		87
43) Heptane	9.087	43	1599319	25.004	ppbv#		89
44) cis-1,3-Dichloropropene	9.445	75	1349571	25.763	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.438	43	2060094	24.902	ppbv#		91
46) trans-1,3-Dichloropropene	9.734	75	1100793	25.909	ppbv		97
47) 1,1,2-Trichloroethane	9.854	97	879051	25.328	ppbv		95
48) Toluene	10.016	91	2518079	24.546	ppbv		96

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_21.D
Acq On : 25 Mar 2025 9:51 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 26 06:47:58 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	1797036	26.020	ppbv	99
50) 2-Hexanone(MBK)	10.121	43	1919319	25.290	ppbv#	87
51) 1,2-Dibromoethane(EDB)	10.410	107	1495933	25.409	ppbv	98
52) Tetrachloroethene	10.656	166	1227421	25.085	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.023	131	1158556	22.988	ppbv	98
55) Chlorobenzene	11.038	112	1964050	22.727	ppbv	87
56) Ethylbenzene	11.228	91	3222326	21.817	ppbv	95
57) m,p-Xylene	11.327	91	5034273	44.951	ppbv	96
58) Bromoform	11.410	173	1756349	24.364	ppbv	97
59) Styrene	11.531	104	1919412	23.106	ppbv#	91
60) 1,1,2,2-Tetrachloroethane	11.592	83	1998666	23.140	ppbv	96
61) o-Xylene	11.592	91	2682920	22.312	ppbv	96
64) Isopropylbenzene	11.918	105	3438335	21.784	ppbv	94
65) 4-Ethyltoluene	12.290	105	3761850	23.090	ppbv	97
66) 1,3,5-Trimethylbenzene	12.328	105	2895906	21.859	ppbv#	88
67) 1,2,4-Trimethylbenzene	12.586	105	3154182	22.964	ppbv	95
68) Benzyl chloride	12.685	91	2884360	25.303	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	2205265	23.708	ppbv	98
70) 1,4-Dichlorobenzene	12.738	146	1949273	23.322	ppbv	97
71) sec-Butylbenzene	12.745	105	4245520	21.734	ppbv	95
72) 4-Isopropyltoluene	12.837	119	4042655	22.170	ppbv	99
73) 1,2-Dichlorobenzene	12.958	146	1987576	23.646	ppbv	99
74) n-Butylbenzene	13.102	91	3683148	22.925	ppbv#	92
75) 1,2,4-Trichlorobenzene	14.143	180	1568583	28.941	ppbv	97
76) Naphthalene	14.242	128	3382843	29.130	ppbv#	97
77) Hexachlorobutadiene	14.492	225	1517375	26.077	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.191	85	1595961	22.749	ppbv	96
80] Vinyl Chloride(sim)	4.307	62	750868	23.709	ppbv	100
81] Bromomethane(sim)	4.653	94	575954	21.064	ppbv#	95
82] Trichlorofluoromethane...	5.387	101	1859951	23.568	ppbv#	99
83] 1,2-Dichloroethane(sim)	7.883	62	1090643	23.718	ppbv	95
84] 1,1,1-Trichloroethane(...	8.048	97	1603055	23.752	ppbv#	96
85] Benzene(sim)	8.334	78	1983823	19.607	ppbv#	92
86] Carbon Tetrachloride(sim)	8.424	117	1656387	24.146	ppbv	99
87] 1,1-Dichloroethene(sim)	5.842	61	1215915	23.171	ppbv	90
88] Trichlorotrifluoroetha...	6.095	101	1436052	23.917	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	1152432	23.906	ppbv	90
90] 1,1-Dichloroethane(sim)	6.686	63	1418195	23.768	ppbv	97
91] Cis-1,2-Dichloroethene...	7.226	61	1087062	23.619	ppbv	91
92] Chloroform(sim)	7.408	83	1512436	22.338	ppbv	96
94] 1,2-dichloropropane(sim)	8.813	63	989044	23.773	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	1629833	24.480	ppbv	99
96] Trichloroethene(sim)	8.951	130	960780	23.720	ppbv	97
97] 1,4-Dioxane(sim)	8.931	88	415223	22.821	ppbv	87
98] cis-1,3-Dichloropropen...	9.441	75	1407536	24.938	ppbv	97
99] 1,1,2-Trichloroethane(...	9.854	97	879051	23.996	ppbv	95
100] Dibromochloromethane(sim)	10.272	129	1766943	25.226	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	1495933	24.857	ppbv	98
102] Tetrachloroethene(sim)	10.659	166	1193488	23.239	ppbv	94
104] Bromoform(sim)	11.405	173	1663324	23.211	ppbv	99
105] m,p-Xylene(sim)	11.327	91	5039490	40.996	ppbv#	95
106] 1,1,2,2-Tetrachloroeth...	11.595	83	2068002	21.233	ppbv	99
107] Benzyl chloride(sim)	12.685	91	2884360	27.543	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.703	146	2209383	21.899	ppbv	98
109] 1,4-Dichlorobenzene(sim)	12.738	146	1949273	22.087	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_21.D
Acq On : 25 Mar 2025 9:51 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 26 06:47:58 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

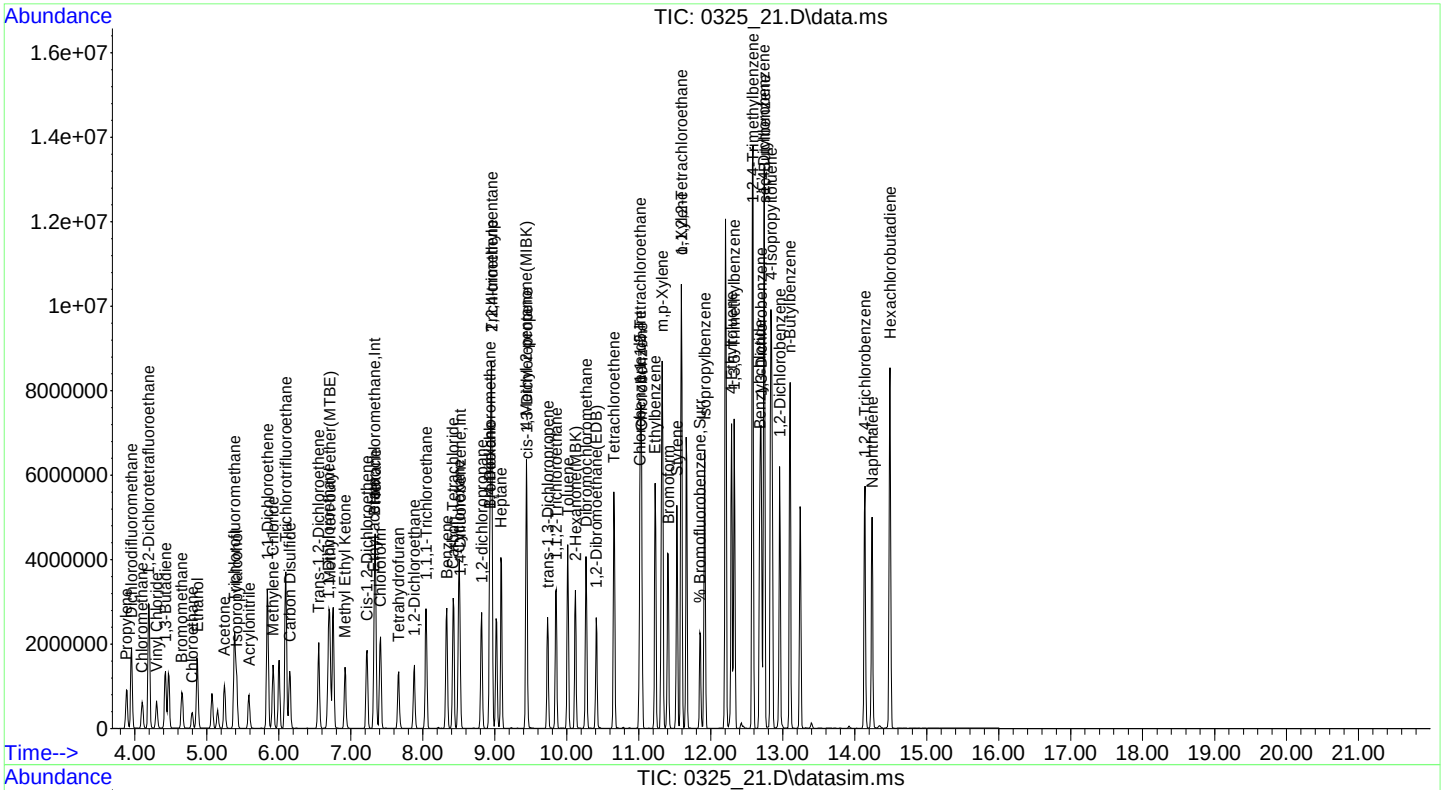
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	3285418	20.171	ppbv	99
111] 4-Isopropyltoluene(sim)	12.837	119	4042655	19.757	ppbv	99
112] 1,2-Dichlorobenzene(sim)	12.961	146	2092329	21.967	ppbv	98
113] n-Butylbenzene(sim)	13.102	91	3683728	21.715	ppbv	92
114] 1,2,4-Trichlorobenzene...	14.138	180	1657090	26.570	ppbv	98
116] Hexachlorobutadiene(sim)	14.488	225	1494645	21.219	ppbv	99

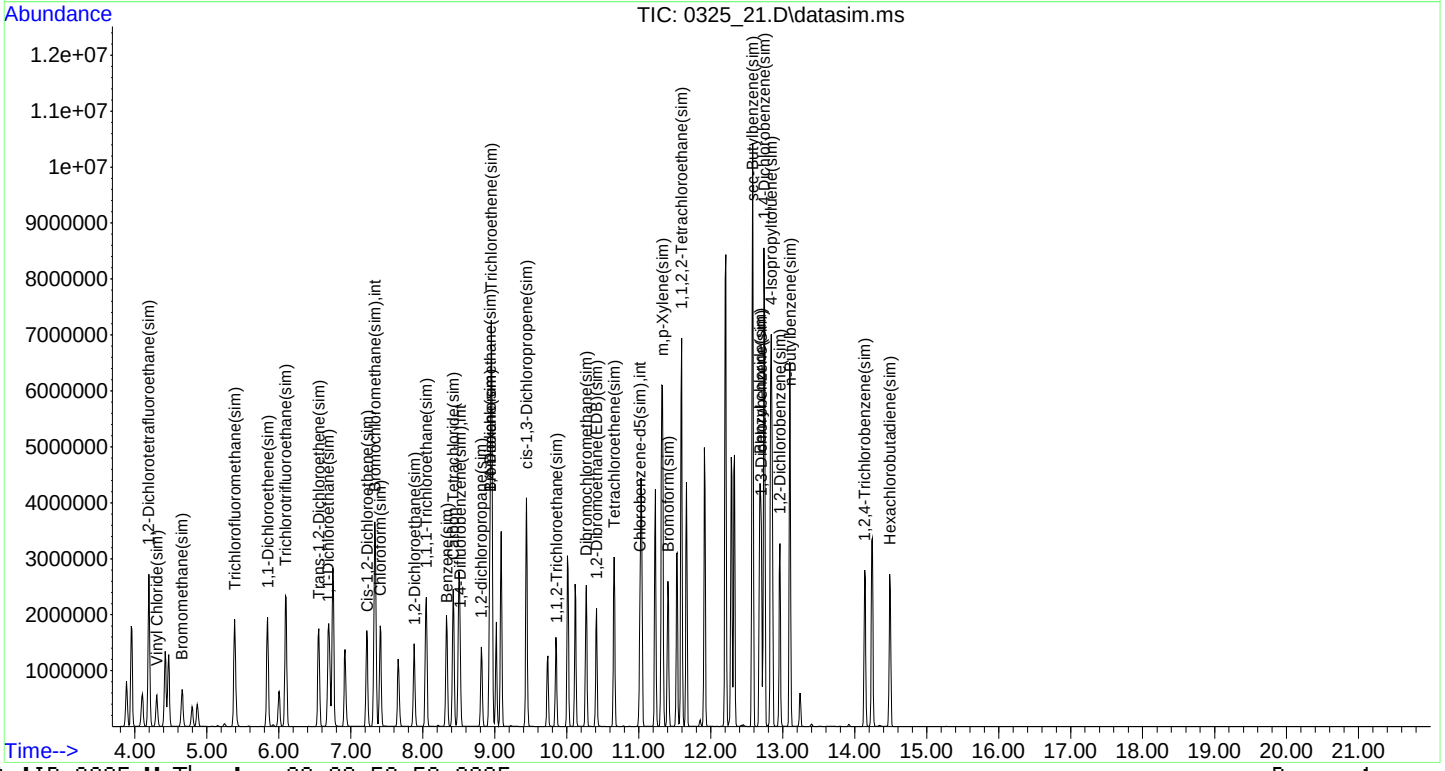
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_21.D
Acq On : 25 Mar 2025 9:51 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 26 06:47:58 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_22.D
Acq On : 25 Mar 2025 10:33 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 26 06:47:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.340	130	259067	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	953782	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	612687	10.000	ng		0.00
78) Bromochloromethane(sim)	7.343	130	254291	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	953785	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	612949	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.857	95	672324	11.343	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.40%				
Target Compounds							Qvalue
2) Propylene	3.891	41	876087	36.692	ppbv		99
3) Dichlorodifluoromethane	3.964	85	2589536	37.421	ppbv		97
4) Chloromethane	4.110	50	1118932	38.164	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.199	85	2459960	37.242	ppbv		97
6) Vinyl Chloride	4.312	62	1122813	38.572	ppbv		100
7) 1,3-Butadiene	4.434	54	948345	38.420	ppbv		97
8) Bromomethane	4.661	94	907738	37.467	ppbv#		95
9) Chloroethane	4.799	64	480840	36.924	ppbv		93
11) Ethanol	4.872	45	444345	31.081	ppbv#		92
12) Acetone	5.249	43	1881786	35.890	ppbv		96
13) Trichlorofluoromethane	5.390	101	2818359	38.747	ppbv		98
14) Isopropylalcohol	5.421	45	2130117	37.387	ppbv		97
15) Acrylonitrile	5.587	53	921597	40.006	ppbv		98
16) 1,1-Dichloroethene	5.848	61	1924209	39.309	ppbv		90
17) Methylene Chloride	5.925	49	1449867	35.654	ppbv#		80
20) Carbon Disulfide	6.157	76	2770076	38.196	ppbv		99
21) Trichlorotrifluoroethane	6.098	101	2193893	39.181	ppbv		96
22) Trans-1,2-Dichloroethene	6.553	61	1804438	38.935	ppbv		89
23) 1,1-Dichloroethane	6.691	63	2091259	38.985	ppbv		99
24) Methyl tert-butyl ethe...	6.707	73	2809058	38.670	ppbv#		86
25) Methyl Ethyl Ketone	6.926	43	2607657	39.829	ppbv#		92
26) Cis-1,2-Dichloroethene	7.226	61	1708616	39.282	ppbv		91
27) Hexane	7.348	57	1954249	38.997	ppbv#		92
28) Chloroform	7.413	83	2266511	38.432	ppbv		95
29) Ethyl acetate	7.332	61	455396	40.366	ppbv		97
30) Tetrahydrofuran	7.664	42	1276920	38.077	ppbv#		82
31) 1,2-Dichloroethane	7.883	62	1694999	39.154	ppbv		95
32) 1,1,1-Trichloroethane	8.045	97	2397349	39.250	ppbv		97
33) Benzene	8.334	78	3068295	37.108	ppbv#		92
34) Carbon Tetrachloride	8.429	117	2562915	39.856	ppbv		98
35) Cyclohexane	8.507	84	1217985	37.958	ppbv#		78
37) 1,2-dichloropropane	8.819	63	1460379	39.207	ppbv		92
38) Bromodichloromethane	8.931	83	2558602	40.220	ppbv		99
39) Trichloroethene	8.957	130	1462071	38.720	ppbv		94
40) 2,2,4-trimethylpentane	8.957	57	5824253	36.978	ppbv		100
41) 1,4-Dioxane	8.940	88	657764	36.620	ppbv		87
43) Heptane	9.095	43	2476563	38.756	ppbv#		88
44) cis-1,3-Dichloropropene	9.445	75	2116672	40.445	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.438	43	3164341	38.286	ppbv#		89
46) trans-1,3-Dichloropropene	9.734	75	1733254	40.834	ppbv		97
47) 1,1,2-Trichloroethane	9.854	97	1372601	39.586	ppbv		96
48) Toluene	10.016	91	3829735	37.367	ppbv		95

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_22.D
Acq On : 25 Mar 2025 10:33 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 26 06:47:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	2801469	40.601	ppbv	98
50) 2-Hexanone(MBK)	10.121	43	3007333	39.663	ppbv#	85
51) 1,2-Dibromoethane(EDB)	10.410	107	2317701	39.403	ppbv	97
52) Tetrachloroethene	10.656	166	1885503	38.571	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.023	131	1805008	33.500	ppbv	98
55) Chlorobenzene	11.038	112	3012135	32.602	ppbv	88
56) Ethylbenzene	11.228	91	4803930	30.423	ppbv	93
57) m,p-Xylene	11.326	91	7263336	60.661	ppbv	92
58) Bromoform	11.410	173	2742411	35.583	ppbv	96
59) Styrene	11.531	104	2993467	33.706	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.592	83	3067789	33.222	ppbv	97
61) o-Xylene	11.599	91	4037586	31.407	ppbv	95
64) Isopropylbenzene	11.918	105	5054370	29.953	ppbv#	91
65) 4-Ethyltoluene	12.290	105	5491093	31.525	ppbv#	90
66) 1,3,5-Trimethylbenzene	12.328	105	4363877	30.810	ppbv	91
67) 1,2,4-Trimethylbenzene	12.586	105	4578459	31.179	ppbv	95
68) Benzyl chloride	12.685	91	4354430	35.730	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	3301286	33.197	ppbv	96
70) 1,4-Dichlorobenzene	12.738	146	2954837	33.068	ppbv	96
71) sec-Butylbenzene	12.745	105	5944032	28.462	ppbv#	92
72) 4-Isopropyltoluene	12.837	119	5791251	29.706	ppbv	94
73) 1,2-Dichlorobenzene	12.958	146	3056088	34.008	ppbv	97
74) n-Butylbenzene	13.102	91	5330281	31.032	ppbv#	88
75) 1,2,4-Trichlorobenzene	14.143	180	2492980	43.023	ppbv	97
76) Naphthalene	14.242	128	5259912	42.365	ppbv#	95
77) Hexachlorobutadiene	14.492	225	2334342	37.524	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.199	85	2459324	35.307	ppbv	97
80] Vinyl Chloride(sim)	4.307	62	1176748	37.423	ppbv	100
81] Bromomethane(sim)	4.661	94	907738	33.436	ppbv#	95
82] Trichlorofluoromethane...	5.393	101	2897099	36.973	ppbv#	99
83] 1,2-Dichloroethane(sim)	7.883	62	1694999	37.125	ppbv	95
84] 1,1,1-Trichloroethane(...	8.048	97	2498152	37.279	ppbv#	96
85] Benzene(sim)	8.334	78	3068295	30.543	ppbv#	92
86] Carbon Tetrachloride(sim)	8.424	117	2599283	38.163	ppbv	99
87] 1,1-Dichloroethene(sim)	5.848	61	1924209	36.932	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	2248605	37.719	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	1804438	37.700	ppbv	89
90] 1,1-Dichloroethane(sim)	6.694	63	2205276	37.224	ppbv	96
91] Cis-1,2-Dichloroethene...	7.226	61	1708616	37.390	ppbv	91
92] Chloroform(sim)	7.416	83	2349183	34.945	ppbv	96
94] 1,2-dichloropropane(sim)	8.813	63	1540849	37.071	ppbv	92
95] Bromodichloromethane(sim)	8.931	83	2558602	38.467	ppbv	99
96] Trichloroethene(sim)	8.960	130	1463320	36.161	ppbv	98
97] 1,4-Dioxane(sim)	8.940	88	657764	36.185	ppbv	87
98] cis-1,3-Dichloropropen...	9.441	75	2197179	38.966	ppbv	96
99] 1,1,2-Trichloroethane(...	9.854	97	1372601	37.504	ppbv	96
100] Dibromochloromethane(sim)	10.272	129	2747210	39.258	ppbv	98
101] 1,2-Dibromoethane(EDB)...	10.410	107	2317701	38.548	ppbv	97
102] Tetrachloroethene(sim)	10.659	166	1826888	35.606	ppbv	93
104] Bromoform(sim)	11.413	173	2595462	33.863	ppbv	97
105] m,p-Xylene(sim)	11.326	91	7268299	55.281	ppbv#	91
106] 1,1,2,2-Tetrachloroeth...	11.595	83	3158592	30.322	ppbv	98
107] Benzyl chloride(sim)	12.685	91	4354430	38.877	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.703	146	3562080	33.010	ppbv	98
109] 1,4-Dichlorobenzene(sim)	12.738	146	2954837	31.304	ppbv	96

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_22.D
Acq On : 25 Mar 2025 10:33 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 26 06:47:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration

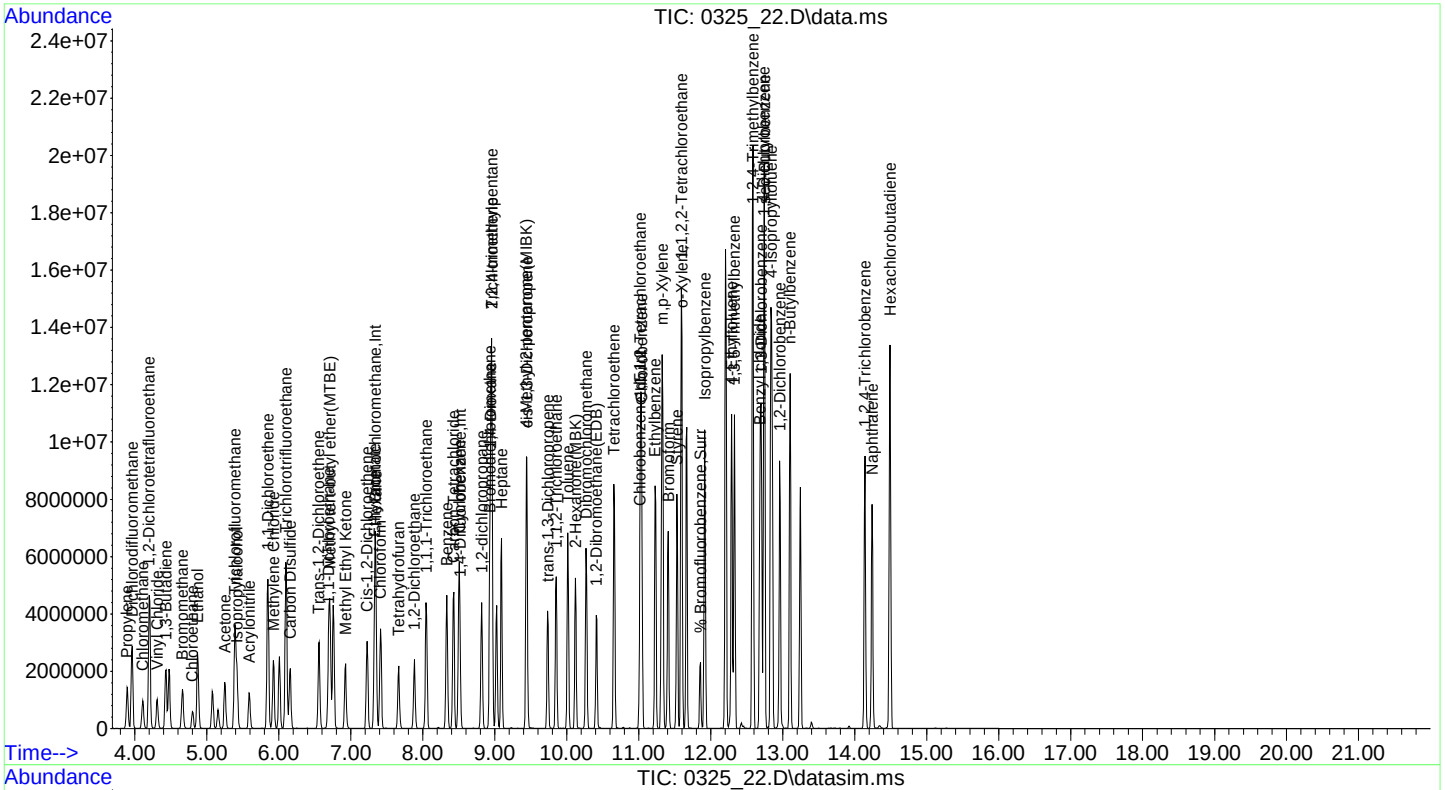
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	4682040	26.877	ppbv	95
111] 4-Isopropyltoluene(sim)	12.837	119	5791251	26.462	ppbv	94
112] 1,2-Dichlorobenzene(sim)	12.961	146	3194886	31.360	ppbv	96
113] n-Butylbenzene(sim)	13.102	91	5330281	29.377	ppbv	88
114] 1,2,4-Trichlorobenzene...	14.146	180	2624738	34.685	ppbv	98
116] Hexachlorobutadiene(sim)	14.488	225	2287858	27.578	ppbv	99

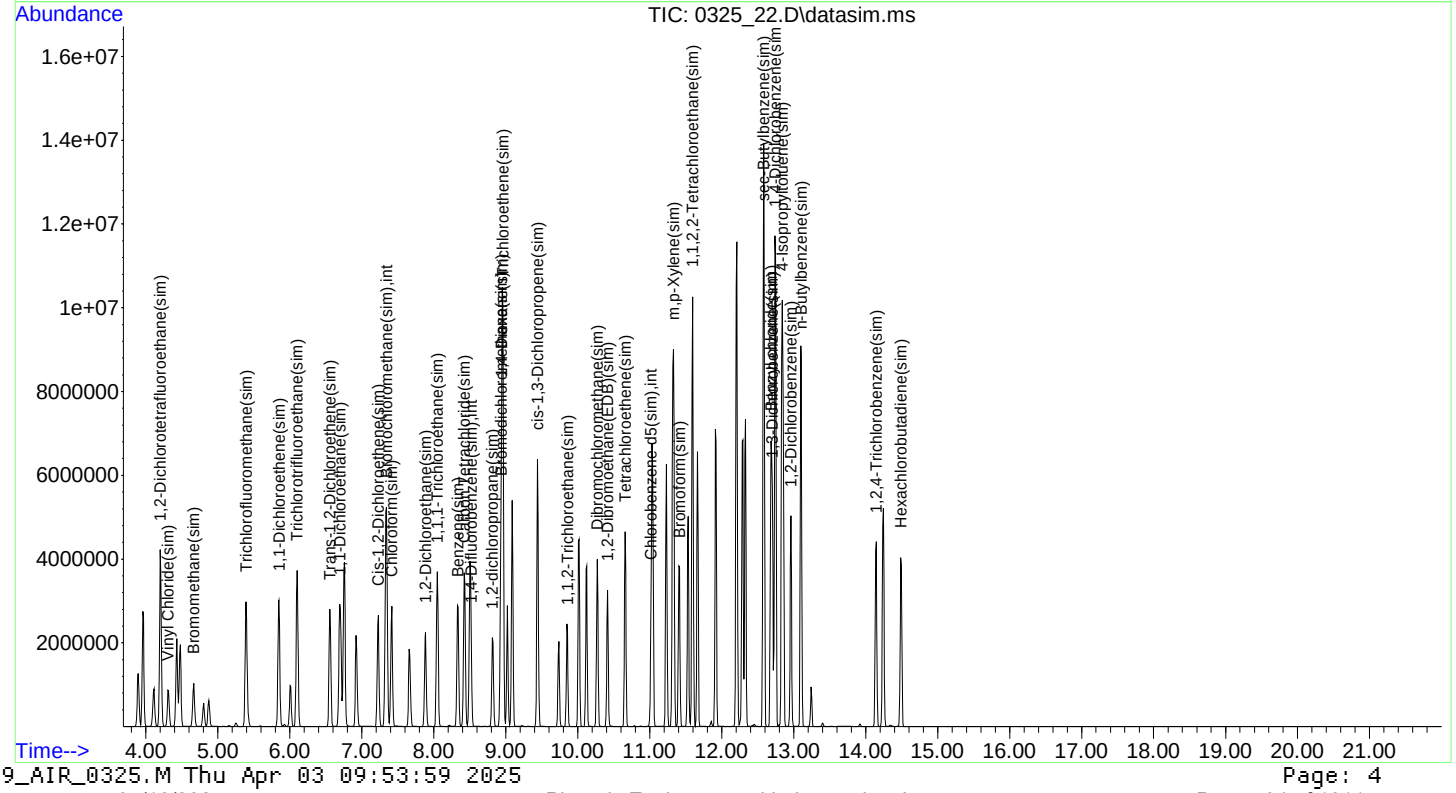
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_22.D
Acq On : 25 Mar 2025 10:33 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 26 06:47:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 07:09:18 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_23.D
Acq On : 25 Mar 2025 11:10 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 26 08:41:46 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	244621	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	907015	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	470565	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	242896	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	907015	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	470565	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	640594	10.527	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.30%				
Target Compounds							Qvalue
2) Propylene	3.891	41	21339	0.946	ppbv		93
3) Dichlorodifluoromethane	3.956	85	65085	0.996	ppbv		99
4) Chloromethane	4.102	50	27622	0.998	ppbv		94
5) 1,2-Dichlorotetrafluor...	4.191	85	63558	1.019	ppbv		95
6) Vinyl Chloride	4.304	62	27614	1.005	ppbv		99
7) 1,3-Butadiene	4.418	54	23288	0.999	ppbv		96
8) Bromomethane	4.653	94	23051	1.008	ppbv		98
9) Chloroethane	4.799	64	11948	0.972	ppbv		90
11) Ethanol	4.872	45	14443	1.070	ppbv#		94
12) Acetone	5.249	43	50347	1.017	ppbv		100
13) Trichlorofluoromethane	5.384	101	67930	0.989	ppbv		99
14) Isopropylalcohol	5.415	45	56869	1.057	ppbv		98
15) Acrylonitrile	5.587	53	22214	1.021	ppbv		96
16) 1,1-Dichloroethene	5.842	61	45798	0.991	ppbv		89
17) Methylene Chloride	5.919	49	37187	0.968	ppbv#		79
20) Carbon Disulfide	6.151	76	67199	0.981	ppbv		98
21) Trichlorotrifluoroethane	6.092	101	52080	0.985	ppbv		96
22) Trans-1,2-Dichloroethene	6.553	61	43609	0.997	ppbv		89
23) 1,1-Dichloroethane	6.683	63	50221	0.992	ppbv		99
24) Methyl tert-butyl ethe...	6.716	73	68975	1.006	ppbv#		88
25) Methyl Ethyl Ketone	6.926	43	66149	1.070	ppbv#		93
26) Cis-1,2-Dichloroethene	7.226	61	41277	1.005	ppbv		93
27) Hexane	7.340	57	46530	0.983	ppbv		92
28) Chloroform	7.413	83	55370	0.994	ppbv		94
29) Ethyl acetate	7.332	61	10915	1.025	ppbv		96
30) Tetrahydrofuran	7.673	42	32216	1.017	ppbv#		80
31) 1,2-Dichloroethane	7.883	62	40187	0.983	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	57619	0.999	ppbv		96
33) Benzene	8.334	78	77797	0.996	ppbv#		92
34) Carbon Tetrachloride	8.420	117	60794	1.001	ppbv		99
35) Cyclohexane	8.498	84	29984	0.990	ppbv#		86
37) 1,2-dichloropropane	8.818	63	35303	0.997	ppbv		93
38) Bromodichloromethane	8.931	83	60736	1.004	ppbv		99
39) Trichloroethene	8.948	130	35500	0.989	ppbv		94
40) 2,2,4-trimethylpentane	8.957	57	150523	1.005	ppbv		97
41) 1,4-Dioxane	8.939	88	24109	1.411	ppbv#		74
43) Heptane	9.086	43	61026	1.004	ppbv#		91
44) cis-1,3-Dichloropropene	9.445	75	50385	1.012	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.445	43	85351	1.086	ppbv#		94
46) trans-1,3-Dichloropropene	9.734	75	41567	1.030	ppbv		95
47) 1,1,2-Trichloroethane	9.853	97	33679	1.021	ppbv		96
48) Toluene	10.015	91	98185	1.007	ppbv		98

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_23.D
Acq On : 25 Mar 2025 11:10 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 26 08:41:46 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.269	129	67349	1.026	ppbv	99
50)	2-Hexanone(MBK)	10.121	43	77956	1.081	ppbv#	89
51)	1,2-Dibromoethane(EDB)	10.409	107	59483	1.063	ppbv	99
52)	Tetrachloroethene	10.656	166	46593	1.002	ppbv	96
54)	1,1,1,2-Tetrachloroethane	11.023	131	43723	1.057	ppbv	98
55)	Chlorobenzene	11.038	112	77854	1.097	ppbv	94
56)	Ethylbenzene	11.228	91	130894	1.079	ppbv	98
57)	m,p-Xylene	11.326	91	203698	2.215	ppbv	98
58)	Bromoform	11.402	173	64858	1.096	ppbv	98
59)	Styrene	11.531	104	76066	1.115	ppbv#	91
60)	1,1,2,2-Tetrachloroethane	11.591	83	79275	1.118	ppbv	97
61)	o-Xylene	11.591	91	104692	1.060	ppbv	97
64)	Isopropylbenzene	11.918	105	144234	1.113	ppbv	97
65)	4-Ethyltoluene	12.289	105	141580	1.058	ppbv	97
66)	1,3,5-Trimethylbenzene	12.327	105	120523	1.108	ppbv	95
67)	1,2,4-Trimethylbenzene	12.578	105	121109	1.074	ppbv	94
68)	Benzyl chloride	12.684	91	110258	1.178	ppbv	97
69)	1,3-Dichlorobenzene	12.699	146	84651	1.108	ppbv	96
70)	1,4-Dichlorobenzene	12.737	146	75900	1.106	ppbv	97
71)	sec-Butylbenzene	12.745	105	176681	1.102	ppbv	97
72)	4-Isopropyltoluene	12.836	119	165070	1.102	ppbv	96
73)	1,2-Dichlorobenzene	12.958	146	77702	1.126	ppbv	99
74)	n-Butylbenzene	13.102	91	144743	1.097	ppbv	97
75)	1,2,4-Trichlorobenzene	14.142	180	44836	1.007	ppbv	98
76)	Naphthalene	14.241	128	106366	1.115	ppbv#	99
77)	Hexachlorobutadiene	14.492	225	47073	0.985	ppbv	100
79]	1,2-Dichlorotetrafluor...	4.191	85	63558	0.955	ppbv	95
80]	Vinyl Chloride(sim)	4.299	62	28859	0.961	ppbv	99
81]	Bromomethane(sim)	4.653	94	23051	0.889	ppbv	98
82]	Trichlorofluoromethane...	5.387	101	71707	0.958	ppbv#	100
83]	1,2-Dichloroethane(sim)	7.883	62	40187	0.921	ppbv	95
84]	1,1,1-Trichloroethane(...	8.048	97	60918	0.952	ppbv#	95
85]	Benzene(sim)	8.334	78	77797	0.811	ppbv#	92
86]	Carbon Tetrachloride(sim)	8.423	117	61480	0.945	ppbv	99
87]	1,1-Dichloroethene(sim)	5.842	61	45798	0.920	ppbv	89
88]	Trichlorotrifluoroetha...	6.095	101	53889	0.946	ppbv#	96
89]	Trans-1,2-Dichloroethe...	6.553	61	43609	0.954	ppbv	89
90]	1,1-Dichloroethane(sim)	6.686	63	53670	0.948	ppbv	98
91]	Cis-1,2-Dichloroethene...	7.226	61	41277	0.946	ppbv	93
92]	Chloroform(sim)	7.408	83	57845	0.901	ppbv	97
94]	1,2-dichloropropane(sim)	8.812	63	37901	0.959	ppbv	92
95]	Bromodichloromethane(sim)	8.931	83	60736	0.960	ppbv	99
96]	Trichloroethene(sim)	8.951	130	36917	0.959	ppbv	96
97]	1,4-Dioxane(sim)	8.939	88	24109	1.395	ppbv#	74
98]	cis-1,3-Dichloropropen...	9.441	75	52663	0.982	ppbv	98
99]	1,1,2-Trichloroethane(...	9.853	97	33679	0.968	ppbv	97
100]	Dibromochloromethane(sim)	10.271	129	66982	1.007	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.409	107	59483	1.040	ppbv	99
102]	Tetrachloroethene(sim)	10.659	166	46232	0.948	ppbv	95
104]	Bromoform(sim)	11.405	173	63305	1.076	ppbv	99
105]	m,p-Xylene(sim)	11.326	91	205543	2.036	ppbv	98
106]	1,1,2,2-Tetrachloroeth...	11.587	83	83604	1.045	ppbv	99
107]	Benzyl chloride(sim)	12.684	91	110258	1.282	ppbv	97
108]	1,3-Dichlorobenzene(sim)	12.702	146	86983	1.050	ppbv	99
109]	1,4-Dichlorobenzene(sim)	12.737	146	75900	1.047	ppbv	97

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_23.D
Acq On : 25 Mar 2025 11:10 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 26 08:41:46 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

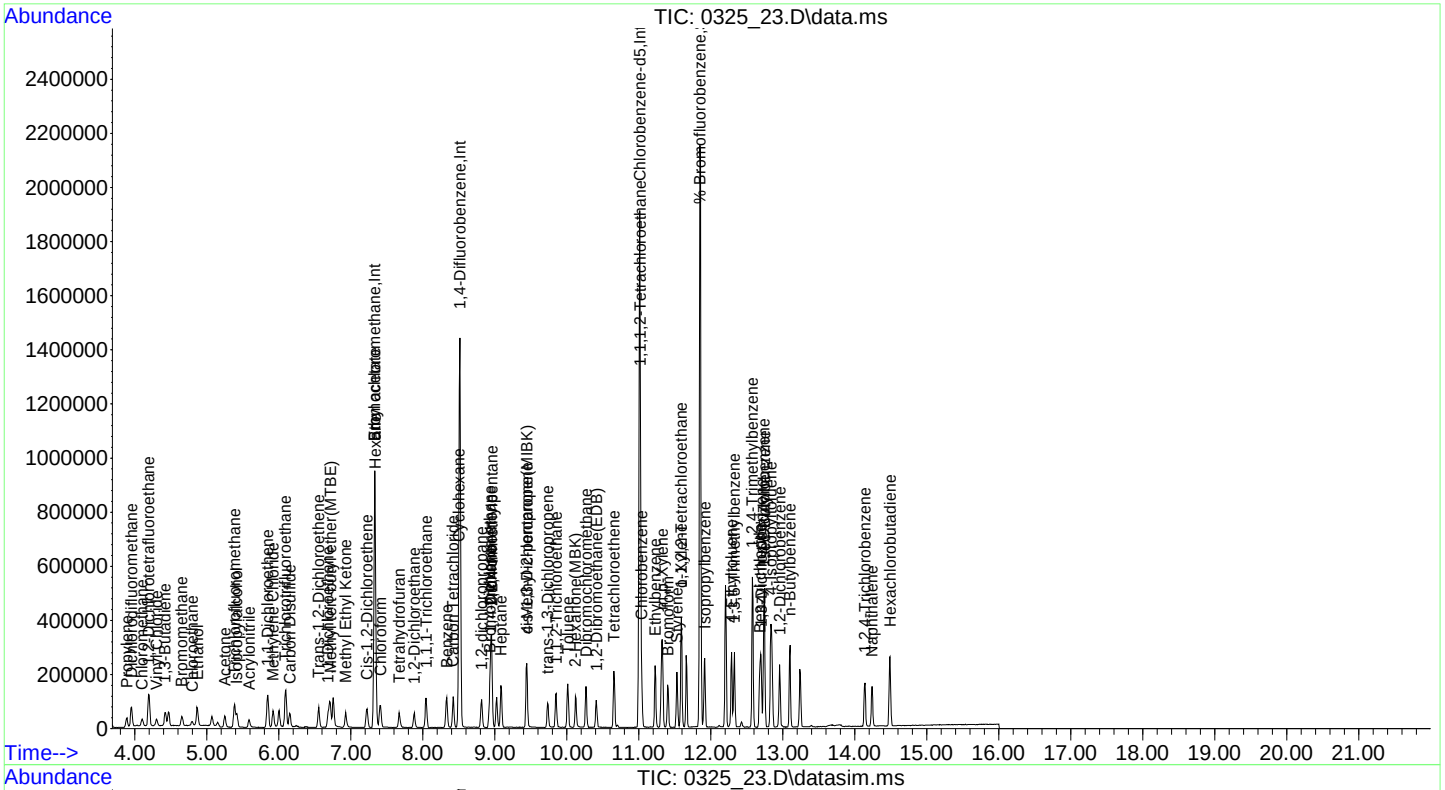
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	130380	0.975	ppbv	97
111] 4-Isopropyltoluene(sim)	12.836	119	165070	0.982	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	82314	1.052	ppbv	100
113] n-Butylbenzene(sim)	13.102	91	144743	1.039	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.138	180	47583	1.065	ppbv	99
116] Hexachlorobutadiene(sim)	14.487	225	47860	1.014	ppbv	99

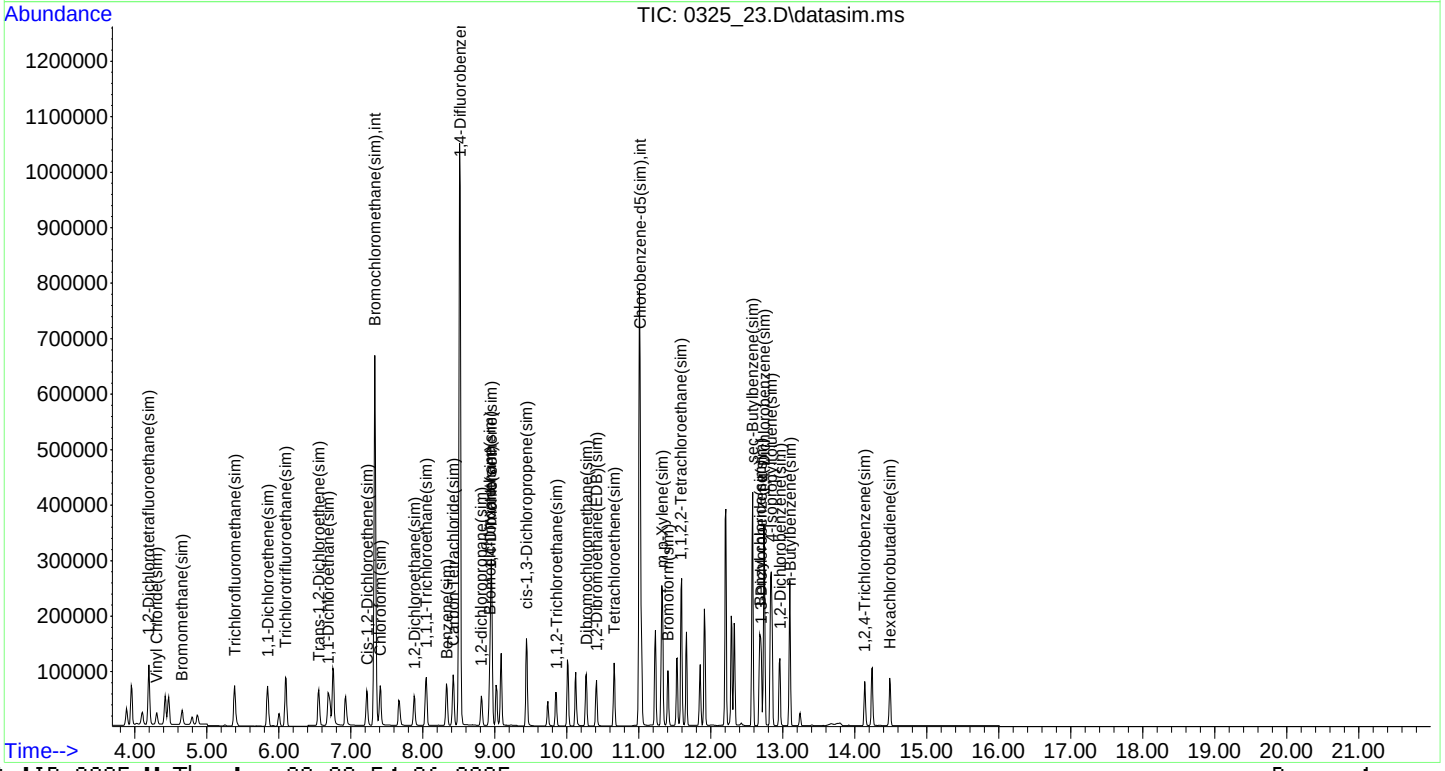
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_23.D
Acq On : 25 Mar 2025 11:10 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 26 08:41:46 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_24.D
Acq On : 25 Mar 2025 11:48 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 08:42:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.340	130	244477	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	902888	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	492396	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	242382	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	902888	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	492396	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	641277	10.071	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.70%				
Target Compounds							Qvalue
2) Propylene	3.891	41	207169	9.194	ppbv		98
3) Dichlorodifluoromethane	3.964	85	654568	10.024	ppbv		98
4) Chloromethane	4.110	50	273076	9.870	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.199	85	616633	9.893	ppbv		96
6) Vinyl Chloride	4.312	62	271173	9.872	ppbv		99
7) 1,3-Butadiene	4.434	54	232134	9.965	ppbv		97
8) Bromomethane	4.661	94	221012	9.667	ppbv	#	95
9) Chloroethane	4.799	64	116494	9.479	ppbv		91
11) Ethanol	4.872	45	121703	9.021	ppbv	#	94
12) Acetone	5.249	43	454535	9.186	ppbv		98
13) Trichlorofluoromethane	5.390	101	678400	9.883	ppbv		99
14) Isopropylalcohol	5.421	45	528549	9.830	ppbv		96
15) Acrylonitrile	5.587	53	214317	9.859	ppbv		98
16) 1,1-Dichloroethene	5.848	61	455045	9.851	ppbv		89
17) Methylene Chloride	5.925	49	350110	9.123	ppbv	#	81
20) Carbon Disulfide	6.157	76	678725	9.917	ppbv		100
21) Trichlorotrifluoroethane	6.098	101	527375	9.980	ppbv		95
22) Trans-1,2-Dichloroethene	6.553	61	430184	9.836	ppbv		89
23) 1,1-Dichloroethane	6.691	63	497453	9.827	ppbv		99
24) Methyl tert-butyl ethe...	6.716	73	681231	9.938	ppbv	#	87
25) Methyl Ethyl Ketone	6.926	43	627573	10.158	ppbv	#	93
26) Cis-1,2-Dichloroethene	7.227	61	403860	9.839	ppbv		90
27) Hexane	7.348	57	460283	9.733	ppbv	#	92
28) Chloroform	7.413	83	551818	9.915	ppbv		95
29) Ethyl acetate	7.332	61	105580	9.917	ppbv		98
30) Tetrahydrofuran	7.664	42	303593	9.593	ppbv	#	82
31) 1,2-Dichloroethane	7.883	62	409383	10.021	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	577230	10.014	ppbv		96
33) Benzene	8.334	78	746755	9.570	ppbv	#	92
34) Carbon Tetrachloride	8.429	117	611640	10.079	ppbv		98
35) Cyclohexane	8.507	84	295565	9.761	ppbv	#	78
37) 1,2-dichloropropane	8.818	63	349345	9.908	ppbv		92
38) Bromodichloromethane	8.931	83	611162	10.149	ppbv		99
39) Trichloroethene	8.957	130	363791	10.177	ppbv		93
40) 2,2,4-trimethylpentane	8.957	57	1501450	10.070	ppbv		96
41) 1,4-Dioxane	8.939	88	165453	9.731	ppbv		83
43) Heptane	9.095	43	591224	9.774	ppbv	#	89
44) cis-1,3-Dichloropropene	9.445	75	499233	10.077	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.438	43	767565	9.811	ppbv	#	93
46) trans-1,3-Dichloropropene	9.734	75	407815	10.149	ppbv		97
47) 1,1,2-Trichloroethane	9.853	97	329484	10.038	ppbv		94
48) Toluene	10.015	91	969208	9.990	ppbv		98

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_24.D
Acq On : 25 Mar 2025 11:48 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 08:42:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	678092	10.381	ppbv	99
50) 2-Hexanone(MBK)	10.121	43	714913	9.960	ppbv#	88
51) 1,2-Dibromoethane(EDB)	10.409	107	559306	10.045	ppbv	97
52) Tetrachloroethene	10.656	166	466301	10.077	ppbv	96
54) 1,1,1,2-Tetrachloroethane	11.023	131	439259	10.144	ppbv	98
55) Chlorobenzene	11.038	112	750565	10.108	ppbv	86
56) Ethylbenzene	11.228	91	1250729	9.856	ppbv	97
57) m,p-Xylene	11.326	91	1988529	20.665	ppbv	97
58) Bromoform	11.402	173	650367	10.500	ppbv	98
59) Styrene	11.531	104	724156	10.146	ppbv#	90
60) 1,1,2,2-Tetrachloroethane	11.591	83	766862	10.333	ppbv	96
61) o-Xylene	11.591	91	1030444	9.974	ppbv	96
64) Isopropylbenzene	11.918	105	1350497	9.958	ppbv	96
65) 4-Ethyltoluene	12.289	105	1415613	10.113	ppbv	97
66) 1,3,5-Trimethylbenzene	12.327	105	1212734	10.654	ppbv	95
67) 1,2,4-Trimethylbenzene	12.578	105	1251399	10.604	ppbv	95
68) Benzyl chloride	12.684	91	1098603	11.217	ppbv	96
69) 1,3-Dichlorobenzene	12.699	146	856972	10.723	ppbv	98
70) 1,4-Dichlorobenzene	12.737	146	761879	10.609	ppbv	99
71) sec-Butylbenzene	12.745	105	1745335	10.399	ppbv	97
72) 4-Isopropyltoluene	12.836	119	1624900	10.371	ppbv	97
73) 1,2-Dichlorobenzene	12.958	146	760960	10.537	ppbv	99
74) n-Butylbenzene	13.102	91	1451440	10.514	ppbv	96
75) 1,2,4-Trichlorobenzene	14.142	180	565371	12.141	ppbv	97
76) Naphthalene	14.241	128	1236974	12.397	ppbv#	98
77) Hexachlorobutadiene	14.492	225	567047	11.342	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.199	85	616531	9.286	ppbv	96
80] Vinyl Chloride(sim)	4.307	62	288394	9.622	ppbv	100
81] Bromomethane(sim)	4.661	94	221012	8.541	ppbv#	95
82] Trichlorofluoromethane...	5.393	101	710232	9.509	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	409383	9.407	ppbv	95
84] 1,1,1-Trichloroethane(...	8.049	97	608464	9.526	ppbv#	96
85] Benzene(sim)	8.334	78	746755	7.799	ppbv#	92
86] Carbon Tetrachloride(sim)	8.423	117	624824	9.625	ppbv	99
87] 1,1-Dichloroethene(sim)	5.848	61	455045	9.163	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	542137	9.541	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	430184	9.429	ppbv	89
90] 1,1-Dichloroethane(sim)	6.694	63	535883	9.490	ppbv	97
91] Cis-1,2-Dichloroethene...	7.227	61	403860	9.272	ppbv	91
92] Chloroform(sim)	7.416	83	574296	8.963	ppbv	96
94] 1,2-dichloropropane(sim)	8.812	63	372598	9.470	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	611162	9.706	ppbv	99
96] Trichloroethene(sim)	8.960	130	370344	9.668	ppbv	96
97] 1,4-Dioxane(sim)	8.939	88	165453	9.615	ppbv	83
98] cis-1,3-Dichloropropen...	9.441	75	526906	9.871	ppbv	97
99] 1,1,2-Trichloroethane(...	9.853	97	329484	9.510	ppbv	94
100] Dibromochloromethane(sim)	10.271	129	667349	10.074	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.409	107	559306	9.827	ppbv	97
102] Tetrachloroethene(sim)	10.659	166	457074	9.410	ppbv	95
104] Bromoform(sim)	11.405	173	620725	10.081	ppbv	99
105] m,p-Xylene(sim)	11.326	91	1992334	18.863	ppbv	96
106] 1,1,2,2-Tetrachloroeth...	11.587	83	792036	9.465	ppbv	100
107] Benzyl chloride(sim)	12.684	91	1098603	12.210	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.702	146	864469	9.972	ppbv	100
109] 1,4-Dichlorobenzene(sim)	12.737	146	761879	10.048	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_24.D
Acq On : 25 Mar 2025 11:48 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 08:42:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

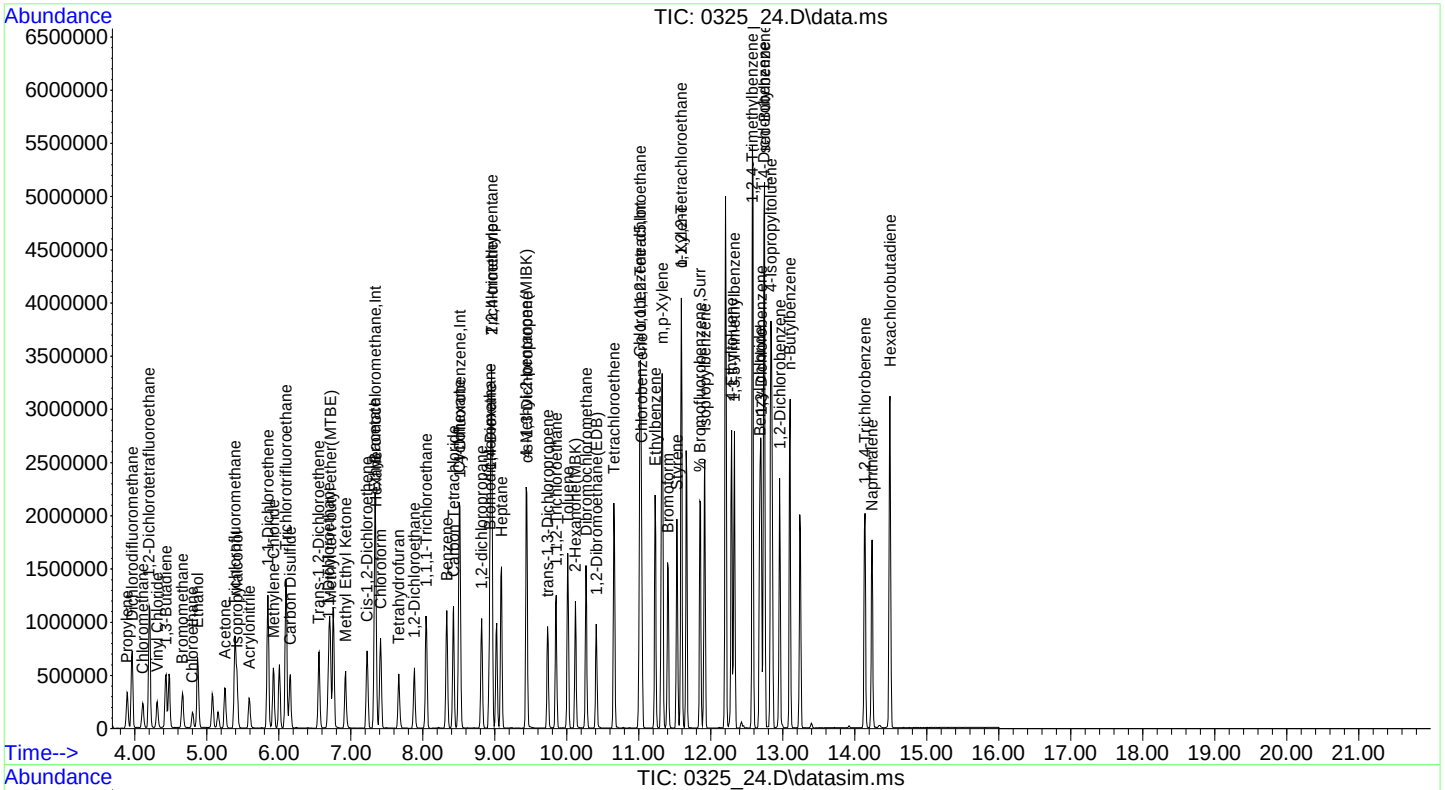
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	1328635	9.494	ppbv	97
111] 4-Isopropyltoluene(sim)	12.836	119	1624900	9.242	ppbv	97
112] 1,2-Dichlorobenzene(sim)	12.961	146	814769	9.956	ppbv	99
113] n-Butylbenzene(sim)	13.102	91	1451424	9.958	ppbv	96

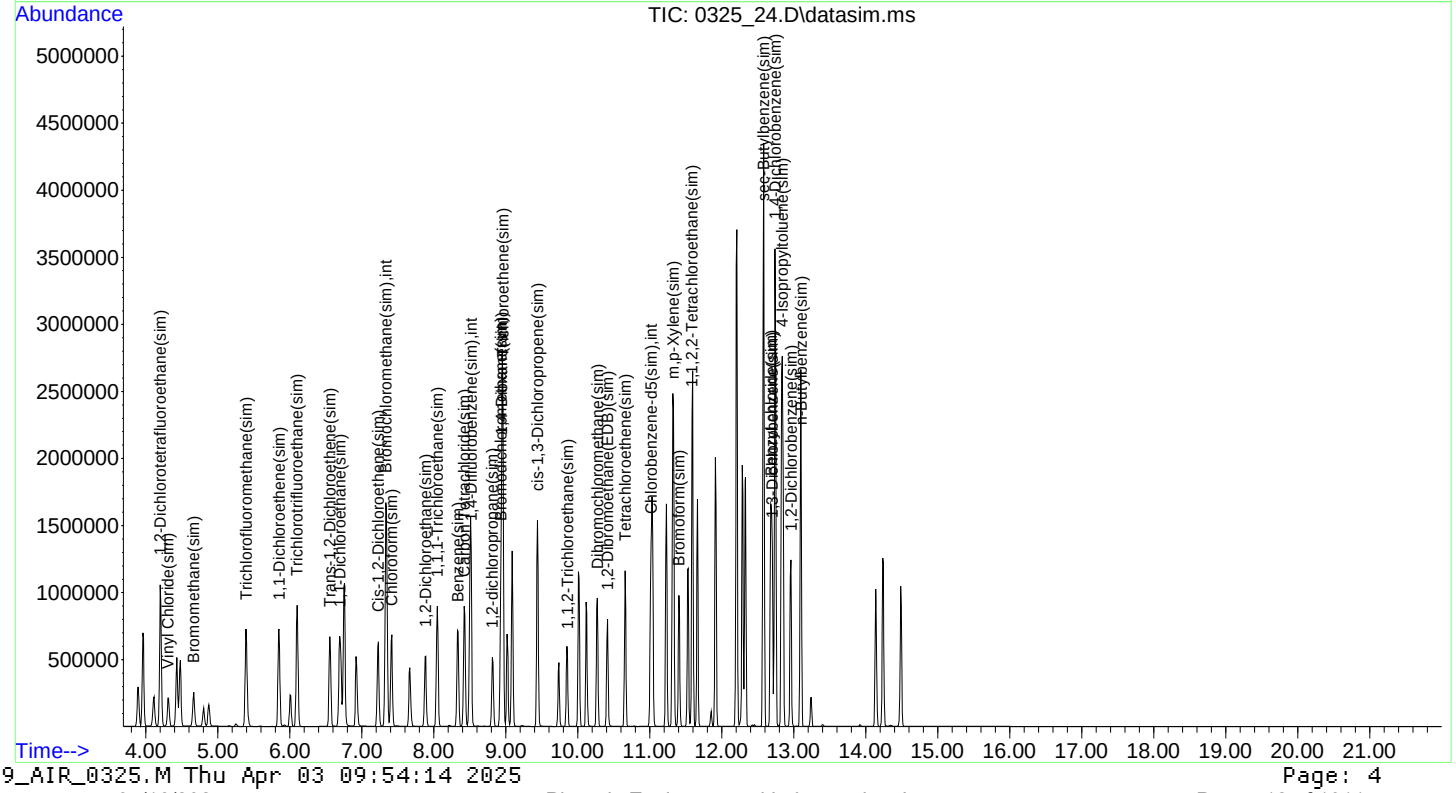
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_24.D
Acq On : 25 Mar 2025 11:48 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 08:42:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM39_0325

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		9.425	94	70	130
Dichlorodifluoromethane	10		10.35	104	70	130
Chloromethane	10		10.17	102	70	130
1,2-Dichlorotetrafluoroethane	10		10.21	102	70	130
Vinyl Chloride	10		10.25	103	70	130
1,3-Butadiene	10		10.15	102	70	130
Bromomethane	10		9.798	98	70	130
Chloroethane	10		9.885	99	70	130
Ethanol	10		5.942	59 *	70	130
Acetone	10		9.455	95	70	130
Trichlorofluoromethane	10		10.25	103	70	130
Isopropylalcohol	10		9.810	98	70	130
Acrylonitrile	10		9.953	100	70	130
1,1-Dichloroethene	10		10.19	102	70	130
Methylene Chloride	10		9.271	93	70	130
Carbon Disulfide	10		10.16	102	70	130
Trichlorotrifluoroethane	10		10.38	104	70	130
Trans-1,2-Dichloroethene	10		10.05	101	70	130
1,1-Dichloroethane	10		10.31	103	70	130
Methyl tert-butyl ether(MTBE)	10		10.16	102	70	130
Methyl Ethyl Ketone	10		10.38	104	70	130
Cis-1,2-Dichloroethene	10		10.16	102	70	130
Hexane	10		10.02	100	70	130
Chloroform	10		10.18	102	70	130
Ethyl acetate	10		12.60	126	70	130
Tetrahydrofuran	10		10.06	101	70	130
1,2-Dichloroethane	10		10.36	104	70	130
1,1,1-Trichloroethane	10		10.25	103	70	130
Benzene	10		9.922	99	70	130
Carbon Tetrachloride	10		10.33	103	70	130
Cyclohexane	10		9.846	98	70	130
1,2-dichloropropane	10		10.06	101	70	130
Bromodichloromethane	10		10.18	102	70	130
Trichloroethene	10		10.54	105	70	130
2,2,4-trimethylpentane	10		9.974	100	70	130
1,4-Dioxane	10		9.810	98	70	130
Heptane	10		10.03	100	70	130
cis-1,3-Dichloropropene	10		10.11	101	70	130
4-Methyl-2-pentanone(MIBK)	10		9.921	99	70	130
trans-1,3-Dichloropropene	10		10.01	100	70	130
1,1,2-Trichloroethane	10		10.20	102	70	130
Toluene	10		10.17	102	70	130
Dibromochloromethane	10		10.11	101	70	130
2-Hexanone(MBK)	10		10.03	100	70	130

FORM III AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No: SAS No: SDG No GCS91392

ICV - Client Id: ICV_CHEM39_0325

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.19	102	70	130
Tetrachloroethene	10		10.21	102	70	130
1,1,1,2-Tetrachloroethane	10		9.810	98	70	130
Chlorobenzene	10		10.23	102	70	130
Ethylbenzene	10		10.05	101	70	130
m,p-Xylene	20		20.83	104	70	130
Bromoform	10		9.438	94	70	130
Styrene	10		10.17	102	70	130
1,1,2,2-Tetrachloroethane	10		10.21	102	70	130
o-Xylene	10		10.06	101	70	130
Isopropylbenzene	10		9.689	97	70	130
4-Ethyltoluene	10		9.937	99	70	130
1,3,5-Trimethylbenzene	10		10.44	104	70	130
1,2,4-Trimethylbenzene	10		10.31	103	70	130
Benzyl chloride	10		10.09	101	70	130
1,3-Dichlorobenzene	10		9.604	96	70	130
1,4-Dichlorobenzene	10		10.74	107	70	130
sec-Butylbenzene	10		9.633	96	70	130
4-Isopropyltoluene	10		9.425	94	70	130
1,2-Dichlorobenzene	10		9.837	98	70	130
n-Butylbenzene	10		9.173	92	70	130
1,2,4-Trichlorobenzene	10		8.397	84	70	130
Naphthalene	10		8.777	88	70	130
Hexachlorobutadiene	10		8.090	81	70	130

FORM III AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_25.D
Acq On : 26 Mar 2025 12:27 am
Operator :
Client ID : ICV_CHEM39_0325
Lab ID : 10 ppbv LCs
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 26 08:42:18 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	242476	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	904195	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	492829	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	241847	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	904000	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	492759	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	631824	9.914	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.10%				
Target Compounds							Qvalue
2) Propylene	3.891	41	210633	9.425	ppbv		99
3) Dichlorodifluoromethane	3.956	85	670198	10.348	ppbv		98
4) Chloromethane	4.110	50	279073	10.170	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.199	85	630952	10.206	ppbv		96
6) Vinyl Chloride	4.304	62	279144	10.246	ppbv		100
7) 1,3-Butadiene	4.426	54	234523	10.151	ppbv		97
8) Bromomethane	4.661	94	222179	9.798	ppbv#		95
9) Chloroethane	4.799	64	120488	9.885	ppbv		92
11) Ethanol	4.872	45	79512	5.942	ppbv#		94
12) Acetone	5.249	43	463977	9.454	ppbv		96
13) Trichlorofluoromethane	5.391	101	697743	10.249	ppbv		99
14) Isopropylalcohol	5.415	45	523143	9.810	ppbv		97
15) Acrylonitrile	5.587	53	214600	9.953	ppbv		98
16) 1,1-Dichloroethene	5.842	61	466786	10.188	ppbv		89
17) Methylene Chloride	5.919	49	352845	9.271	ppbv#		80
20) Carbon Disulfide	6.152	76	689317	10.155	ppbv		100
21) Trichlorotrifluoroethane	6.098	101	544084	10.382	ppbv		96
22) Trans-1,2-Dichloroethene	6.554	61	436137	10.055	ppbv		89
23) 1,1-Dichloroethane	6.691	63	517785	10.313	ppbv		99
24) Methyl tert-butyl ethe...	6.708	73	690880	10.162	ppbv#		86
25) Methyl Ethyl Ketone	6.918	43	635921	10.378	ppbv#		93
26) Cis-1,2-Dichloroethene	7.227	61	413747	10.163	ppbv		91
27) Hexane	7.340	57	470187	10.025	ppbv#		93
28) Chloroform	7.413	83	562160	10.184	ppbv		95
29) Ethyl acetate	7.332	61	133063	12.602	ppbv		98
30) Tetrahydrofuran	7.665	42	315712	10.058	ppbv#		83
31) 1,2-Dichloroethane	7.883	62	419929	10.364	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	585897	10.249	ppbv		96
33) Benzene	8.334	78	767835	9.922	ppbv#		92
34) Carbon Tetrachloride	8.420	117	621998	10.334	ppbv		99
35) Cyclohexane	8.507	84	295704	9.846	ppbv#		77
37) 1,2-dichloropropane	8.818	63	355381	10.064	ppbv		93
38) Bromodichloromethane	8.931	83	614010	10.181	ppbv		99
39) Trichloroethene	8.957	130	377192	10.537	ppbv		91
40) 2,2,4-trimethylpentane	8.957	57	1489257	9.974	ppbv		96
41) 1,4-Dioxane	8.931	88	167041	9.810	ppbv		82
43) Heptane	9.086	43	607841	10.034	ppbv#		90
44) cis-1,3-Dichloropropene	9.445	75	501628	10.111	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.438	43	777347	9.921	ppbv#		92
46) trans-1,3-Dichloropropene	9.734	75	402616	10.005	ppbv		97
47) 1,1,2-Trichloroethane	9.846	97	335443	10.205	ppbv		94
48) Toluene	10.015	91	988081	10.169	ppbv		99

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_25.D
Acq On : 26 Mar 2025 12:27 am
Operator :
Client ID : ICV_CHEM39_0325
Lab ID : 10 ppbv LCs
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 26 08:42:18 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	661061	10.106	ppbv	99
50) 2-Hexanone(MBK)	10.121	43	720971	10.030	ppbv#	88
51) 1,2-Dibromoethane(EDB)	10.409	107	568066	10.187	ppbv	97
52) Tetrachloroethene	10.656	166	473172	10.210	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.023	131	425160	9.810	ppbv	98
55) Chlorobenzene	11.038	112	760324	10.231	ppbv	86
56) Ethylbenzene	11.228	91	1277035	10.054	ppbv	97
57) m,p-Xylene	11.326	91	2006286	20.831	ppbv	97
58) Bromoform	11.402	173	585067	9.438	ppbv	99
59) Styrene	11.531	104	726594	10.171	ppbv#	90
60) 1,1,2,2-Tetrachloroethane	11.592	83	758198	10.208	ppbv	95
61) o-Xylene	11.592	91	1040436	10.061	ppbv	96
64) Isopropylbenzene	11.918	105	1315073	9.689	ppbv	96
65) 4-Ethyltoluene	12.289	105	1392212	9.937	ppbv	96
66) 1,3,5-Trimethylbenzene	12.327	105	1189490	10.441	ppbv	95
67) 1,2,4-Trimethylbenzene	12.578	105	1218149	10.313	ppbv	95
68) Benzyl chloride	12.677	91	988646	10.085	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	768220	9.604	ppbv	98
70) 1,4-Dichlorobenzene	12.738	146	771804	10.738	ppbv	99
71) sec-Butylbenzene	12.745	105	1618265	9.633	ppbv	97
72) 4-Isopropyltoluene	12.836	119	1477948	9.425	ppbv	97
73) 1,2-Dichlorobenzene	12.958	146	711054	9.837	ppbv	99
74) n-Butylbenzene	13.102	91	1267335	9.173	ppbv	95
75) 1,2,4-Trichlorobenzene	14.143	180	391382	8.397	ppbv	97
76) Naphthalene	14.241	128	876564	8.777	ppbv#	98
77) Hexachlorobutadiene	14.484	225	404841	8.090	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.199	85	631013	9.525	ppbv	96
80] Vinyl Chloride(sim)	4.307	62	294551	9.849	ppbv	100
81] Bromomethane(sim)	4.661	94	222179	8.605	ppbv#	94
82] Trichlorofluoromethane...	5.387	101	726004	9.742	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	419929	9.671	ppbv	95
84] 1,1,1-Trichloroethane(...	8.049	97	620995	9.744	ppbv#	96
85] Benzene(sim)	8.334	78	767960	8.038	ppbv#	92
86] Carbon Tetrachloride(sim)	8.423	117	629867	9.724	ppbv	99
87] 1,1-Dichloroethene(sim)	5.842	61	466786	9.420	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	562530	9.922	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.554	61	436137	9.581	ppbv	89
90] 1,1-Dichloroethane(sim)	6.686	63	551776	9.793	ppbv	98
91] Cis-1,2-Dichloroethene...	7.227	61	413747	9.520	ppbv	91
92] Chloroform(sim)	7.408	83	588169	9.200	ppbv	96
94] 1,2-dichloropropane(sim)	8.813	63	377250	9.576	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	614010	9.740	ppbv	100
96] Trichloroethene(sim)	8.951	130	378561	9.870	ppbv	96
97] 1,4-Dioxane(sim)	8.931	88	167041	9.695	ppbv	82
98] cis-1,3-Dichloropropen...	9.441	75	531856	9.952	ppbv	97
99] 1,1,2-Trichloroethane(...	9.846	97	335443	9.670	ppbv	94
100] Dibromochloromethane(sim)	10.272	129	656308	9.895	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.409	107	568066	9.968	ppbv	98
102] Tetrachloroethene(sim)	10.659	166	465973	9.582	ppbv	95
104] Bromoform(sim)	11.405	173	562785	9.134	ppbv	99
105] m,p-Xylene(sim)	11.326	91	2009528	19.012	ppbv	97
106] 1,1,2,2-Tetrachloroeth...	11.587	83	789479	9.427	ppbv	100
107] Benzyl chloride(sim)	12.677	91	988646	10.980	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.702	146	829891	9.566	ppbv	100
109] 1,4-Dichlorobenzene(sim)	12.738	146	771804	10.171	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_25.D
Acq On : 26 Mar 2025 12:27 am
Operator :
Client ID : ICV_CHEM39_0325
Lab ID : 10 ppbv LCs
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 26 08:42:18 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

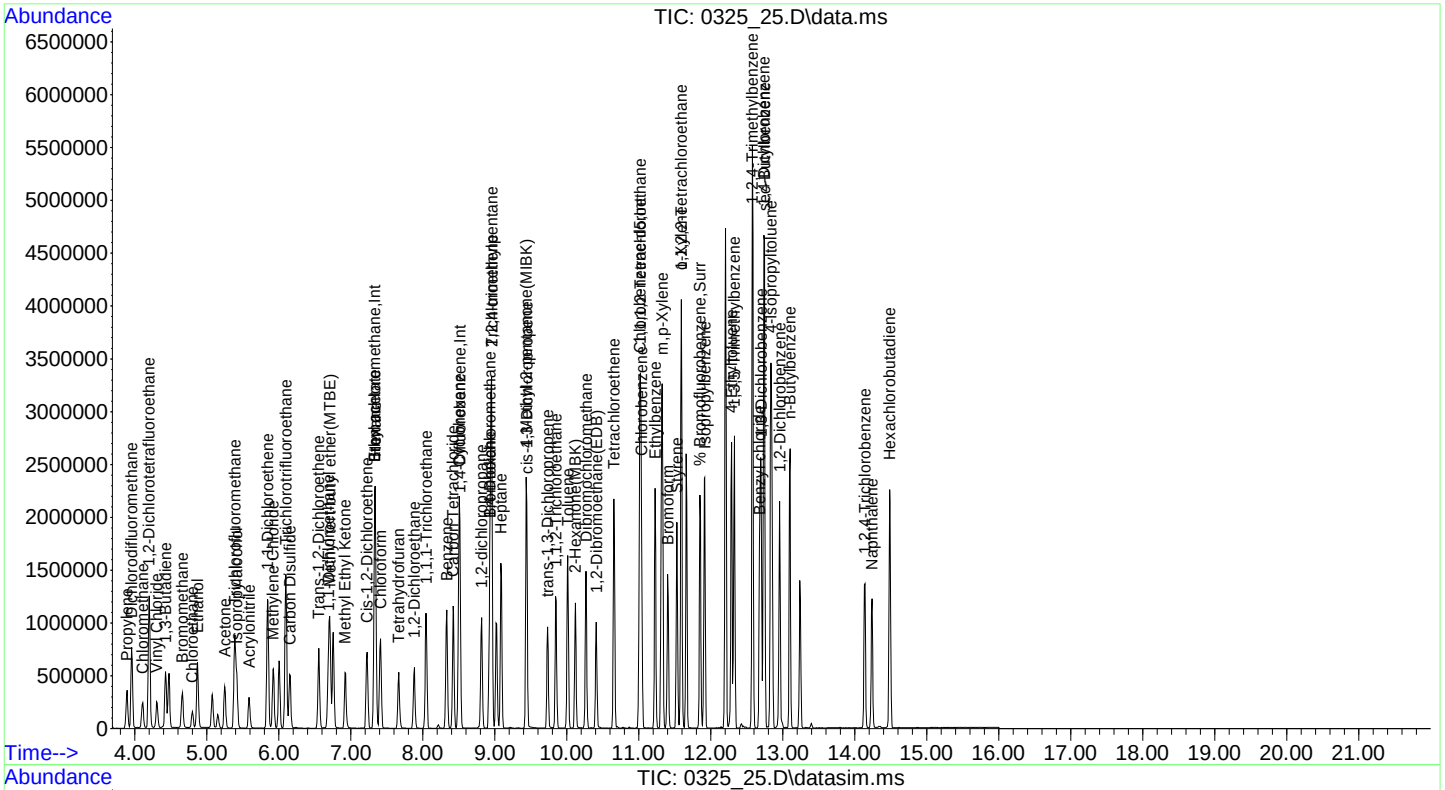
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	1299288	9.278	ppbv	97
111] 4-Isopropyltoluene(sim)	12.836	119	1477948	8.400	ppbv	97
112] 1,2-Dichlorobenzene(sim)	12.961	146	755916	9.230	ppbv	99
113] n-Butylbenzene(sim)	13.102	91	1266935	8.686	ppbv	95
114] 1,2,4-Trichlorobenzene...	14.138	180	418019	11.400	ppbv	98
116] Hexachlorobutadiene(sim)	14.487	225	407121	11.934	ppbv	99

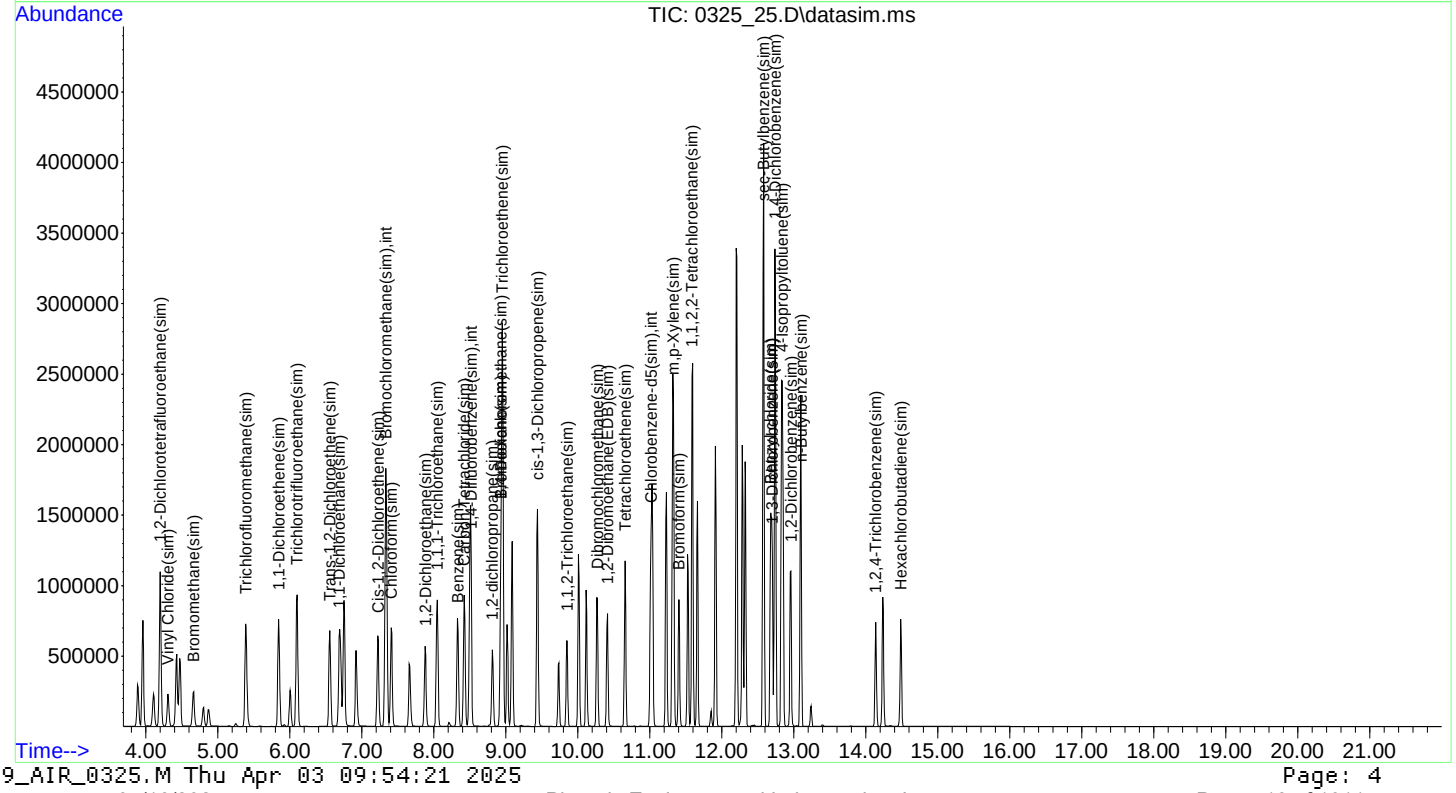
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\25\
Data File : 0325_25.D
Acq On : 26 Mar 2025 12:27 am
Operator :
Client ID : ICV_CHEM39_0325
Lab ID : 10 ppbv LCs
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 26 08:42:18 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/26/25 Time: 14:58

Lab File Id: 0326_05.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.567	0.596		-5.1	30
Dichlorodifluoromethane	3.086	3.364		-9.0	30
Chloromethane	1.673	1.718		-2.7	30
1,2-Dichlorotetrafluoroethane	6.962	6.421		7.8	30
Vinyl Chloride	2.145	2.167		-1.0	30
1,3-Butadiene	1.510	1.494		1.1	30
Bromomethane	2.746	2.487		9.4	30
Chloroethane	1.079	0.958		11.2	30
Ethanol	0.898	0.873		2.8	30
Acetone	3.985	3.655		8.3	30
Trichlorofluoromethane	8.230	6.430		21.9	30
Isopropylalcohol	4.313	4.089		5.2	30
Acrylonitrile	1.704	1.395		18.1	30
1,1-Dichloroethene	4.144	3.668		11.5	30
Methylene Chloride	2.842	2.797		1.6	30
Carbon Disulfide	7.384	6.882		6.8	30
Trichlorotrifluoroethane	6.145	5.054		17.8	30
Trans-1,2-Dichloroethene	1.138	1.274		-12.0	30
1,1-Dichloroethane	1.461	1.689		-15.6	30
Methyl tert-butyl ether(MTBE)	2.254	2.355		-4.5	30
Methyl Ethyl Ketone	1.692	1.926		-13.8	30
Cis-1,2-Dichloroethene	1.102	1.237		-12.3	30
Hexane	1.191	1.236		-3.8	30
Chloroform	1.877	2.077		-10.7	30
Ethyl acetate	0.270	0.294		-8.9	30
Tetrahydrofuran	0.826	0.883		-6.9	30
1,2-Dichloroethane	1.194	1.397		-17.0	30
1,1,1-Trichloroethane	2.028	2.082		-2.7	30
Benzene	2.516	2.739		-8.9	30
Carbon Tetrachloride	2.150	1.953		9.2	30
Cyclohexane	1.059	1.132		-6.9	30
1,2-dichloropropane	0.309	0.297		3.9	30
Bromodichloromethane	0.699	0.640		8.4	30
Trichloroethene	0.517	0.401		22.4	30
2,2,4-trimethylpentane	1.271	1.075		15.4	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/26/25 Time: 14:58

Lab File Id: 0326_05.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane q	1.000	0.99		1.0	20
Heptane	0.462	0.445		3.7	30
cis-1,3-Dichloropropene	0.509	0.451		11.4	30
4-Methyl-2-pentanone(MIBK)	0.711	0.644		9.4	30
trans-1,3-Dichloropropene	0.391	0.379		3.1	30
1,1,2-Trichloroethane	0.370	0.354		4.3	30
Toluene	1.043	0.974		6.6	30
Dibromochloromethane	0.769	0.627		18.5	30
2-Hexanone(MBK)	0.640	0.605		5.5	30
1,2-Dibromoethane(EDB)	0.629	0.582		7.5	30
Tetrachloroethene	0.623	0.453		27.3	30
1,1,1,2-Tetrachloroethane	1.044	0.915		12.4	30
Chlorobenzene	1.686	1.675		0.7	30
Ethylbenzene	2.427	2.427		0.0	30
m,p-Xylene	1.885	1.525		19.1	30
Bromoform	1.317	1.022		22.4	30
Styrene	1.420	1.337		5.8	30
1,1,2,2-Tetrachloroethane	1.687	1.570		6.9	30
o-Xylene	2.072	1.970		4.9	30
Isopropylbenzene	2.858	2.790		2.4	30
4-Ethyltoluene	2.905	2.892		0.4	30
1,3,5-Trimethylbenzene	2.346	2.223		5.2	30
1,2,4-Trimethylbenzene	2.803	2.352		16.1	30
Benzyl chloride	1.853	1.328		28.3	30
1,3-Dichlorobenzene	1.892	1.642		13.2	30
1,4-Dichlorobenzene	2.002	1.586		20.8	30
sec-Butylbenzene	4.005	3.752		6.3	30
4-Isopropyltoluene	3.690	3.302		10.5	30
1,2-Dichlorobenzene	1.760	1.542		12.4	30
n-Butylbenzene	2.991	2.925		2.2	30
1,2,4-Trichlorobenzene	1.589	0.813		48.8 #	30
Naphthalene	3.252	2.031		37.5 #	30
Hexachlorobutadiene	1.466	0.797		45.6 #	30
1,2-Dichlorotetrafluoroethane(sim)	6.725	5.632		16.3	30
Vinyl Chloride(sim)	2.238	2.097		6.3	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/26/25 Time: 14:58

Lab File Id: 0326_05.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	2.854	2.182		23.5	30
Trichlorofluoromethane(sim)	8.651	6.501		24.9	30
1,2-Dichloroethane(sim)	1.186	1.225		-3.3	30
1,1,1-Trichloroethane(sim)	2.082	2.132		-2.4	30
Benzene(sim)	2.520	2.403		4.6	30
Carbon Tetrachloride(sim)	2.015	1.995		1.0	30
1,1-Dichloroethene(sim)	3.820	3.217		15.8	30
Trichlorotrifluoroethane(sim)	5.982	5.094		14.8	30
Trans-1,2-Dichloroethene(sim)	1.140	1.117		2.0	30
1,1-Dichloroethane(sim)	1.594	1.665		-4.5	30
Cis-1,2-Dichloroethene(sim)	1.156	1.085		6.1	30
Chloroform(sim)	1.991	2.135		-7.2	30
1,2-dichloropropane(sim)	0.350	0.348		0.6	30
Bromodichloromethane(sim)	0.616	0.640		-3.9	30
Trichloroethene(sim)	0.472	0.460		2.5	30
1,4-Dioxane(sim) q	1.000	0.93		7.0	20
cis-1,3-Dichloropropene(sim)	0.519	0.518		0.2	30
1,1,2-Trichloroethane(sim)	0.363	0.352		3.0	30
Dibromochloromethane(sim)	0.737	0.716		2.8	30
1,2-Dibromoethane(EDB)(sim)	0.614	0.580		5.5	30
Tetrachloroethene(sim)	0.630	0.573		9.0	30
Bromoform(sim)	1.517	1.208		20.4	30
m,p-Xylene(sim)	2.018	1.906		5.6	30
1,1,2,2-Tetrachloroethane(sim)	1.885	1.839		2.4	30
Benzyl chloride(sim)	1.762	1.328		24.6	30
1,3-Dichlorobenzene(sim)	2.276	2.042		10.3	30
1,4-Dichlorobenzene(sim)	2.008	1.586		21.0	30
sec-Butylbenzene(sim)	4.478	4.293		4.1	30
4-Isopropyltoluene(sim)	3.649	3.302		9.5	30
1,2-Dichlorobenzene(sim)	2.173	1.812		16.6	30
n-Butylbenzene(sim)	3.068	2.925		4.7	30
1,2,4-Trichlorobenzene(sim)	1.942	1.030		47.0 #	30
Hexachlorobutadiene(sim)	1.780	1.011		43.2 #	30
% Bromofluorobenzene	1.101	1.278		-16.1	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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	114	
2		Propylene	0.567	0.596	-5.1		
3		Dichlorodifluoromethane	3.086	3.364	-9.0		
4		Chloromethane	1.673	1.718	-2.7		
5		1,2-Dichlorotetrafluoroetha	6.962	6.421	7.8		
6		Vinyl Chloride	2.145	2.167	-1.0		
7		1,3-Butadiene	1.510	1.494	1.1		
8		Bromomethane	2.746	2.487	9.4		
9		Chloroethane	1.079	0.958	11.2		
11		Ethanol	0.898	0.873	2.8		
12		Acetone	3.985	3.655	8.3		
13		Trichlorofluoromethane	8.230	6.430	21.9		
14		Isopropylalcohol	4.313	4.089	5.2		
15		Acrylonitrile	1.704	1.395	18.1		
16		1,1-Dichloroethene	4.144	3.668	11.5		
17		Methylene Chloride	2.842	2.797	1.6		
20		Carbon Disulfide	7.384	6.882	6.8		
21		Trichlorotrifluoroethane	6.145	5.054	17.8		
22		Trans-1,2-Dichloroethene	1.138	1.274	-12.0		
23		1,1-Dichloroethane	1.461	1.689	-15.6		
24		Methyl tert-butyl ether(MTB	2.254	2.355	-4.5		
25		Methyl Ethyl Ketone	1.692	1.926	-13.8		
26		Cis-1,2-Dichloroethene	1.102	1.237	-12.3		
27		Hexane	1.191	1.236	-3.8		
28		Chloroform	1.877	2.077	-10.7		
29		Ethyl acetate	0.270	0.294	-8.9		
30		Tetrahydrofuran	0.826	0.883	-6.9		
31		1,2-Dichloroethane	1.194	1.397	-17.0		
32		1,1,1-Trichloroethane	2.028	2.082	-2.7		
33		Benzene	2.516	2.739	-8.9		
34		Carbon Tetrachloride	2.150	1.953	9.2		
35		Cyclohexane	1.059	1.132	-6.9		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	118	
37		1,2-dichloropropane	0.309	0.297	3.9		
38		Bromodichloromethane	0.699	0.640	8.4		
39		Trichloroethene	0.517	0.401	22.4		
40		2,2,4-trimethylpentane	1.271	1.075	15.4		
41	qf	1,4-Dioxane	1.000	0.989	1.1		
43		Heptane	0.462	0.445	3.7		
44		cis-1,3-Dichloropropene	0.509	0.451	11.4		
45		4-Methyl-2-pentanone(MIBK)	0.711	0.644	9.4		
46		trans-1,3-Dichloropropene	0.391	0.379	3.1		
47		1,1,2-Trichloroethane	0.370	0.354	4.3		
48		Toluene	1.043	0.974	6.6		
49		Dibromochloromethane	0.769	0.627	18.5		
50		2-Hexanone(MBK)	0.640	0.605	5.5		
51		1,2-Dibromoethane(EDB)	0.629	0.582	7.5		
52		Tetrachloroethene	0.623	0.453	27.3		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	123	

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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	1.044	0.915	12.4		
55		Chlorobenzene	1.686	1.675	0.7		
56		Ethylbenzene	2.427	2.427	0.0		
57		m,p-Xylene	1.885	1.525	19.1		
58		Bromoform	1.317	1.022	22.4		
59		Styrene	1.420	1.337	5.8		
60		1,1,2,2-Tetrachloroethane	1.687	1.570	6.9		
61		o-Xylene	2.072	1.970	4.9		
62	Surr	% Bromofluorobenzene	1.101	1.278	-16.1		
64		Isopropylbenzene	2.858	2.790	2.4		
65		4-Ethyltoluene	2.905	2.892	0.4		
66		1,3,5-Trimethylbenzene	2.346	2.223	5.2		
67		1,2,4-Trimethylbenzene	2.803	2.352	16.1		
68		Benzyl chloride	1.853	1.328	28.3		
69		1,3-Dichlorobenzene	1.892	1.642	13.2		
70		1,4-Dichlorobenzene	2.002	1.586	20.8		
71		sec-Butylbenzene	4.005	3.752	6.3		
72		4-Isopropyltoluene	3.690	3.302	10.5		
73		1,2-Dichlorobenzene	1.760	1.542	12.4		
74		n-Butylbenzene	2.991	2.925	2.2		
75		1,2,4-Trichlorobenzene	1.589	0.813	48.8#		
76		Naphthalene	3.252	2.031	37.5#		
77		Hexachlorobutadiene	1.466	0.797	45.6#		
78	int	Bromochloromethane(sim)	1.000	1.000	0.0	117	
79		1,2-Dichlorotetrafluoroetha	6.725	5.632	16.3		
80		Vinyl Chloride(sim)	2.238	2.097	6.3		
81		Bromomethane(sim)	2.854	2.182	23.5		
82		Trichlorofluoromethane(sim)	8.651	6.501	24.9		
83		1,2-Dichloroethane(sim)	1.186	1.225	-3.3		
84		1,1,1-Trichloroethane(sim)	2.082	2.132	-2.4		
85		Benzene(sim)	2.520	2.403	4.6		
86		Carbon Tetrachloride(sim)	2.015	1.995	1.0		
87		1,1-Dichloroethene(sim)	3.820	3.217	15.8		
88		Trichlorotrifluoroethane(si	5.982	5.094	14.8		
89		Trans-1,2-Dichloroethene(si	1.140	1.117	2.0		
90		1,1-Dichloroethane(sim)	1.594	1.665	-4.5		
91		Cis-1,2-Dichloroethene(sim)	1.156	1.085	6.1		
92		Chloroform(sim)	1.991	2.135	-7.2		
93	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	118	
94		1,2-dichloropropane(sim)	0.350	0.348	0.6		
95		Bromodichloromethane(sim)	0.616	0.640	-3.9		
96		Trichloroethene(sim)	0.472	0.460	2.5		
97	qf	1,4-Dioxane(sim)	1.000	0.927	7.3		
98		cis-1,3-Dichloropropene(sim	0.519	0.518	0.2		
99		1,1,2-Trichloroethane(sim)	0.363	0.352	3.0		
100		Dibromochloromethane(sim)	0.737	0.716	2.8		
101		1,2-Dibromoethane(EDB)(sim)	0.614	0.580	5.5		
102		Tetrachloroethene(sim)	0.630	0.573	9.0		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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%	
103 int	Chlorobenzene-d5(sim)	1.000	1.000	0.0		123
104	Bromoform(sim)	1.517	1.208	20.4		
105	m,p-Xylene(sim)	2.018	1.906	5.6		
106	1,1,2,2-Tetrachloroethane(s	1.885	1.839	2.4		
107	Benzyl chloride(sim)	1.762	1.328	24.6		
108	1,3-Dichlorobenzene(sim)	2.276	2.042	10.3		
109	1,4-Dichlorobenzene(sim)	2.008	1.586	21.0		
110	sec-Butylbenzene(sim)	4.478	4.293	4.1		
111	4-Isopropyltoluene(sim)	3.649	3.302	9.5		
112	1,2-Dichlorobenzene(sim)	2.173	1.812	16.6		
113	n-Butylbenzene(sim)	3.068	2.925	4.7		
114	1,2,4-Trichlorobenzene(sim)	1.942	1.030	47.0#		
116	Hexachlorobutadiene(sim)	1.780	1.011	43.2#		

(#)=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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	179057	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	649346	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	319468	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	204152	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	649346	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	319468	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	408124	11.606	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.10%				
Target Compounds							Qvalue
2) Propylene	3.727	41	10671	1.052	ppbv		95
3) Dichlorodifluoromethane	3.792	85	60231	1.090	ppbv		98
4) Chloromethane	3.930	50	30758	1.027	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.019	85	114979	0.922	ppbv		95
6) Vinyl Chloride	4.116	62	38801	1.010	ppbv		95
7) 1,3-Butadiene	4.230	54	26758	0.989	ppbv		96
8) Bromomethane	4.449	94	44540	0.906	ppbv#		89
9) Chloroethane	4.579	64	17149	0.888	ppbv		97
11) Ethanol	4.692	45	15629	0.972	ppbv#		41
12) Acetone	5.041	43	65439	0.917	ppbv#		78
13) Trichlorofluoromethane	5.147	101	115126	0.781	ppbv		94
14) Isopropylalcohol	5.220	45	73219	0.948	ppbv#		94
15) Acrylonitrile	5.349	53	24975	0.818	ppbv#		1
16) 1,1-Dichloroethene	5.580	61	65673	0.885	ppbv#		80
17) Methylene Chloride	5.658	49	50079	0.984	ppbv#		76
20) Carbon Disulfide	5.872	76	123221	0.932	ppbv		99
21) Trichlorotrifluoroethane	5.830	101	90500	0.823	ppbv#		91
22) Trans-1,2-Dichloroethene	6.267	61	22808	1.119	ppbv#		86
23) 1,1-Dichloroethane	6.397	63	30240	1.156	ppbv		96
24) Methyl tert-butyl ethe...	6.455	73	42169	1.045	ppbv#		87
25) Methyl Ethyl Ketone	6.658	43	34487	1.138	ppbv#		93
26) Cis-1,2-Dichloroethene	6.918	61	22157	1.123	ppbv#		85
27) Hexane	7.034	57	22140	1.039	ppbv		99
28) Chloroform	7.104	83	37187	1.107	ppbv		91
29) Ethyl acetate	7.042	61	5263	1.088	ppbv#		83
30) Tetrahydrofuran	7.375	42	15814	1.069	ppbv		94
31) 1,2-Dichloroethane	7.561	62	25009	1.170	ppbv#		88
32) 1,1,1-Trichloroethane	7.716	97	37273	1.026	ppbv		96
33) Benzene	8.002	78	49048	1.089	ppbv		94
34) Carbon Tetrachloride	8.097	117	34974	0.908	ppbv		97
35) Cyclohexane	8.175	84	20265	1.068	ppbv#		87
37) 1,2-dichloropropane	8.486	63	19291	0.962	ppbv		95
38) Bromodichloromethane	8.598	83	41560	0.915	ppbv		98
39) Trichloroethene	8.616	130	26012	0.775	ppbv#		84
40) 2,2,4-trimethylpentane	8.624	57	69828	0.846	ppbv		95
41) 1,4-Dioxane	8.624	88	10718	0.989	ppbv		84
43) Heptane	8.763	43	28899	0.963	ppbv#		97
44) cis-1,3-Dichloropropene	9.107	75	29281	0.887	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.128	43	41847	0.906	ppbv		94
46) trans-1,3-Dichloropropene	9.403	75	24618	0.970	ppbv		99
47) 1,1,2-Trichloroethane	9.515	97	22975	0.957	ppbv		98
48) Toluene	9.677	91	63240	0.933	ppbv#		98

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.923	129	40686	0.815	ppbv	98
50) 2-Hexanone(MBK)	9.804	43	39290	0.945	ppbv#	44
51) 1,2-Dibromoethane(EDB)	10.064	107	37790	0.925	ppbv	95
52) Tetrachloroethene	10.311	166	29431	0.728	ppbv	99
54) 1,1,1,2-Tetrachloroethane	10.675	131	29226	0.876	ppbv#	94
55) Chlorobenzene	10.690	112	53517	0.993	ppbv	89
56) Ethylbenzene	10.887	91	77532	1.000	ppbv	85
57) m,p-Xylene	10.978	91	121810	2.023	ppbv	100
58) Bromoform	11.054	173	32644	0.776	ppbv	94
59) Styrene	11.183	104	42705	0.941	ppbv#	72
60) 1,1,2,2-Tetrachloroethane	11.243	83	50164	0.931	ppbv	97
61) o-Xylene	11.243	91	62945	0.951	ppbv#	86
64) Isopropylbenzene	11.569	105	89142	0.976	ppbv#	93
65) 4-Ethyltoluene	11.941	105	92392	0.995	ppbv	90
66) 1,3,5-Trimethylbenzene	11.979	105	71023	0.948	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.230	105	75125	0.839	ppbv	92
68) Benzyl chloride	12.328	91	42439	0.717	ppbv#	92
69) 1,3-Dichlorobenzene	12.344	146	52469	0.868	ppbv#	88
70) 1,4-Dichlorobenzene	12.389	146	50654	0.792	ppbv	100
71) sec-Butylbenzene	12.397	105	119875	0.937	ppbv#	90
72) 4-Isopropyltoluene	12.488	119	105498	0.895	ppbv	100
73) 1,2-Dichlorobenzene	12.602	146	49269	0.876	ppbv#	86
74) n-Butylbenzene	12.754	91	93437	0.978	ppbv	98
75) 1,2,4-Trichlorobenzene	13.756	180	25969	0.511	ppbv	98
76) Naphthalene	13.847	128	64891	0.625	ppbv#	95
77) Hexachlorobutadiene	14.090	225	25449	0.543	ppbv	99
79] 1,2-Dichlorotetrafluor...	4.019	85	114979	0.837	ppbv	95
80] Vinyl Chloride(sim)	4.119	62	42811	0.937	ppbv	97
81] Bromomethane(sim)	4.449	94	44540	0.764	ppbv#	90
82] Trichlorofluoromethane...	5.149	101	132726	0.752	ppbv#	98
83] 1,2-Dichloroethane(sim)	7.561	62	25009	1.033	ppbv#	13
84] 1,1,1-Trichloroethane(...	7.719	97	43523	1.024	ppbv#	95
85] Benzene(sim)	8.002	78	49048	0.953	ppbv	94
86] Carbon Tetrachloride(sim)	8.091	117	40719	0.990	ppbv	99
87] 1,1-Dichloroethene(sim)	5.580	61	65673	0.842	ppbv#	79
88] Trichlorotrifluoroetha...	5.827	101	104002	0.852	ppbv#	94
89] Trans-1,2-Dichloroethe...	6.267	61	22808	0.980	ppbv#	86
90] 1,1-Dichloroethane(sim)	6.400	63	33985	1.045	ppbv	98
91] Cis-1,2-Dichloroethene...	6.918	61	22157	0.939	ppbv#	85
92] Chloroform(sim)	7.099	83	43595	1.073	ppbv	97
94] 1,2-dichloropropane(sim)	8.480	63	22575	0.992	ppbv	90
95] Bromodichloromethane(sim)	8.598	83	41560	1.039	ppbv	97
96] Trichloroethene(sim)	8.619	130	29874	0.976	ppbv	91
97] 1,4-Dioxane(sim)	8.624	88	10718	0.927	ppbv	84
98] cis-1,3-Dichloropropen...	9.110	75	33631	0.997	ppbv	96
99] 1,1,2-Trichloroethane(...	9.515	97	22841	0.969	ppbv	98
100] Dibromochloromethane(sim)	9.926	129	46467	0.972	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.064	107	37669	0.946	ppbv	95
102] Tetrachloroethene(sim)	10.314	166	37200	0.910	ppbv	93
104] Bromoform(sim)	11.057	173	38590	0.796	ppbv	98
105] m,p-Xylene(sim)	10.978	91	121810	1.889	ppbv#	91
106] 1,1,2,2-Tetrachloroeth...	11.239	83	58753	0.976	ppbv	99
107] Benzyl chloride(sim)	12.328	91	42439	0.754	ppbv	92
108] 1,3-Dichlorobenzene(sim)	12.347	146	65248	0.897	ppbv#	92
109] 1,4-Dichlorobenzene(sim)	12.389	146	50654	0.789	ppbv	88

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

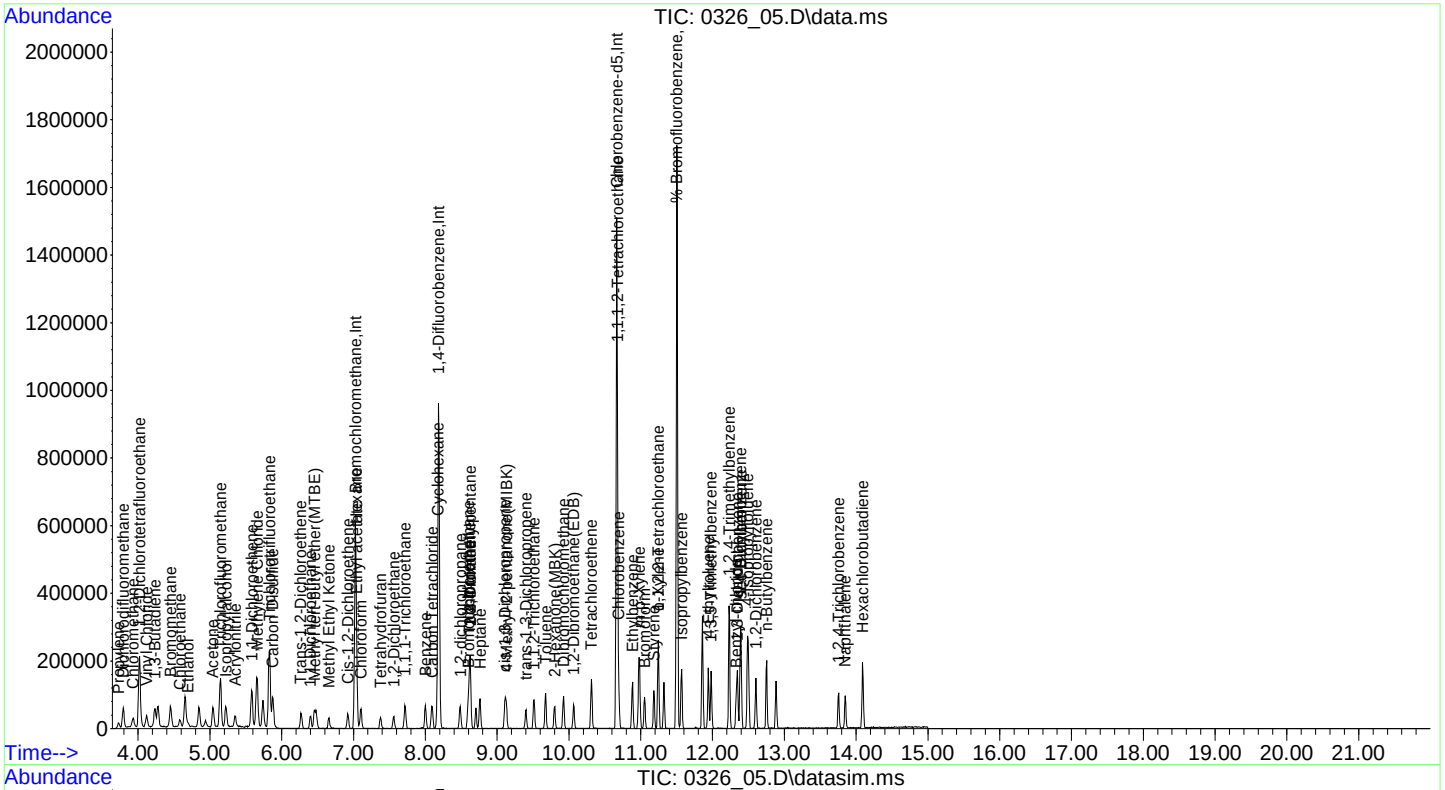
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.392	105	137163	0.959	ppbv	95
111] 4-Isopropyltoluene(sim)	12.488	119	105498	0.905	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	57897	0.834	ppbv	94
113] n-Butylbenzene(sim)	12.754	91	93437	0.953	ppbv	98
114] 1,2,4-Trichlorobenzene...	13.752	180	32916	0.531	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	32310	0.568	ppbv	98

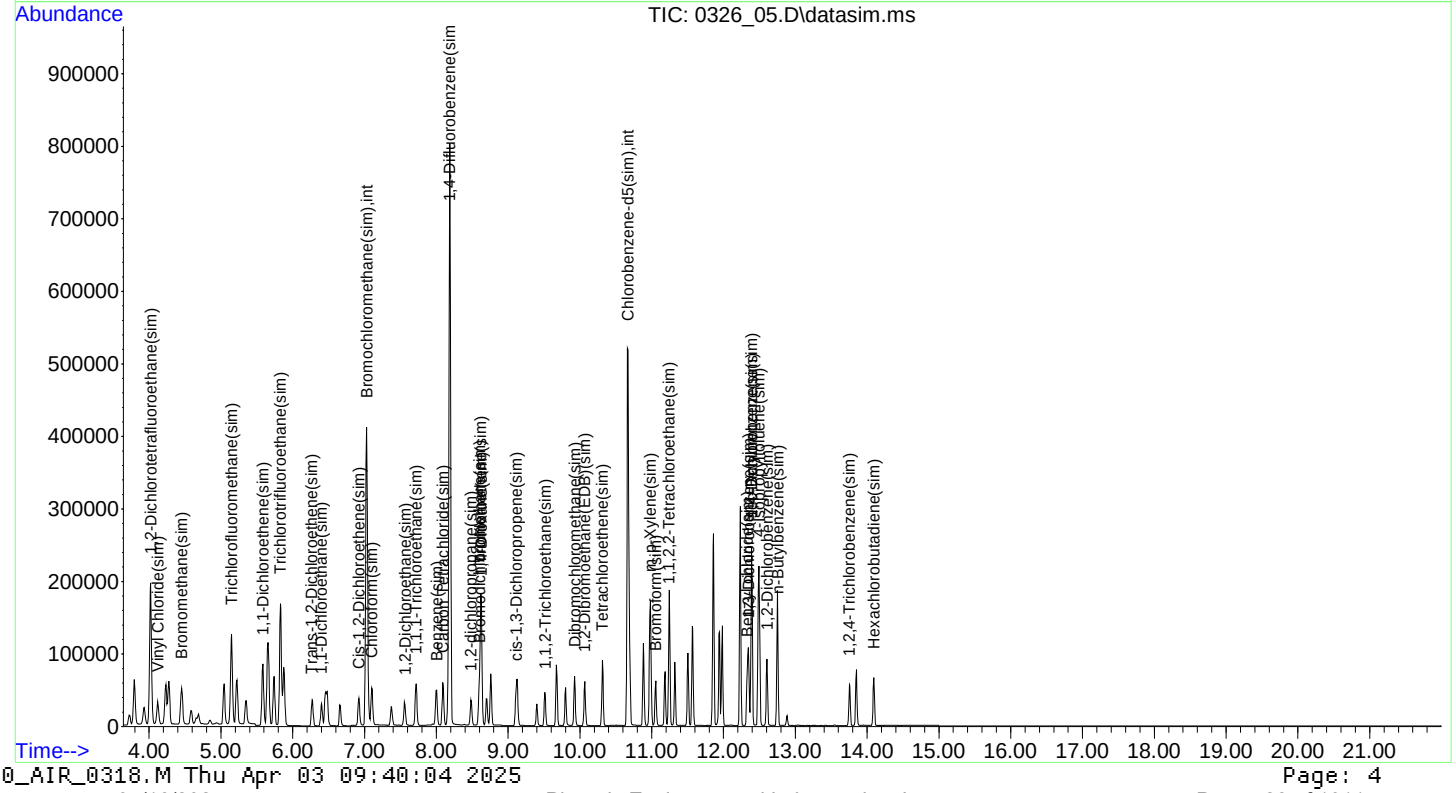
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 2:58 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 26 15:26:18 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/27/25 Time: 12:15

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.567	0.592		-4.4	30
Dichlorodifluoromethane	3.086	3.752		-21.6	30
Chloromethane	1.673	1.752		-4.7	30
1,2-Dichlorotetrafluoroethane	6.962	6.254		10.2	30
Vinyl Chloride	2.145	2.139		0.3	30
1,3-Butadiene	1.510	1.389		8.0	30
Bromomethane	2.746	2.377		13.4	30
Chloroethane	1.079	0.977		9.5	30
Ethanol	0.898	0.790		12.0	30
Acetone	3.985	3.528		11.5	30
Trichlorofluoromethane	8.230	6.191		24.8	30
Isopropylalcohol	4.313	3.690		14.4	30
Acrylonitrile	1.704	1.414		17.0	30
1,1-Dichloroethene	4.144	3.409		17.7	30
Methylene Chloride	2.842	2.602		8.4	30
Carbon Disulfide	7.384	6.459		12.5	30
Trichlorotrifluoroethane	6.145	4.932		19.7	30
Trans-1,2-Dichloroethene	1.138	1.300		-14.2	30
1,1-Dichloroethane	1.461	1.715		-17.4	30
Methyl tert-butyl ether(MTBE)	2.254	2.446		-8.5	30
Methyl Ethyl Ketone	1.692	1.988		-17.5	30
Cis-1,2-Dichloroethene	1.102	1.328		-20.5	30
Hexane	1.191	1.268		-6.5	30
Chloroform	1.877	2.131		-13.5	30
Ethyl acetate	0.270	0.305		-13.0	30
Tetrahydrofuran	0.826	0.926		-12.1	30
1,2-Dichloroethane	1.194	1.434		-20.1	30
1,1,1-Trichloroethane	2.028	1.958		3.5	30
Benzene	2.516	2.839		-12.8	30
Carbon Tetrachloride	2.150	1.944		9.6	30
Cyclohexane	1.059	1.220		-15.2	30
1,2-dichloropropane	0.309	0.323		-4.5	30
Bromodichloromethane	0.699	0.603		13.7	30
Trichloroethene	0.517	0.403		22.1	30
2,2,4-trimethylpentane	1.271	1.140		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.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/27/25 Time: 12:15

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane q	1.000	1.12		-12.0	20
Heptane	0.462	0.485		-5.0	30
cis-1,3-Dichloropropene	0.509	0.462		9.2	30
4-Methyl-2-pentanone(MIBK)	0.711	0.691		2.8	30
trans-1,3-Dichloropropene	0.391	0.362		7.4	30
1,1,2-Trichloroethane	0.370	0.344		7.0	30
Toluene	1.043	0.999		4.2	30
Dibromochloromethane	0.769	0.618		19.6	30
2-Hexanone(MBK)	0.640	0.633		1.1	30
1,2-Dibromoethane(EDB)	0.629	0.583		7.3	30
Tetrachloroethene	0.623	0.485		22.2	30
1,1,1,2-Tetrachloroethane	1.044	0.854		18.2	30
Chlorobenzene	1.686	1.651		2.1	30
Ethylbenzene	2.427	2.461		-1.4	30
m,p-Xylene	1.885	1.495		20.7	30
Bromoform	1.317	1.000		24.1	30
Styrene	1.420	1.329		6.4	30
1,1,2,2-Tetrachloroethane	1.687	1.600		5.2	30
o-Xylene	2.072	1.905		8.1	30
Isopropylbenzene	2.858	2.927		-2.4	30
4-Ethyltoluene	2.905	2.880		0.9	30
1,3,5-Trimethylbenzene	2.346	2.283		2.7	30
1,2,4-Trimethylbenzene	2.803	2.303		17.8	30
Benzyl chloride	1.853	1.324		28.5	30
1,3-Dichlorobenzene	1.892	1.641		13.3	30
1,4-Dichlorobenzene	2.002	1.612		19.5	30
sec-Butylbenzene	4.005	3.701		7.6	30
4-Isopropyltoluene	3.690	3.304		10.5	30
1,2-Dichlorobenzene	1.760	1.464		16.8	30
n-Butylbenzene	2.991	2.834		5.2	30
1,2,4-Trichlorobenzene	1.589	0.852		46.4 #	30
Naphthalene	3.252	1.937		40.4 #	30
Hexachlorobutadiene	1.466	0.792		46.0 #	30
1,2-Dichlorotetrafluoroethane(sim)	6.725	5.472		18.6	30
Vinyl Chloride(sim)	2.238	2.016		9.9	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM20 Calibration Date: 03/27/25 Time: 12:15

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/18/25 03/18/25

Heated Purge (Y/N): Y Init. Calib. Times: 08:56 15:44

GC Column: RTX-1 60M Method File: 20_AIR_0318.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	2.854	2.080		27.1	30
Trichlorofluoromethane(sim)	8.651	6.312		27.0	30
1,2-Dichloroethane(sim)	1.186	1.255		-5.8	30
1,1,1-Trichloroethane(sim)	2.082	2.117		-1.7	30
Benzene(sim)	2.520	2.484		1.4	30
Carbon Tetrachloride(sim)	2.015	1.963		2.6	30
1,1-Dichloroethene(sim)	3.820	2.982		21.9	30
Trichlorotrifluoroethane(sim)	5.982	4.944		17.4	30
Trans-1,2-Dichloroethene(sim)	1.140	1.137		0.3	30
1,1-Dichloroethane(sim)	1.594	1.705		-7.0	30
Cis-1,2-Dichloroethene(sim)	1.156	1.162		-0.5	30
Chloroform(sim)	1.991	2.162		-8.6	30
1,2-dichloropropane(sim)	0.350	0.356		-1.7	30
Bromodichloromethane(sim)	0.616	0.603		2.1	30
Trichloroethene(sim)	0.472	0.468		0.8	30
1,4-Dioxane(sim) q	1.000	1.05		-5.0	20
cis-1,3-Dichloropropene(sim)	0.519	0.519		0.0	30
1,1,2-Trichloroethane(sim)	0.363	0.344		5.2	30
Dibromochloromethane(sim)	0.737	0.709		3.8	30
1,2-Dibromoethane(EDB)(sim)	0.614	0.583		5.0	30
Tetrachloroethene(sim)	0.630	0.576		8.6	30
Bromoform(sim)	1.517	1.173		22.7	30
m,p-Xylene(sim)	2.018	1.869		7.4	30
1,1,2,2-Tetrachloroethane(sim)	1.885	1.831		2.9	30
Benzyl chloride(sim)	1.762	1.320		25.1	30
1,3-Dichlorobenzene(sim)	2.276	2.001		12.1	30
1,4-Dichlorobenzene(sim)	2.008	1.612		19.7	30
sec-Butylbenzene(sim)	4.478	4.279		4.4	30
4-Isopropyltoluene(sim)	3.649	3.304		9.5	30
1,2-Dichlorobenzene(sim)	2.173	1.791		17.6	30
n-Butylbenzene(sim)	3.068	2.834		7.6	30
1,2,4-Trichlorobenzene(sim)	1.942	1.007		48.1 #	30
Hexachlorobutadiene(sim)	1.780	0.992		44.3 #	30
% Bromofluorobenzene	1.101	1.269		-15.3	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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	114	
2		Propylene	0.567	0.592	-4.4		
3		Dichlorodifluoromethane	3.086	3.752	-21.6		
4		Chloromethane	1.673	1.752	-4.7		
5		1,2-Dichlorotetrafluoroetha	6.962	6.254	10.2		
6		Vinyl Chloride	2.145	2.139	0.3		
7		1,3-Butadiene	1.510	1.389	8.0		
8		Bromomethane	2.746	2.377	13.4		
9		Chloroethane	1.079	0.977	9.5		
11		Ethanol	0.898	0.790	12.0		
12		Acetone	3.985	3.528	11.5		
13		Trichlorofluoromethane	8.230	6.191	24.8		
14		Isopropylalcohol	4.313	3.690	14.4		
15		Acrylonitrile	1.704	1.414	17.0		
16		1,1-Dichloroethene	4.144	3.409	17.7		
17		Methylene Chloride	2.842	2.602	8.4		
20		Carbon Disulfide	7.384	6.459	12.5		
21		Trichlorotrifluoroethane	6.145	4.932	19.7		
22		Trans-1,2-Dichloroethene	1.138	1.300	-14.2		
23		1,1-Dichloroethane	1.461	1.715	-17.4		
24		Methyl tert-butyl ether(MTB	2.254	2.446	-8.5		
25		Methyl Ethyl Ketone	1.692	1.988	-17.5		
26		Cis-1,2-Dichloroethene	1.102	1.328	-20.5		
27		Hexane	1.191	1.268	-6.5		
28		Chloroform	1.877	2.131	-13.5		
29		Ethyl acetate	0.270	0.305	-13.0		
30		Tetrahydrofuran	0.826	0.926	-12.1		
31		1,2-Dichloroethane	1.194	1.434	-20.1		
32		1,1,1-Trichloroethane	2.028	1.958	3.5		
33		Benzene	2.516	2.839	-12.8		
34		Carbon Tetrachloride	2.150	1.944	9.6		
35		Cyclohexane	1.059	1.220	-15.2		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	116	
37		1,2-dichloropropane	0.309	0.323	-4.5		
38		Bromodichloromethane	0.699	0.603	13.7		
39		Trichloroethene	0.517	0.403	22.1		
40		2,2,4-trimethylpentane	1.271	1.140	10.3		
41	qf	1,4-Dioxane	1.000	1.118	-11.8		
43		Heptane	0.462	0.485	-5.0		
44		cis-1,3-Dichloropropene	0.509	0.462	9.2		
45		4-Methyl-2-pentanone(MIBK)	0.711	0.691	2.8		
46		trans-1,3-Dichloropropene	0.391	0.362	7.4		
47		1,1,2-Trichloroethane	0.370	0.344	7.0		
48		Toluene	1.043	0.999	4.2		
49		Dibromochloromethane	0.769	0.618	19.6		
50		2-Hexanone(MBK)	0.640	0.633	1.1		
51		1,2-Dibromoethane(EDB)	0.629	0.583	7.3		
52		Tetrachloroethene	0.623	0.485	22.2		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	124	

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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	1.044	0.854	18.2		
55		Chlorobenzene	1.686	1.651	2.1		
56		Ethylbenzene	2.427	2.461	-1.4		
57		m,p-Xylene	1.885	1.495	20.7		
58		Bromoform	1.317	1.000	24.1		
59		Styrene	1.420	1.329	6.4		
60		1,1,2,2-Tetrachloroethane	1.687	1.600	5.2		
61		o-Xylene	2.072	1.905	8.1		
62	Surr	% Bromofluorobenzene	1.101	1.269	-15.3		
64		Isopropylbenzene	2.858	2.927	-2.4		
65		4-Ethyltoluene	2.905	2.880	0.9		
66		1,3,5-Trimethylbenzene	2.346	2.283	2.7		
67		1,2,4-Trimethylbenzene	2.803	2.303	17.8		
68		Benzyl chloride	1.853	1.324	28.5		
69		1,3-Dichlorobenzene	1.892	1.641	13.3		
70		1,4-Dichlorobenzene	2.002	1.612	19.5		
71		sec-Butylbenzene	4.005	3.701	7.6		
72		4-Isopropyltoluene	3.690	3.304	10.5		
73		1,2-Dichlorobenzene	1.760	1.464	16.8		
74		n-Butylbenzene	2.991	2.834	5.2		
75		1,2,4-Trichlorobenzene	1.589	0.852	46.4#		
76		Naphthalene	3.252	1.937	40.4#		
77		Hexachlorobutadiene	1.466	0.792	46.0#		
78	int	Bromochloromethane(sim)	1.000	1.000	0.0	118	
79		1,2-Dichlorotetrafluoroetha	6.725	5.472	18.6		
80		Vinyl Chloride(sim)	2.238	2.016	9.9		
81		Bromomethane(sim)	2.854	2.080	27.1		
82		Trichlorofluoromethane(sim)	8.651	6.312	27.0		
83		1,2-Dichloroethane(sim)	1.186	1.255	-5.8		
84		1,1,1-Trichloroethane(sim)	2.082	2.117	-1.7		
85		Benzene(sim)	2.520	2.484	1.4		
86		Carbon Tetrachloride(sim)	2.015	1.963	2.6		
87		1,1-Dichloroethene(sim)	3.820	2.982	21.9		
88		Trichlorotrifluoroethane(si	5.982	4.944	17.4		
89		Trans-1,2-Dichloroethene(si	1.140	1.137	0.3		
90		1,1-Dichloroethane(sim)	1.594	1.705	-7.0		
91		Cis-1,2-Dichloroethene(sim)	1.156	1.162	-0.5		
92		Chloroform(sim)	1.991	2.162	-8.6		
93	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	116	
94		1,2-dichloropropane(sim)	0.350	0.356	-1.7		
95		Bromodichloromethane(sim)	0.616	0.603	2.1		
96		Trichloroethene(sim)	0.472	0.468	0.8		
97	qf	1,4-Dioxane(sim)	1.000	1.049	-4.9		
98		cis-1,3-Dichloropropene(sim	0.519	0.519	0.0		
99		1,1,2-Trichloroethane(sim)	0.363	0.344	5.2		
100		Dibromochloromethane(sim)	0.737	0.709	3.8		
101		1,2-Dibromoethane(EDB)(sim)	0.614	0.583	5.0		
102		Tetrachloroethene(sim)	0.630	0.576	8.6		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
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%	
103 int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	124	
104	Bromoform(sim)	1.517	1.173	22.7		
105	m,p-Xylene(sim)	2.018	1.869	7.4		
106	1,1,2,2-Tetrachloroethane(s	1.885	1.831	2.9		
107	Benzyl chloride(sim)	1.762	1.320	25.1		
108	1,3-Dichlorobenzene(sim)	2.276	2.001	12.1		
109	1,4-Dichlorobenzene(sim)	2.008	1.612	19.7		
110	sec-Butylbenzene(sim)	4.478	4.279	4.4		
111	4-Isopropyltoluene(sim)	3.649	3.304	9.5		
112	1,2-Dichlorobenzene(sim)	2.173	1.791	17.6		
113	n-Butylbenzene(sim)	3.068	2.834	7.6		
114	1,2,4-Trichlorobenzene(sim)	1.942	1.007	48.1#		
116	Hexachlorobutadiene(sim)	1.780	0.992	44.3#		

(#)=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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	178882	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	641419	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	322261	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	204460	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	641419	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	322261	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	408799	11.525	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.20%				
Target Compounds							Qvalue
2) Propylene	3.727	41	10584	1.044	ppbv		93
3) Dichlorodifluoromethane	3.792	85	67123	1.216	ppbv		100
4) Chloromethane	3.930	50	31338	1.047	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.019	85	111874	0.898	ppbv		97
6) Vinyl Chloride	4.116	62	38260	0.997	ppbv		94
7) 1,3-Butadiene	4.230	54	24854	0.920	ppbv		94
8) Bromomethane	4.449	94	42519	0.866	ppbv#		94
9) Chloroethane	4.579	64	17475	0.906	ppbv		93
11) Ethanol	4.684	45	14134	0.880	ppbv#		37
12) Acetone	5.041	43	63102	0.885	ppbv#		77
13) Trichlorofluoromethane	5.147	101	110739	0.752	ppbv		96
14) Isopropylalcohol	5.220	45	66015	0.856	ppbv#		94
15) Acrylonitrile	5.349	53	25300	0.830	ppbv#		1
16) 1,1-Dichloroethene	5.580	61	60978	0.823	ppbv#		75
17) Methylene Chloride	5.658	49	46551	0.916	ppbv#		74
20) Carbon Disulfide	5.872	76	115536	0.875	ppbv		96
21) Trichlorotrifluoroethane	5.830	101	88232	0.803	ppbv		92
22) Trans-1,2-Dichloroethene	6.272	61	23252	1.142	ppbv#		79
23) 1,1-Dichloroethane	6.397	63	30679	1.174	ppbv		97
24) Methyl tert-butyl ethe...	6.449	73	43752	1.085	ppbv#		88
25) Methyl Ethyl Ketone	6.653	43	35569	1.175	ppbv#		92
26) Cis-1,2-Dichloroethene	6.918	61	23764	1.206	ppbv#		88
27) Hexane	7.034	57	22687	1.065	ppbv		93
28) Chloroform	7.104	83	38127	1.136	ppbv		95
29) Ethyl acetate	7.050	61	5462	1.131	ppbv#		79
30) Tetrahydrofuran	7.375	42	16560	1.121	ppbv		100
31) 1,2-Dichloroethane	7.561	62	25655	1.202	ppbv#		90
32) 1,1,1-Trichloroethane	7.716	97	35020	0.965	ppbv		98
33) Benzene	8.002	78	50783	1.128	ppbv#		92
34) Carbon Tetrachloride	8.097	117	34783	0.904	ppbv		99
35) Cyclohexane	8.175	84	21831	1.152	ppbv		88
37) 1,2-dichloropropane	8.486	63	20725	1.047	ppbv		92
38) Bromodichloromethane	8.599	83	38703	0.863	ppbv		96
39) Trichloroethene	8.616	130	25832	0.779	ppbv#		85
40) 2,2,4-trimethylpentane	8.624	57	73145	0.897	ppbv		95
41) 1,4-Dioxane	8.624	88	12005	1.118	ppbv#		77
43) Heptane	8.763	43	31096	1.049	ppbv#		96
44) cis-1,3-Dichloropropene	9.107	75	29665	0.909	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.128	43	44320	0.971	ppbv#		90
46) trans-1,3-Dichloropropene	9.403	75	23190	0.925	ppbv		98
47) 1,1,2-Trichloroethane	9.515	97	22088	0.932	ppbv		95
48) Toluene	9.677	91	64074	0.957	ppbv#		98

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.924	129	39623	0.804	ppbv	96
50)	2-Hexanone(MBK)	9.797	43	40591	0.989	ppbv#	50
51)	1,2-Dibromoethane(EDB)	10.064	107	37404	0.927	ppbv	98
52)	Tetrachloroethene	10.311	166	31089	0.778	ppbv	98
54)	1,1,1,2-Tetrachloroethane	10.675	131	27522	0.818	ppbv#	87
55)	Chlorobenzene	10.690	112	53218	0.979	ppbv	91
56)	Ethylbenzene	10.887	91	79320	1.014	ppbv	83
57)	m,p-Xylene	10.978	91	120450	1.983	ppbv	100
58)	Bromoform	11.054	173	32210	0.759	ppbv	96
59)	Styrene	11.183	104	42842	0.936	ppbv#	69
60)	1,1,2,2-Tetrachloroethane	11.243	83	51562	0.948	ppbv	95
61)	o-Xylene	11.243	91	61388	0.920	ppbv#	86
64)	Isopropylbenzene	11.569	105	94330	1.024	ppbv#	94
65)	4-Ethyltoluene	11.941	105	92815	0.991	ppbv	90
66)	1,3,5-Trimethylbenzene	11.979	105	73563	0.973	ppbv#	90
67)	1,2,4-Trimethylbenzene	12.230	105	74221	0.822	ppbv	92
68)	Benzyl chloride	12.329	91	42668	0.714	ppbv#	96
69)	1,3-Dichlorobenzene	12.344	146	52876	0.867	ppbv#	91
70)	1,4-Dichlorobenzene	12.389	146	51944	0.805	ppbv	100
71)	sec-Butylbenzene	12.397	105	119278	0.924	ppbv#	89
72)	4-Isopropyltoluene	12.488	119	106488	0.896	ppbv	100
73)	1,2-Dichlorobenzene	12.602	146	47164	0.832	ppbv#	91
74)	n-Butylbenzene	12.754	91	91334	0.948	ppbv	97
75)	1,2,4-Trichlorobenzene	13.756	180	27448	0.536	ppbv	94
76)	Naphthalene	13.847	128	62420	0.596	ppbv#	95
77)	Hexachlorobutadiene	14.090	225	25539	0.541	ppbv	97
79]	1,2-Dichlorotetrafluor...	4.019	85	111874	0.814	ppbv	97
80]	Vinyl Chloride(sim)	4.119	62	41211	0.901	ppbv	98
81]	Bromomethane(sim)	4.449	94	42519	0.729	ppbv#	94
82]	Trichlorofluoromethane...	5.149	101	129061	0.730	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	25655	1.058	ppbv#	6
84]	1,1,1-Trichloroethane(...	7.719	97	43292	1.017	ppbv#	95
85]	Benzene(sim)	8.002	78	50783	0.986	ppbv#	92
86]	Carbon Tetrachloride(sim)	8.091	117	40144	0.974	ppbv	99
87]	1,1-Dichloroethene(sim)	5.580	61	60978	0.781	ppbv#	75
88]	Trichlorotrifluoroetha...	5.827	101	101086	0.826	ppbv#	94
89]	Trans-1,2-Dichloroethe...	6.272	61	23252	0.997	ppbv#	79
90]	1,1-Dichloroethane(sim)	6.400	63	34853	1.070	ppbv	97
91]	Cis-1,2-Dichloroethene...	6.918	61	23764	1.005	ppbv#	87
92]	Chloroform(sim)	7.099	83	44206	1.086	ppbv	96
94]	1,2-dichloropropane(sim)	8.480	63	22812	1.015	ppbv	90
95]	Bromodichloromethane(sim)	8.599	83	38703	0.979	ppbv	95
96]	Trichloroethene(sim)	8.619	130	29990	0.991	ppbv	90
97]	1,4-Dioxane(sim)	8.624	88	12005	1.049	ppbv#	77
98]	cis-1,3-Dichloropropen...	9.110	75	33313	1.000	ppbv	96
99]	1,1,2-Trichloroethane(...	9.515	97	22088	0.948	ppbv	95
100]	Dibromochloromethane(sim)	9.926	129	45499	0.963	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.064	107	37404	0.951	ppbv	98
102]	Tetrachloroethene(sim)	10.314	166	36964	0.915	ppbv	94
104]	Bromoform(sim)	11.057	173	37790	0.773	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	120450	1.852	ppbv#	89
106]	1,1,2,2-Tetrachloroeth...	11.246	83	59020	0.972	ppbv	99
107]	Benzyl chloride(sim)	12.329	91	42553	0.749	ppbv	96
108]	1,3-Dichlorobenzene(sim)	12.347	146	64479	0.879	ppbv	93
109]	1,4-Dichlorobenzene(sim)	12.389	146	51944	0.803	ppbv	85

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

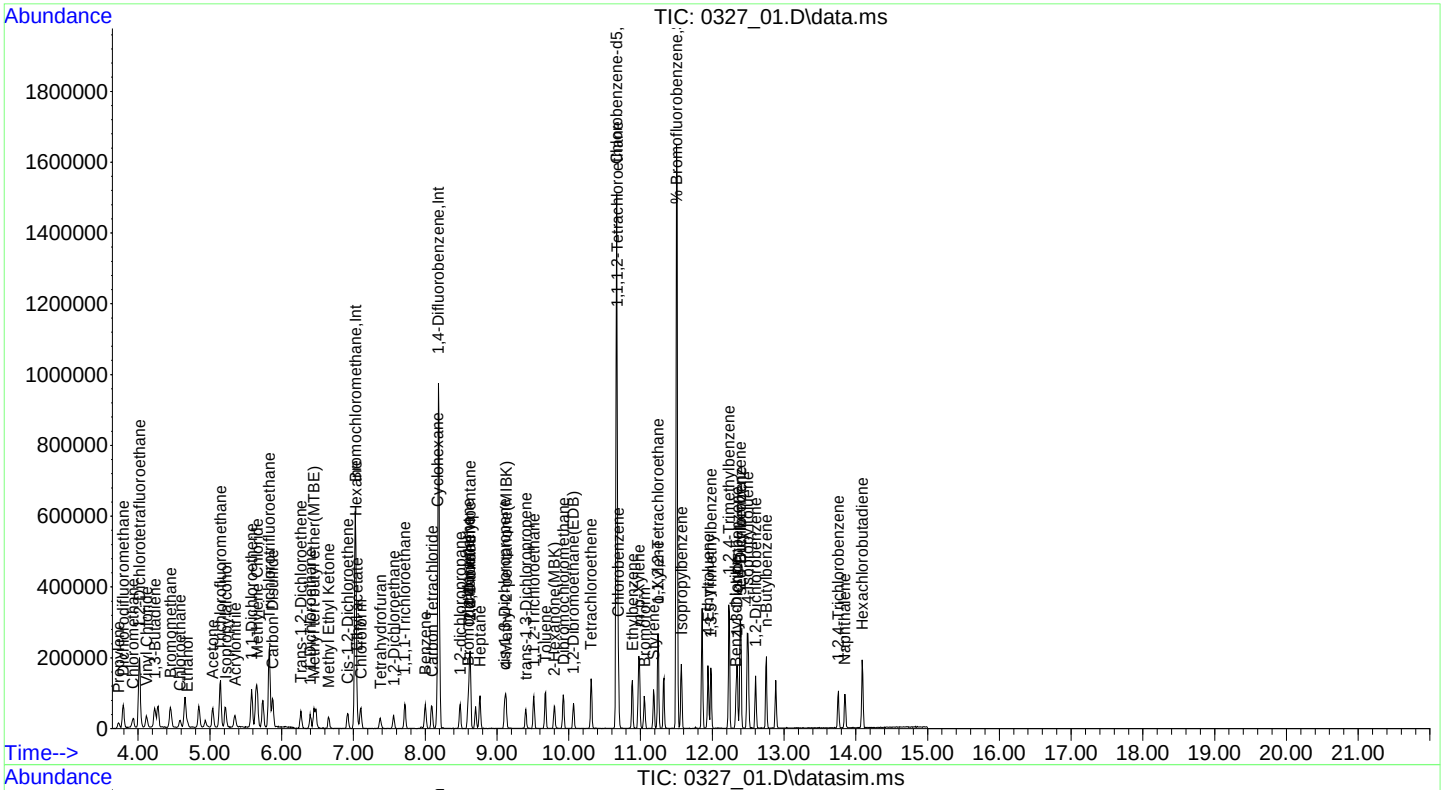
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.392	105	137911	0.956	ppbv	95
111] 4-Isopropyltoluene(sim)	12.488	119	106488	0.906	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	57705	0.824	ppbv	94
113] n-Butylbenzene(sim)	12.754	91	91334	0.924	ppbv	97
114] 1,2,4-Trichlorobenzene...	13.752	180	32442	0.518	ppbv	98
116] Hexachlorobutadiene(sim)	14.093	225	31981	0.558	ppbv	99

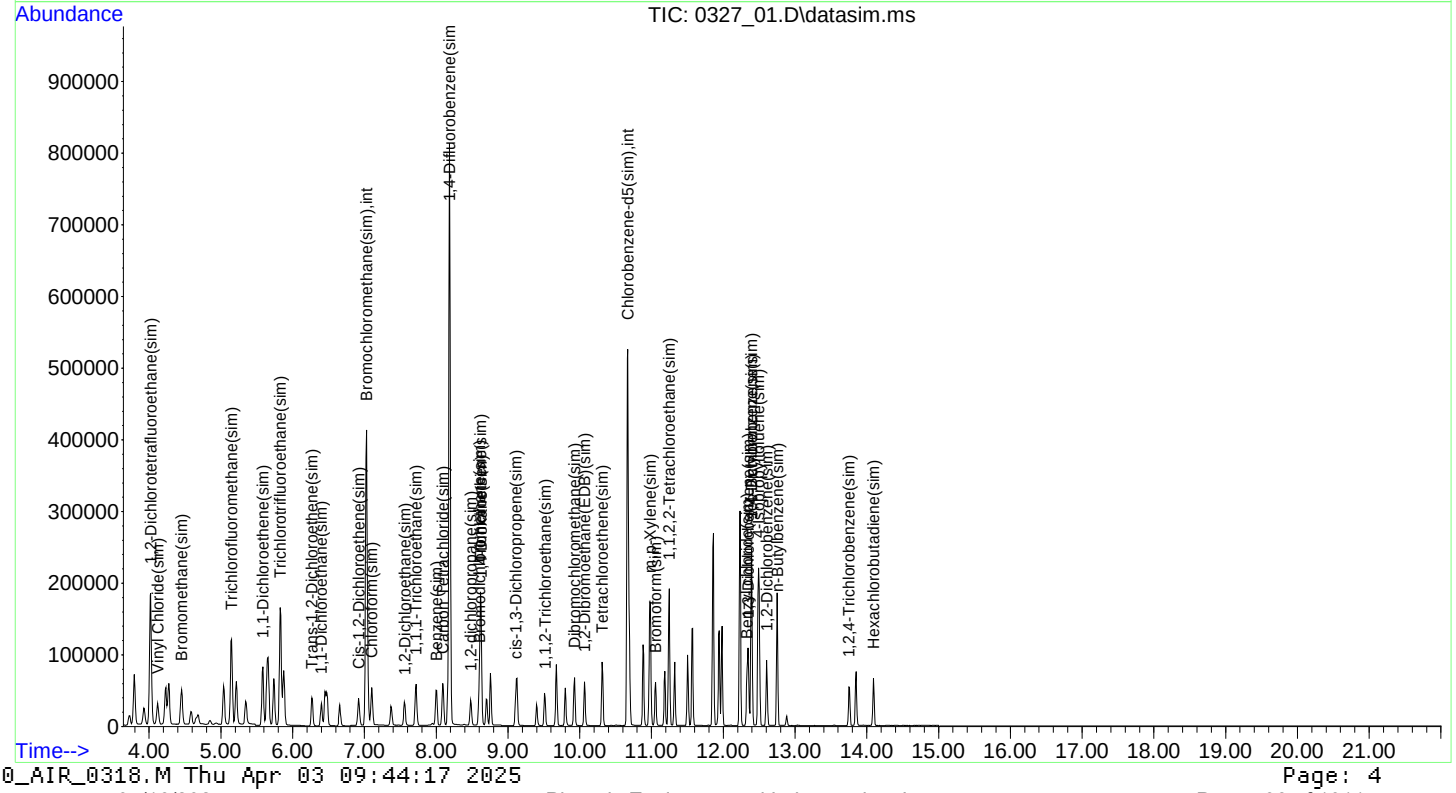
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:15 pm
Operator :
Client ID : BFB TUNE - CCCAL / CCAL 1
Lab ID : 1ppb ccal; TO1514A - 1ppb ccal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 13:00:19 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.128	1.072		5.0	30
Dichlorodifluoromethane	3.215	3.143		2.2	30
Chloromethane	1.446	1.448		-0.1	30
1,2-Dichlorotetrafluoroethane	2.919	2.929		-0.3	30
Vinyl Chloride	1.291	1.276		1.2	30
1,3-Butadiene	1.081	1.122		-3.8	30
Bromomethane	1.150	1.151		-0.1	30
Chloroethane	0.519	0.538		-3.7	30
Ethanol	0.635	0.779		-22.7	30
Acetone	2.056	2.114		-2.8	30
Trichlorofluoromethane	3.289	3.211		2.4	30
Isopropylalcohol	2.540	2.480		2.4	30
Acrylonitrile	1.027	1.014		1.3	30
1,1-Dichloroethene	2.037	2.005		1.6	30
Methylene Chloride	1.820	1.782		2.1	30
Carbon Disulfide	3.022	2.919		3.4	30
Trichlorotrifluoroethane	2.405	2.367		1.6	30
Trans-1,2-Dichloroethene	1.905	1.811		4.9	30
1,1-Dichloroethane	2.253	2.157		4.3	30
Methyl tert-butyl ether(MTBE)	2.647	2.458		7.1	30
Methyl Ethyl Ketone	2.704	2.614		3.3	30
Cis-1,2-Dichloroethene	1.788	1.626		9.1	30
Hexane	1.889	1.785		5.5	30
Chloroform	2.446	2.306		5.7	30
Ethyl acetate	0.437	0.406		7.1	30
Tetrahydrofuran	1.296	1.221		5.8	30
1,2-Dichloroethane	1.810	1.752		3.2	30
1,1,1-Trichloroethane	2.586	2.503		3.2	30
Benzene	3.254	2.979		8.5	30
Carbon Tetrachloride	2.973	2.911		2.1	30
Cyclohexane	1.259	1.147		8.9	30
1,2-dichloropropane	0.435	0.410		5.7	30
Bromodichloromethane	0.774	0.753		2.7	30
Trichloroethene	0.476	0.461		3.2	30
2,2,4-trimethylpentane	1.781	1.684		5.4	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND		RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane		0.193	0.191		1.0	30
Heptane		0.716	0.674		5.9	30
cis-1,3-Dichloropropene		0.587	0.532		9.4	30
4-Methyl-2-pentanone(MIBK)		0.918	0.872		5.0	30
trans-1,3-Dichloropropene		0.476	0.423		11.1	30
1,1,2-Trichloroethane		0.424	0.397		6.4	30
Toluene		1.124	1.009		10.2	30
Dibromochloromethane		0.928	0.894		3.7	30
2-Hexanone(MBK)		0.786	0.709		9.8	30
1,2-Dibromoethane(EDB)		0.715	0.665		7.0	30
Tetrachloroethene		0.759	0.734		3.3	30
1,1,1,2-Tetrachloroethane		1.210	1.266		-4.6	30
Chlorobenzene		1.919	1.939		-1.0	30
Ethylbenzene		2.881	2.758		4.3	30
m,p-Xylene		2.192	1.734		20.9	30
Bromoform		2.106	2.191		-4.0	30
Styrene		1.619	1.502		7.2	30
1,1,2,2-Tetrachloroethane		1.772	1.753		1.1	30
o-Xylene		2.313	2.269		1.9	30
Isopropylbenzene		3.392	3.324		2.0	30
4-Ethyltoluene		3.135	3.040		3.0	30
1,3,5-Trimethylbenzene		2.758	2.720		1.4	30
1,2,4-Trimethylbenzene		2.701	2.502		7.4	30
Benzyl chloride	q	1.000	0.58		42.0 #	20
1,3-Dichlorobenzene		1.851	1.834		0.9	30
1,4-Dichlorobenzene		1.595	1.385		13.2	30
sec-Butylbenzene		4.122	4.087		0.8	30
4-Isopropyltoluene		3.756	3.665		2.4	30
1,2-Dichlorobenzene		1.772	1.599		9.8	30
n-Butylbenzene		2.755	2.366		14.1	30
1,2,4-Trichlorobenzene	q	1.000	0.45		55.0 #	20
Naphthalene	q	1.000	0.44		56.0 #	20
Hexachlorobutadiene		1.814	1.864		-2.8	30
1,2-Dichlorotetrafluoroethane(sim)		3.119	2.905		6.9	30
Vinyl Chloride(sim)		1.386	1.339		3.4	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND		RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		1.307	1.142		12.6	30
Trichlorofluoromethane(sim)		3.479	3.297		5.2	30
1,2-Dichloroethane(sim)		1.895	1.737		8.3	30
1,1,1-Trichloroethane(sim)		2.731	2.653		2.9	30
Benzene(sim)		3.393	2.954		12.9	30
Carbon Tetrachloride(sim)		3.022	2.925		3.2	30
1,1-Dichloroethene(sim)		2.153	1.988		7.7	30
Trichlorotrifluoroethane(sim)		2.603	2.428		6.7	30
Trans-1,2-Dichloroethene(sim)		2.029	1.796		11.5	30
1,1-Dichloroethane(sim)		2.468	2.330		5.6	30
Cis-1,2-Dichloroethene(sim)		1.861	1.613		13.3	30
Chloroform(sim)		2.689	2.450		8.9	30
1,2-dichloropropane(sim)		0.478	0.438		8.4	30
Bromodichloromethane(sim)		0.823	0.753		8.5	30
Trichloroethene(sim)		0.513	0.477		7.0	30
1,4-Dioxane(sim)		0.190	0.191		-0.5	30
cis-1,3-Dichloropropene(sim)		0.613	0.579		5.5	30
1,1,2-Trichloroethane(sim)		0.441	0.397		10.0	30
Dibromochloromethane(sim)		0.922	0.895		2.9	30
1,2-Dibromoethane(EDB)(sim)		0.724	0.665		8.1	30
Tetrachloroethene(sim)		0.811	0.760		6.3	30
Bromoform(sim)		2.102	2.145		-2.0	30
m,p-Xylene(sim)		2.259	2.168		4.0	30
1,1,2,2-Tetrachloroethane(sim)		1.940	1.831		5.6	30
Benzyl chloride(sim)	q	1.000	0.97		3.0	20
1,3-Dichlorobenzene(sim)		1.691	1.875		-10.9	30
1,4-Dichlorobenzene(sim)		1.273	1.385		-8.8	30
sec-Butylbenzene(sim)		4.385	4.442		-1.3	30
4-Isopropyltoluene(sim)		3.768	3.665		2.7	30
1,2-Dichlorobenzene(sim)		1.761	1.807		-2.6	30
n-Butylbenzene(sim)	q	1.000	0.91		9.0	20
1,2,4-Trichlorobenzene(sim)	qfi	1.000	0.73		27.0 #	20
Hexachlorobutadiene(sim)		2.100	1.914		8.9	30
% Bromofluorobenzene		1.197	1.260		-5.3	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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	1.128	1.072	5.0	
3		Dichlorodifluoromethane	3.215	3.143	2.2	
4		Chloromethane	1.446	1.448	-0.1	
5		1,2-Dichlorotetrafluoroetha	2.919	2.929	-0.3	
6		Vinyl Chloride	1.291	1.276	1.2	
7		1,3-Butadiene	1.081	1.122	-3.8	
8		Bromomethane	1.150	1.151	-0.1	
9		Chloroethane	0.519	0.538	-3.7	
11		Ethanol	0.635	0.779	-22.7	
12		Acetone	2.056	2.114	-2.8	
13		Trichlorofluoromethane	3.289	3.211	2.4	
14		Isopropylalcohol	2.540	2.480	2.4	
15		Acrylonitrile	1.027	1.014	1.3	
16		1,1-Dichloroethene	2.037	2.005	1.6	
17		Methylene Chloride	1.820	1.782	2.1	
20		Carbon Disulfide	3.022	2.919	3.4	
21		Trichlorotrifluoroethane	2.405	2.367	1.6	
22		Trans-1,2-Dichloroethene	1.905	1.811	4.9	
23		1,1-Dichloroethane	2.253	2.157	4.3	
24		Methyl tert-butyl ether(MTB	2.647	2.458	7.1	
25		Methyl Ethyl Ketone	2.704	2.614	3.3	
26		Cis-1,2-Dichloroethene	1.788	1.626	9.1	
27		Hexane	1.889	1.785	5.5	
28		Chloroform	2.446	2.306	5.7	
29		Ethyl acetate	0.437	0.406	7.1	
30		Tetrahydrofuran	1.296	1.221	5.8	
31		1,2-Dichloroethane	1.810	1.752	3.2	
32		1,1,1-Trichloroethane	2.586	2.503	3.2	
33		Benzene	3.254	2.979	8.5	
34		Carbon Tetrachloride	2.973	2.911	2.1	
35		Cyclohexane	1.259	1.147	8.9	
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	87
37		1,2-dichloropropane	0.435	0.410	5.7	
38		Bromodichloromethane	0.774	0.753	2.7	
39		Trichloroethene	0.476	0.461	3.2	
40		2,2,4-trimethylpentane	1.781	1.684	5.4	
41		1,4-Dioxane	0.193	0.191	1.0	
43		Heptane	0.716	0.674	5.9	
44		cis-1,3-Dichloropropene	0.587	0.532	9.4	
45		4-Methyl-2-pentanone(MIBK)	0.918	0.872	5.0	
46		trans-1,3-Dichloropropene	0.476	0.423	11.1	
47		1,1,2-Trichloroethane	0.424	0.397	6.4	
48		Toluene	1.124	1.009	10.2	
49		Dibromochloromethane	0.928	0.894	3.7	
50		2-Hexanone(MBK)	0.786	0.709	9.8	
51		1,2-Dibromoethane(EDB)	0.715	0.665	7.0	
52		Tetrachloroethene	0.759	0.734	3.3	
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	87

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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	1.210	1.266	-4.6		
55		Chlorobenzene	1.919	1.939	-1.0		
56		Ethylbenzene	2.881	2.758	4.3		
57		m,p-Xylene	2.192	1.734	20.9		
58		Bromoform	2.106	2.191	-4.0		
59		Styrene	1.619	1.502	7.2		
60		1,1,2,2-Tetrachloroethane	1.772	1.753	1.1		
61		o-Xylene	2.313	2.269	1.9		
62	Surr	% Bromofluorobenzene	1.197	1.260	-5.3		
64		Isopropylbenzene	3.392	3.324	2.0		
65		4-Ethyltoluene	3.135	3.040	3.0		
66		1,3,5-Trimethylbenzene	2.758	2.720	1.4		
67		1,2,4-Trimethylbenzene	2.701	2.502	7.4		
68	qf	Benzyl chloride	1.000	0.581	41.9		
69		1,3-Dichlorobenzene	1.851	1.834	0.9		
70		1,4-Dichlorobenzene	1.595	1.385	13.2		
71		sec-Butylbenzene	4.122	4.087	0.8		
72		4-Isopropyltoluene	3.756	3.665	2.4		
73		1,2-Dichlorobenzene	1.772	1.599	9.8		
74		n-Butylbenzene	2.755	2.366	14.1		
75	qf	1,2,4-Trichlorobenzene	1.000	0.450	55.0#		
76	qf	Naphthalene	1.000	0.441	55.9#		
77		Hexachlorobutadiene	1.814	1.864	-2.8		
78	int	Bromochloromethane(sim)	1.000	1.000	0.0	89	
79		1,2-Dichlorotetrafluoroetha	3.119	2.905	6.9		
80		Vinyl Chloride(sim)	1.386	1.339	3.4		
81		Bromomethane(sim)	1.307	1.142	12.6		
82		Trichlorofluoromethane(sim)	3.479	3.297	5.2		
83		1,2-Dichloroethane(sim)	1.895	1.737	8.3		
84		1,1,1-Trichloroethane(sim)	2.731	2.653	2.9		
85		Benzene(sim)	3.393	2.954	12.9		
86		Carbon Tetrachloride(sim)	3.022	2.925	3.2		
87		1,1-Dichloroethene(sim)	2.153	1.988	7.7		
88		Trichlorotrifluoroethane(si	2.603	2.428	6.7		
89		Trans-1,2-Dichloroethene(si	2.029	1.796	11.5		
90		1,1-Dichloroethane(sim)	2.468	2.330	5.6		
91		Cis-1,2-Dichloroethene(sim)	1.861	1.613	13.3		
92		Chloroform(sim)	2.689	2.450	8.9		
93	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	87	
94		1,2-dichloropropane(sim)	0.478	0.438	8.4		
95		Bromodichloromethane(sim)	0.823	0.753	8.5		
96		Trichloroethene(sim)	0.513	0.477	7.0		
97		1,4-Dioxane(sim)	0.190	0.191	-0.5		
98		cis-1,3-Dichloropropene(sim	0.613	0.579	5.5		
99		1,1,2-Trichloroethane(sim)	0.441	0.397	10.0		
100		Dibromochloromethane(sim)	0.922	0.895	2.9		
101		1,2-Dibromoethane(EDB)(sim)	0.724	0.665	8.1		
102		Tetrachloroethene(sim)	0.811	0.760	6.3		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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%
103	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	87
104		Bromoform(sim)	2.102	2.145	-2.0	
105		m,p-Xylene(sim)	2.259	2.168	4.0	
106		1,1,2,2-Tetrachloroethane(s	1.940	1.831	5.6	
107	qf	Benzyl chloride(sim)	1.000	0.966	3.4	
108		1,3-Dichlorobenzene(sim)	1.691	1.875	-10.9	
109		1,4-Dichlorobenzene(sim)	1.273	1.385	-8.8	
110		sec-Butylbenzene(sim)	4.385	4.442	-1.3	
111		4-Isopropyltoluene(sim)	3.768	3.665	2.7	
112		1,2-Dichlorobenzene(sim)	1.761	1.807	-2.6	
113	qf	n-Butylbenzene(sim)	1.000	0.914	8.6	
114	qf	1,2,4-Trichlorobenzene(sim)	1.000	0.726	27.4#	
116		Hexachlorobutadiene(sim)	2.100	1.914	8.9	

(#)=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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	247248	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	847456	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	394814	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	249328	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	847456	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	394814	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	497565	10.525	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.30%				
Target Compounds							Qvalue
2) Propylene	4.078	41	26508	0.951	ppbv		96
3) Dichlorodifluoromethane	4.145	85	77709	0.978	ppbv		99
4) Chloromethane	4.294	50	35809	1.001	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	72426	1.004	ppbv		90
6) Vinyl Chloride	4.493	62	31548	0.988	ppbv		99
7) 1,3-Butadiene	4.609	54	27752	1.038	ppbv		95
8) Bromomethane	4.850	94	28461	1.001	ppbv		95
9) Chloroethane	4.991	64	13305	1.037	ppbv		93
11) Ethanol	5.065	45	19261	1.226	ppbv#		87
12) Acetone	5.443	43	52279	1.028	ppbv		99
13) Trichlorofluoromethane	5.578	101	79386	0.976	ppbv		100
14) Isopropylalcohol	5.615	45	61315	0.976	ppbv#		88
15) Acrylonitrile	5.772	53	25067	0.987	ppbv		95
16) 1,1-Dichloroethene	6.034	61	49561	0.984	ppbv		93
17) Methylene Chloride	6.106	49	44071	0.980	ppbv		97
20) Carbon Disulfide	6.344	76	72168	0.966	ppbv		99
21) Trichlorotrifluoroethane	6.284	101	58528	0.984	ppbv		98
22) Trans-1,2-Dichloroethene	6.737	61	44788	0.951	ppbv		95
23) 1,1-Dichloroethane	6.866	63	53342	0.958	ppbv		97
24) Methyl tert-butyl ethe...	6.899	73	60767	0.929	ppbv		96
25) Methyl Ethyl Ketone	7.110	43	64634	0.967	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	40211	0.909	ppbv		99
27) Hexane	7.523	57	44132	0.945	ppbv		99
28) Chloroform	7.580	83	57013	0.943	ppbv		96
29) Ethyl acetate	7.507	61	10036	0.930	ppbv#		95
30) Tetrahydrofuran	7.848	42	30181	0.942	ppbv		99
31) 1,2-Dichloroethane	8.050	62	43316	0.968	ppbv		95
32) 1,1,1-Trichloroethane	8.213	97	61890	0.968	ppbv		97
33) Benzene	8.493	78	73656	0.916	ppbv		99
34) Carbon Tetrachloride	8.588	117	71974	0.979	ppbv		99
35) Cyclohexane	8.666	84	28351	0.911	ppbv		94
37) 1,2-dichloropropane	8.969	63	34744	0.941	ppbv		97
38) Bromodichloromethane	9.082	83	63791	0.973	ppbv		98
39) Trichloroethene	9.107	130	39046	0.969	ppbv		96
40) 2,2,4-trimethylpentane	9.107	57	142730	0.946	ppbv		97
41) 1,4-Dioxane	9.099	88	16155	0.987	ppbv#		92
43) Heptane	9.246	43	57108	0.942	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	45058	0.906	ppbv		98
45) 4-Methyl-2-pentanone(M...	9.596	43	73874	0.950	ppbv		96
46) trans-1,3-Dichloropropene	9.877	75	35832	0.889	ppbv		96
47) 1,1,2-Trichloroethane	9.990	97	33613	0.936	ppbv		95
48) Toluene	10.152	91	85550	0.898	ppbv		97

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	75783	0.964	ppbv	98
50) 2-Hexanone(MBK)	10.265	43	60084	0.902	ppbv	91
51) 1,2-Dibromoethane(EDB)	10.546	107	56383	0.931	ppbv	99
52) Tetrachloroethene	10.792	166	62192	0.967	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	49972	1.046	ppbv	99
55) Chlorobenzene	11.170	112	76545	1.010	ppbv	94
56) Ethylbenzene	11.359	91	108878	0.957	ppbv	97
57) m,p-Xylene	11.450	91	171157	1.978	ppbv	99
58) Bromoform	11.534	173	86486	1.040	ppbv	99
59) Styrene	11.655	104	59290	0.927	ppbv	95
60) 1,1,2,2-Tetrachloroethane	11.716	83	69223	0.990	ppbv	94
61) o-Xylene	11.723	91	89589	0.981	ppbv	98
64) Isopropylbenzene	12.042	105	131237	0.980	ppbv	97
65) 4-Ethyltoluene	12.416	105	120042	0.970	ppbv	95
66) 1,3,5-Trimethylbenzene	12.455	105	107402	0.986	ppbv	93
67) 1,2,4-Trimethylbenzene	12.704	105	98799	0.926	ppbv	97
68) Benzyl chloride	12.805	91	43994	0.581	ppbv	98
69) 1,3-Dichlorobenzene	12.820	146	72393	0.991	ppbv	91
70) 1,4-Dichlorobenzene	12.859	146	54692	0.869	ppbv	94
71) sec-Butylbenzene	12.867	105	161341	0.991	ppbv	98
72) 4-Isopropyltoluene	12.952	119	144700	0.976	ppbv	96
73) 1,2-Dichlorobenzene	13.077	146	63121	0.902	ppbv	98
74) n-Butylbenzene	13.224	91	93399	0.859	ppbv	97
75) 1,2,4-Trichlorobenzene	14.274	180	16476	0.450	ppbv	98
76) Naphthalene	14.375	128	35782	0.441	ppbv#	97
77) Hexachlorobutadiene	14.632	225	73610	1.028	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.385	85	72426	0.931	ppbv	90
80] Vinyl Chloride(sim)	4.496	62	33397	0.966	ppbv	99
81] Bromomethane(sim)	4.850	94	28461	0.873	ppbv	95
82] Trichlorofluoromethane...	5.581	101	82204	0.948	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	43316	0.917	ppbv	95
84] 1,1,1-Trichloroethane(...	8.216	97	66152	0.972	ppbv#	99
85] Benzene(sim)	8.493	78	73656	0.871	ppbv	99
86] Carbon Tetrachloride(sim)	8.591	117	72923	0.968	ppbv	99
87] 1,1-Dichloroethene(sim)	6.034	61	49561	0.923	ppbv	93
88] Trichlorotrifluoroetha...	6.281	101	60536	0.933	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	44788	0.885	ppbv	95
90] 1,1-Dichloroethane(sim)	6.869	63	58090	0.944	ppbv	99
91] Cis-1,2-Dichloroethene...	7.402	61	40211	0.866	ppbv	99
92] Chloroform(sim)	7.583	83	61076	0.911	ppbv	100
94] 1,2-dichloropropane(sim)	8.972	63	37140	0.917	ppbv	92
95] Bromodichloromethane(sim)	9.082	83	63791	0.914	ppbv	98
96] Trichloroethene(sim)	9.110	130	40415	0.929	ppbv	96
97] 1,4-Dioxane(sim)	9.099	88	16155	1.004	ppbv#	92
98] cis-1,3-Dichloropropen...	9.585	75	49064	0.944	ppbv	98
99] 1,1,2-Trichloroethane(...	9.990	97	33613	0.899	ppbv	95
100] Dibromochloromethane(sim)	10.408	129	75826	0.971	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.546	107	56383	0.919	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	64433	0.937	ppbv	92
104] Bromoform(sim)	11.537	173	84705	1.021	ppbv	99
105] m,p-Xylene(sim)	11.450	91	171157	1.919	ppbv	99
106] 1,1,2,2-Tetrachloroeth...	11.719	83	72295	0.944	ppbv	100
107] Benzyl chloride(sim)	12.805	91	43989	0.966	ppbv	98
108] 1,3-Dichlorobenzene(sim)	12.823	146	74040	1.109	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.859	146	54692	1.088	ppbv	94

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

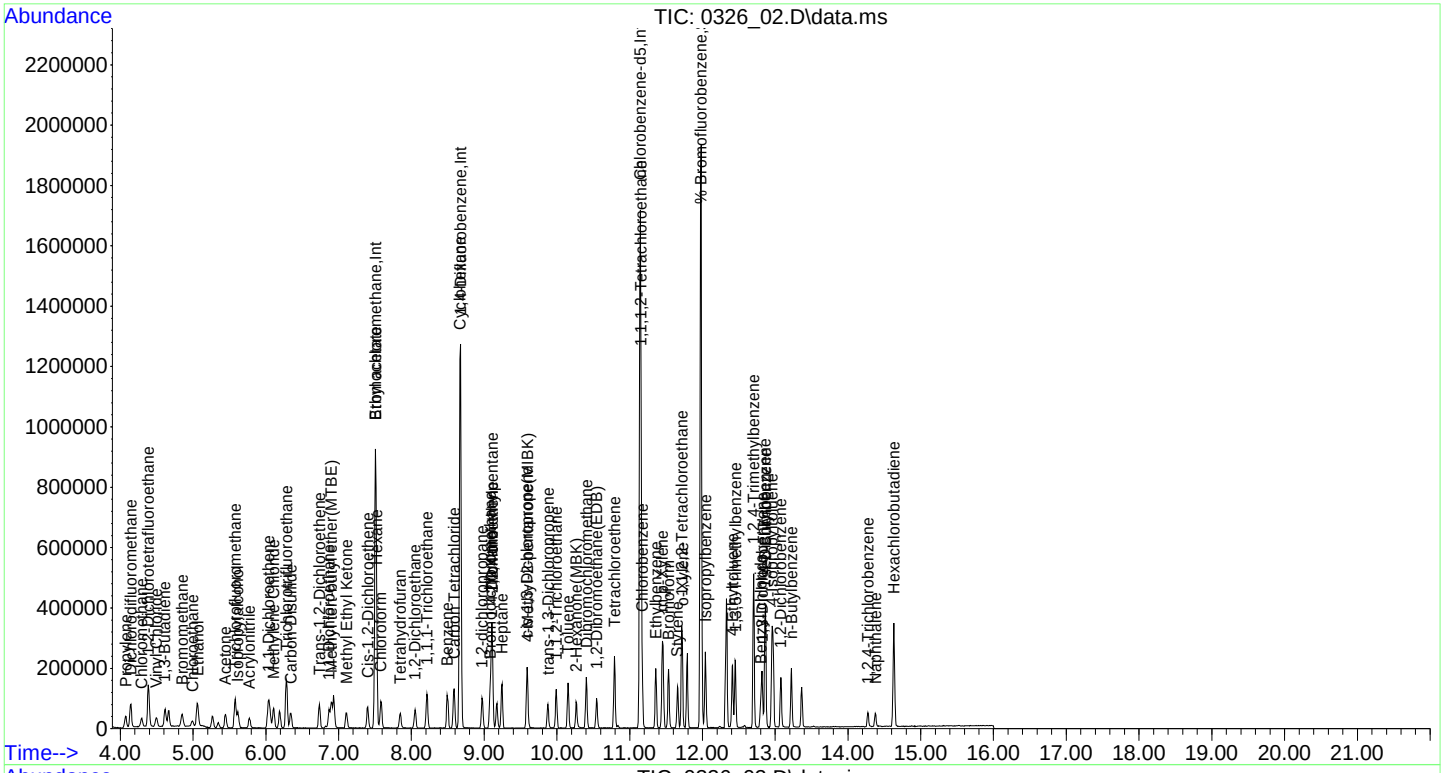
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.862	105	175368	1.013	ppbv	98
111] 4-Isopropyltoluene(sim)	12.952	119	144700	0.973	ppbv	96
112] 1,2-Dichlorobenzene(sim)	13.080	146	71353	1.026	ppbv	97
113] n-Butylbenzene(sim)	13.224	91	93399	0.914	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.277	180	18984	0.726	ppbv	98
116] Hexachlorobutadiene(sim)	14.635	225	75562	0.912	ppbv	98

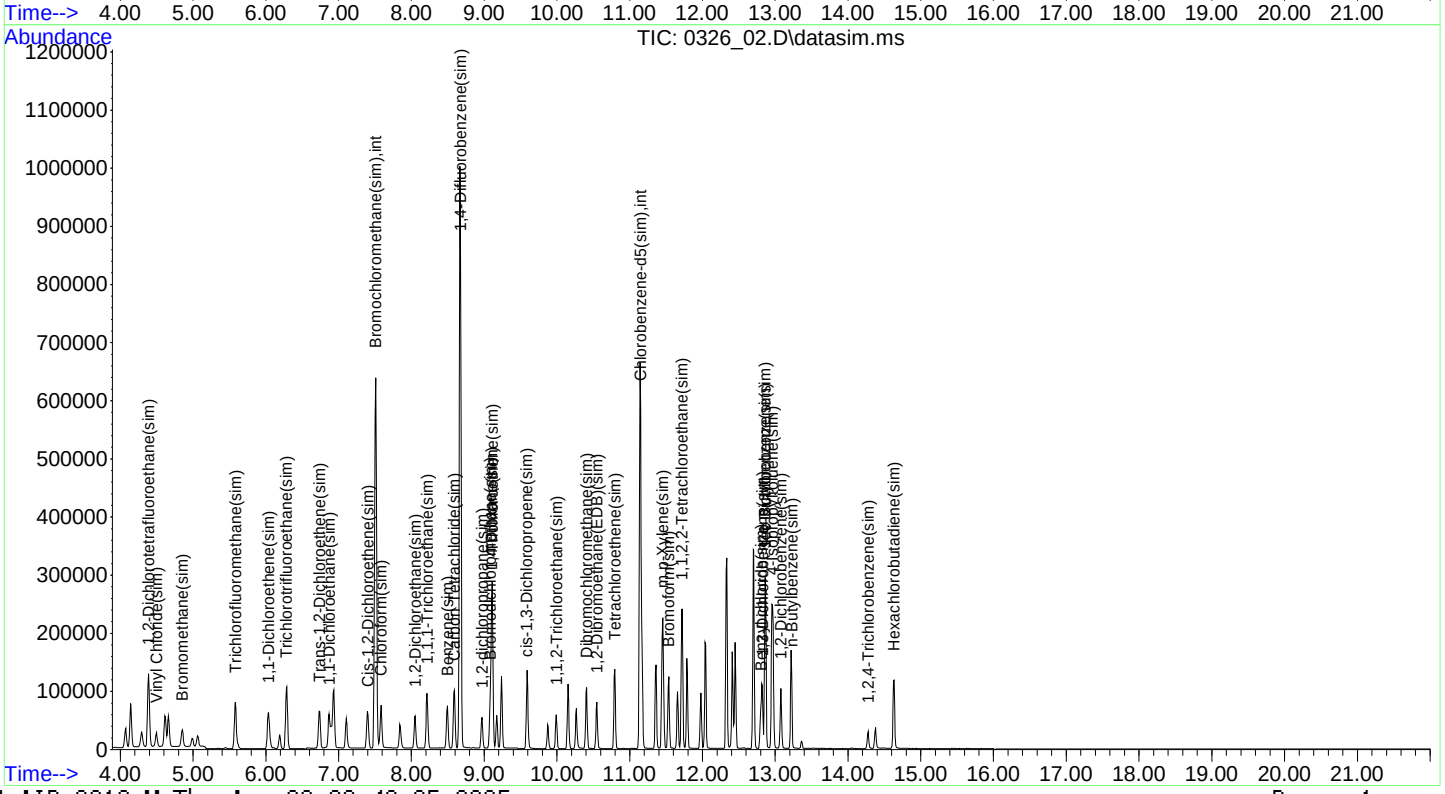
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator : Keith
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1513X - 1ppb ccal; TO1513X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 14:35:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/27/25 Time: 12:38

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	1.128	1.088		3.5	30
Dichlorodifluoromethane	3.215	3.226		-0.3	30
Chloromethane	1.446	1.485		-2.7	30
1,2-Dichlorotetrafluoroethane	2.919	2.954		-1.2	30
Vinyl Chloride	1.291	1.307		-1.2	30
1,3-Butadiene	1.081	1.135		-5.0	30
Bromomethane	1.150	1.154		-0.3	30
Chloroethane	0.519	0.541		-4.2	30
Ethanol	0.635	0.677		-6.6	30
Acetone	2.056	2.087		-1.5	30
Trichlorofluoromethane	3.289	3.294		-0.2	30
Isopropylalcohol	2.540	2.411		5.1	30
Acrylonitrile	1.027	1.001		2.5	30
1,1-Dichloroethene	2.037	1.939		4.8	30
Methylene Chloride	1.820	1.857		-2.0	30
Carbon Disulfide	3.022	2.934		2.9	30
Trichlorotrifluoroethane	2.405	2.394		0.5	30
Trans-1,2-Dichloroethene	1.905	1.804		5.3	30
1,1-Dichloroethane	2.253	2.280		-1.2	30
Methyl tert-butyl ether(MTBE)	2.647	2.394		9.6	30
Methyl Ethyl Ketone	2.704	2.612		3.4	30
Cis-1,2-Dichloroethene	1.788	1.708		4.5	30
Hexane	1.889	1.754		7.1	30
Chloroform	2.446	2.427		0.8	30
Ethyl acetate	0.437	0.385		11.9	30
Tetrahydrofuran	1.296	1.216		6.2	30
1,2-Dichloroethane	1.810	1.785		1.4	30
1,1,1-Trichloroethane	2.586	2.524		2.4	30
Benzene	3.254	2.926		10.1	30
Carbon Tetrachloride	2.973	2.971		0.1	30
Cyclohexane	1.259	1.102		12.5	30
1,2-dichloropropane	0.435	0.423		2.8	30
Bromodichloromethane	0.774	0.756		2.3	30
Trichloroethene	0.476	0.464		2.5	30
2,2,4-trimethylpentane	1.781	1.721		3.4	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/27/25 Time: 12:38

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane		0.193	0.184		4.7	30
Heptane		0.716	0.685		4.3	30
cis-1,3-Dichloropropene		0.587	0.549		6.5	30
4-Methyl-2-pentanone(MIBK)		0.918	0.874		4.8	30
trans-1,3-Dichloropropene		0.476	0.423		11.1	30
1,1,2-Trichloroethane		0.424	0.407		4.0	30
Toluene		1.124	1.024		8.9	30
Dibromochloromethane		0.928	0.920		0.9	30
2-Hexanone(MBK)		0.786	0.690		12.2	30
1,2-Dibromoethane(EDB)		0.715	0.678		5.2	30
Tetrachloroethene		0.759	0.748		1.4	30
1,1,1,2-Tetrachloroethane		1.210	1.311		-8.3	30
Chlorobenzene		1.919	2.009		-4.7	30
Ethylbenzene		2.881	2.670		7.3	30
m,p-Xylene		2.192	1.752		20.1	30
Bromoform		2.106	2.220		-5.4	30
Styrene		1.619	1.484		8.3	30
1,1,2,2-Tetrachloroethane		1.772	1.749		1.3	30
o-Xylene		2.313	2.275		1.6	30
Isopropylbenzene		3.392	3.461		-2.0	30
4-Ethyltoluene		3.135	3.052		2.6	30
1,3,5-Trimethylbenzene		2.758	2.684		2.7	30
1,2,4-Trimethylbenzene		2.701	2.533		6.2	30
Benzyl chloride	q	1.000	0.58		42.0 #	20
1,3-Dichlorobenzene		1.851	1.692		8.6	30
1,4-Dichlorobenzene		1.595	1.533		3.9	30
sec-Butylbenzene		4.122	4.098		0.6	30
4-Isopropyltoluene		3.756	3.677		2.1	30
1,2-Dichlorobenzene		1.772	1.654		6.7	30
n-Butylbenzene		2.755	2.389		13.3	30
1,2,4-Trichlorobenzene	q	1.000	0.45		55.0 #	20
Naphthalene	q	1.000	0.42		58.0 #	20
Hexachlorobutadiene		1.814	1.949		-7.4	30
1,2-Dichlorotetrafluoroethane(sim)		3.119	2.917		6.5	30
Vinyl Chloride(sim)		1.386	1.368		1.3	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM24 Calibration Date: 03/27/25 Time: 12:38

Lab File Id: 0327_01.D Init. Calib. Date(s): 03/19/25 03/19/25

Heated Purge (Y/N): Y Init. Calib. Times: 10:33 17:54

GC Column: RTX-1 Method File: 24_AIR_0319.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		1.307	1.140		12.8	30
Trichlorofluoromethane(sim)		3.479	3.361		3.4	30
1,2-Dichloroethane(sim)		1.895	1.763		7.0	30
1,1,1-Trichloroethane(sim)		2.731	2.677		2.0	30
Benzene(sim)		3.393	2.890		14.8	30
Carbon Tetrachloride(sim)		3.022	2.960		2.1	30
1,1-Dichloroethene(sim)		2.153	1.915		11.1	30
Trichlorotrifluoroethane(sim)		2.603	2.452		5.8	30
Trans-1,2-Dichloroethene(sim)		2.029	1.782		12.2	30
1,1-Dichloroethane(sim)		2.468	2.342		5.1	30
Cis-1,2-Dichloroethene(sim)		1.861	1.687		9.3	30
Chloroform(sim)		2.689	2.492		7.3	30
1,2-dichloropropane(sim)		0.478	0.445		6.9	30
Bromodichloromethane(sim)		0.823	0.756		8.1	30
Trichloroethene(sim)		0.513	0.481		6.2	30
1,4-Dioxane(sim)		0.190	0.184		3.2	30
cis-1,3-Dichloropropene(sim)		0.613	0.581		5.2	30
1,1,2-Trichloroethane(sim)		0.441	0.407		7.7	30
Dibromochloromethane(sim)		0.922	0.903		2.1	30
1,2-Dibromoethane(EDB)(sim)		0.724	0.678		6.4	30
Tetrachloroethene(sim)		0.811	0.763		5.9	30
Bromoform(sim)		2.102	2.178		-3.6	30
m,p-Xylene(sim)		2.259	2.190		3.1	30
1,1,2,2-Tetrachloroethane(sim)		1.940	1.864		3.9	30
Benzyl chloride(sim)	q	1.000	0.96		4.0	20
1,3-Dichlorobenzene(sim)		1.691	1.901		-12.4	30
1,4-Dichlorobenzene(sim)		1.273	1.533		-20.4	30
sec-Butylbenzene(sim)		4.385	4.432		-1.1	30
4-Isopropyltoluene(sim)		3.768	3.677		2.4	30
1,2-Dichlorobenzene(sim)		1.761	1.827		-3.7	30
n-Butylbenzene(sim)	q	1.000	0.92		8.0	20
1,2,4-Trichlorobenzene(sim)	qfi	1.000	0.71		29.0 #	20
Hexachlorobutadiene(sim)		2.100	1.960		6.7	30
% Bromofluorobenzene		1.197	1.241		-3.7	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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	84	
2		Propylene	1.128	1.088	3.5		
3		Dichlorodifluoromethane	3.215	3.226	-0.3		
4		Chloromethane	1.446	1.485	-2.7		
5		1,2-Dichlorotetrafluoroetha	2.919	2.954	-1.2		
6		Vinyl Chloride	1.291	1.307	-1.2		
7		1,3-Butadiene	1.081	1.135	-5.0		
8		Bromomethane	1.150	1.154	-0.3		
9		Chloroethane	0.519	0.541	-4.2		
11		Ethanol	0.635	0.677	-6.6		
12		Acetone	2.056	2.087	-1.5		
13		Trichlorofluoromethane	3.289	3.294	-0.2		
14		Isopropylalcohol	2.540	2.411	5.1		
15		Acrylonitrile	1.027	1.001	2.5		
16		1,1-Dichloroethene	2.037	1.939	4.8		
17		Methylene Chloride	1.820	1.857	-2.0		
20		Carbon Disulfide	3.022	2.934	2.9		
21		Trichlorotrifluoroethane	2.405	2.394	0.5		
22		Trans-1,2-Dichloroethene	1.905	1.804	5.3		
23		1,1-Dichloroethane	2.253	2.280	-1.2		
24		Methyl tert-butyl ether(MTB	2.647	2.394	9.6		
25		Methyl Ethyl Ketone	2.704	2.612	3.4		
26		Cis-1,2-Dichloroethene	1.788	1.708	4.5		
27		Hexane	1.889	1.754	7.1		
28		Chloroform	2.446	2.427	0.8		
29		Ethyl acetate	0.437	0.385	11.9		
30		Tetrahydrofuran	1.296	1.216	6.2		
31		1,2-Dichloroethane	1.810	1.785	1.4		
32		1,1,1-Trichloroethane	2.586	2.524	2.4		
33		Benzene	3.254	2.926	10.1		
34		Carbon Tetrachloride	2.973	2.971	0.1		
35		Cyclohexane	1.259	1.102	12.5		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	83	
37		1,2-dichloropropane	0.435	0.423	2.8		
38		Bromodichloromethane	0.774	0.756	2.3		
39		Trichloroethene	0.476	0.464	2.5		
40		2,2,4-trimethylpentane	1.781	1.721	3.4		
41		1,4-Dioxane	0.193	0.184	4.7		
43		Heptane	0.716	0.685	4.3		
44		cis-1,3-Dichloropropene	0.587	0.549	6.5		
45		4-Methyl-2-pentanone(MIBK)	0.918	0.874	4.8		
46		trans-1,3-Dichloropropene	0.476	0.423	11.1		
47		1,1,2-Trichloroethane	0.424	0.407	4.0		
48		Toluene	1.124	1.024	8.9		
49		Dibromochloromethane	0.928	0.920	0.9		
50		2-Hexanone(MBK)	0.786	0.690	12.2		
51		1,2-Dibromoethane(EDB)	0.715	0.678	5.2		
52		Tetrachloroethene	0.759	0.748	1.4		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	83	

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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	1.210	1.311	-8.3	
55		Chlorobenzene	1.919	2.009	-4.7	
56		Ethylbenzene	2.881	2.670	7.3	
57		m,p-Xylene	2.192	1.752	20.1	
58		Bromoform	2.106	2.220	-5.4	
59		Styrene	1.619	1.484	8.3	
60		1,1,2,2-Tetrachloroethane	1.772	1.749	1.3	
61		o-Xylene	2.313	2.275	1.6	
62	Surr	% Bromofluorobenzene	1.197	1.241	-3.7	
64		Isopropylbenzene	3.392	3.461	-2.0	
65		4-Ethyltoluene	3.135	3.052	2.6	
66		1,3,5-Trimethylbenzene	2.758	2.684	2.7	
67		1,2,4-Trimethylbenzene	2.701	2.533	6.2	
68	qf	Benzyl chloride	1.000	0.575	42.5	
69		1,3-Dichlorobenzene	1.851	1.692	8.6	
70		1,4-Dichlorobenzene	1.595	1.533	3.9	
71		sec-Butylbenzene	4.122	4.098	0.6	
72		4-Isopropyltoluene	3.756	3.677	2.1	
73		1,2-Dichlorobenzene	1.772	1.654	6.7	
74		n-Butylbenzene	2.755	2.389	13.3	
75	qf	1,2,4-Trichlorobenzene	1.000	0.446	55.4#	
76	qf	Naphthalene	1.000	0.417	58.3#	
77		Hexachlorobutadiene	1.814	1.949	-7.4	
78	int	Bromochloromethane(sim)	1.000	1.000	0.0	85
79		1,2-Dichlorotetrafluoroetha	3.119	2.917	6.5	
80		Vinyl Chloride(sim)	1.386	1.368	1.3	
81		Bromomethane(sim)	1.307	1.140	12.8	
82		Trichlorofluoromethane(sim)	3.479	3.361	3.4	
83		1,2-Dichloroethane(sim)	1.895	1.763	7.0	
84		1,1,1-Trichloroethane(sim)	2.731	2.677	2.0	
85		Benzene(sim)	3.393	2.890	14.8	
86		Carbon Tetrachloride(sim)	3.022	2.960	2.1	
87		1,1-Dichloroethene(sim)	2.153	1.915	11.1	
88		Trichlorotrifluoroethane(si	2.603	2.452	5.8	
89		Trans-1,2-Dichloroethene(si	2.029	1.782	12.2	
90		1,1-Dichloroethane(sim)	2.468	2.342	5.1	
91		Cis-1,2-Dichloroethene(sim)	1.861	1.687	9.3	
92		Chloroform(sim)	2.689	2.492	7.3	
93	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	83
94		1,2-dichloropropane(sim)	0.478	0.445	6.9	
95		Bromodichloromethane(sim)	0.823	0.756	8.1	
96		Trichloroethene(sim)	0.513	0.481	6.2	
97		1,4-Dioxane(sim)	0.190	0.184	3.2	
98		cis-1,3-Dichloropropene(sim	0.613	0.581	5.2	
99		1,1,2-Trichloroethane(sim)	0.441	0.407	7.7	
100		Dibromochloromethane(sim)	0.922	0.903	2.1	
101		1,2-Dibromoethane(EDB)(sim)	0.724	0.678	6.4	
102		Tetrachloroethene(sim)	0.811	0.763	5.9	

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
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%
103	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	83
104		Bromoform(sim)	2.102	2.178	-3.6	
105		m,p-Xylene(sim)	2.259	2.190	3.1	
106		1,1,2,2-Tetrachloroethane(s	1.940	1.864	3.9	
107	qf	Benzyl chloride(sim)	1.000	0.957	4.3	
108		1,3-Dichlorobenzene(sim)	1.691	1.901	-12.4	
109		1,4-Dichlorobenzene(sim)	1.273	1.533	-20.4	
110		sec-Butylbenzene(sim)	4.385	4.432	-1.1	
111		4-Isopropyltoluene(sim)	3.768	3.677	2.4	
112		1,2-Dichlorobenzene(sim)	1.761	1.827	-3.7	
113	qf	n-Butylbenzene(sim)	1.000	0.923	7.7	
114	qf	1,2,4-Trichlorobenzene(sim)	1.000	0.712	28.8	
116		Hexachlorobutadiene(sim)	2.100	1.960	6.7	

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	235920	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	808850	10.000	ng		0.00
53) Chlorobenzene-d5	11.139	82	375498	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	238862	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	808850	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.139	82	375498	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.974	95	466159	10.368	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.70%				
Target Compounds							Qvalue
2) Propylene	4.070	41	25659	0.964	ppbv		97
3) Dichlorodifluoromethane	4.145	85	76109	1.003	ppbv		100
4) Chloromethane	4.294	50	35045	1.027	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.385	85	69687	1.012	ppbv		90
6) Vinyl Chloride	4.493	62	30838	1.012	ppbv		98
7) 1,3-Butadiene	4.618	54	26771	1.050	ppbv		93
8) Bromomethane	4.850	94	27229	1.004	ppbv		93
9) Chloroethane	4.982	64	12766	1.043	ppbv		95
11) Ethanol	5.065	45	15965	1.065	ppbv		99
12) Acetone	5.443	43	49236	1.015	ppbv		99
13) Trichlorofluoromethane	5.578	101	77701	1.001	ppbv		98
14) Isopropylalcohol	5.615	45	56871	0.949	ppbv#		86
15) Acrylonitrile	5.778	53	23622	0.975	ppbv		99
16) 1,1-Dichloroethene	6.028	61	45751	0.952	ppbv		95
17) Methylene Chloride	6.106	49	43805	1.020	ppbv		93
20) Carbon Disulfide	6.344	76	69219	0.971	ppbv		98
21) Trichlorotrifluoroethane	6.284	101	56482	0.996	ppbv		98
22) Trans-1,2-Dichloroethene	6.737	61	42560	0.947	ppbv		95
23) 1,1-Dichloroethane	6.866	63	53798	1.012	ppbv		99
24) Methyl tert-butyl ethe...	6.899	73	56483	0.905	ppbv		95
25) Methyl Ethyl Ketone	7.102	43	61620	0.966	ppbv		98
26) Cis-1,2-Dichloroethene	7.394	61	40305	0.955	ppbv		96
27) Hexane	7.523	57	41377	0.929	ppbv		92
28) Chloroform	7.580	83	57260	0.992	ppbv		98
29) Ethyl acetate	7.507	61	9080	0.881	ppbv#		95
30) Tetrahydrofuran	7.840	42	28677	0.938	ppbv		97
31) 1,2-Dichloroethane	8.050	62	42109	0.986	ppbv		99
32) 1,1,1-Trichloroethane	8.213	97	59543	0.976	ppbv		97
33) Benzene	8.493	78	69032	0.899	ppbv		99
34) Carbon Tetrachloride	8.588	117	70098	1.000	ppbv		100
35) Cyclohexane	8.666	84	26008	0.876	ppbv		95
37) 1,2-dichloropropane	8.969	63	34226	0.972	ppbv		96
38) Bromodichloromethane	9.081	83	61150	0.977	ppbv		99
39) Trichloroethene	9.107	130	37502	0.975	ppbv		96
40) 2,2,4-trimethylpentane	9.107	57	139219	0.966	ppbv		97
41) 1,4-Dioxane	9.099	88	14844	0.951	ppbv#		92
43) Heptane	9.237	43	55418	0.957	ppbv		95
44) cis-1,3-Dichloropropene	9.589	75	44442	0.937	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.596	43	70728	0.953	ppbv		96
46) trans-1,3-Dichloropropene	9.877	75	34247	0.890	ppbv		96
47) 1,1,2-Trichloroethane	9.990	97	32919	0.960	ppbv		96
48) Toluene	10.152	91	82852	0.911	ppbv		97

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.405	129	74439	0.992	ppbv	100
50) 2-Hexanone(MBK)	10.265	43	55801	0.878	ppbv	92
51) 1,2-Dibromoethane(EDB)	10.546	107	54843	0.949	ppbv	99
52) Tetrachloroethene	10.792	166	60462	0.985	ppbv	92
54) 1,1,1,2-Tetrachloroethane	11.155	131	49241	1.084	ppbv	97
55) Chlorobenzene	11.170	112	75424	1.046	ppbv	96
56) Ethylbenzene	11.359	91	100262	0.927	ppbv	98
57) m,p-Xylene	11.450	91	164490	1.998	ppbv	98
58) Bromoform	11.534	173	83343	1.054	ppbv	99
59) Styrene	11.655	104	55727	0.917	ppbv	97
60) 1,1,2,2-Tetrachloroethane	11.716	83	65666	0.987	ppbv	94
61) o-Xylene	11.723	91	85441	0.984	ppbv	98
64) Isopropylbenzene	12.042	105	129948	1.020	ppbv	98
65) 4-Ethyltoluene	12.408	105	114593	0.973	ppbv	98
66) 1,3,5-Trimethylbenzene	12.447	105	100767	0.973	ppbv	93
67) 1,2,4-Trimethylbenzene	12.704	105	95121	0.938	ppbv	97
68) Benzyl chloride	12.797	91	41415	0.575	ppbv	97
69) 1,3-Dichlorobenzene	12.820	146	63517	0.914	ppbv	99
70) 1,4-Dichlorobenzene	12.859	146	57571	0.962	ppbv	97
71) sec-Butylbenzene	12.867	105	153897	0.994	ppbv	97
72) 4-Isopropyltoluene	12.952	119	138081	0.979	ppbv	97
73) 1,2-Dichlorobenzene	13.077	146	62100	0.933	ppbv	99
74) n-Butylbenzene	13.217	91	89694	0.867	ppbv	97
75) 1,2,4-Trichlorobenzene	14.274	180	15552	0.446	ppbv#	97
76) Naphthalene	14.375	128	32162	0.417	ppbv#	96
77) Hexachlorobutadiene	14.632	225	73178	1.074	ppbv	97
79] 1,2-Dichlorotetrafluor...	4.385	85	69687	0.935	ppbv	90
80] Vinyl Chloride(sim)	4.496	62	32665	0.987	ppbv	99
81] Bromomethane(sim)	4.850	94	27229	0.872	ppbv	93
82] Trichlorofluoromethane...	5.581	101	80282	0.966	ppbv#	99
83] 1,2-Dichloroethane(sim)	8.050	62	42109	0.930	ppbv	99
84] 1,1,1-Trichloroethane(...	8.216	97	63934	0.980	ppbv#	98
85] Benzene(sim)	8.493	78	69032	0.852	ppbv	99
86] Carbon Tetrachloride(sim)	8.583	117	70712	0.980	ppbv	99
87] 1,1-Dichloroethene(sim)	6.028	61	45751	0.890	ppbv	95
88] Trichlorotrifluoroetha...	6.281	101	58571	0.942	ppbv#	98
89] Trans-1,2-Dichloroethe...	6.737	61	42560	0.878	ppbv	95
90] 1,1-Dichloroethane(sim)	6.869	63	55951	0.949	ppbv	99
91] Cis-1,2-Dichloroethene...	7.394	61	40305	0.907	ppbv	96
92] Chloroform(sim)	7.583	83	59522	0.927	ppbv	99
94] 1,2-dichloropropane(sim)	8.972	63	36021	0.932	ppbv	92
95] Bromodichloromethane(sim)	9.081	83	61150	0.918	ppbv	99
96] Trichloroethene(sim)	9.110	130	38931	0.938	ppbv	95
97] 1,4-Dioxane(sim)	9.099	88	14844	0.966	ppbv#	92
98] cis-1,3-Dichloropropen...	9.585	75	47001	0.948	ppbv	97
99] 1,1,2-Trichloroethane(...	9.990	97	32919	0.922	ppbv	96
100] Dibromochloromethane(sim)	10.408	129	73061	0.980	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.546	107	54843	0.937	ppbv	99
102] Tetrachloroethene(sim)	10.795	166	61684	0.940	ppbv	92
104] Bromoform(sim)	11.537	173	81790	1.036	ppbv	99
105] m,p-Xylene(sim)	11.450	91	164490	1.939	ppbv	98
106] 1,1,2,2-Tetrachloroeth...	11.711	83	70004	0.961	ppbv	100
107] Benzyl chloride(sim)	12.797	91	41415	0.957	ppbv	97
108] 1,3-Dichlorobenzene(sim)	12.823	146	71379	1.124	ppbv	98
109] 1,4-Dichlorobenzene(sim)	12.859	146	57576	1.205	ppbv	97

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

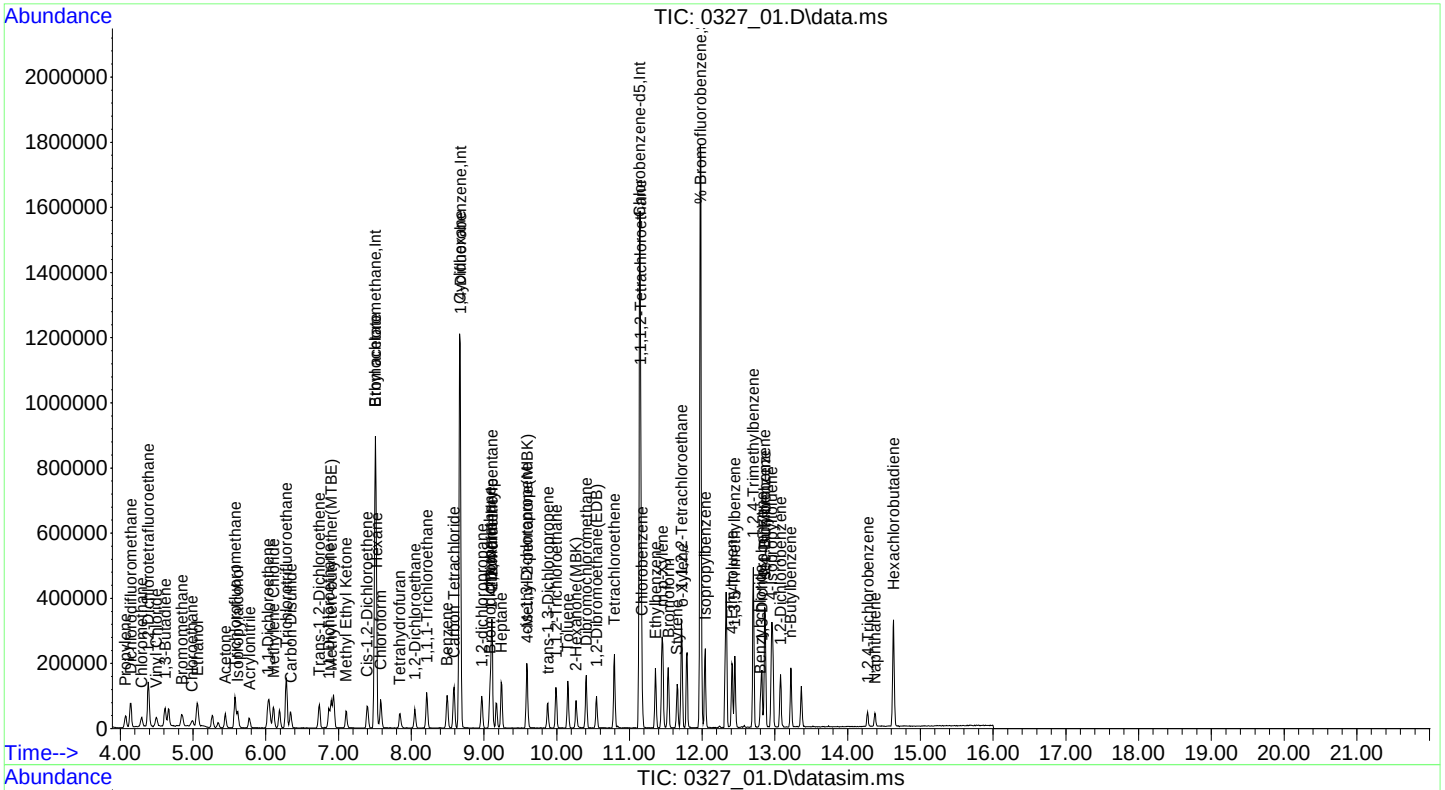
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.862	105	166403	1.011	ppbv	98
111] 4-Isopropyltoluene(sim)	12.952	119	138081	0.976	ppbv	96
112] 1,2-Dichlorobenzene(sim)	13.080	146	68622	1.038	ppbv	98
113] n-Butylbenzene(sim)	13.217	91	89694	0.923	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.277	180	17372	0.712	ppbv	98
116] Hexachlorobutadiene(sim)	14.627	225	73580	0.933	ppbv	98

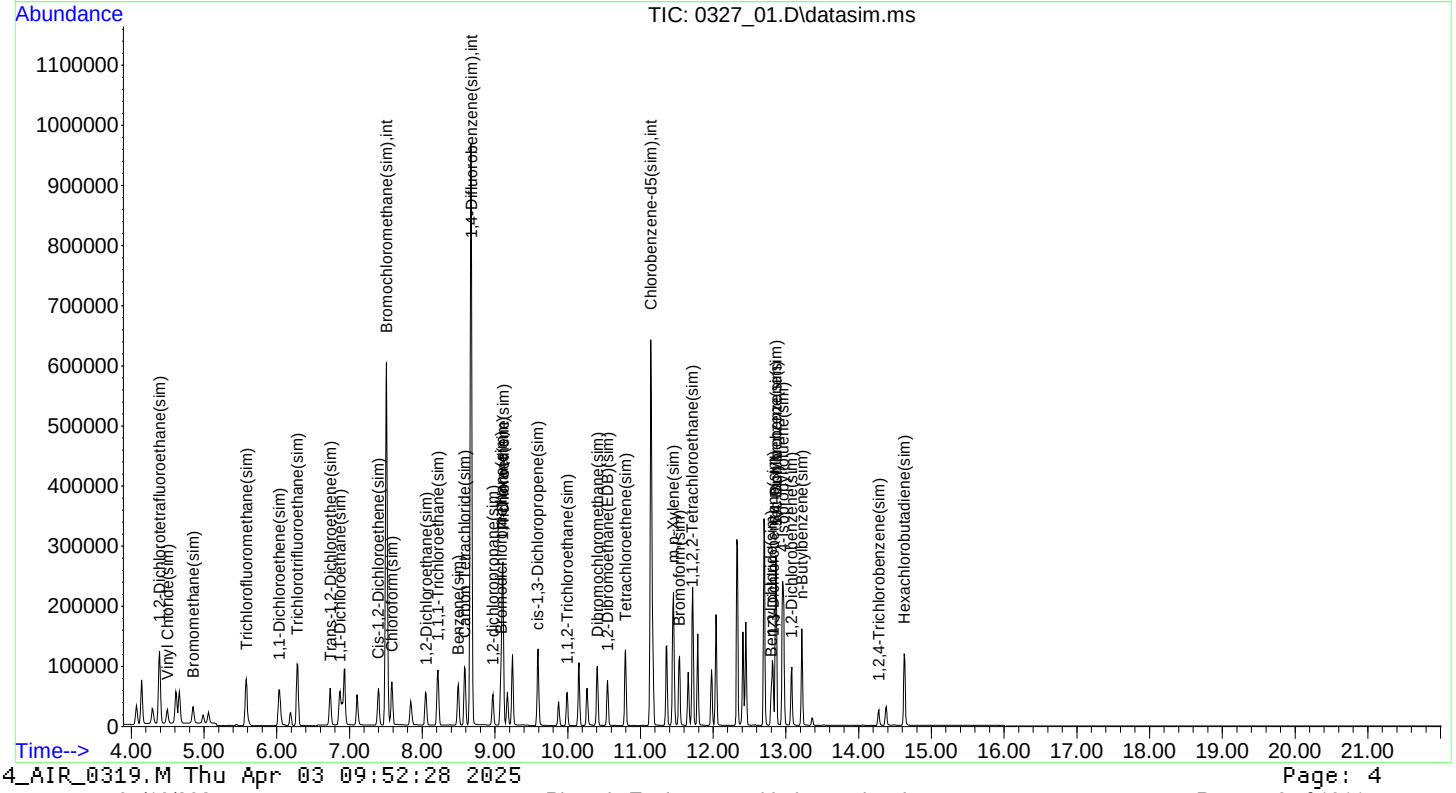
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0327_01.D
Acq On : 27 Mar 2025 12:38 pm
Operator : Keith
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1513X
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:05:12 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM39 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/25/25 03/25/25

Heated Purge (Y/N): Y Init. Calib. Times: 16:07 23:48

GC Column: RTX-1 ; #10157 Method File: 39_AIR_0325.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.922	0.906		1.7	30
Dichlorodifluoromethane	2.671	2.720		-1.8	30
Chloromethane	1.132	1.134		-0.2	30
1,2-Dichlorotetrafluoroethane	2.550	2.546		0.2	30
Vinyl Chloride	1.124	1.139		-1.3	30
1,3-Butadiene	0.953	0.978		-2.6	30
Bromomethane	0.935	0.968		-3.5	30
Chloroethane	0.503	0.491		2.4	30
Ethanol	0.552	0.548		0.7	30
Acetone	2.024	1.965		2.9	30
Trichlorofluoromethane	2.808	2.779		1.0	30
Isopropylalcohol	2.199	2.267		-3.1	30
Acrylonitrile	0.889	0.860		3.3	30
1,1-Dichloroethene	1.889	1.834		2.9	30
Methylene Chloride	1.570	1.517		3.4	30
Carbon Disulfide	2.799	2.752		1.7	30
Trichlorotrifluoroethane	2.161	2.084		3.6	30
Trans-1,2-Dichloroethene	1.789	1.712		4.3	30
1,1-Dichloroethane	2.071	2.024		2.3	30
Methyl tert-butyl ether(MTBE)	2.804	2.742		2.2	30
Methyl Ethyl Ketone	2.527	2.446		3.2	30
Cis-1,2-Dichloroethene	1.679	1.649		1.8	30
Hexane	1.934	1.849		4.4	30
Chloroform	2.276	2.218		2.5	30
Ethyl acetate	0.435	0.395		9.2	30
Tetrahydrofuran	1.294	1.262		2.5	30
1,2-Dichloroethane	1.671	1.656		0.9	30
1,1,1-Trichloroethane	2.358	2.326		1.4	30
Benzene	3.192	3.080		3.5	30
Carbon Tetrachloride	2.482	2.443		1.6	30
Cyclohexane	1.239	1.201		3.1	30
1,2-dichloropropane	0.391	0.374		4.3	30
Bromodichloromethane	0.667	0.632		5.2	30
Trichloroethene	0.396	0.384		3.0	30
2,2,4-trimethylpentane	1.651	1.629		1.3	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM39 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/25/25 03/25/25

Heated Purge (Y/N): Y Init. Calib. Times: 16:07 23:48

GC Column: RTX-1 ; #10157 Method File: 39_AIR_0325.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.190		-1.1	30
Heptane	0.670	0.653		2.5	30
cis-1,3-Dichloropropene	0.549	0.514		6.4	30
4-Methyl-2-pentanone(MIBK)	0.867	0.846		2.4	30
trans-1,3-Dichloropropene	0.445	0.423		4.9	30
1,1,2-Trichloroethane	0.364	0.345		5.2	30
Toluene	1.075	1.054		2.0	30
Dibromochloromethane	0.723	0.684		5.4	30
2-Hexanone(MBK)	0.795	0.770		3.1	30
1,2-Dibromoethane(EDB)	0.617	0.593		3.9	30
Tetrachloroethene	0.513	0.495		3.5	30
1,1,1,2-Tetrachloroethane	0.879	0.894		-1.7	30
Chlorobenzene	1.508	1.570		-4.1	30
Ethylbenzene	2.577	2.620		-1.7	30
m,p-Xylene	1.954	1.639		16.1	30
Bromoform	1.258	1.230		2.2	30
Styrene	1.450	1.482		-2.2	30
1,1,2,2-Tetrachloroethane	1.507	1.510		-0.2	30
o-Xylene	2.098	2.132		-1.6	30
Isopropylbenzene	2.754	2.878		-4.5	30
4-Ethyltoluene	2.843	2.864		-0.7	30
1,3,5-Trimethylbenzene	2.312	2.438		-5.4	30
1,2,4-Trimethylbenzene	2.397	2.408		-0.5	30
Benzyl chloride	1.989	1.814		8.8	30
1,3-Dichlorobenzene	1.623	1.530		5.7	30
1,4-Dichlorobenzene	1.458	1.507		-3.4	30
sec-Butylbenzene	3.409	3.526		-3.4	30
4-Isopropyltoluene	3.182	3.299		-3.7	30
1,2-Dichlorobenzene	1.467	1.411		3.8	30
n-Butylbenzene	2.803	2.899		-3.4	30
1,2,4-Trichlorobenzene	0.946	0.777		17.9	30
Naphthalene	2.026	1.675		17.3	30
Hexachlorobutadiene	1.015	0.908		10.5	30
1,2-Dichlorotetrafluoroethane(sim)	2.739	2.543		7.2	30
Vinyl Chloride(sim)	1.237	1.193		3.6	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: ROCKENVIRO

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS91392

Instrument: CHEM39 Calibration Date: 03/26/25 Time: 13:47

Lab File Id: 0326_02.D Init. Calib. Date(s): 03/25/25 03/25/25

Heated Purge (Y/N): Y Init. Calib. Times: 16:07 23:48

GC Column: RTX-1 ; #10157 Method File: 39_AIR_0325.M

COMPOUND		RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		1.068	0.967		9.5	30
Trichlorofluoromethane(sim)		3.081	2.907		5.6	30
1,2-Dichloroethane(sim)		1.795	1.654		7.9	30
1,1,1-Trichloroethane(sim)		2.635	2.460		6.6	30
Benzene(sim)		3.950	3.088		21.8	30
Carbon Tetrachloride(sim)		2.678	2.482		7.3	30
1,1-Dichloroethene(sim)		2.049	1.831		10.6	30
Trichlorotrifluoroethane(sim)		2.344	2.196		6.3	30
Trans-1,2-Dichloroethene(sim)		1.882	1.710		9.1	30
1,1-Dichloroethane(sim)		2.330	2.173		6.7	30
Cis-1,2-Dichloroethene(sim)		1.797	1.647		8.3	30
Chloroform(sim)		2.644	2.350		11.1	30
1,2-dichloropropane(sim)		0.436	0.404		7.3	30
Bromodichloromethane(sim)		0.697	0.632		9.3	30
Trichloroethene(sim)		0.424	0.401		5.4	30
1,4-Dioxane(sim)		0.191	0.190		0.5	30
cis-1,3-Dichloropropene(sim)		0.591	0.559		5.4	30
1,1,2-Trichloroethane(sim)		0.384	0.345		10.2	30
Dibromochloromethane(sim)		0.734	0.690		6.0	30
1,2-Dibromoethane(EDB)(sim)		0.630	0.593		5.9	30
Tetrachloroethene(sim)		0.538	0.496		7.8	30
Bromoform(sim)		1.250	1.198		4.2	30
m,p-Xylene(sim)		2.145	2.060		4.0	30
1,1,2,2-Tetrachloroethane(sim)		1.699	1.557		8.4	30
Benzyl chloride(sim)		1.827	1.814		0.7	30
1,3-Dichlorobenzene(sim)		1.761	1.660		5.7	30
1,4-Dichlorobenzene(sim)		1.540	1.507		2.1	30
sec-Butylbenzene(sim)		2.842	2.584		9.1	30
4-Isopropyltoluene(sim)		3.571	3.299		7.6	30
1,2-Dichlorobenzene(sim)		1.662	1.532		7.8	30
n-Butylbenzene(sim)		2.960	2.899		2.1	30
1,2,4-Trichlorobenzene(sim)	q	1.000	0.89		11.0	20
Hexachlorobutadiene(sim)	q	1.000	0.94		6.0	20
% Bromofluorobenzene		1.293	1.352		-4.6	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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
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	103	
2		Propylene	0.922	0.906	1.7		
3		Dichlorodifluoromethane	2.671	2.720	-1.8		
4		Chloromethane	1.132	1.134	-0.2		
5		1,2-Dichlorotetrafluoroetha	2.550	2.546	0.2		
6		Vinyl Chloride	1.124	1.139	-1.3		
7		1,3-Butadiene	0.953	0.978	-2.6		
8		Bromomethane	0.935	0.968	-3.5		
9		Chloroethane	0.503	0.491	2.4		
11		Ethanol	0.552	0.548	0.7		
12		Acetone	2.024	1.965	2.9		
13		Trichlorofluoromethane	2.808	2.779	1.0		
14		Isopropylalcohol	2.199	2.267	-3.1		
15		Acrylonitrile	0.889	0.860	3.3		
16		1,1-Dichloroethene	1.889	1.834	2.9		
17		Methylene Chloride	1.570	1.517	3.4		
20		Carbon Disulfide	2.799	2.752	1.7		
21		Trichlorotrifluoroethane	2.161	2.084	3.6		
22		Trans-1,2-Dichloroethene	1.789	1.712	4.3		
23		1,1-Dichloroethane	2.071	2.024	2.3		
24		Methyl tert-butyl ether(MTB	2.804	2.742	2.2		
25		Methyl Ethyl Ketone	2.527	2.446	3.2		
26		Cis-1,2-Dichloroethene	1.679	1.649	1.8		
27		Hexane	1.934	1.849	4.4		
28		Chloroform	2.276	2.218	2.5		
29		Ethyl acetate	0.435	0.395	9.2		
30		Tetrahydrofuran	1.294	1.262	2.5		
31		1,2-Dichloroethane	1.671	1.656	0.9		
32		1,1,1-Trichloroethane	2.358	2.326	1.4		
33		Benzene	3.192	3.080	3.5		
34		Carbon Tetrachloride	2.482	2.443	1.6		
35		Cyclohexane	1.239	1.201	3.1		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	104	
37		1,2-dichloropropane	0.391	0.374	4.3		
38		Bromodichloromethane	0.667	0.632	5.2		
39		Trichloroethene	0.396	0.384	3.0		
40		2,2,4-trimethylpentane	1.651	1.629	1.3		
41		1,4-Dioxane	0.188	0.190	-1.1		
43		Heptane	0.670	0.653	2.5		
44		cis-1,3-Dichloropropene	0.549	0.514	6.4		
45		4-Methyl-2-pentanone(MIBK)	0.867	0.846	2.4		
46		trans-1,3-Dichloropropene	0.445	0.423	4.9		
47		1,1,2-Trichloroethane	0.364	0.345	5.2		
48		Toluene	1.075	1.054	2.0		
49		Dibromochloromethane	0.723	0.684	5.4		
50		2-Hexanone(MBK)	0.795	0.770	3.1		
51		1,2-Dibromoethane(EDB)	0.617	0.593	3.9		
52		Tetrachloroethene	0.513	0.495	3.5		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	104	

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
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	0.879	0.894	-1.7		
55		Chlorobenzene	1.508	1.570	-4.1		
56		Ethylbenzene	2.577	2.620	-1.7		
57		m,p-Xylene	1.954	1.639	16.1		
58		Bromoform	1.258	1.230	2.2		
59		Styrene	1.450	1.482	-2.2		
60		1,1,2,2-Tetrachloroethane	1.507	1.510	-0.2		
61		o-Xylene	2.098	2.132	-1.6		
62	Surr	% Bromofluorobenzene	1.293	1.352	-4.6		
64		Isopropylbenzene	2.754	2.878	-4.5		
65		4-Ethyltoluene	2.843	2.864	-0.7		
66		1,3,5-Trimethylbenzene	2.312	2.438	-5.4		
67		1,2,4-Trimethylbenzene	2.397	2.408	-0.5		
68		Benzyl chloride	1.989	1.814	8.8		
69		1,3-Dichlorobenzene	1.623	1.530	5.7		
70		1,4-Dichlorobenzene	1.458	1.507	-3.4		
71		sec-Butylbenzene	3.409	3.526	-3.4		
72		4-Isopropyltoluene	3.182	3.299	-3.7		
73		1,2-Dichlorobenzene	1.467	1.411	3.8		
74		n-Butylbenzene	2.803	2.899	-3.4		
75		1,2,4-Trichlorobenzene	0.946	0.777	17.9		
76		Naphthalene	2.026	1.675	17.3		
77		Hexachlorobutadiene	1.015	0.908	10.5		
78	int	Bromochloromethane(sim)	1.000	1.000	0.0	104	
79		1,2-Dichlorotetrafluoroetha	2.739	2.543	7.2		
80		Vinyl Chloride(sim)	1.237	1.193	3.6		
81		Bromomethane(sim)	1.068	0.967	9.5		
82		Trichlorofluoromethane(sim)	3.081	2.907	5.6		
83		1,2-Dichloroethane(sim)	1.795	1.654	7.9		
84		1,1,1-Trichloroethane(sim)	2.635	2.460	6.6		
85		Benzene(sim)	3.950	3.088	21.8		
86		Carbon Tetrachloride(sim)	2.678	2.482	7.3		
87		1,1-Dichloroethene(sim)	2.049	1.831	10.6		
88		Trichlorotrifluoroethane(si	2.344	2.196	6.3		
89		Trans-1,2-Dichloroethene(si	1.882	1.710	9.1		
90		1,1-Dichloroethane(sim)	2.330	2.173	6.7		
91		Cis-1,2-Dichloroethene(sim)	1.797	1.647	8.3		
92		Chloroform(sim)	2.644	2.350	11.1		
93	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	104	
94		1,2-dichloropropane(sim)	0.436	0.404	7.3		
95		Bromodichloromethane(sim)	0.697	0.632	9.3		
96		Trichloroethene(sim)	0.424	0.401	5.4		
97		1,4-Dioxane(sim)	0.191	0.190	0.5		
98		cis-1,3-Dichloropropene(sim	0.591	0.559	5.4		
99		1,1,2-Trichloroethane(sim)	0.384	0.345	10.2		
100		Dibromochloromethane(sim)	0.734	0.690	6.0		
101		1,2-Dibromoethane(EDB)(sim)	0.630	0.593	5.9		
102		Tetrachloroethene(sim)	0.538	0.496	7.8		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
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%	
103 int	Chlorobenzene-d5(sim)	1.000	1.000	0.0		104
104	Bromoform(sim)	1.250	1.198	4.2		
105	m,p-Xylene(sim)	2.145	2.060	4.0		
106	1,1,2,2-Tetrachloroethane(s	1.699	1.557	8.4		
107	Benzyl chloride(sim)	1.827	1.814	0.7		
108	1,3-Dichlorobenzene(sim)	1.761	1.660	5.7		
109	1,4-Dichlorobenzene(sim)	1.540	1.507	2.1		
110	sec-Butylbenzene(sim)	2.842	2.584	9.1		
111	4-Isopropyltoluene(sim)	3.571	3.299	7.6		
112	1,2-Dichlorobenzene(sim)	1.662	1.532	7.8		
113	n-Butylbenzene(sim)	2.960	2.899	2.1		
114 qf	1,2,4-Trichlorobenzene(sim)	1.000	0.886	11.4		
116 qf	Hexachlorobutadiene(sim)	1.000	0.936	6.4		

(#)=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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	252388	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	943554	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	490389	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	252727	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	943554	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	490389	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	662968	10.454	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.50%				
Target Compounds							Qvalue
2) Propylene	3.891	41	22858	0.983	ppbv		99
3) Dichlorodifluoromethane	3.956	85	68652	1.018	ppbv		100
4) Chloromethane	4.110	50	28633	1.002	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.199	85	64262	0.999	ppbv		96
6) Vinyl Chloride	4.313	62	28748	1.014	ppbv		100
7) 1,3-Butadiene	4.426	54	24688	1.027	ppbv		94
8) Bromomethane	4.661	94	24429	1.035	ppbv		96
9) Chloroethane	4.799	64	12390	0.977	ppbv		90
11) Ethanol	4.880	45	13828	0.993	ppbv#		94
12) Acetone	5.256	43	49600	0.971	ppbv		99
13) Trichlorofluoromethane	5.391	101	70150	0.990	ppbv		99
14) Isopropylalcohol	5.421	45	57205	1.031	ppbv		96
15) Acrylonitrile	5.587	53	21706	0.967	ppbv		98
16) 1,1-Dichloroethene	5.842	61	46281	0.970	ppbv		89
17) Methylene Chloride	5.925	49	38287	0.966	ppbv#		81
20) Carbon Disulfide	6.157	76	69461	0.983	ppbv		100
21) Trichlorotrifluoroethane	6.098	101	52598	0.964	ppbv		96
22) Trans-1,2-Dichloroethene	6.553	61	43210	0.957	ppbv		87
23) 1,1-Dichloroethane	6.691	63	51092	0.978	ppbv		99
24) Methyl tert-butyl ethe...	6.716	73	69213	0.978	ppbv		90
25) Methyl Ethyl Ketone	6.927	43	61740	0.968	ppbv#		92
26) Cis-1,2-Dichloroethene	7.227	61	41617	0.982	ppbv		92
27) Hexane	7.348	57	46661	0.956	ppbv#		96
28) Chloroform	7.413	83	55988	0.974	ppbv		95
29) Ethyl acetate	7.332	61	9962	0.906	ppbv		93
30) Tetrahydrofuran	7.673	42	31856	0.975	ppbv#		85
31) 1,2-Dichloroethane	7.883	62	41808	0.991	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	58696	0.986	ppbv		94
33) Benzene	8.334	78	77741	0.965	ppbv#		92
34) Carbon Tetrachloride	8.421	117	61666	0.984	ppbv		99
35) Cyclohexane	8.499	84	30324	0.970	ppbv#		88
37) 1,2-dichloropropane	8.819	63	35309	0.958	ppbv		98
38) Bromodichloromethane	8.931	83	59665	0.948	ppbv		99
39) Trichloroethene	8.949	130	36217	0.970	ppbv		93
40) 2,2,4-trimethylpentane	8.957	57	153686	0.986	ppbv		96
41) 1,4-Dioxane	8.940	88	17898	1.007	ppbv#		79
43) Heptane	9.087	43	61573	0.974	ppbv#		90
44) cis-1,3-Dichloropropene	9.446	75	48498	0.937	ppbv		92
45) 4-Methyl-2-pentanone(M...	9.446	43	79823	0.976	ppbv#		94
46) trans-1,3-Dichloropropene	9.734	75	39892	0.950	ppbv		96
47) 1,1,2-Trichloroethane	9.854	97	32561	0.949	ppbv		95
48) Toluene	10.016	91	99480	0.981	ppbv		99

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.269	129	64537	0.945	ppbv	98
50) 2-Hexanone(MBK)	10.121	43	72677	0.969	ppbv#	91
51) 1,2-Dibromoethane(EDB)	10.410	107	55970	0.962	ppbv	98
52) Tetrachloroethene	10.656	166	46695	0.966	ppbv	95
54) 1,1,1,2-Tetrachloroethane	11.023	131	43849	1.017	ppbv	98
55) Chlorobenzene	11.039	112	76991	1.041	ppbv	96
56) Ethylbenzene	11.228	91	128497	1.017	ppbv	98
57) m,p-Xylene	11.327	91	200926	2.097	ppbv	97
58) Bromoform	11.403	173	60327	0.978	ppbv	98
59) Styrene	11.531	104	72694	1.023	ppbv#	91
60) 1,1,2,2-Tetrachloroethane	11.592	83	74044	1.002	ppbv	94
61) o-Xylene	11.592	91	104528	1.016	ppbv	97
64) Isopropylbenzene	11.911	105	141110	1.045	ppbv	96
65) 4-Ethyltoluene	12.290	105	140467	1.008	ppbv	97
66) 1,3,5-Trimethylbenzene	12.328	105	119573	1.055	ppbv	96
67) 1,2,4-Trimethylbenzene	12.579	105	118095	1.005	ppbv	95
68) Benzyl chloride	12.677	91	88962	0.912	ppbv	96
69) 1,3-Dichlorobenzene	12.700	146	75005	0.942	ppbv	98
70) 1,4-Dichlorobenzene	12.738	146	73901	1.033	ppbv	99
71) sec-Butylbenzene	12.746	105	172930	1.035	ppbv	97
72) 4-Isopropyltoluene	12.837	119	161772	1.037	ppbv	96
73) 1,2-Dichlorobenzene	12.958	146	69184	0.962	ppbv	99
74) n-Butylbenzene	13.103	91	142151	1.034	ppbv	97
75) 1,2,4-Trichlorobenzene	14.143	180	38104	0.822	ppbv	97
76) Naphthalene	14.242	128	82162	0.827	ppbv#	99
77) Hexachlorobutadiene	14.485	225	44523	0.894	ppbv	97
79] 1,2-Dichlorotetrafluor...	4.199	85	64269	0.928	ppbv	96
80] Vinyl Chloride(sim)	4.307	62	30147	0.965	ppbv	100
81] Bromomethane(sim)	4.661	94	24429	0.905	ppbv#	96
82] Trichlorofluoromethane...	5.393	101	73476	0.944	ppbv#	100
83] 1,2-Dichloroethane(sim)	7.883	62	41808	0.921	ppbv	95
84] 1,1,1-Trichloroethane(...	8.049	97	62176	0.934	ppbv#	96
85] Benzene(sim)	8.334	78	78037	0.782	ppbv#	92
86] Carbon Tetrachloride(sim)	8.424	117	62718	0.927	ppbv	99
87] 1,1-Dichloroethene(sim)	5.842	61	46281	0.894	ppbv	89
88] Trichlorotrifluoroetha...	6.101	101	55505	0.937	ppbv#	96
89] Trans-1,2-Dichloroethe...	6.553	61	43210	0.908	ppbv	87
90] 1,1-Dichloroethane(sim)	6.686	63	54907	0.933	ppbv	98
91] Cis-1,2-Dichloroethene...	7.227	61	41617	0.916	ppbv	92
92] Chloroform(sim)	7.408	83	59380	0.889	ppbv	97
94] 1,2-dichloropropane(sim)	8.813	63	38148	0.928	ppbv	93
95] Bromodichloromethane(sim)	8.931	83	59665	0.907	ppbv	99
96] Trichloroethene(sim)	8.951	130	37821	0.945	ppbv	95
97] 1,4-Dioxane(sim)	8.940	88	17898	0.995	ppbv#	79
98] cis-1,3-Dichloropropen...	9.442	75	52759	0.946	ppbv	98
99] 1,1,2-Trichloroethane(...	9.854	97	32561	0.899	ppbv	96
100] Dibromochloromethane(sim)	10.265	129	65140	0.941	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.410	107	55970	0.941	ppbv	98
102] Tetrachloroethene(sim)	10.659	166	46817	0.922	ppbv	95
104] Bromoform(sim)	11.405	173	58753	0.958	ppbv	99
105] m,p-Xylene(sim)	11.327	91	202023	1.921	ppbv	97
106] 1,1,2,2-Tetrachloroeth...	11.587	83	76348	0.916	ppbv	99
107] Benzyl chloride(sim)	12.677	91	88962	0.993	ppbv	96
108] 1,3-Dichlorobenzene(sim)	12.695	146	81408	0.943	ppbv	100
109] 1,4-Dichlorobenzene(sim)	12.738	146	73911	0.979	ppbv	99

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

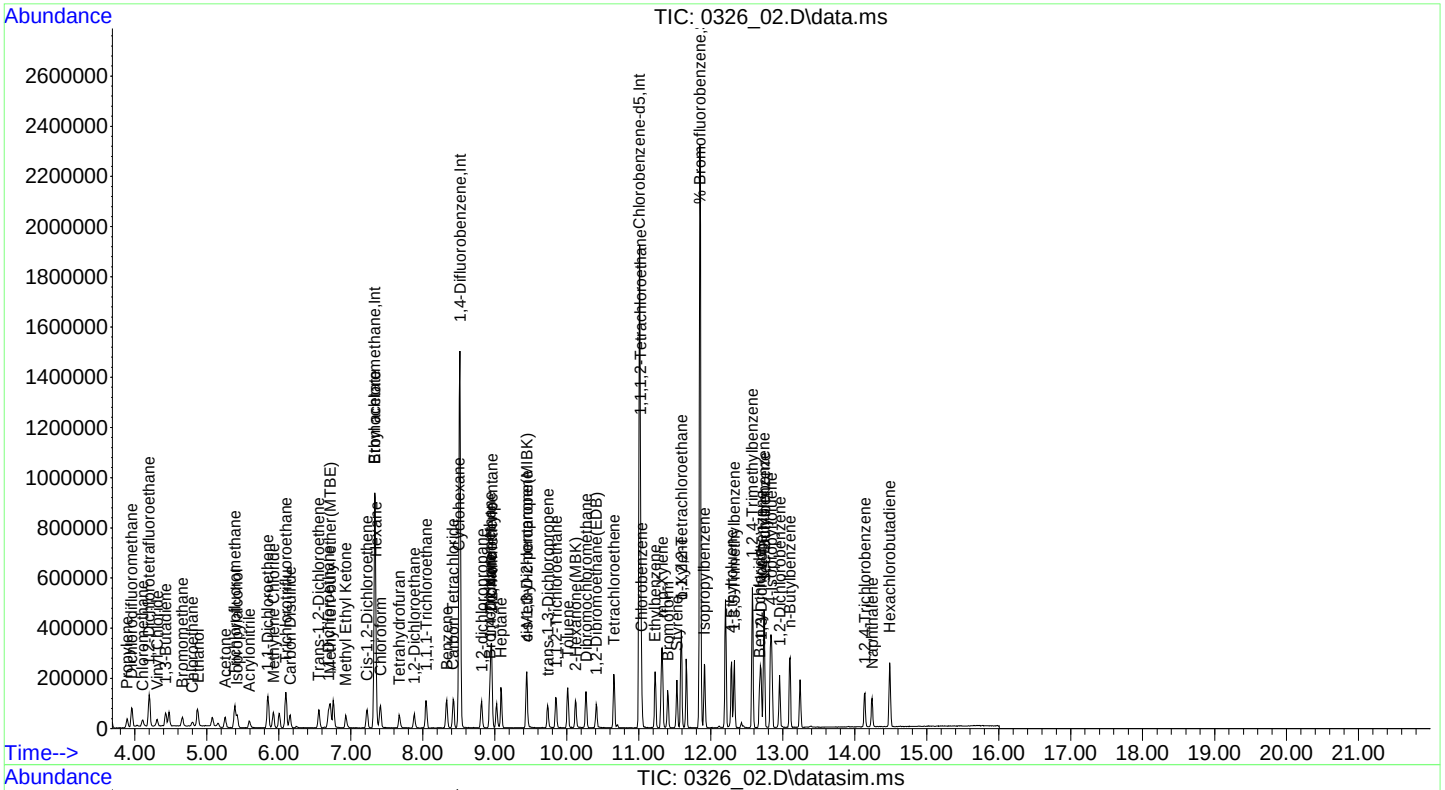
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	126734	0.909	ppbv	97
111] 4-Isopropyltoluene(sim)	12.837	119	161772	0.924	ppbv	96
112] 1,2-Dichlorobenzene(sim)	12.961	146	75149	0.922	ppbv	100
113] n-Butylbenzene(sim)	13.103	91	142151	0.979	ppbv	97
114] 1,2,4-Trichlorobenzene...	14.138	180	41403	0.886	ppbv	98
116] Hexachlorobutadiene(sim)	14.488	225	46159	0.936	ppbv	99

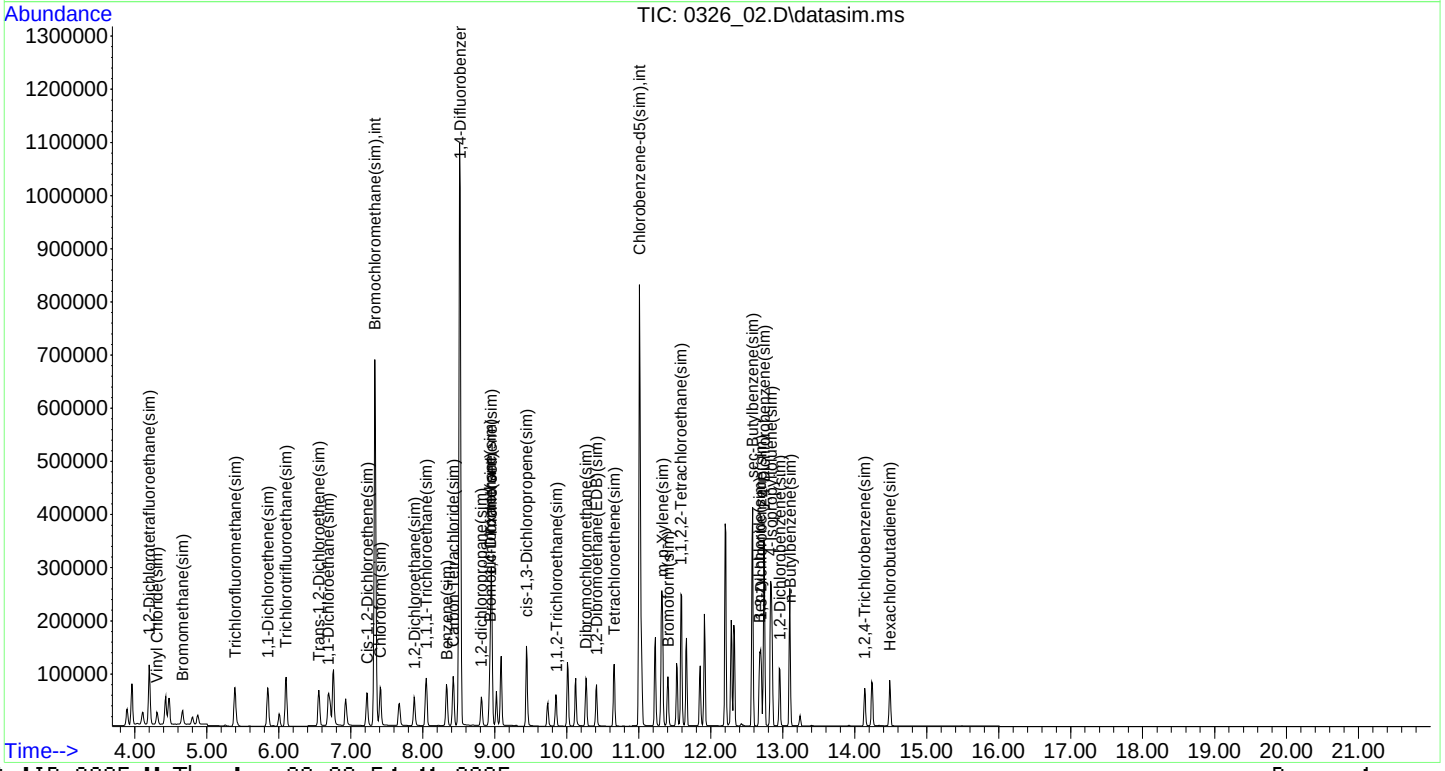
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_02.D
Acq On : 26 Mar 2025 1:47 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1514A - 1ppb cCal; TO1514A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 15:15:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: CS90667 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 LCS

Canister: LCS Lab File ID: 0326_08.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	9.87		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	11.0		0.202	0.202	r
74-87-3	Chloromethane	9.77		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	8.71		0.143	0.143	r
75-01-4	Vinyl Chloride	9.08		0.078	0.078	r
106-99-0	1,3-Butadiene	8.96		0.452	0.452	r
74-83-9	Bromomethane	7.87		0.258	0.258	r
75-00-3	Chloroethane	8.32		0.379	0.379	r
64-17-5	Ethanol	4.99		0.531	0.531	r
67-64-1	Acetone	7.65		0.421	0.421	r
75-69-4	Trichlorofluoromethane	7.02		0.178	0.178	r
67-63-0	Isopropylalcohol	7.39		0.407	0.407	r
107-13-1	Acrylonitrile	7.68		0.461	0.461	r
75-35-4	1,1-Dichloroethene	7.66		0.051	0.051	r
75-09-2	Methylene Chloride	7.55		0.863	0.863	r
75-15-0	Carbon Disulfide	7.84		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	7.28		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.7		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.8		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.6		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.9		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.8		0.051	0.051	r
110-54-3	Hexane	11.3		0.284	0.284	r
67-66-3	Chloroform	11.1		0.205	0.205	r
141-78-6	Ethyl acetate	14.2		0.278	0.278	r
109-99-9	Tetrahydrofuran	11.1		0.339	0.339	r
107-06-2	1,2-Dichloroethane	11.1		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.4		0.183	0.183	r
71-43-2	Benzene	11.2		0.313	0.313	r
56-23-5	Carbon Tetrachloride	9.68		0.032	0.032	r
110-82-7	Cyclohexane	10.4		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.6		0.217	0.217	r
75-27-4	Bromodichloromethane	10.3		0.149	0.149	r
79-01-6	Trichloroethene	8.96		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	9.96		0.215	0.215	r
123-91-1	1,4-Dioxane	9.53		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

CLIENT ID

AIR ANALYSIS DATA SHEET

CS90667 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 LCS

Canister: LCS Lab File ID: 0326_08.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.7		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	10.5		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	10.2		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.2		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.6		0.183	0.183	r
108-88-3	Toluene	10.6		0.266	0.266	r
124-48-1	Dibromochloromethane	9.54		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	10.2		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.1		0.130	0.130	r
127-18-4	Tetrachloroethene	8.66		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	8.19		0.146	0.146	r
108-90-7	Chlorobenzene	9.47		0.217	0.217	r
100-41-4	Ethylbenzene	9.87		0.230	0.230	r
179601-23-1	m,p-Xylene	20.1		0.230	0.230	r
75-25-2	Bromoform	7.28		0.097	0.097	r
100-42-5	Styrene	9.66		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.81		0.146	0.146	r
95-47-6	o-Xylene	9.85		0.230	0.230	r
98-82-8	Isopropylbenzene	9.23		0.204	0.204	r
622-96-8	4-Ethyltoluene	9.77		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	9.39		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	9.56		0.204	0.204	r
100-44-7	Benzyl chloride	8.64		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	8.46		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	8.45		0.166	0.166	r
135-98-8	sec-Butylbenzene	8.95		0.182	0.182	r
99-87-6	4-Isopropyltoluene	8.45		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	8.22		0.166	0.166	r
104-51-8	n-Butylbenzene	8.58		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	5.20		0.135	0.135	r
91-20-3	Naphthalene	6.01		0.200	0.200	r
87-68-3	Hexachlorobutadiene	4.79		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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 4:39 pm
Operator :
Client ID : CS90667 LCS
Lab ID : CS90667 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 08:13:10 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.027	130	199075m	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.184	114	679697	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	403310	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	228173	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.184	114	679697	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	403109	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	427767	9.636	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.40%				
Target Compounds							Qvalue
2) Propylene	3.719	41	111343	9.870	ppbv		96
3) Dichlorodifluoromethane	3.792	85	673264	10.959	ppbv		98
4) Chloromethane	3.930	50	325355	9.767	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.019	85	1207480	8.712	ppbv		92
6) Vinyl Chloride	4.117	62	387505	9.075	ppbv		95
7) 1,3-Butadiene	4.230	54	269372	8.959	ppbv		94
8) Bromomethane	4.449	94	429889	7.865	ppbv#		87
9) Chloroethane	4.587	64	178583	8.316	ppbv		93
11) Ethanol	4.676	45	89299	4.994	ppbv#		40
12) Acetone	5.025	43	607157	7.654	ppbv#		77
13) Trichlorofluoromethane	5.147	101	1150546m	7.023	ppbv		
14) Isopropylalcohol	5.195	45	634703	7.392	ppbv#		94
15) Acrylonitrile	5.341	53	260671	7.683	ppbv#		1
16) 1,1-Dichloroethene	5.581	61	632264	7.663	ppbv#		77
17) Methylene Chloride	5.658	49	427084	7.548	ppbv#		74
20) Carbon Disulfide	5.878	76	1152712	7.841	ppbv		95
21) Trichlorotrifluoroethane	5.825	101	890230	7.277	ppbv		92
22) Trans-1,2-Dichloroethene	6.267	61	242442	10.699	ppbv#		83
23) 1,1-Dichloroethane	6.397	63	313266	10.772	ppbv		98
24) Methyl tert-butyl ethe...	6.434	73	473191	10.548	ppbv#		89
25) Methyl Ethyl Ketone	6.643	43	366419	10.876	ppbv#		93
26) Cis-1,2-Dichloroethene	6.918	61	237299	10.818	ppbv#		83
27) Hexane	7.034	57	266669	11.251	ppbv		98
28) Chloroform	7.104	83	413560	11.070	ppbv		96
29) Ethyl acetate	7.034	61	76355m	14.201	ppbv		
30) Tetrahydrofuran	7.360	42	182058	11.070	ppbv		98
31) 1,2-Dichloroethane	7.561	62	264705	11.141	ppbv#		92
32) 1,1,1-Trichloroethane	7.716	97	420807	10.422	ppbv		97
33) Benzene	8.002	78	561811	11.216	ppbv		94
34) Carbon Tetrachloride	8.088	117	414454	9.683	ppbv		98
35) Cyclohexane	8.175	84	219296	10.399	ppbv#		83
37) 1,2-dichloropropane	8.486	63	222922	10.623	ppbv		88
38) Bromodichloromethane	8.599	83	490378	10.318	ppbv		97
39) Trichloroethene	8.616	130	314839	8.958	ppbv#		85
40) 2,2,4-trimethylpentane	8.625	57	860364	9.958	ppbv		98
41) 1,4-Dioxane	8.616	88	127282	9.528	ppbv#		80
43) Heptane	8.763	43	334316	10.648	ppbv		99
44) cis-1,3-Dichloropropene	9.107	75	361892	10.469	ppbv		97
45) 4-Methyl-2-pentanone(M...	9.114	43	492103	10.177	ppbv		93
46) trans-1,3-Dichloropropene	9.403	75	270122	10.168	ppbv		97
47) 1,1,2-Trichloroethane	9.516	97	265241	10.558	ppbv		98
48) Toluene	9.677	91	748604	10.556	ppbv#		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 4:39 pm
Operator :
Client ID : CS90667 LCS
Lab ID : CS90667 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 08:13:10 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	9.924	129	498075	9.535	ppbv	99
50) 2-Hexanone(MBK)	9.790	43	443952	10.203	ppbv#	44
51) 1,2-Dibromoethane(EDB)	10.065	107	431884	10.098	ppbv	100
52) Tetrachloroethene	10.311	166	366474	8.658	ppbv	98
54) 1,1,1,2-Tetrachloroethane	10.675	131	344734	8.188	ppbv#	93
55) Chlorobenzene	10.690	112	644232	9.473	ppbv#	81
56) Ethylbenzene	10.887	91	966405	9.872	ppbv	84
57) m,p-Xylene	10.978	91	1530565	20.138	ppbv	100
58) Bromoform	11.054	173	386509	7.278	ppbv	97
59) Styrene	11.183	104	553272	9.658	ppbv#	73
60) 1,1,2,2-Tetrachloroethane	11.243	83	667658	9.812	ppbv	95
61) o-Xylene	11.243	91	823200	9.853	ppbv#	86
64) Isopropylbenzene	11.570	105	1064205	9.232	ppbv#	93
65) 4-Ethyltoluene	11.941	105	1145190	9.774	ppbv	90
66) 1,3,5-Trimethylbenzene	11.979	105	888008	9.385	ppbv#	90
67) 1,2,4-Trimethylbenzene	12.238	105	1080380	9.558	ppbv	92
68) Benzyl chloride	12.329	91	645797	8.639	ppbv#	92
69) 1,3-Dichlorobenzene	12.344	146	645244	8.455	ppbv#	90
70) 1,4-Dichlorobenzene	12.390	146	681978	8.448	ppbv	100
71) sec-Butylbenzene	12.397	105	1445177	8.946	ppbv#	90
72) 4-Isopropyltoluene	12.488	119	1256736	8.445	ppbv	100
73) 1,2-Dichlorobenzene	12.602	146	583185	8.218	ppbv#	91
74) n-Butylbenzene	12.754	91	1034529	8.577	ppbv	98
75) 1,2,4-Trichlorobenzene	13.757	180	333259m	5.199	ppbv	98
76) Naphthalene	13.848	128	788240m	6.011	ppbv	95
77) Hexachlorobutadiene	14.091	225	283136	4.788	ppbv	98
79] 1,2-Dichlorotetrafluor...	4.019	85	1205709	7.857	ppbv	92
80] Vinyl Chloride(sim)	4.120	62	430676	8.434	ppbv	98
81] Bromomethane(sim)	4.449	94	429889	6.601	ppbv#	88
82] Trichlorofluoromethane...	5.150	101	1317679	6.676	ppbv#	97
83] 1,2-Dichloroethane(sim)	7.561	62	264705	9.781	ppbv#	11
84] 1,1,1-Trichloroethane(...	7.719	97	493868	10.396	ppbv#	94
85] Benzene(sim)	8.002	78	561811	9.770	ppbv	94
86] Carbon Tetrachloride(sim)	8.091	117	485764	10.565	ppbv	99
87] 1,1-Dichloroethene(sim)	5.581	61	632264	7.254	ppbv#	77
88] Trichlorotrifluoroetha...	5.828	101	1004664	7.360	ppbv#	95
89] Trans-1,2-Dichloroethe...	6.267	61	242442	9.317	ppbv#	83
90] 1,1-Dichloroethane(sim)	6.400	63	363048	9.984	ppbv	98
91] Cis-1,2-Dichloroethene...	6.918	61	237299	8.993	ppbv#	83
92] Chloroform(sim)	7.107	83	470480	10.358	ppbv	96
94] 1,2-dichloropropane(sim)	8.481	63	253877	10.662	ppbv	89
95] Bromodichloromethane(sim)	8.599	83	490378	11.712	ppbv	97
96] Trichloroethene(sim)	8.619	130	365474	11.401	ppbv	90
97] 1,4-Dioxane(sim)	8.616	88	127282	9.169	ppbv#	80
98] cis-1,3-Dichloropropen...	9.110	75	419591	11.887	ppbv	97
99] 1,1,2-Trichloroethane(...	9.516	97	265241	10.747	ppbv	99
100] Dibromochloromethane(sim)	9.927	129	568431	11.355	ppbv	99
101] 1,2-Dibromoethane(EDB)...	10.065	107	431884	10.357	ppbv	100
102] Tetrachloroethene(sim)	10.314	166	426998	9.977	ppbv	93
104] Bromoform(sim)	11.057	173	459164	7.507	ppbv	98
105] m,p-Xylene(sim)	10.978	91	1532574	18.837	ppbv#	90
106] 1,1,2,2-Tetrachloroeth...	11.246	83	745361	9.810	ppbv	100
107] Benzyl chloride(sim)	12.329	91	645797	9.092	ppbv	92
108] 1,3-Dichlorobenzene(sim)	12.347	146	799868	8.718	ppbv#	94
109] 1,4-Dichlorobenzene(sim)	12.390	146	681978	8.424	ppbv	89

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 4:39 pm
Operator :
Client ID : CS90667 LCS
Lab ID : CS90667 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 08:13:10 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

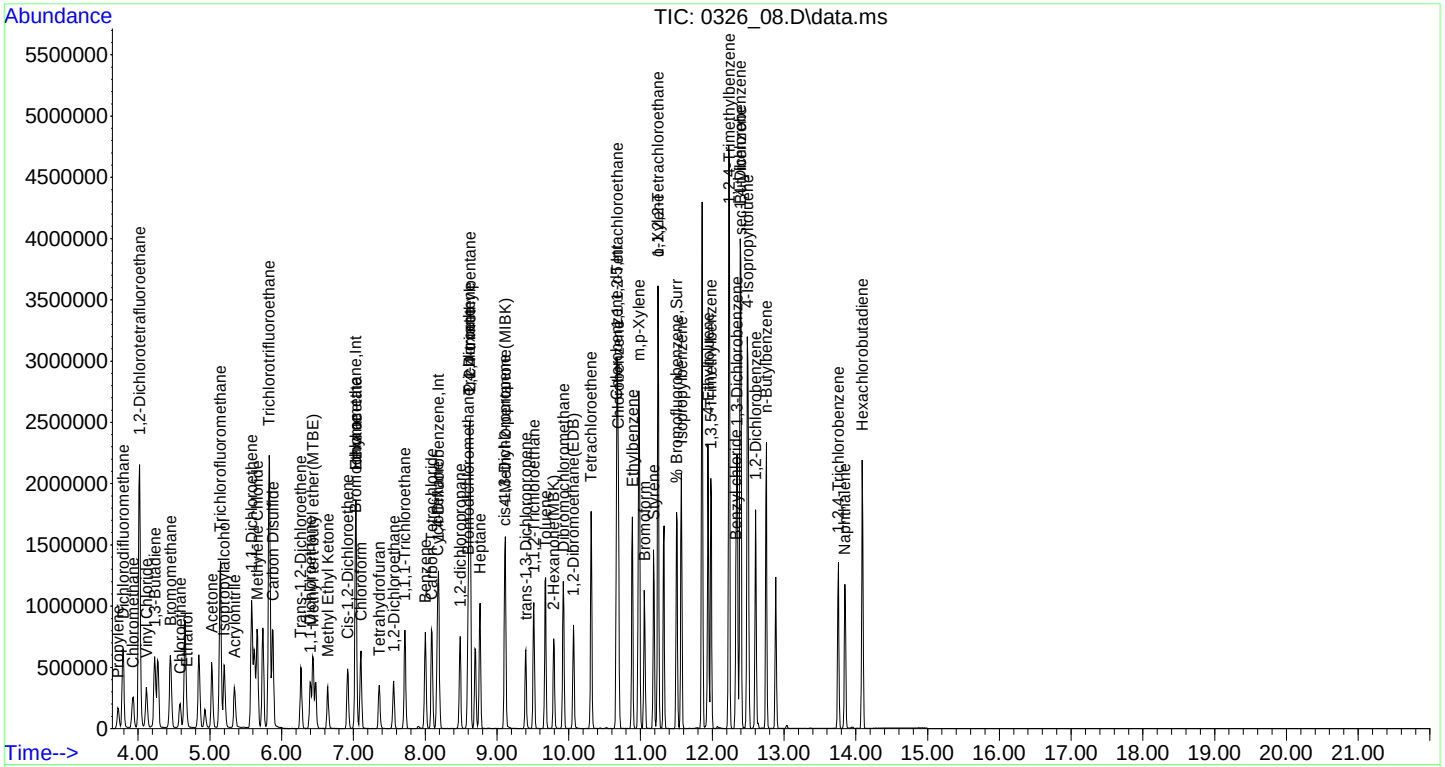
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.392	105	1646868	9.124	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	1256736	8.543	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	698828	7.977	ppbv	94
113] n-Butylbenzene(sim)	12.754	91	1034529	8.364	ppbv	98
114] 1,2,4-Trichlorobenzene...	13.759	180	406494	5.192	ppbv	99
116] Hexachlorobutadiene(sim)	14.094	225	357040	4.977	ppbv	99

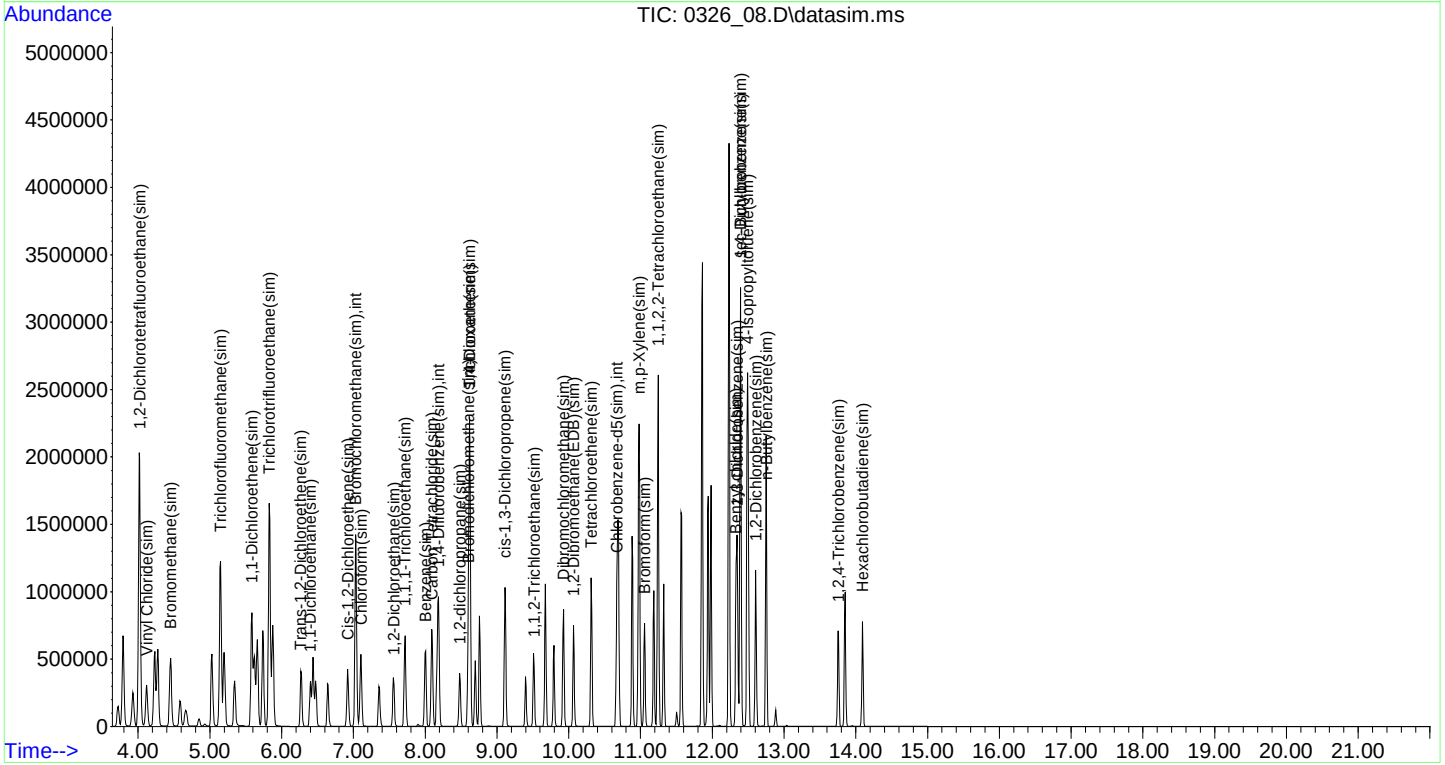
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 4:39 pm
Operator :
Client ID : CS90667 LCS
Lab ID : CS90667 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 08:13:10 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS90667 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 0.5X

Canister: 23326 Lab File ID: 0326_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.398		0.250	0.250	r
74-87-3	Chloromethane	0.455		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	58.5	ES	0.375	0.375	r
67-64-1	Acetone	80.7	ES	0.375	0.375	r
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	23.0	ES	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	1.50	U	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.507		0.225	0.225	r
110-54-3	Hexane	1.67	S	0.225	0.225	r
141-78-6	Ethyl acetate	0.250	U	0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
71-43-2	Benzene	0.916		0.100	0.100	r
110-82-7	Cyclohexane	0.837		0.250	0.250	r
540-84-1	2,2,4-trimethylpentane	4.17		0.107	0.107	
142-82-5	Heptane	17.8		0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.333		0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	9.45		0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.327		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	1.42		0.250	0.250	r
179601-23-1	m,p-Xylene	4.51		0.500	0.500	r
100-42-5	Styrene	0.100	U	0.100	0.100	r
95-47-6	o-Xylene	1.64		0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	1.21		0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.373		0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	1.31		0.250	0.250	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

CS90667 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 0.5X

Canister: 23326 Lab File ID: 0326_11.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
91-20-3	Naphthalene	0.149		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.066		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
67-66-3	Chloroform(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.010	U	0.010	0.010	r
75-27-4	Bromodichloromethane(sim)	0.010	U	0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.025	U	0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.010	U	0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
106-46-7	1,4-Dichlorobenzene(sim)	0.040	U	0.040	0.040	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_11.D
Acq On : 26 Mar 2025 6:23 pm
Operator :
Client ID : CS90667 QC 0.5X
Lab ID : CS90667 QC 0.5X
ALS Vial : 3 Sample Multiplier: 1

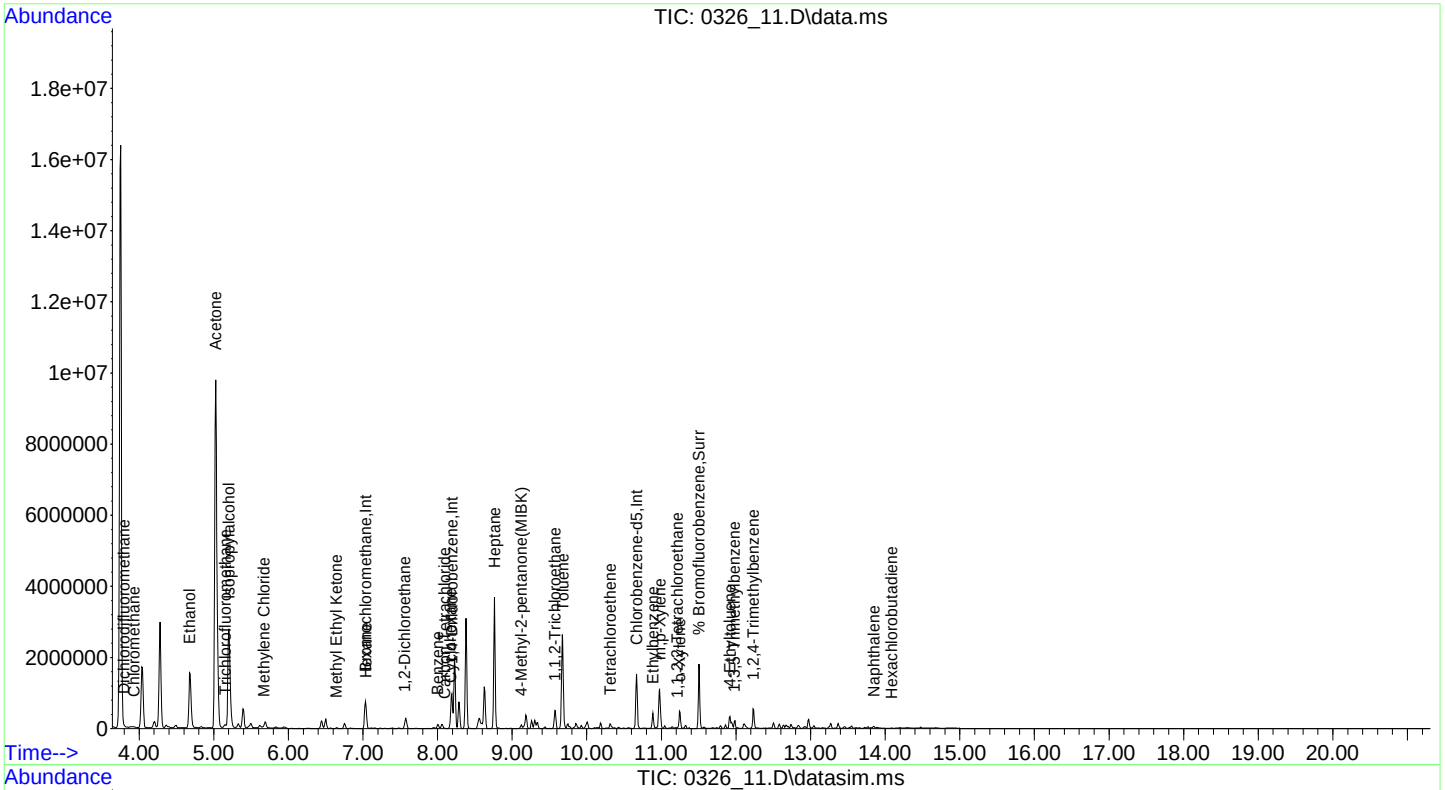
Quant Time: Mar 26 21:26:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

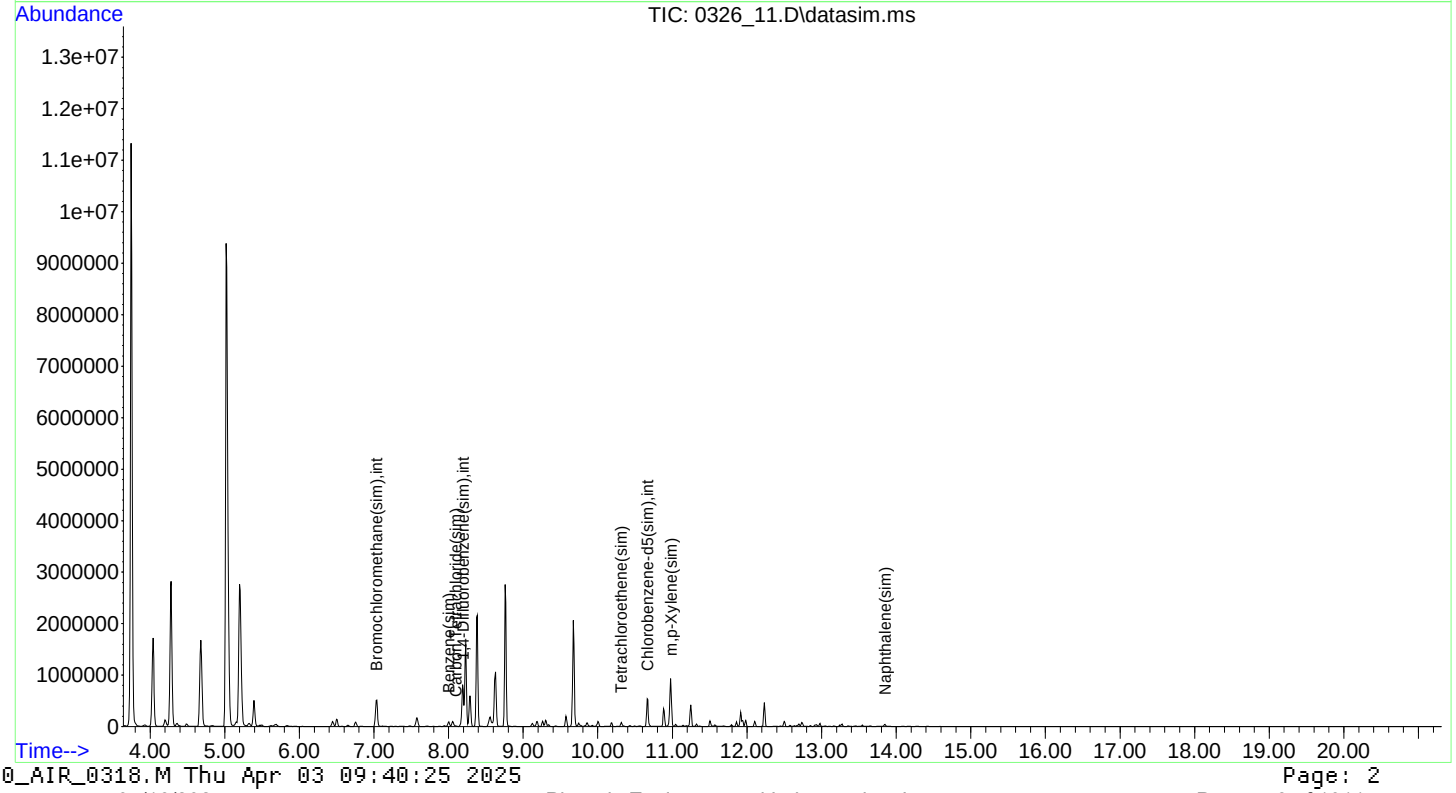
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	185548	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	671785	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	341617	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	210782	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	671785	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	341821	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	430991	11.462	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.60%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.792	85	45544	0.795	ppbv		98
4) Chloromethane	3.930	50	28224	0.909	ppbv		96
11) Ethanol	4.676	45	1951279	117.075	ppbv#		40
12) Acetone	5.025	43	11940439	161.498	ppbv#		79
13) Trichlorofluoromethane	5.155	101	69915	0.458	ppbv		97
14) Isopropylalcohol	5.204	45	3685059	46.044	ppbv#		94
17) Methylene Chloride	5.670	49	16178	0.307	ppbv#		76
25) Methyl Ethyl Ketone	6.643	43	31824	1.013	ppbv#		92
27) Hexane	7.042	57	73918	3.346	ppbv		92
31) 1,2-Dichloroethane	7.561	62	1747	0.079	ppbv#		67
33) Benzene	8.002	78	85520	1.832	ppbv		96
34) Carbon Tetrachloride	8.097	117	4946	0.124	ppbv		96
35) Cyclohexane	8.175	84	32906	1.674	ppbv		89
43) Heptane	8.763	43	1101852	35.506	ppbv#		99
45) 4-Methyl-2-pentanone(M...	9.121	43	31769	0.665	ppbv#		87
47) 1,1,2-Trichloroethane	9.572	97	1606	0.065	ppbv#		1
48) Toluene	9.677	91	1324425	18.896	ppbv		97
52) Tetrachloroethene	10.311	166	27363	0.654	ppbv		95
56) Ethylbenzene	10.887	91	235337	2.838	ppbv		84
57) m,p-Xylene	10.978	91	580637	9.019	ppbv		100
60) 1,1,2,2-Tetrachloroethane	11.213	83	813	0.014	ppbv#		1
61) o-Xylene	11.243	91	231806	3.276	ppbv#		87
65) 4-Ethyltoluene	11.919	105	239421	2.412	ppbv		91
66) 1,3,5-Trimethylbenzene	11.979	105	59759	0.746	ppbv#		90
67) 1,2,4-Trimethylbenzene	12.230	105	250459	2.616	ppbv#		85
76) Naphthalene	13.848	128	33110	0.298	ppbv#		95
77) Hexachlorobutadiene	14.083	225	832	0.017	ppbv#		75
85] Benzene(sim)	8.002	78	85520	1.610	ppbv		96
86] Carbon Tetrachloride(sim)	8.100	117	5582	0.131	ppbv		98
102] Tetrachloroethene(sim)	10.314	166	32738	0.774	ppbv		93
105] m,p-Xylene(sim)	10.978	91	581063	8.423	ppbv#		87
115] Naphthalene(sim)	13.848	128	33110	0.236	ppbv		100

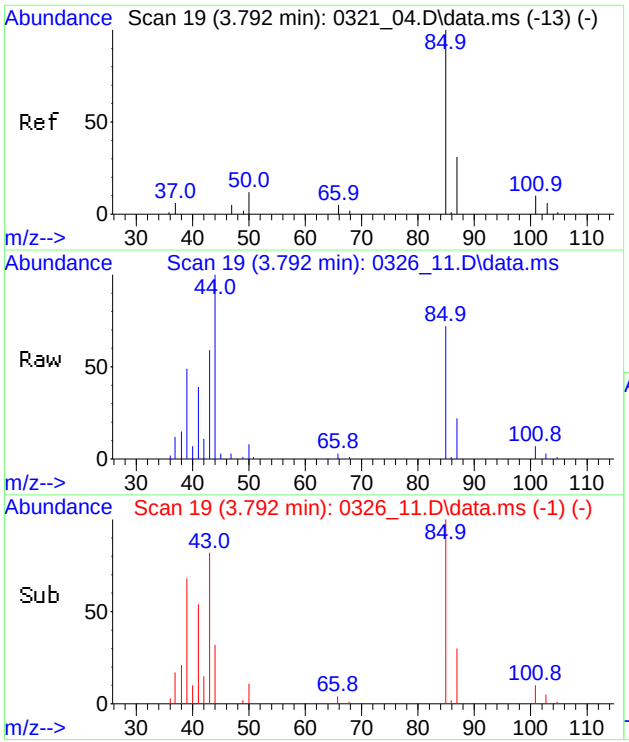
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_11.D
Acq On : 26 Mar 2025 6:23 pm
Operator :
Client ID : CS90667 QC 0.5X
Lab ID : CS90667 QC 0.5X
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 21:26:12 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



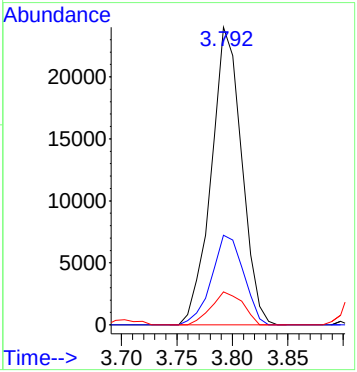


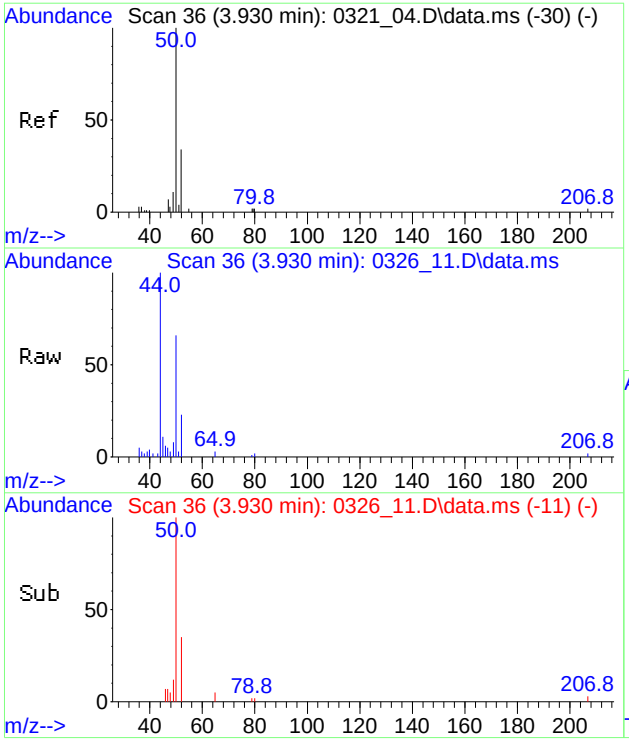


#3
Dichlorodifluoromethane
Conc: 8$ 0.795 ppbv
RT: 3.792 min Scan# 19
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 85 Resp: 45544

Ion	Ratio	Lower	Upper
85	100		
87	31.7	25.8	38.8
50	11.5	10.6	15.8

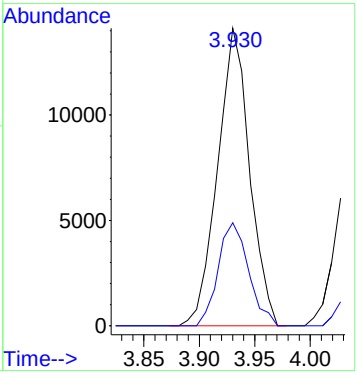


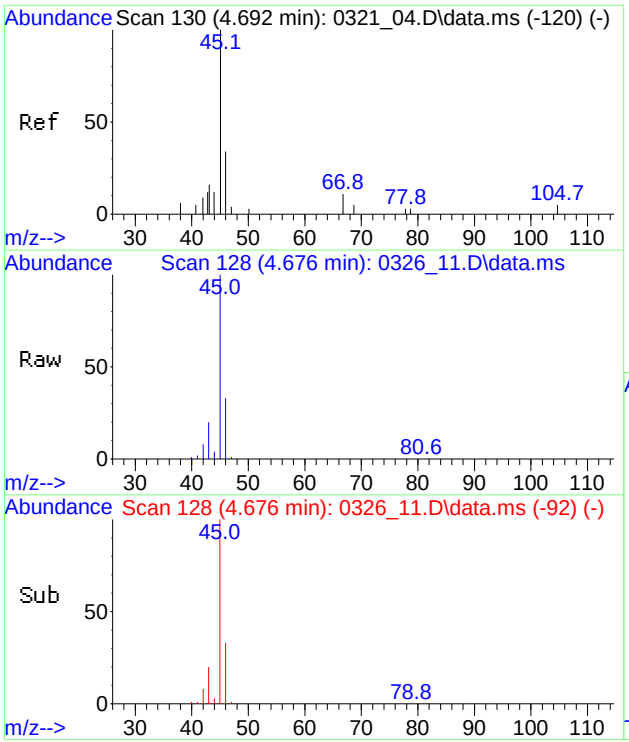


#4
Chloromethane
Conc: 8$ 0.909 ppbv
RT: 3.930 min Scan# 36
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 50 Resp: 28224

Ion	Ratio	Lower	Upper
50	100		
52	32.9	15.5	55.5

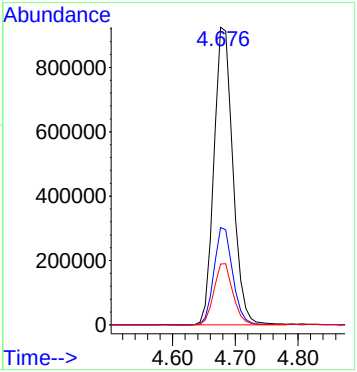


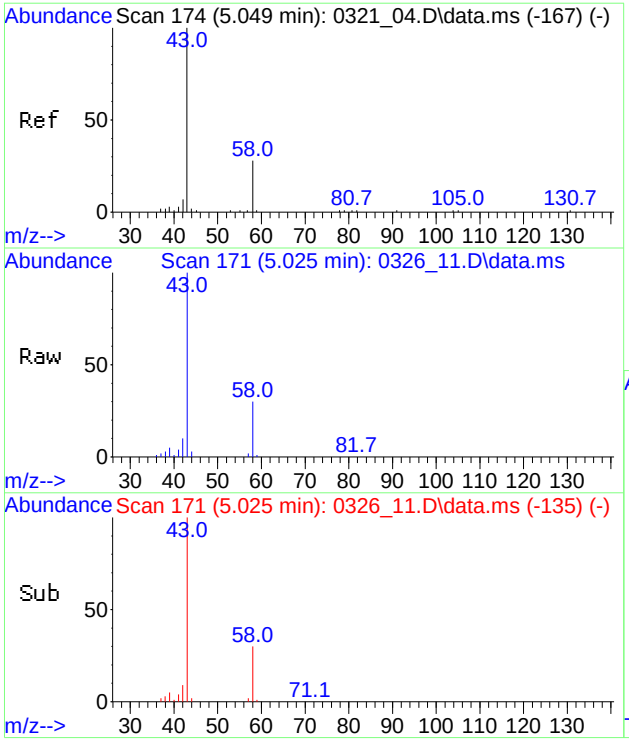


#11
Ethanol
Conc: 8$ 117.075 ppbv
RT: 4.676 min Scan# 128
Delta R.T. -0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 45 Resp: 1951279

Ion	Ratio	Lower	Upper
45	100		
46	32.5	0.6	0.8#
43	20.6	0.0	0.0#

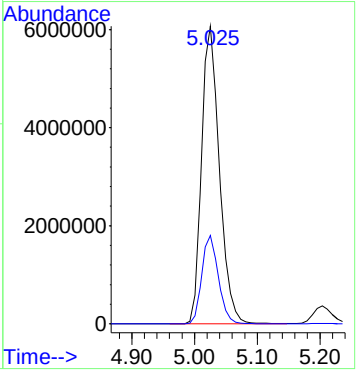


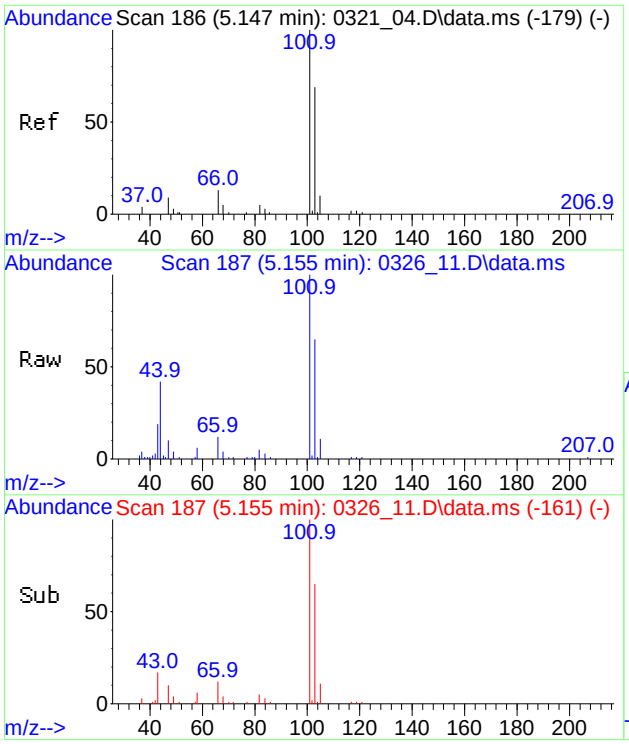


#12
Acetone
Conc: 8$ 161.498 ppbv
RT: 5.025 min Scan# 171
Delta R.T. -0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 43 Resp:11940439

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.2	0.2#

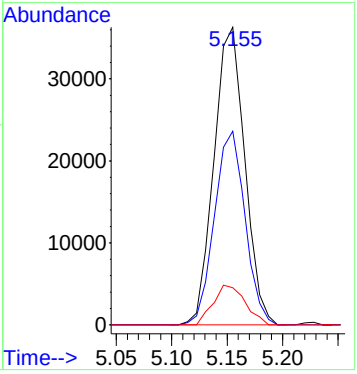


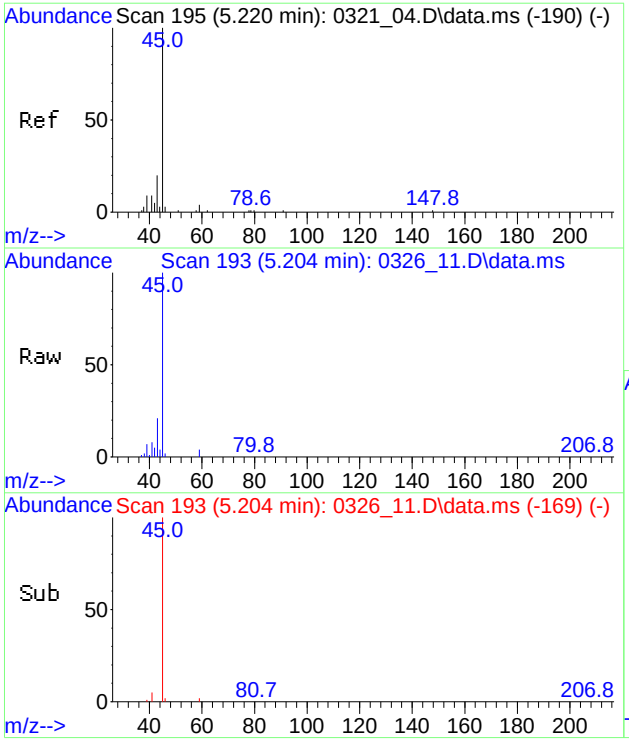


#13
Trichlorofluoromethane
Conc: 8$ 0.458 ppbv
RT: 5.155 min Scan# 187
Delta R.T. 0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:101 Resp: 69915

Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.8	74.8
66	13.8	12.1	18.1

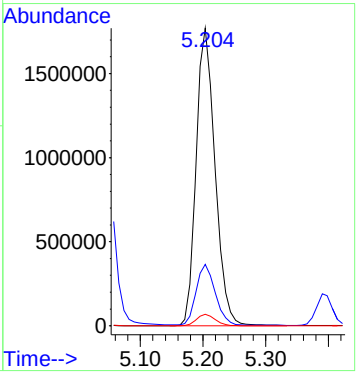


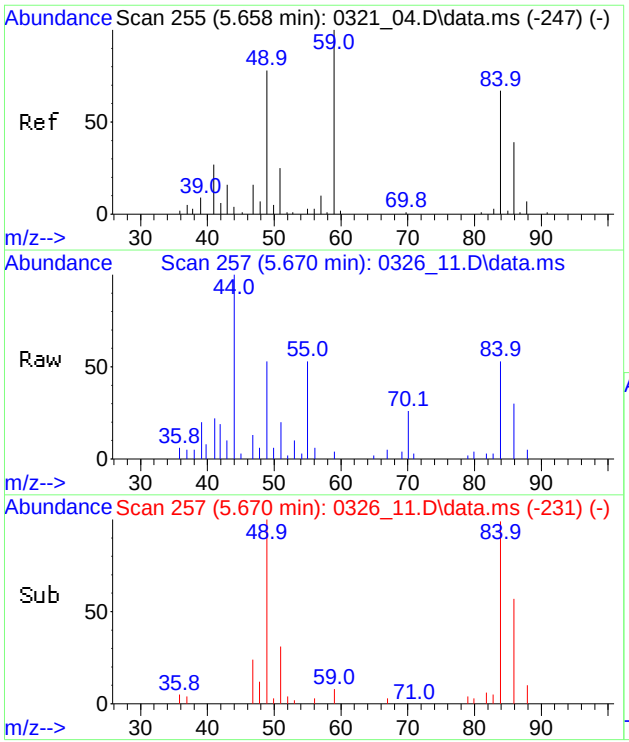


#14
Isopropylalcohol
Conc: 8$ 46.044 ppbv
RT: 5.204 min Scan# 193
Delta R.T. -0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 45 Resp: 3685059

Ion	Ratio	Lower	Upper
45	100		
43	20.6	0.0	0.0#
59	3.8	0.6	1.0#

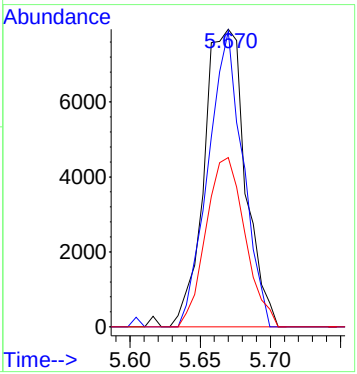


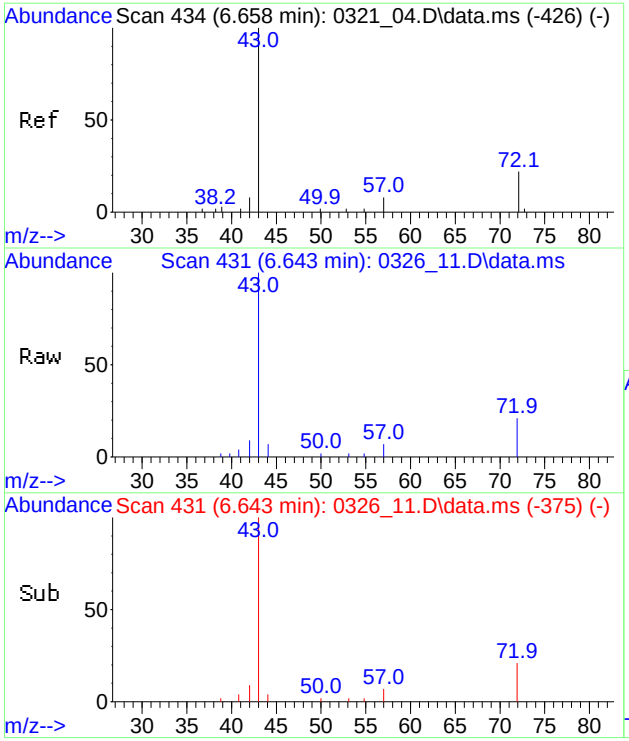


#17
Methylene Chloride
Conc: 8$ 0.307 ppbv
RT: 5.670 min Scan# 257
Delta R.T. 0.006 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 49 Resp: 16178

Ion	Ratio	Lower	Upper
49	100		
84	84.0	50.1	75.1#
86	54.1	33.8	50.8#

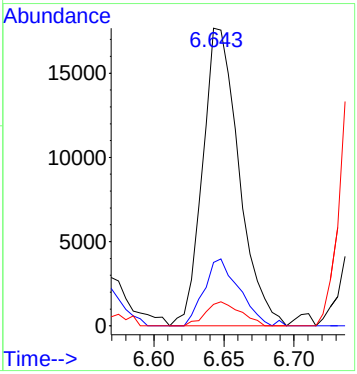


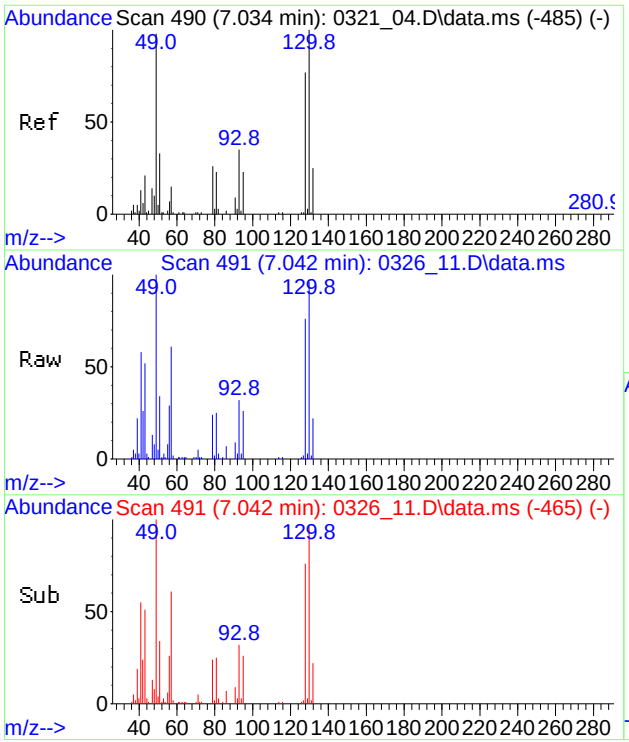


#25
Methyl Ethyl Ketone
Conc: 8$ 1.013 ppbv
RT: 6.643 min Scan# 431
Delta R.T. -0.005 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 43 Resp: 31824

Ion	Ratio	Lower	Upper
43	100		
72	21.5	0.0	0.0#
57	7.7	0.2	0.4#

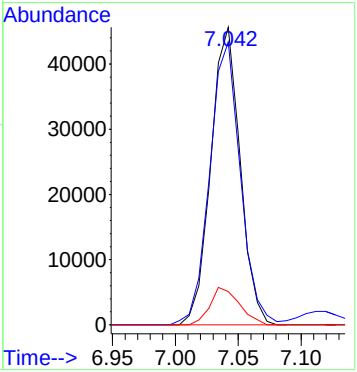


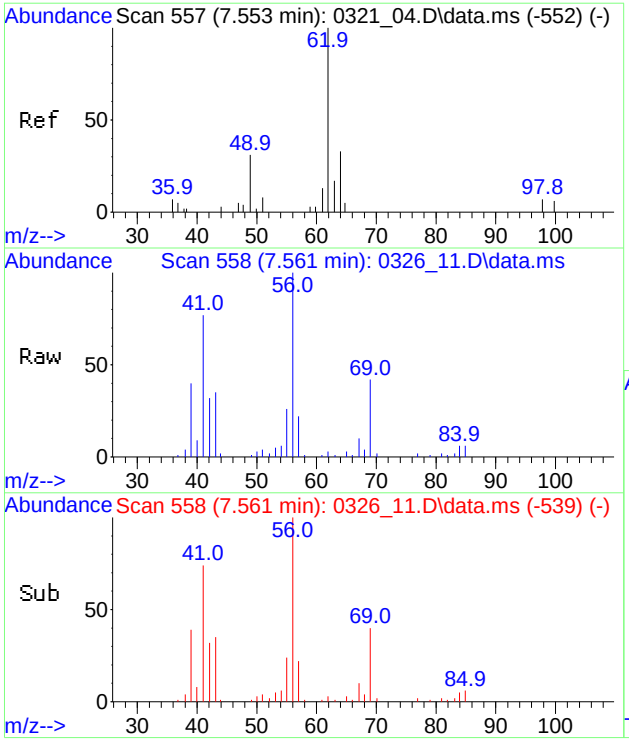


#27
Hexane
Conc: 8$ 3.346 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 57 Resp: 73918

Ion	Ratio	Lower	Upper
57	100		
41	99.6	73.0	109.6
86	12.6	9.8	14.8

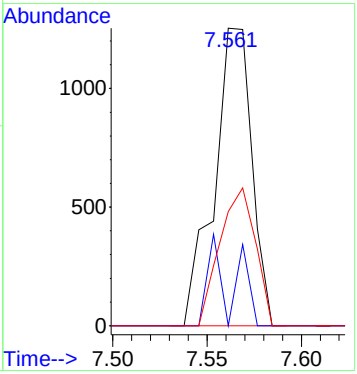


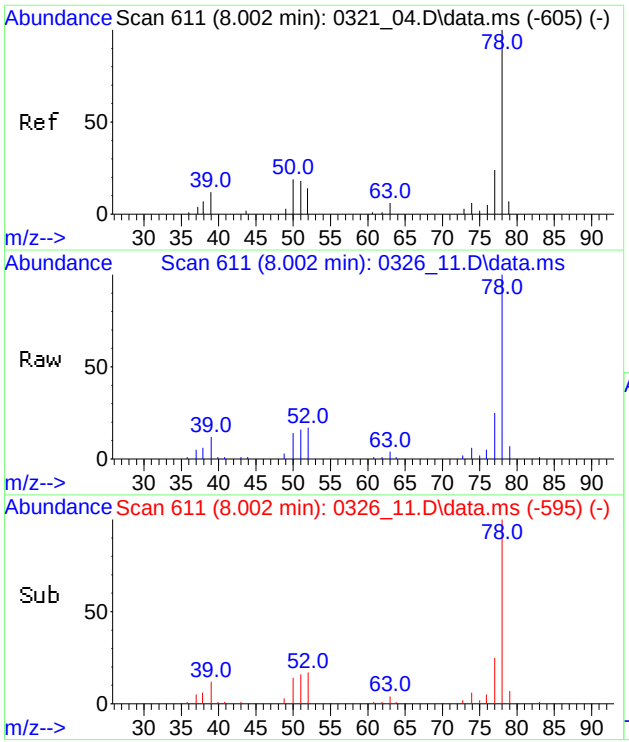


#31
1,2-Dichloroethane
Conc: 8$ Below Cal
RT: 7.561 min Scan# 558
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 62 Resp: 1747

Ion	Ratio	Lower	Upper
62	100		
64	19.3	30.6	46.0#
49	43.7	20.6	30.8#

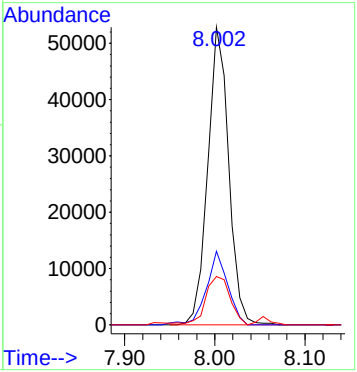


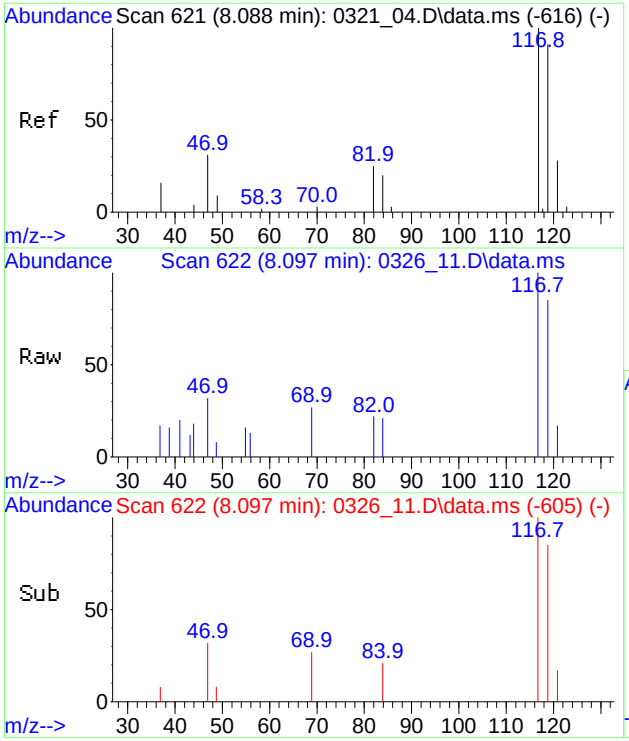


#33
Benzene
Conc: 8$ 1.832 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 78 Resp: 85520

Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.4	26.0
51	19.2	15.8	23.6

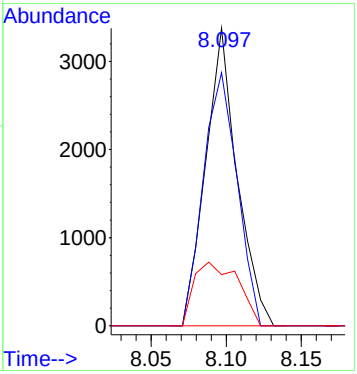


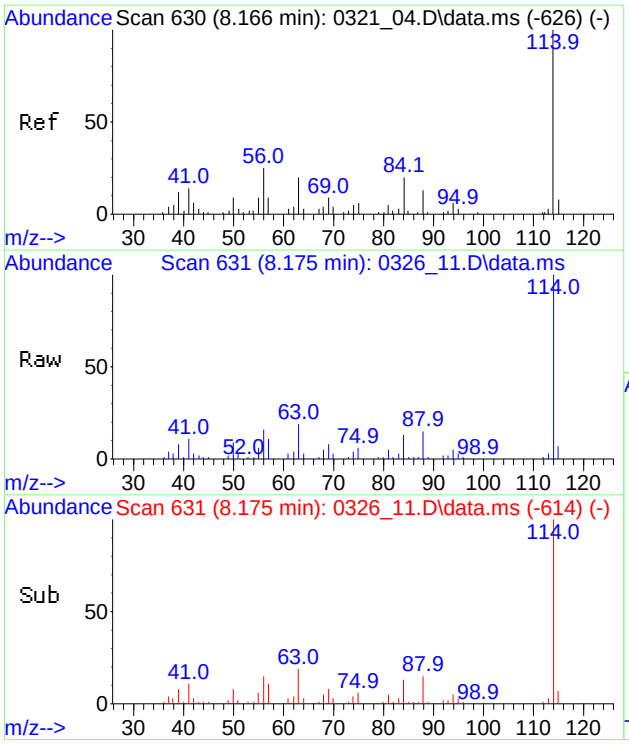


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:117 Resp: 4946

Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.9	114.9
121	29.7	11.2	51.2

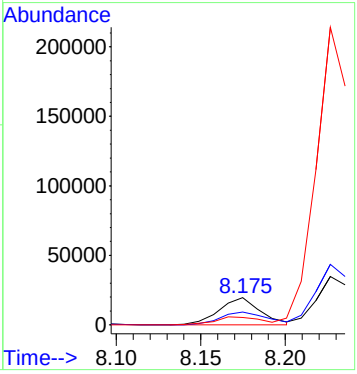


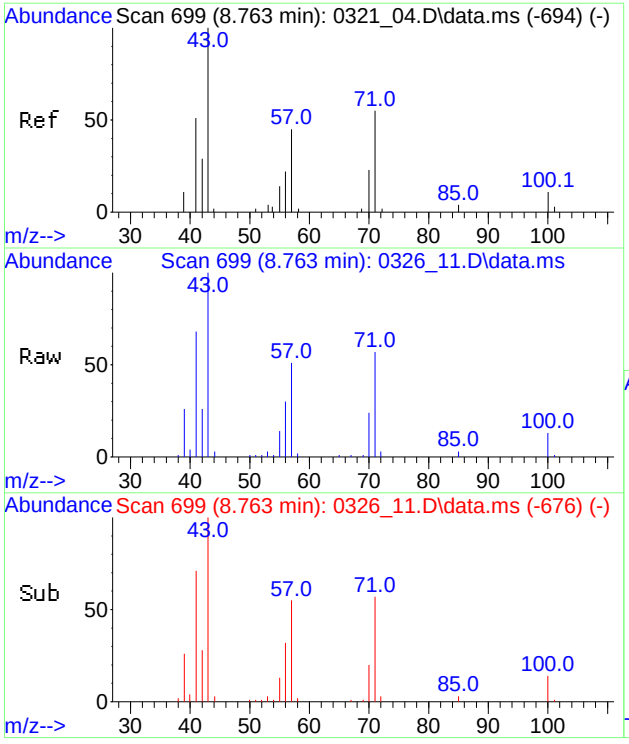


#35
Cyclohexane
Conc: 8$ 1.674 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 84 Resp: 32906

Ion	Ratio	Lower	Upper
84	100		
55	54.4	52.4	78.6
42	33.3	29.8	44.6

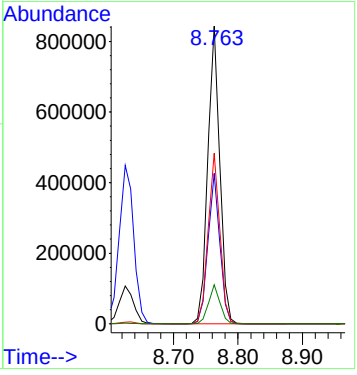


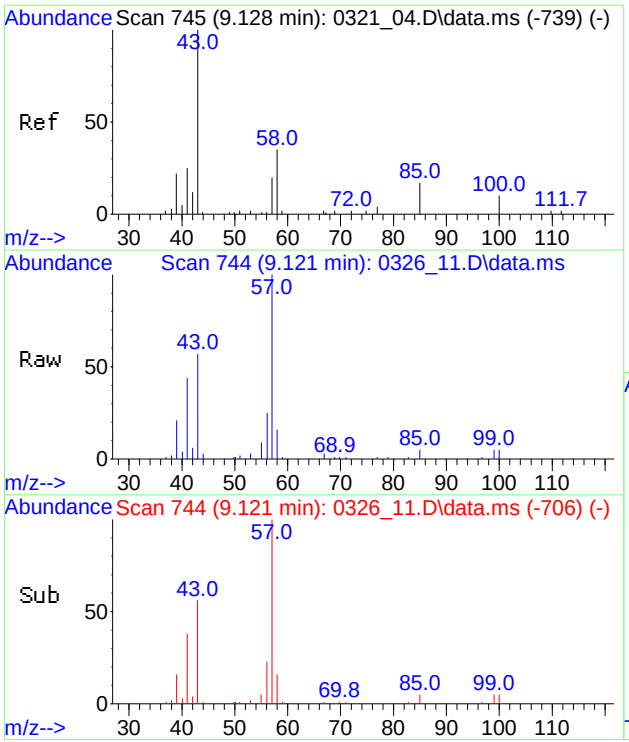


#43
Heptane
Conc: 8$ 35.506 ppbv
RT: 8.763 min Scan# 699
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 43 Resp: 1101852

Ion	Ratio	Lower	Upper
43	100		
57	49.8	39.4	59.0
71	56.2	44.5	66.7
100	12.6	8.2	12.2#

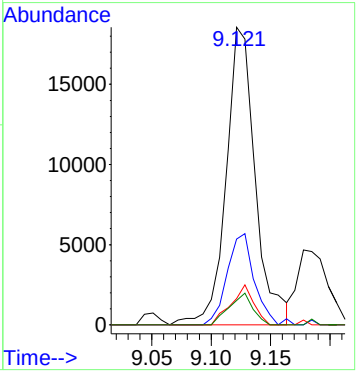


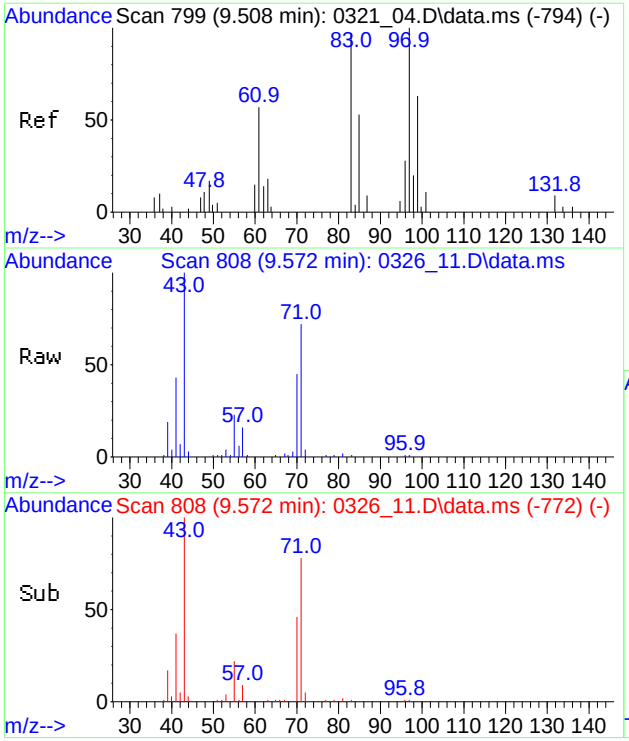


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.665 ppbv
RT: 9.121 min Scan# 744
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 43 Resp: 31769

Ion	Ratio	Lower	Upper
43	100		
58	28.7	28.6	43.0
85	10.5	15.4	23.0#
100	8.5	7.4	11.0

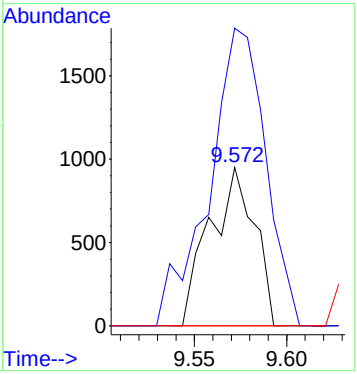


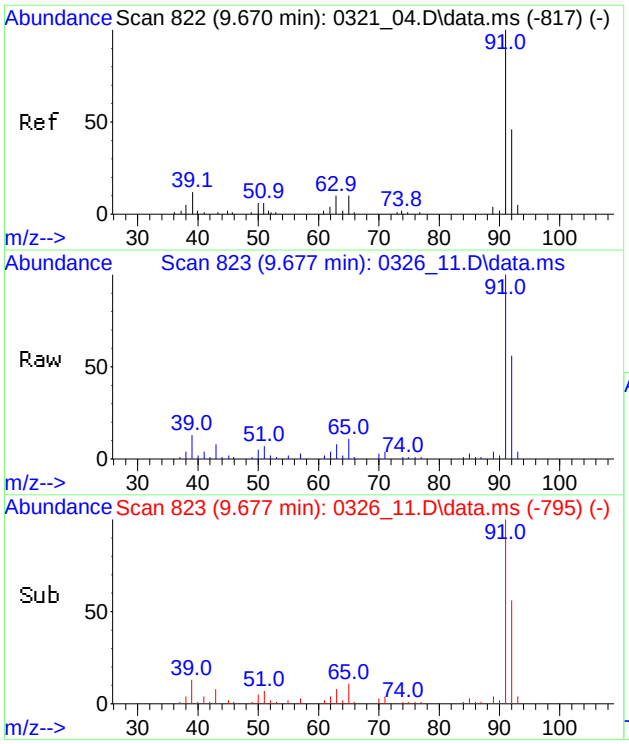


#47
1,1,2-Trichloroethane
Conc: 8$ Below Cal
RT: 9.572 min Scan# 808
Delta R.T. 0.057 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 97 Resp: 1606

Ion	Ratio	Lower	Upper
97	100		
83	236.9	73.7	110.5#
85	0.0	45.8	68.6#

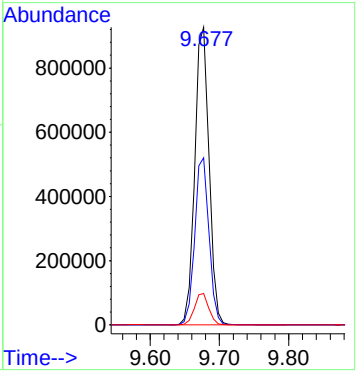


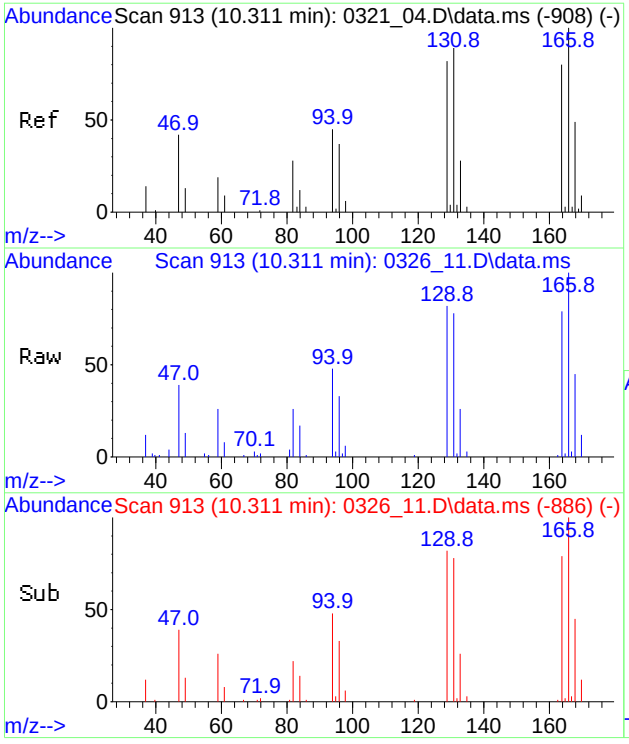


#48
Toluene
Conc: 8$ 18.896 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 91 Resp: 1324425

Ion	Ratio	Lower	Upper
91	100		
92	55.9	43.8	65.8
65	10.7	10.6	16.0

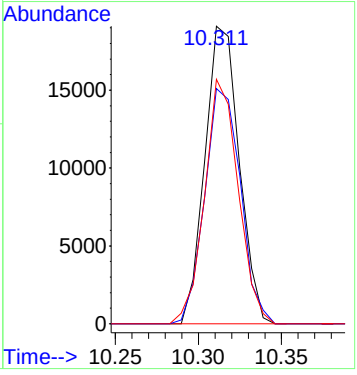


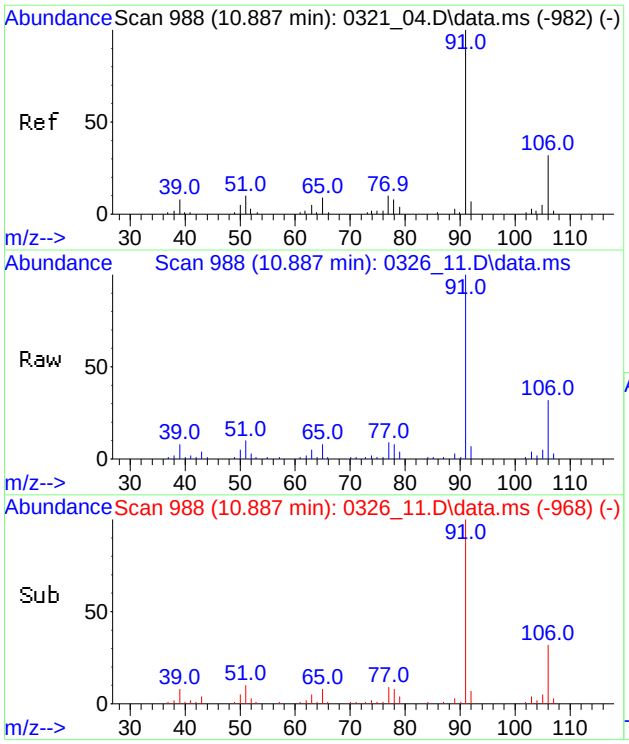


#52
Tetrachloroethene
Conc: 8$ 0.654 ppbv
RT: 10.311 min Scan# 913
Delta R.T. -0.007 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:166 Resp: 27363

Ion	Ratio	Lower	Upper
166	100		
164	82.5	63.4	95.2
129	80.6	68.4	102.6

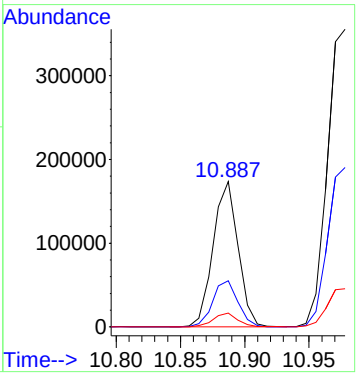


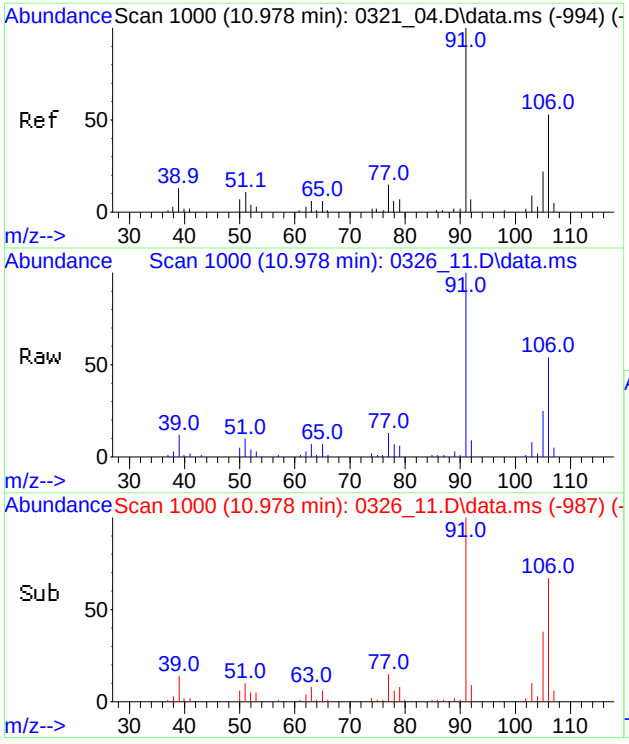


#56
Ethylbenzene
Conc: 8$ 2.838 ppbv
RT: 10.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 91 Resp: 235337

Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.0	64.0
77	9.3	0.0	33.4

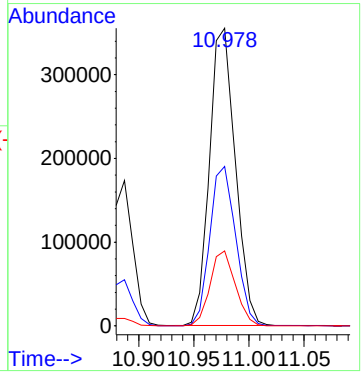


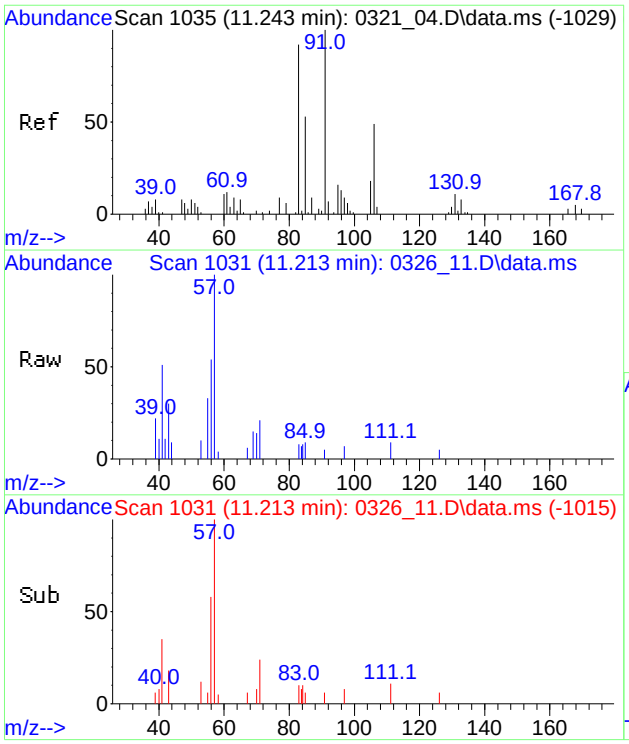


#57
m,p-Xylene
Conc: 8$ 9.019 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 91 Resp: 580637

Ion	Ratio	Lower	Upper
91	100		
106	53.7	0.0	0.0#
105	24.7	0.0	0.0#

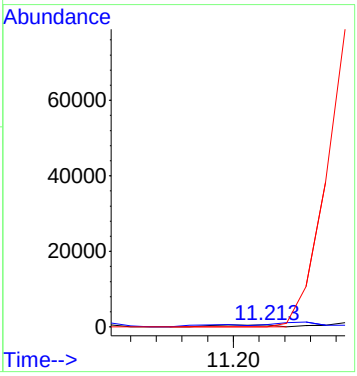


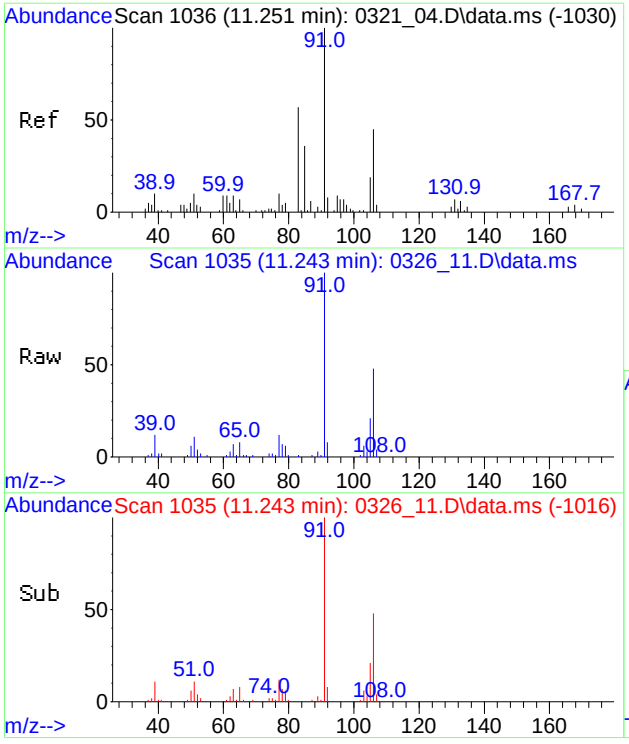


#60
1,1,2,2-Tetrachloroethane
Conc: 8$ Below Cal
RT: 11.213 min Scan# 1031
Delta R.T. -0.030 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 83 Resp: 813

Ion	Ratio	Lower	Upper
83	100		
85	375.6	55.7	83.5#
106	13714.0	49.4	74.0#

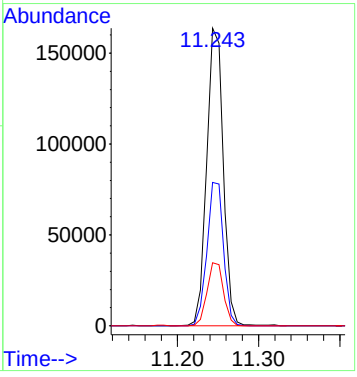


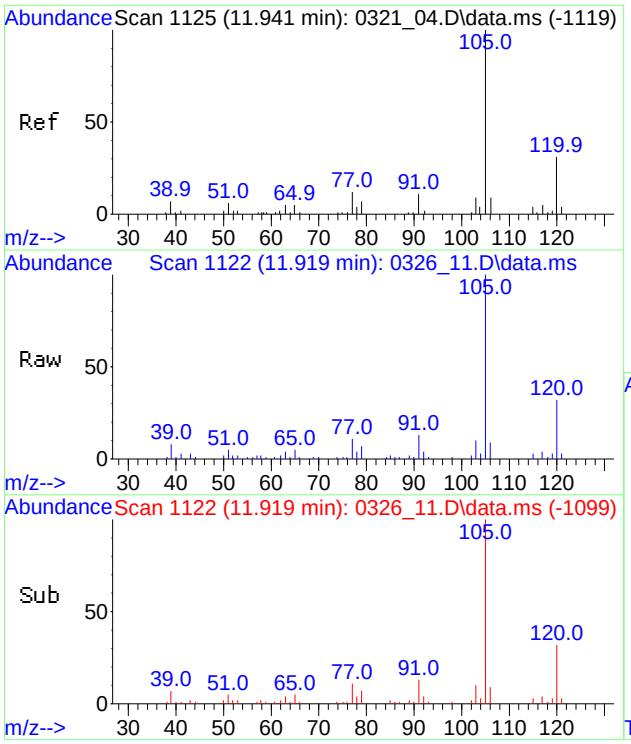


#61
o-Xylene
Conc: 8$ 3.276 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 91 Resp: 231806

Ion	Ratio	Lower	Upper
91	100		
106	48.1	31.7	47.5#
105	21.0	13.4	20.0#

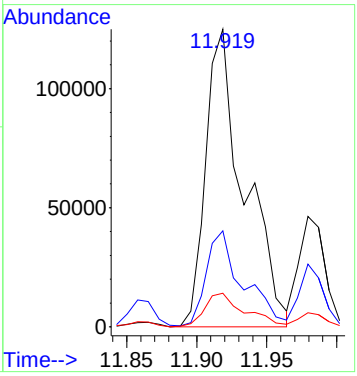


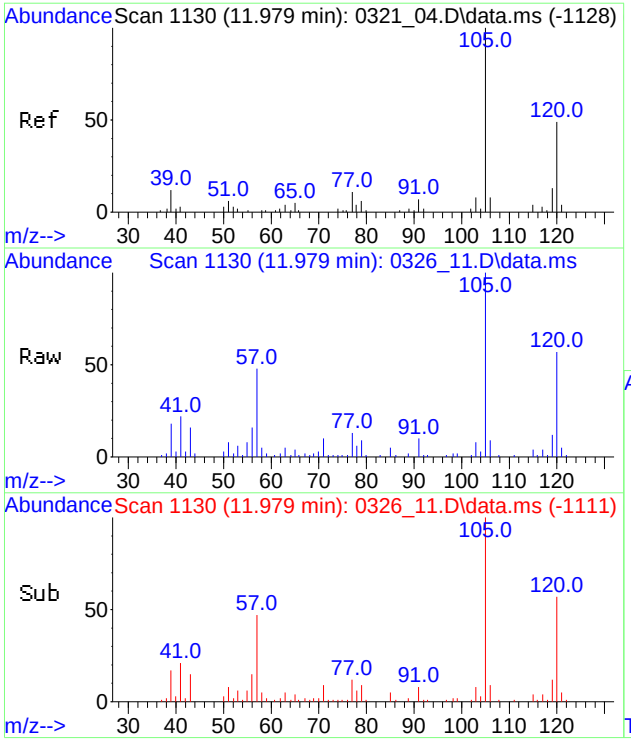


#65
4-Ethyltoluene
Conc: 8$ 2.412 ppbv
RT: 11.919 min Scan# 1122
Delta R.T. -0.022 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:105 Resp: 239421

Ion	Ratio	Lower	Upper
105	100		
120	31.0	30.2	45.4
77	11.8	10.5	15.7

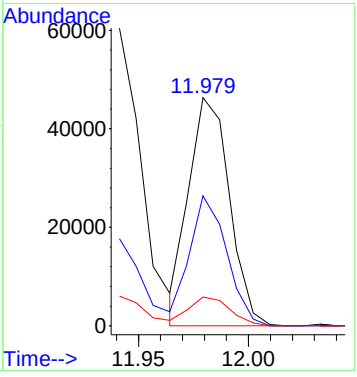


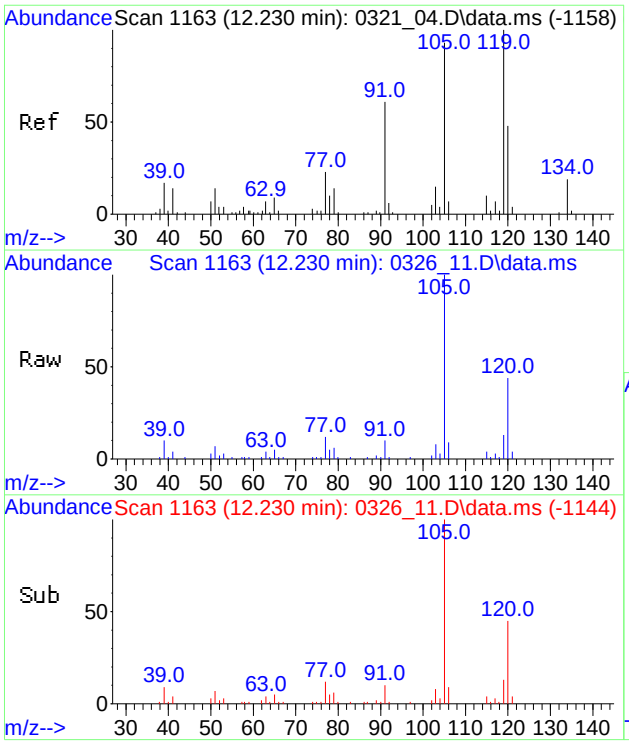


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.746 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:105 Resp: 59759

Ion	Ratio	Lower	Upper
105	100		
120	51.8	0.0	0.0#
77	12.9	0.2	0.2#

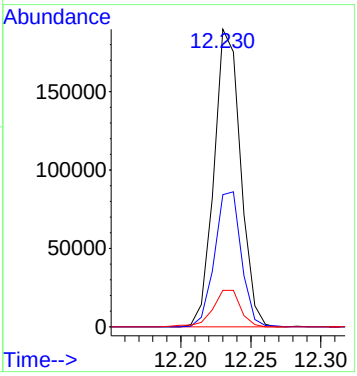


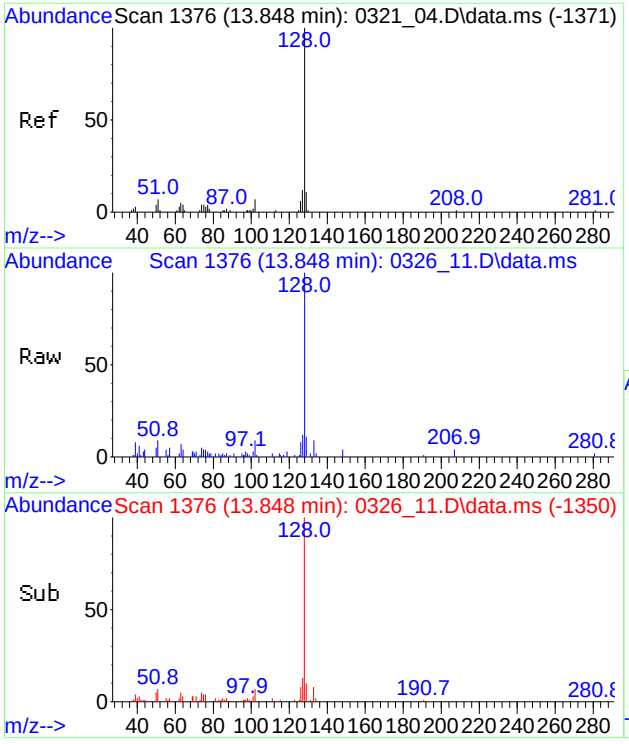


#67
1,2,4-Trimethylbenzene
Conc: 8$ 2.616 ppbv
RT: 12.230 min Scan# 1163
Delta R.T. -0.007 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:105 Resp: 250459

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.4	59.2
77	13.0	23.9	35.9#

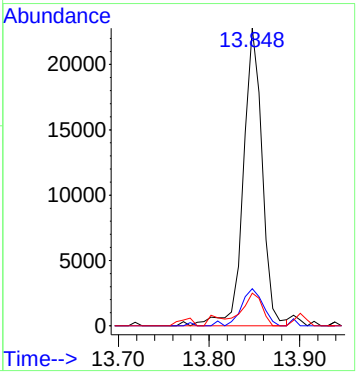


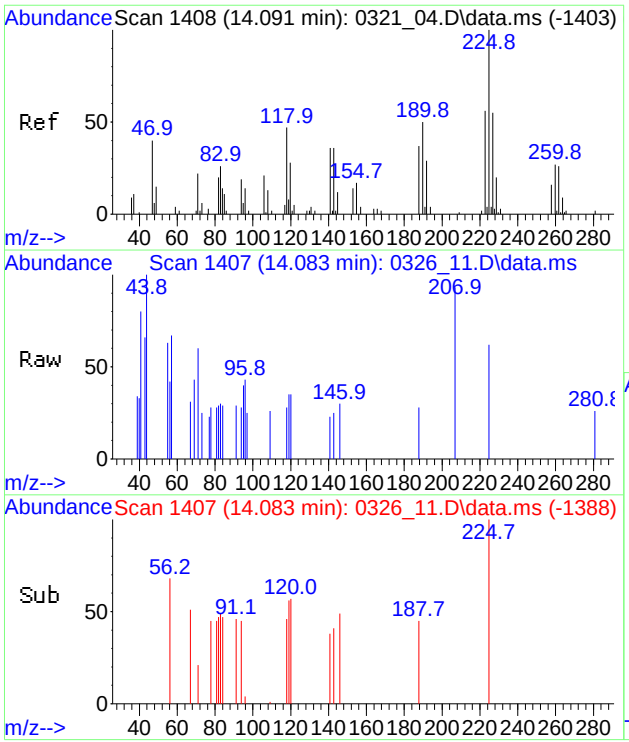


#76
Naphthalene
Conc: 8$ 0.298 ppbv
RT: 13.848 min Scan# 1376
Delta R.T. 0.001 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:128 Resp: 33110

Ion	Ratio	Lower	Upper
128	100		
127	14.3	0.0	0.0#
129	11.4	0.1	0.1#

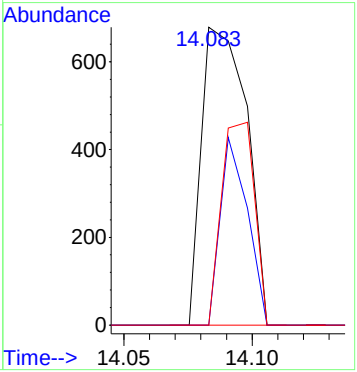


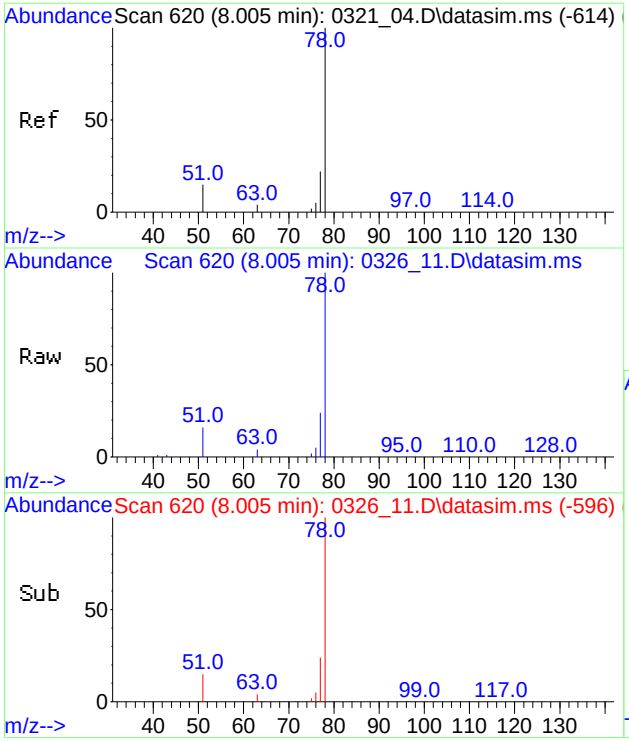


#77
Hexachlorobutadiene
Conc: 8$ Below Cal
RT: 14.083 min Scan# 1407
Delta R.T. -0.007 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:225 Resp: 832

Ion	Ratio	Lower	Upper
225	100		
223	38.0	38.7	90.3#
227	49.9	37.6	87.8

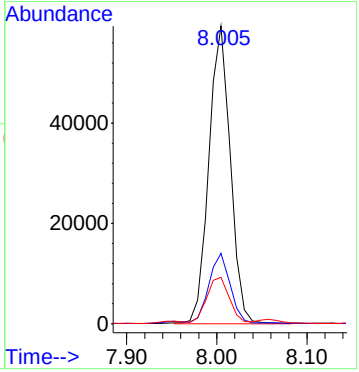


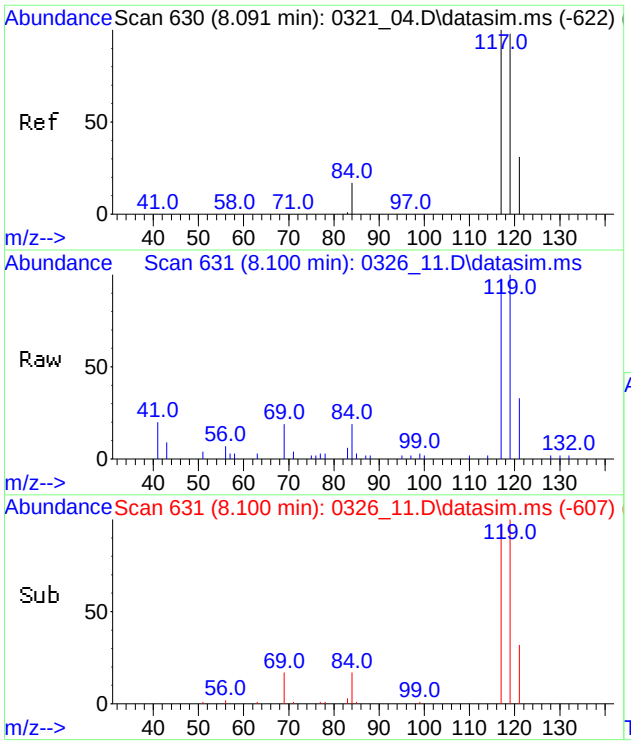


#85
Benzene(sim)
Conc: 8$ 1.610 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 78 Resp: 85520

Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.4	26.0
51	19.2	15.8	23.6

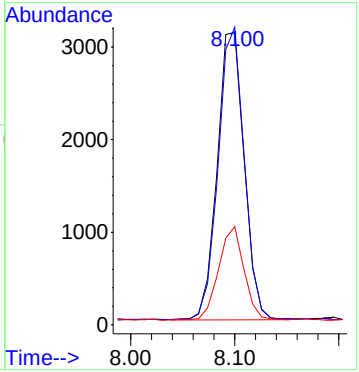


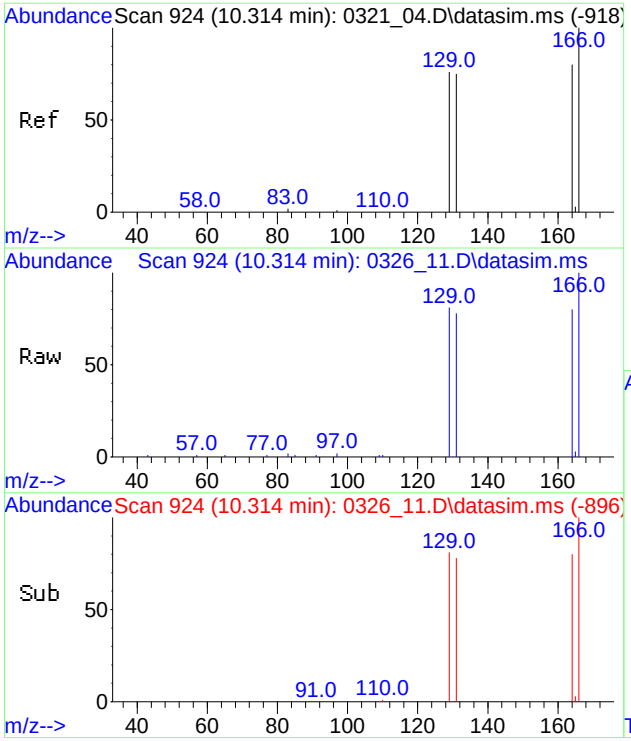


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.131 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:117 Resp: 5582

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	115.0
121	31.1	24.2	36.4

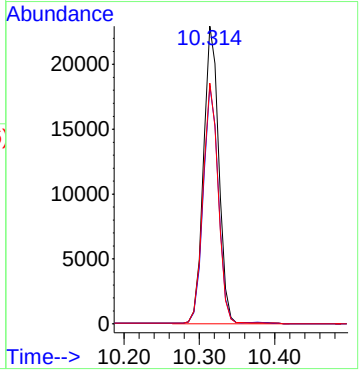


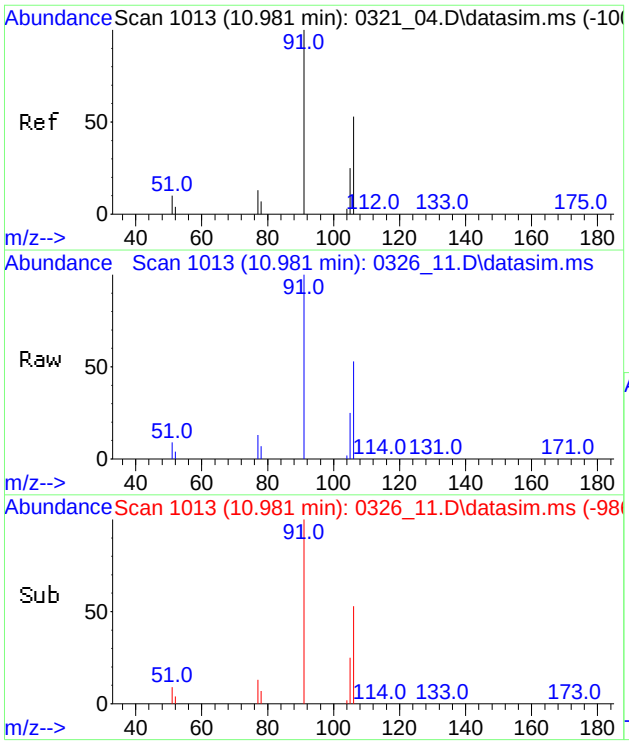


#102
Tetrachloroethene(sim)
Conc: 8$ 0.774 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:166 Resp: 32738

Ion	Ratio	Lower	Upper
166	100		
164	77.8	54.6	94.6
129	80.1	52.2	92.2

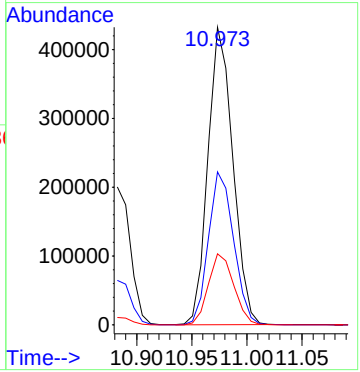


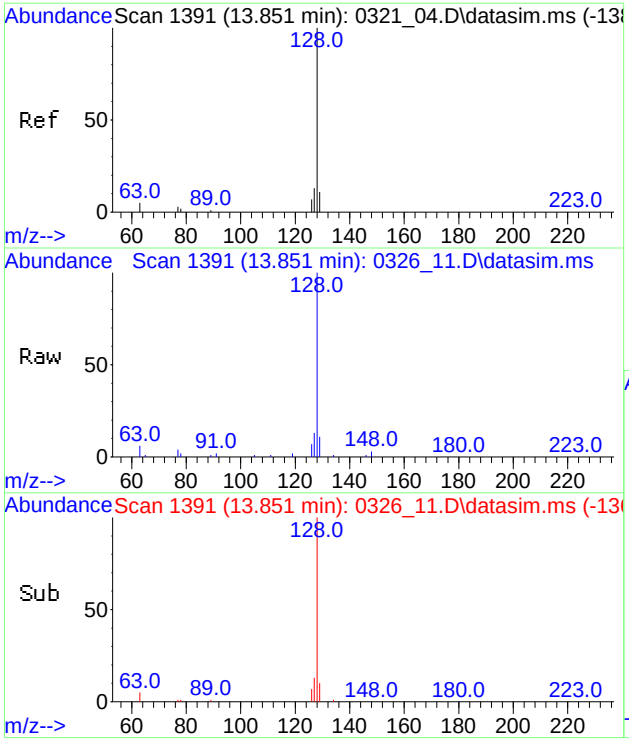


#105
m,p-Xylene(sim)
Conc: 8$ 8.423 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. 0.000 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion: 91 Resp: 581063

Ion	Ratio	Lower	Upper
91	100		
106	53.6	39.6	48.4#
105	24.6	16.6	24.8

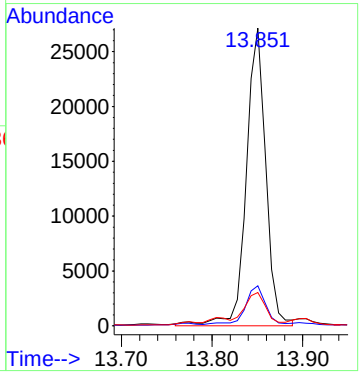




#115
Naphthalene(sim)
Conc: 8$ 0.236 ppbv
RT: 13.848 min Scan# 1391
Delta R.T. 0.001 min
Lab File: 0326_11.D
Acq: 26 Mar 2025 6:23 pm

Tgt Ion:128 Resp: 33110

Ion	Ratio	Lower	Upper
128	100		
127	14.3	0.0	0.0#
129	11.4	0.0	0.0#



CLIENT ID

AIR ANALYSIS DATA SHEET

CS90667 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 BL

Canister: BL Lab File ID: 0326_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.250	U	0.250	0.250	r
74-87-3	Chloromethane	0.250	U	0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	0.375	U	0.375	0.375	r
67-64-1	Acetone	0.375	U	0.375	0.375	r
67-63-0	Isopropylalcohol	0.375	U	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	1.50	U	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.225	U	0.225	0.225	r
110-54-3	Hexane	0.225	U	0.225	0.225	r
141-78-6	Ethyl acetate	0.250	U	0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
110-82-7	Cyclohexane	0.250	U	0.250	0.250	r
540-84-1	2,2,4-trimethylpentane	0.100	U	0.100	0.100	r
142-82-5	Heptane	0.250	U	0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.250	U	0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	0.250	U	0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.250	U	0.250	0.250	r
100-42-5	Styrene	0.100	U	0.100	0.100	r
95-47-6	o-Xylene	0.250	U	0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	0.250	U	0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.050	U	0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	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

CS90667 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 BL

Canister: BL Lab File ID: 0326_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.250	U	0.250	0.250	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
71-43-2	Benzene(sim)	0.100	U	0.100	0.100	r
56-23-5	Carbon Tetrachloride(sim)	0.043	U	0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
67-66-3	Chloroform(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.010	U	0.010	0.010	r
75-27-4	Bromodichloromethane(sim)	0.010	U	0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.025	U	0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.010	U	0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
127-18-4	Tetrachloroethene(sim)	0.050	U	0.050	0.050	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
179601-23-1	m,p-Xylene(sim)	0.500	U	0.500	0.500	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
106-46-7	1,4-Dichlorobenzene(sim)	0.040	U	0.040	0.040	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_09.D
Acq On : 26 Mar 2025 5:10 pm
Operator :
Client ID : CS90667 BLANK
Lab ID : CS90667 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 21:24:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

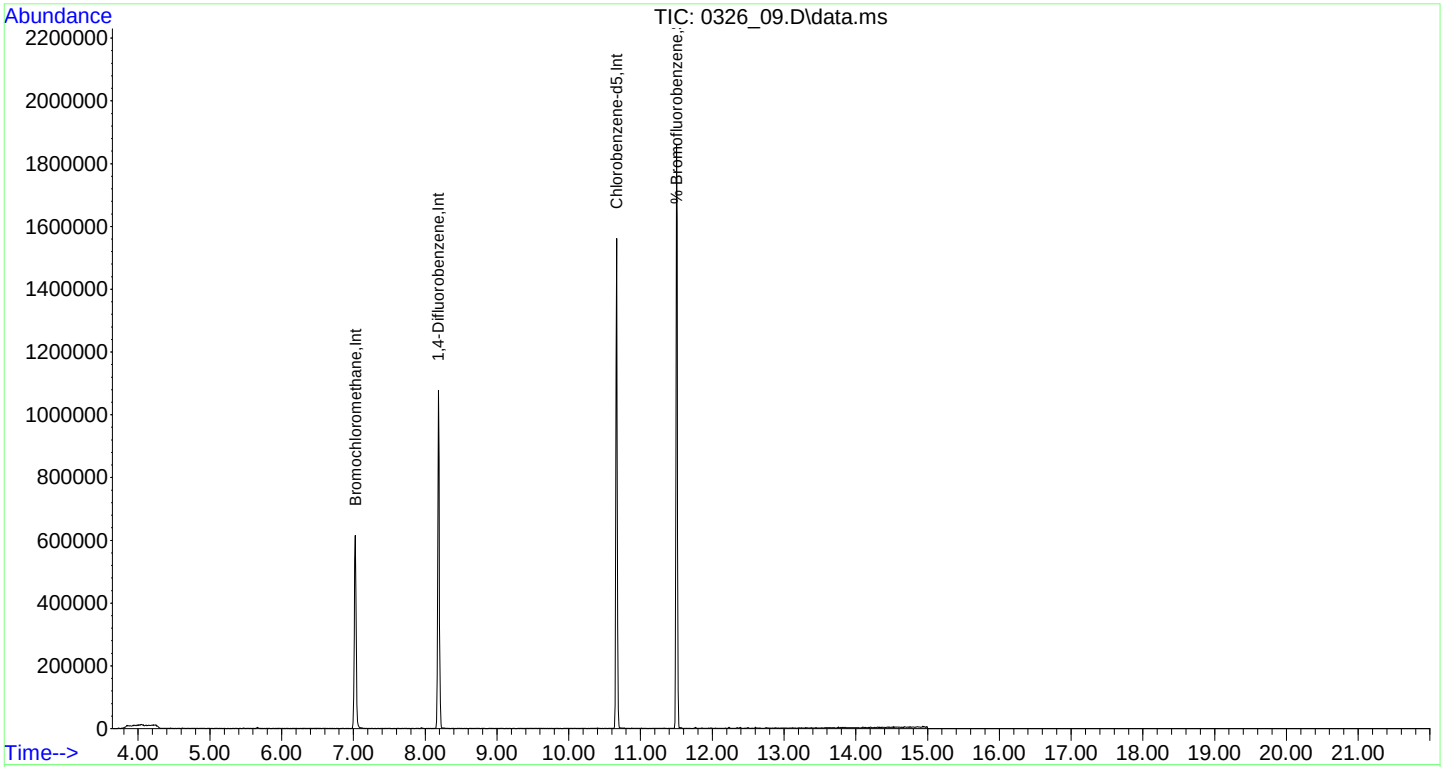
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	209749	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	737032	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	349644	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	233245	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	737197	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	349927	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	432337	11.234	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.30%				
Target Compounds							Qvalue

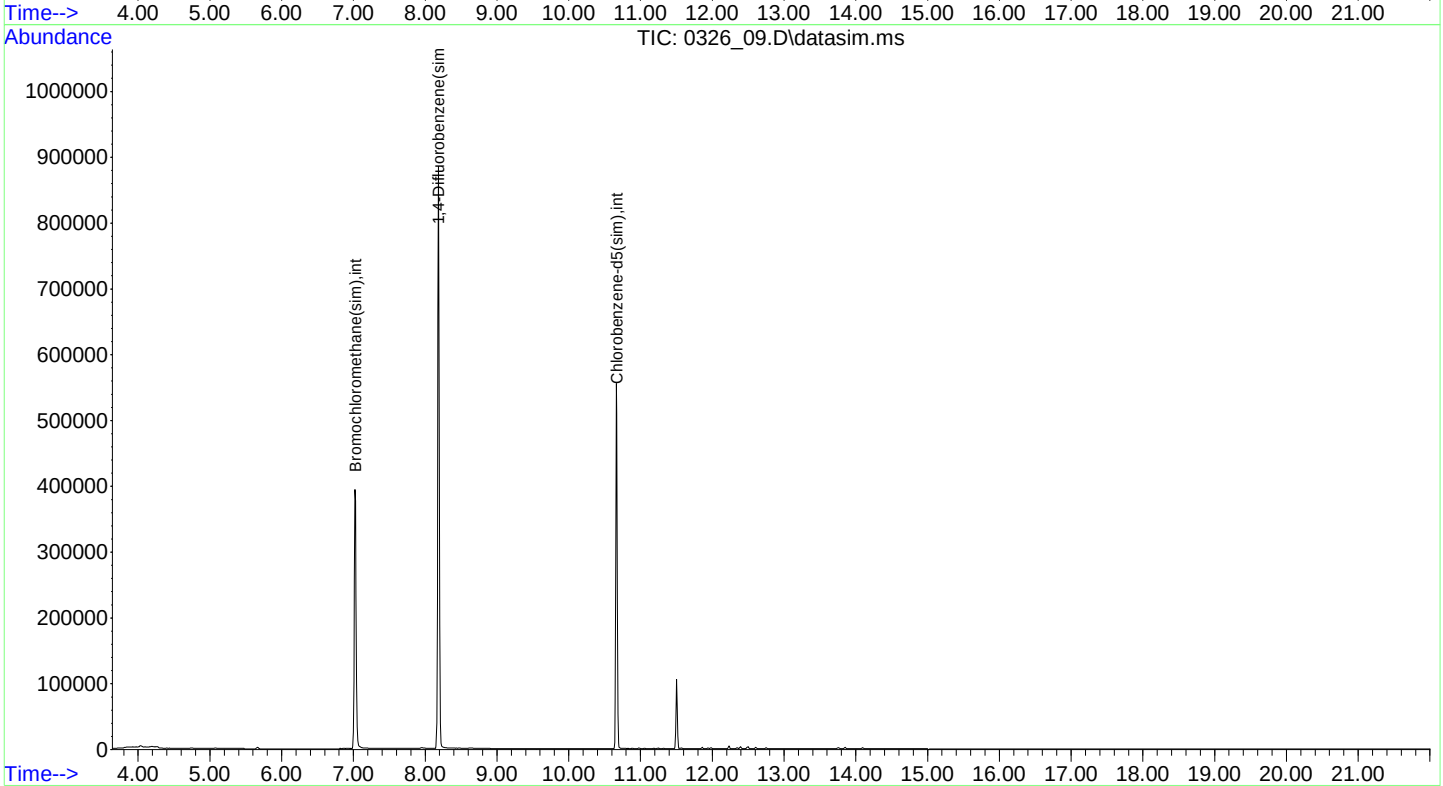
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_09.D
Acq On : 26 Mar 2025 5:10 pm
Operator :
Client ID : CS90667 BLANK
Lab ID : CS90667 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 21:24:55 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: CS90667 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 DUP 0.5X

Canister: 23326 Lab File ID: 0326_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.384		0.250	0.250	r
74-87-3	Chloromethane	0.504		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	60.0	S	0.375	0.375	r
67-64-1	Acetone	82.8	S	0.375	0.375	r
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	23.8	S	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	1.50	U	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.549		0.225	0.225	r
110-54-3	Hexane	1.75	S	0.225	0.225	r
141-78-6	Ethyl acetate	0.250	U	0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
71-43-2	Benzene	0.968		0.100	0.100	r
110-82-7	Cyclohexane	0.884		0.250	0.250	r
540-84-1	2,2,4-trimethylpentane	4.32		0.100	0.100	r
142-82-5	Heptane	18.6		0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.336		0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	9.88		0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.347		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	1.47		0.250	0.250	r
179601-23-1	m,p-Xylene	4.73		0.500	0.500	r
100-42-5	Styrene	0.100	U	0.100	0.100	r
95-47-6	o-Xylene	1.64		0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	1.24		0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.388		0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	1.34		0.250	0.250	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

CS90667 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90667 DUP 0.5X

Canister: 23326 Lab File ID: 0326_12.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
91-20-3	Naphthalene	0.137		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.069		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
67-66-3	Chloroform(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.010	U	0.010	0.010	r
75-27-4	Bromodichloromethane(sim)	0.010	U	0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.025	U	0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.010	U	0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
106-46-7	1,4-Dichlorobenzene(sim)	0.040	U	0.040	0.040	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_12.D
Acq On : 26 Mar 2025 7:02 pm
Operator :
Client ID : CS90667 DUP 0.5X
Lab ID : CS90667 DUP 0.5X
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:27:42 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration

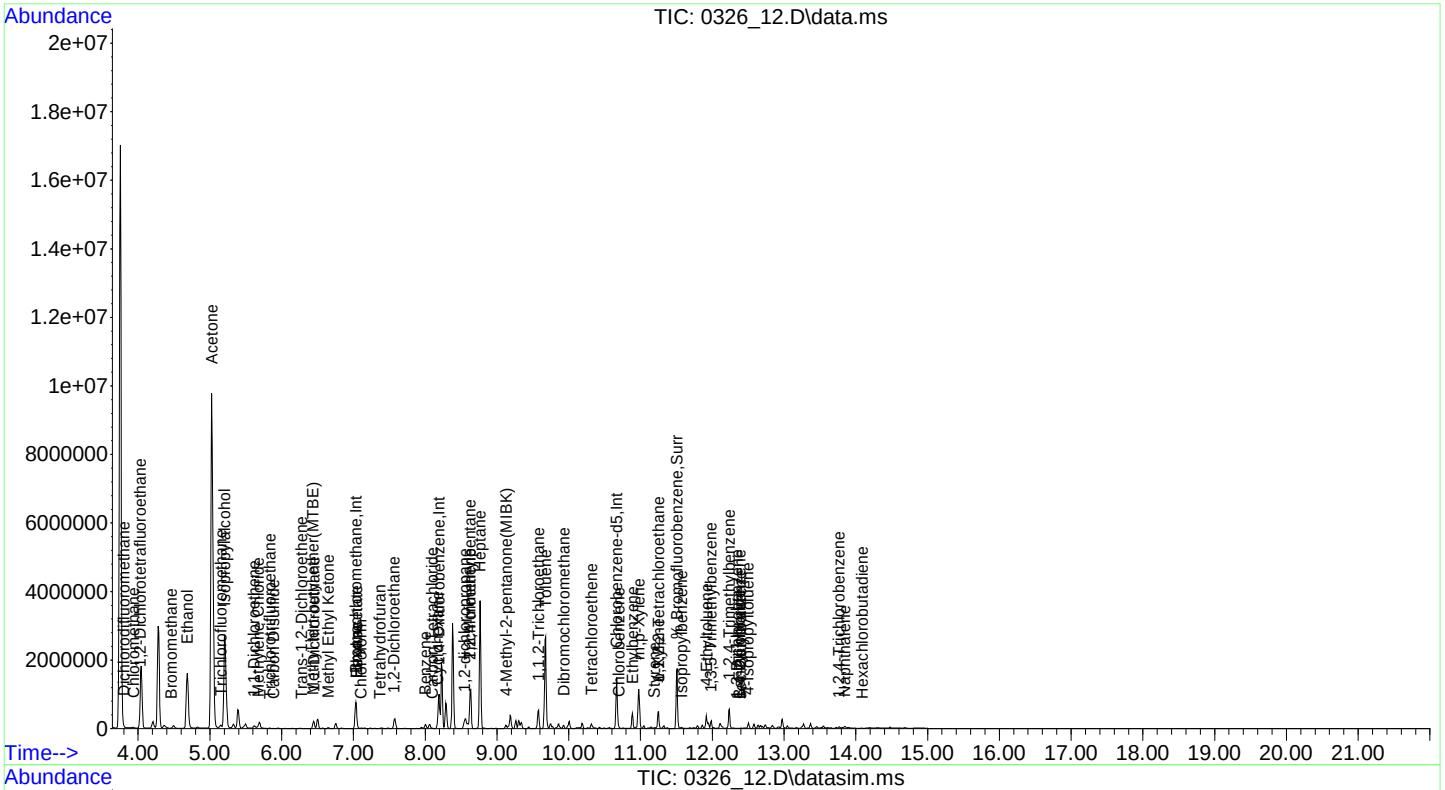
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	182966	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	660385	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	339312	10.000	ng		0.00
78) Bromochloromethane(sim)	7.037	130	208334	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	660385	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	339312	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	417175	11.170	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.70%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.800	85	43313	0.767	ppbv		98
4) Chloromethane	3.938	50	30841	1.007	ppbv		93
11) Ethanol	4.684	45	1972134	119.996	ppbv#		40
12) Acetone	5.025	43	12072603	165.590	ppbv#		79
13) Trichlorofluoromethane	5.155	101	68250	0.453	ppbv		92
14) Isopropylalcohol	5.203	45	3754007	47.567	ppbv#		94
17) Methylene Chloride	5.670	49	16251	0.312	ppbv#		77
25) Methyl Ethyl Ketone	6.648	43	33982	1.097	ppbv#		92
27) Hexane	7.042	57	76383	3.506	ppbv		96
33) Benzene	8.002	78	89122	1.936	ppbv		95
34) Carbon Tetrachloride	8.097	117	4766	0.121	ppbv		97
35) Cyclohexane	8.175	84	34241m	1.767	ppbv#		82
43) Heptane	8.763	43	1134629	37.193	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.128	43	31553	0.672	ppbv#		87
48) Toluene	9.677	91	1361116	19.755	ppbv#		98
52) Tetrachloroethene	10.318	166	28481	0.693	ppbv		95
56) Ethylbenzene	10.887	91	242790	2.948	ppbv		83
57) m,p-Xylene	10.978	91	605409	9.468	ppbv		100
61) o-Xylene	11.251	91	229981	3.272	ppbv#		85
65) 4-Ethyltoluene	11.918	105	244462	2.480	ppbv		92
66) 1,3,5-Trimethylbenzene	11.979	105	61804	0.776	ppbv#		90
67) 1,2,4-Trimethylbenzene	12.237	105	253962	2.670	ppbv#		84
76) Naphthalene	13.847	128	30250	0.274	ppbv#		94
85] Benzene(sim)	8.002	78	89122	1.697	ppbv		95
86] Carbon Tetrachloride(sim)	8.100	117	5753	0.137	ppbv		99
102] Tetrachloroethene(sim)	10.314	166	32765	0.788	ppbv		92
105] m,p-Xylene(sim)	10.978	91	608500	8.885	ppbv#		90

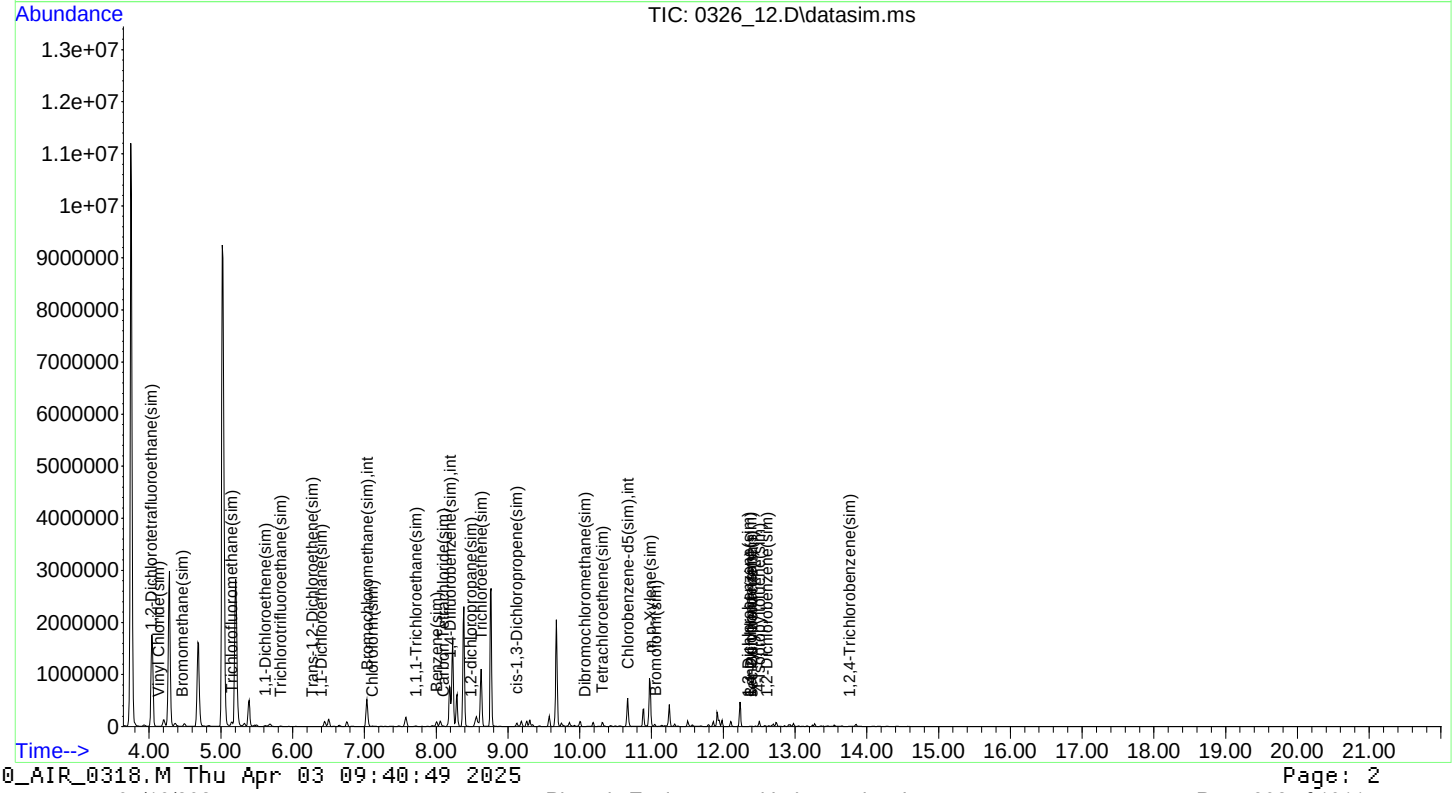
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

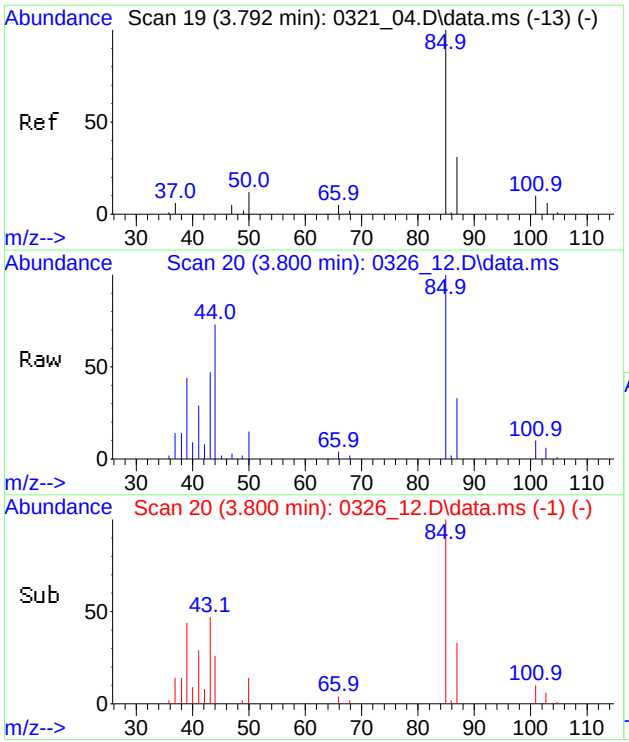
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0326_12.D
Acq On : 26 Mar 2025 7:02 pm
Operator :
Client ID : CS90667 DUP 0.5X
Lab ID : CS90667 DUP 0.5X
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:27:42 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Mar 21 09:40:06 2025
Response via : Initial Calibration



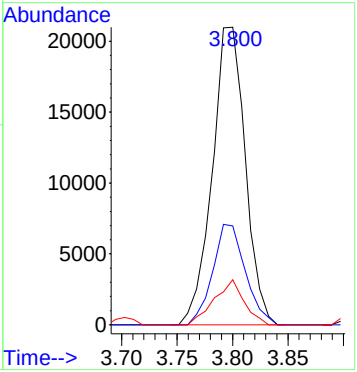


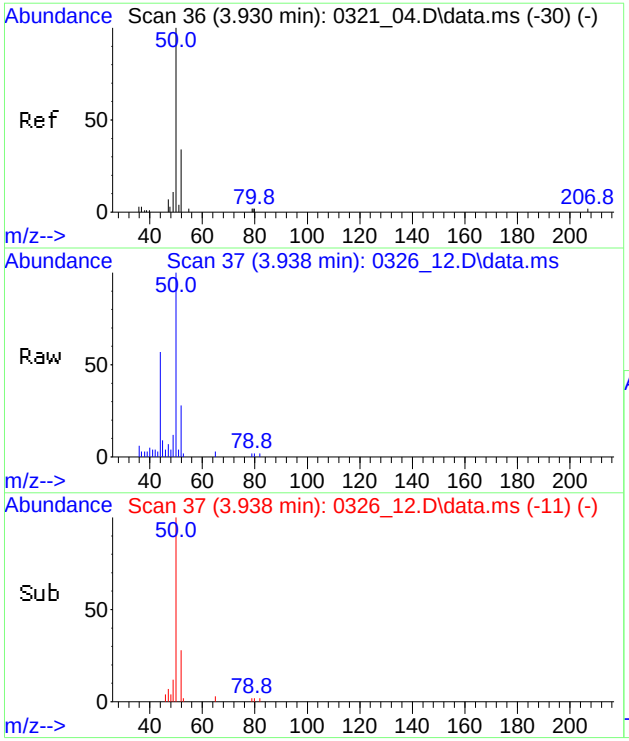


#3
Dichlorodifluoromethane
Conc: 8$ 0.767 ppbv
RT: 3.800 min Scan# 20
Delta R.T. 0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 85 Resp: 43313

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.8	38.8
50	13.8	10.6	15.8

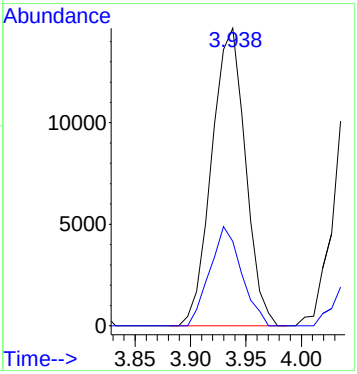


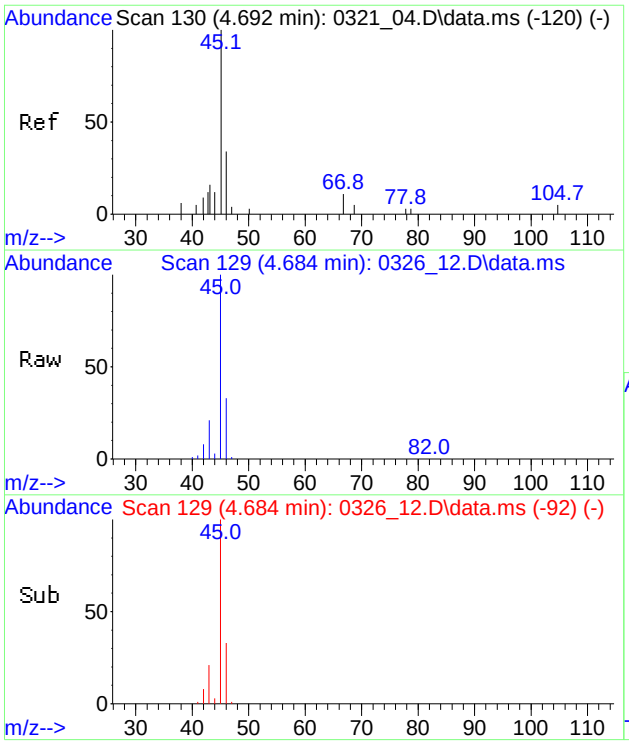


#4
Chloromethane
Conc: 8$ 1.007 ppbv
RT: 3.938 min Scan# 37
Delta R.T. 0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 50 Resp: 30841

Ion	Ratio	Lower	Upper
50	100		
52	31.5	15.5	55.5

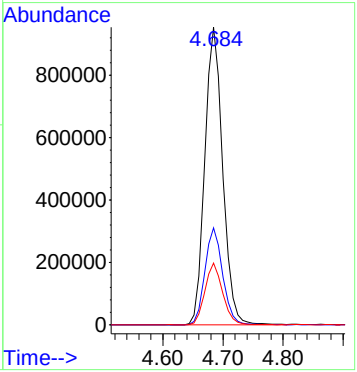


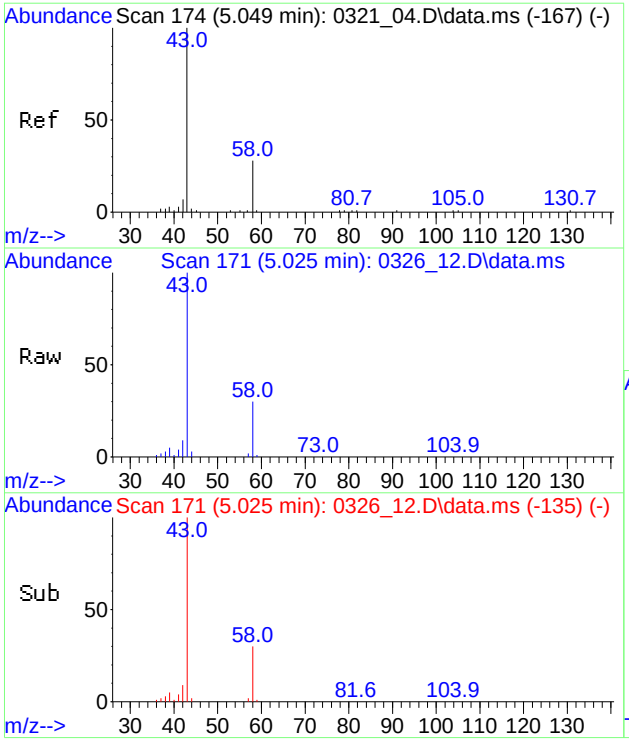


#11
Ethanol
Conc: 8$ 119.996 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 45 Resp: 1972134

Ion	Ratio	Lower	Upper
45	100		
46	32.3	0.6	0.8#
43	20.6	0.0	0.0#

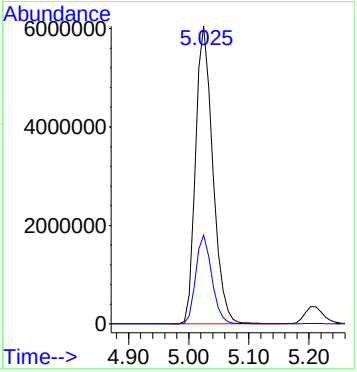


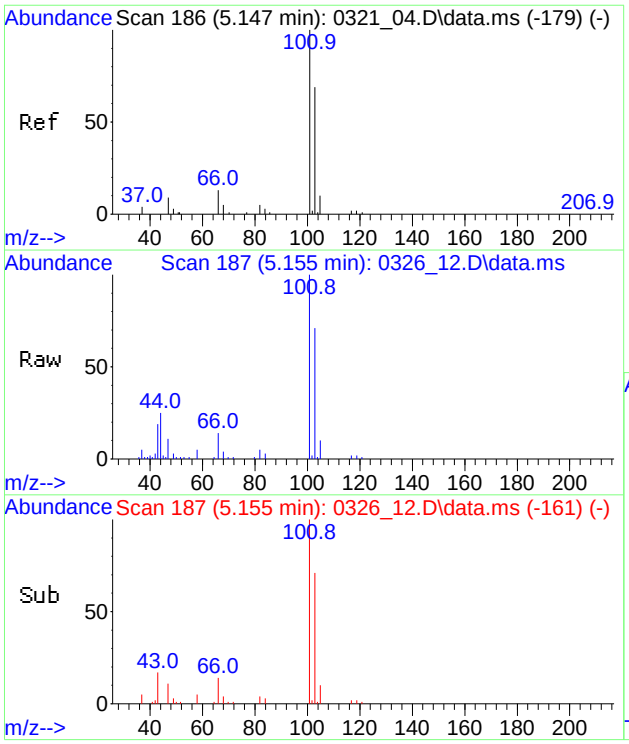


#12
Acetone
Conc: 8$ 165.590 ppbv
RT: 5.025 min Scan# 171
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 43 Resp:12072603

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.2	0.2#

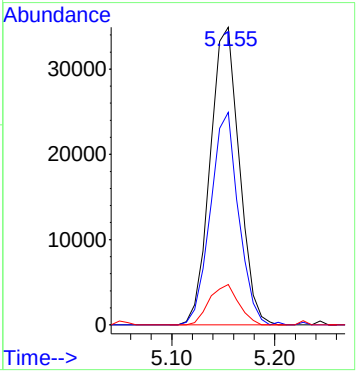


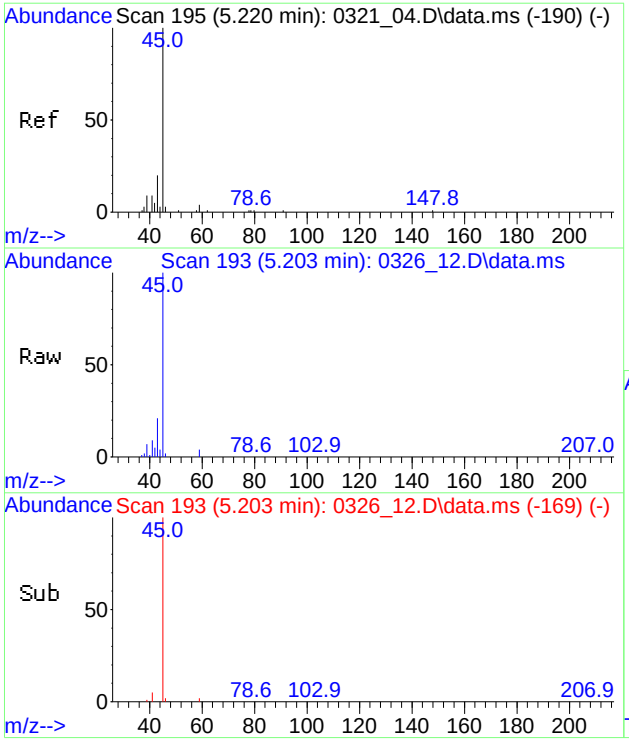


#13
Trichlorofluoromethane
Conc: 8$ 0.453 ppbv
RT: 5.155 min Scan# 187
Delta R.T. 0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:101 Resp: 68250

Ion	Ratio	Lower	Upper
101	100		
103	69.0	49.8	74.8
66	13.6	12.1	18.1

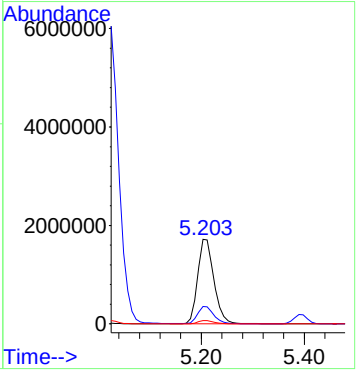


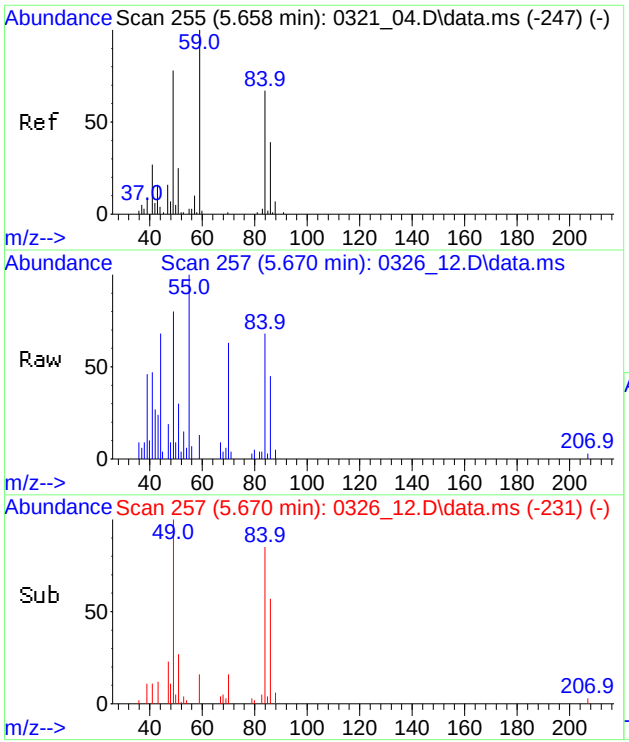


#14
Isopropylalcohol
Conc: 8$ 47.567 ppbv
RT: 5.203 min Scan# 193
Delta R.T. -0.009 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 45 Resp: 3754007

Ion	Ratio	Lower	Upper
45	100		
43	20.2	0.0	0.0#
59	3.8	0.6	1.0#

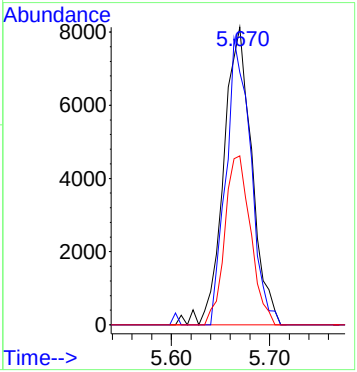


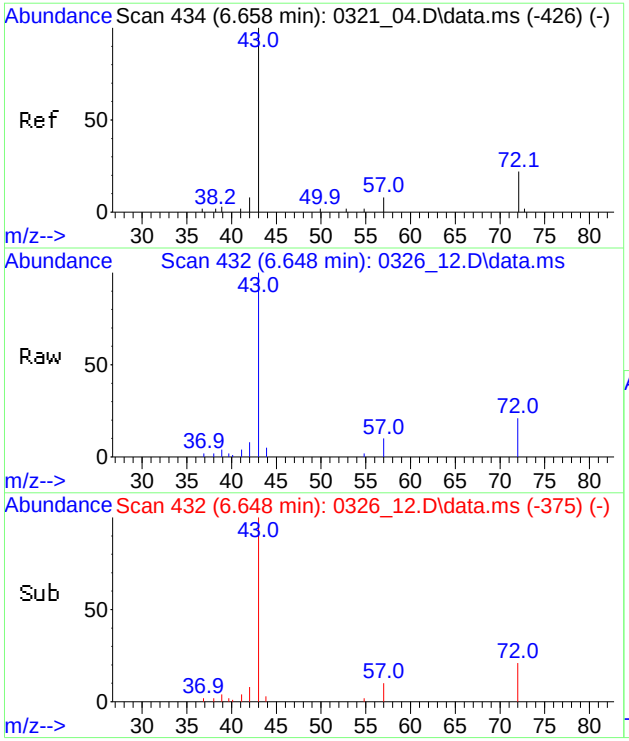


#17
Methylene Chloride
Conc: 8$ 0.312 ppbv
RT: 5.670 min Scan# 257
Delta R.T. 0.006 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 49 Resp: 16251

Ion	Ratio	Lower	Upper
49	100		
84	84.6	50.1	75.1#
86	51.9	33.8	50.8#

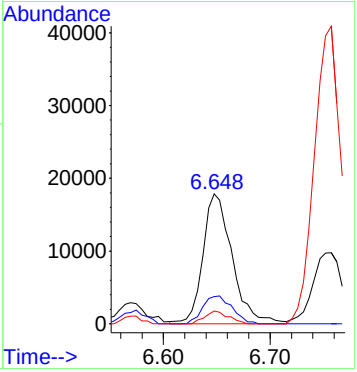


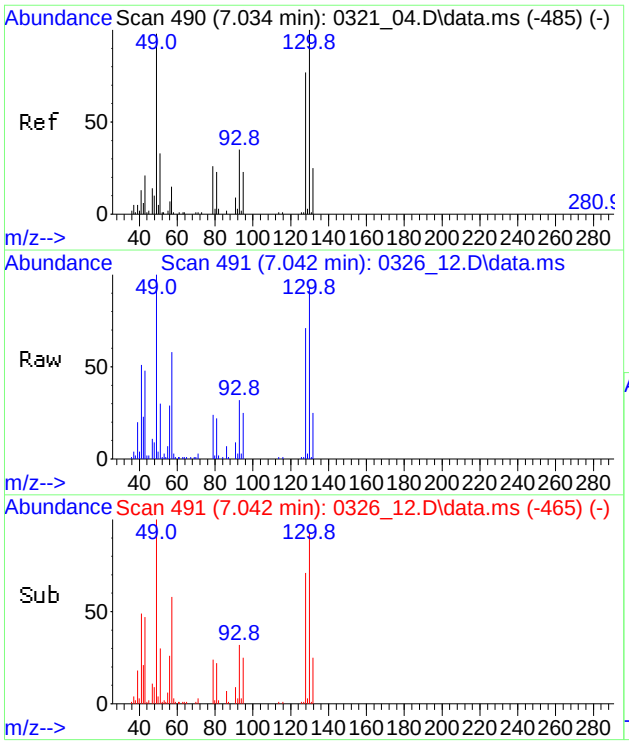


#25
Methyl Ethyl Ketone
Conc: 8$ 1.097 ppbv
RT: 6.648 min Scan# 432
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 43 Resp: 33982

Ion	Ratio	Lower	Upper
43	100		
72	21.6	0.0	0.0#
57	8.0	0.2	0.4#

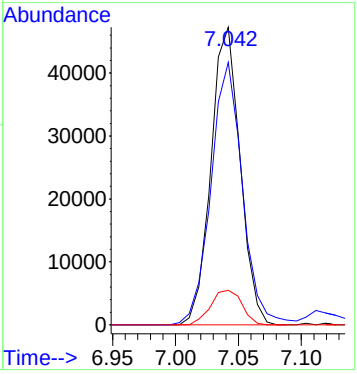


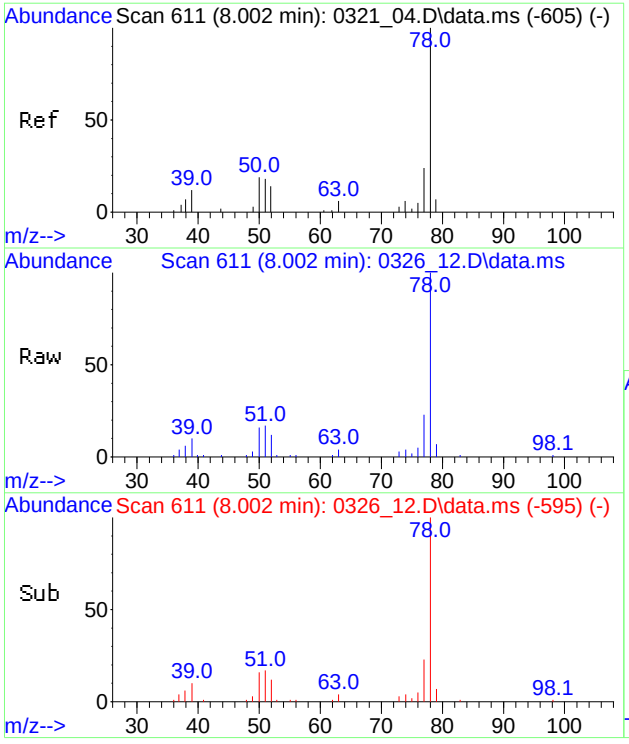


#27
Hexane
Conc: 8$ 3.506 ppbv
RT: 7.042 min Scan# 491
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 57 Resp: 76383

Ion	Ratio	Lower	Upper
57	100		
41	95.3	73.0	109.6
86	12.5	9.8	14.8

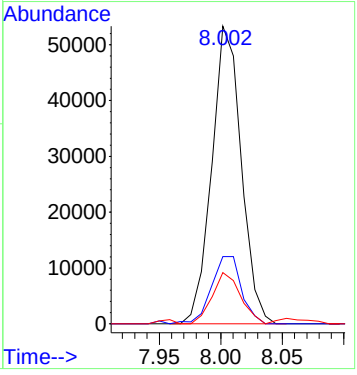


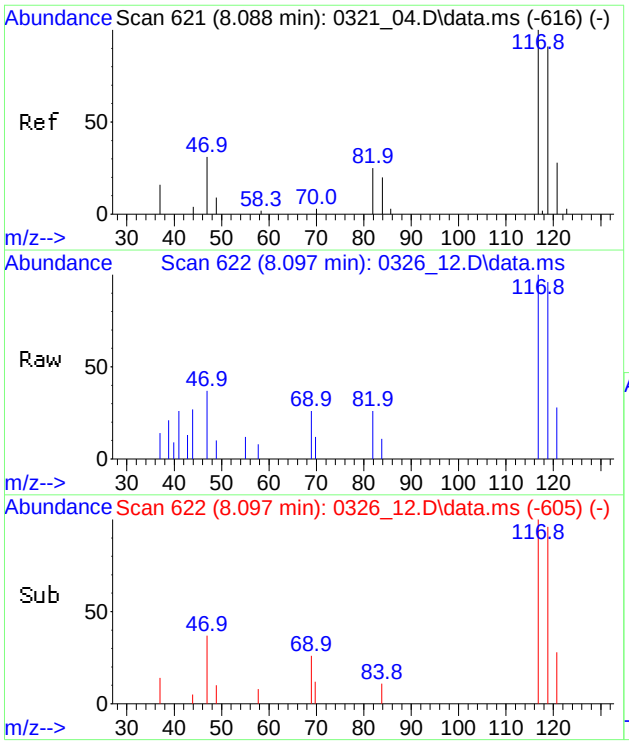


#33
Benzene
Conc: 8$ 1.936 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 78 Resp: 89122

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.4	26.0
51	16.6	15.8	23.6

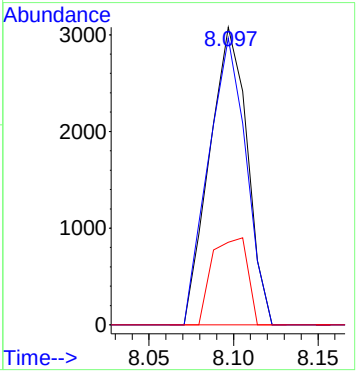


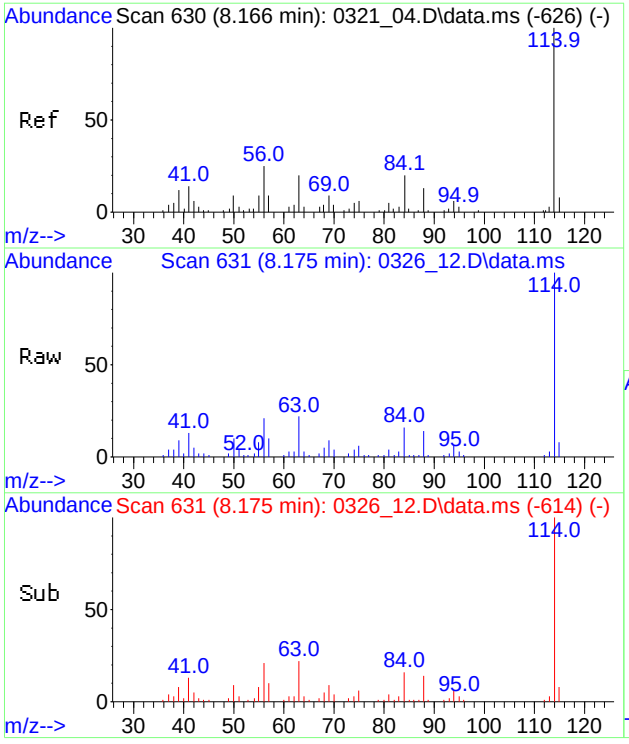


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:117 Resp: 4766

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.9	114.9
121	27.6	11.2	51.2

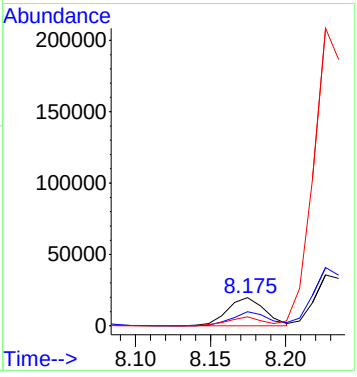


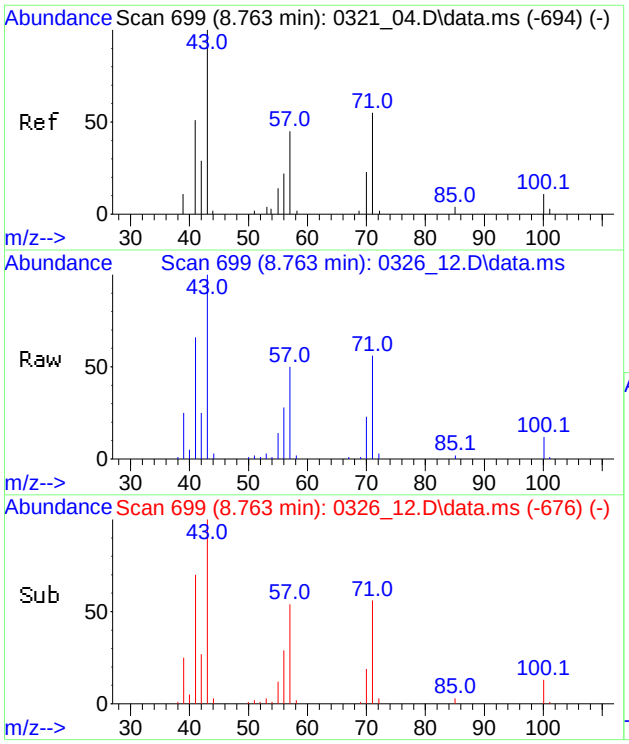


#35
Cyclohexane
Conc: 8$ 1.767 ppbv
RT: 8.175 min Scan# 631
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 84 Resp: 34241

Ion	Ratio	Lower	Upper
84	100		
55	49.5	52.4	78.6#
42	29.0	29.8	44.6#

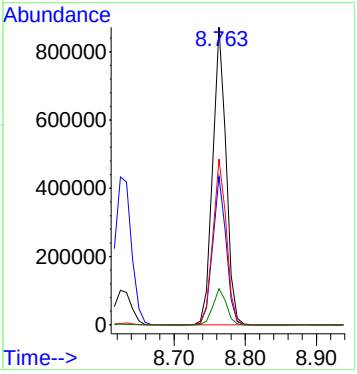


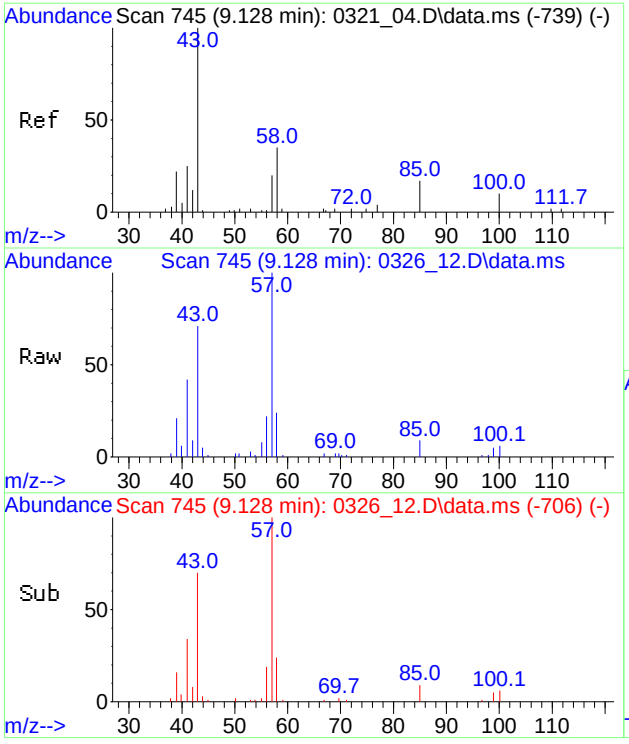


#43
Heptane
Conc: 8$ 37.193 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 43 Resp: 1134629

Ion	Ratio	Lower	Upper
43	100		
57	49.7	39.4	59.0
71	56.4	44.5	66.7
100	12.1	8.2	12.2

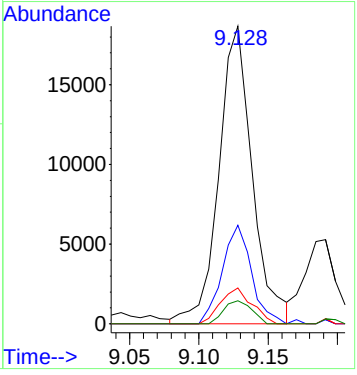


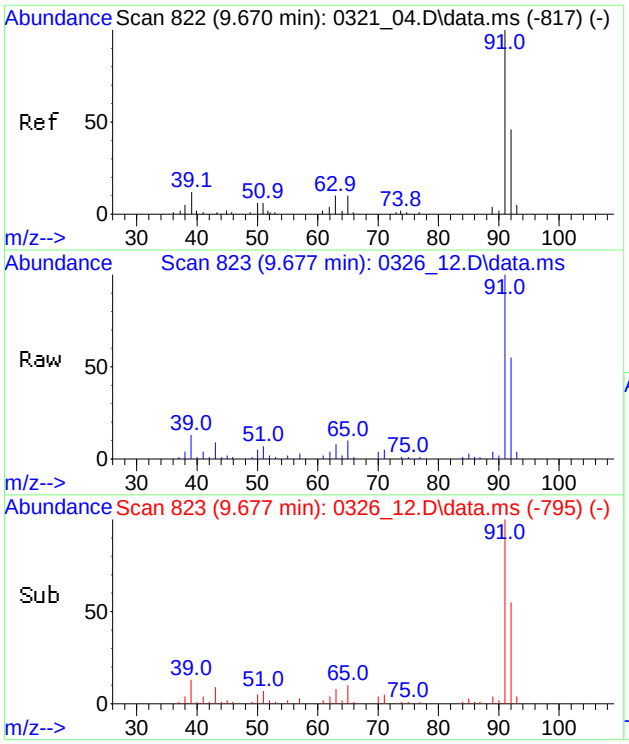


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.672 ppbv
RT: 9.128 min Scan# 745
Delta R.T. 0.007 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 43 Resp: 31553

Ion	Ratio	Lower	Upper
43	100		
58	29.3	28.6	43.0
85	11.3	15.4	23.0#
100	6.5	7.4	11.0#

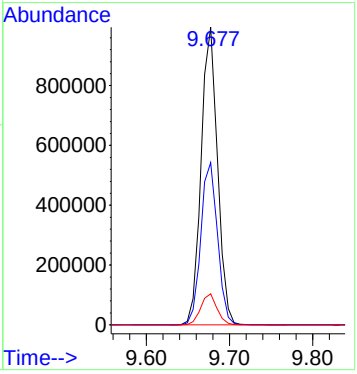


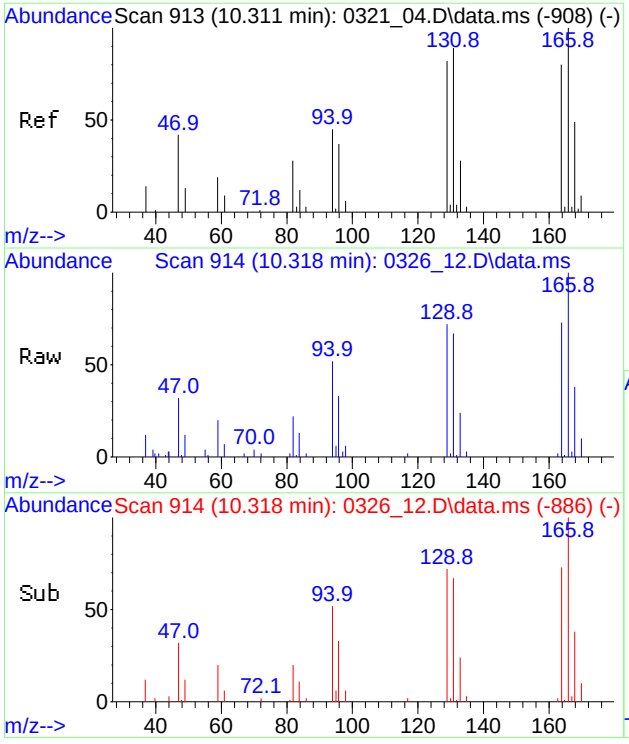


#48
Toluene
Conc: 8$ 19.755 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 91 Resp: 1361116

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.8	65.8
65	10.4	10.6	16.0#

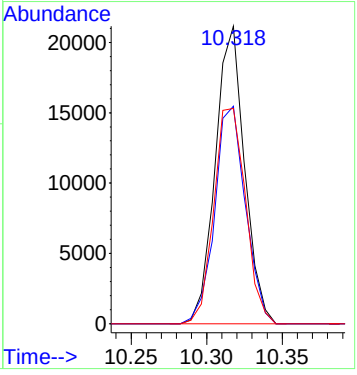


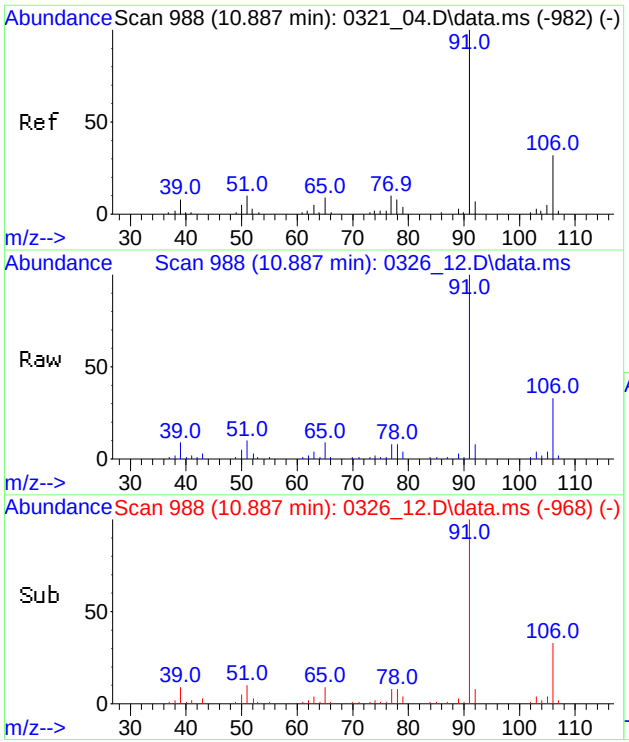


#52
Tetrachloroethene
Conc: 8$ 0.693 ppbv
RT: 10.318 min Scan# 914
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:166 Resp: 28481

Ion	Ratio	Lower	Upper
166	100		
164	77.0	63.4	95.2
129	78.4	68.4	102.6

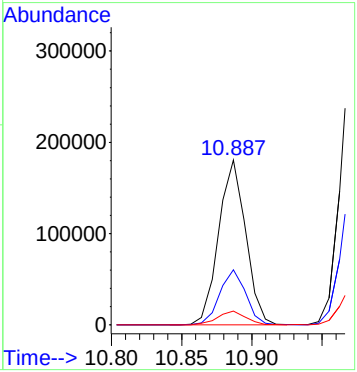


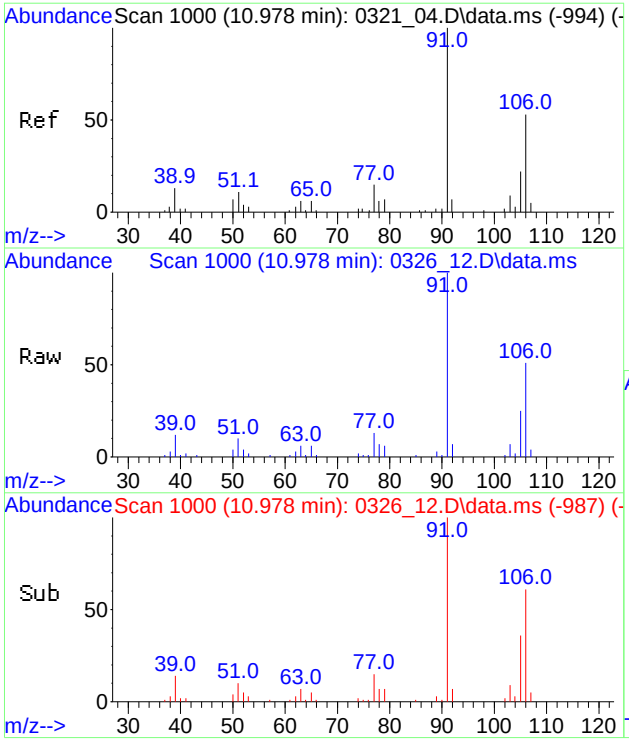


#56
Ethylbenzene
Conc: 8$ 2.948 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 91 Resp: 242790

Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.0	64.0
77	8.7	0.0	33.4

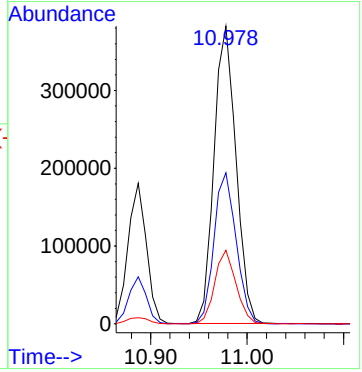


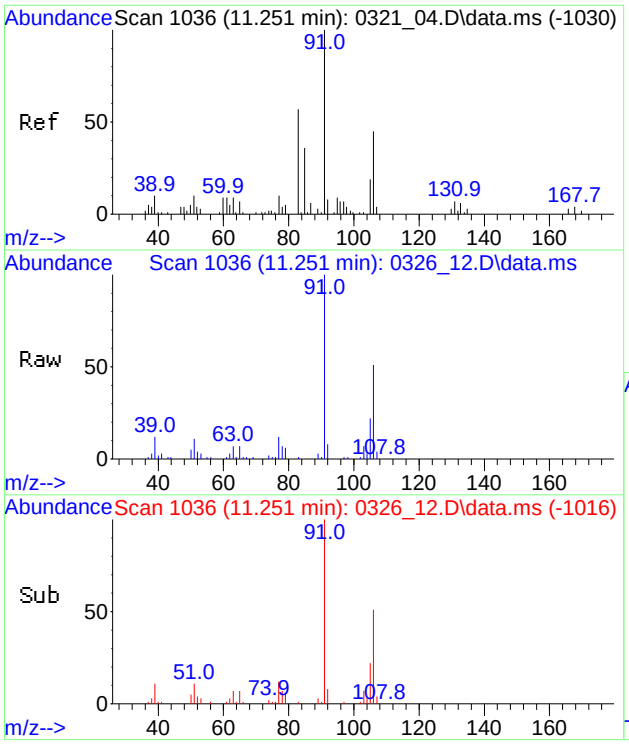


#57
m,p-Xylene
Conc: 8$ 9.468 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 91 Resp: 605409

Ion	Ratio	Lower	Upper
91	100		
106	51.3	0.0	0.0#
105	24.0	0.0	0.0#

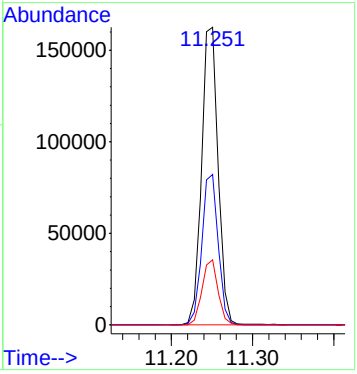


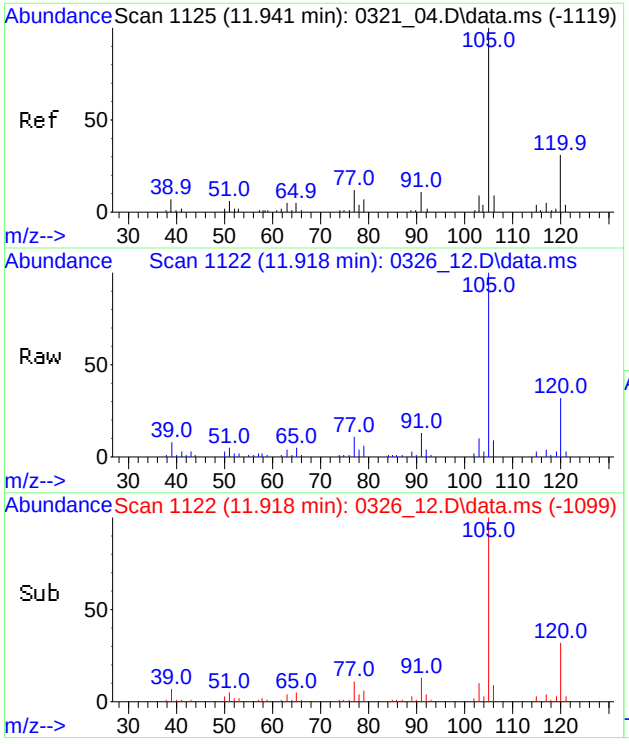


#61
o-Xylene
Conc: 8$ 3.272 ppbv
RT: 11.251 min Scan# 1036
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 91 Resp: 229981

Ion	Ratio	Lower	Upper
91	100		
106	49.9	31.7	47.5#
105	21.0	13.4	20.0#

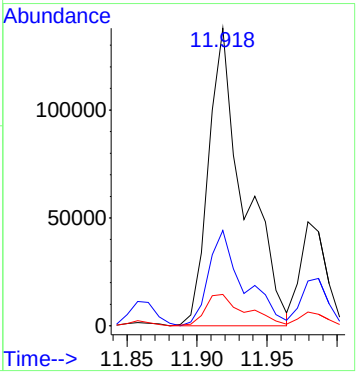


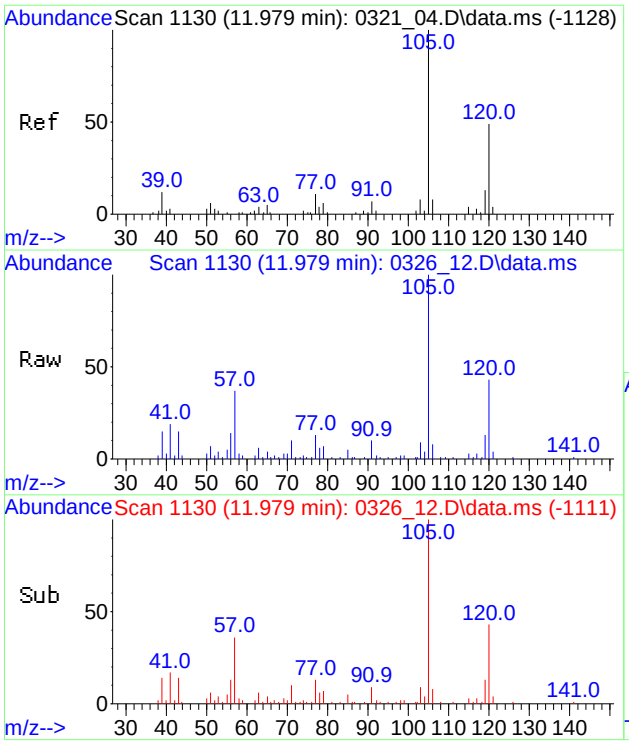


#65
4-Ethyltoluene
Conc: 8$ 2.480 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:105 Resp: 244462

Ion	Ratio	Lower	Upper
105	100		
120	31.9	30.2	45.4
77	12.0	10.5	15.7

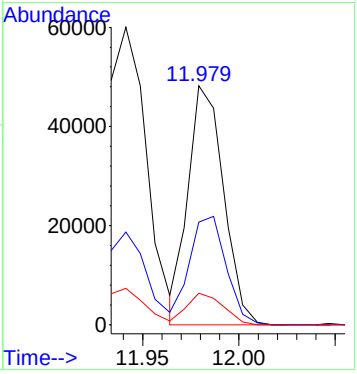


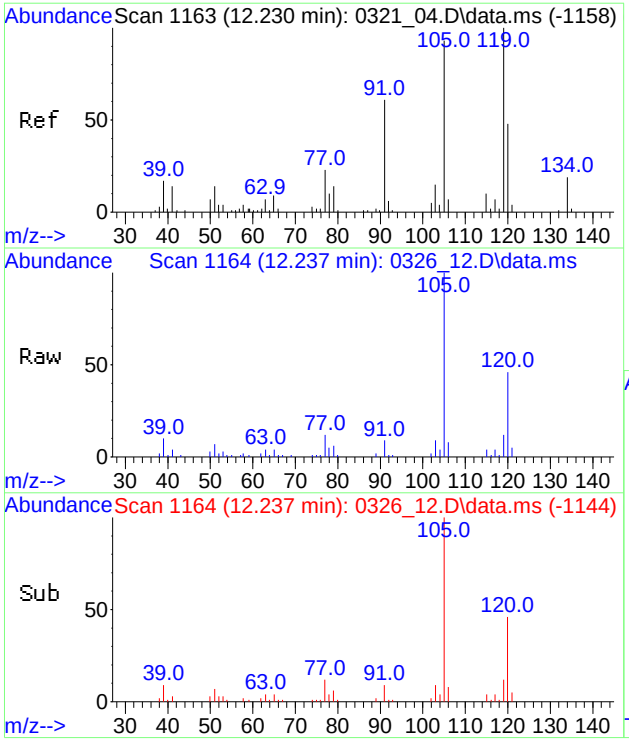


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.776 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:105 Resp: 61804

Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	0.0#
77	13.6	0.2	0.2#

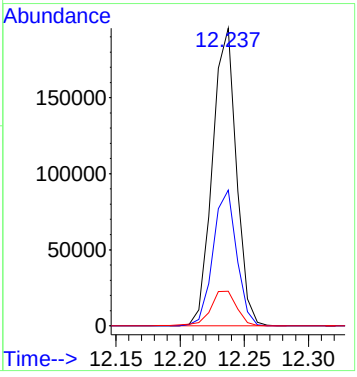


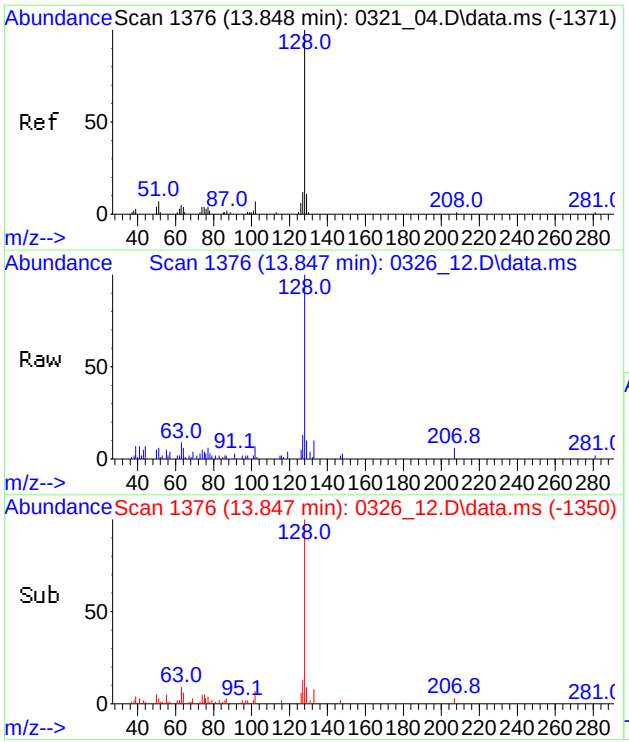


#67
1,2,4-Trimethylbenzene
Conc: 8$ 2.670 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:105 Resp: 253962

Ion	Ratio	Lower	Upper
105	100		
120	45.0	39.4	59.2
77	12.9	23.9	35.9#

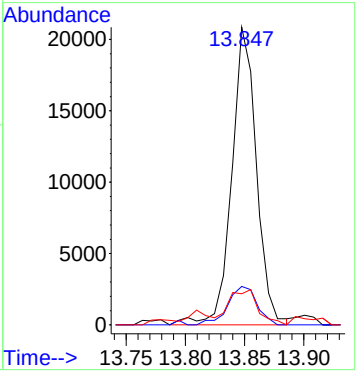


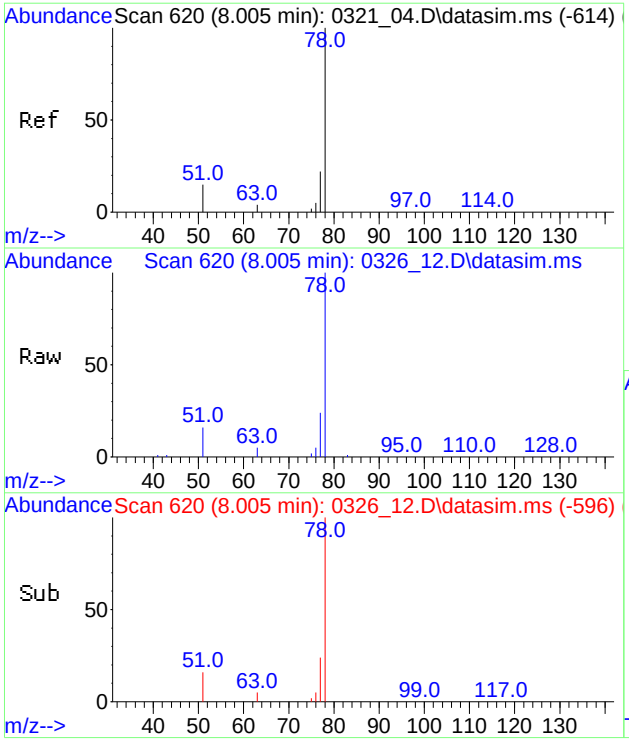


#76
Naphthalene
Conc: 8$ 0.274 ppbv
RT: 13.847 min Scan# 1376
Delta R.T. 0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:128 Resp: 30250

Ion	Ratio	Lower	Upper
128	100		
127	15.3	0.0	0.0#
129	14.0	0.1	0.1#

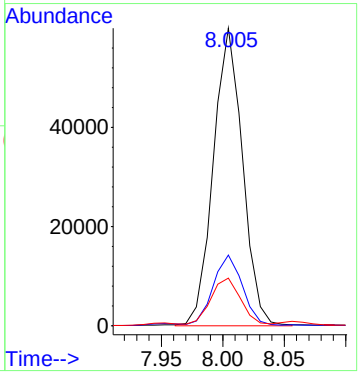


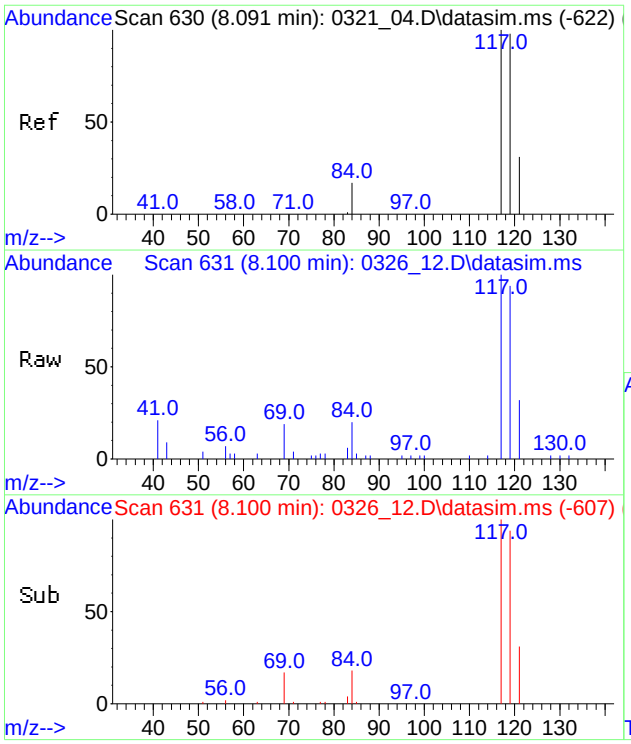


#85
Benzene(sim)
Conc: 8$ 1.697 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 78 Resp: 89122

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.4	26.0
51	16.6	15.8	23.6

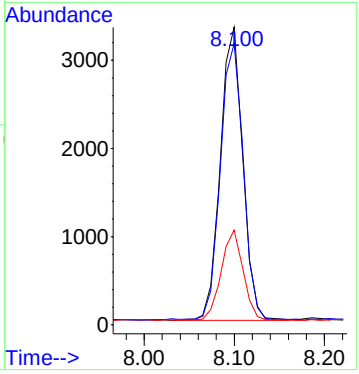


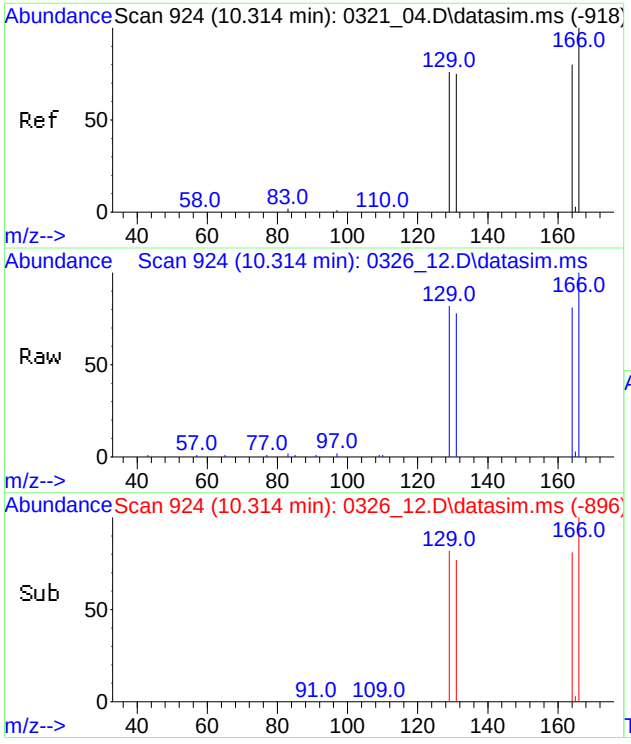


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.137 ppbv
RT: 8.100 min Scan# 631
Delta R.T. 0.009 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:117 Resp: 5753

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	115.0
121	30.6	24.2	36.4

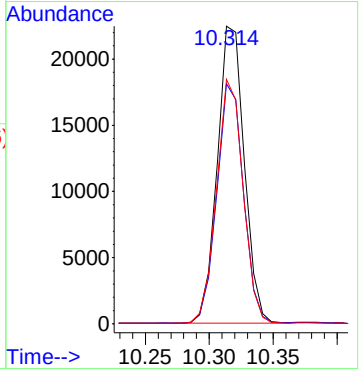


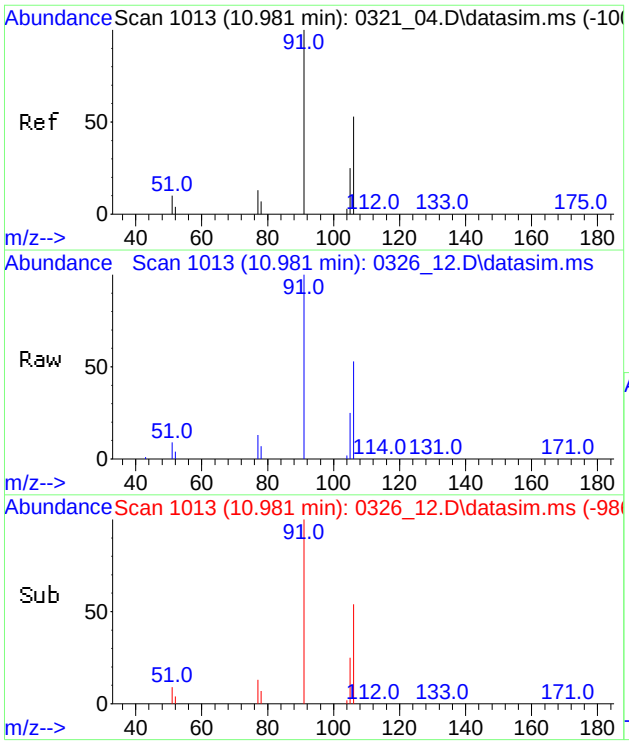


#102
Tetrachloroethene(sim)
Conc: 8$ 0.788 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion:166 Resp: 32765

Ion	Ratio	Lower	Upper
166	100		
164	79.4	54.6	94.6
129	80.4	52.2	92.2

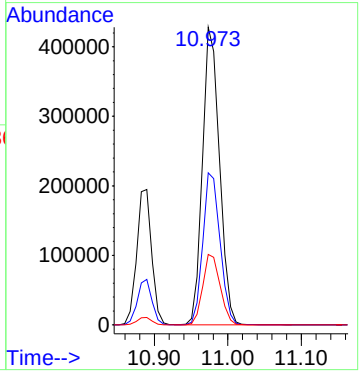




#105
m,p-Xylene(sim)
Conc: 8$ 8.885 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0326_12.D
Acq: 26 Mar 2025 7:02 pm

Tgt Ion: 91 Resp: 608500

Ion	Ratio	Lower	Upper
91	100		
106	51.0	39.6	48.4#
105	23.9	16.6	24.8



AIR ANALYSIS DATA SHEET

CLIENT ID: CS90762 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 LCS

Canister: LCS Lab File ID: 0326_04.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	9.33		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.4		0.202	0.202	r
74-87-3	Chloromethane	10.3		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.3		0.143	0.143	r
75-01-4	Vinyl Chloride	10.2		0.078	0.078	r
106-99-0	1,3-Butadiene	10.2		0.452	0.452	r
74-83-9	Bromomethane	9.78		0.258	0.258	r
75-00-3	Chloroethane	9.88		0.379	0.379	r
64-17-5	Ethanol	6.24		0.531	0.531	r
67-64-1	Acetone	9.49		0.421	0.421	r
75-69-4	Trichlorofluoromethane	10.1		0.178	0.178	r
67-63-0	Isopropylalcohol	10.0		0.407	0.407	r
107-13-1	Acrylonitrile	9.97		0.461	0.461	r
75-35-4	1,1-Dichloroethene	10.2		0.051	0.051	r
75-09-2	Methylene Chloride	9.33		0.863	0.863	r
75-15-0	Carbon Disulfide	10.2		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.3		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.0		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.2		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.1		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.4		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.1		0.051	0.051	r
110-54-3	Hexane	10.0		0.284	0.284	r
67-66-3	Chloroform	10.2		0.205	0.205	r
141-78-6	Ethyl acetate	12.4		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.99		0.339	0.339	r
107-06-2	1,2-Dichloroethane	10.3		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.3		0.183	0.183	r
71-43-2	Benzene	9.89		0.313	0.313	r
56-23-5	Carbon Tetrachloride	10.4		0.032	0.032	r
110-82-7	Cyclohexane	9.93		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.0		0.217	0.217	r
75-27-4	Bromodichloromethane	10.2		0.149	0.149	r
79-01-6	Trichloroethene	10.5		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	10.0		0.215	0.215	r
123-91-1	1,4-Dioxane	9.71		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: CS90762 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 LCS

Canister: LCS Lab File ID: 0326_04.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.1		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	10.2		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	9.79		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.2		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.3		0.183	0.183	r
108-88-3	Toluene	10.2		0.266	0.266	r
124-48-1	Dibromochloromethane	10.6		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	9.92		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.3		0.130	0.130	r
127-18-4	Tetrachloroethene	10.4		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	9.99		0.146	0.146	r
108-90-7	Chlorobenzene	10.2		0.217	0.217	r
100-41-4	Ethylbenzene	10.1		0.230	0.230	r
179601-23-1	m,p-Xylene	20.7		0.230	0.230	r
75-25-2	Bromoform	10.7		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	10.0		0.230	0.230	r
98-82-8	Isopropylbenzene	9.77		0.204	0.204	r
622-96-8	4-Ethyltoluene	9.82		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.5		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.3		0.204	0.204	r
100-44-7	Benzyl chloride	10.7		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.6		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	10.5		0.166	0.166	r
135-98-8	sec-Butylbenzene	9.83		0.182	0.182	r
99-87-6	4-Isopropyltoluene	9.63		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	10.4		0.166	0.166	r
104-51-8	n-Butylbenzene	9.59		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	9.81		0.135	0.135	r
91-20-3	Naphthalene	9.99		0.200	0.200	r
87-68-3	Hexachlorobutadiene	9.76		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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:31 pm
Operator :
Client ID : CS90762 LCS
Lab ID : CS90762 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	248349	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.515	114	919114	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	507133	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	248646	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.515	114	919114	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	507133	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	651453	9.933	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.30%				
Target Compounds							Qvalue
2) Propylene	3.891	41	213483	9.327	ppbv		98
3) Dichlorodifluoromethane	3.956	85	688833	10.384	ppbv		98
4) Chloromethane	4.110	50	289647	10.305	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.199	85	651340	10.286	ppbv		96
6) Vinyl Chloride	4.304	62	285197	10.220	ppbv		99
7) 1,3-Butadiene	4.426	54	240740	10.174	ppbv		98
8) Bromomethane	4.661	94	227057	9.776	ppbv#		95
9) Chloroethane	4.799	64	123291	9.876	ppbv		93
11) Ethanol	4.872	45	85558	6.243	ppbv#		92
12) Acetone	5.249	43	476989	9.490	ppbv		97
13) Trichlorofluoromethane	5.390	101	707195	10.142	ppbv		99
14) Isopropylalcohol	5.415	45	547859	10.031	ppbv		96
15) Acrylonitrile	5.587	53	220147	9.969	ppbv		98
16) 1,1-Dichloroethene	5.842	61	476077	10.145	ppbv		89
17) Methylene Chloride	5.925	49	363777	9.332	ppbv#		81
20) Carbon Disulfide	6.151	76	705601	10.149	ppbv		100
21) Trichlorotrifluoroethane	6.098	101	552138	10.286	ppbv		96
22) Trans-1,2-Dichloroethene	6.553	61	444110	9.996	ppbv		89
23) 1,1-Dichloroethane	6.691	63	526248	10.234	ppbv		99
24) Methyl tert-butyl ethe...	6.707	73	699511	10.045	ppbv#		86
25) Methyl Ethyl Ketone	6.918	43	649451	10.348	ppbv#		93
26) Cis-1,2-Dichloroethene	7.226	61	422593	10.135	ppbv		91
27) Hexane	7.340	57	481771	10.029	ppbv#		93
28) Chloroform	7.413	83	575631	10.182	ppbv		95
29) Ethyl acetate	7.332	61	133798	12.372	ppbv		99
30) Tetrahydrofuran	7.664	42	321179	9.991	ppbv#		82
31) 1,2-Dichloroethane	7.883	62	426898	10.287	ppbv		95
32) 1,1,1-Trichloroethane	8.046	97	600961	10.264	ppbv		96
33) Benzene	8.334	78	784175	9.893	ppbv#		92
34) Carbon Tetrachloride	8.420	117	638269	10.354	ppbv		99
35) Cyclohexane	8.498	84	305515	9.932	ppbv#		76
37) 1,2-dichloropropane	8.818	63	358965	10.001	ppbv		94
38) Bromodichloromethane	8.931	83	628010	10.244	ppbv		99
39) Trichloroethene	8.957	130	383697	10.545	ppbv		92
40) 2,2,4-trimethylpentane	8.957	57	1521332	10.023	ppbv		96
41) 1,4-Dioxane	8.931	88	168054	9.709	ppbv		84
43) Heptane	9.086	43	621784	10.097	ppbv#		90
44) cis-1,3-Dichloropropene	9.445	75	515786	10.227	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.438	43	779704	9.790	ppbv#		92
46) trans-1,3-Dichloropropene	9.734	75	417805	10.214	ppbv		97
47) 1,1,2-Trichloroethane	9.846	97	343249	10.273	ppbv		94
48) Toluene	10.015	91	1004533	10.171	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:31 pm
Operator :
Client ID : CS90762 LCS
Lab ID : CS90762 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.269	129	701513	10.550	ppbv	99
50)	2-Hexanone(MBK)	10.121	43	724650	9.918	ppbv#	88
51)	1,2-Dibromoethane(EDB)	10.409	107	581749	10.263	ppbv	96
52)	Tetrachloroethene	10.656	166	489180	10.384	ppbv	96
54)	1,1,1,2-Tetrachloroethane	11.023	131	445287	9.985	ppbv	98
55)	Chlorobenzene	11.038	112	782646	10.234	ppbv	87
56)	Ethylbenzene	11.227	91	1317296	10.079	ppbv	97
57)	m,p-Xylene	11.326	91	2050104	20.686	ppbv	97
58)	Bromoform	11.402	173	681688	10.686	ppbv	99
59)	Styrene	11.531	104	746675	10.157	ppbv#	89
60)	1,1,2,2-Tetrachloroethane	11.591	83	788919	10.322	ppbv	96
61)	o-Xylene	11.591	91	1064649	10.005	ppbv	96
64)	Isopropylbenzene	11.917	105	1364415	9.769	ppbv	96
65)	4-Ethyltoluene	12.289	105	1415102	9.815	ppbv	96
66)	1,3,5-Trimethylbenzene	12.327	105	1225242	10.451	ppbv	95
67)	1,2,4-Trimethylbenzene	12.578	105	1251457	10.296	ppbv	95
68)	Benzyl chloride	12.684	91	1078419	10.691	ppbv	96
69)	1,3-Dichlorobenzene	12.699	146	868311	10.549	ppbv	98
70)	1,4-Dichlorobenzene	12.737	146	773797	10.462	ppbv	100
71)	sec-Butylbenzene	12.745	105	1699225	9.830	ppbv	97
72)	4-Isopropyltoluene	12.836	119	1553927	9.630	ppbv	97
73)	1,2-Dichlorobenzene	12.958	146	774013	10.406	ppbv	99
74)	n-Butylbenzene	13.102	91	1364054	9.594	ppbv	96
75)	1,2,4-Trichlorobenzene	14.142	180	470362	9.807	ppbv	98
76)	Naphthalene	14.241	128	1026871	9.992	ppbv#	99
77)	Hexachlorobutadiene	14.492	225	502720	9.763	ppbv	99
79]	1,2-Dichlorotetrafluor...	4.199	85	651315	9.563	ppbv	96
80]	Vinyl Chloride(sim)	4.307	62	303820	9.882	ppbv	99
81]	Bromomethane(sim)	4.661	94	227057	8.553	ppbv#	94
82]	Trichlorofluoromethane...	5.387	101	742535	9.692	ppbv#	100
83]	1,2-Dichloroethane(sim)	7.883	62	426898	9.562	ppbv	95
84]	1,1,1-Trichloroethane(...	8.048	97	636694	9.717	ppbv#	96
85]	Benzene(sim)	8.334	78	784027	7.982	ppbv#	92
86]	Carbon Tetrachloride(sim)	8.423	117	653948	9.819	ppbv	99
87]	1,1-Dichloroethene(sim)	5.842	61	476077	9.345	ppbv	89
88]	Trichlorotrifluoroetha...	6.101	101	576127	9.884	ppbv#	96
89]	Trans-1,2-Dichloroethe...	6.553	61	444110	9.489	ppbv	89
90]	1,1-Dichloroethane(sim)	6.686	63	563589	9.729	ppbv	98
91]	Cis-1,2-Dichloroethene...	7.226	61	422593	9.458	ppbv	91
92]	Chloroform(sim)	7.408	83	602968	9.173	ppbv	96
94]	1,2-dichloropropane(sim)	8.812	63	385438	9.623	ppbv	93
95]	Bromodichloromethane(sim)	8.931	83	628010	9.798	ppbv	100
96]	Trichloroethene(sim)	8.951	130	389466	9.988	ppbv	96
97]	1,4-Dioxane(sim)	8.931	88	168054	9.594	ppbv	84
98]	cis-1,3-Dichloropropen...	9.441	75	547115	10.069	ppbv	97
99]	1,1,2-Trichloroethane(...	9.846	97	343249	9.732	ppbv	95
100]	Dibromochloromethane(sim)	10.271	129	698397	10.357	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.409	107	581749	10.041	ppbv	97
102]	Tetrachloroethene(sim)	10.659	166	479621	9.700	ppbv	95
104]	Bromoform(sim)	11.405	173	652841	10.295	ppbv	99
105]	m,p-Xylene(sim)	11.326	91	2052970	18.873	ppbv	97
106]	1,1,2,2-Tetrachloroeth...	11.587	83	822889	9.548	ppbv	100
107]	Benzyl chloride(sim)	12.684	91	1078419	11.637	ppbv	96
108]	1,3-Dichlorobenzene(sim)	12.702	146	880532	9.863	ppbv	100
109]	1,4-Dichlorobenzene(sim)	12.737	146	773797	9.908	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:31 pm
Operator :
Client ID : CS90762 LCS
Lab ID : CS90762 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

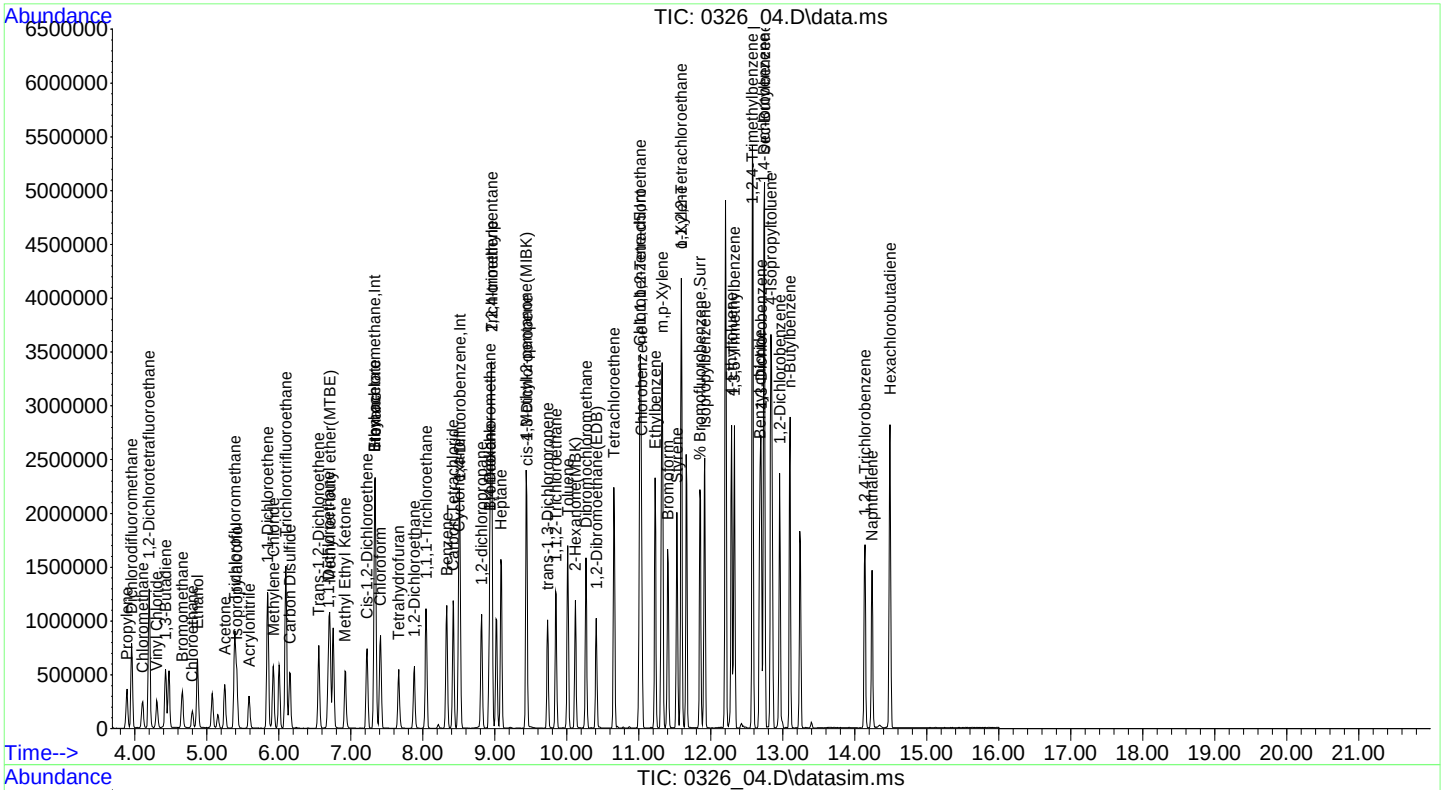
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.581	105	1334116	9.256	ppbv	97
111] 4-Isopropyltoluene(sim)	12.836	119	1553927	8.582	ppbv	97
112] 1,2-Dichlorobenzene(sim)	12.961	146	825289	9.791	ppbv	99
113] n-Butylbenzene(sim)	13.102	91	1364064	9.087	ppbv	96
114] 1,2,4-Trichlorobenzene...	14.138	180	499355	14.371	ppbv	98

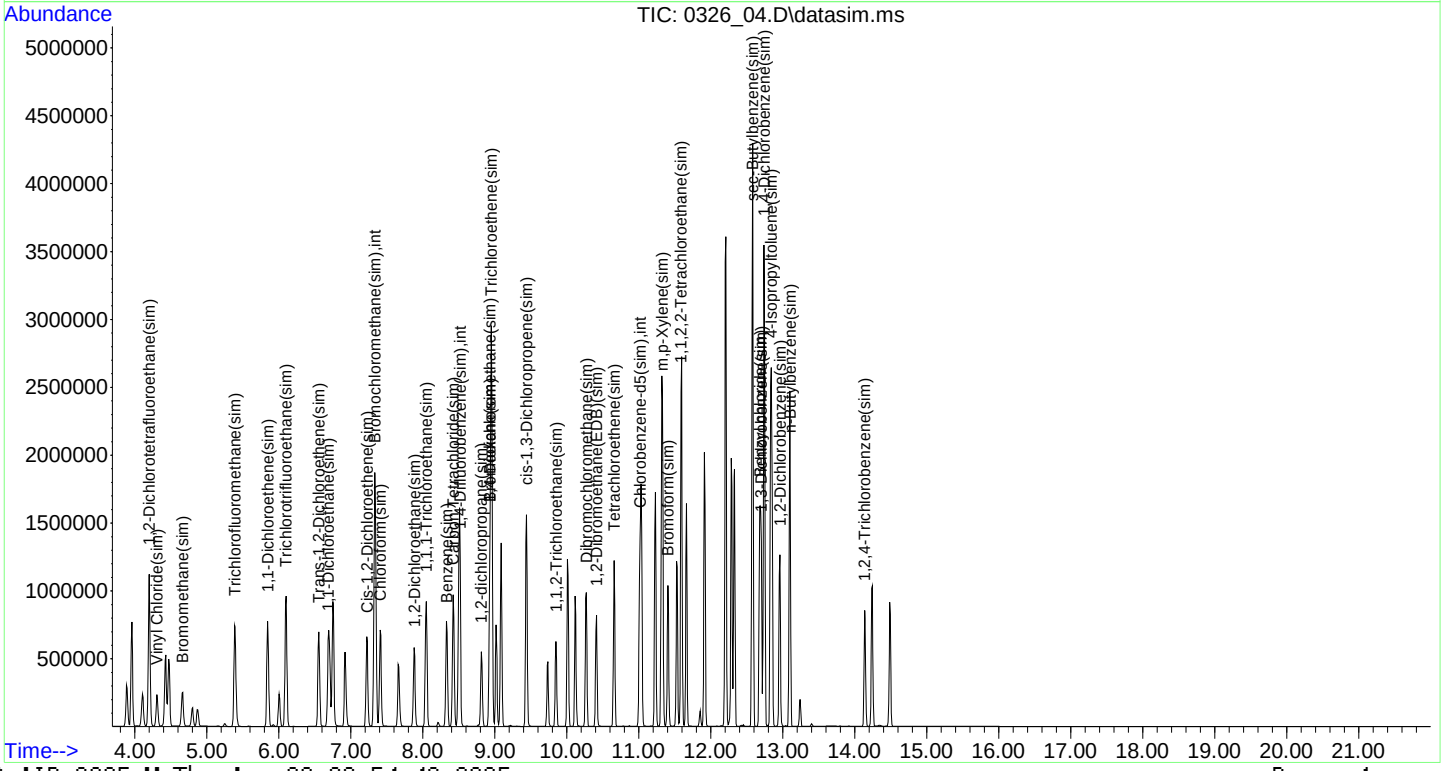
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:31 pm
Operator :
Client ID : CS90762 LCS
Lab ID : CS90762 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS90762 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 0.5X

Canister: 28576 Lab File ID: 0326_07.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.456		0.250	0.250	r
74-87-3	Chloromethane	0.469		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	50.7	S	0.266	0.266	
67-64-1	Acetone	29.6	S	0.211	0.211	
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	9.76	S	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	138	S	0.432	0.432	
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	1.14		0.225	0.225	r
110-54-3	Hexane	0.483	S	0.225	0.225	r
67-66-3	Chloroform	1.82		0.100	0.100	r
141-78-6	Ethyl acetate	0.512		0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
71-43-2	Benzene	0.267		0.100	0.100	r
110-82-7	Cyclohexane	0.250	U	0.250	0.250	r
78-87-5	1,2-dichloropropane	0.251		0.010	0.010	r
75-27-4	Bromodichloromethane	0.150		0.010	0.010	r
540-84-1	2,2,4-trimethylpentane	0.745		0.107	0.107	
142-82-5	Heptane	0.250	U	0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.344		0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	35.9		0.133	0.133	
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.121		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.295		0.250	0.250	r
179601-23-1	m,p-Xylene	1.11		0.500	0.500	r
100-42-5	Styrene	0.117		0.100	0.100	r
95-47-6	o-Xylene	0.421		0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	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

CS90762 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 0.5X

Canister: 28576 Lab File ID: 0326_07.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
622-96-8	4-Ethyltoluene	0.250	U	0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.250	0.250	r
106-46-7	1,4-Dichlorobenzene	0.154		0.040	0.040	r
135-98-8	sec-Butylbenzene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.112		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.066		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
79-01-6	Trichloroethene(sim)	0.039		0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.019		0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_07.D
Acq On : 26 Mar 2025 5:56 pm
Operator :
Client ID : CS90762 QC 0.5X
Lab ID : CS90762 QC 0.5X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 05:52:09 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	247115	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	905549	10.000	ng		0.00
53) Chlorobenzene-d5	11.015	82	468112	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	244510	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	905549	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.015	82	468112	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.849	95	629617	10.401	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.956	85	60159	0.911	ppbv		99
4) Chloromethane	4.102	50	26239	0.938	ppbv		84
11) Ethanol	4.864	45	1383222	101.433	ppbv#		92
12) Acetone	5.243	43	2960358	59.191	ppbv		97
13) Trichlorofluoromethane	5.384	101	28335	0.408	ppbv		98
14) Isopropylalcohol	5.415	45	1061044	19.524	ppbv		97
17) Methylene Chloride	5.919	49	10738991	276.855	ppbv#		62
21) Trichlorotrifluoroethane	6.092	101	6871	0.129	ppbv		96
25) Methyl Ethyl Ketone	6.927	43	141767	2.270	ppbv#		93
27) Hexane	7.340	57	46167	0.966	ppbv#		95
28) Chloroform	7.405	83	204656	3.638	ppbv		94
29) Ethyl acetate	7.324	61	11017	1.024	ppbv#		83
30) Tetrahydrofuran	7.673	42	12609	0.394	ppbv#		86
33) Benzene	8.334	78	42032	0.533	ppbv#		92
34) Carbon Tetrachloride	8.420	117	8507	0.139	ppbv		98
35) Cyclohexane	8.498	84	13458	0.440	ppbv		94
37) 1,2-dichloropropane	8.818	63	17745	0.502	ppbv		92
38) Bromodichloromethane	8.931	83	18037	0.299	ppbv		92
39) Trichloroethene	8.957	130	3140	0.088	ppbv#		84
43) Heptane	9.086	43	27656	0.456	ppbv#		89
45) 4-Methyl-2-pentanone(M...	9.438	43	53972	0.688	ppbv#		91
48) Toluene	10.015	91	6989931	71.833	ppbv#		87
49) Dibromochloromethane	10.269	129	2528	0.039	ppbv		97
52) Tetrachloroethene	10.656	166	11239	0.242	ppbv		95
56) Ethylbenzene	11.228	91	71151	0.590	ppbv		98
57) m,p-Xylene	11.319	91	203427	2.224	ppbv		97
59) Styrene	11.531	104	15841	0.233	ppbv#		90
60) 1,1,2,2-Tetrachloroethane	11.599	83	3267	0.046	ppbv#		1
61) o-Xylene	11.592	91	82632	0.841	ppbv		98
65) 4-Ethyltoluene	12.259	105	38260	0.287	ppbv		97
67) 1,2,4-Trimethylbenzene	12.578	105	35699	0.318	ppbv		93
70) 1,4-Dichlorobenzene	12.738	146	20985	0.307	ppbv		98
76) Naphthalene	14.241	128	21291	0.224	ppbv#		99
77) Hexachlorobutadiene	14.492	225	1048	0.022	ppbv		96
85] Benzene(sim)	8.334	78	42111	0.436	ppbv#		92
86] Carbon Tetrachloride(sim)	8.423	117	8606	0.131	ppbv		99
92] Chloroform(sim)	7.408	83	214349	3.316	ppbv		97
94] 1,2-dichloropropane(sim)	8.813	63	18731	0.475	ppbv		90
95] Bromodichloromethane(sim)	8.931	83	18037	0.286	ppbv		91
96] Trichloroethene(sim)	8.951	130	3005	0.078	ppbv		95
100] Dibromochloromethane(sim)	10.272	129	2532	0.038	ppbv		99
102] Tetrachloroethene(sim)	10.659	166	11234	0.231	ppbv		95

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_07.D
Acq On : 26 Mar 2025 5:56 pm
Operator :
Client ID : CS90762 QC 0.5X
Lab ID : CS90762 QC 0.5X
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 05:52:09 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105] m,p-Xylene(sim)	11.319	91	204817	2.040	ppbv	97
109] 1,4-Dichlorobenzene(sim)	12.738	146	20985	0.291	ppbv	98
115] Naphthalene(sim)	14.241	128	21291	0.266	ppbv	100

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

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_07.D
Acq On : 26 Mar 2025 5:56 pm
Operator :
Client ID : CS90762 QC 0.5X
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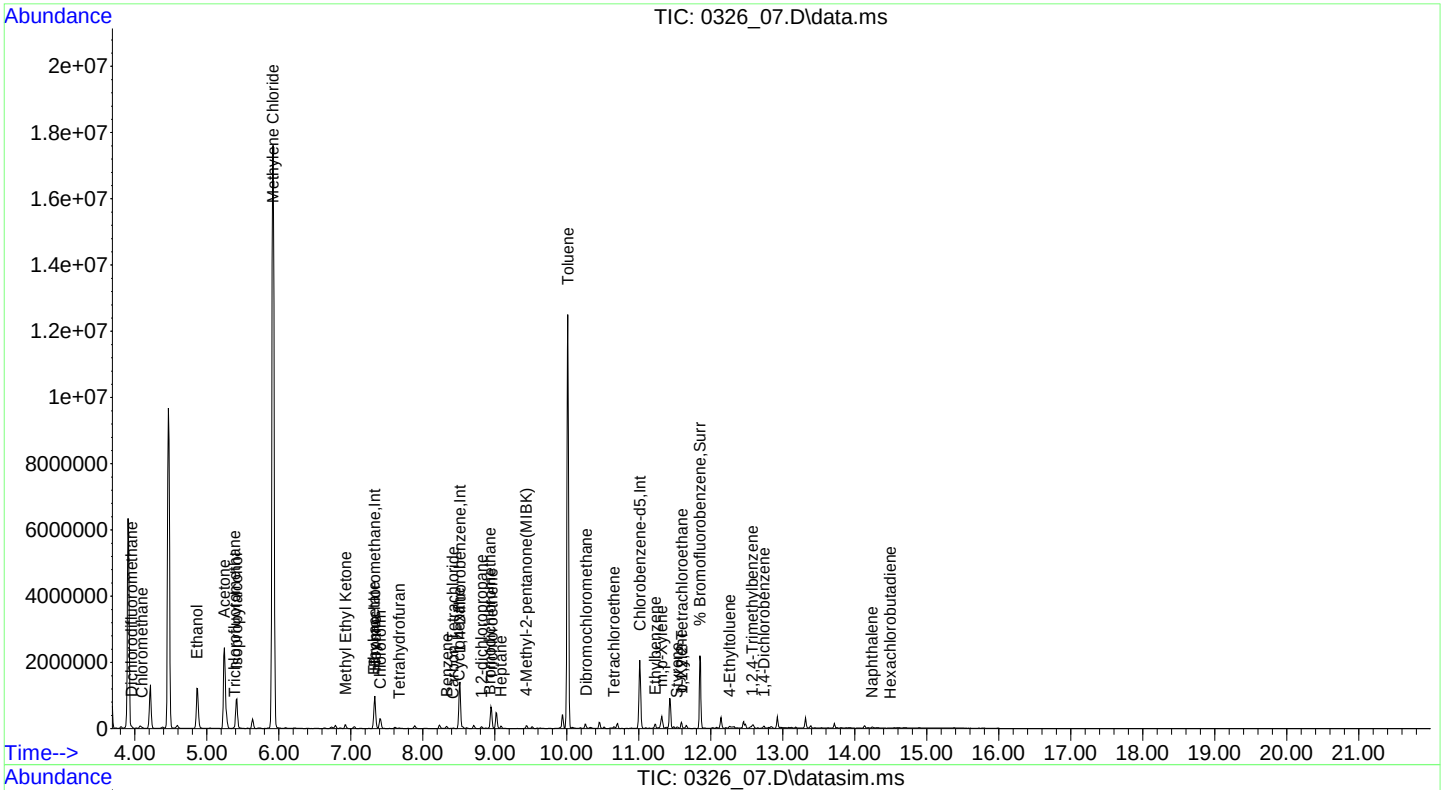
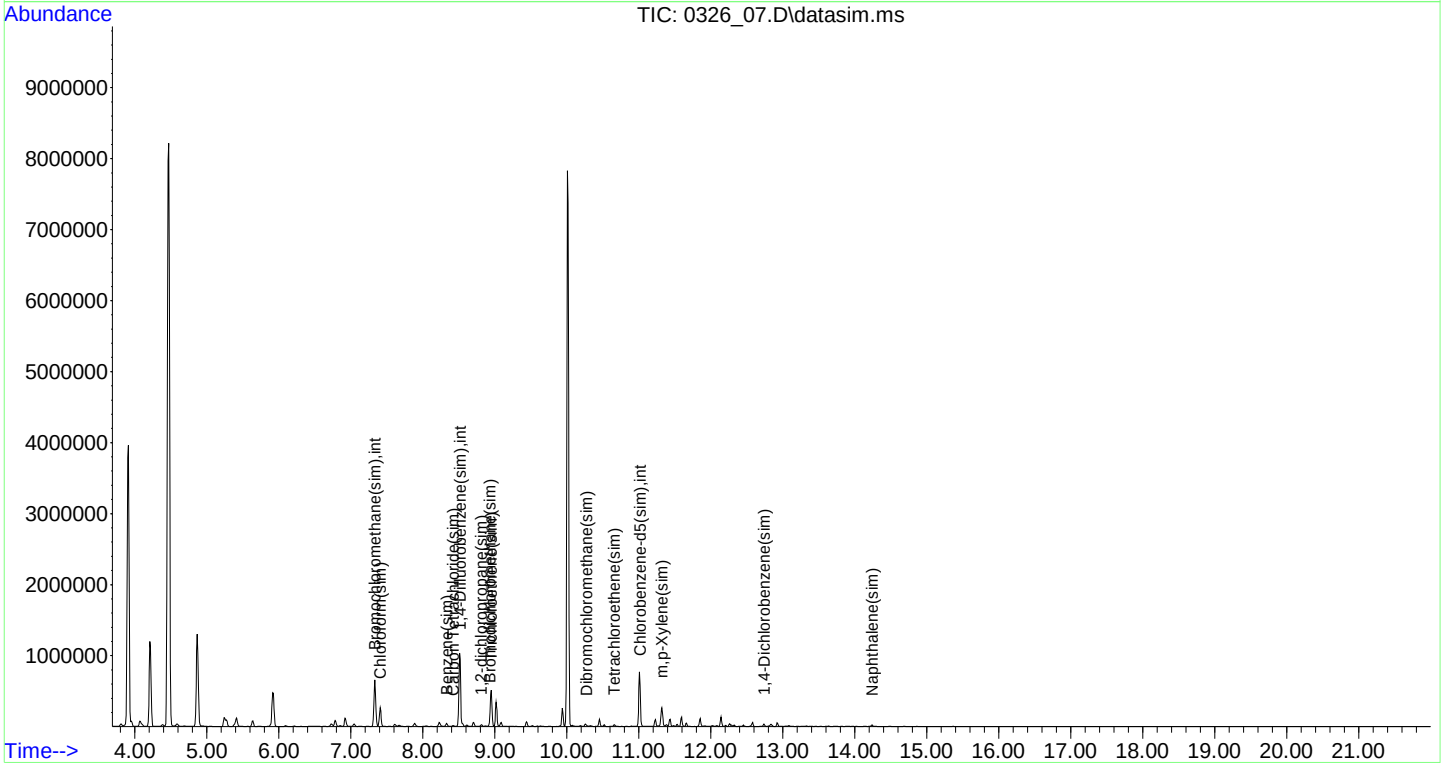
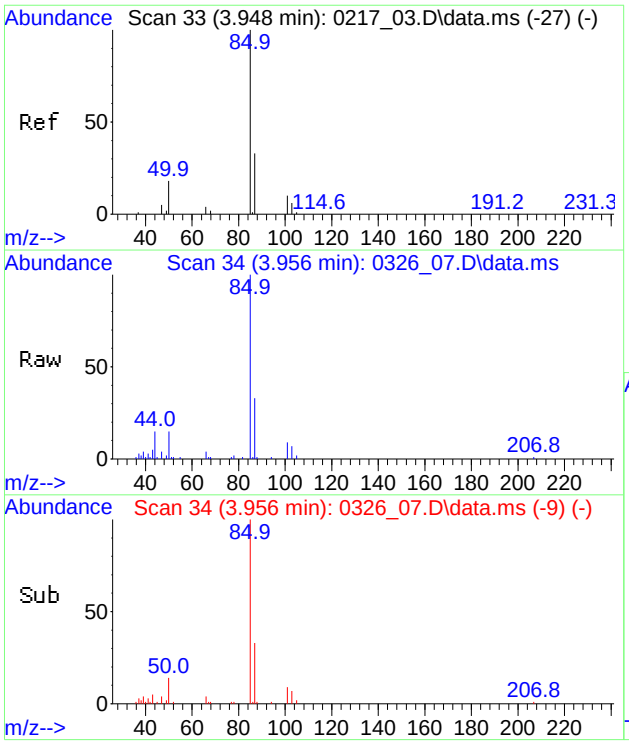
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



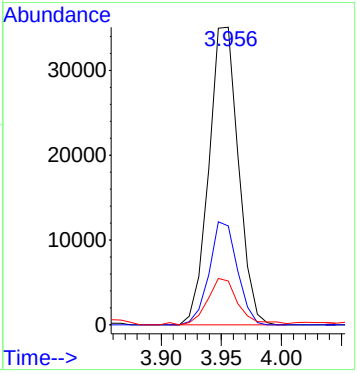


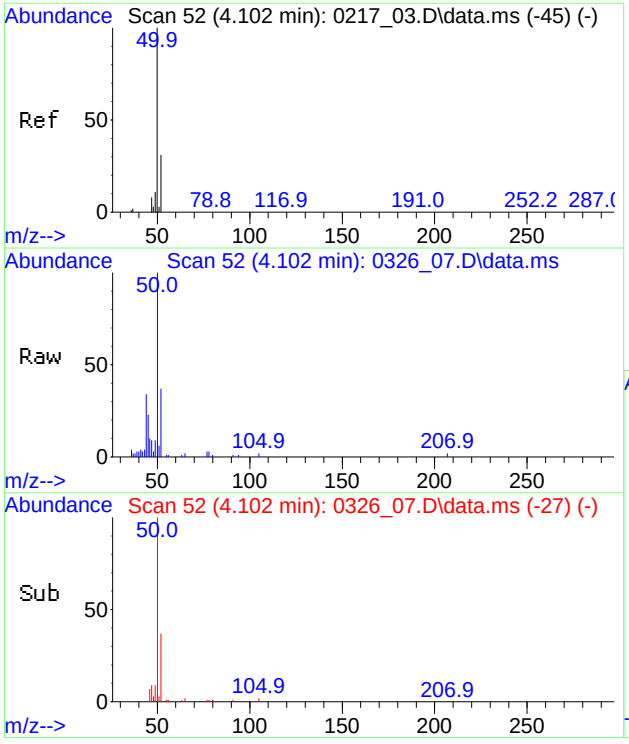


#3
Dichlorodifluoromethane
Conc: 8$ 0.911 ppbv
RT: 3.956 min Scan# 34
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 85 Resp: 60159

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.4	38.2
50	16.4	13.1	19.7

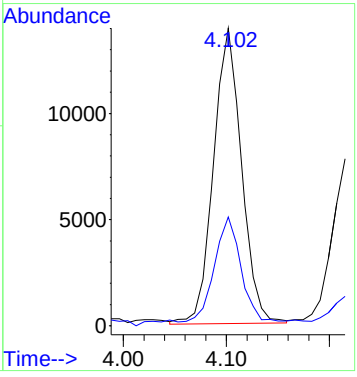


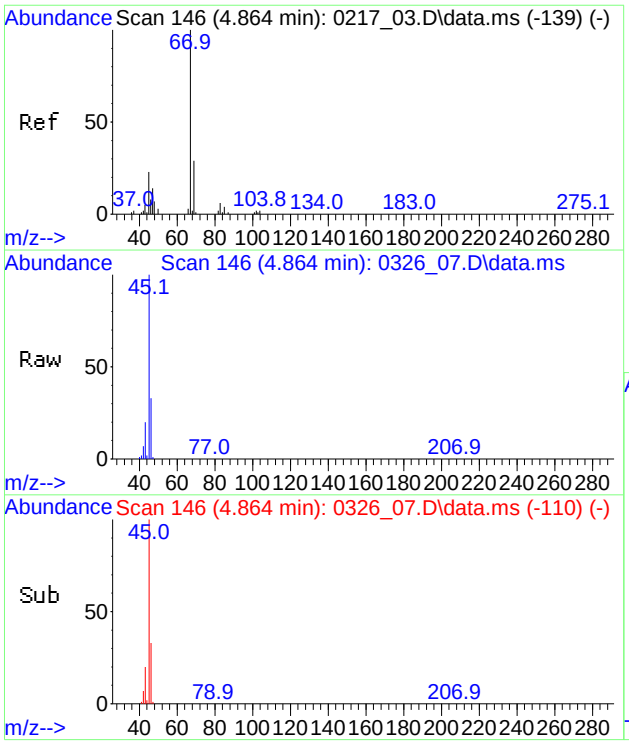


#4
Chloromethane
Conc: 8$ 0.938 ppbv
RT: 4.102 min Scan# 52
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 50 Resp: 26239

Ion	Ratio	Lower	Upper
50	100		
52	39.6	11.0	51.0

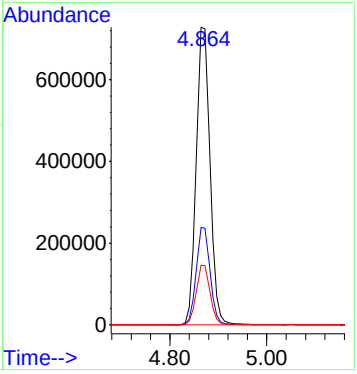


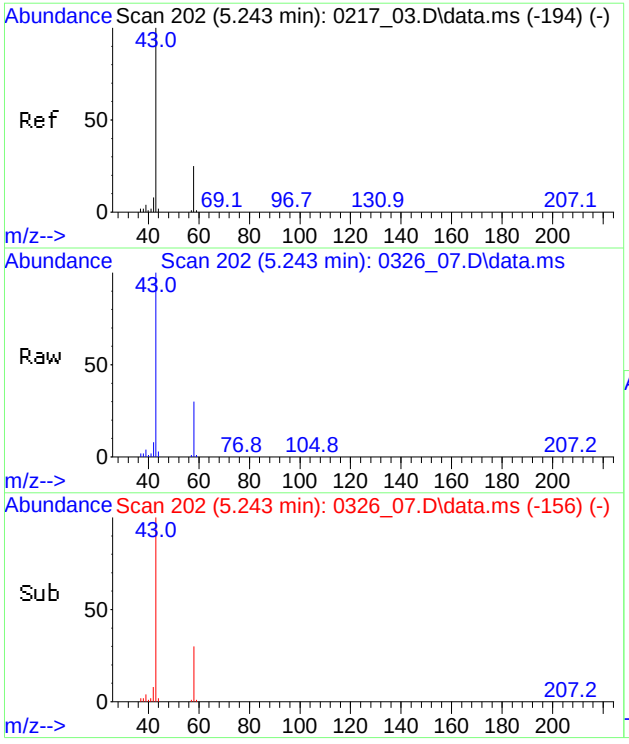


#11
Ethanol
Conc: 8$ 101.433 ppbv
RT: 4.864 min Scan# 146
Delta R.T. -0.008 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 45 Resp: 1383222

Ion	Ratio	Lower	Upper
45	100		
46	34.2	25.4	38.0
43	20.6	21.2	31.8#

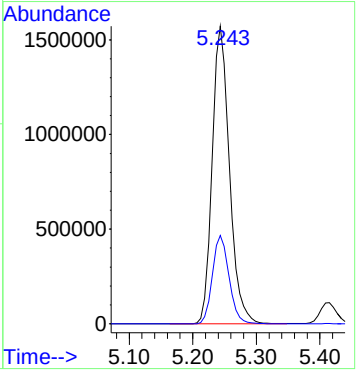


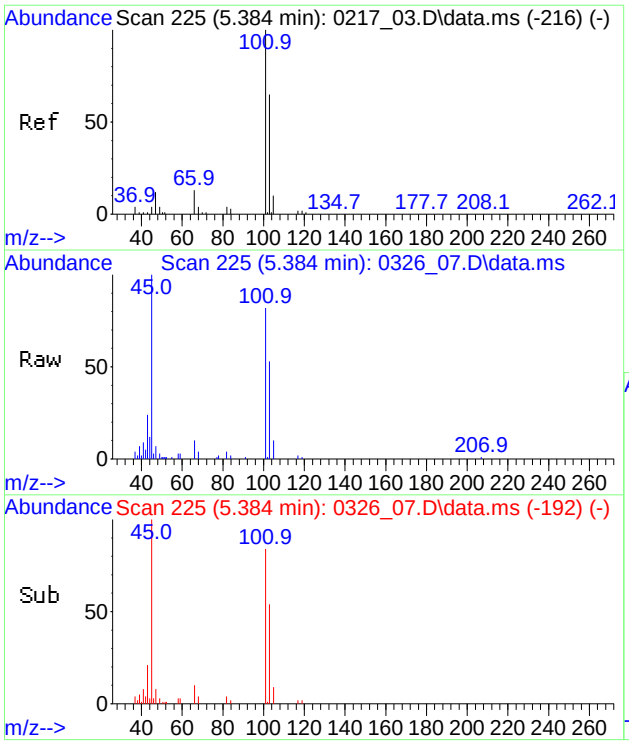


#12
Acetone
Conc: 8$ 59.191 ppbv
RT: 5.243 min Scan# 202
Delta R.T. -0.006 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 43 Resp: 2960358

Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.8	32.6

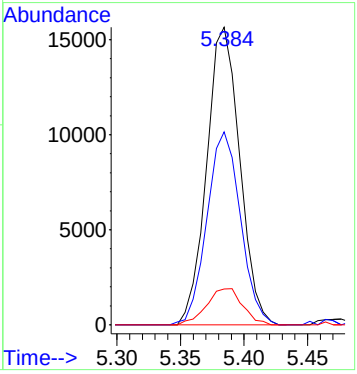


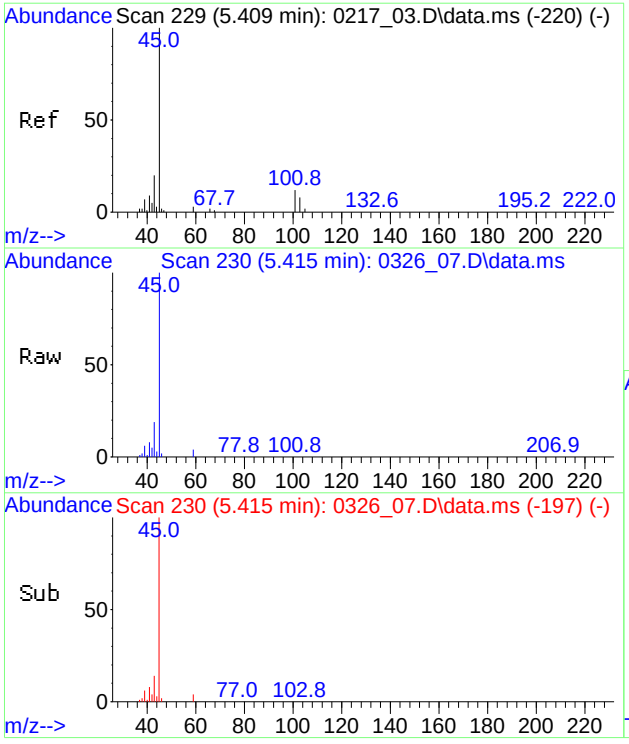


#13
Trichlorofluoromethane
Conc: 8$ 0.408 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:101 Resp: 28335

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.3	76.9
66	13.3	10.7	16.1

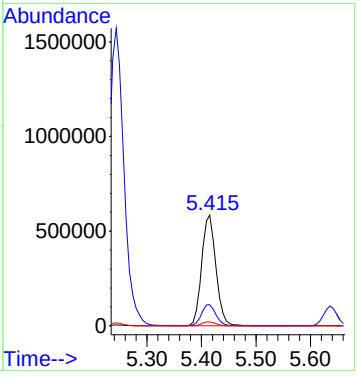


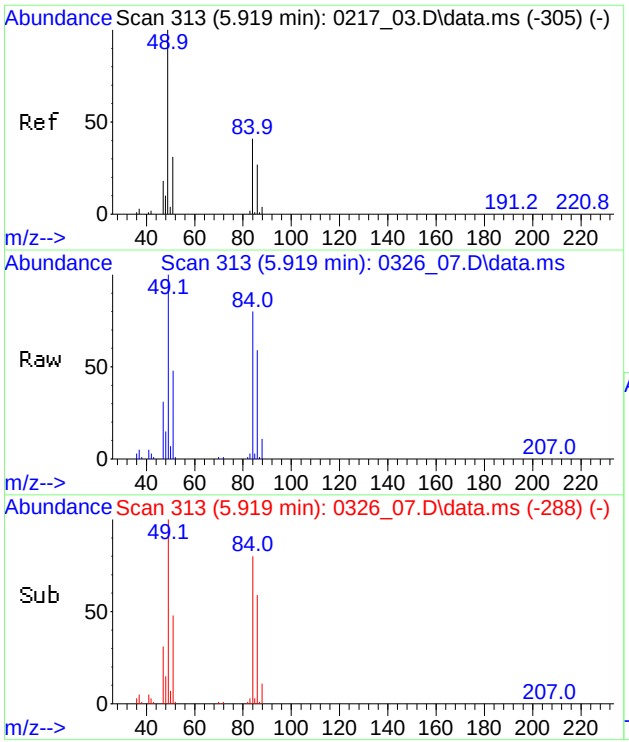


#14
Isopropylalcohol
Conc: 8$ 19.524 ppbv
RT: 5.415 min Scan# 230
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 45 Resp: 1061044

Ion	Ratio	Lower	Upper
45	100		
43	19.3	16.8	25.2
59	3.7	2.8	4.2

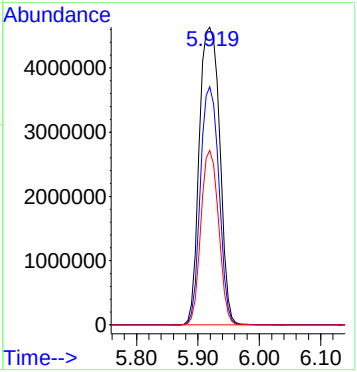


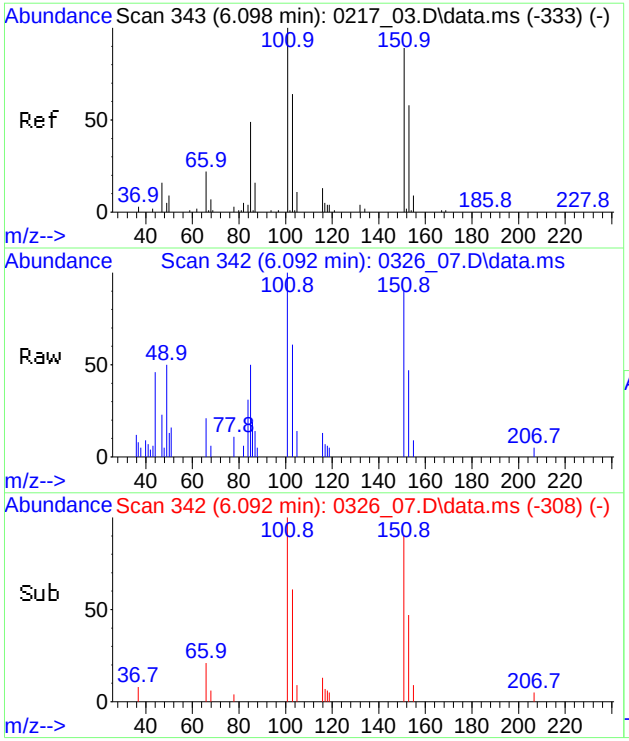


#17
Methylene Chloride
Conc: 8$ 276.855 ppbv
RT: 5.919 min Scan# 313
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 49 Resp:10738991

Ion	Ratio	Lower	Upper
49	100		
84	72.5	37.4	56.0#
86	50.8	24.4	36.6#

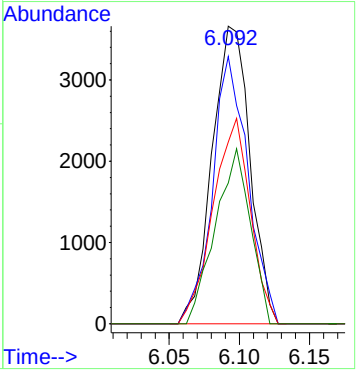


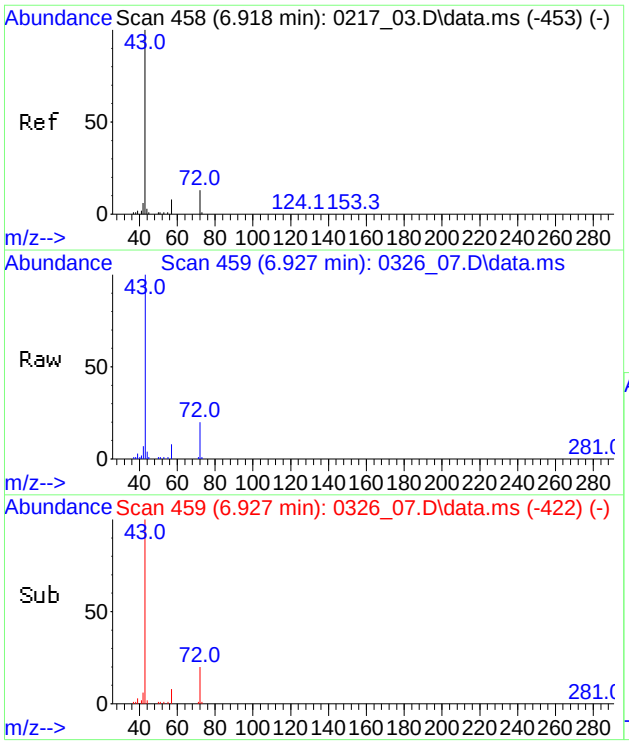


#21
Trichlorotrifluoroethane
Conc: 8$ Below Cal
RT: 6.092 min Scan# 342
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:101 Resp: 6871

Ion	Ratio	Lower	Upper
101	100		
151	84.0	72.0	108.0
103	67.9	53.2	79.8
153	54.3	44.3	66.5

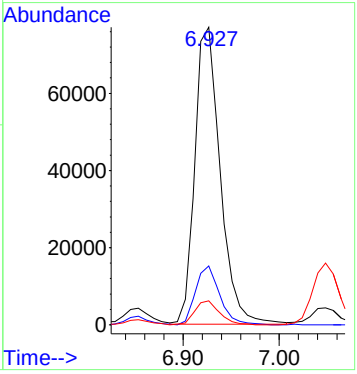


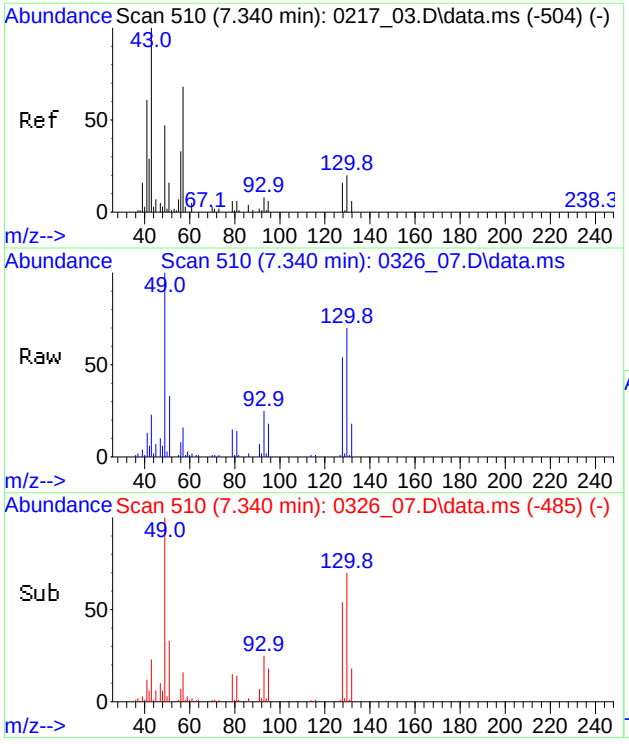


#25
Methyl Ethyl Ketone
Conc: 8$ 2.270 ppbv
RT: 6.927 min Scan# 459
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 43 Resp: 141767

Ion	Ratio	Lower	Upper
43	100		
72	18.9	11.6	17.4#
57	7.9	6.0	9.0

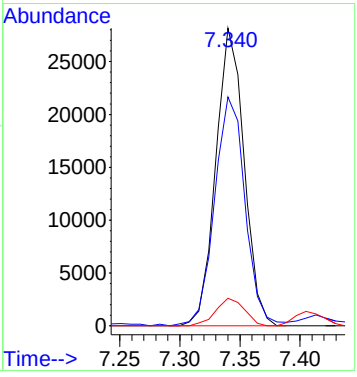


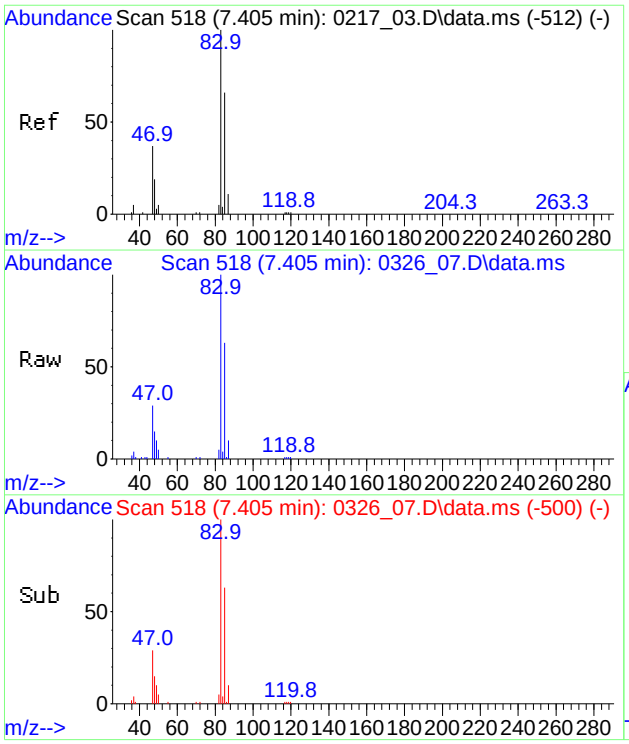


#27
Hexane
Conc: 8$ 0.966 ppbv
RT: 7.340 min Scan# 510
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 57 Resp: 46167

Ion	Ratio	Lower	Upper
57	100		
41	83.1	69.8	104.8
86	9.4	5.8	8.6#

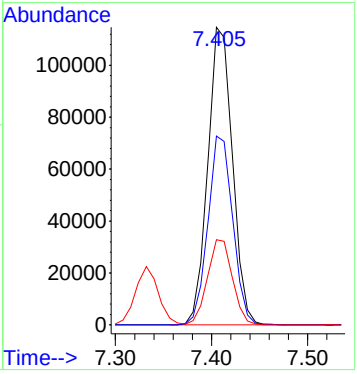


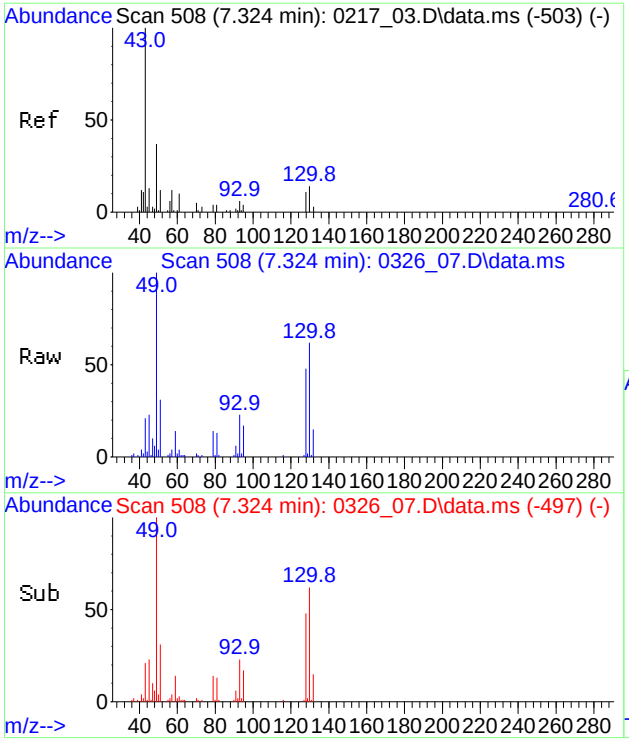


#28
Chloroform
Conc: 8$ 3.638 ppbv
RT: 7.405 min Scan# 518
Delta R.T. -0.008 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 83 Resp: 204656

Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.8	86.8
47	29.0	15.4	55.4

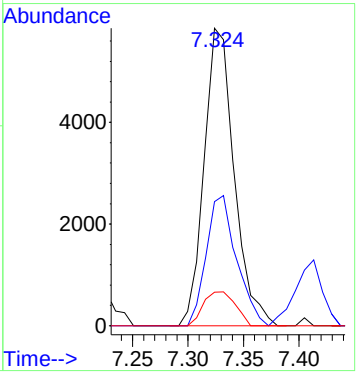


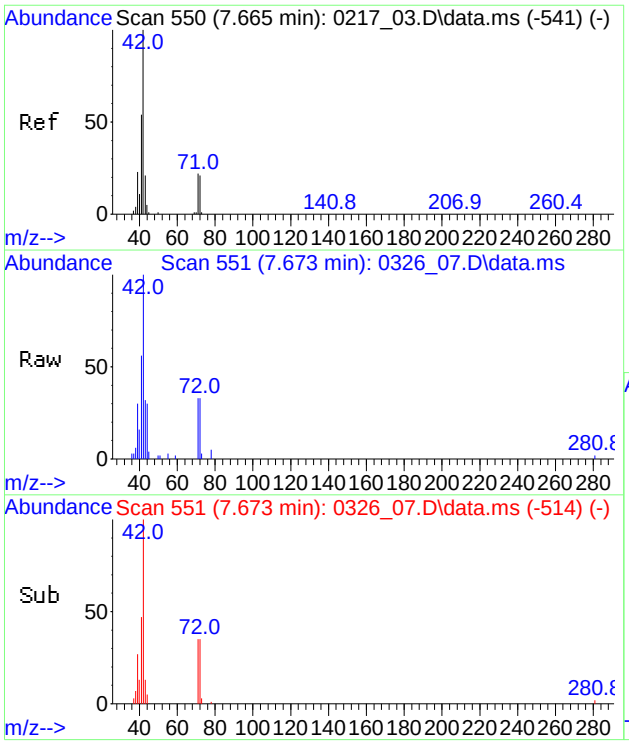


#29
Ethyl acetate
Conc: 8$ 1.024 ppbv
RT: 7.324 min Scan# 508
Delta R.T. -0.008 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 61 Resp: 11017

Ion	Ratio	Lower	Upper
61	100		
70	43.9	46.3	69.5#
88	12.1	12.4	18.6#

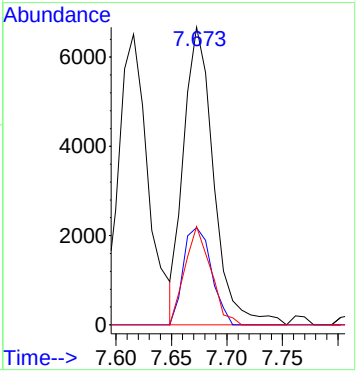


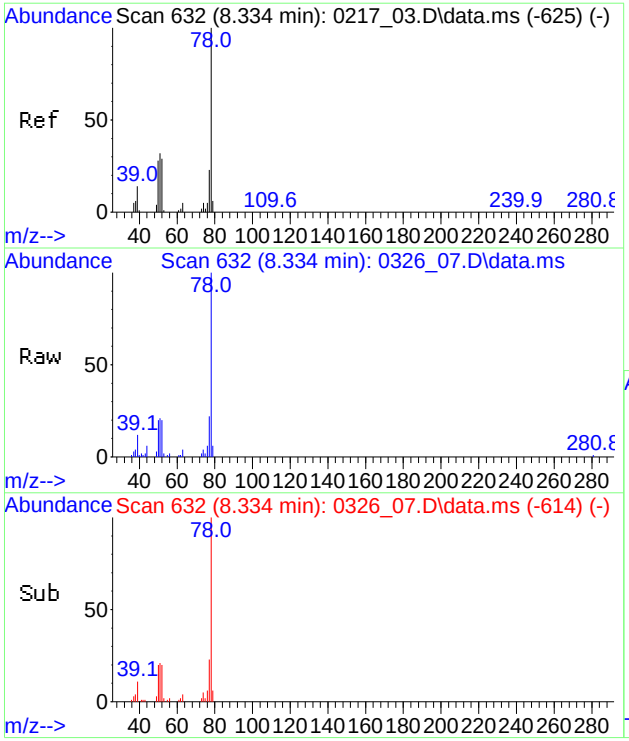


#30
Tetrahydrofuran
Conc: 8$ 0.394 ppbv
RT: 7.673 min Scan# 551
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 42 Resp: 12609

Ion	Ratio	Lower	Upper
42	100		
71	30.6	18.8	28.2#
72	28.6	18.0	27.0#

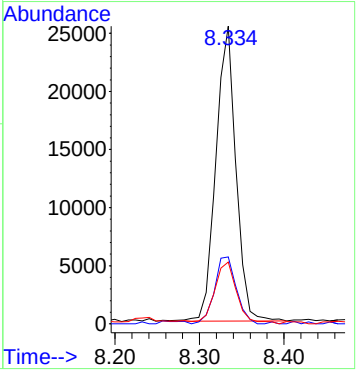


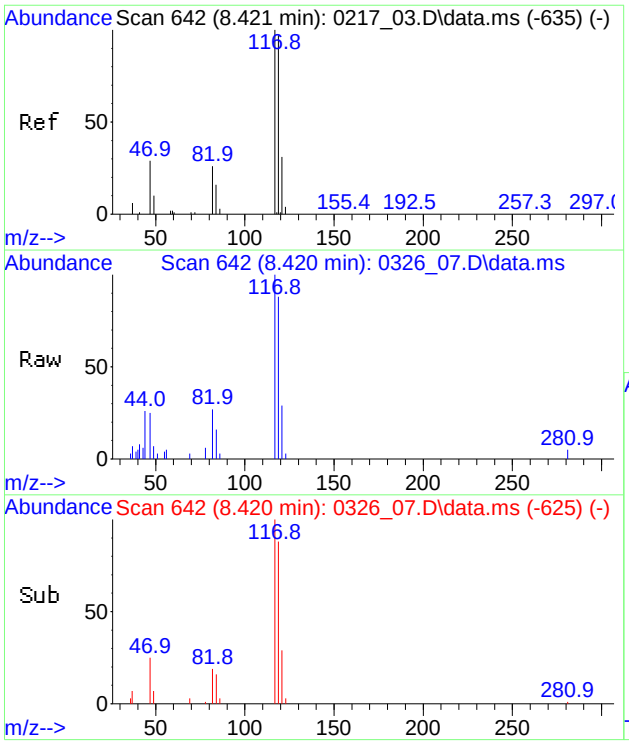


#33
Benzene
Conc: 8$ 0.533 ppbv
RT: 8.334 min Scan# 632
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 78 Resp: 42032

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3
51	23.3	23.9	35.9#

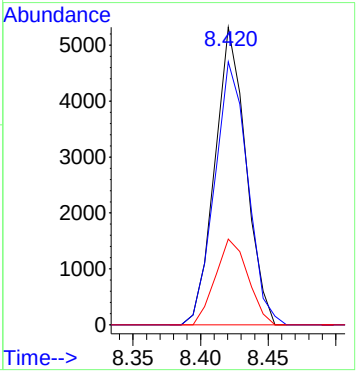


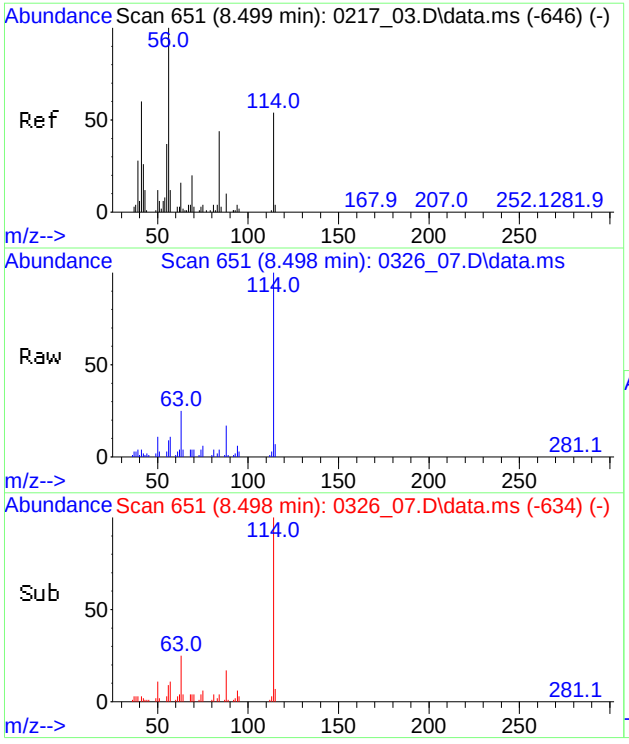


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.420 min Scan# 642
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:117 Resp: 8507

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	115.8
121	30.2	11.5	51.5

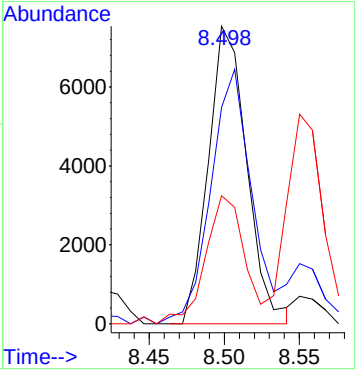


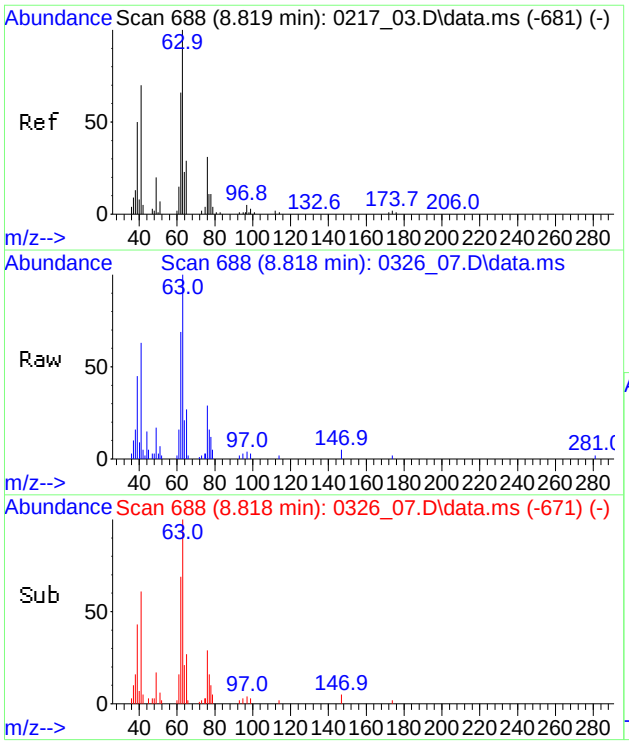


#35
Cyclohexane
Conc: 8$ 0.440 ppbv
RT: 8.498 min Scan# 651
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 84 Resp: 13458

Ion	Ratio	Lower	Upper
84	100		
55	89.7	69.5	104.3
42	44.1	41.7	62.5

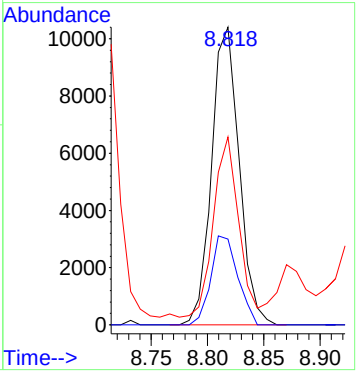


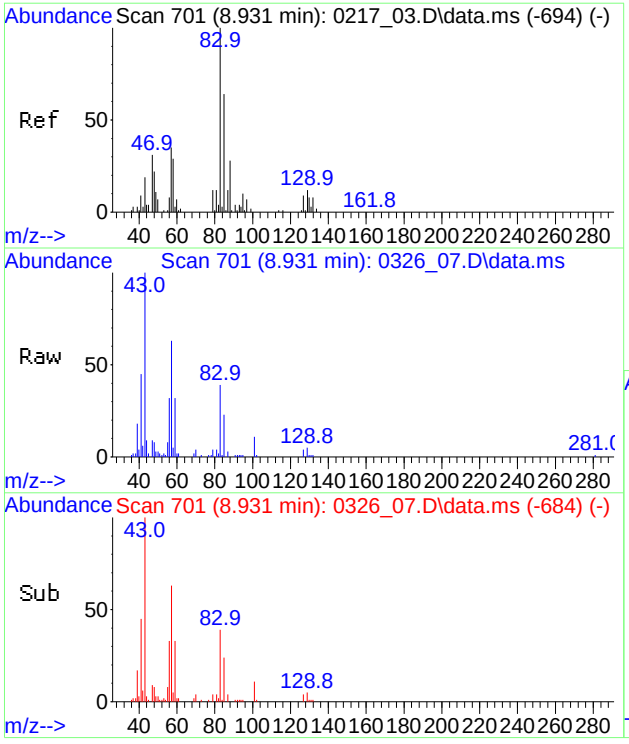


#37
1,2-dichloropropane
Conc: 8$ 0.502 ppbv
RT: 8.818 min Scan# 688
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 63 Resp: 17745

Ion	Ratio	Lower	Upper
63	100		
76	29.2	23.4	35.0
41	55.3	51.7	77.5

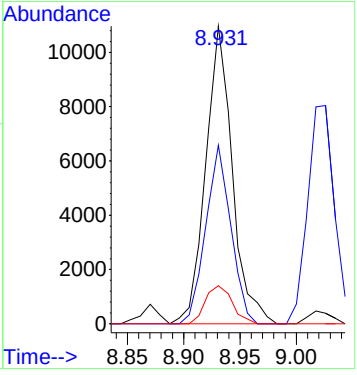


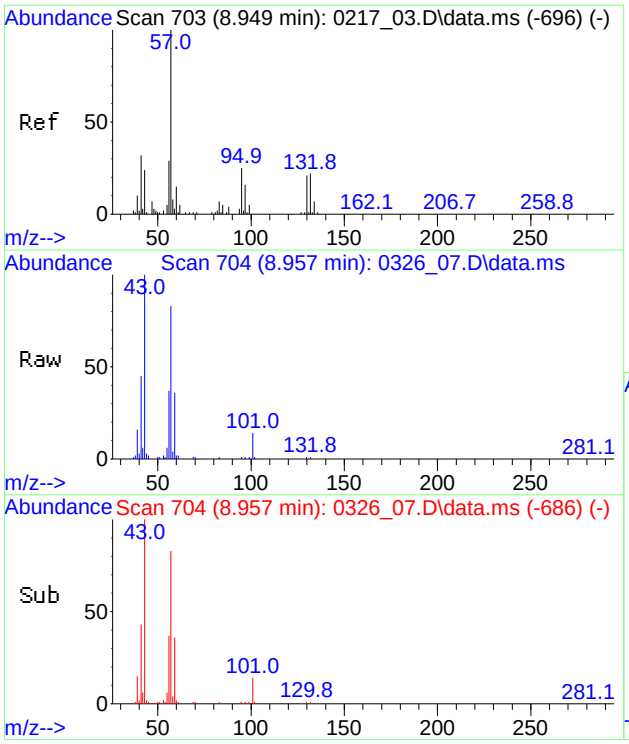


#38
Bromodichloromethane
Conc: 8$ 0.299 ppbv
RT: 8.931 min Scan# 701
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 83 Resp: 18037

Ion	Ratio	Lower	Upper
83	100		
85	56.5	43.3	83.3
129	12.9	0.0	31.3

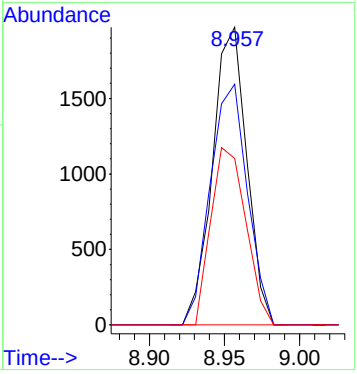


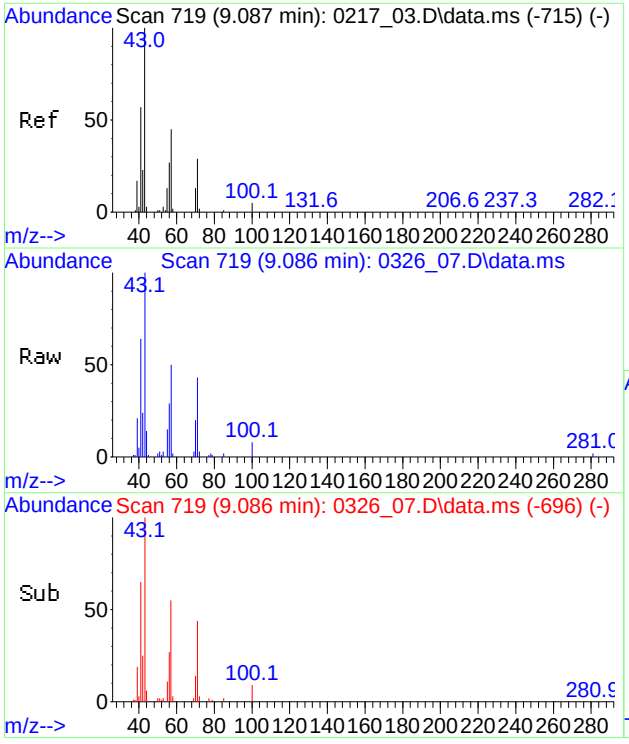


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.957 min Scan# 704
Delta R.T. 0.009 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:130 Resp: 3140

Ion	Ratio	Lower	Upper
130	100		
132	87.6	82.2	123.2
97	60.7	61.4	92.0#

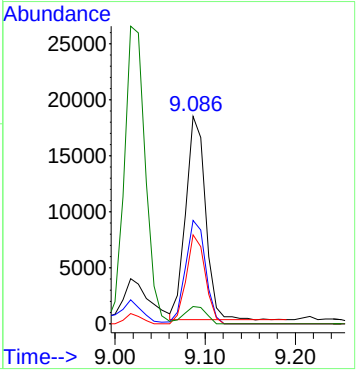


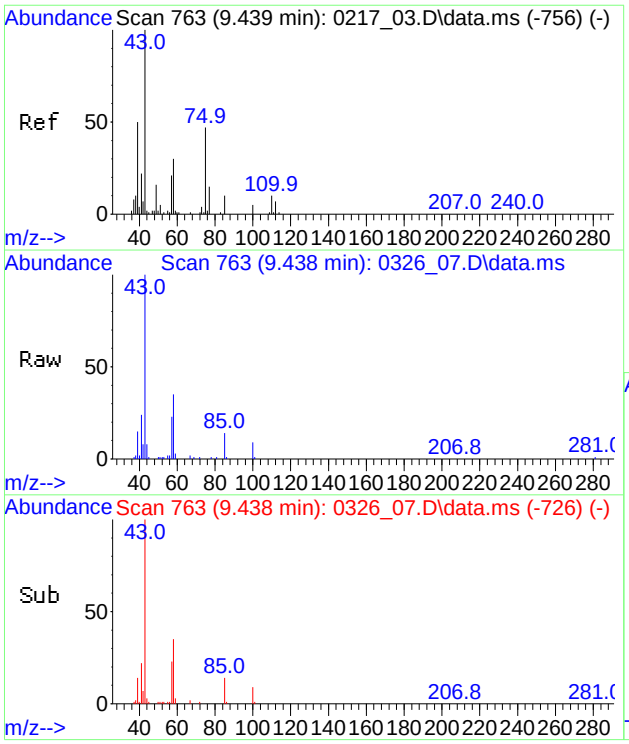


#43
Heptane
Conc: 8$ 0.456 ppbv
RT: 9.086 min Scan# 719
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 43 Resp: 27656

Ion	Ratio	Lower	Upper
43	100		
57	51.8	37.4	56.0
71	42.2	26.7	40.1#
100	9.4	4.7	7.1#

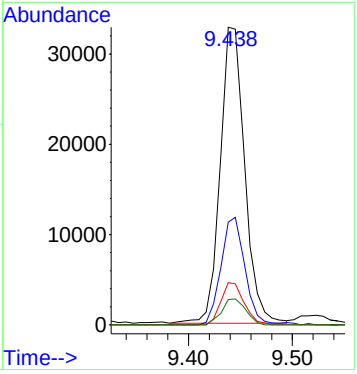


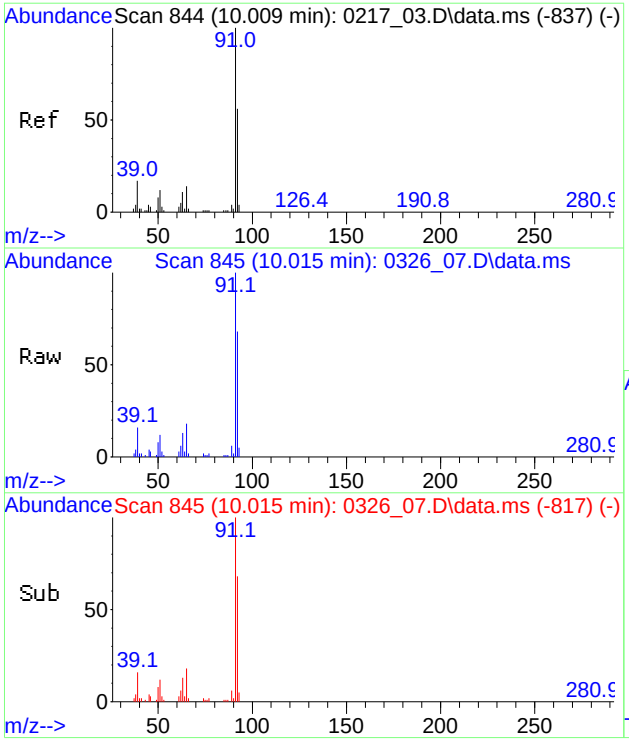


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.688 ppbv
RT: 9.438 min Scan# 763
Delta R.T. -0.007 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 43 Resp: 53972

Ion	Ratio	Lower	Upper
43	100		
58	35.9	24.3	36.5
85	13.5	9.0	13.6
100	8.6	5.0	7.4#

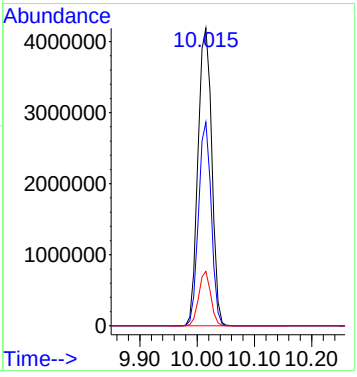


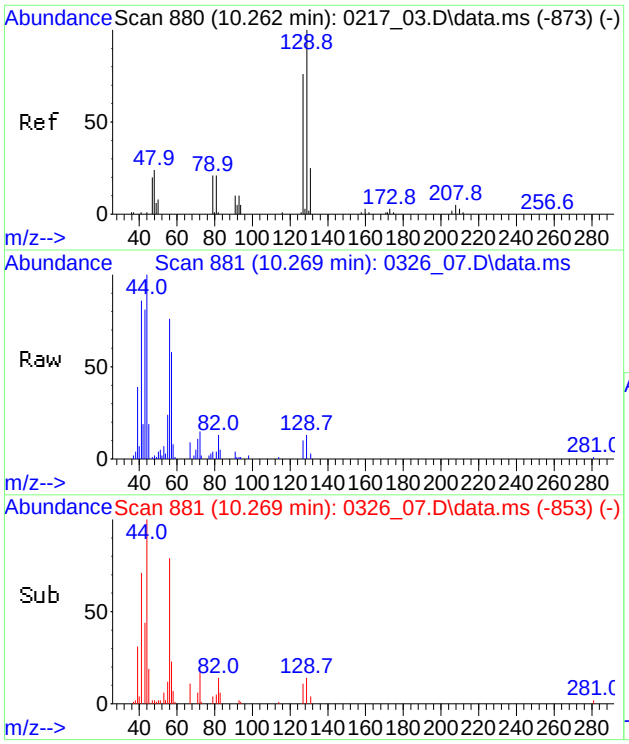


#48
Toluene
Conc: 8$ 71.833 ppbv
RT: 10.015 min Scan# 845
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 91 Resp: 6989931

Ion	Ratio	Lower	Upper
91	100		
92	63.2	42.6	63.8
65	16.0	10.0	15.0#

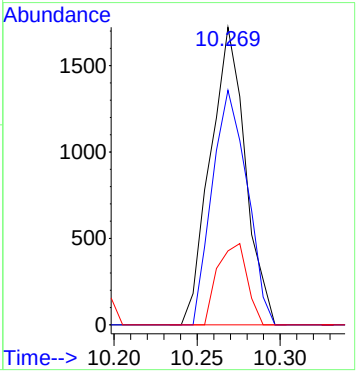


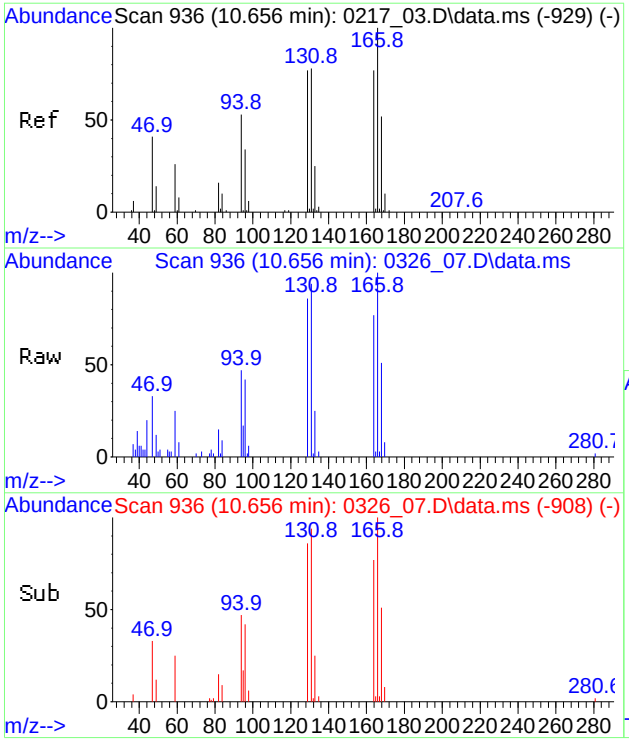


#49
Dibromochloromethane
Conc: 8$ Below Cal
RT: 10.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:129 Resp: 2528

Ion	Ratio	Lower	Upper
129	100		
127	78.6	61.6	92.4
131	23.0	20.9	31.3

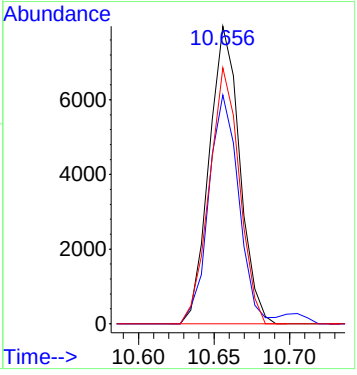


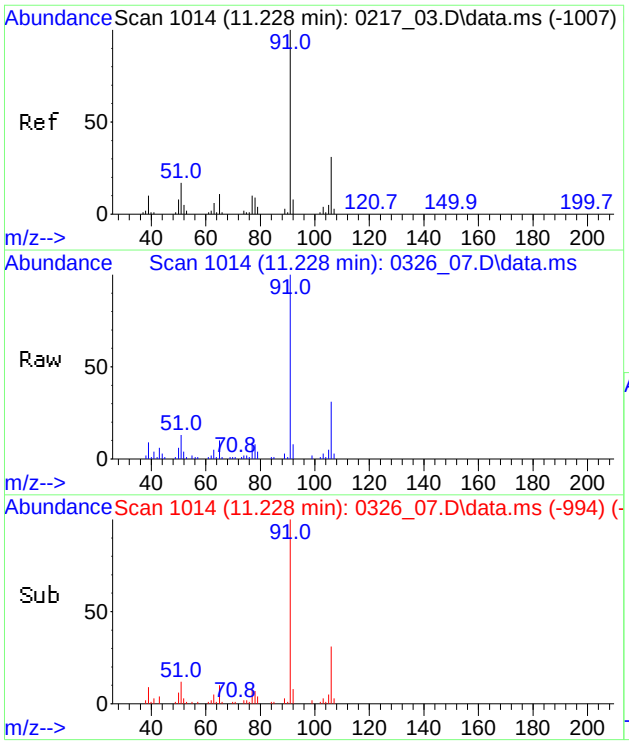


#52
Tetrachloroethene
Conc: 8$ 0.242 ppbv
RT: 10.656 min Scan# 936
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:166 Resp: 11239

Ion	Ratio	Lower	Upper
166	100		
164	75.8	61.8	92.8
129	84.4	62.3	93.5

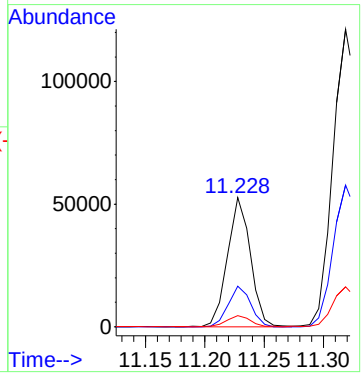


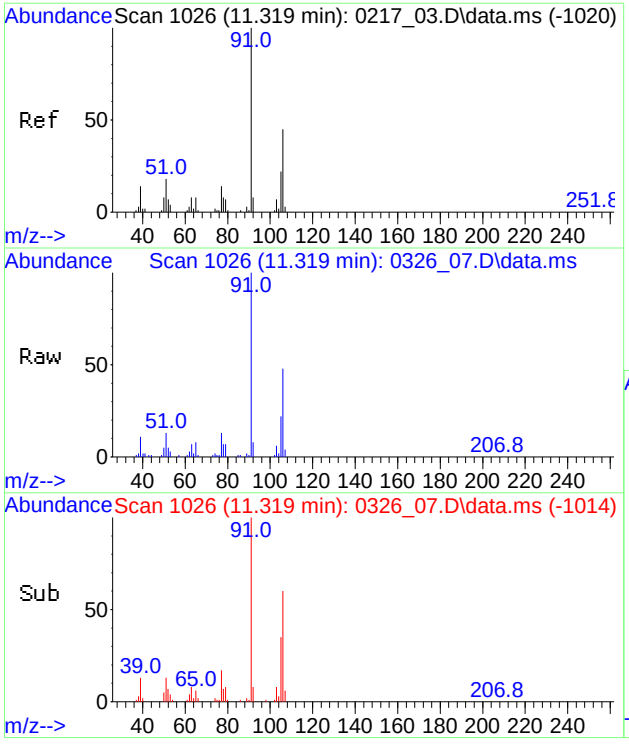


#56
Ethylbenzene
Conc: 8$ 0.590 ppbv
RT: 11.228 min Scan# 1014
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 91 Resp: 71151

Ion	Ratio	Lower	Upper
91	100		
106	30.8	9.8	49.8
77	9.3	0.0	29.5

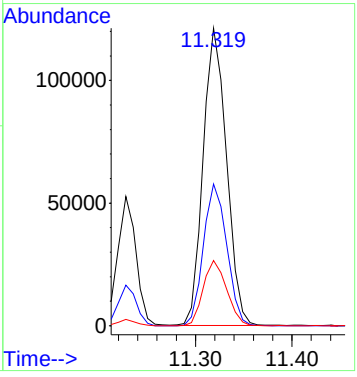


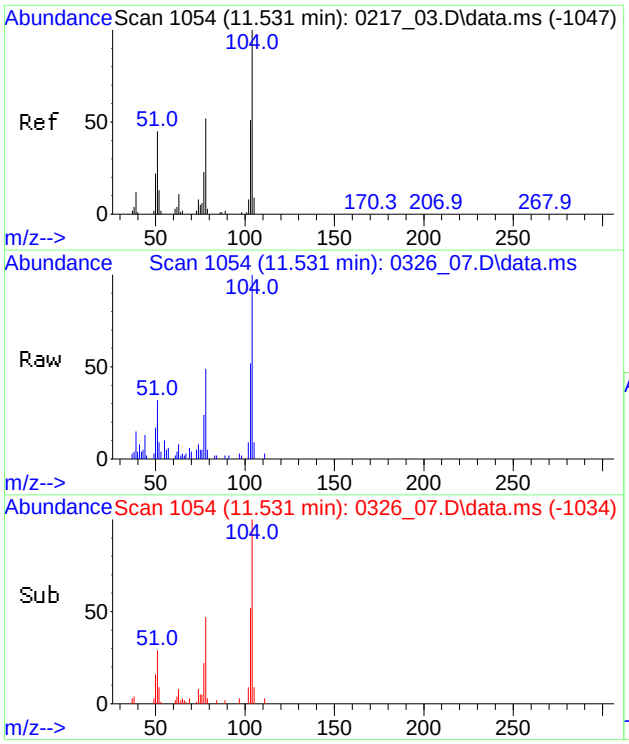


#57
m,p-Xylene
Conc: 8$ 2.224 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 91 Resp: 203427

Ion	Ratio	Lower	Upper
91	100		
106	47.7	36.7	55.1
105	22.2	19.2	28.8

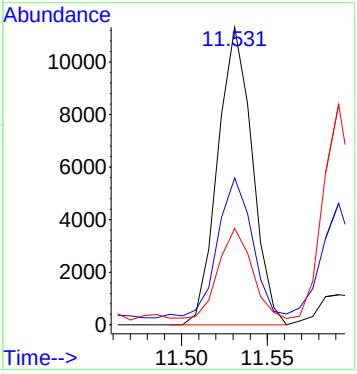


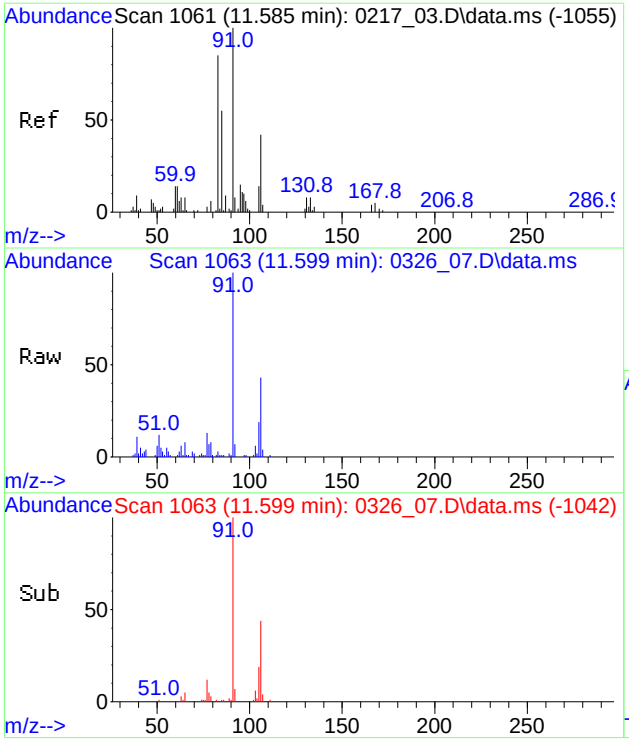


#59
Styrene
Conc: 8$ 0.233 ppbv
RT: 11.531 min Scan# 1054
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:104 Resp: 15841

Ion	Ratio	Lower	Upper
104	100		
78	47.9	40.6	61.0
51	30.7	32.7	49.1#

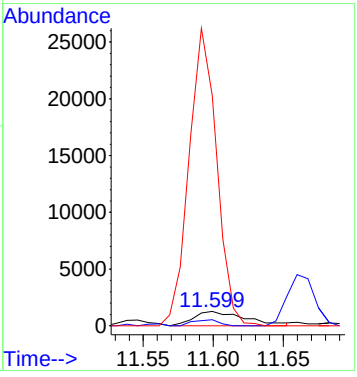


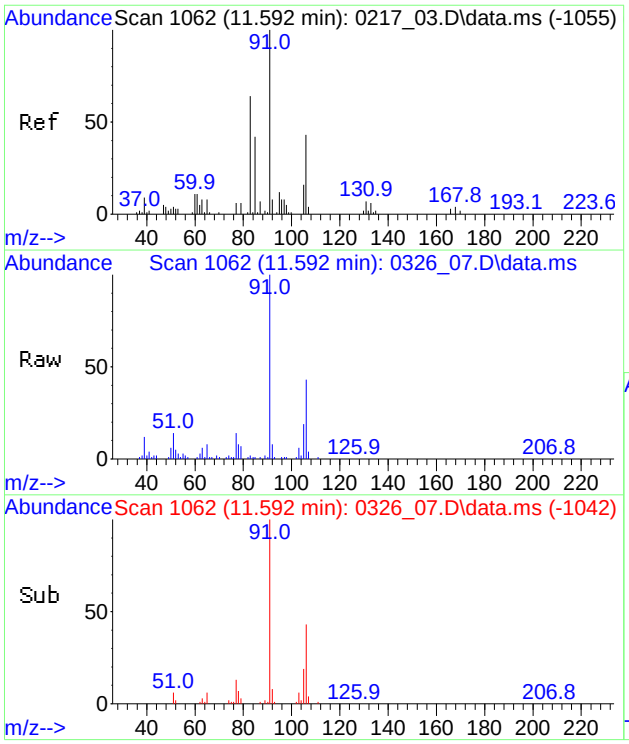


#60
1,1,2,2-Tetrachloroethane
Conc: 8$ Below Cal
RT: 11.599 min Scan# 1063
Delta R.T. 0.008 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 83 Resp: 3267

Ion	Ratio	Lower	Upper
83	100		
85	21.7	53.6	80.4#
106	1103.5	45.9	68.9#

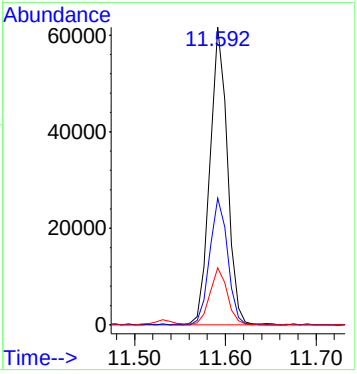


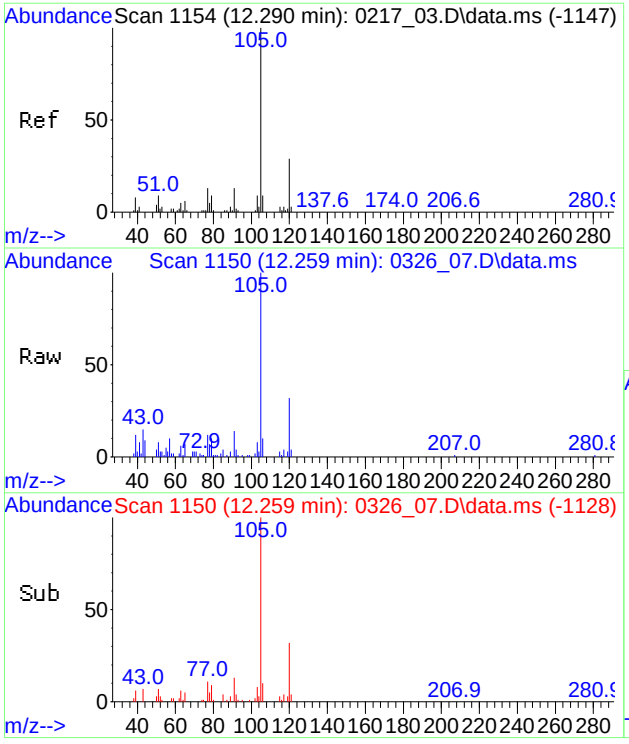


#61
o-Xylene
Conc: 8$ 0.841 ppbv
RT: 11.592 min Scan# 1062
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 91 Resp: 82632

Ion	Ratio	Lower	Upper
91	100		
106	43.6	34.5	51.7
105	19.1	17.1	25.7

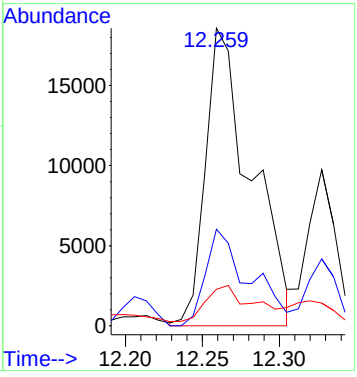


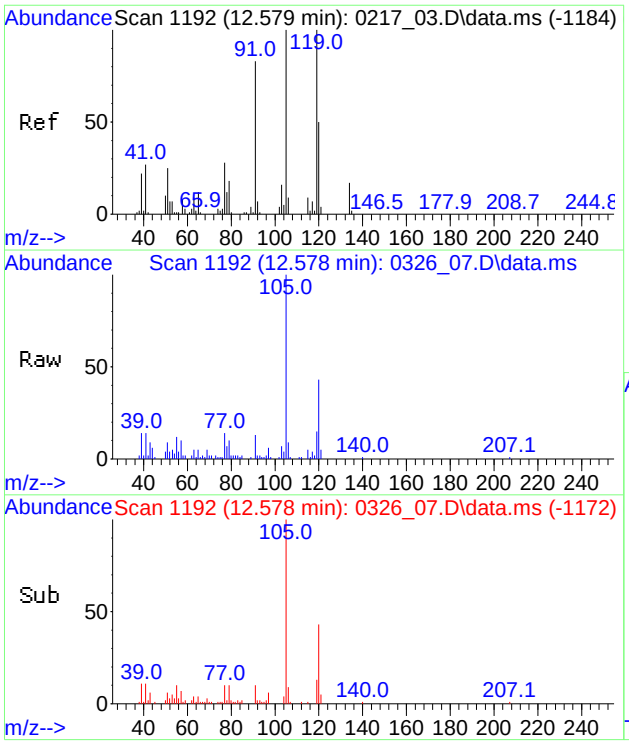


#65
4-Ethyltoluene
Conc: 8$ 0.287 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:105 Resp: 38260

Ion	Ratio	Lower	Upper
105	100		
120	31.2	22.9	34.3
77	12.7	10.1	15.1

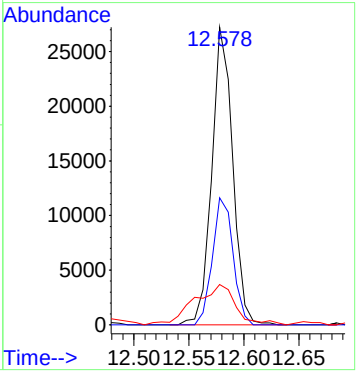


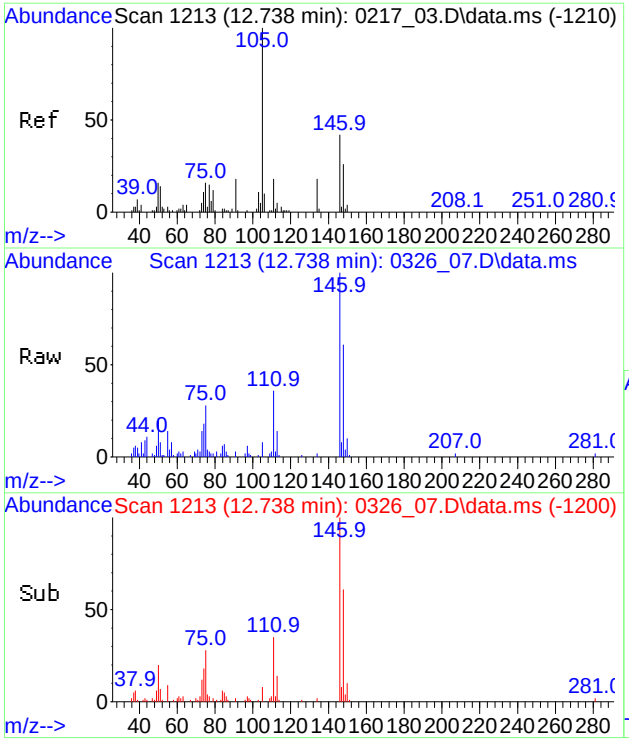


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.318 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:105 Resp: 35699

Ion	Ratio	Lower	Upper
105	100		
120	42.1	39.4	59.2
77	27.1	22.4	33.6

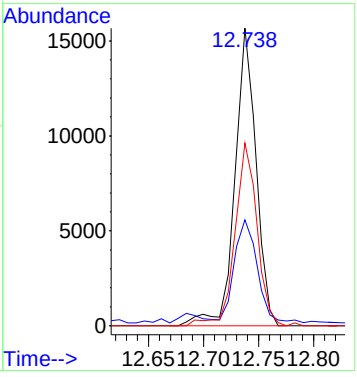


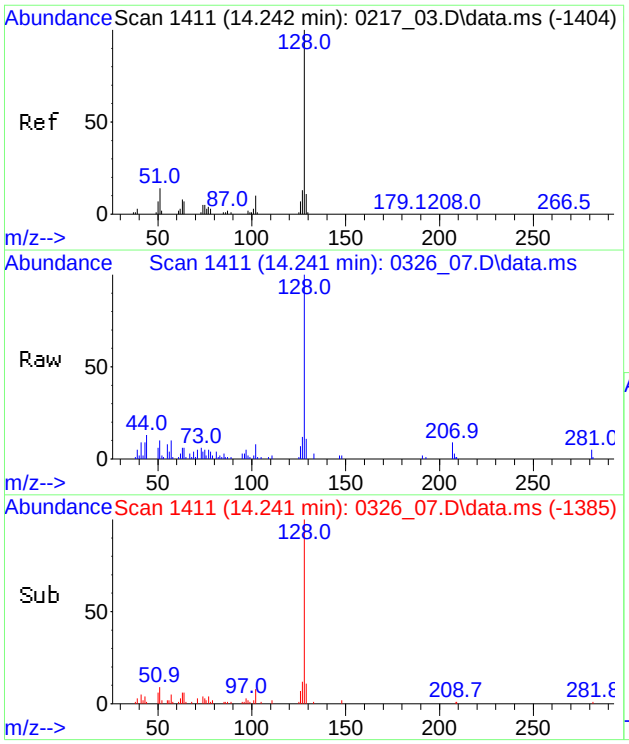


#70
1,4-Dichlorobenzene
Conc: 8$ 0.307 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:146 Resp: 20985

Ion	Ratio	Lower	Upper
146	100		
111	37.1	31.9	47.9
148	64.3	51.0	76.6

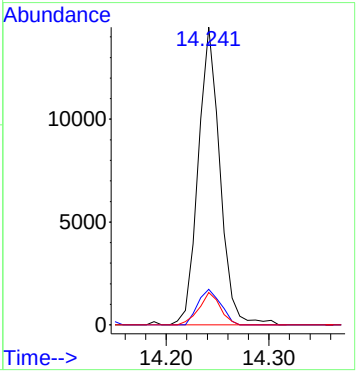


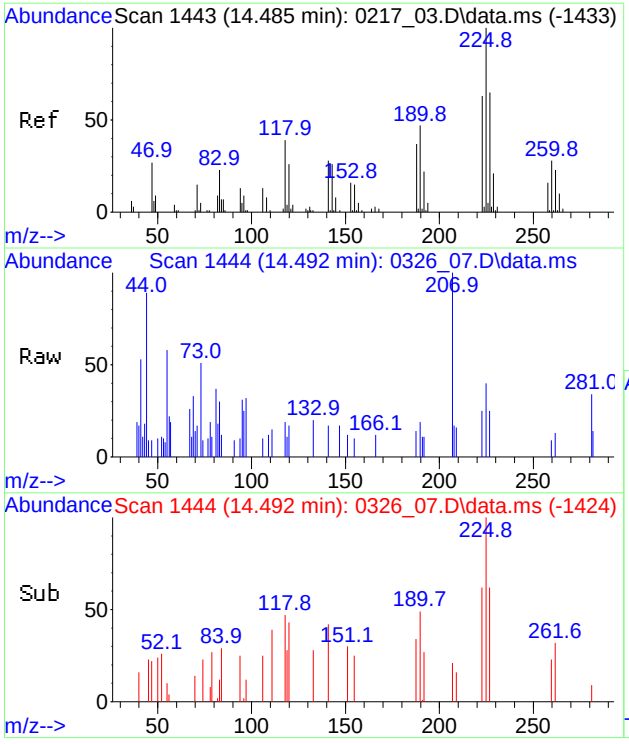


#76
Naphthalene
Conc: 8$ 0.224 ppbv
RT: 14.241 min Scan# 1411
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:128 Resp: 21291

Ion	Ratio	Lower	Upper
128	100		
127	12.5	12.9	12.9#
129	10.7	8.2	12.2

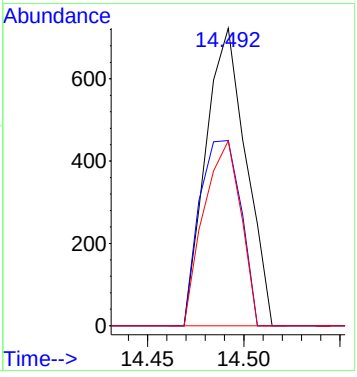


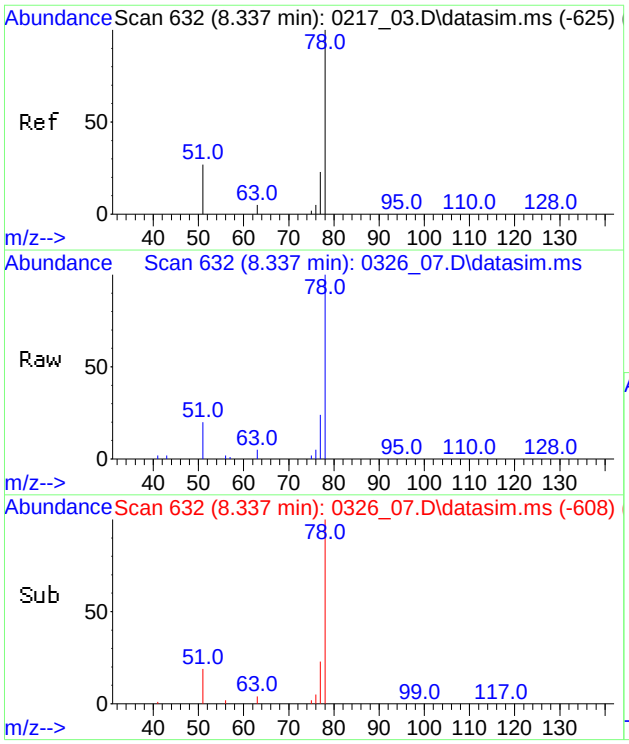


#77
Hexachlorobutadiene
Conc: 8$ Below Cal
RT: 14.492 min Scan# 1444
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:225 Resp: 1048

Ion	Ratio	Lower	Upper
225	100		
223	63.9	38.5	89.7
227	57.0	38.0	88.6

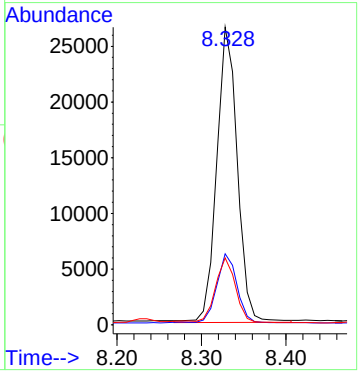


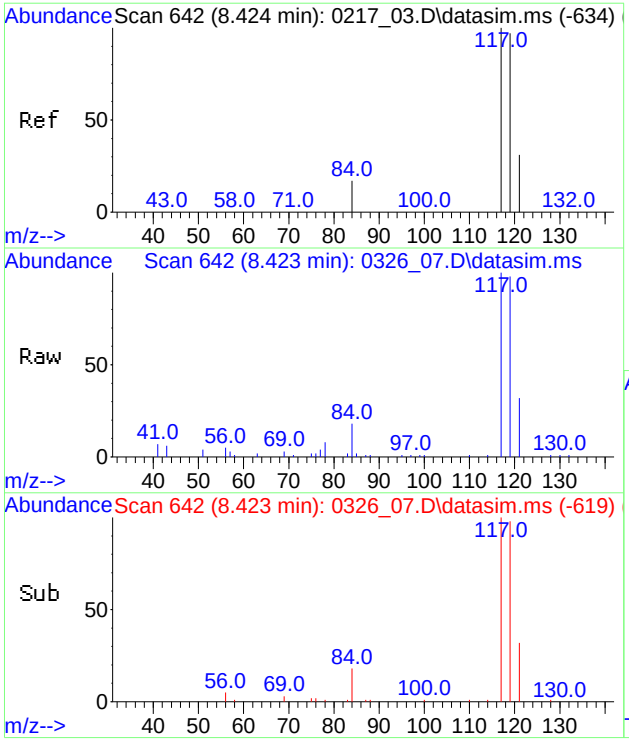


#85
Benzene(sim)
Conc: 8$ 0.436 ppbv
RT: 8.334 min Scan# 632
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 78 Resp: 42111

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3
51	23.2	23.9	35.9#

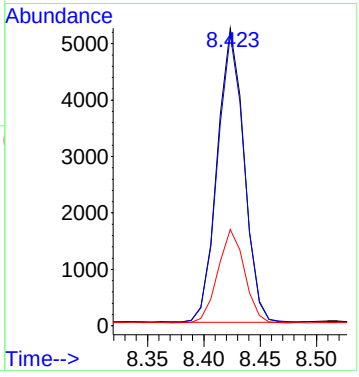


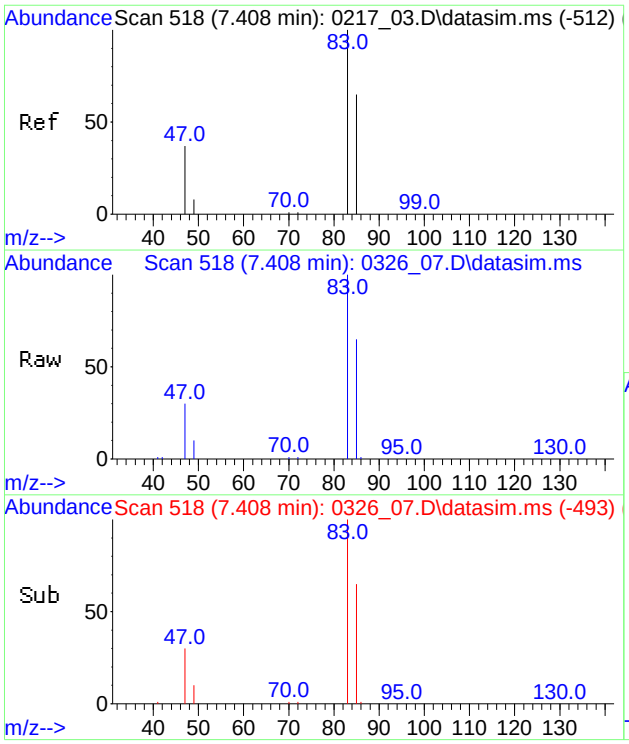


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.131 ppbv
RT: 8.423 min Scan# 642
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:117 Resp: 8606

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.2	115.8
121	31.5	24.4	36.6

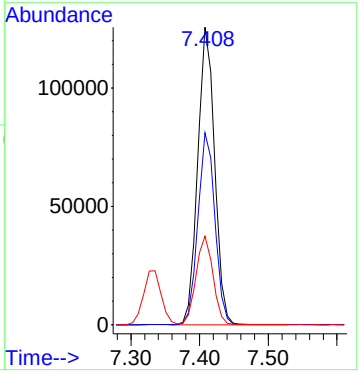


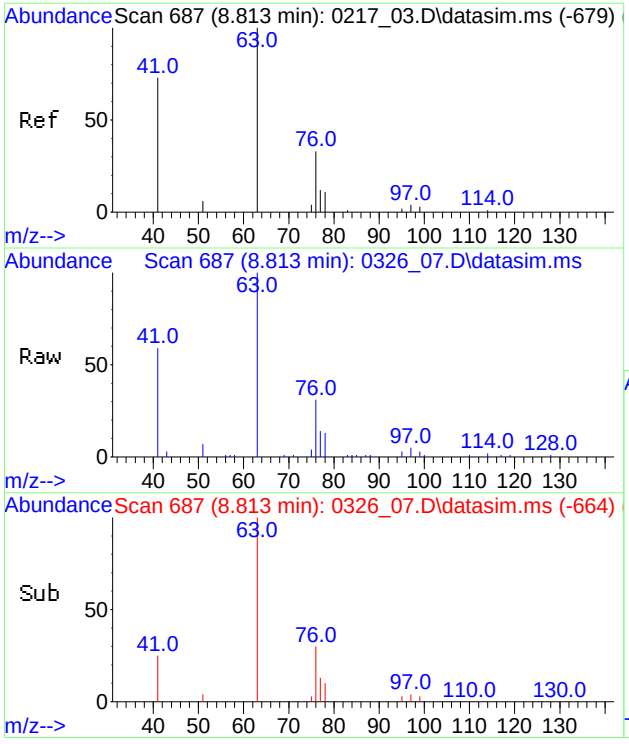


#92
Chloroform(sim)
Conc: 8$ 3.316 ppbv
RT: 7.408 min Scan# 518
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 83 Resp: 214349

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4
47	29.9	28.2	42.2

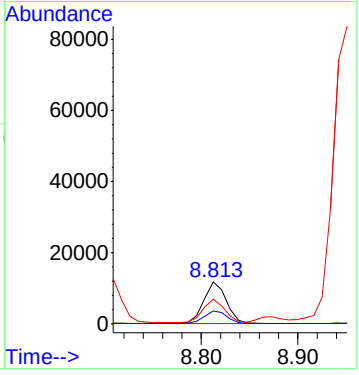


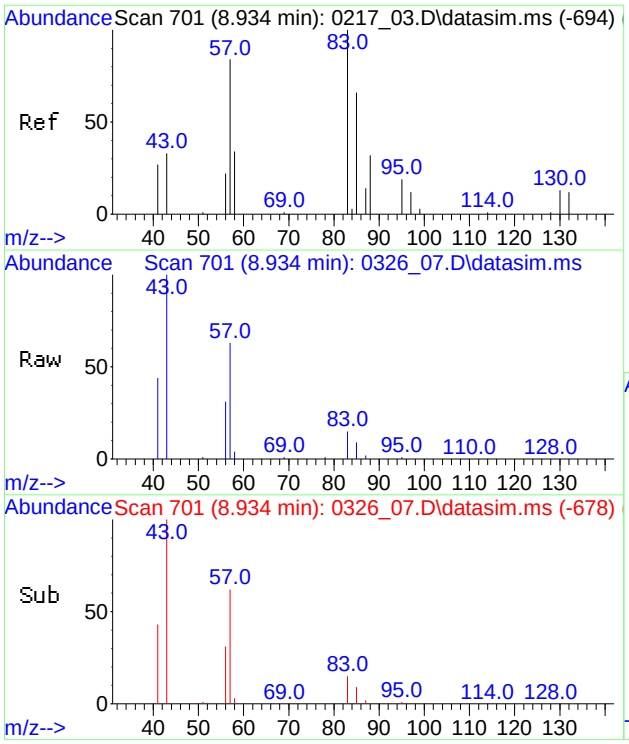


#94
1,2-dichloropropane(sim)
Conc: 8$ 0.475 ppbv
RT: 8.813 min Scan# 687
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 63 Resp: 18731

Ion	Ratio	Lower	Upper
63	100		
76	30.6	24.2	36.4
41	53.0	51.4	77.2

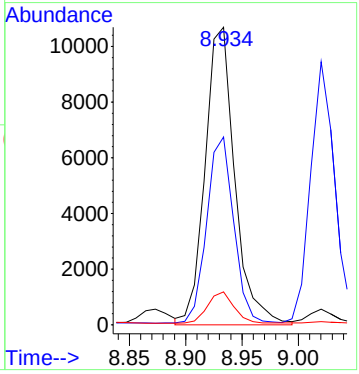


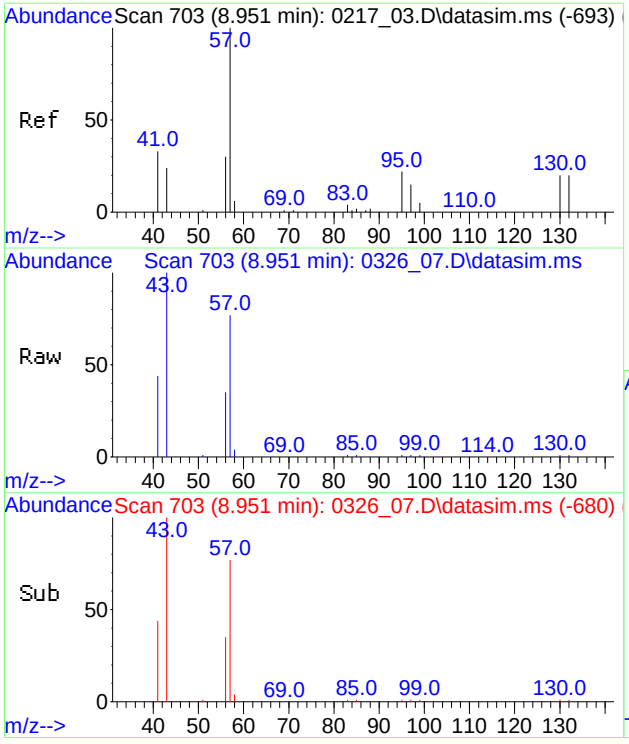


#95
Bromodichloromethane(sim)
Conc: 8$ 0.286 ppbv
RT: 8.931 min Scan# 701
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 83 Resp: 18037

Ion	Ratio	Lower	Upper
83	100		
85	56.5	43.3	83.3
87	8.6	0.0	32.9

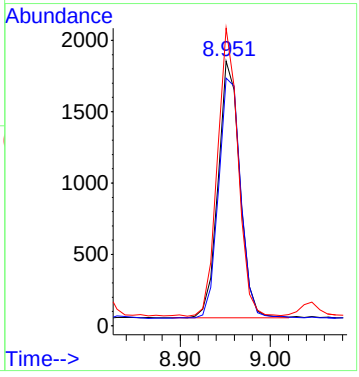


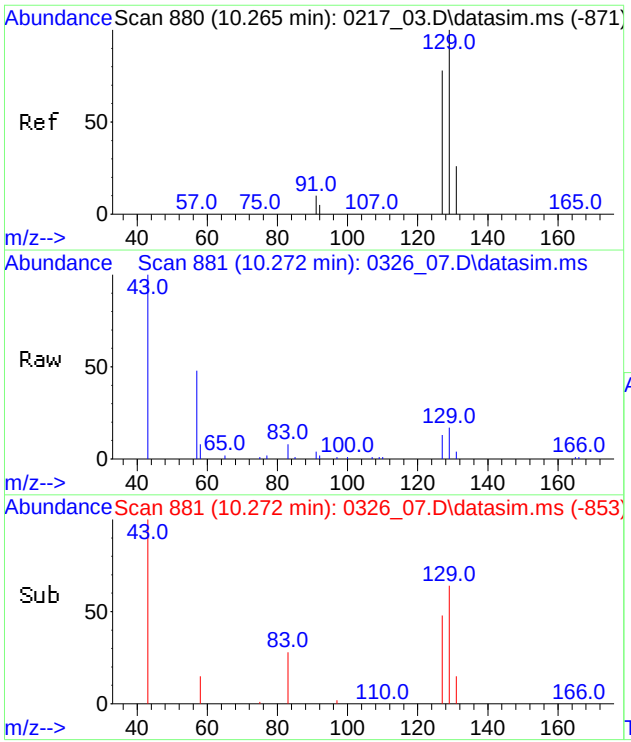


#96
Trichloroethene(sim)
Conc: 8$ 0.078 ppbv
RT: 8.951 min Scan# 703
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:130 Resp: 3005

Ion	Ratio	Lower	Upper
130	100		
132	95.9	81.0	121.4
95	106.7	89.4	134.2

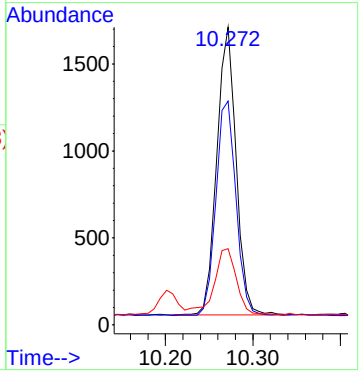


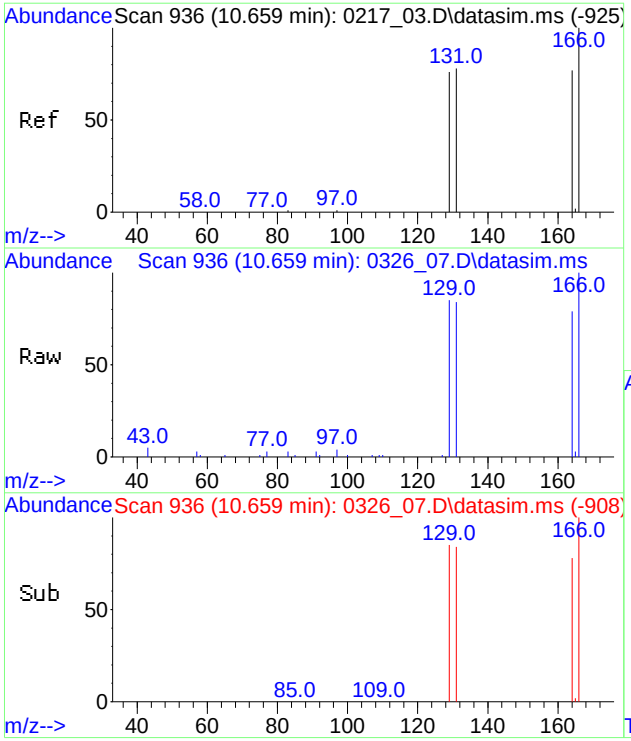


#100
Dibromochloromethane(sim)
Conc: 8$ 0.038 ppbv
RT: 10.272 min Scan# 881
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:129 Resp: 2532

Ion	Ratio	Lower	Upper
129	100		
127	78.1	57.2	97.2
131	26.3	5.5	45.5

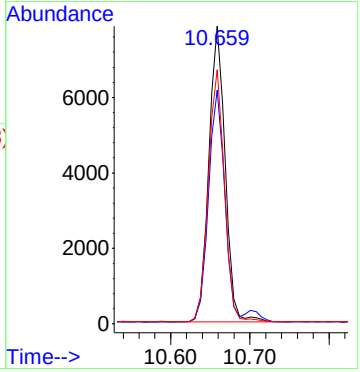


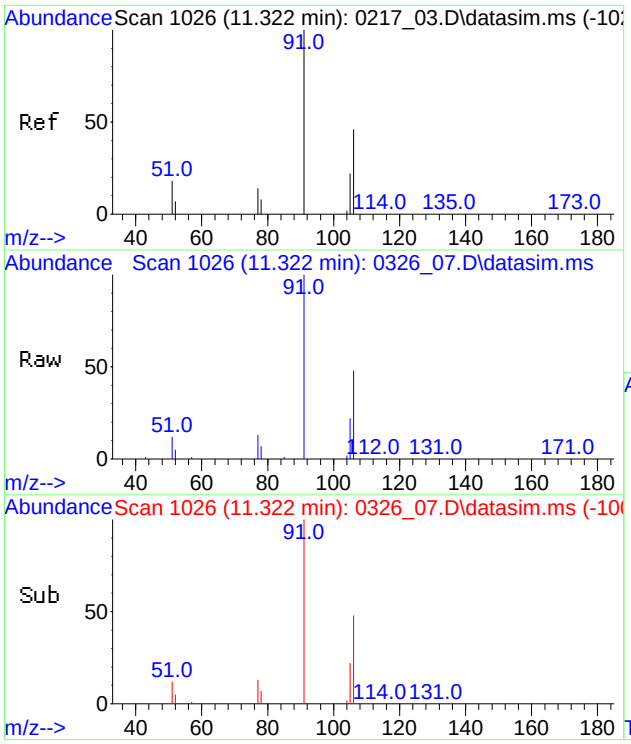


#102
Tetrachloroethene(sim)
Conc: 8$ 0.231 ppbv
RT: 10.659 min Scan# 936
Delta R.T. -0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:166 Resp: 11234

Ion	Ratio	Lower	Upper
166	100		
164	77.7	58.6	98.6
129	84.5	57.2	97.2

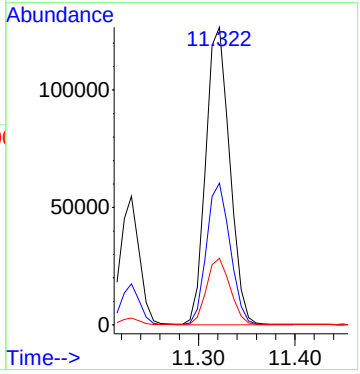


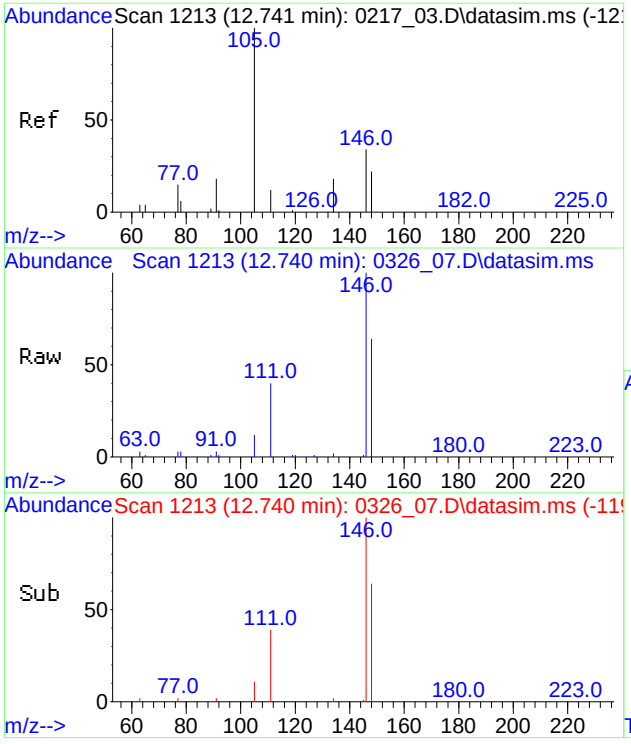


#105
m,p-Xylene(sim)
Conc: 8$ 2.040 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion: 91 Resp: 204817

Ion	Ratio	Lower	Upper
91	100		
106	47.4	41.0	50.1
105	22.0	19.1	28.7

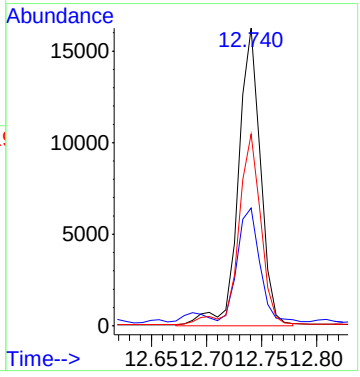


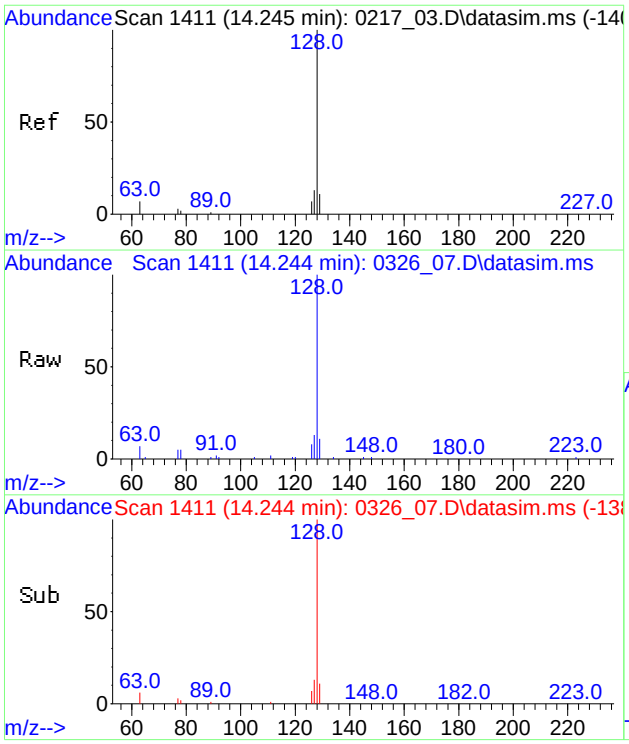


#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.291 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:146 Resp: 20985

Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.9	59.9
148	64.3	43.8	83.8

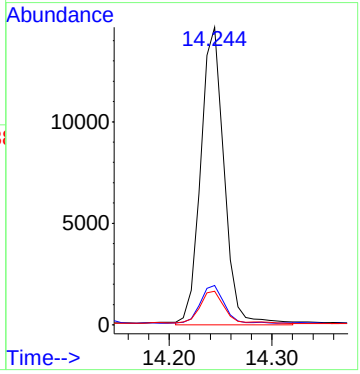




#115
Naphthalene(sim)
Conc: 8$ 0.266 ppbv
RT: 14.241 min Scan# 1411
Delta R.T. 0.000 min
Lab File: 0326_07.D
Acq: 26 Mar 2025 5:56 pm

Tgt Ion:128 Resp: 21291

Ion	Ratio	Lower	Upper
128	100		
127	12.5	0.0	0.0#
129	10.7	0.0	0.0#



AIR ANALYSIS DATA SHEET

CLIENT ID: CS90762 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 BL

Canister: BL Lab File ID: 0326_05.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.250	U	0.250	0.250	r
74-87-3	Chloromethane	0.250	U	0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	0.375	U	0.375	0.375	r
67-64-1	Acetone	0.375	U	0.375	0.375	r
67-63-0	Isopropylalcohol	0.375	U	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	1.50	U	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.225	U	0.225	0.225	r
110-54-3	Hexane	0.225	U	0.225	0.225	r
141-78-6	Ethyl acetate	0.250	U	0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
110-82-7	Cyclohexane	0.250	U	0.250	0.250	r
540-84-1	2,2,4-trimethylpentane	0.100	U	0.100	0.100	r
142-82-5	Heptane	0.250	U	0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.250	U	0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	0.250	U	0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.250	U	0.250	0.250	r
100-42-5	Styrene	0.100	U	0.100	0.100	r
95-47-6	o-Xylene	0.250	U	0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	0.250	U	0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.050	U	0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	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

CS90762 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 BL

Canister: BL Lab File ID: 0326_05.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.250	U	0.250	0.250	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
71-43-2	Benzene(sim)	0.100	U	0.100	0.100	r
56-23-5	Carbon Tetrachloride(sim)	0.043	U	0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
67-66-3	Chloroform(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.010	U	0.010	0.010	r
75-27-4	Bromodichloromethane(sim)	0.010	U	0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.025	U	0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.010	U	0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
127-18-4	Tetrachloroethene(sim)	0.050	U	0.050	0.050	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
179601-23-1	m,p-Xylene(sim)	0.500	U	0.500	0.500	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
106-46-7	1,4-Dichlorobenzene(sim)	0.040	U	0.040	0.040	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 4:36 pm
Operator :
Client ID : CS90762 BLANK
Lab ID : CS90762 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

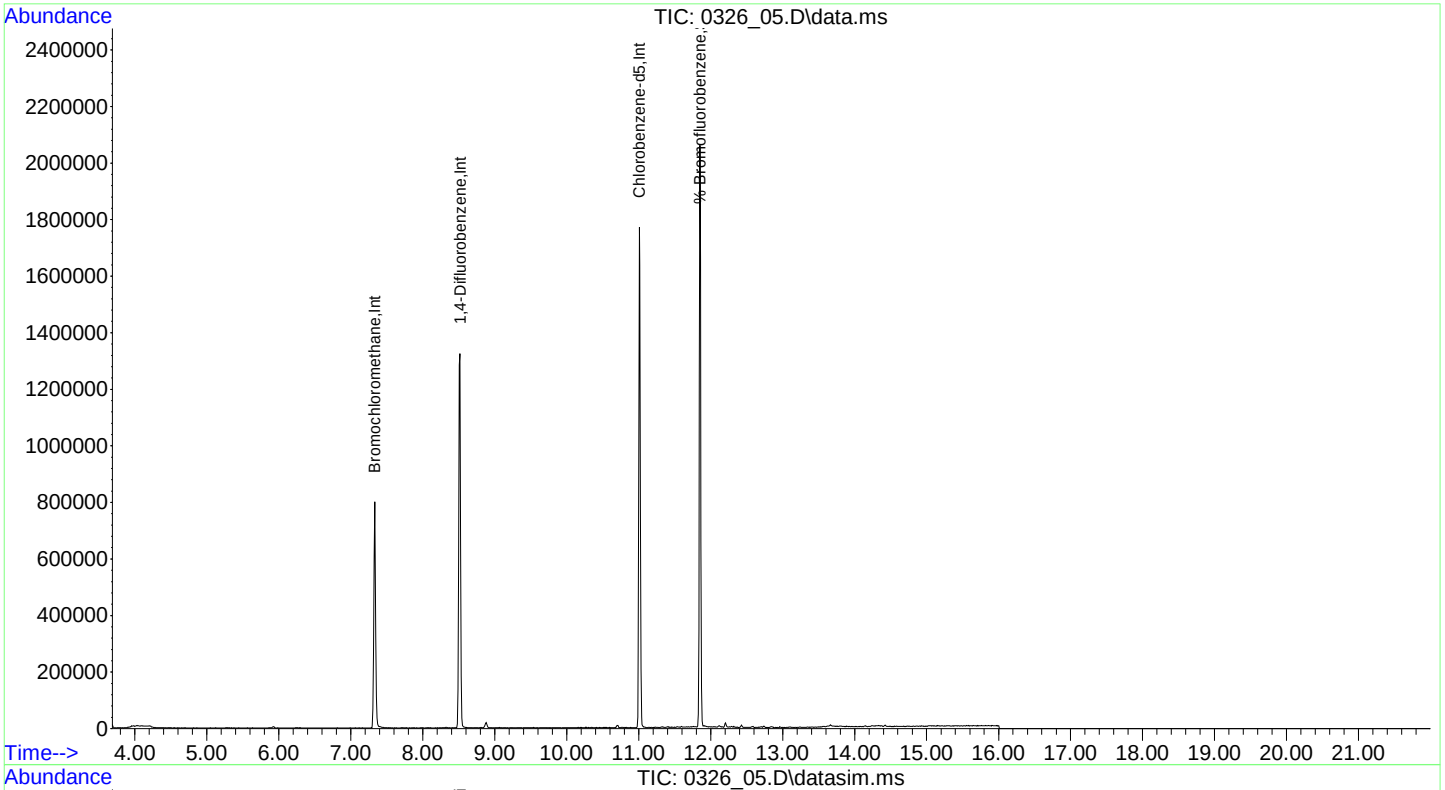
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	247545	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	920171	10.000	ng		0.00
53) Chlorobenzene-d5	11.008	82	467197	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	245982	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	920171	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.008	82	467197	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	574979	9.517	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.20%				
Target Compounds							Qvalue

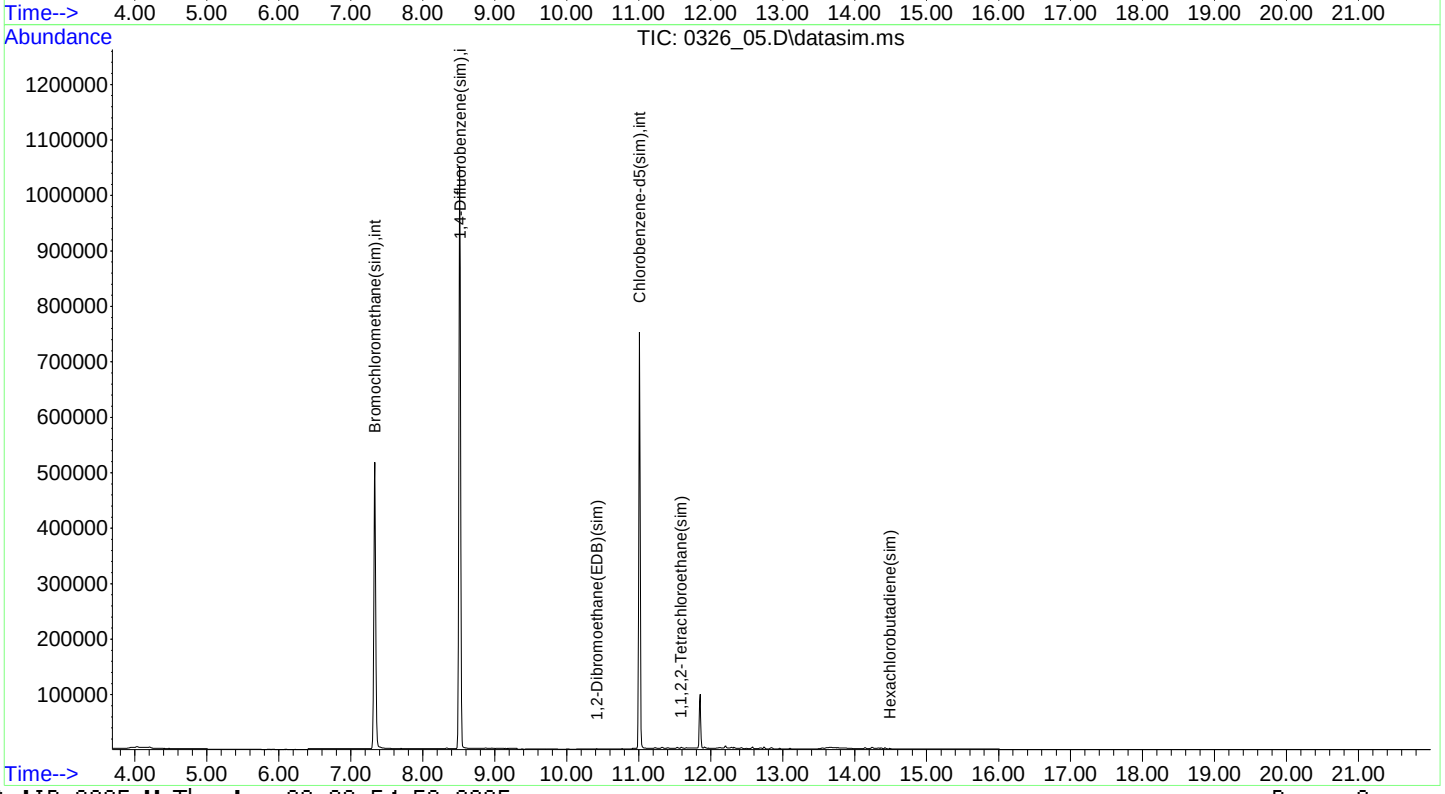
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 4:36 pm
Operator :
Client ID : CS90762 BLANK
Lab ID : CS90762 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 05:22:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS90762 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 DUP 0.5X

Canister: 28576 Lab File ID: 0326_08.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.471		0.250	0.250	r
74-87-3	Chloromethane	0.469		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	52.8	S			r
67-64-1	Acetone	30.1	S			r
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	9.98	S	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	141	S			r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	1.14		0.225	0.225	r
110-54-3	Hexane	0.484	S	0.225	0.225	r
67-66-3	Chloroform	1.83		0.100	0.100	r
141-78-6	Ethyl acetate	0.534		0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
71-43-2	Benzene	0.268		0.100	0.100	r
110-82-7	Cyclohexane	0.250	U	0.250	0.250	r
78-87-5	1,2-dichloropropane	0.259		0.010	0.010	r
75-27-4	Bromodichloromethane	0.148		0.010	0.010	r
540-84-1	2,2,4-trimethylpentane		U			r
142-82-5	Heptane	0.250	U	0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.358		0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	36.3				r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.121		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.290		0.250	0.250	r
179601-23-1	m,p-Xylene	1.11		0.500	0.500	r
100-42-5	Styrene	0.119		0.100	0.100	r
95-47-6	o-Xylene	0.429		0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	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

CS90762 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90762 DUP 0.5X

Canister: 28576 Lab File ID: 0326_08.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
622-96-8	4-Ethyltoluene	0.250	U	0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.250	0.250	r
106-46-7	1,4-Dichlorobenzene	0.155		0.040	0.040	r
91-20-3	Naphthalene	0.085		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.066		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
79-01-6	Trichloroethene(sim)	0.040		0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.019		0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
135-98-8	sec-Butylbenzene(sim)		U			r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 6:39 pm
Operator :
Client ID : CS90762 DUP 0.5X
Lab ID : CS90762 DUP 0.5X
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 05:51:48 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.332	130	241223	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.516	114	891116	10.000	ng		0.00
53) Chlorobenzene-d5	11.016	82	462716	10.000	ng		0.00
78) Bromochloromethane(sim)	7.335	130	242399	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.516	114	891116	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.016	82	462716	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.850	95	621041	10.379	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.80%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.955	85	60668	0.942	ppbv		100
4) Chloromethane	4.101	50	25617	0.938	ppbv		90
11) Ethanol	4.872	45	1405258	105.566	ppbv#		92
12) Acetone	5.243	43	2942333	60.268	ppbv		97
13) Trichlorofluoromethane	5.384	101	27714	0.409	ppbv		98
14) Isopropylalcohol	5.415	45	1059015	19.962	ppbv		97
17) Methylene Chloride	5.919	49	10715168	282.988	ppbv#		62
21) Trichlorotrifluoroethane	6.098	101	6695	0.128	ppbv		99
25) Methyl Ethyl Ketone	6.926	43	139537	2.289	ppbv#		92
27) Hexane	7.340	57	45125	0.967	ppbv#		94
28) Chloroform	7.413	83	200591	3.653	ppbv		95
29) Ethyl acetate	7.332	61	11221	1.068	ppbv#		87
30) Tetrahydrofuran	7.672	42	13168	0.422	ppbv#		88
33) Benzene	8.334	78	41251	0.536	ppbv		91
34) Carbon Tetrachloride	8.429	117	8636	0.144	ppbv		97
35) Cyclohexane	8.499	84	14299	0.479	ppbv#		93
37) 1,2-dichloropropane	8.819	63	18028	0.518	ppbv#		87
38) Bromodichloromethane	8.931	83	17547	0.295	ppbv		97
39) Trichloroethene	8.948	130	2979	0.084	ppbv		92
43) Heptane	9.087	43	27434	0.460	ppbv#		89
45) 4-Methyl-2-pentanone(M...	9.445	43	55276	0.716	ppbv#		93
48) Toluene	10.016	91	6951629	72.596	ppbv#		87
52) Tetrachloroethene	10.656	166	11070	0.242	ppbv		94
56) Ethylbenzene	11.228	91	69137	0.580	ppbv		97
57) m,p-Xylene	11.319	91	201571	2.229	ppbv		97
59) Styrene	11.531	104	15937	0.238	ppbv		93
61) o-Xylene	11.592	91	83305	0.858	ppbv		96
65) 4-Ethyltoluene	12.259	105	37162	0.283	ppbv		95
67) 1,2,4-Trimethylbenzene	12.578	105	35514	0.320	ppbv		90
70) 1,4-Dichlorobenzene	12.738	146	20819	0.308	ppbv		98
76) Naphthalene	14.242	128	15849	0.169	ppbv#		98
85] Benzene(sim)	8.334	78	41289	0.431	ppbv		91
86] Carbon Tetrachloride(sim)	8.424	117	8533	0.131	ppbv		98
92] Chloroform(sim)	7.408	83	213563	3.333	ppbv		97
94] 1,2-dichloropropane(sim)	8.813	63	18567	0.478	ppbv		91
95] Bromodichloromethane(sim)	8.931	83	17547	0.282	ppbv		95
96] Trichloroethene(sim)	8.951	130	3016	0.080	ppbv		95
100] Dibromochloromethane(sim)	10.272	129	2478	0.038	ppbv		98
102] Tetrachloroethene(sim)	10.659	166	11200	0.234	ppbv		95
105] m,p-Xylene(sim)	11.319	91	201718	2.032	ppbv		97
109] 1,4-Dichlorobenzene(sim)	12.738	146	20819	0.292	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 6:39 pm
Operator :
Client ID : CS90762 DUP 0.5X
Lab ID : CS90762 DUP 0.5X
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 05:51:48 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\03MAR\26\
Data File : 0326_08.D
Acq On : 26 Mar 2025 6:39 pm
Operator :
Client ID : CS90762 DUP 0.5X
Lab ID : CS90762 DUP 0.5X
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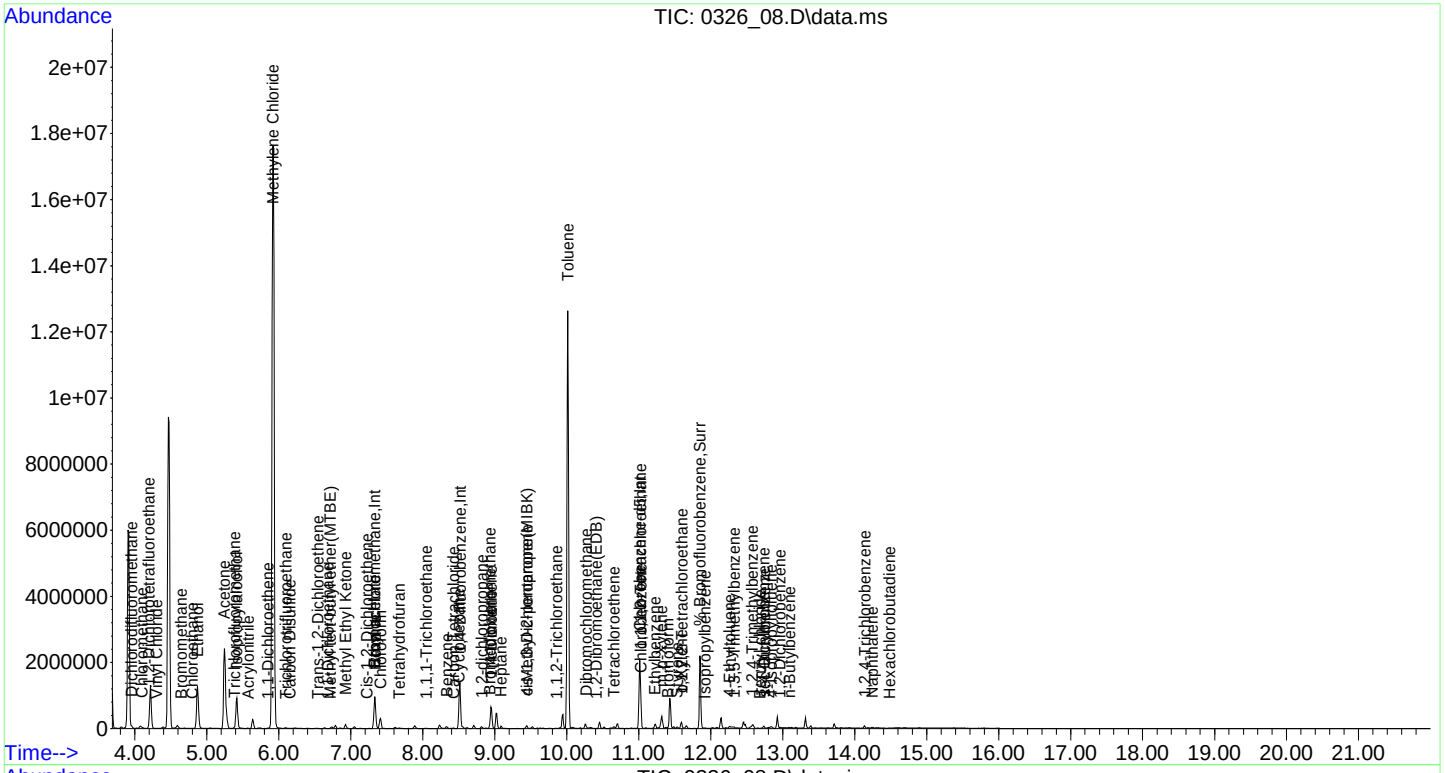
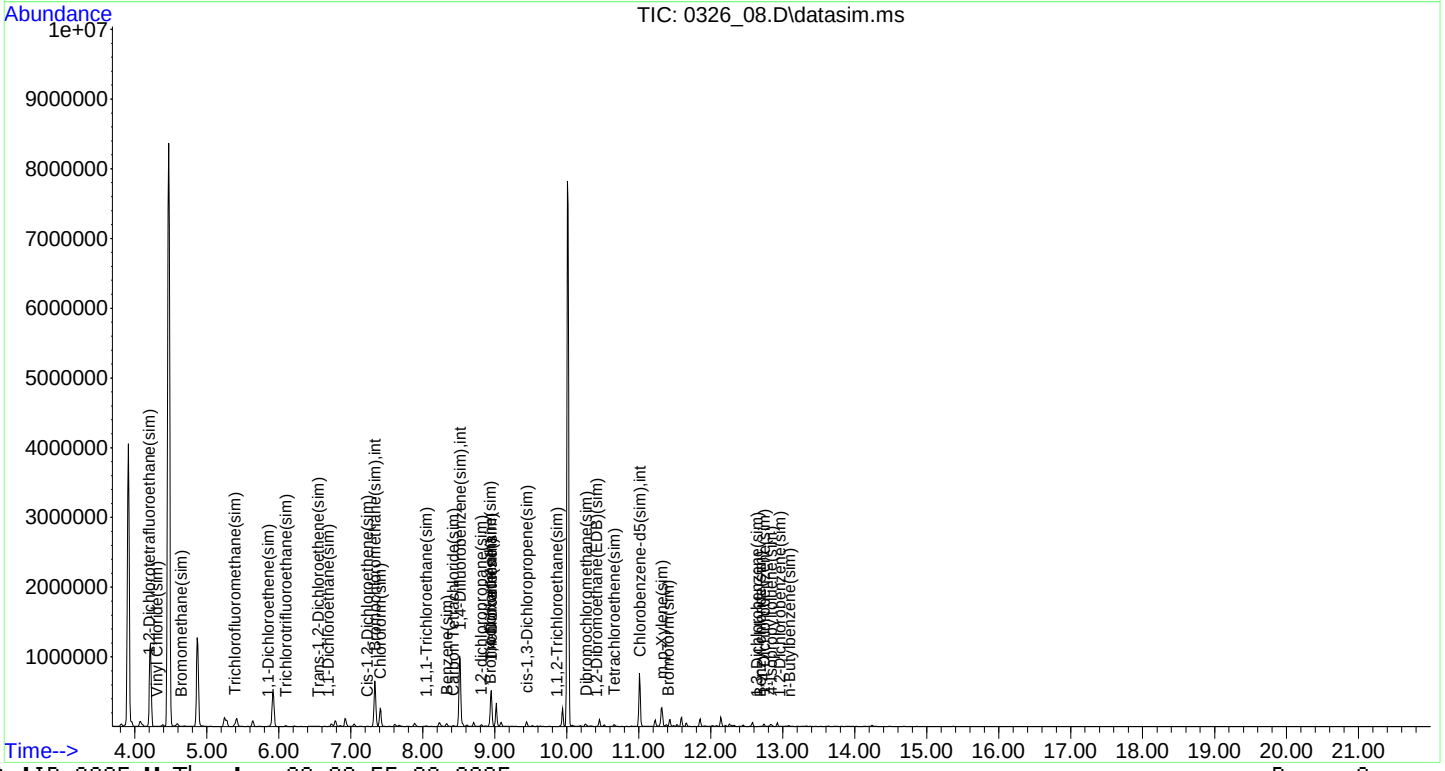
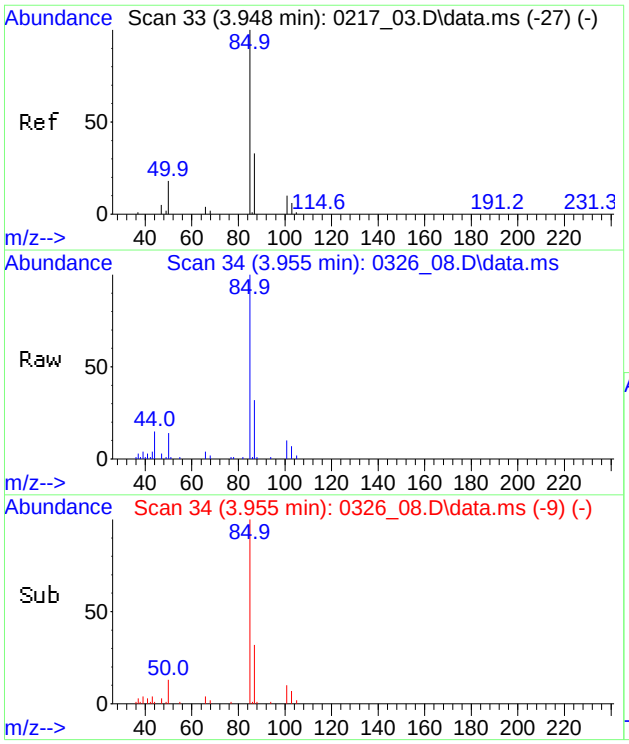
Quant Time: Mar 27 05:51:48 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_0325.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 26 08:41:21 2025
Response via : Initial Calibration



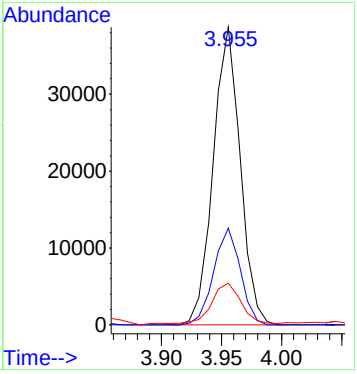


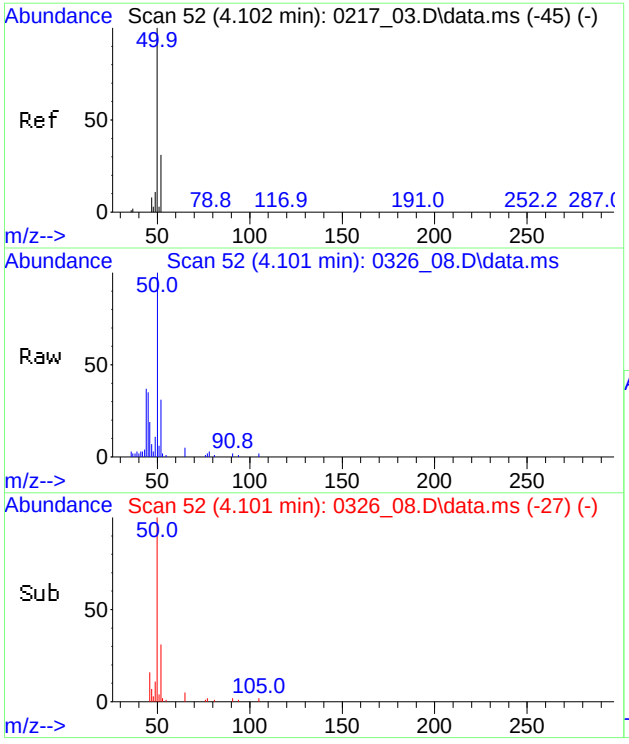


#3
Dichlorodifluoromethane
Conc: 8$ 0.942 ppbv
RT: 3.955 min Scan# 34
Delta R.T. -0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 85 Resp: 60668

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.4	38.2
50	16.2	13.1	19.7

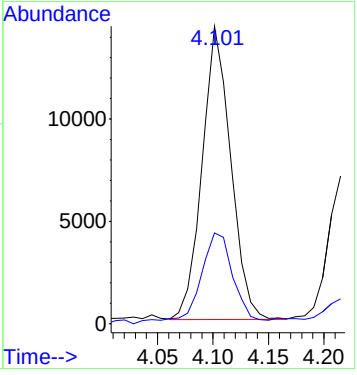


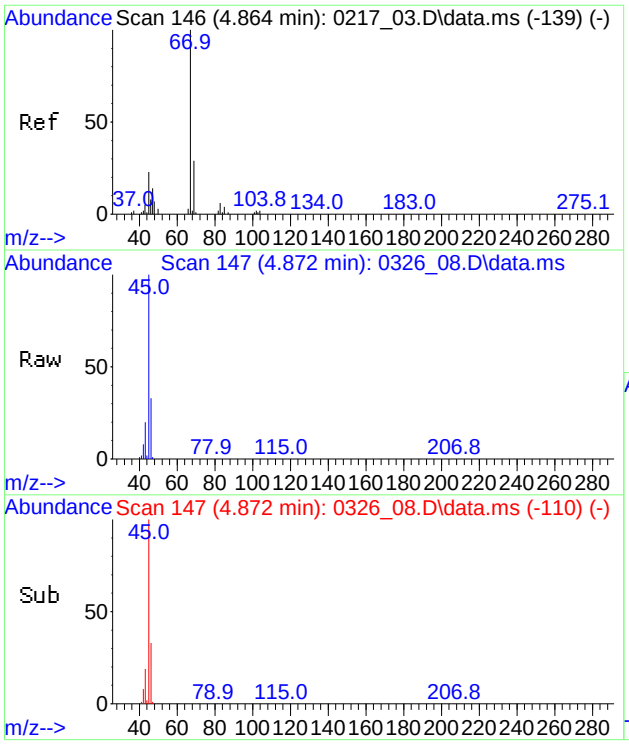


#4
Chloromethane
Conc: 8$ 0.938 ppbv
RT: 4.101 min Scan# 52
Delta R.T. -0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 50 Resp: 25617

Ion	Ratio	Lower	Upper
50	100		
52	36.4	11.0	51.0

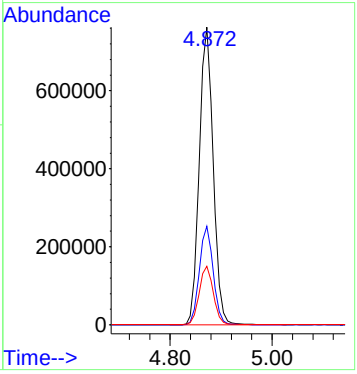


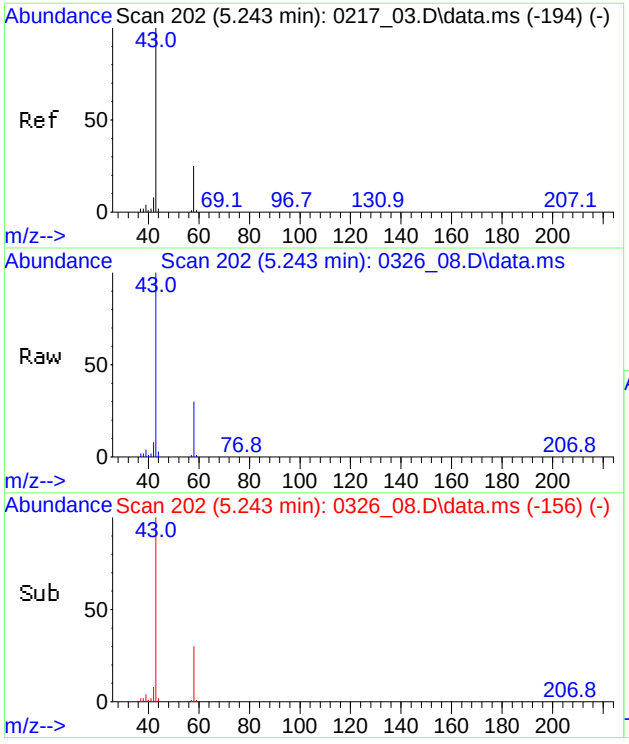


#11
Ethanol
Conc: 8$ 105.566 ppbv
RT: 4.872 min Scan# 147
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 45 Resp: 1405258

Ion	Ratio	Lower	Upper
45	100		
46	33.8	25.4	38.0
43	20.2	21.2	31.8#

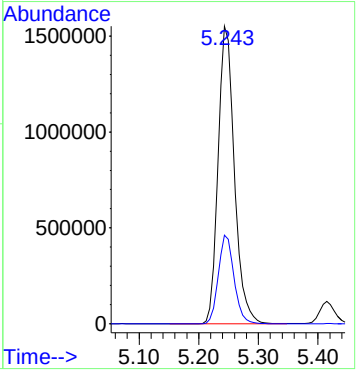


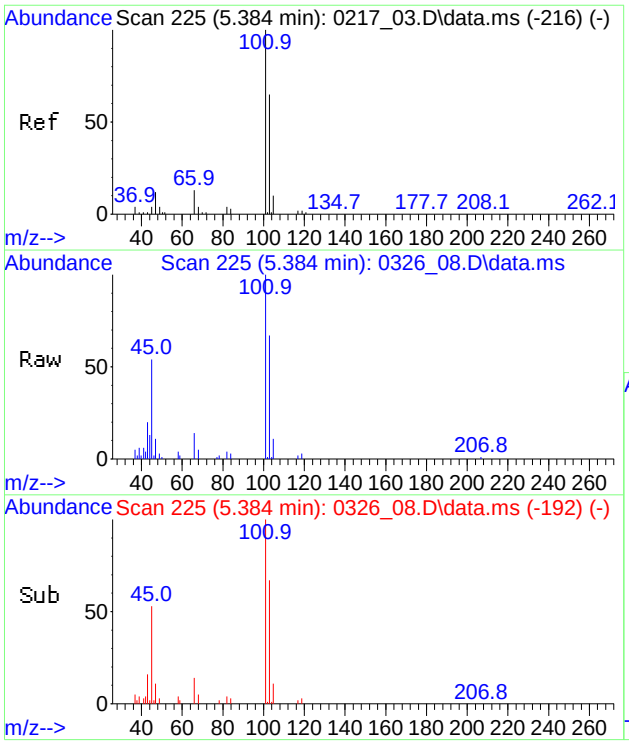


#12
Acetone
Conc: 8$ 60.268 ppbv
RT: 5.243 min Scan# 202
Delta R.T. -0.006 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 43 Resp: 2942333

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.8	32.6

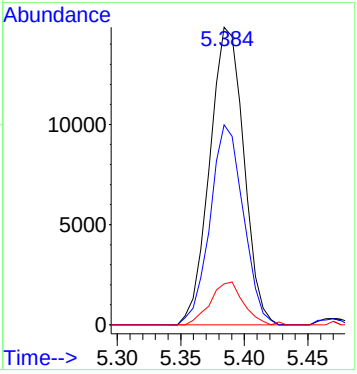


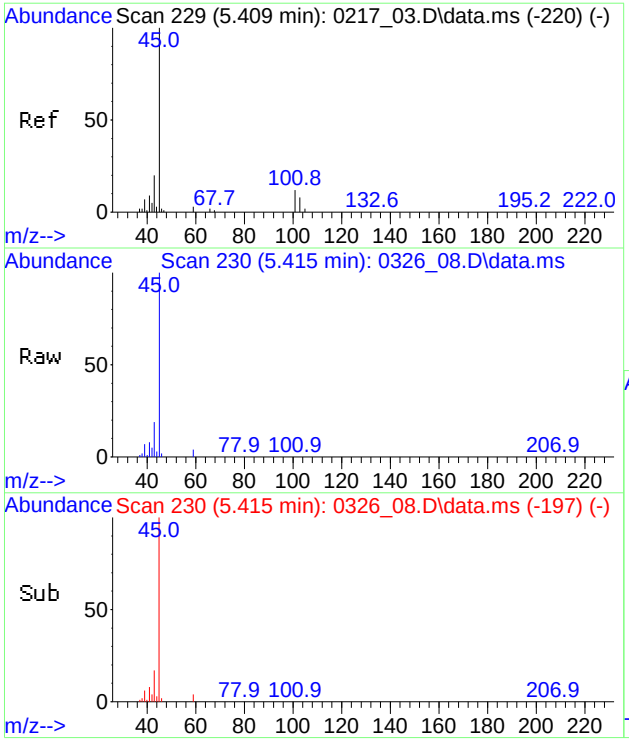


#13
Trichlorofluoromethane
Conc: 8$ 0.409 ppbv
RT: 5.384 min Scan# 225
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:101 Resp: 27714

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.3	76.9
66	14.1	10.7	16.1

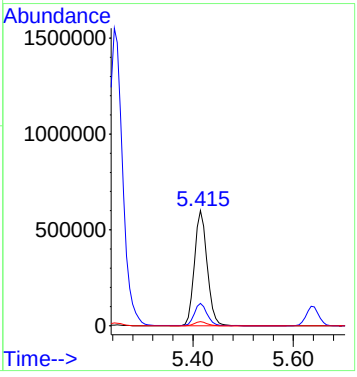


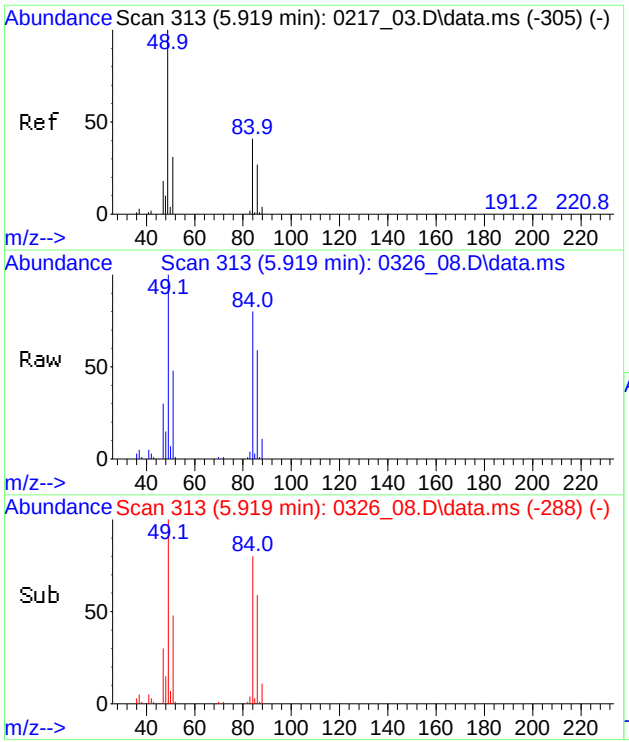


#14
Isopropylalcohol
Conc: 8$ 19.962 ppbv
RT: 5.415 min Scan# 230
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 45 Resp: 1059015

Ion	Ratio	Lower	Upper
45	100		
43	19.3	16.8	25.2
59	3.7	2.8	4.2

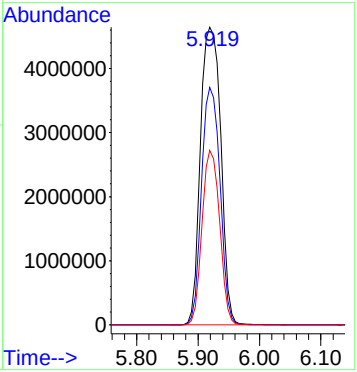


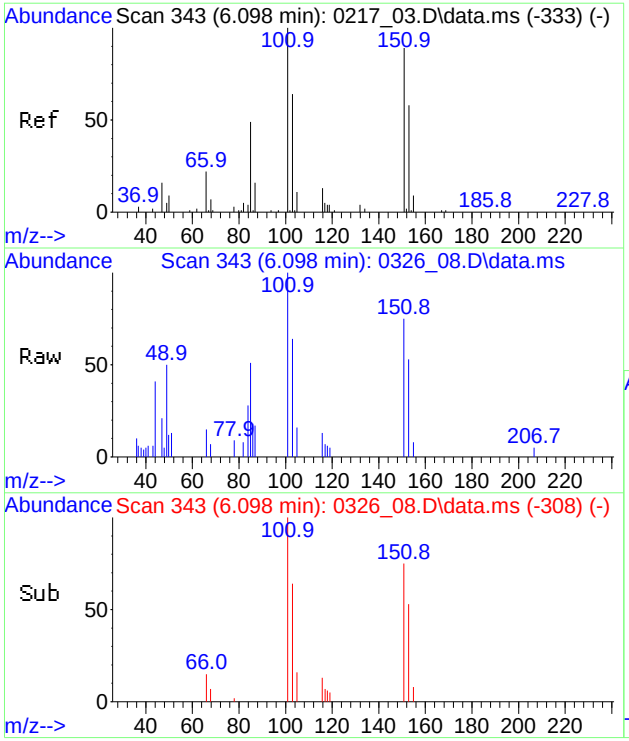


#17
Methylene Chloride
Conc: 8$ 282.988 ppbv
RT: 5.919 min Scan# 313
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 49 Resp:10715168

Ion	Ratio	Lower	Upper
49	100		
84	72.5	37.4	56.0#
86	50.8	24.4	36.6#

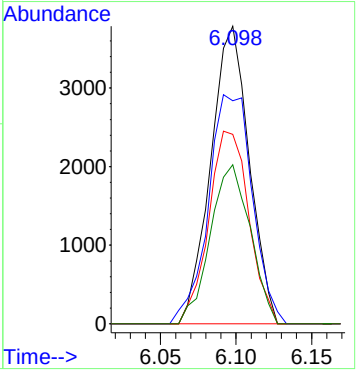


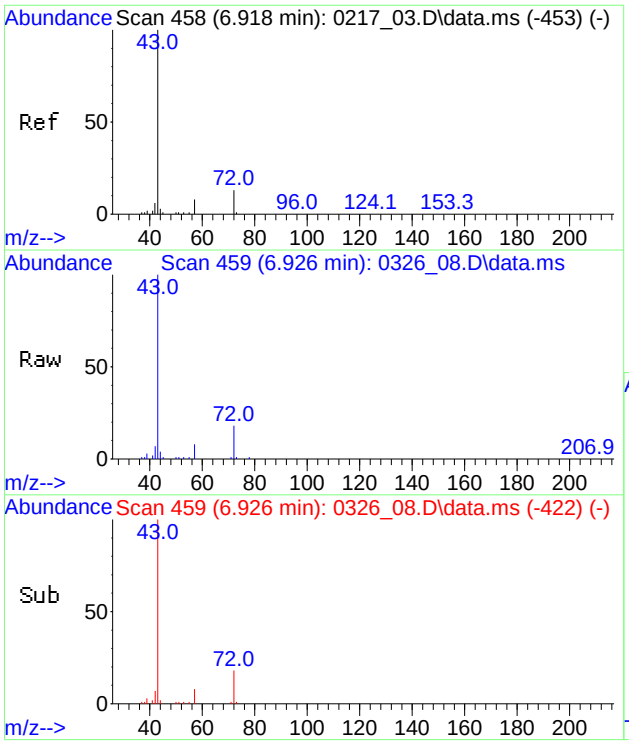


#21
Trichlorotrifluoroethane
Conc: 8$ Below Cal
RT: 6.098 min Scan# 343
Delta R.T. 0.006 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:101 Resp: 6695

Ion	Ratio	Lower	Upper
101	100		
151	88.1	72.0	108.0
103	67.5	53.2	79.8
153	55.4	44.3	66.5

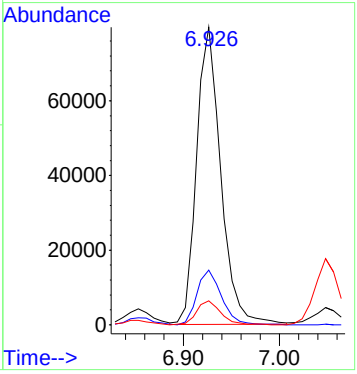


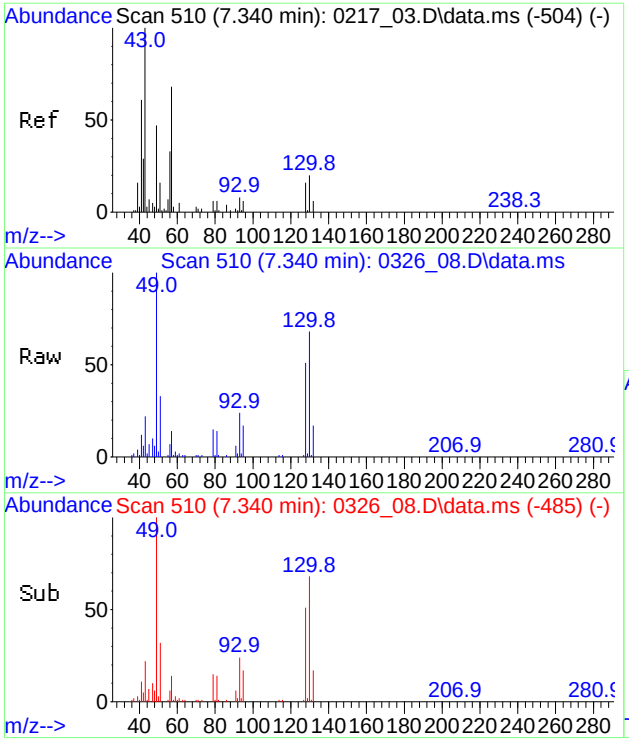


#25
Methyl Ethyl Ketone
Conc: 8$ 2.289 ppbv
RT: 6.926 min Scan# 459
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 43 Resp: 139537

Ion	Ratio	Lower	Upper
43	100		
72	18.8	11.6	17.4#
57	8.2	6.0	9.0

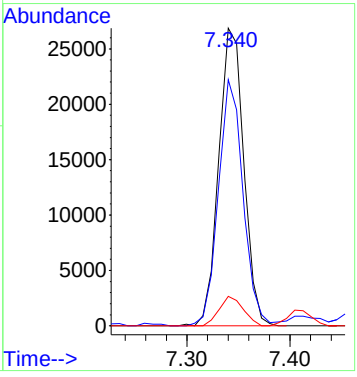


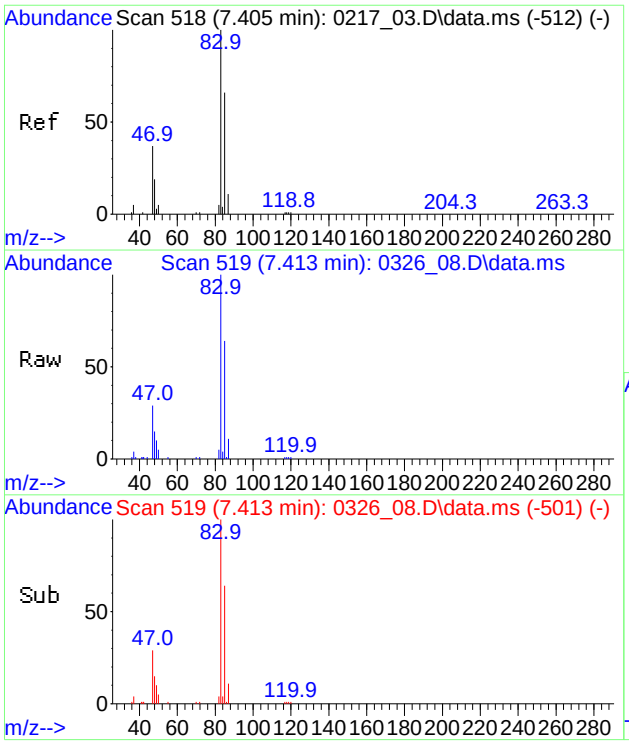


#27
Hexane
Conc: 8$ 0.967 ppbv
RT: 7.340 min Scan# 510
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 57 Resp: 45125

Ion	Ratio	Lower	Upper
57	100		
41	81.7	69.8	104.8
86	9.5	5.8	8.6#

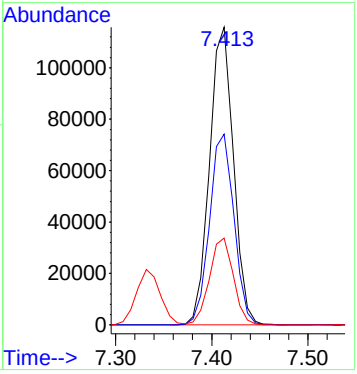


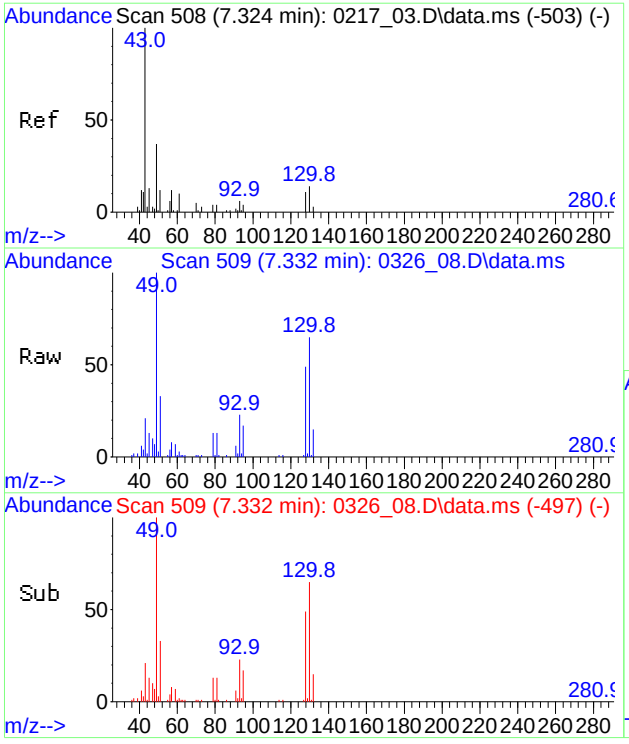


#28
Chloroform
Conc: 8$ 3.653 ppbv
RT: 7.413 min Scan# 519
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 83 Resp: 200591

Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.8	86.8
47	29.1	15.4	55.4

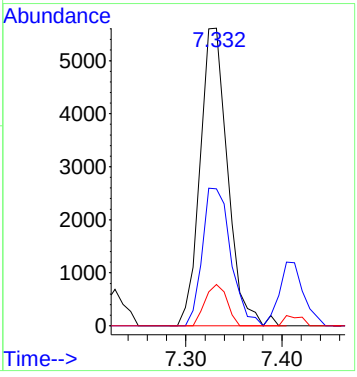


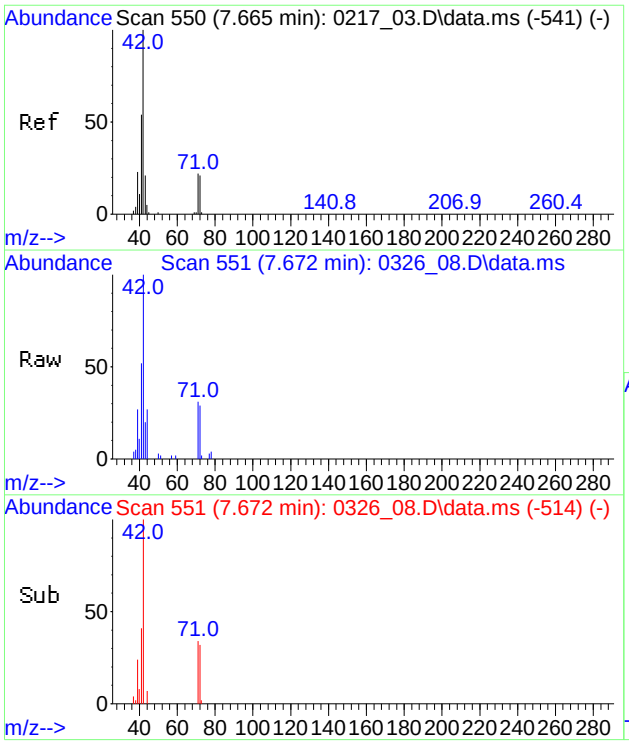


#29
Ethyl acetate
Conc: 8$ 1.068 ppbv
RT: 7.332 min Scan# 509
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 61 Resp: 11221

Ion	Ratio	Lower	Upper
61	100		
70	47.7	46.3	69.5
88	11.0	12.4	18.6#

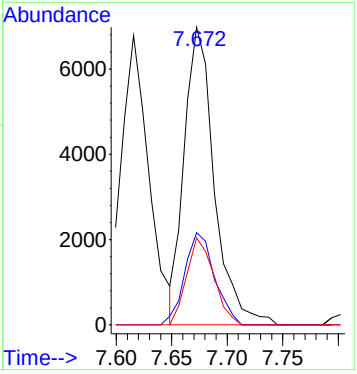


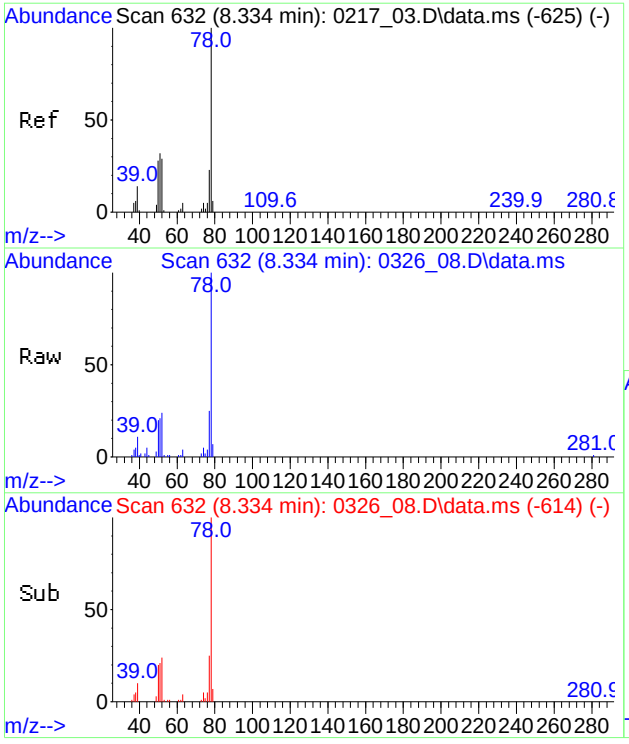


#30
Tetrahydrofuran
Conc: 8$ 0.422 ppbv
RT: 7.672 min Scan# 551
Delta R.T. -0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 42 Resp: 13168

Ion	Ratio	Lower	Upper
42	100		
71	30.9	18.8	28.2#
72	26.6	18.0	27.0

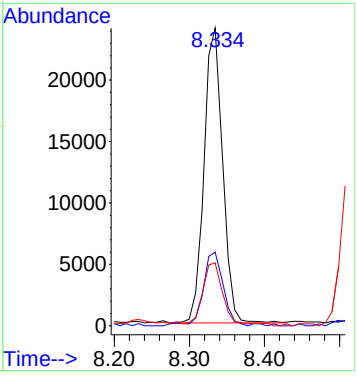


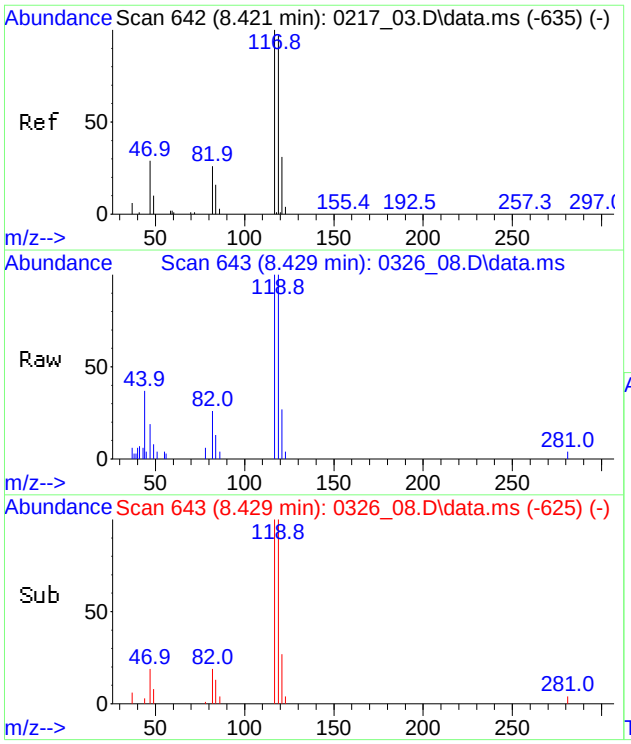


#33
Benzene
Conc: 8$ 0.536 ppbv
RT: 8.334 min Scan# 632
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 78 Resp: 41251

Ion	Ratio	Lower	Upper
78	100		
77	26.9	18.9	28.3
51	23.9	23.9	35.9

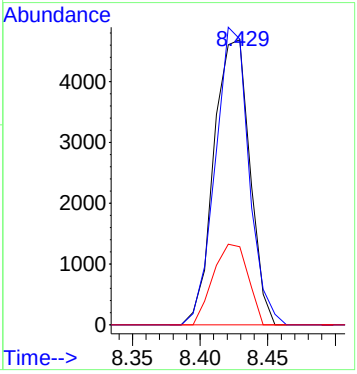


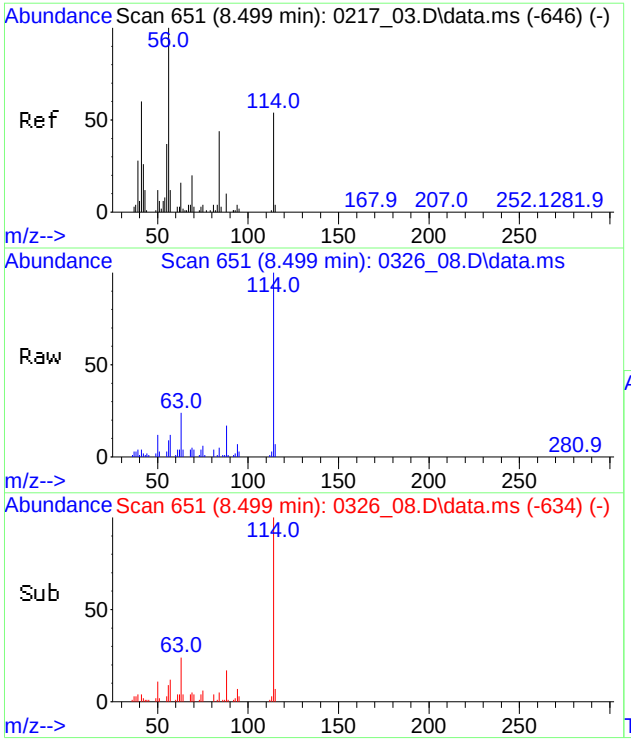


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.429 min Scan# 643
Delta R.T. 0.009 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:117 Resp: 8636

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	115.8
121	27.6	11.5	51.5

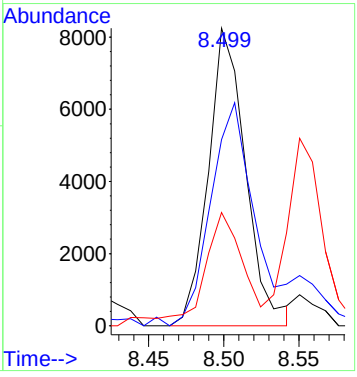


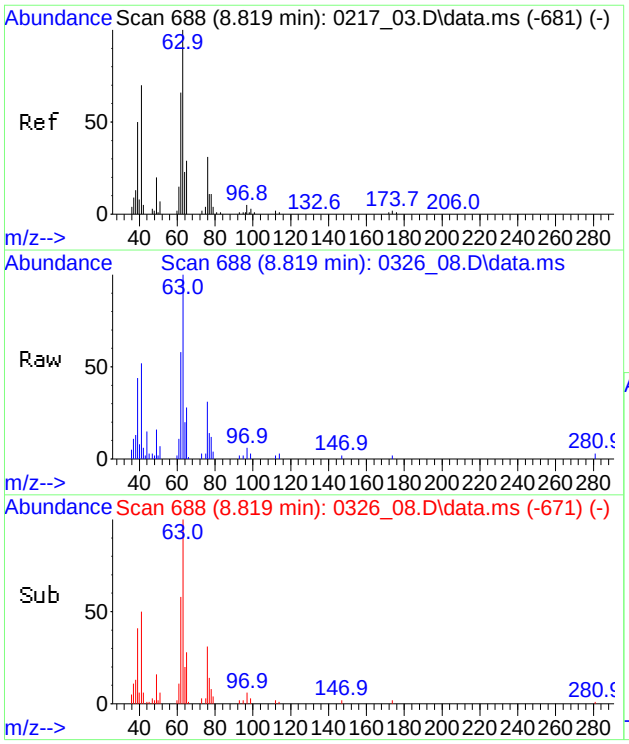


#35
Cyclohexane
Conc: 8$ 0.479 ppbv
RT: 8.499 min Scan# 651
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 84 Resp: 14299

Ion	Ratio	Lower	Upper
84	100		
55	89.0	69.5	104.3
42	40.9	41.7	62.5#

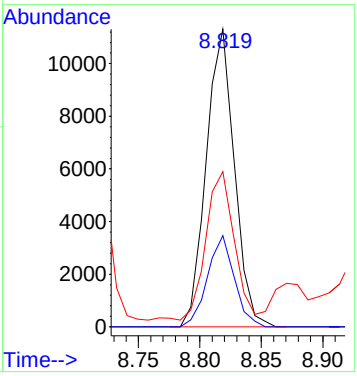


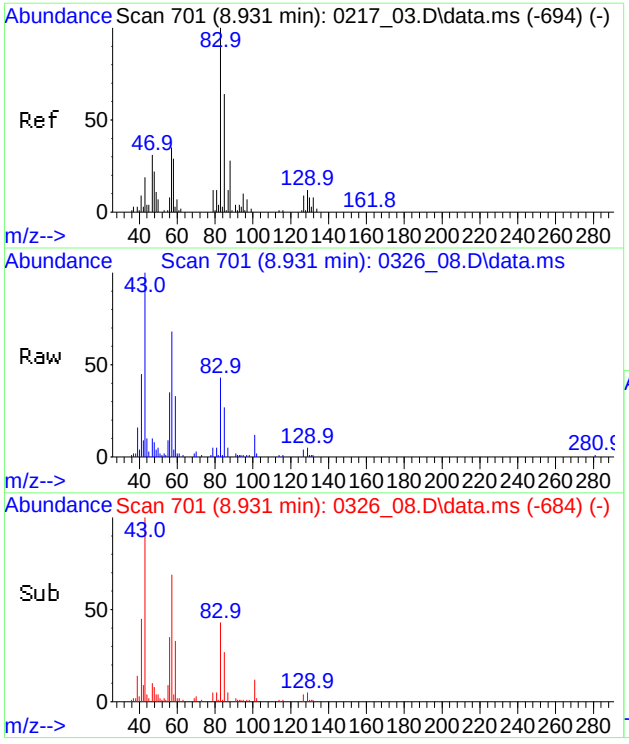


#37
1,2-dichloropropane
Conc: 8$ 0.518 ppbv
RT: 8.819 min Scan# 688
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 63 Resp: 18028

Ion	Ratio	Lower	Upper
63	100		
76	29.3	23.4	35.0
41	50.0	51.7	77.5#

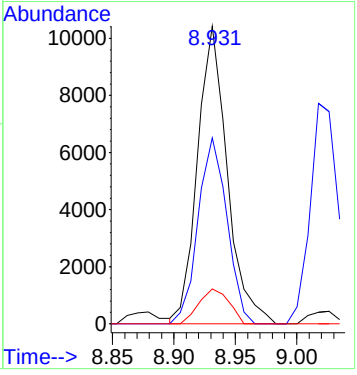


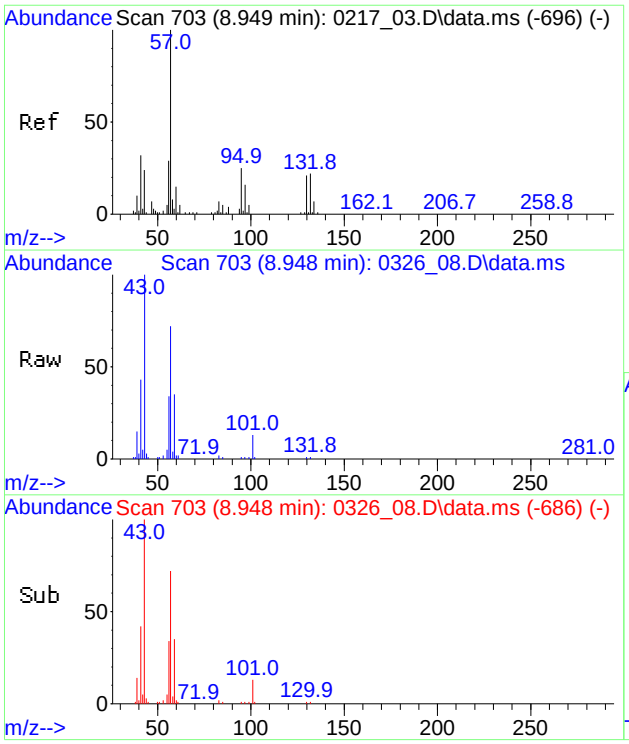


#38
Bromodichloromethane
Conc: 8$ 0.295 ppbv
RT: 8.931 min Scan# 701
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 83 Resp: 17547

Ion	Ratio	Lower	Upper
83	100		
85	60.5	43.3	83.3
129	11.8	0.0	31.3

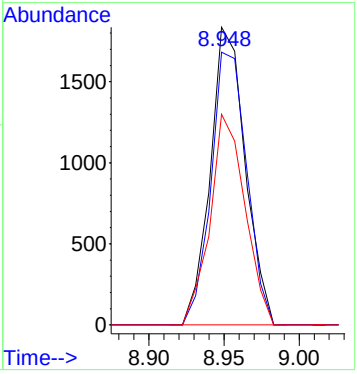


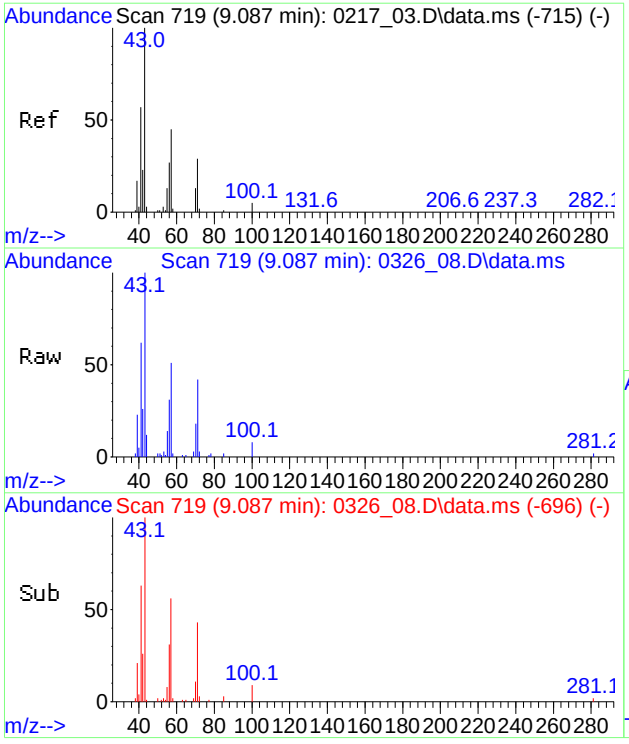


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.948 min Scan# 703
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:130 Resp: 2979

Ion	Ratio	Lower	Upper
130	100		
132	93.7	82.2	123.2
97	70.7	61.4	92.0

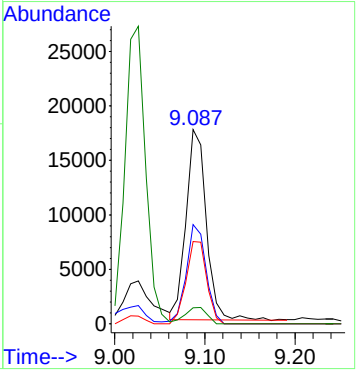


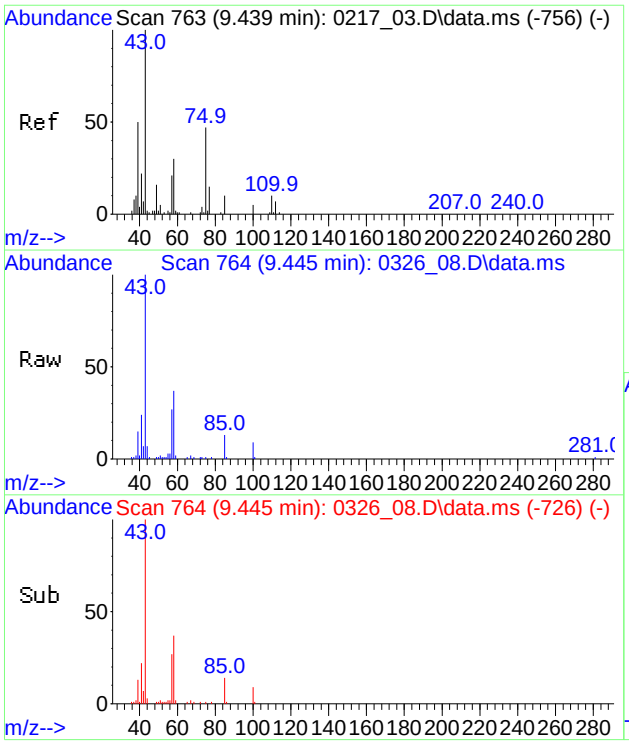


#43
Heptane
Conc: 8$ 0.460 ppbv
RT: 9.087 min Scan# 719
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 43 Resp: 27434

Ion	Ratio	Lower	Upper
43	100		
57	50.7	37.4	56.0
71	43.7	26.7	40.1#
100	9.3	4.7	7.1#

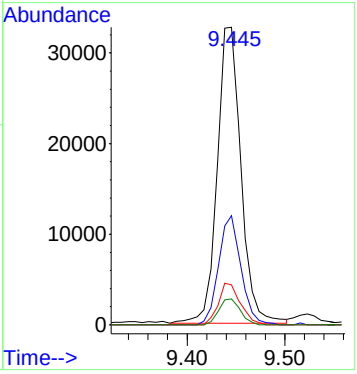


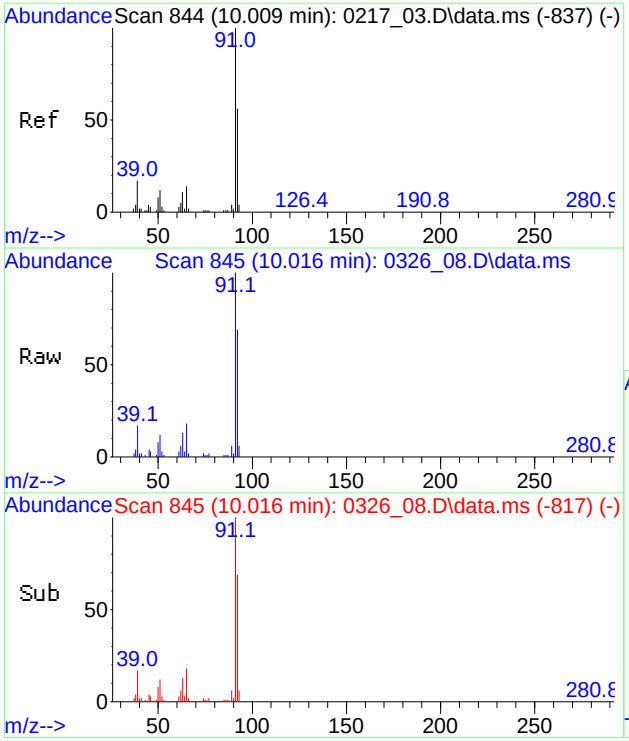


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.716 ppbv
RT: 9.445 min Scan# 764
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 43 Resp: 55276

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.3	36.5
85	13.0	9.0	13.6
100	7.9	5.0	7.4#

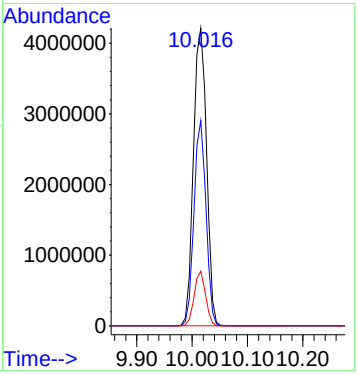


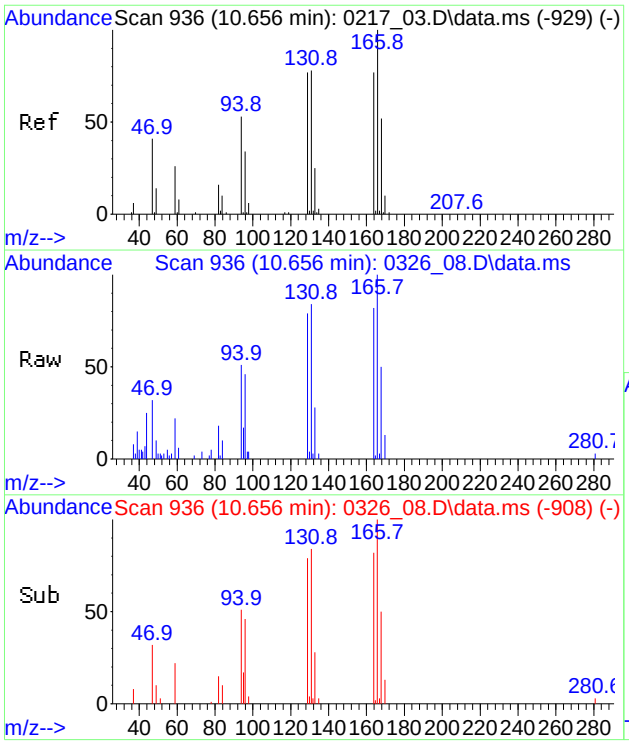


#48
Toluene
Conc: 8$ 72.596 ppbv
RT: 10.016 min Scan# 845
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 91 Resp: 6951629

Ion	Ratio	Lower	Upper
91	100		
92	63.2	42.6	63.8
65	16.0	10.0	15.0#

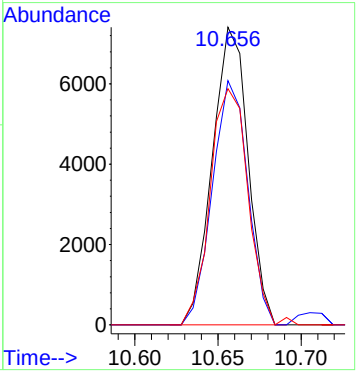


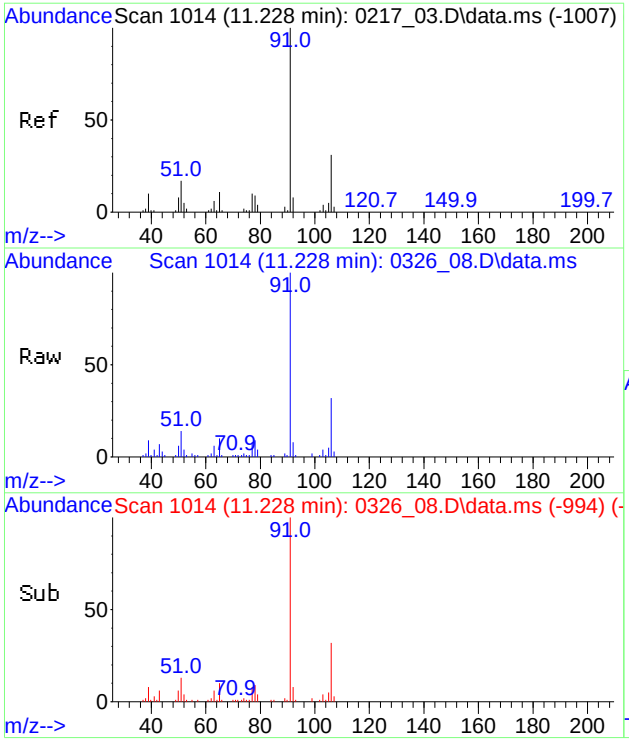


#52
Tetrachloroethene
Conc: 8$ 0.242 ppbv
RT: 10.656 min Scan# 936
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:166 Resp: 11070

Ion	Ratio	Lower	Upper
166	100		
164	81.3	61.8	92.8
129	84.1	62.3	93.5

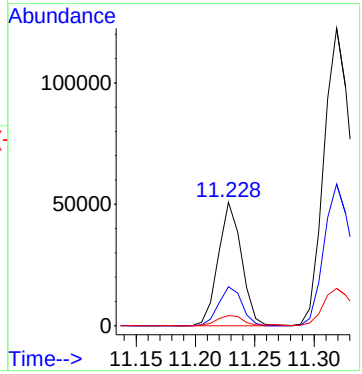


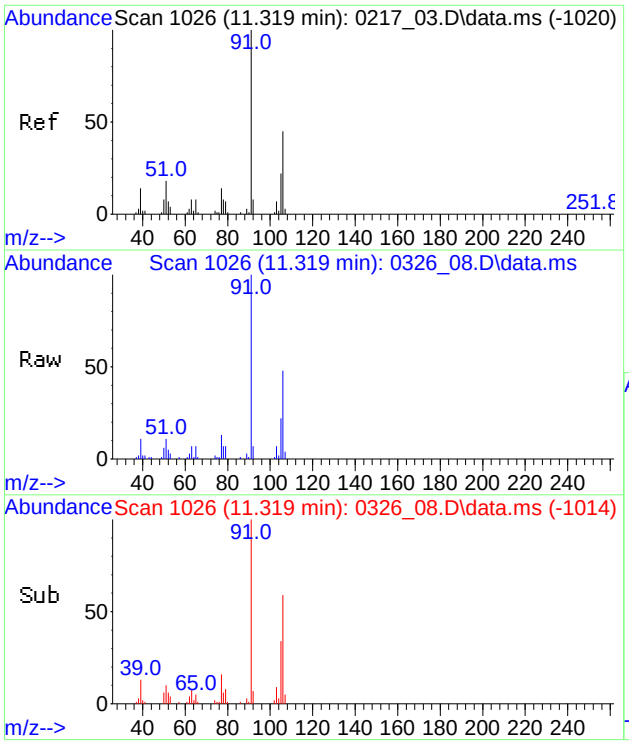


#56
Ethylbenzene
Conc: 8$ 0.580 ppbv
RT: 11.228 min Scan# 1014
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 91 Resp: 69137

Ion	Ratio	Lower	Upper
91	100		
106	31.7	9.8	49.8
77	10.1	0.0	29.5

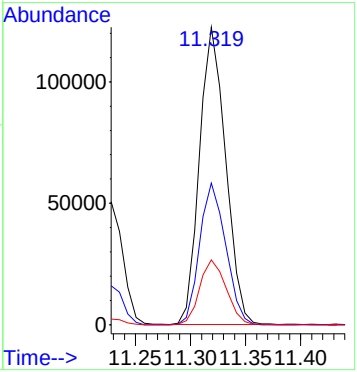


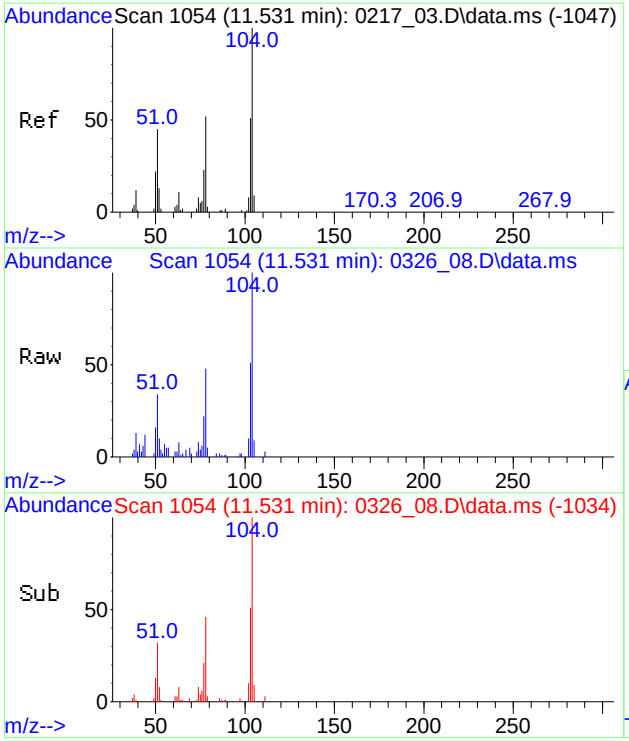


#57
m,p-Xylene
Conc: 8$ 2.229 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 91 Resp: 201571

Ion	Ratio	Lower	Upper
91	100		
106	47.5	36.7	55.1
105	22.3	19.2	28.8

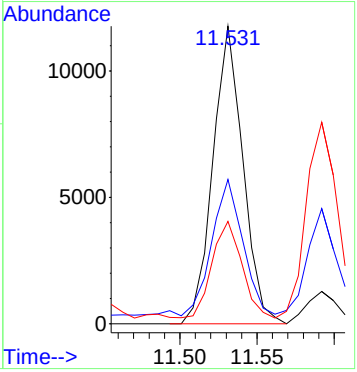


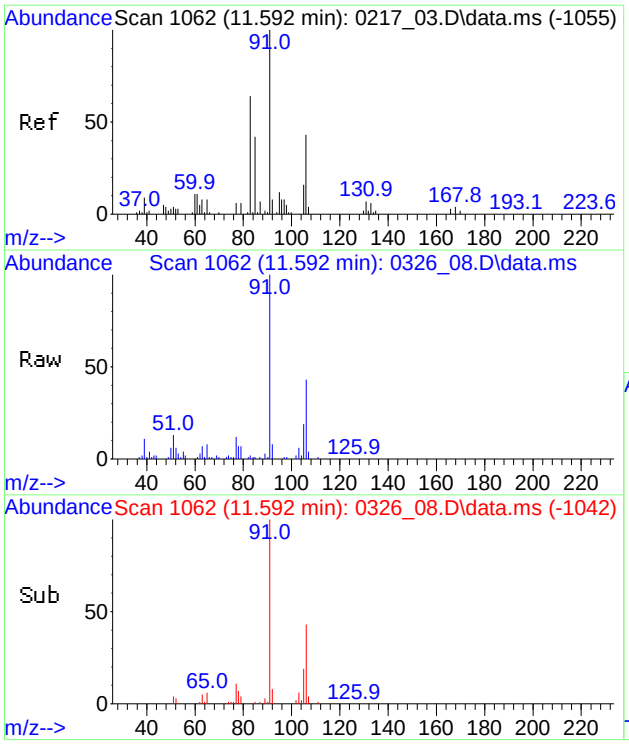


#59
Styrene
Conc: 8$ 0.238 ppbv
RT: 11.531 min Scan# 1054
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:104 Resp: 15937

Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.6	61.0
51	33.3	32.7	49.1

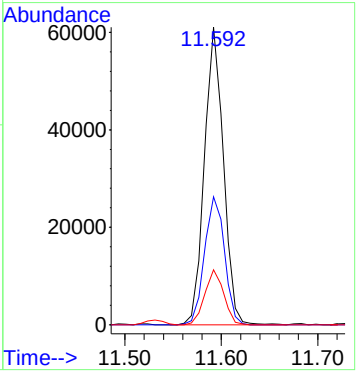


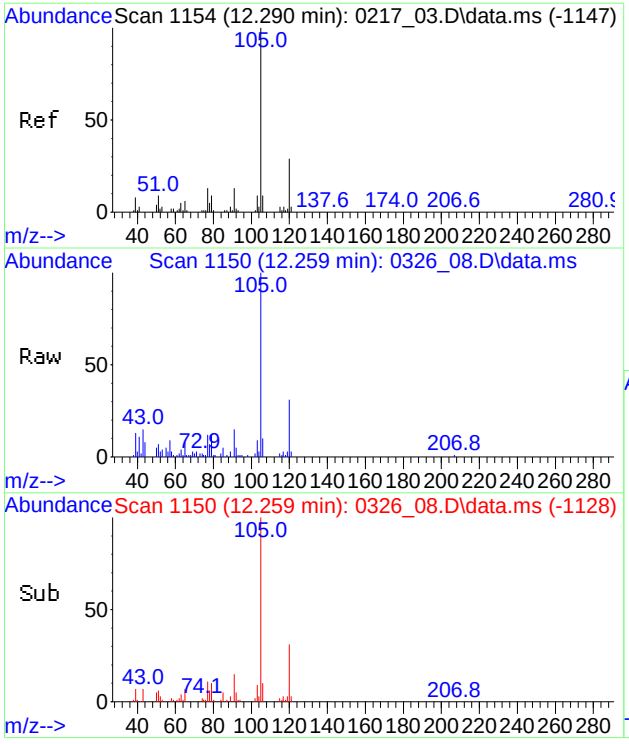


#61
o-Xylene
Conc: 8$ 0.858 ppbv
RT: 11.592 min Scan# 1062
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 91 Resp: 83305

Ion	Ratio	Lower	Upper
91	100		
106	45.2	34.5	51.7
105	18.5	17.1	25.7

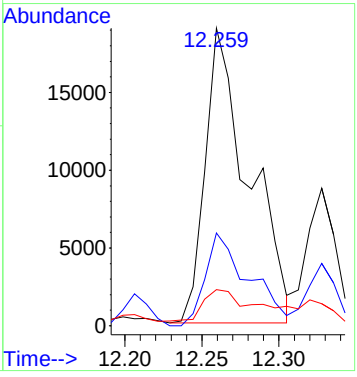


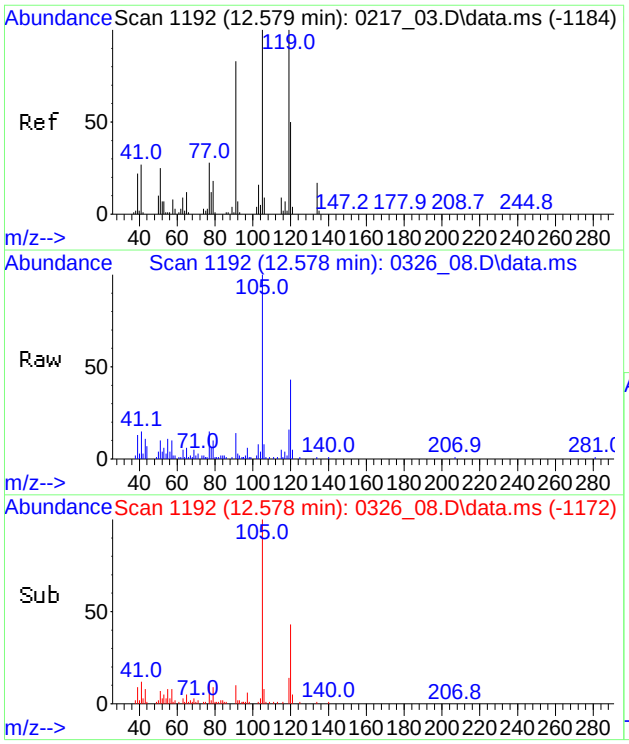


#65
4-Ethyltoluene
Conc: 8$ 0.283 ppbv
RT: 12.259 min Scan# 1150
Delta R.T. -0.030 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:105 Resp: 37162

Ion	Ratio	Lower	Upper
105	100		
120	31.5	22.9	34.3
77	11.4	10.1	15.1

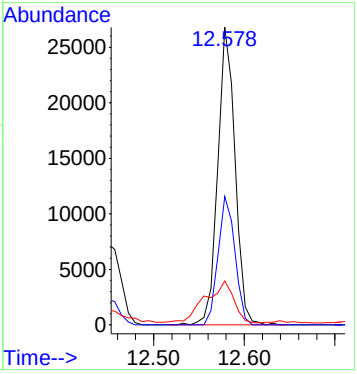


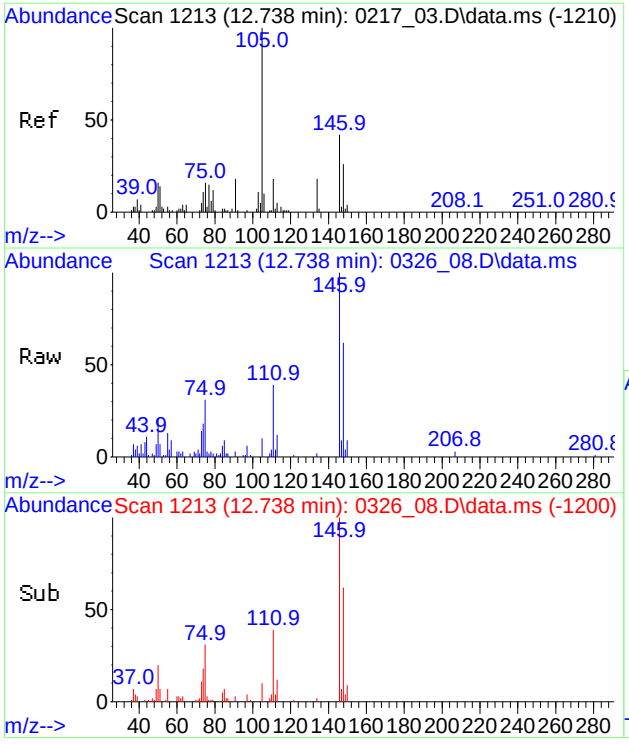


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.320 ppbv
RT: 12.578 min Scan# 1192
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:105 Resp: 35514

Ion	Ratio	Lower	Upper
105	100		
120	41.9	39.4	59.2
77	23.0	22.4	33.6

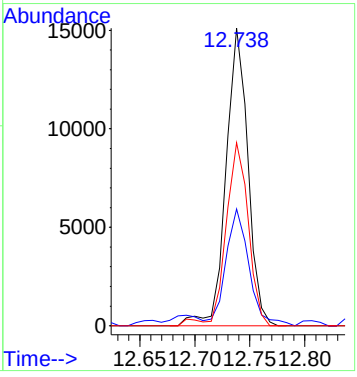


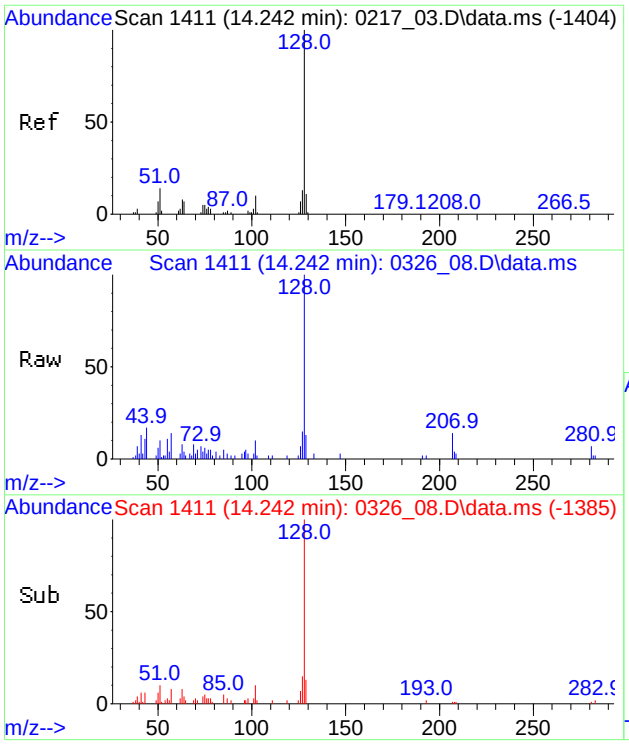


#70
1,4-Dichlorobenzene
Conc: 8$ 0.308 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:146 Resp: 20819

Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.9	47.9
148	62.8	51.0	76.6

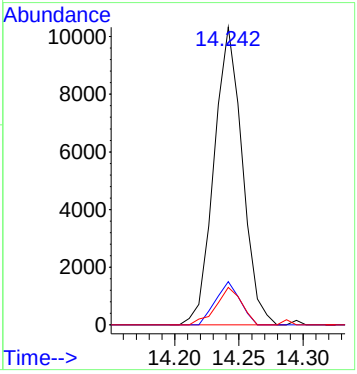


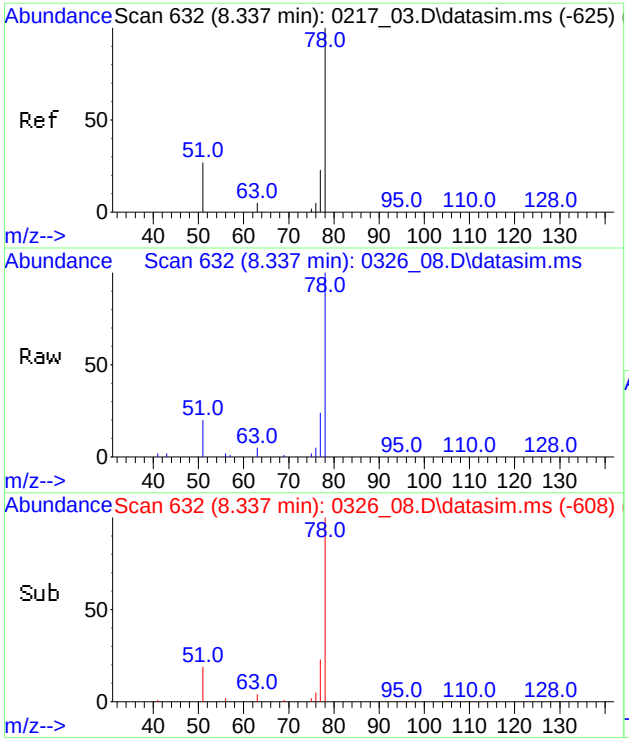


#76
Naphthalene
Conc: 8$ 0.169 ppbv
RT: 14.242 min Scan# 1411
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:128 Resp: 15849

Ion	Ratio	Lower	Upper
128	100		
127	12.6	12.9	12.9#
129	11.4	8.2	12.2

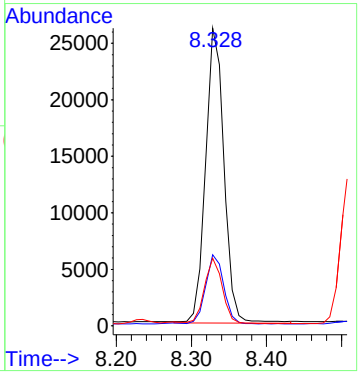


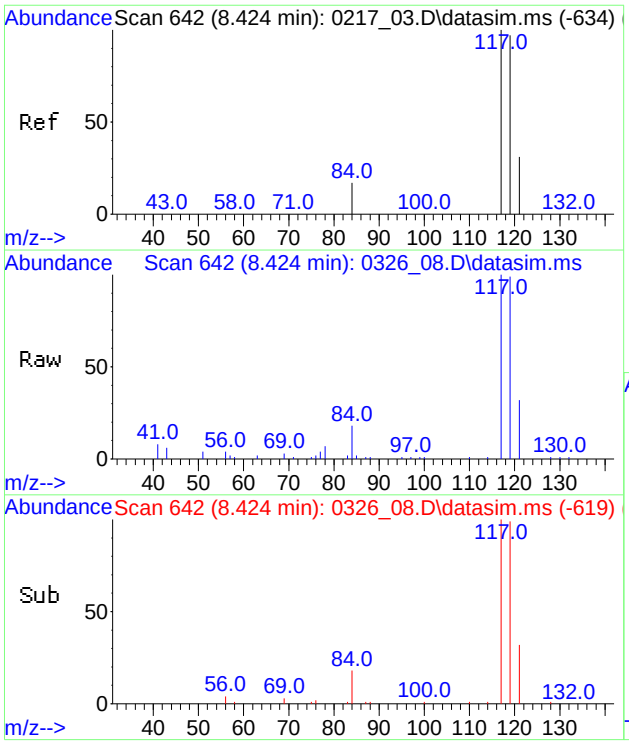


#85
Benzene(sim)
Conc: 8$ 0.431 ppbv
RT: 8.334 min Scan# 632
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 78 Resp: 41289

Ion	Ratio	Lower	Upper
78	100		
77	26.9	18.9	28.3
51	23.9	23.9	35.9

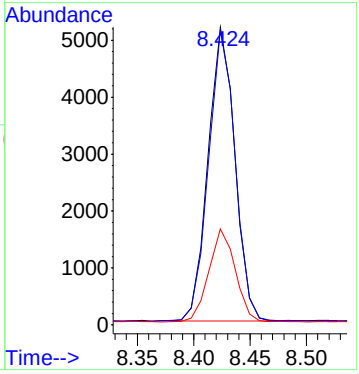


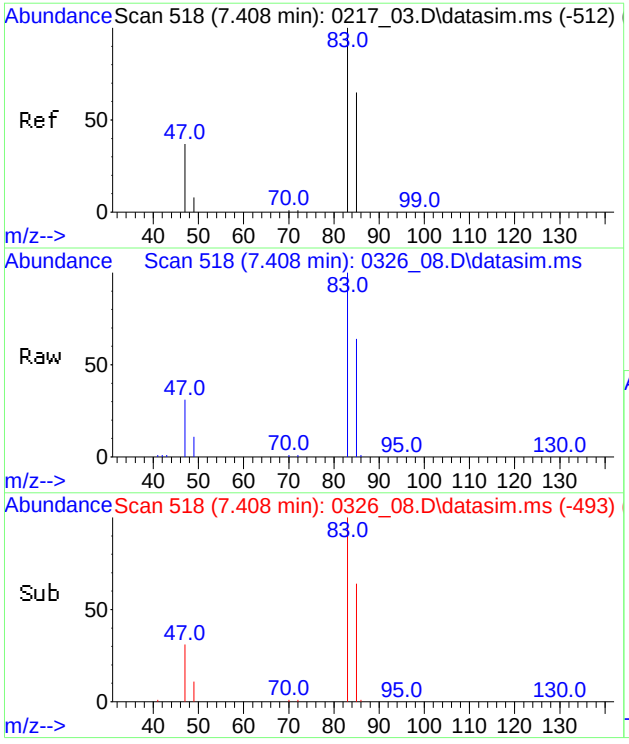


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.131 ppbv
RT: 8.424 min Scan# 642
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:117 Resp: 8533

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.2	115.8
121	31.4	24.4	36.6

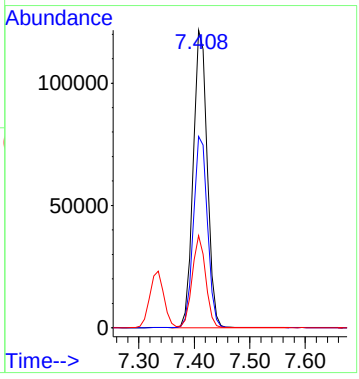


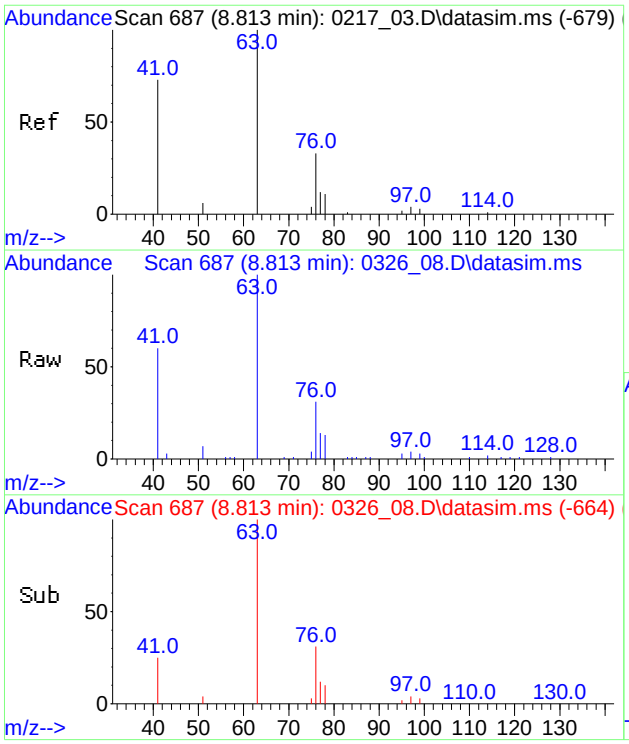


#92
Chloroform(sim)
Conc: 8$ 3.333 ppbv
RT: 7.408 min Scan# 518
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 83 Resp: 213563

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4
47	29.8	28.2	42.2

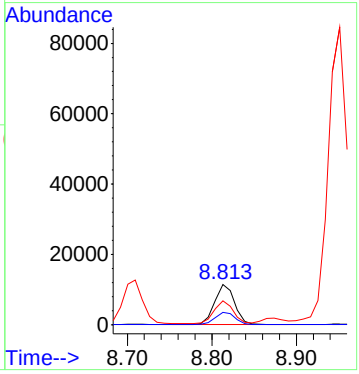


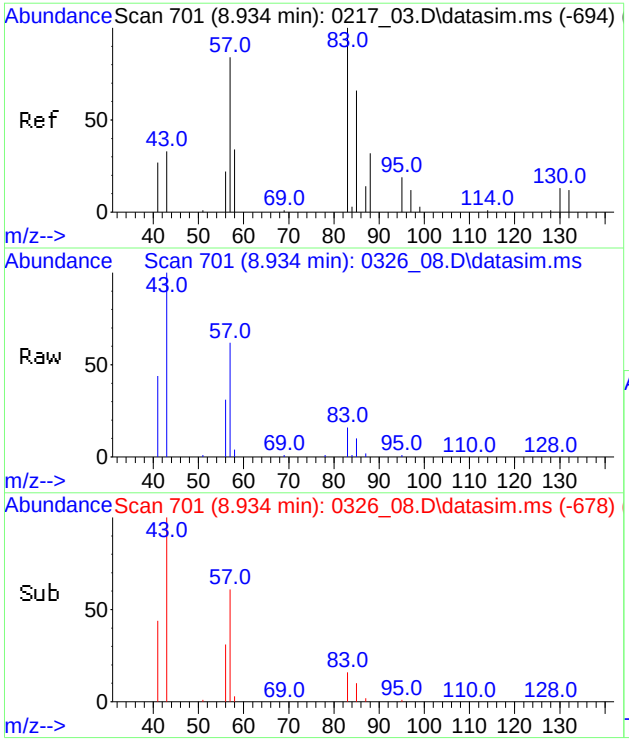


#94
1,2-dichloropropane(sim)
Conc: 8$ 0.478 ppbv
RT: 8.813 min Scan# 687
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 63 Resp: 18567

Ion	Ratio	Lower	Upper
63	100		
76	31.0	24.2	36.4
41	54.0	51.4	77.2

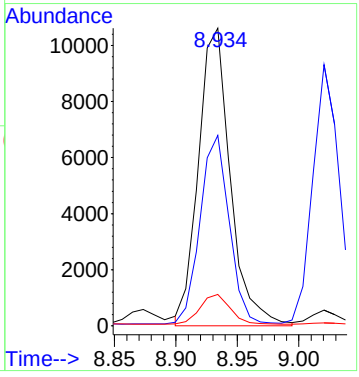


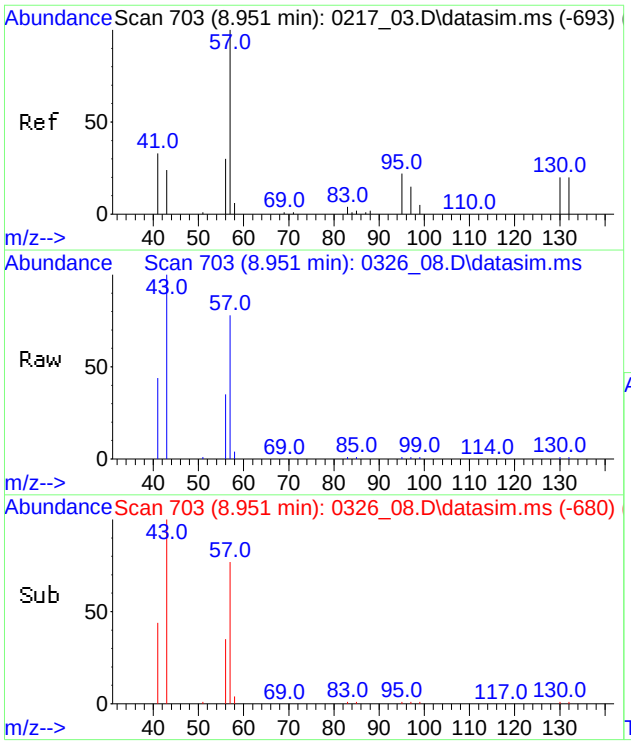


#95
Bromodichloromethane(sim)
Conc: 8$ 0.282 ppbv
RT: 8.931 min Scan# 701
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 83 Resp: 17547

Ion	Ratio	Lower	Upper
83	100		
85	60.5	43.3	83.3
87	9.4	0.0	32.9

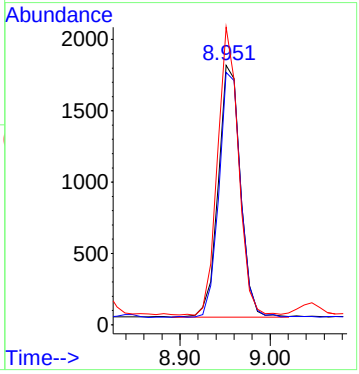


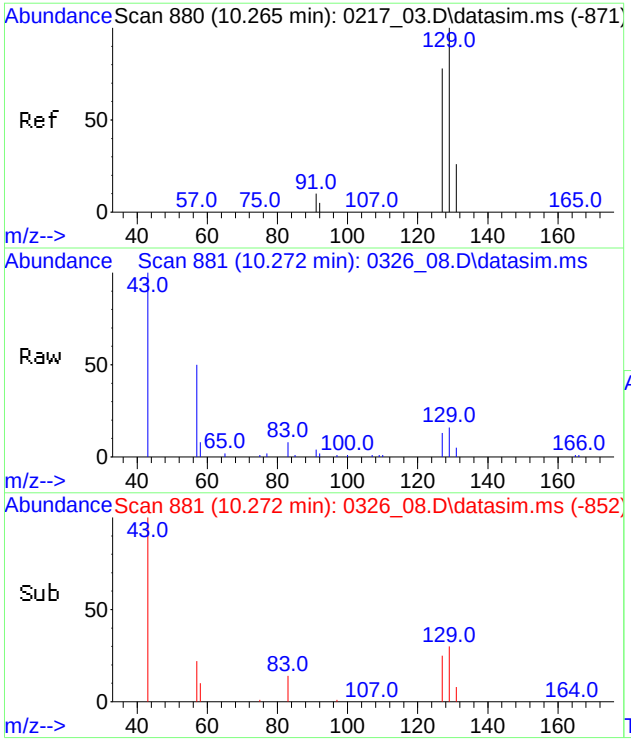


#96
Trichloroethene(sim)
Conc: 8$ 0.080 ppbv
RT: 8.951 min Scan# 703
Delta R.T. 0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:130 Resp: 3016

Ion	Ratio	Lower	Upper
130	100		
132	95.8	81.0	121.4
95	107.4	89.4	134.2

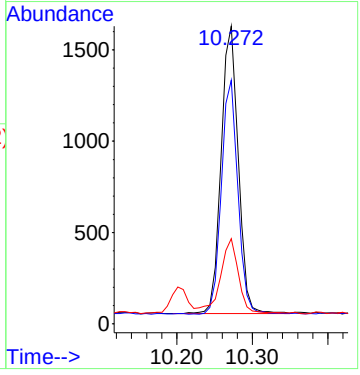


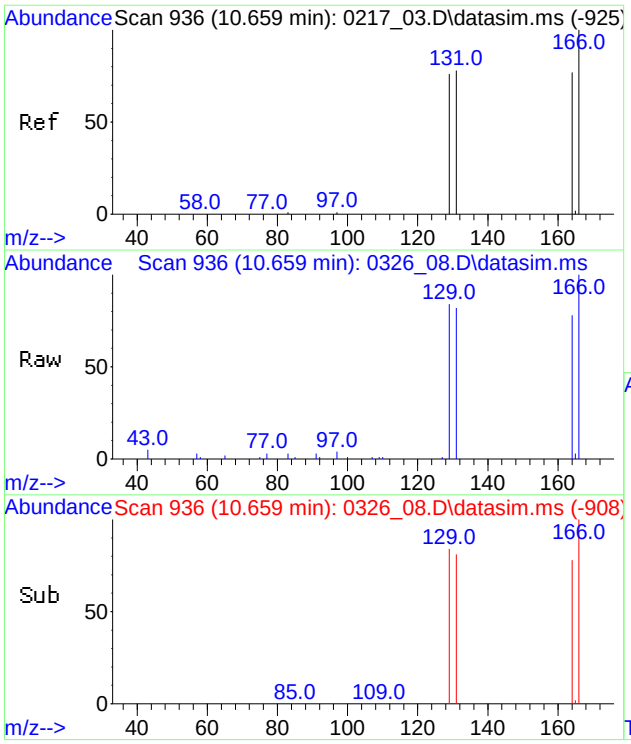


#100
Dibromochloromethane(sim)
Conc: 8$ 0.038 ppbv
RT: 10.272 min Scan# 881
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:129 Resp: 2478

Ion	Ratio	Lower	Upper
129	100		
127	78.6	57.2	97.2
131	27.2	5.5	45.5

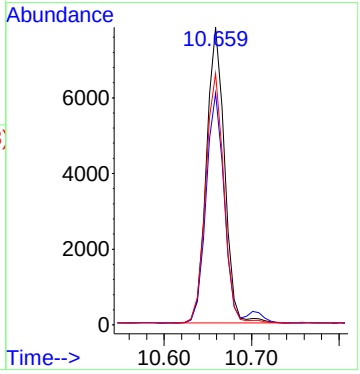


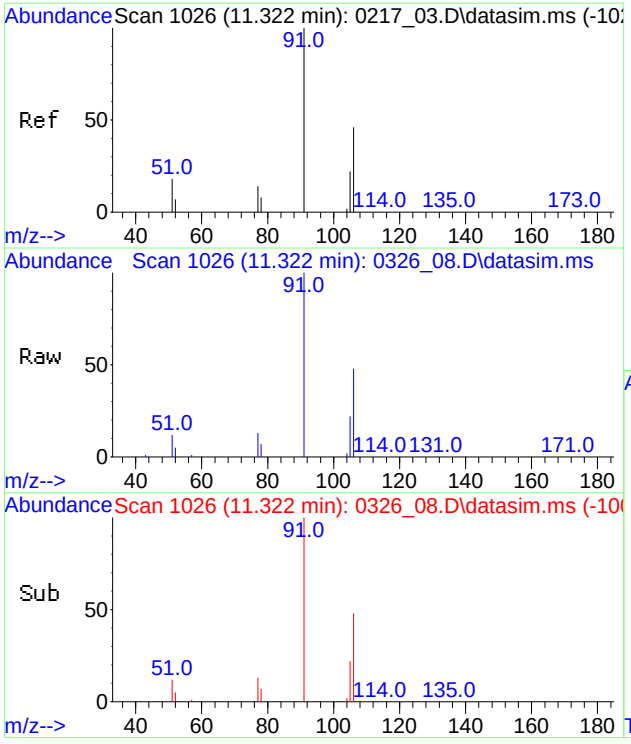


#102
Tetrachloroethene(sim)
Conc: 8$ 0.234 ppbv
RT: 10.659 min Scan# 936
Delta R.T. -0.000 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:166 Resp: 11200

Ion	Ratio	Lower	Upper
166	100		
164	77.8	58.6	98.6
129	84.6	57.2	97.2

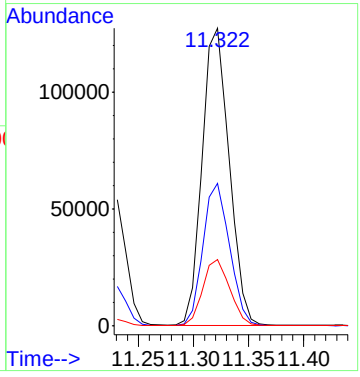


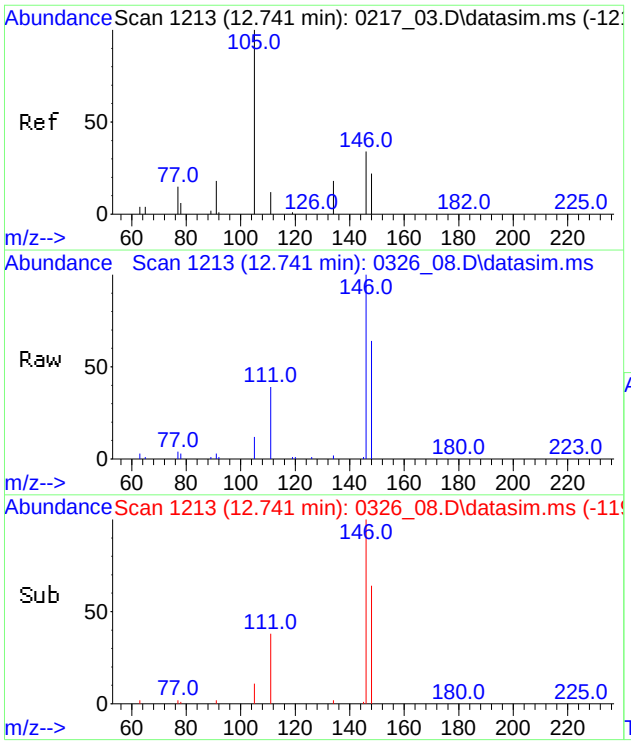


#105
m,p-Xylene(sim)
Conc: 8$ 2.032 ppbv
RT: 11.319 min Scan# 1026
Delta R.T. -0.007 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion: 91 Resp: 201718

Ion	Ratio	Lower	Upper
91	100		
106	47.5	41.0	50.1
105	22.3	19.1	28.7

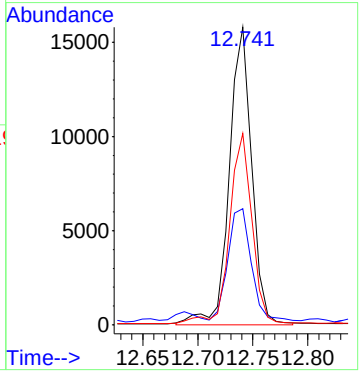




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 0.292 ppbv
RT: 12.738 min Scan# 1213
Delta R.T. 0.001 min
Lab File: 0326_08.D
Acq: 26 Mar 2025 6:39 pm

Tgt Ion:146 Resp: 20819

Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.9	59.9
148	62.8	43.8	83.8



AIR ANALYSIS DATA SHEET

CLIENT ID: CS90763 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 LCS

Canister: LCS Lab File ID: 0326_04.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	9.72		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.6		0.202	0.202	r
74-87-3	Chloromethane	10.1		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.4		0.143	0.143	r
75-01-4	Vinyl Chloride	10.1		0.078	0.078	r
106-99-0	1,3-Butadiene	10.2		0.452	0.452	r
74-83-9	Bromomethane	9.81		0.258	0.258	r
75-00-3	Chloroethane	10.4		0.379	0.379	r
64-17-5	Ethanol	6.11		0.531	0.531	r
67-64-1	Acetone	10.3		0.421	0.421	r
75-69-4	Trichlorofluoromethane	10.4		0.178	0.178	r
67-63-0	Isopropylalcohol	10.2		0.407	0.407	r
107-13-1	Acrylonitrile	9.86		0.461	0.461	r
75-35-4	1,1-Dichloroethene	10.4		0.051	0.051	r
75-09-2	Methylene Chloride	9.57		0.863	0.863	r
75-15-0	Carbon Disulfide	9.98		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.3		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	10.1		0.252	0.252	r
75-34-3	1,1-Dichloroethane	10.3		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.6		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.3		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	10.3		0.051	0.051	r
110-54-3	Hexane	10.5		0.284	0.284	r
67-66-3	Chloroform	10.1		0.205	0.205	r
141-78-6	Ethyl acetate	12.6		0.278	0.278	r
109-99-9	Tetrahydrofuran	10.6		0.339	0.339	r
107-06-2	1,2-Dichloroethane	10.5		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.6		0.183	0.183	r
71-43-2	Benzene	9.89		0.313	0.313	r
56-23-5	Carbon Tetrachloride	10.4		0.032	0.032	r
110-82-7	Cyclohexane	9.41		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.2		0.217	0.217	r
75-27-4	Bromodichloromethane	10.2		0.149	0.149	r
79-01-6	Trichloroethene	10.4		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	10.2		0.215	0.215	r
123-91-1	1,4-Dioxane	10.4		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: CS90763 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 LCS

Canister: LCS Lab File ID: 0326_04.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.5		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	10.5		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	10.6		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.2		0.183	0.183	r
108-88-3	Toluene	10.5		0.266	0.266	r
124-48-1	Dibromochloromethane	10.4		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	11.1		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.4		0.130	0.130	r
127-18-4	Tetrachloroethene	10.6		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	10.2		0.146	0.146	r
108-90-7	Chlorobenzene	10.5		0.217	0.217	r
100-41-4	Ethylbenzene	10.8		0.230	0.230	r
179601-23-1	m,p-Xylene	22.1		0.230	0.230	r
75-25-2	Bromoform	10.8		0.097	0.097	r
100-42-5	Styrene	11.3		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	10.6		0.146	0.146	r
95-47-6	o-Xylene	10.8		0.230	0.230	r
98-82-8	Isopropylbenzene	10.4		0.204	0.204	r
622-96-8	4-Ethyltoluene	11.3		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	11.0		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	11.5		0.204	0.204	r
100-44-7	Benzyl chloride	10.4		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	12.5		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	12.0		0.166	0.166	r
135-98-8	sec-Butylbenzene	10.3		0.182	0.182	r
99-87-6	4-Isopropyltoluene	10.4		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	12.2		0.166	0.166	r
104-51-8	n-Butylbenzene	11.3		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	9.22		0.135	0.135	r
91-20-3	Naphthalene	8.49		0.200	0.200	r
87-68-3	Hexachlorobutadiene	10.6		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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:02 pm
Operator : Keith
Client ID : CS90763 LCS
Lab ID : CS90763 LCS
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:36:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	227816	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	794844	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	393240	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	227492	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	794844	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	393240	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	494640	10.505	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.10%				
Target Compounds							Qvalue
2) Propylene	4.070	41	249620	9.716	ppbv		98
3) Dichlorodifluoromethane	4.145	85	778533	10.629	ppbv		98
4) Chloromethane	4.294	50	332277	10.084	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.385	85	691572	10.400	ppbv		91
6) Vinyl Chloride	4.493	62	295819	10.055	ppbv		99
7) 1,3-Butadiene	4.618	54	250501	10.171	ppbv		94
8) Bromomethane	4.850	94	256833	9.806	ppbv		97
9) Chloroethane	4.991	64	122529	10.365	ppbv		96
11) Ethanol	5.057	45	88469	6.113	ppbv		95
12) Acetone	5.437	43	483526	10.323	ppbv		98
13) Trichlorofluoromethane	5.578	101	776746	10.367	ppbv		99
14) Isopropylalcohol	5.603	45	589679	10.190	ppbv		98
15) Acrylonitrile	5.772	53	230729	9.861	ppbv		97
16) 1,1-Dichloroethene	6.028	61	484424	10.437	ppbv		95
17) Methylene Chloride	6.106	49	396677	9.568	ppbv		97
20) Carbon Disulfide	6.344	76	686927	9.977	ppbv		99
21) Trichlorotrifluoroethane	6.284	101	562408	10.266	ppbv		98
22) Trans-1,2-Dichloroethene	6.737	61	440131	10.142	ppbv		95
23) 1,1-Dichloroethane	6.866	63	529677	10.320	ppbv		99
24) Methyl tert-butyl ethe...	6.891	73	638550	10.590	ppbv		95
25) Methyl Ethyl Ketone	7.094	43	631246	10.248	ppbv		99
26) Cis-1,2-Dichloroethene	7.402	61	418126	10.263	ppbv		96
27) Hexane	7.523	57	450653	10.473	ppbv		99
28) Chloroform	7.580	83	560748	10.062	ppbv		99
29) Ethyl acetate	7.499	61	125146	12.579	ppbv		98
30) Tetrahydrofuran	7.832	42	314019	10.636	ppbv		98
31) 1,2-Dichloroethane	8.050	62	433087	10.503	ppbv		97
32) 1,1,1-Trichloroethane	8.213	97	622050	10.558	ppbv		98
33) Benzene	8.493	78	732930	9.887	ppbv		99
34) Carbon Tetrachloride	8.588	117	705751	10.421	ppbv		100
35) Cyclohexane	8.666	84	269876	9.412	ppbv		91
37) 1,2-dichloropropane	8.969	63	351178	10.146	ppbv		96
38) Bromodichloromethane	9.082	83	630116	10.242	ppbv		98
39) Trichloroethene	9.107	130	394342	10.433	ppbv		98
40) 2,2,4-trimethylpentane	9.116	57	1445206	10.208	ppbv		99
41) 1,4-Dioxane	9.090	88	158797	10.348	ppbv	#	95
43) Heptane	9.246	43	595589	10.472	ppbv		96
44) cis-1,3-Dichloropropene	9.589	75	489093	10.491	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.582	43	766044	10.501	ppbv		99
46) trans-1,3-Dichloropropene	9.877	75	398755	10.549	ppbv		96
47) 1,1,2-Trichloroethane	9.990	97	341963	10.152	ppbv		98
48) Toluene	10.152	91	938873	10.511	ppbv		98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:02 pm
Operator : Keith
Client ID : CS90763 LCS
Lab ID : CS90763 LCS
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:36:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.405	129	766208	10.386	ppbv	98
50)	2-Hexanone(MBK)	10.258	43	690014	11.047	ppbv	96
51)	1,2-Dibromoethane(EDB)	10.546	107	589143	10.372	ppbv	99
52)	Tetrachloroethene	10.792	166	641124	10.629	ppbv	92
54)	1,1,1,2-Tetrachloroethane	11.155	131	482689	10.147	ppbv	99
55)	Chlorobenzene	11.170	112	792155	10.495	ppbv	98
56)	Ethylbenzene	11.359	91	1225693	10.819	ppbv	99
57)	m,p-Xylene	11.450	91	1906144	22.114	ppbv	98
58)	Bromoform	11.534	173	895380	10.812	ppbv	99
59)	Styrene	11.655	104	718523	11.285	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.716	83	734947	10.548	ppbv	95
61)	o-Xylene	11.723	91	980321	10.779	ppbv	98
64)	Isopropylbenzene	12.042	105	1382200	10.362	ppbv	98
65)	4-Ethyltoluene	12.416	105	1396468	11.326	ppbv	97
66)	1,3,5-Trimethylbenzene	12.455	105	1192770	10.998	ppbv	94
67)	1,2,4-Trimethylbenzene	12.704	105	1223216	11.516	ppbv	99
68)	Benzyl chloride	12.805	91	787919	10.402	ppbv	99
69)	1,3-Dichlorobenzene	12.820	146	907912	12.475	ppbv	99
70)	1,4-Dichlorobenzene	12.859	146	750511	11.969	ppbv	97
71)	sec-Butylbenzene	12.867	105	1667422	10.286	ppbv	99
72)	4-Isopropyltoluene	12.952	119	1541285	10.435	ppbv	97
73)	1,2-Dichlorobenzene	13.077	146	847885	12.167	ppbv	98
74)	n-Butylbenzene	13.224	91	1220959	11.270	ppbv	98
75)	1,2,4-Trichlorobenzene	14.274	180	357237	9.218	ppbv	98
76)	Naphthalene	14.375	128	704591	8.489	ppbv#	98
77)	Hexachlorobutadiene	14.632	225	755692	10.591	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.385	85	690571	9.733	ppbv	91
80]	Vinyl Chloride(sim)	4.496	62	314350	9.970	ppbv	100
81]	Bromomethane(sim)	4.850	94	256833	8.637	ppbv	97
82]	Trichlorofluoromethane...	5.581	101	793086	10.022	ppbv#	99
83]	1,2-Dichloroethane(sim)	8.050	62	433087	10.048	ppbv	97
84]	1,1,1-Trichloroethane(...	8.216	97	648480	10.438	ppbv#	99
85]	Benzene(sim)	8.493	78	732930	9.495	ppbv	99
86]	Carbon Tetrachloride(sim)	8.591	117	707106	10.287	ppbv	99
87]	1,1-Dichloroethene(sim)	6.028	61	484424	9.891	ppbv	95
88]	Trichlorotrifluoroetha...	6.281	101	578559	9.770	ppbv#	97
89]	Trans-1,2-Dichloroethe...	6.737	61	440131	9.535	ppbv	95
90]	1,1-Dichloroethane(sim)	6.869	63	562137	10.013	ppbv	99
91]	Cis-1,2-Dichloroethene...	7.402	61	418126	9.875	ppbv	96
92]	Chloroform(sim)	7.583	83	587939	9.612	ppbv	100
94]	1,2-dichloropropane(sim)	8.972	63	371021	9.770	ppbv	94
95]	Bromodichloromethane(sim)	9.082	83	630116	9.630	ppbv	99
96]	Trichloroethene(sim)	9.110	130	402574	9.866	ppbv	96
97]	1,4-Dioxane(sim)	9.090	88	158797	10.521	ppbv#	95
98]	cis-1,3-Dichloropropen...	9.585	75	522526	10.720	ppbv	98
99]	1,1,2-Trichloroethane(...	9.990	97	341708	9.741	ppbv	98
100]	Dibromochloromethane(sim)	10.408	129	762901	10.412	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.546	107	589143	10.242	ppbv	99
102]	Tetrachloroethene(sim)	10.795	166	649325	10.068	ppbv	92
104]	Bromoform(sim)	11.537	173	867939	10.500	ppbv	99
105]	m,p-Xylene(sim)	11.450	91	1911302	21.514	ppbv	98
106]	1,1,2,2-Tetrachloroeth...	11.719	83	762559	9.993	ppbv	100
107]	Benzyl chloride(sim)	12.805	91	787919	9.268	ppbv	99
108]	1,3-Dichlorobenzene(sim)	12.823	146	945257	14.216	ppbv	97
109]	1,4-Dichlorobenzene(sim)	12.859	146	750511	14.993	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:02 pm
Operator : Keith
Client ID : CS90763 LCS
Lab ID : CS90763 LCS
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:36:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

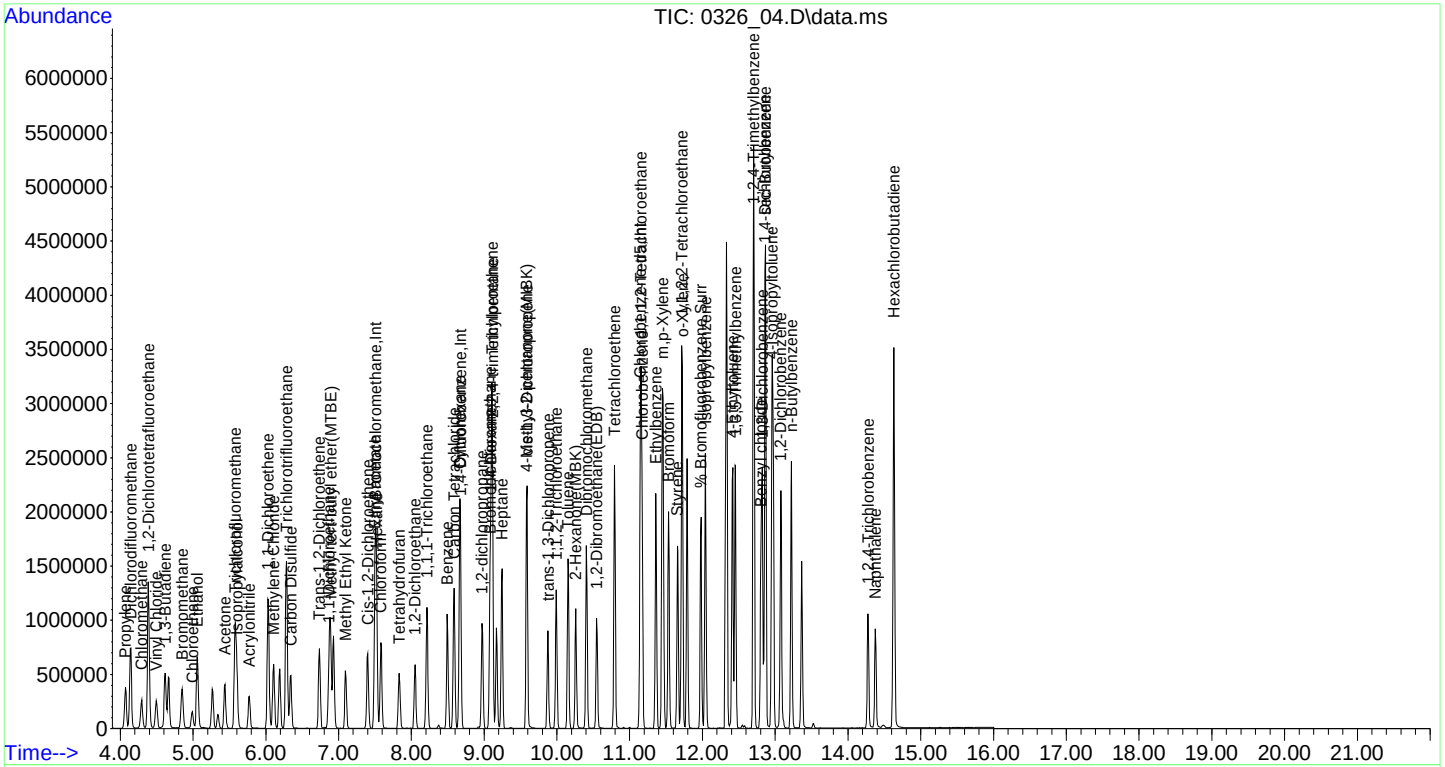
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.862	105	1802288	10.451	ppbv	98
111] 4-Isopropyltoluene(sim)	12.952	119	1540924	10.399	ppbv	97
112] 1,2-Dichlorobenzene(sim)	13.080	146	927305	13.393	ppbv	98
113] n-Butylbenzene(sim)	13.224	91	1220959	8.418	ppbv	98
114] 1,2,4-Trichlorobenzene...	14.277	180	389431	3.482	ppbv	98
116] Hexachlorobutadiene(sim)	14.635	225	759997	9.205	ppbv	98

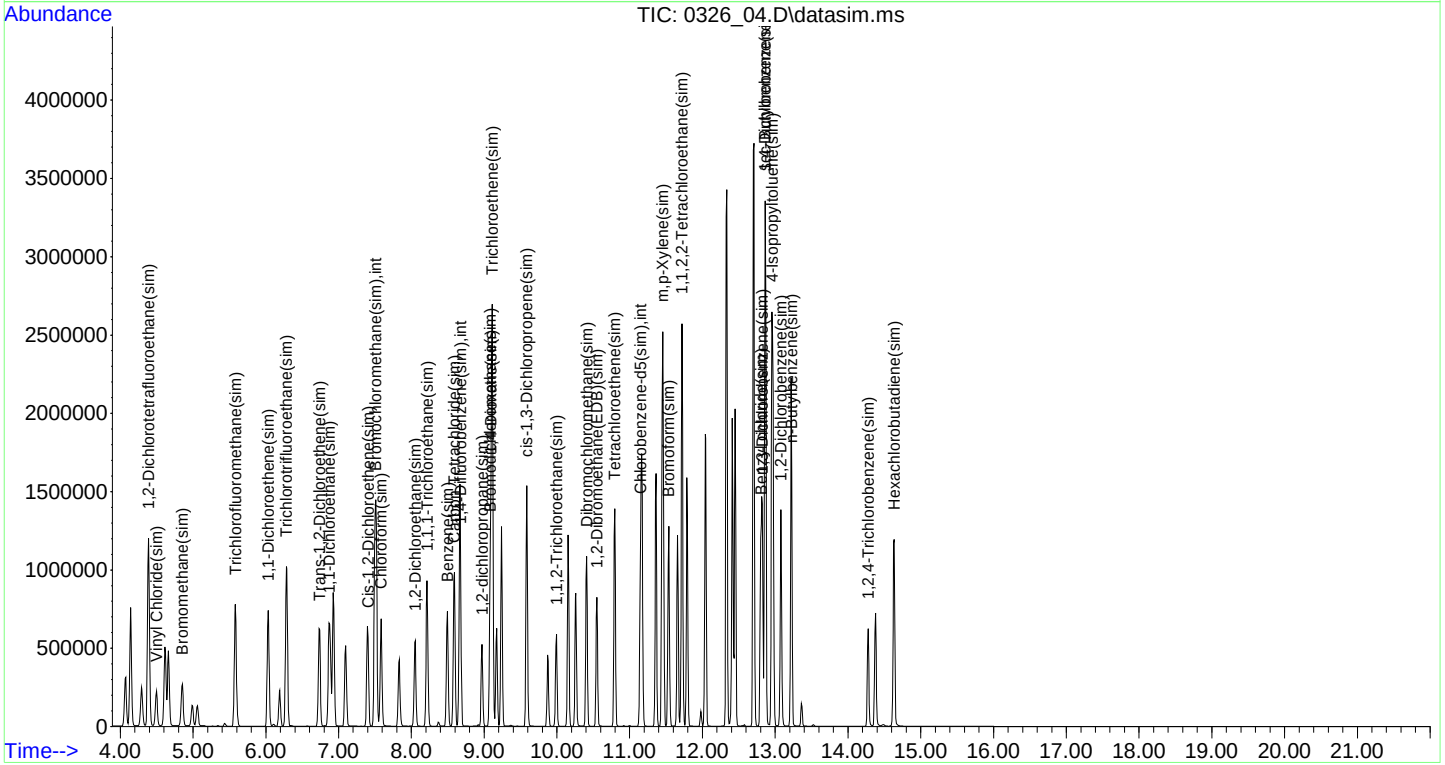
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_04.D
Acq On : 26 Mar 2025 3:02 pm
Operator : Keith
Client ID : CS90763 LCS
Lab ID : CS90763 LCS
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 21:36:26 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: CS90763 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 0.5X

Canister: 49203 Lab File ID: 0326_09.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	3.70		0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.474		0.250	0.250	r
74-87-3	Chloromethane	0.684		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	151	ES	0.375	0.375	r
67-64-1	Acetone	13.9	S	0.375	0.375	r
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	30.2	ES	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	8.19	S	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.715		0.225	0.225	r
110-54-3	Hexane	0.761	S	0.225	0.225	r
67-66-3	Chloroform	2.79		0.100	0.100	r
141-78-6	Ethyl acetate	0.891		0.250	0.250	r
109-99-9	Tetrahydrofuran	0.319		0.250	0.250	r
107-06-2	1,2-Dichloroethane	0.581		0.010	0.010	r
71-43-2	Benzene	0.464		0.100	0.100	r
110-82-7	Cyclohexane	0.375		0.250	0.250	r
75-27-4	Bromodichloromethane	0.238		0.010	0.010	r
540-84-1	2,2,4-trimethylpentane	0.512		0.107	0.107	
142-82-5	Heptane	0.597		0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.250	U	0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	5.21		0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.647		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.380		0.250	0.250	r
179601-23-1	m,p-Xylene	1.35		0.500	0.500	r
100-42-5	Styrene	0.158		0.100	0.100	r
95-47-6	o-Xylene	0.551		0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	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: CS90763 QC 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 0.5X

Canister: 49203 Lab File ID: 0326_09.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
622-96-8	4-Ethyltoluene	0.252		0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.296		0.250	0.250	r
106-46-7	1,4-Dichlorobenzene	0.482		0.040	0.040	r
99-87-6	4-Isopropyltoluene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.206		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.077		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.096		0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.048		0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.027		0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_09.D
Acq On : 26 Mar 2025 6:06 pm
Operator : Keith
Client ID : CS90763 QC 0.5X
Lab ID : CS90763 QC 0.5X
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 21:40:42 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	225015	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	788474	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	363882	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	227988	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	788474	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	364320	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	467259	10.724	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.20%				
Target Compounds							Qvalue
2) Propylene	4.087	41	187634	7.394	ppbv#		78
3) Dichlorodifluoromethane	4.145	85	68506	0.947	ppbv		99
4) Chloromethane	4.294	50	44479	1.367	ppbv		98
11) Ethanol	5.090	45	4307240	301.337	ppbv		95
12) Acetone	5.437	43	1282579	27.722	ppbv		90
13) Trichlorofluoromethane	5.578	101	32559	0.440	ppbv		99
14) Isopropylalcohol	5.621	45	3454068	60.431	ppbv		97
17) Methylene Chloride	6.106	49	670530	16.376	ppbv		95
25) Methyl Ethyl Ketone	7.102	43	86965	1.429	ppbv		99
27) Hexane	7.523	57	64681	1.522	ppbv		96
28) Chloroform	7.588	83	307284	5.583	ppbv		100
29) Ethyl acetate	7.499	61	17514	1.782	ppbv		97
30) Tetrahydrofuran	7.840	42	18571	0.637	ppbv		93
31) 1,2-Dichloroethane	8.050	62	47328	1.162	ppbv		98
33) Benzene	8.493	78	67850	0.927	ppbv		97
34) Carbon Tetrachloride	8.588	117	10897	0.163	ppbv		97
35) Cyclohexane	8.666	84	21244	0.750	ppbv		95
37) 1,2-dichloropropane	8.969	63	7109	0.207	ppbv#		81
38) Bromodichloromethane	9.090	83	29058	0.476	ppbv		88
39) Trichloroethene	9.107	130	3685	0.098	ppbv#		87
43) Heptane	9.246	43	67378	1.194	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.596	43	17423	0.241	ppbv#		90
48) Toluene	10.152	91	922623	10.412	ppbv		98
49) Dibromochloromethane	10.412	129	4016	0.055	ppbv		97
52) Tetrachloroethene	10.792	166	77371	1.293	ppbv		92
56) Ethylbenzene	11.359	91	79628	0.760	ppbv		98
57) m,p-Xylene	11.450	91	215326	2.700	ppbv		98
59) Styrene	11.663	104	18598	0.316	ppbv		92
60) 1,1,2,2-Tetrachloroethane	11.723	83	1956	0.030	ppbv#		1
61) o-Xylene	11.723	91	92687	1.101	ppbv		98
65) 4-Ethyltoluene	12.385	105	57390	0.503	ppbv		94
67) 1,2,4-Trimethylbenzene	12.704	105	58060	0.591	ppbv#		86
70) 1,4-Dichlorobenzene	12.859	146	55900	0.963	ppbv		96
72) 4-Isopropyltoluene	12.952	119	30464	0.223	ppbv#		78
76) Naphthalene	14.375	128	30825	0.412	ppbv#		93
77) Hexachlorobutadiene	14.632	225	1297	0.020	ppbv		83
83] 1,2-Dichloroethane(sim)	8.050	62	47328	1.096	ppbv		98
85] Benzene(sim)	8.493	78	67850	0.877	ppbv		97
86] Carbon Tetrachloride(sim)	8.591	117	10559	0.153	ppbv		99
92] Chloroform(sim)	7.583	83	320226	5.224	ppbv		100
94] 1,2-dichloropropane(sim)	8.972	63	7232	0.192	ppbv#		95
95] Bromodichloromethane(sim)	9.090	83	29058	0.448	ppbv		88

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_09.D
Acq On : 26 Mar 2025 6:06 pm
Operator : Keith
Client ID : CS90763 QC 0.5X
Lab ID : CS90763 QC 0.5X
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 21:40:42 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

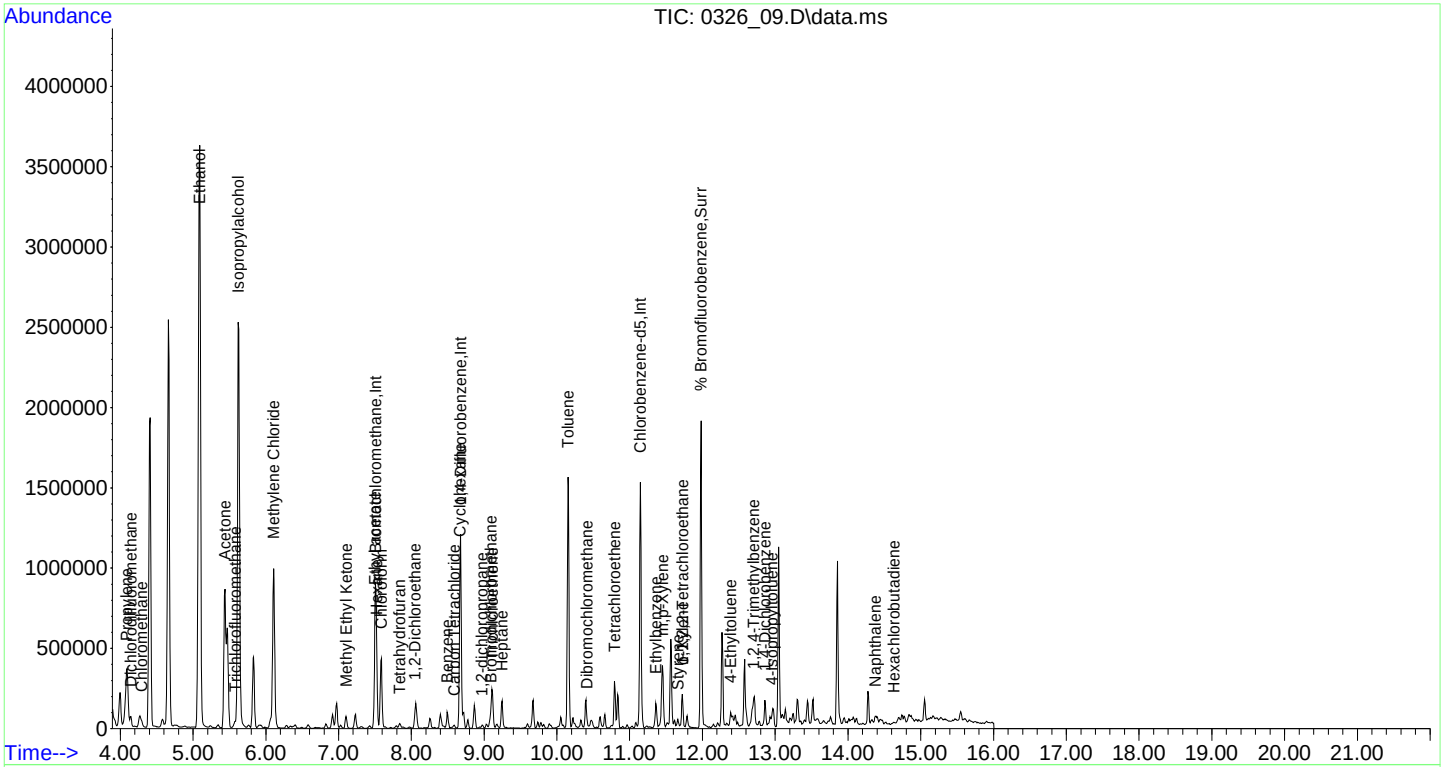
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96] Trichloroethene(sim)	9.110	130	3868	0.096	ppbv	92
100] Dibromochloromethane(sim)	10.408	129	3860	0.053	ppbv	100
102] Tetrachloroethene(sim)	10.795	166	78608	1.229	ppbv	93
105] m,p-Xylene(sim)	11.450	91	215326	2.616	ppbv	98
109] 1,4-Dichlorobenzene(sim)	12.859	146	55702	1.201	ppbv	96
115] Naphthalene(sim)	14.375	128	30825	0.905	ug/l	100

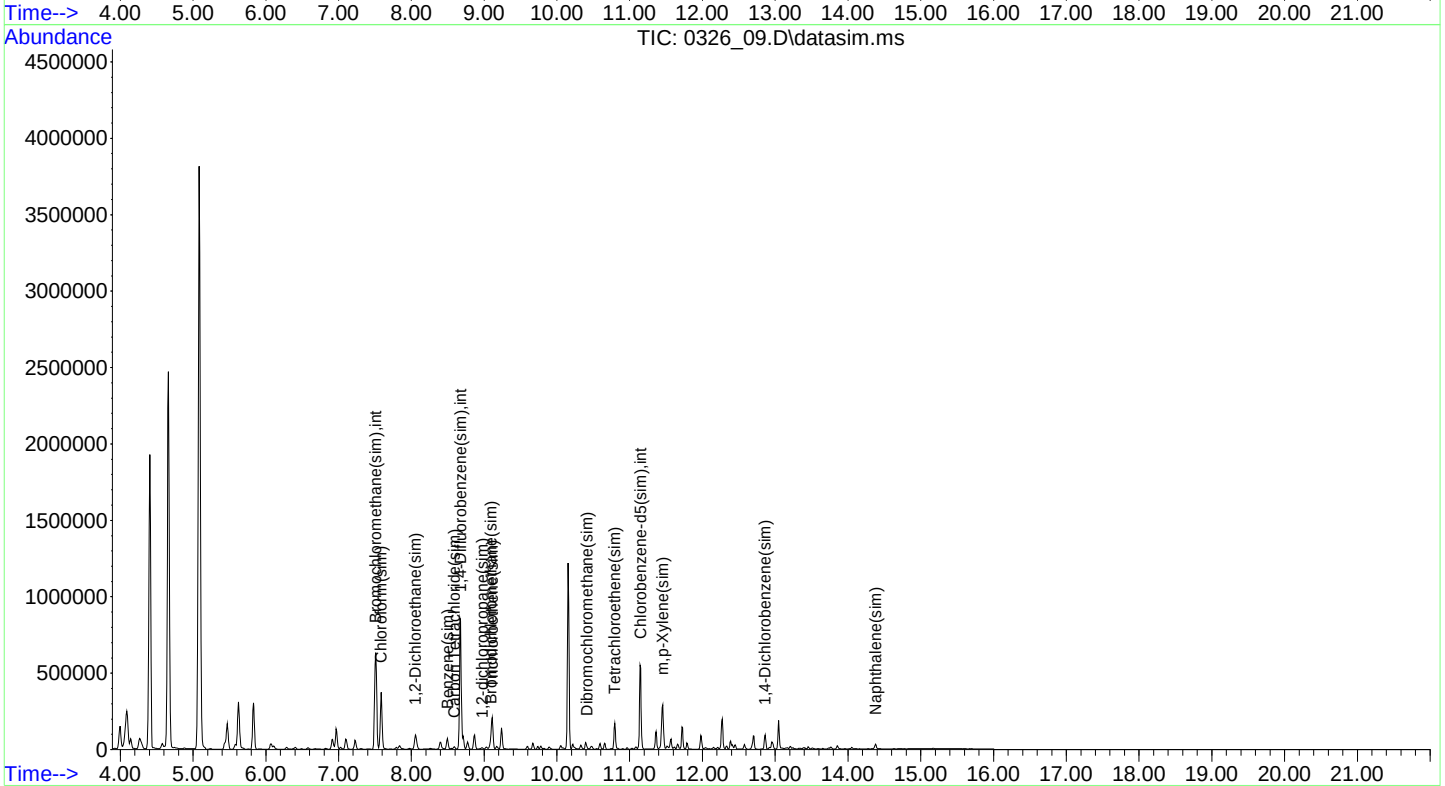
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

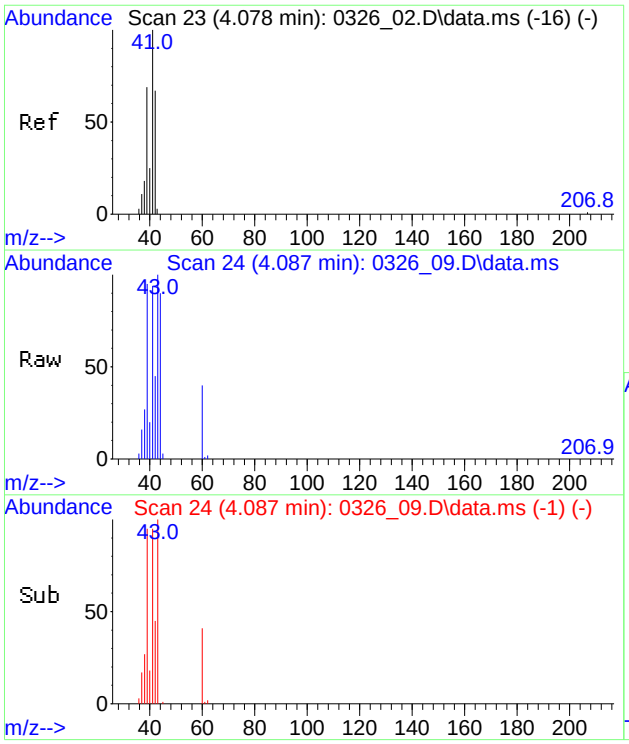
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_09.D
Acq On : 26 Mar 2025 6:06 pm
Operator : Keith
Client ID : CS90763 QC 0.5X
Lab ID : CS90763 QC 0.5X
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 21:40:42 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



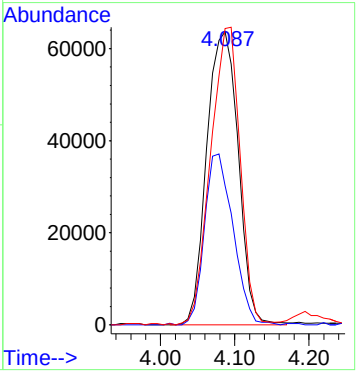


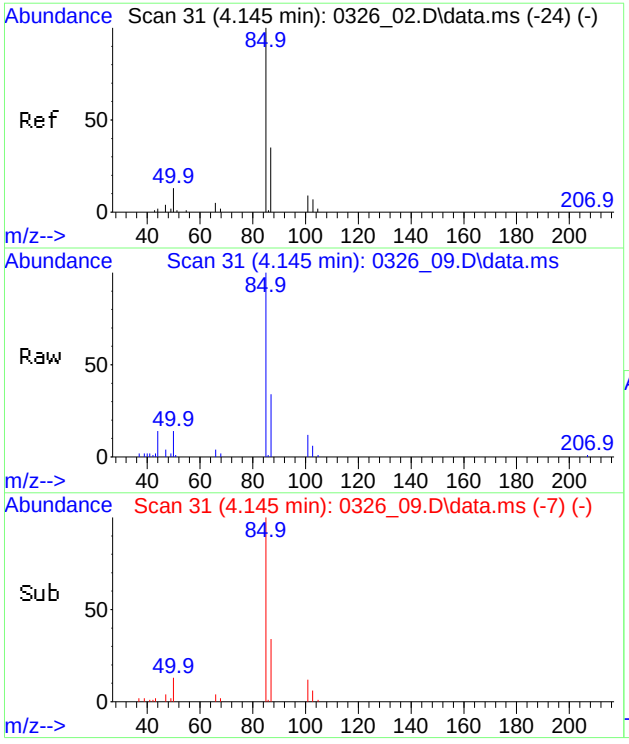


#2
Propylene
Conc: 8$ 7.394 ppbv
RT: 4.087 min Scan# 24
Delta R.T. 0.008 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 41 Resp: 187634

Ion	Ratio	Lower	Upper
41	100		
42	53.0	51.9	77.9
39	95.2	57.8	86.8#

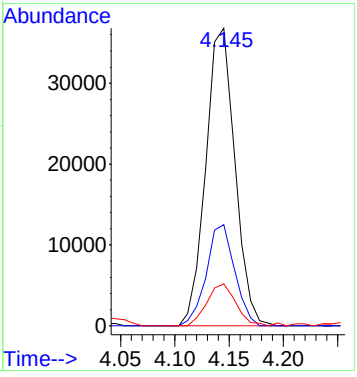


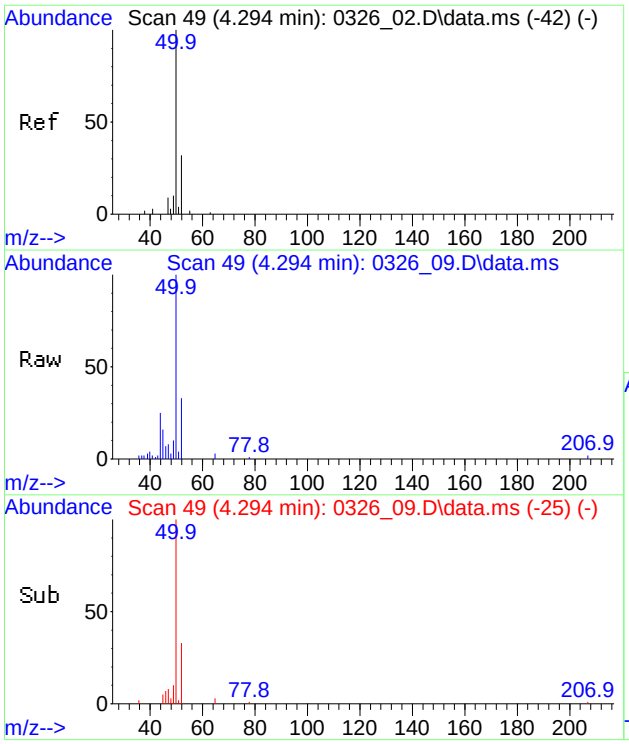


#3
Dichlorodifluoromethane
Conc: 8$ 0.947 ppbv
RT: 4.145 min Scan# 31
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 85 Resp: 68506

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.9	40.3
50	14.0	12.0	18.0

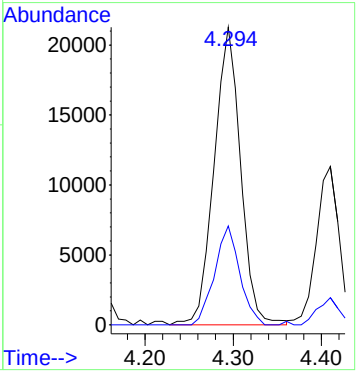


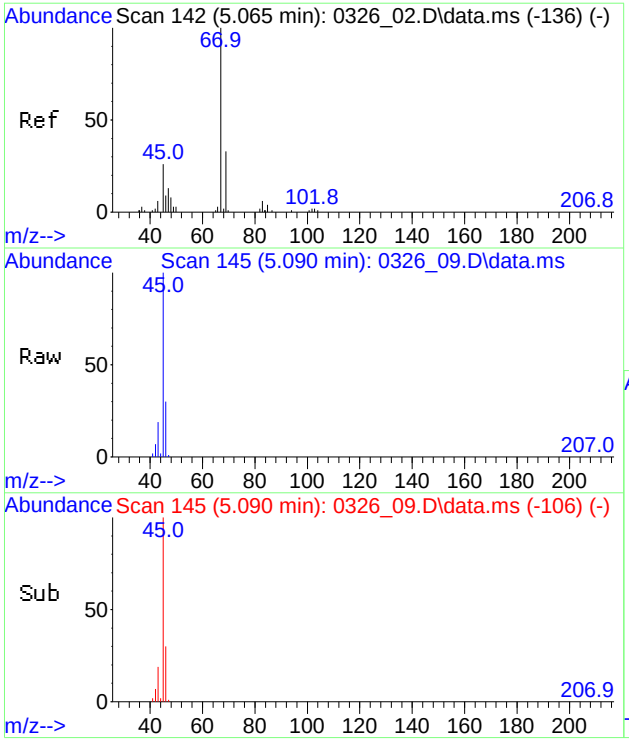


#4
Chloromethane
Conc: 8$ 1.367 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 50 Resp: 44479

Ion	Ratio	Lower	Upper
50	100		
52	31.5	12.8	52.8

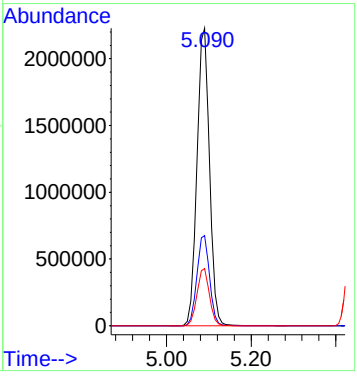


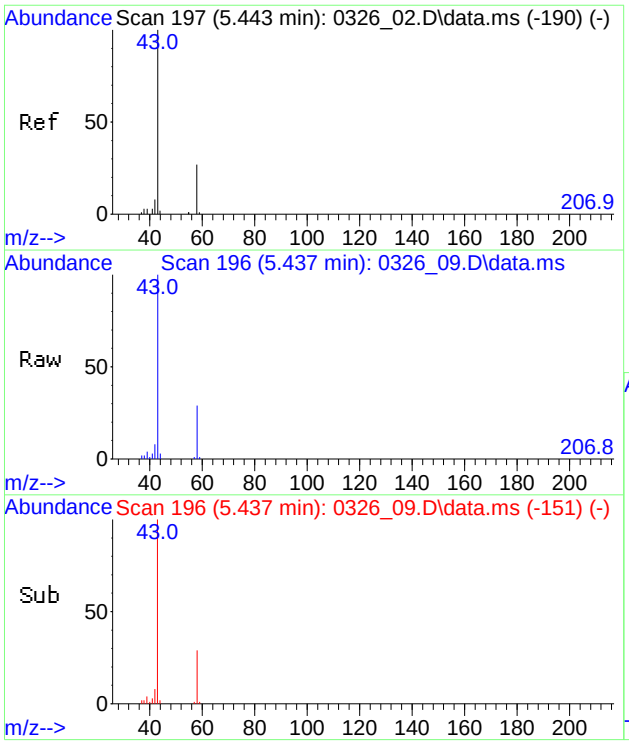


#11
Ethanol
Conc: 8$ 301.337 ppbv
RT: 5.090 min Scan# 145
Delta R.T. 0.025 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 45 Resp: 4307240

Ion	Ratio	Lower	Upper
45	100		
46	32.4	25.0	37.6
43	20.9	20.0	30.0

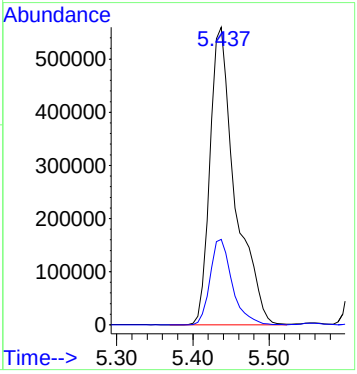


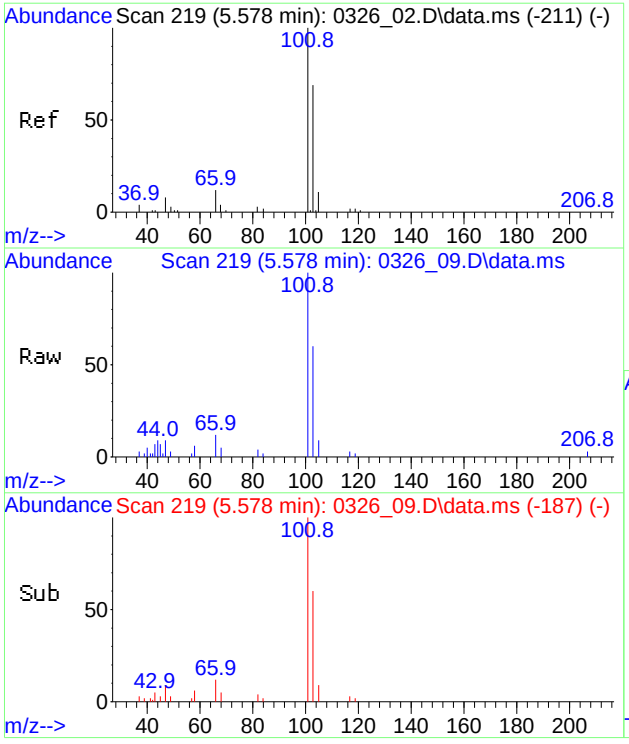


#12
Acetone
Conc: 8$ 27.722 ppbv
RT: 5.437 min Scan# 196
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 43 Resp: 1282579

Ion	Ratio	Lower	Upper
43	100		
58	25.3	24.6	37.0

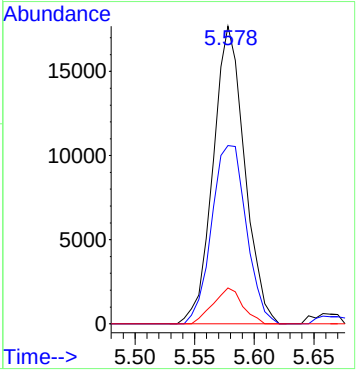


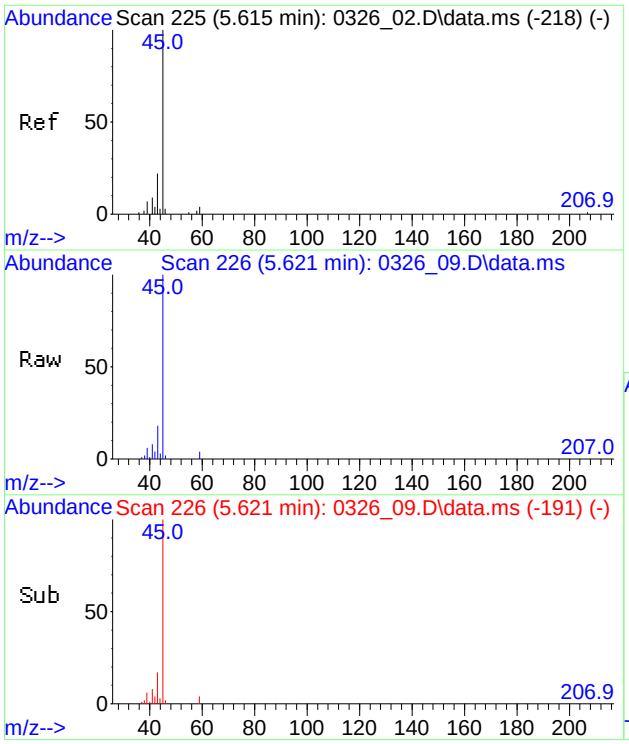


#13
Trichlorofluoromethane
Conc: 8$ 0.440 ppbv
RT: 5.578 min Scan# 219
Delta R.T. -0.006 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:101 Resp: 32559

Ion	Ratio	Lower	Upper
101	100		
103	65.9	53.4	80.2
66	11.2	9.3	13.9

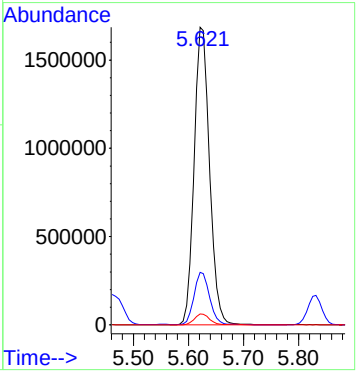


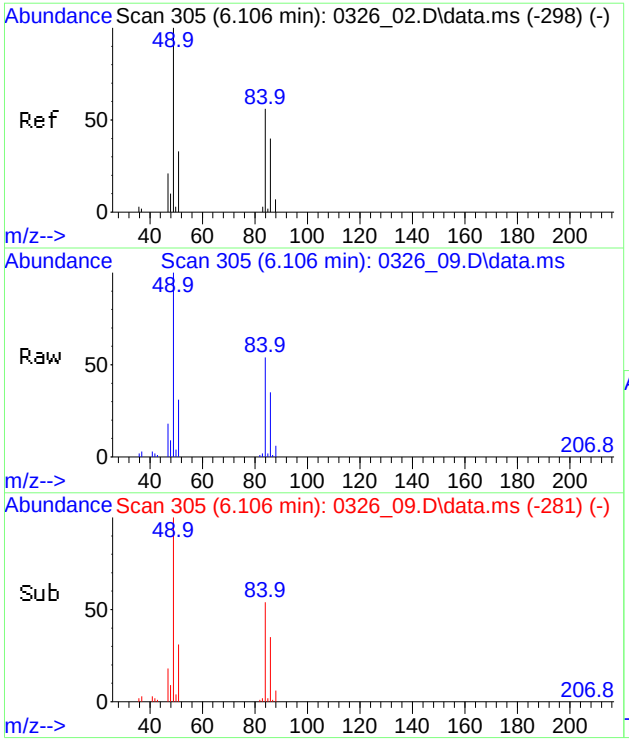


#14
Isopropylalcohol
Conc: 8$ 60.431 ppbv
RT: 5.621 min Scan# 226
Delta R.T. 0.012 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 45 Resp: 3454068

Ion	Ratio	Lower	Upper
45	100		
43	18.2	13.3	19.9
59	3.5	2.6	4.0

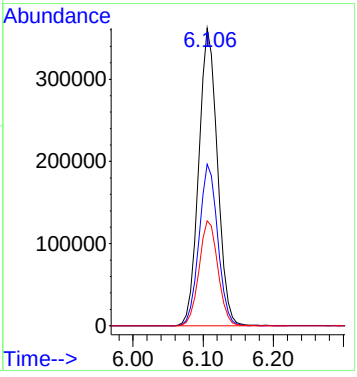


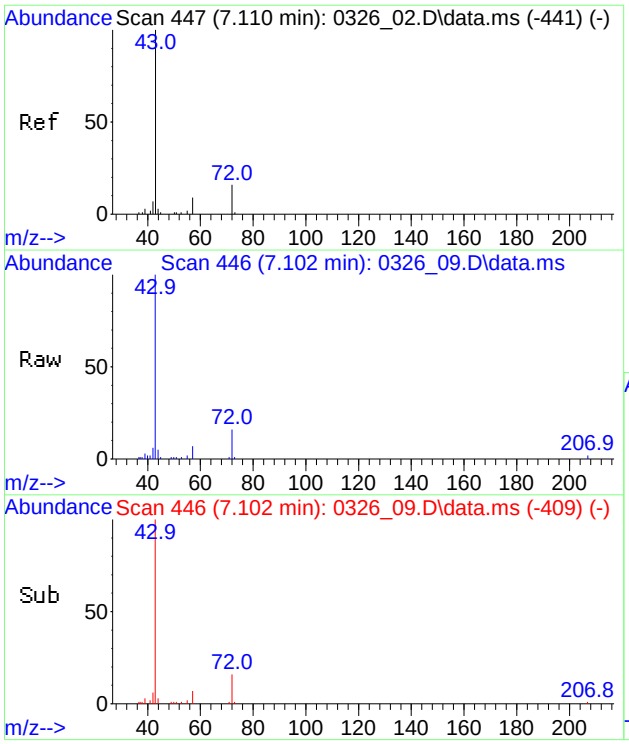


#17
Methylene Chloride
Conc: 8$ 16.376 ppbv
RT: 6.106 min Scan# 305
Delta R.T. -0.006 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 49 Resp: 670530

Ion	Ratio	Lower	Upper
49	100		
84	54.2	46.1	69.1
86	35.6	30.9	46.3

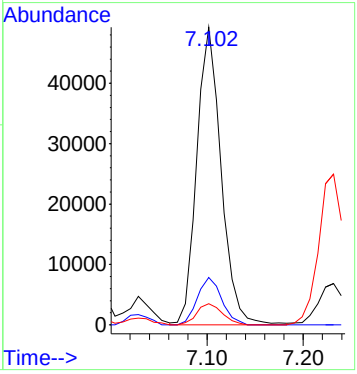


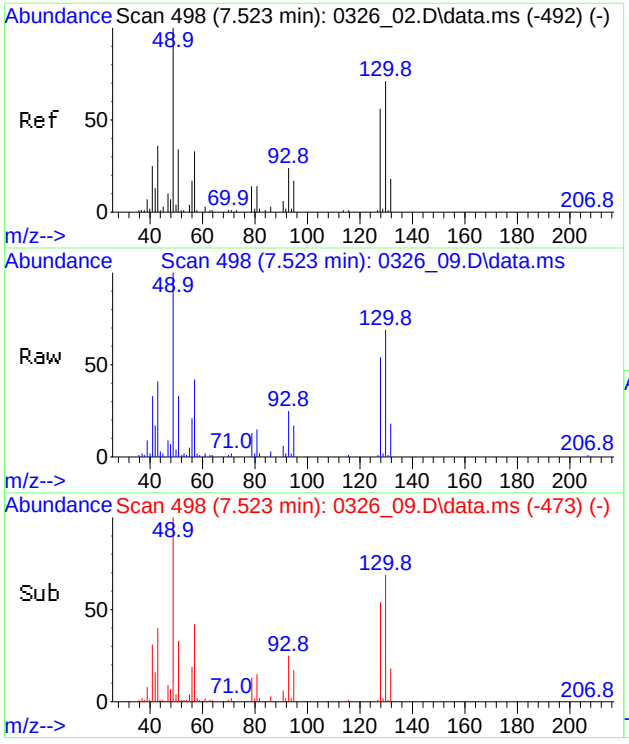


#25
Methyl Ethyl Ketone
Conc: 8$ 1.429 ppbv
RT: 7.102 min Scan# 446
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 43 Resp: 86965

Ion	Ratio	Lower	Upper
43	100		
72	15.9	13.1	19.7
57	7.5	6.6	9.8

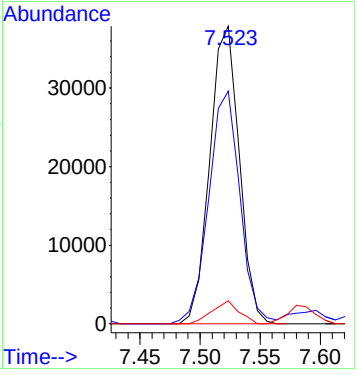


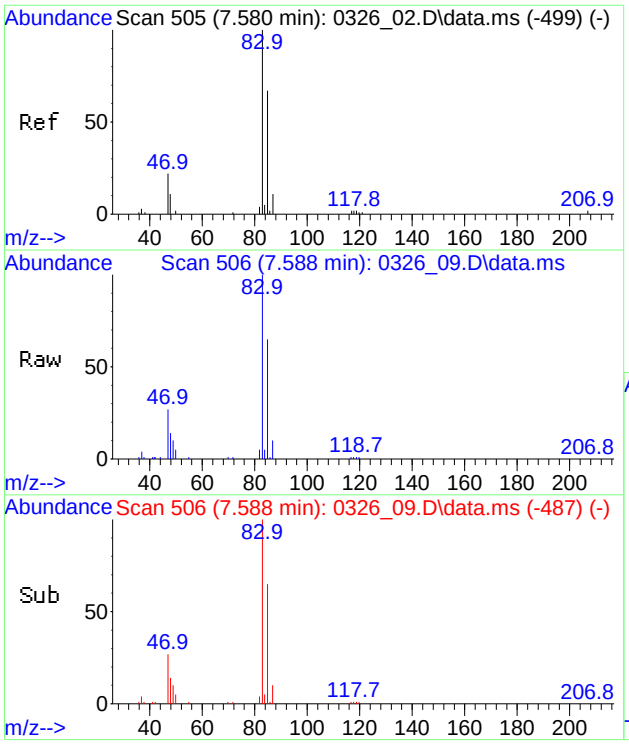


#27
Hexane
Conc: 8$ 1.522 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 57 Resp: 64681

Ion	Ratio	Lower	Upper
57	100		
41	82.9	63.4	95.2
86	7.1	5.8	8.6

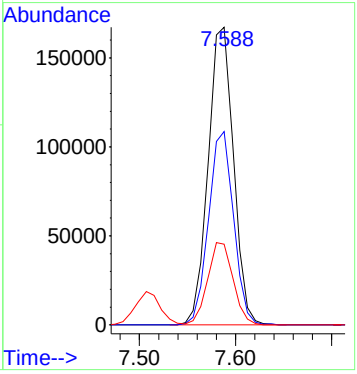


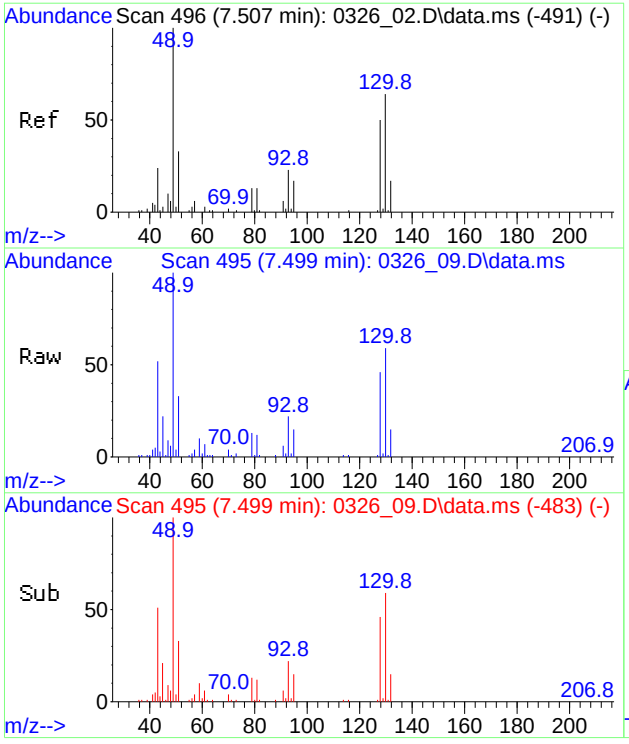


#28
Chloroform
Conc: 8$ 5.583 ppbv
RT: 7.588 min Scan# 506
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 83 Resp: 307284

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.4	84.4
47	27.7	7.4	47.4

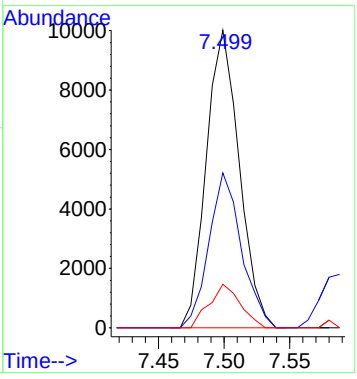


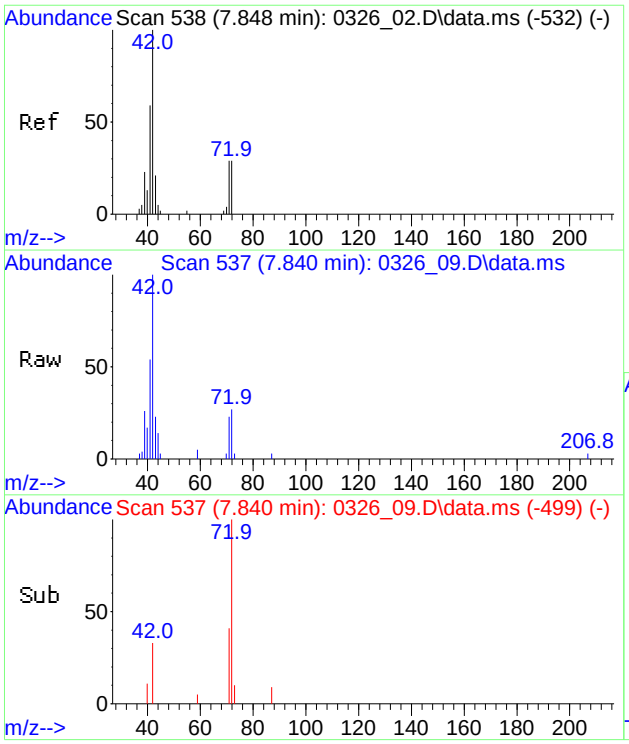


#29
Ethyl acetate
Conc: 8$ 1.782 ppbv
RT: 7.499 min Scan# 495
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 61 Resp: 17514

Ion	Ratio	Lower	Upper
61	100		
70	51.3	42.9	64.3
88	13.8	10.0	15.0

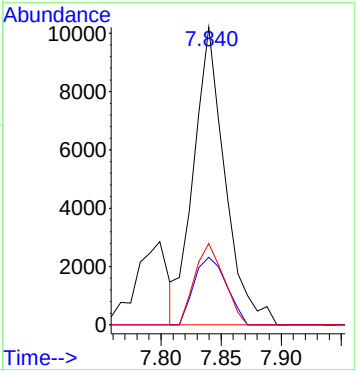


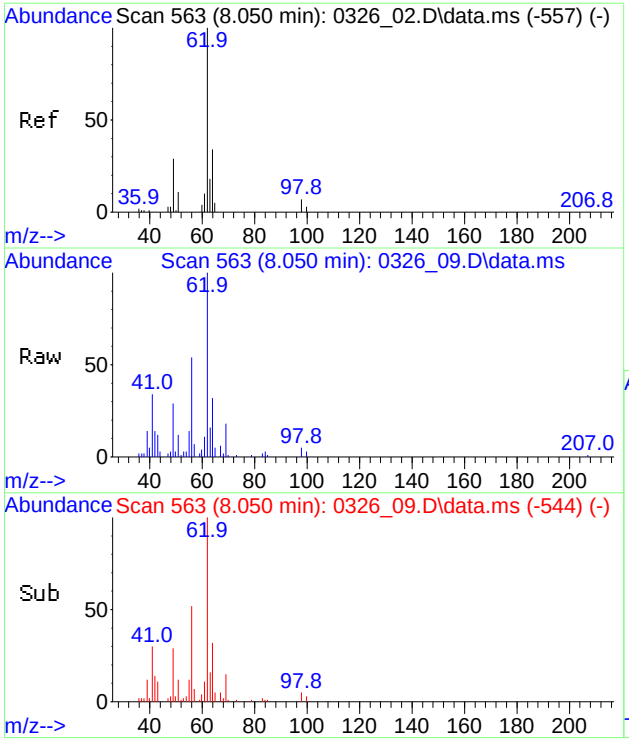


#30
Tetrahydrofuran
Conc: 8$ 0.637 ppbv
RT: 7.840 min Scan# 537
Delta R.T. 0.009 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 42 Resp: 18571

Ion	Ratio	Lower	Upper
42	100		
71	23.6	23.5	35.3
72	25.5	21.5	32.3

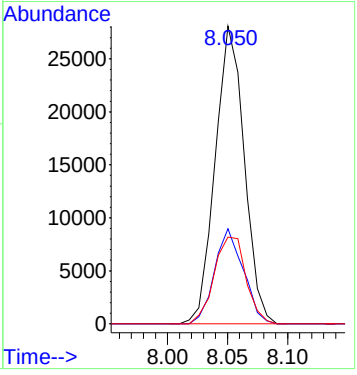


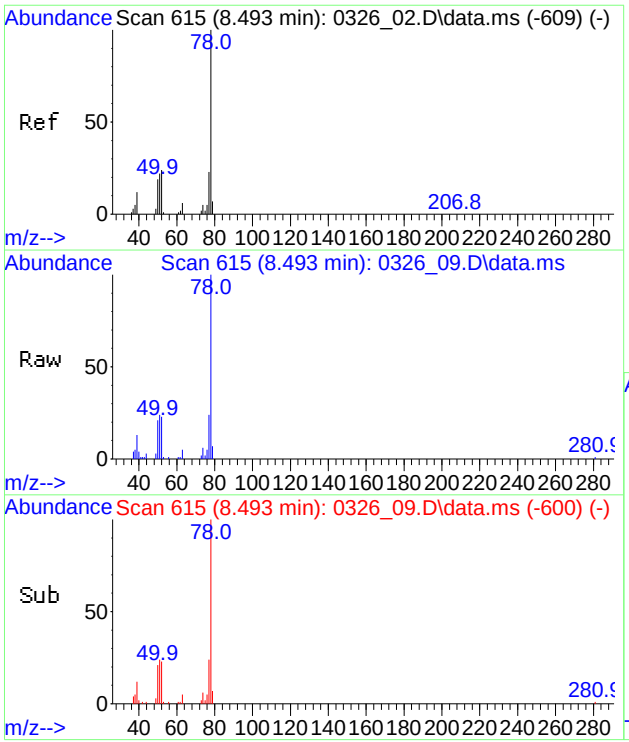


#31
1,2-Dichloroethane
Conc: 8$ 1.162 ppbv
RT: 8.050 min Scan# 563
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 62 Resp: 47328

Ion	Ratio	Lower	Upper
62	100		
64	31.6	23.9	35.9
49	32.0	26.3	39.5

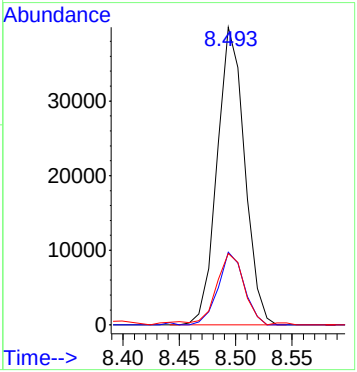


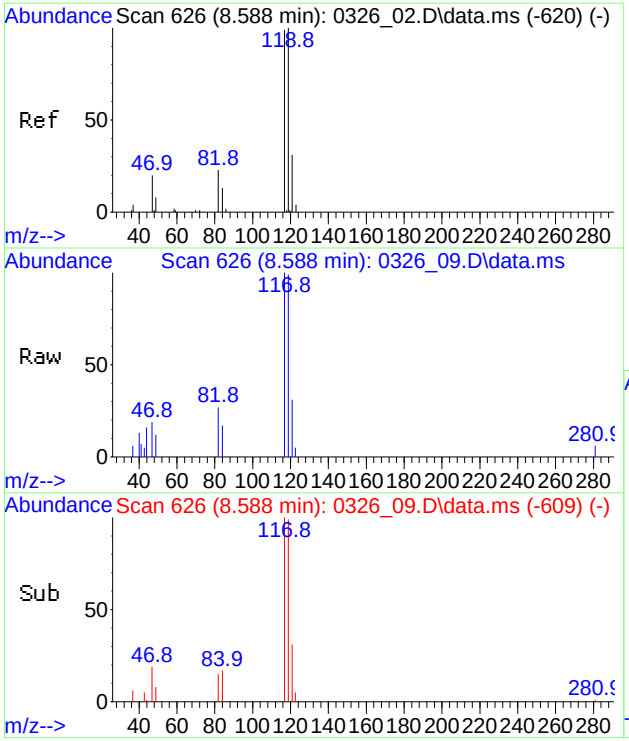


#33
Benzene
Conc: 8$ 0.927 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 78 Resp: 67850

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2
51	25.2	18.1	27.1

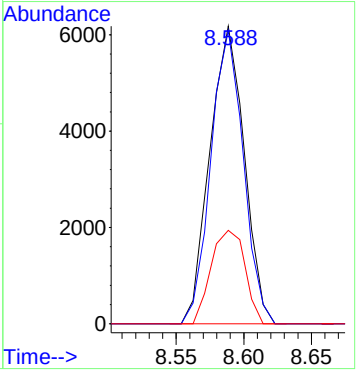


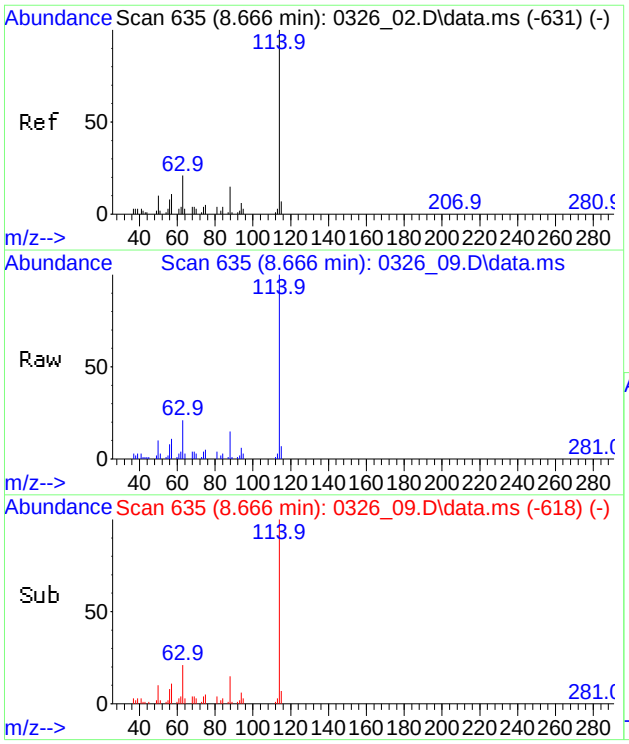


#34
Carbon Tetrachloride
Conc: 8$ 0.163 ppbv
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:117 Resp: 10897

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.5	116.5
121	30.9	11.2	51.2

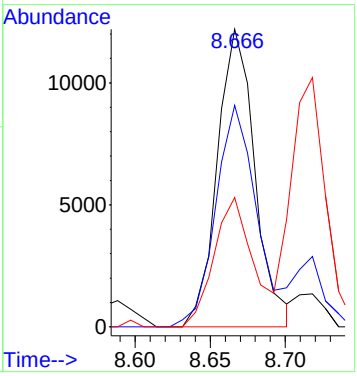


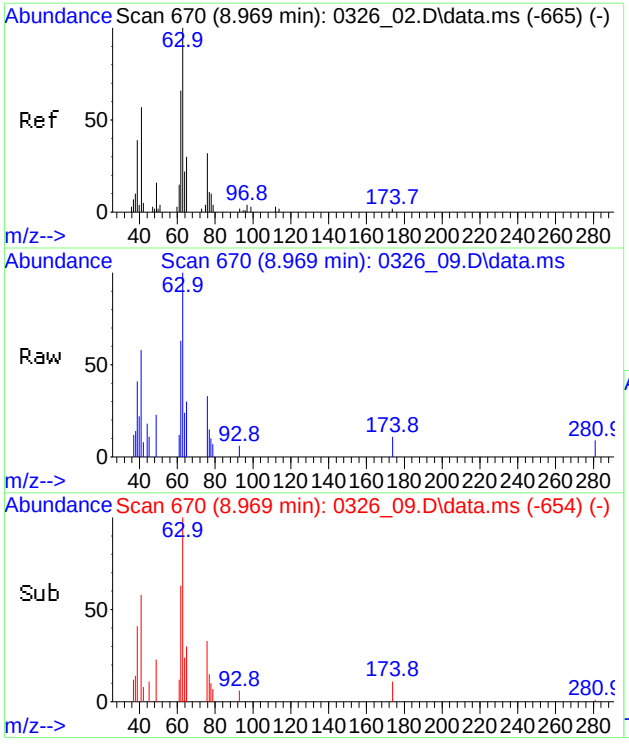


#35
Cyclohexane
Conc: 8$ 0.750 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 84 Resp: 21244

Ion	Ratio	Lower	Upper
84	100		
55	82.4	63.1	94.7
42	45.7	33.3	49.9

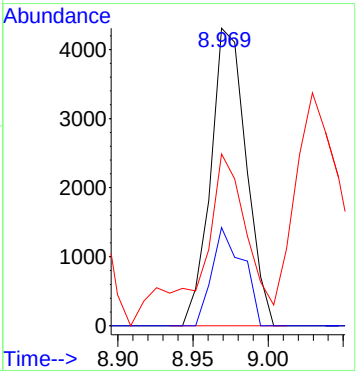


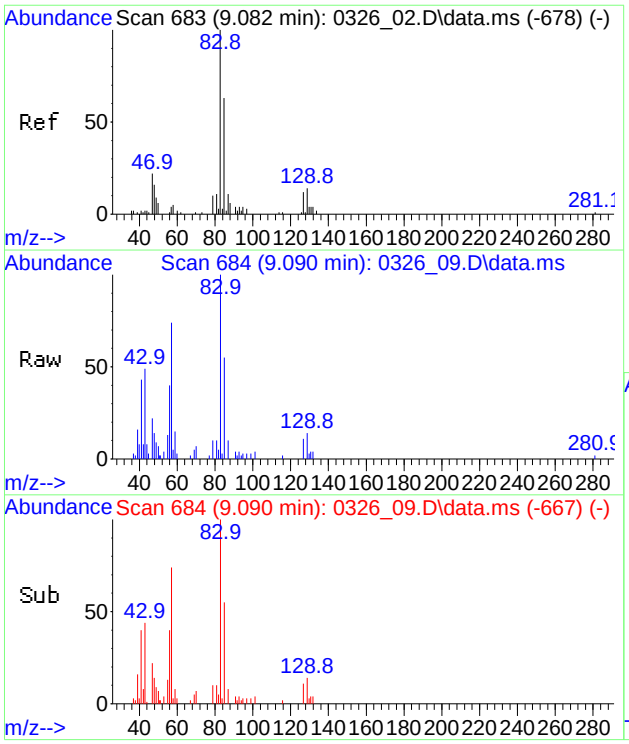


#37
1,2-dichloropropane
Conc: 8$ 0.207 ppbv
RT: 8.969 min Scan# 670
Delta R.T. -0.009 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 63 Resp: 7109

Ion	Ratio	Lower	Upper
63	100		
76	28.8	22.6	33.8
41	75.8	44.4	66.6#

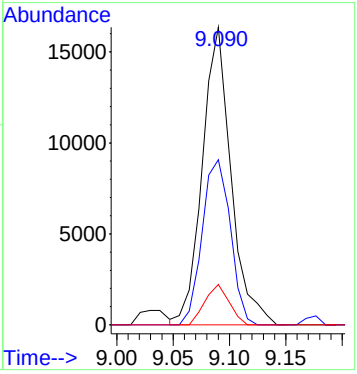


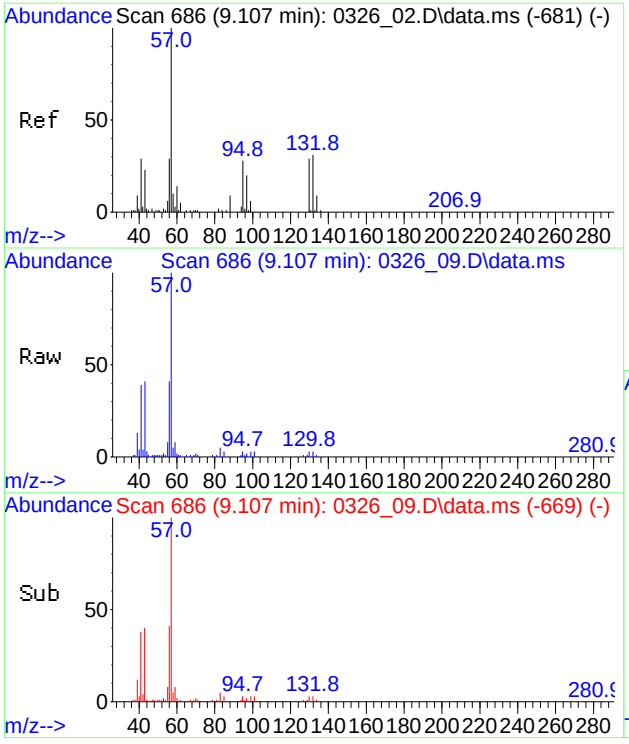


#38
Bromodichloromethane
Conc: 8$ 0.476 ppbv
RT: 9.090 min Scan# 684
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 83 Resp: 29058

Ion	Ratio	Lower	Upper
83	100		
85	54.3	44.0	84.0
129	11.4	0.0	35.8

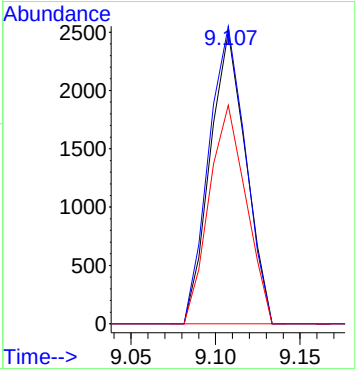


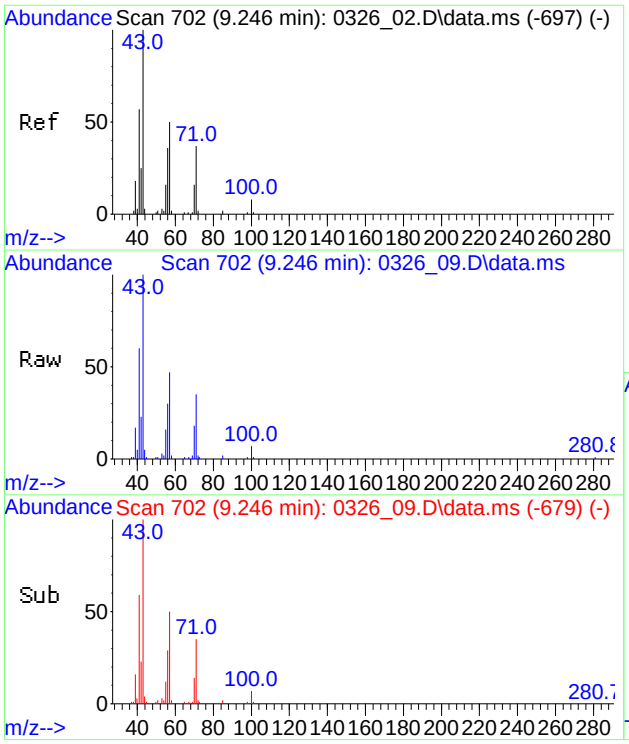


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 9.107 min Scan# 686
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:130 Resp: 3685

Ion	Ratio	Lower	Upper
130	100		
132	104.6	77.9	116.9
97	77.2	48.3	72.5#

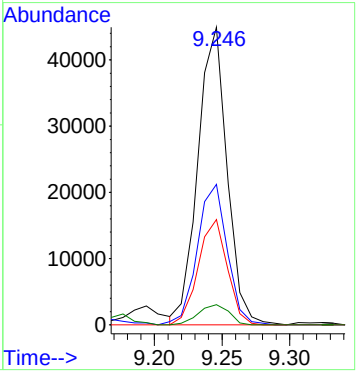


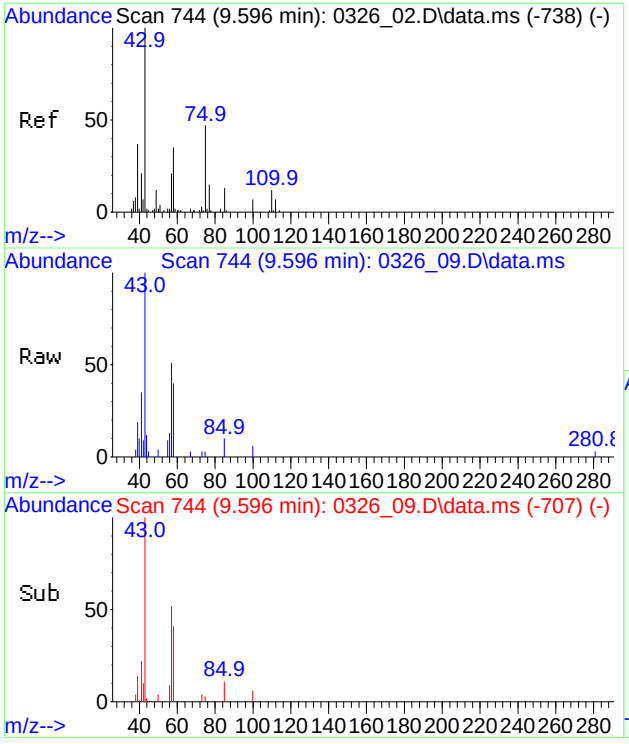


#43
Heptane
Conc: 8$ 1.194 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 43 Resp: 67378

Ion	Ratio	Lower	Upper
43	100		
57	48.3	42.4	63.6
71	35.2	29.4	44.0
100	7.1	6.5	9.7

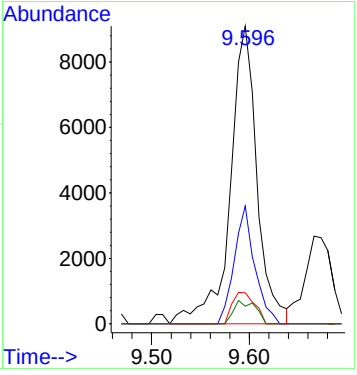


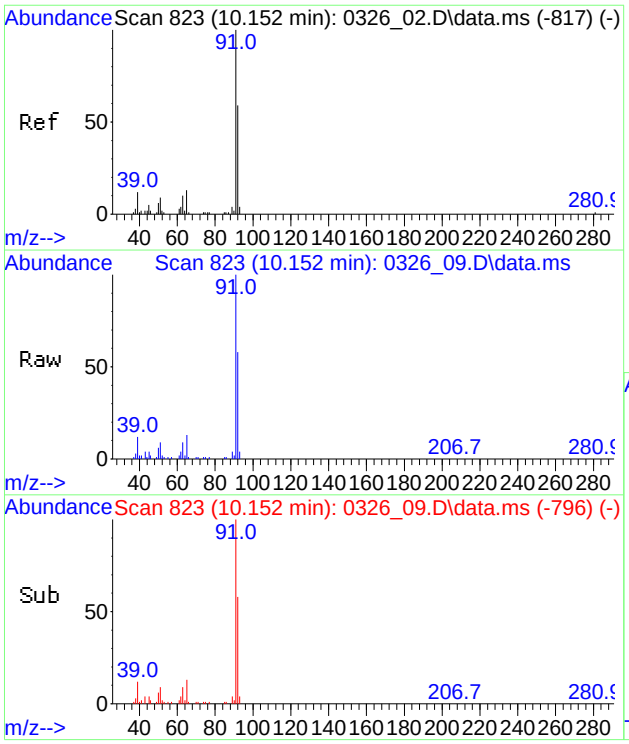


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.241 ppbv
RT: 9.596 min Scan# 744
Delta R.T. 0.007 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 43 Resp: 17423

Ion	Ratio	Lower	Upper
43	100		
58	30.0	29.1	43.7
85	8.9	10.6	15.8#
100	6.3	6.2	9.2

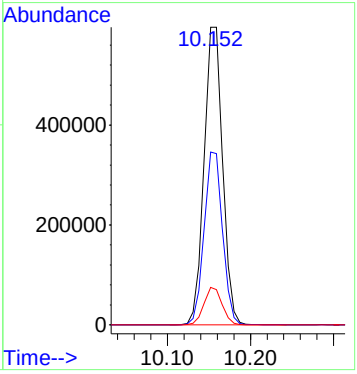


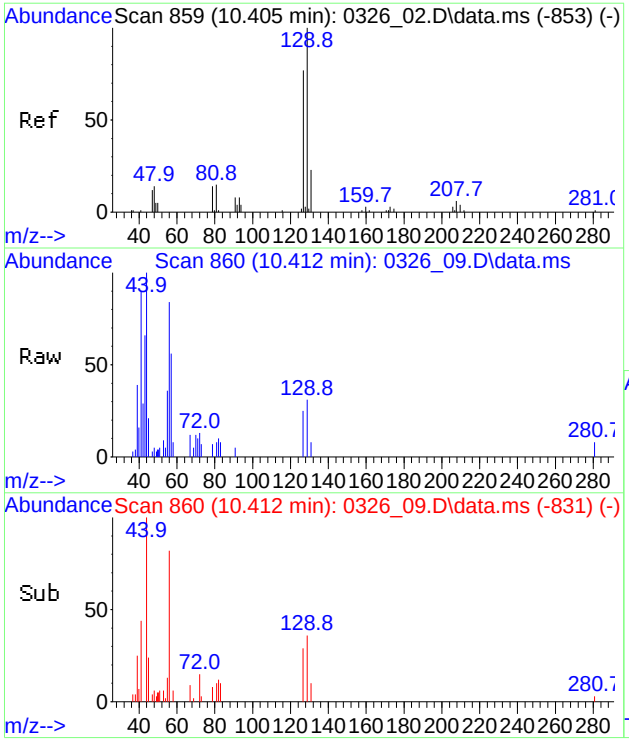


#48
Toluene
Conc: 8$ 10.412 ppbv
RT: 10.152 min Scan# 823
Delta R.T. -0.007 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 91 Resp: 922623

Ion	Ratio	Lower	Upper
91	100		
92	57.7	45.0	67.4
65	12.4	9.4	14.2

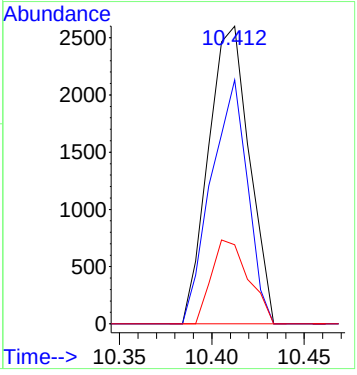


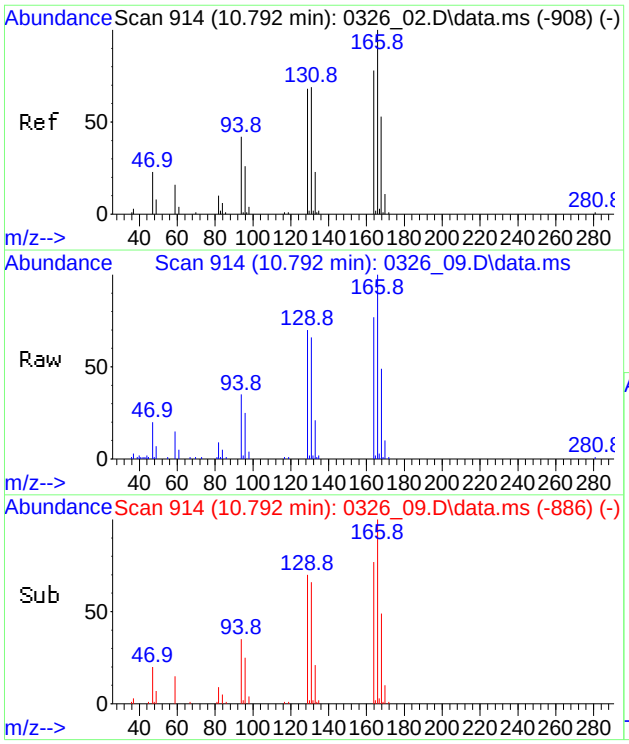


#49
Dibromochloromethane
Conc: 8$ Below Cal
RT: 10.412 min Scan# 860
Delta R.T. 0.007 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:129 Resp: 4016

Ion	Ratio	Lower	Upper
129	100		
127	73.2	60.6	91.0
131	25.6	20.0	30.0

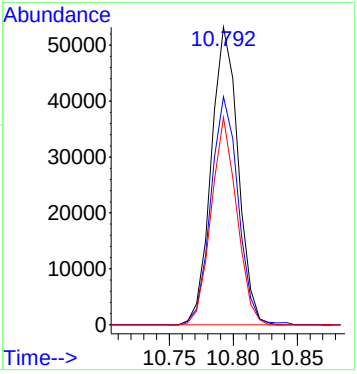


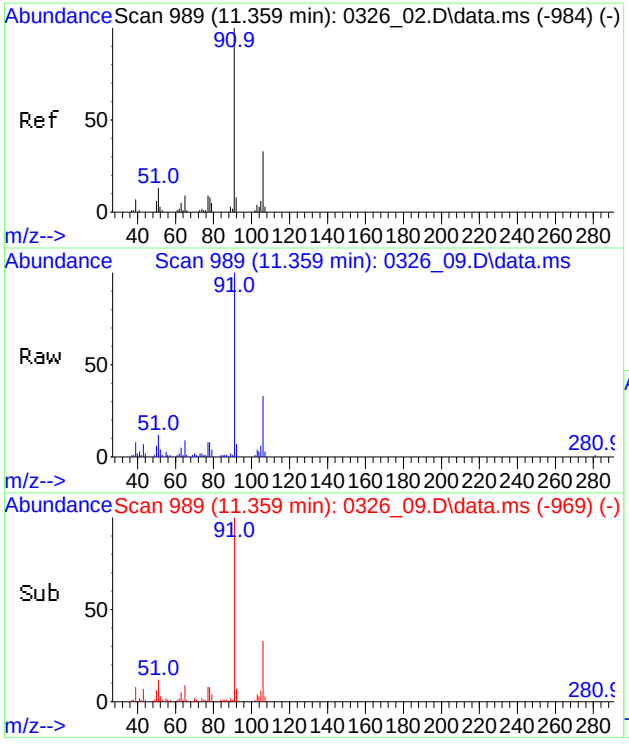


#52
Tetrachloroethene
Conc: 8$ 1.293 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:166 Resp: 77371

Ion	Ratio	Lower	Upper
166	100		
164	77.9	64.7	97.1
129	66.2	62.2	93.2

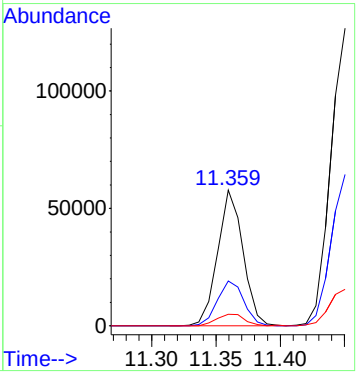


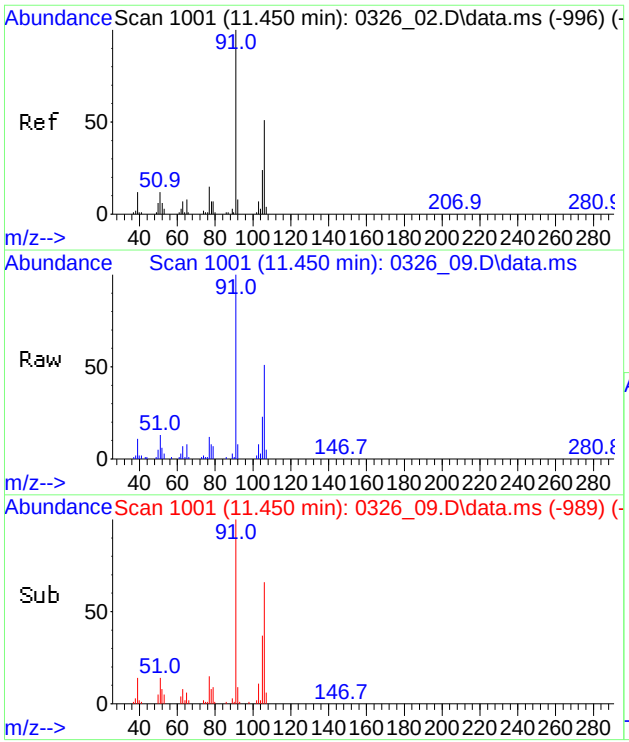


#56
Ethylbenzene
Conc: 8$ 0.760 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 91 Resp: 79628

Ion	Ratio	Lower	Upper
91	100		
106	34.6	13.5	53.5
77	9.7	0.0	28.3

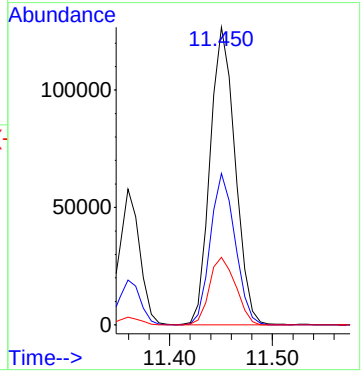


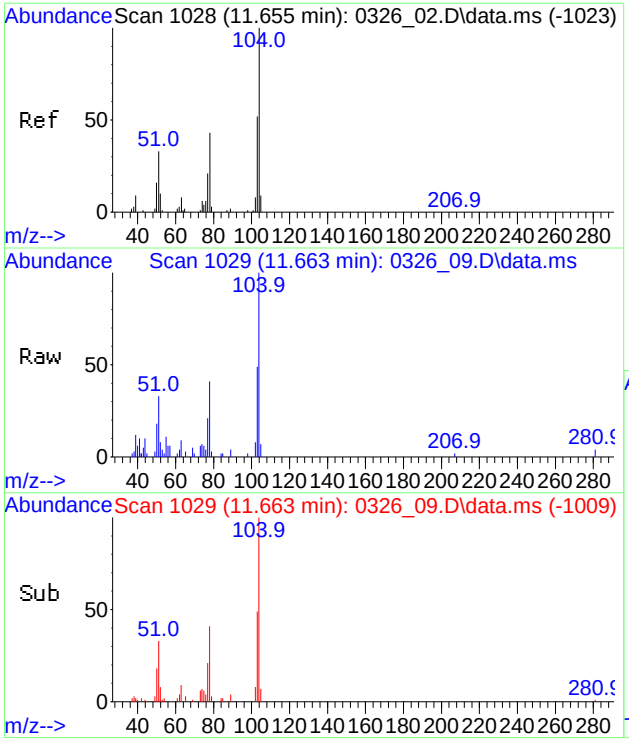


#57
m,p-Xylene
Conc: 8$ 2.700 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 91 Resp: 215326

Ion	Ratio	Lower	Upper
91	100		
106	50.2	41.1	61.7
105	23.6	19.5	29.3

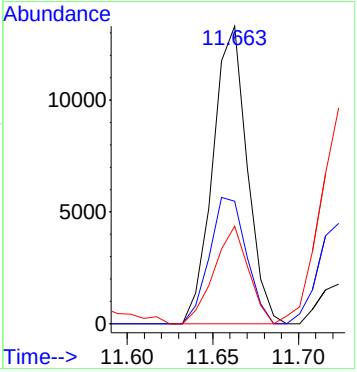


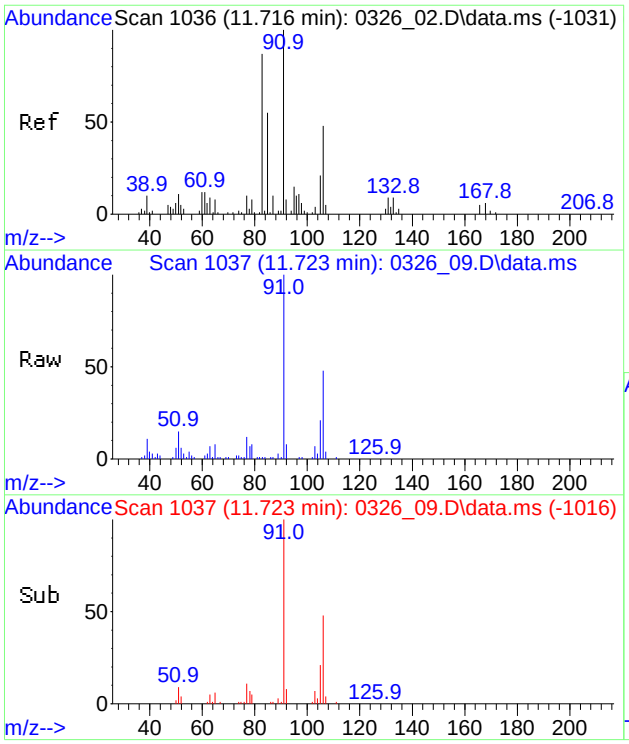


#59
Styrene
Conc: 8$ 0.316 ppbv
RT: 11.663 min Scan# 1029
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:104 Resp: 18598

Ion	Ratio	Lower	Upper
104	100		
78	45.8	32.3	48.5
51	32.8	23.4	35.0

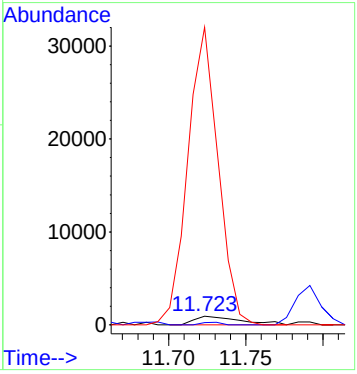


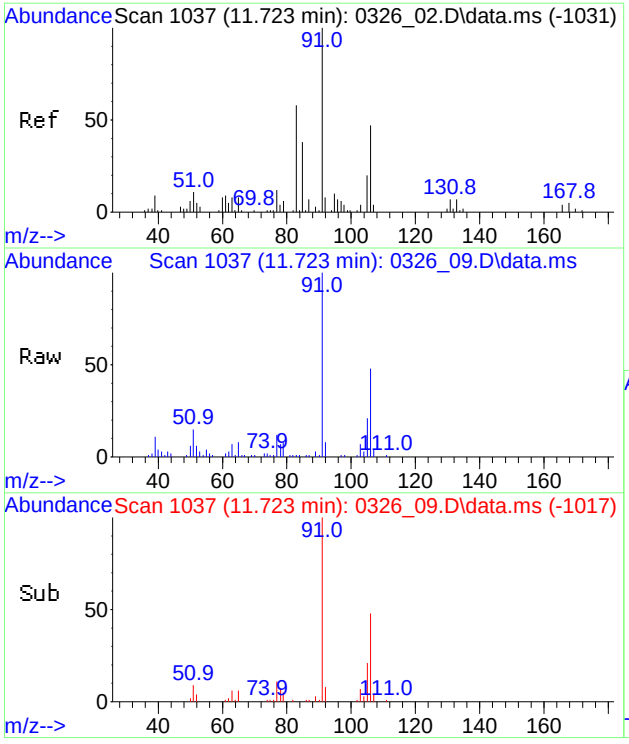


#60
1,1,2,2-Tetrachloroethane
Conc: 8$ Below Cal
RT: 11.723 min Scan# 1037
Delta R.T. 0.007 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 83 Resp: 1956

Ion	Ratio	Lower	Upper
83	100		
85	12.6	51.8	77.6#
106	2242.4	56.2	84.4#

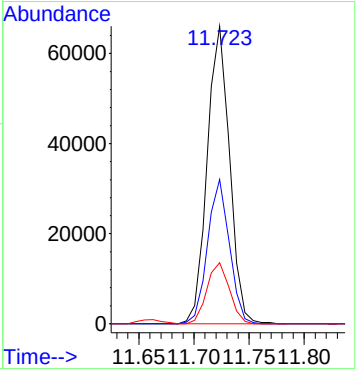


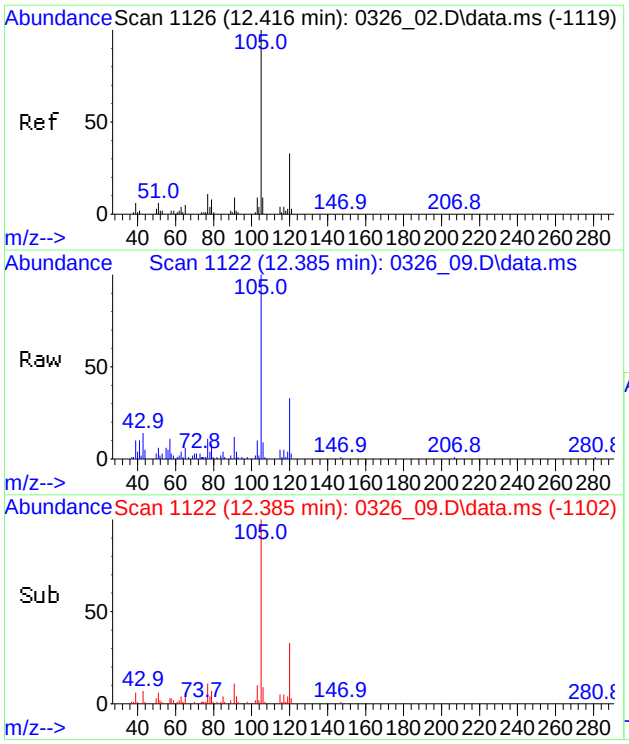


#61
o-Xylene
Conc: 8$ 1.101 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 91 Resp: 92687

Ion	Ratio	Lower	Upper
91	100		
106	47.3	39.6	59.4
105	20.7	16.7	25.1

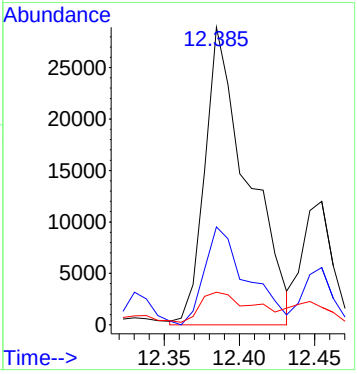


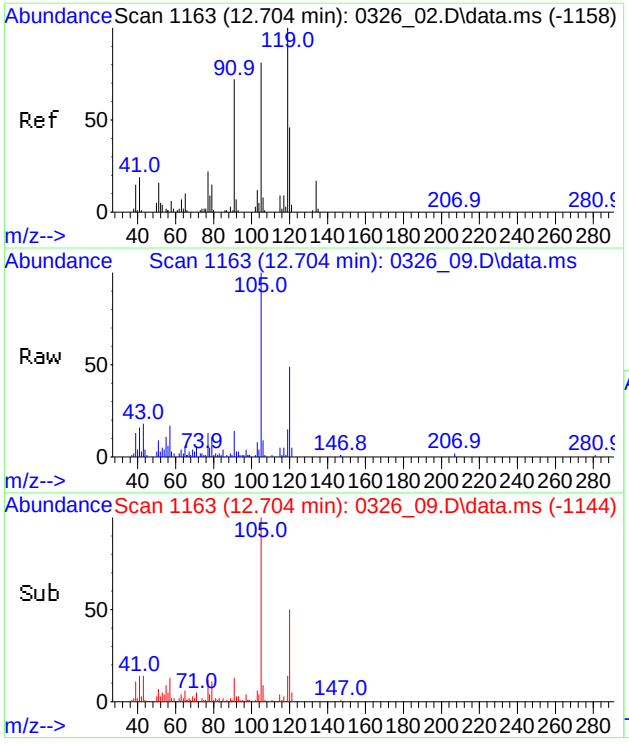


#65
4-Ethyltoluene
Conc: 8$ 0.503 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:105 Resp: 57390

Ion	Ratio	Lower	Upper
105	100		
120	32.9	23.4	35.2
77	11.9	8.2	12.4

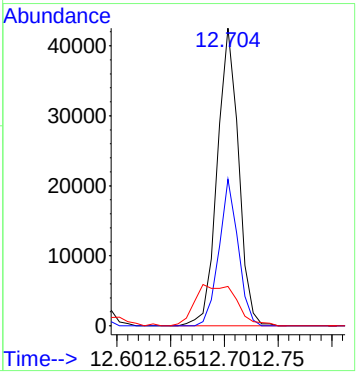


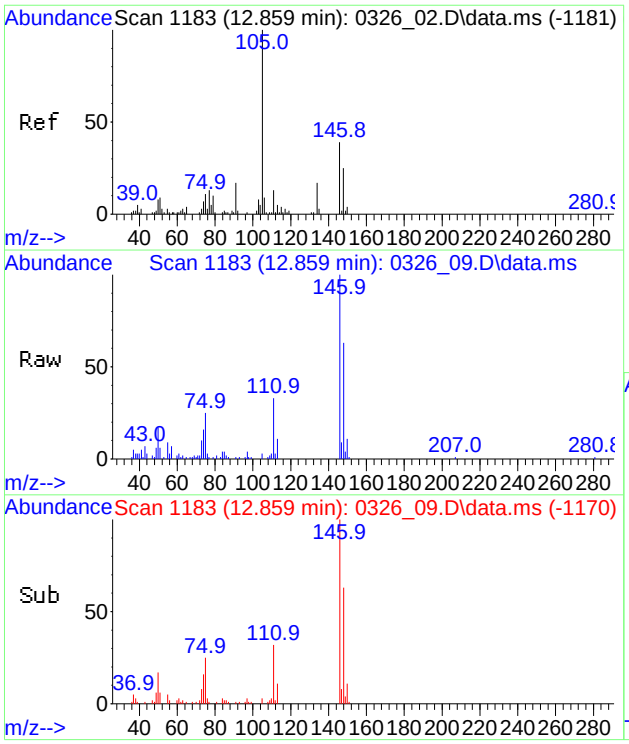


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.591 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:105 Resp: 58060

Ion	Ratio	Lower	Upper
105	100		
120	44.2	44.4	66.6#
77	27.1	18.2	27.4

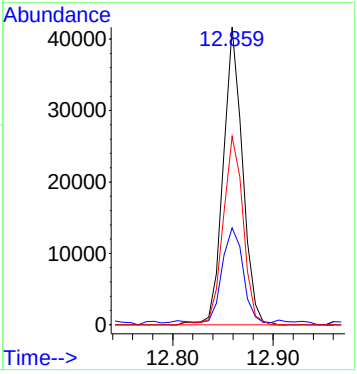


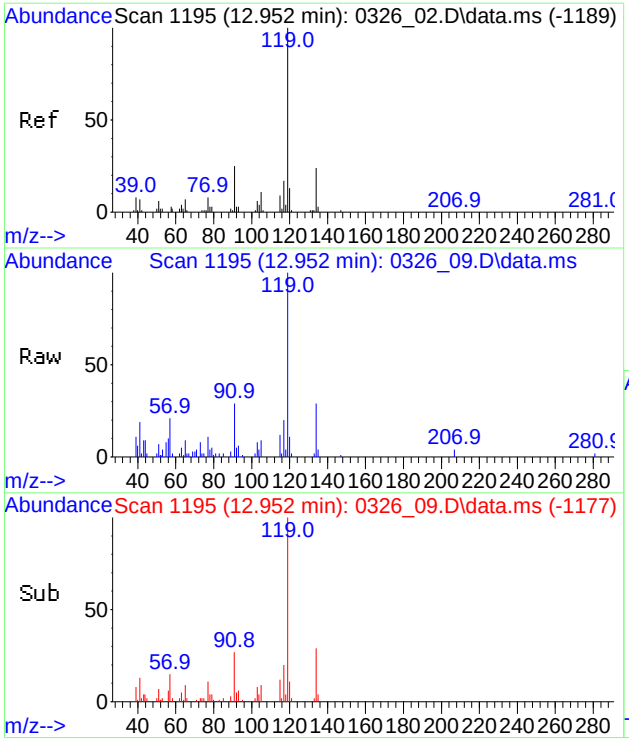


#70
1,4-Dichlorobenzene
Conc: 8$ 0.963 ppbv
RT: 12.859 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:146 Resp: 55900

Ion	Ratio	Lower	Upper
146	100		
111	33.9	29.7	44.5
148	66.1	51.3	76.9

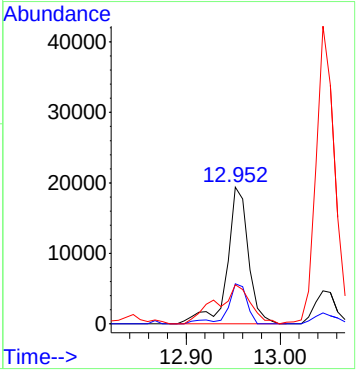


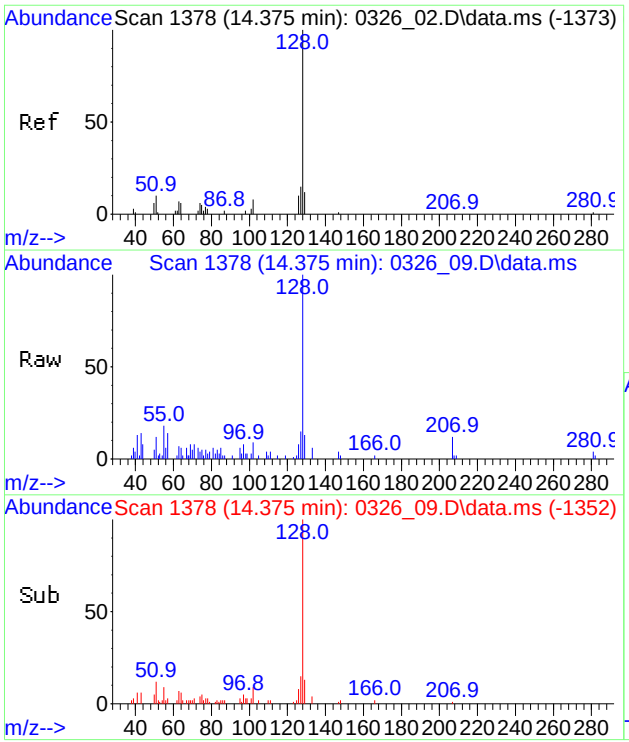


#72
4-Isopropyltoluene
Conc: 8$ 0.223 ppbv
RT: 12.952 min Scan# 1195
Delta R.T. -0.008 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:119 Resp: 30464

Ion	Ratio	Lower	Upper
119	100		
134	26.3	19.0	28.4
91	45.9	21.7	32.5#

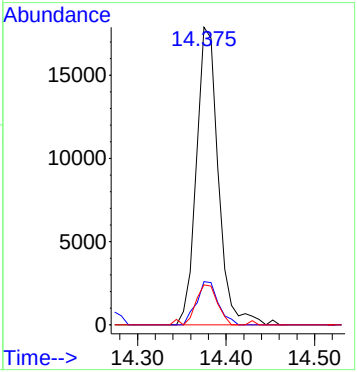


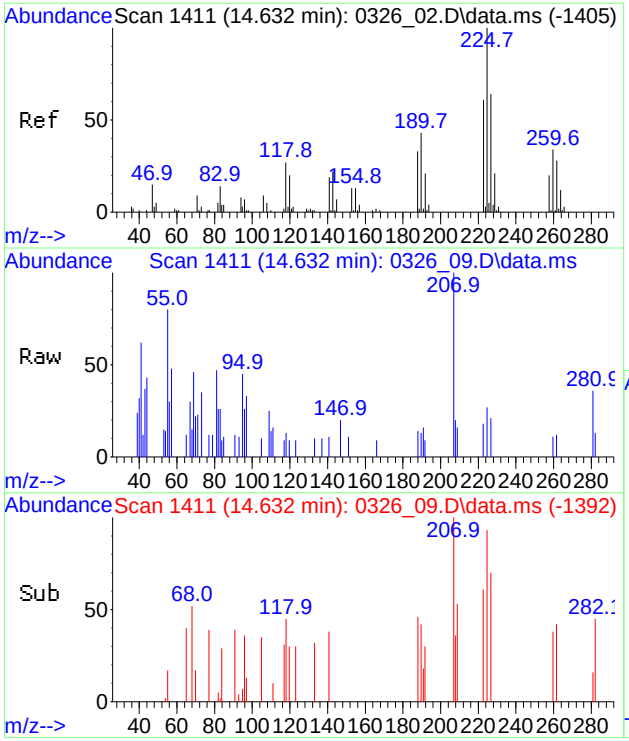


#76
Naphthalene
Conc: 8$ 0.412 ppbv
RT: 14.375 min Scan# 1378
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:128 Resp: 30825

Ion	Ratio	Lower	Upper
128	100		
127	14.4	11.9	11.9#
129	13.5	8.7	13.1#

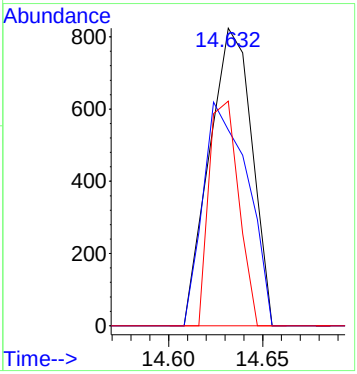


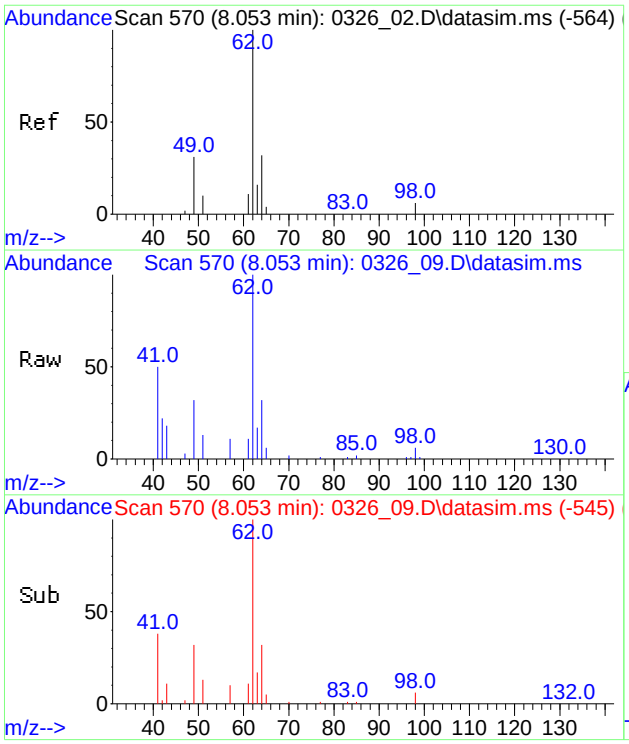


#77
Hexachlorobutadiene
Conc: 8$ Below Cal
RT: 14.632 min Scan# 1411
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:225 Resp: 1297

Ion	Ratio	Lower	Upper
225	100		
223	78.6	38.6	90.0
227	52.7	38.9	90.7

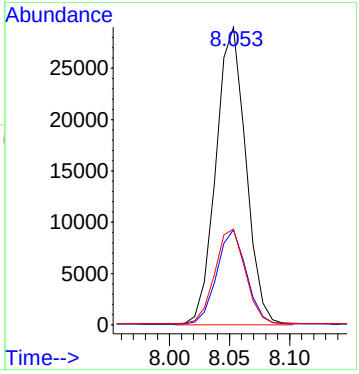


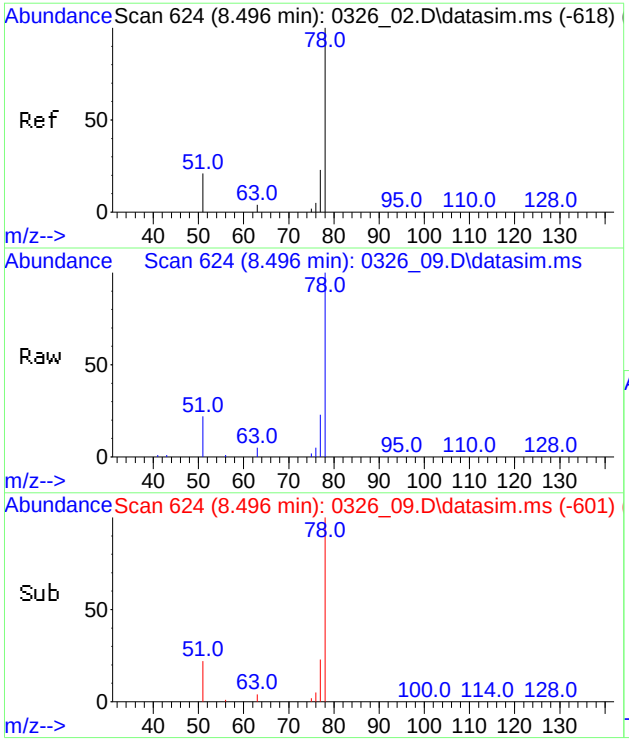


#83
1,2-Dichloroethane(sim)
Conc: 8$ 1.096 ppbv
RT: 8.050 min Scan# 570
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 62 Resp: 47328

Ion	Ratio	Lower	Upper
62	100		
64	31.6	23.9	35.9
49	32.0	26.3	39.5

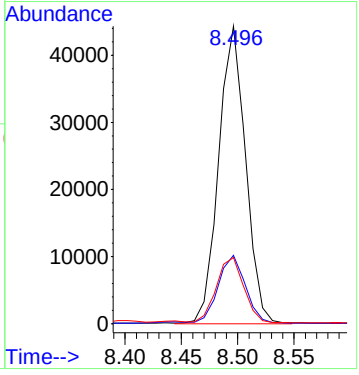


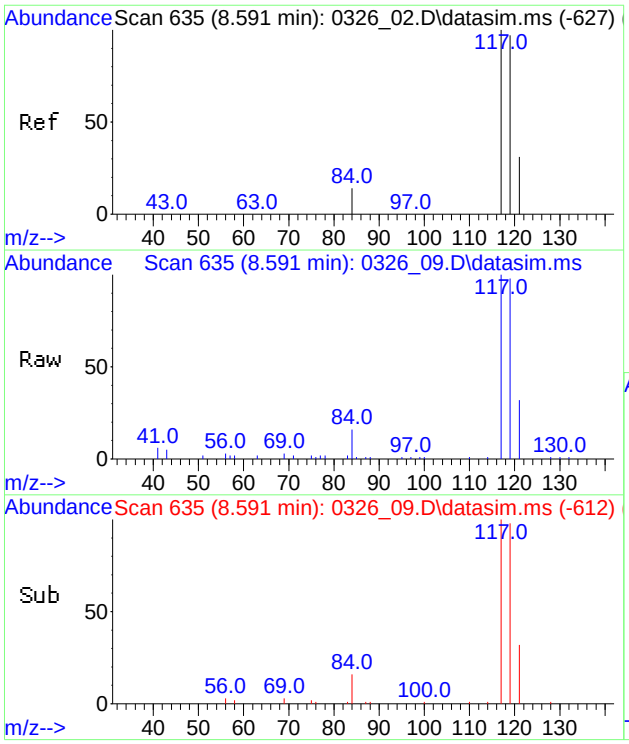


#85
Benzene(sim)
Conc: 8$ 0.877 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 78 Resp: 67850

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2
51	25.2	18.1	27.1

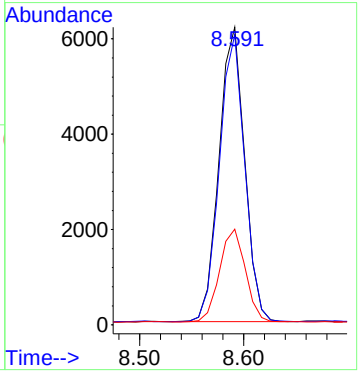


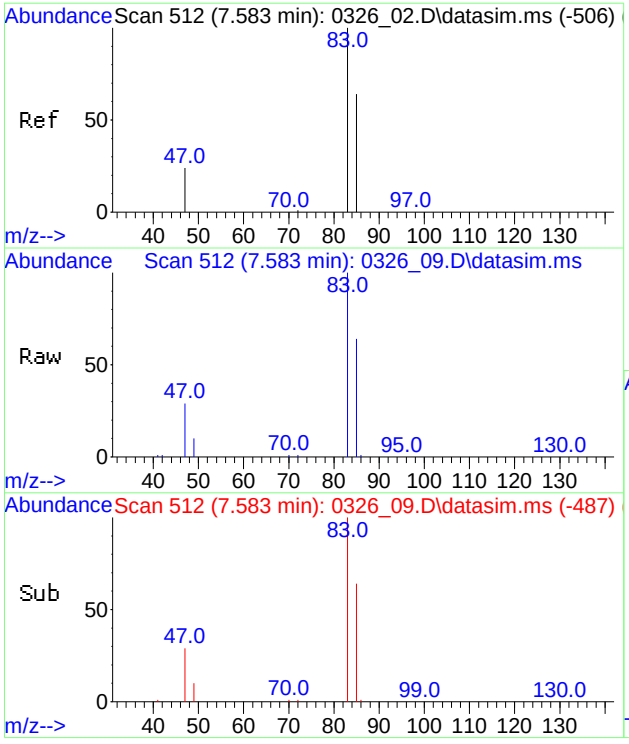


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.153 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:117 Resp: 10559

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.2
121	31.9	24.9	37.3

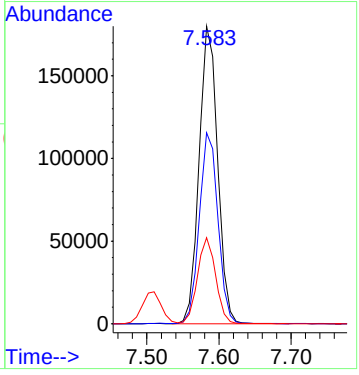


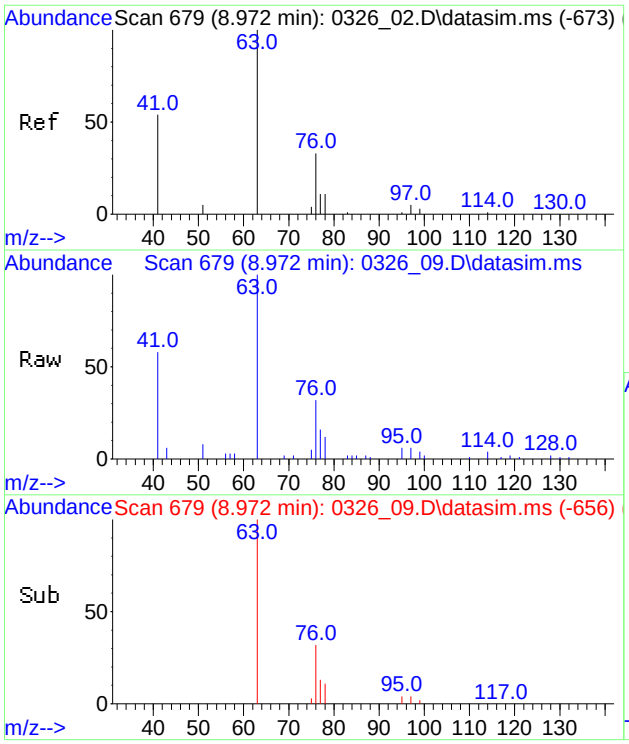


#92
Chloroform(sim)
Conc: 8$ 5.224 ppbv
RT: 7.583 min Scan# 512
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 83 Resp: 320226

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4
47	28.5	23.0	34.4

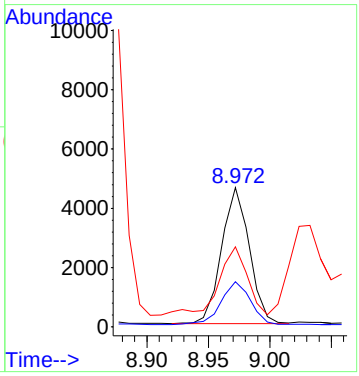


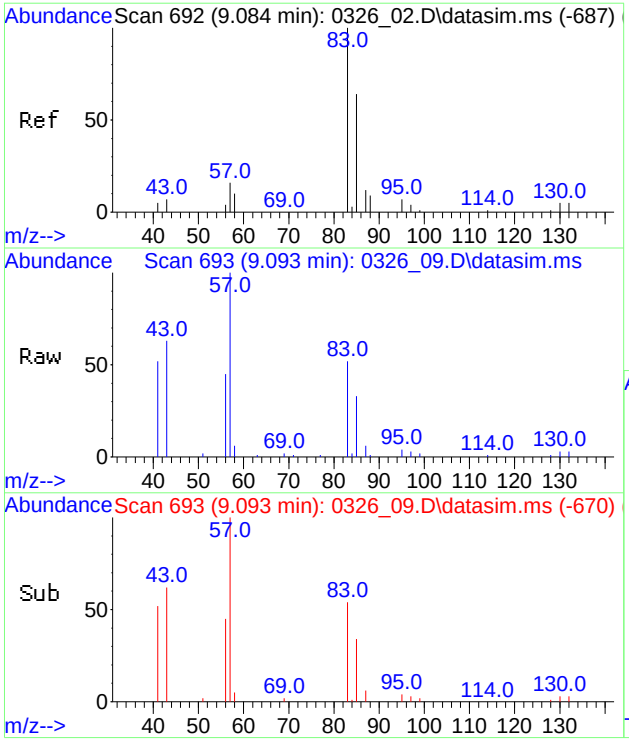


#94
1,2-dichloropropane(sim)
Conc: 8$ 0.192 ppbv
RT: 8.972 min Scan# 679
Delta R.T. -0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 63 Resp: 7232

Ion	Ratio	Lower	Upper
63	100		
76	34.0	22.6	33.8#
41	51.1	40.3	60.5

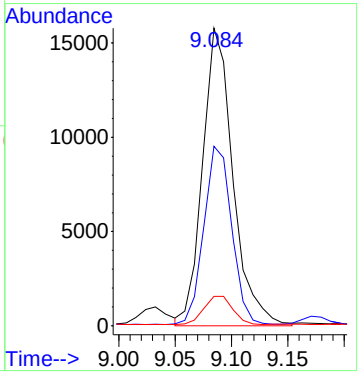


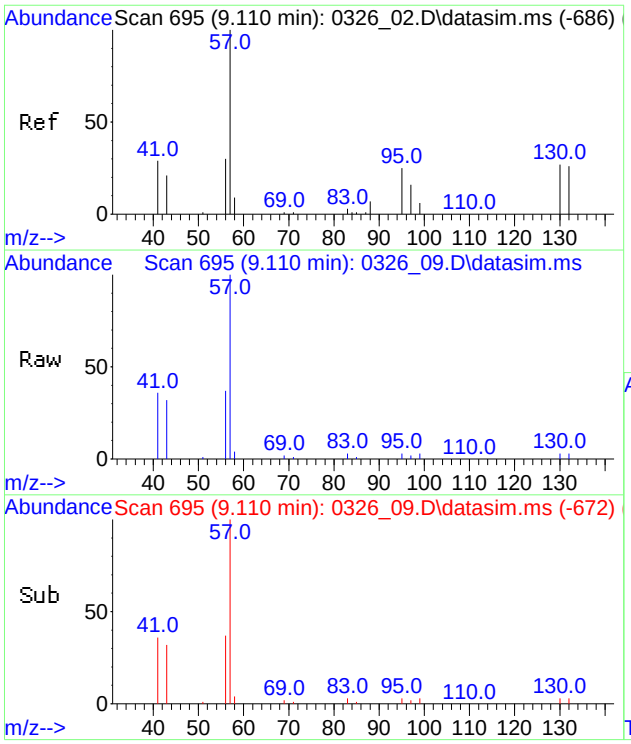


#95
Bromodichloromethane(sim)
Conc: 8$ 0.448 ppbv
RT: 9.090 min Scan# 693
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 83 Resp: 29058

Ion	Ratio	Lower	Upper
83	100		
85	54.3	44.0	84.0
87	8.8	0.0	33.1

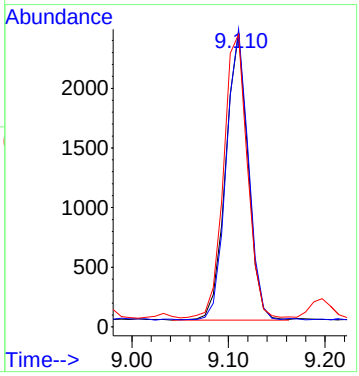


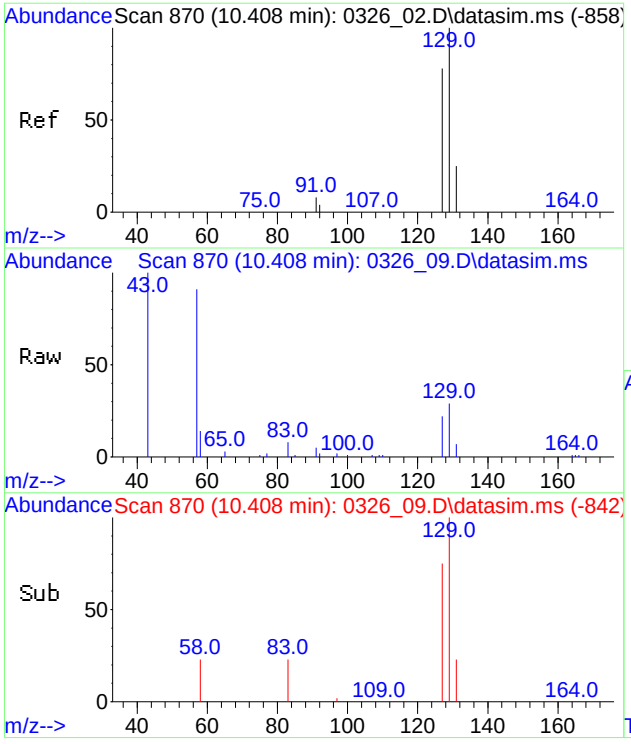


#96
Trichloroethene(sim)
Conc: 8$ 0.096 ppbv
RT: 9.110 min Scan# 695
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:130 Resp: 3868

Ion	Ratio	Lower	Upper
130	100		
132	99.8	77.5	116.3
95	104.3	73.8	110.6

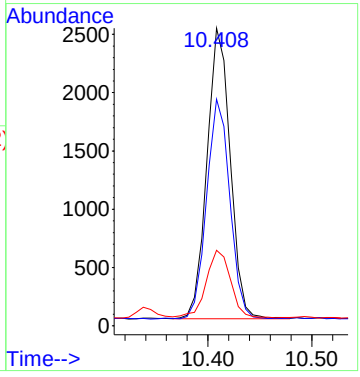


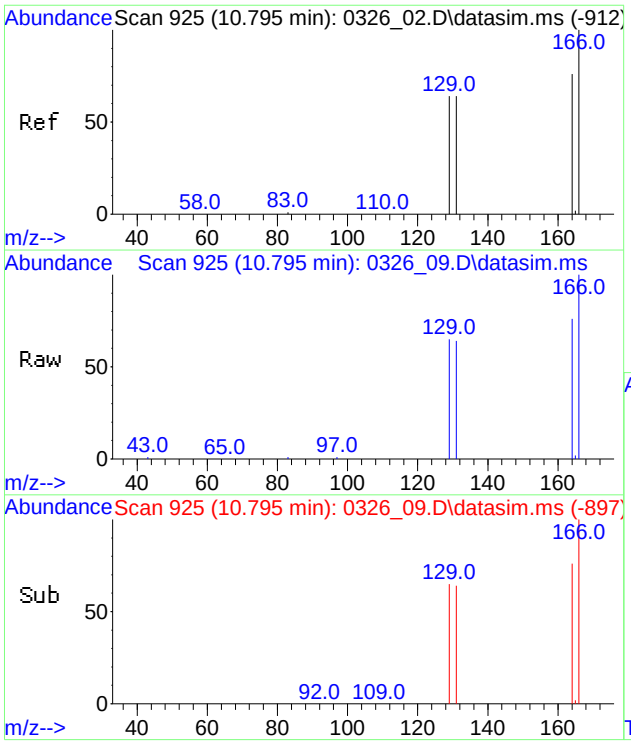


#100
Dibromochloromethane(sim)
Conc: 8$ 0.053 ppbv
RT: 10.408 min Scan# 870
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:129 Resp: 3860

Ion	Ratio	Lower	Upper
129	100		
127	76.1	56.4	96.4
131	24.7	4.4	44.4

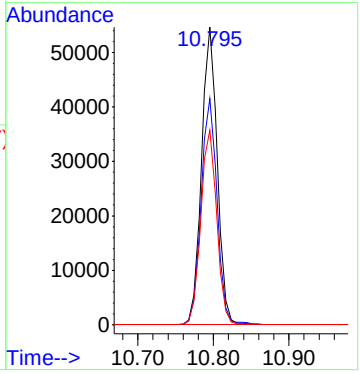


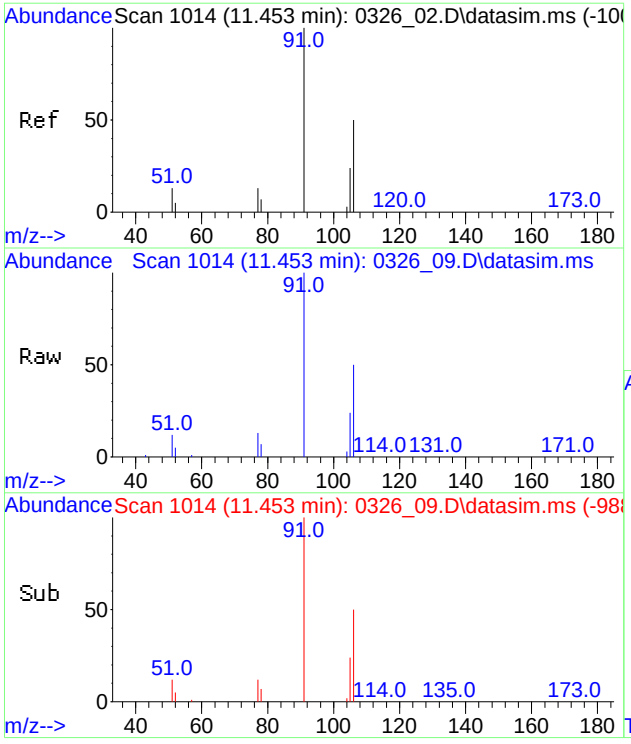


#102
Tetrachloroethene(sim)
Conc: 8$ 1.229 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:166 Resp: 78608

Ion	Ratio	Lower	Upper
166	100		
164	77.4	58.0	98.0
129	66.2	58.0	98.0

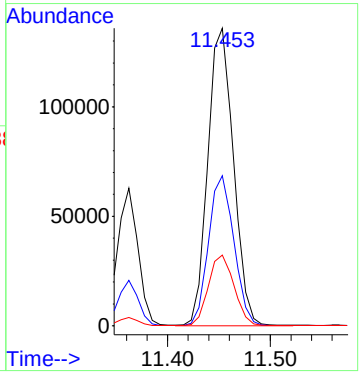


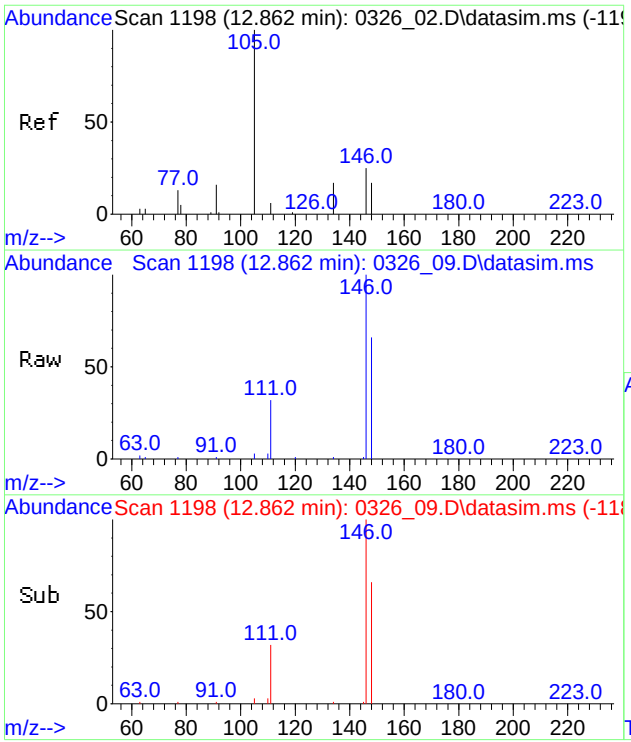


#105
m,p-Xylene(sim)
Conc: 8$ 2.616 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion: 91 Resp: 215326

Ion	Ratio	Lower	Upper
91	100		
106	50.2	46.3	56.5
105	23.7	19.5	29.3

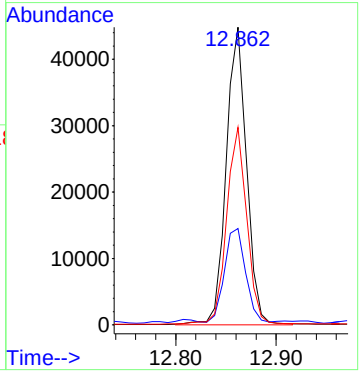


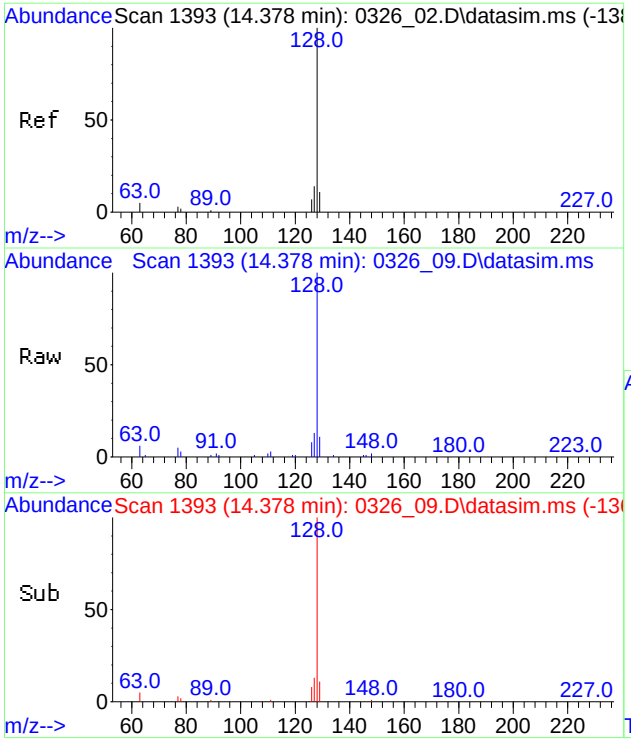


#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 1.201 ppbv
RT: 12.859 min Scan# 1198
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:146 Resp: 55702

Ion	Ratio	Lower	Upper
146	100		
111	34.0	17.1	57.1
148	66.1	44.1	84.1

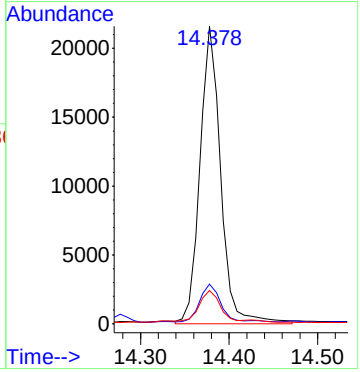




#115
Naphthalene(sim)
Conc: 8$ 0.905 ug/l
RT: 14.375 min Scan# 1393
Delta R.T. 0.000 min
Lab File: 0326_09.D
Acq: 26 Mar 2025 6:06 pm

Tgt Ion:128 Resp: 30825

Ion	Ratio	Lower	Upper
128	100		
127	14.4	0.0	0.0#
129	13.5	0.0	0.0#



CLIENT ID

AIR ANALYSIS DATA SHEET

CS90763 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 BL

Canister: BL Lab File ID: 0326_05.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.250	U	0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.250	U	0.250	0.250	r
74-87-3	Chloromethane	0.250	U	0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	0.375	U	0.375	0.375	r
67-64-1	Acetone	0.375	U	0.375	0.375	r
67-63-0	Isopropylalcohol	0.375	U	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	1.50	U	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.225	U	0.225	0.225	r
110-54-3	Hexane	0.225	U	0.225	0.225	r
141-78-6	Ethyl acetate	0.250	U	0.250	0.250	r
109-99-9	Tetrahydrofuran	0.250	U	0.250	0.250	r
110-82-7	Cyclohexane	0.250	U	0.250	0.250	r
540-84-1	2,2,4-trimethylpentane	0.100	U	0.100	0.100	r
142-82-5	Heptane	0.250	U	0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.250	U	0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	0.250	U	0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.250	U	0.250	0.250	r
100-42-5	Styrene	0.100	U	0.100	0.100	r
95-47-6	o-Xylene	0.250	U	0.250	0.250	r
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	0.250	U	0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.050	U	0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	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

CS90763 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 BL

Canister: BL Lab File ID: 0326_05.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.250	U	0.250	0.250	r
107-06-2	1,2-Dichloroethane(sim)	0.010	U	0.010	0.010	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
71-43-2	Benzene(sim)	0.100	U	0.100	0.100	r
56-23-5	Carbon Tetrachloride(sim)	0.043	U	0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
67-66-3	Chloroform(sim)	0.100	U	0.100	0.100	r
78-87-5	1,2-dichloropropane(sim)	0.010	U	0.010	0.010	r
75-27-4	Bromodichloromethane(sim)	0.010	U	0.010	0.010	r
79-01-6	Trichloroethene(sim)	0.025	U	0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.010	U	0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
127-18-4	Tetrachloroethene(sim)	0.050	U	0.050	0.050	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
179601-23-1	m,p-Xylene(sim)	0.500	U	0.500	0.500	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
106-46-7	1,4-Dichlorobenzene(sim)	0.040	U	0.040	0.040	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
99-87-6	4-Isopropyltoluene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 3:35 pm
Operator : Keith
Client ID : CS90763 BLANK
Lab ID : CS90763 BLANK
ALS Vial : 6 Sample Multiplier: 1

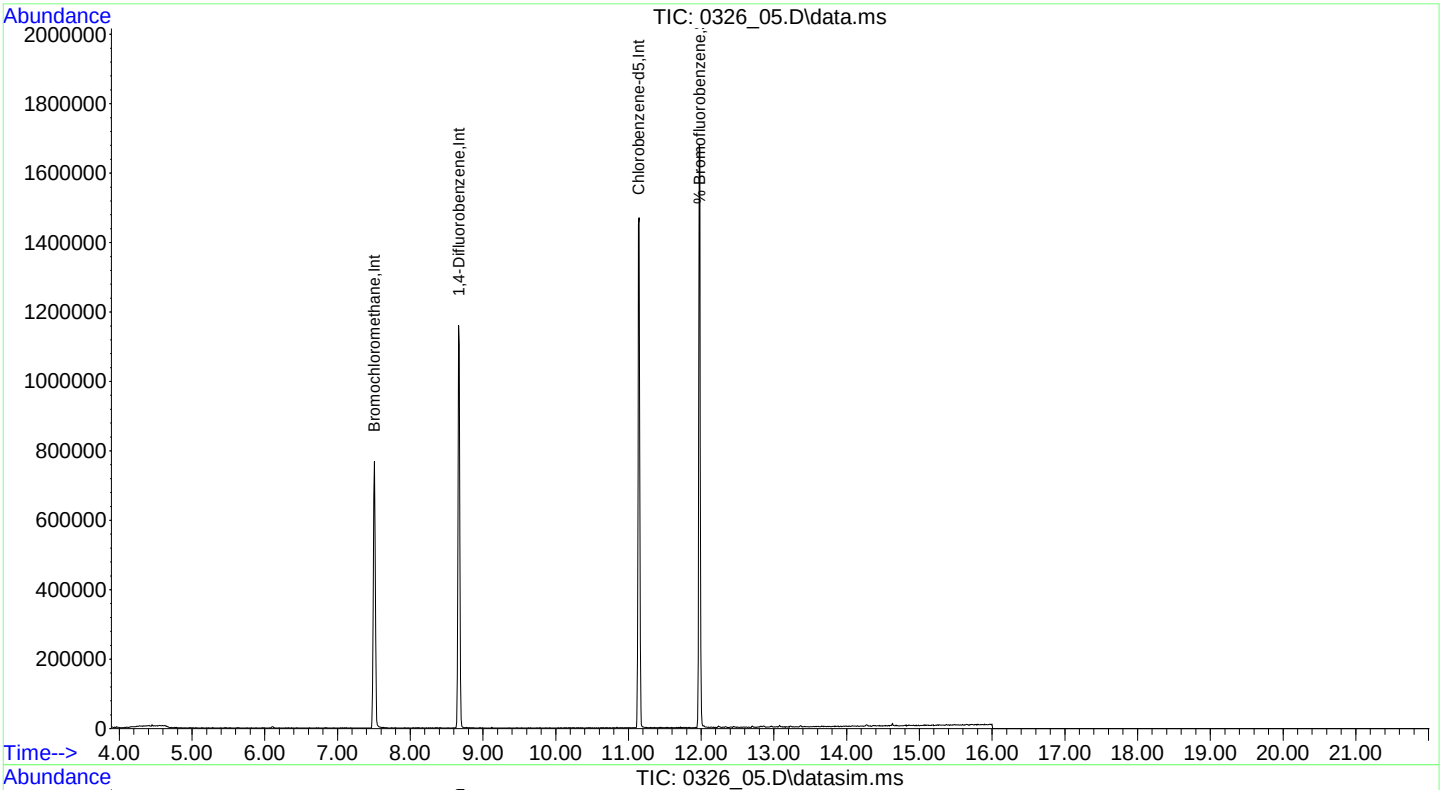
Quant Time: Mar 26 21:38:53 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

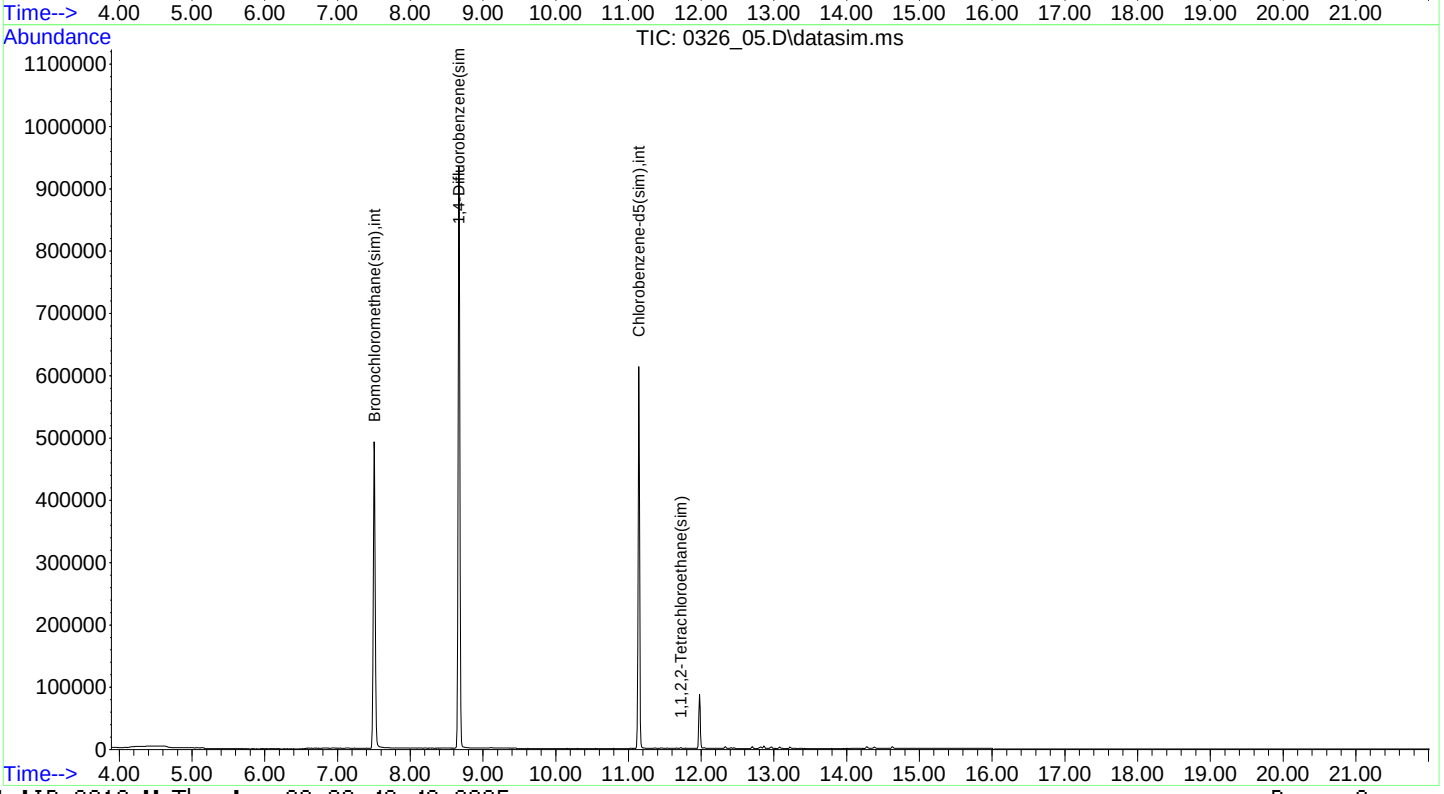
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	246277	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.666	114	829429	10.000	ng		0.00
53) Chlorobenzene-d5	11.139	82	386814	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	247709	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.666	114	829429	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.139	82	386814	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.974	95	441489	9.532	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.30%				
Target Compounds							Qvalue

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

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_05.D
Acq On : 26 Mar 2025 3:35 pm
Operator : Keith
Client ID : CS90763 BLANK
Lab ID : CS90763 BLANK
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 26 21:38:53 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS90763 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 DUP 0.5X

Canister: 49203 Lab File ID: 0326_10.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

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	3.83		0.250	0.250	r
75-71-8	Dichlorodifluoromethane	0.466		0.250	0.250	r
74-87-3	Chloromethane	0.670		0.250	0.250	r
106-99-0	1,3-Butadiene	0.250	U	0.250	0.250	r
75-00-3	Chloroethane	0.250	U	0.250	0.250	r
64-17-5	Ethanol	162	S	0.375	0.375	r
67-64-1	Acetone	14.5	S	0.375	0.375	r
75-69-4	Trichlorofluoromethane	0.250	U	0.250	0.250	r
67-63-0	Isopropylalcohol	31.2	S	0.375	0.375	r
107-13-1	Acrylonitrile	0.250	U	0.250	0.250	r
75-09-2	Methylene Chloride	8.44	S	1.50	1.50	r
75-15-0	Carbon Disulfide	0.250	U	0.250	0.250	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.250	U	0.250	0.250	r
78-93-3	Methyl Ethyl Ketone	0.750		0.225	0.225	r
110-54-3	Hexane	0.791	S	0.225	0.225	r
67-66-3	Chloroform	2.95		0.100	0.100	r
141-78-6	Ethyl acetate	0.994		0.250	0.250	r
109-99-9	Tetrahydrofuran	0.323		0.250	0.250	r
107-06-2	1,2-Dichloroethane	0.594		0.010	0.010	r
71-43-2	Benzene	0.481		0.100	0.100	r
110-82-7	Cyclohexane	0.381		0.250	0.250	r
78-87-5	1,2-dichloropropane	0.105		0.010	0.010	r
75-27-4	Bromodichloromethane	0.256		0.010	0.010	r
540-84-1	2,2,4-trimethylpentane	0.562		0.100	0.100	r
142-82-5	Heptane	0.636		0.250	0.250	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.250	U	0.250	0.250	r
10061-02-6	trans-1,3-Dichloropropene	0.250	U	0.250	0.250	r
108-88-3	Toluene	5.59		0.250	0.250	r
591-78-6	2-Hexanone(MBK)	0.250	U	0.250	0.250	r
127-18-4	Tetrachloroethene	0.712		0.050	0.050	r
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.250	0.250	r
108-90-7	Chlorobenzene	0.100	U	0.100	0.100	r
100-41-4	Ethylbenzene	0.430		0.250	0.250	r
179601-23-1	m,p-Xylene	1.50		0.500	0.500	r
100-42-5	Styrene	0.186		0.100	0.100	r
95-47-6	o-Xylene	0.612		0.250	0.250	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

CS90763 DUP 0.5X

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS90763 DUP 0.5X

Canister: 49203 Lab File ID: 0326_10.D

Instrument: CHEM24 Column: RTX-1 Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/26/25

Matrix: AIR Dilution Factor: 0.5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
98-82-8	Isopropylbenzene	0.250	U	0.250	0.250	r
622-96-8	4-Ethyltoluene	0.271		0.250	0.250	r
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.250	0.250	r
95-63-6	1,2,4-Trimethylbenzene	0.330		0.250	0.250	r
106-46-7	1,4-Dichlorobenzene	0.549		0.040	0.040	r
99-87-6	4-Isopropyltoluene	0.250	U	0.250	0.250	r
91-20-3	Naphthalene	0.234		0.055	0.050	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.250	U	0.250	0.250	r
75-01-4	Vinyl Chloride(sim)	0.050	U	0.050	0.050	r
74-83-9	Bromomethane(sim)	0.070	U	0.070	0.070	r
71-55-6	1,1,1-Trichloroethane(sim)	0.250	U	0.250	0.250	r
56-23-5	Carbon Tetrachloride(sim)	0.082		0.043	0.043	r
75-35-4	1,1-Dichloroethene(sim)	0.100	U	0.100	0.100	r
76-13-1	Trichlorotrifluoroethane(sim)	0.250	U	0.250	0.250	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
75-34-3	1,1-Dichloroethane(sim)	0.075	U	0.075	0.075	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.100	U	0.100	0.100	r
79-01-6	Trichloroethene(sim)	0.054		0.025	0.025	r
123-91-1	1,4-Dioxane(sim)	0.065	U	0.065	0.065	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.050	U	0.050	0.050	r
79-00-5	1,1,2-Trichloroethane(sim)	0.010	U	0.010	0.010	r
124-48-1	Dibromochloromethane(sim)	0.029		0.010	0.010	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.005	U	0.005	0.005	r
75-25-2	Bromoform(sim)	0.075	U	0.075	0.075	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.005	U	0.005	0.005	r
100-44-7	Benzyl chloride(sim)	0.250	U	0.250	0.250	r
541-73-1	1,3-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
135-98-8	sec-Butylbenzene(sim)	0.250	U	0.250	0.250	r
95-50-1	1,2-Dichlorobenzene(sim)	0.050	U	0.050	0.050	r
104-51-8	n-Butylbenzene(sim)	0.250	U	0.250	0.250	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.027	U	0.027	0.027	r
87-68-3	Hexachlorobutadiene(sim)	0.005	U	0.005	0.005	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:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_10.D
Acq On : 26 Mar 2025 6:51 pm
Operator : Keith
Client ID : CS90763 DUP 0.5X
Lab ID : CS90763 DUP 0.5X
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 21:41:37 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	211461	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	717066	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	326291	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	211786	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	717066	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	326291	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	434749	11.128	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.30%				
Target Compounds							Qvalue
2) Propylene	4.079	41	182629	7.658	ppbv#		78
3) Dichlorodifluoromethane	4.145	85	63290	0.931	ppbv		97
4) Chloromethane	4.294	50	40958	1.339	ppbv		100
11) Ethanol	5.082	45	4365399	324.982	ppbv#		95
12) Acetone	5.437	43	1256582	28.901	ppbv		90
13) Trichlorofluoromethane	5.578	101	32303	0.464	ppbv		98
14) Isopropylalcohol	5.621	45	3347185	62.315	ppbv		96
17) Methylene Chloride	6.106	49	649768	16.886	ppbv		96
21) Trichlorotrifluoroethane	6.284	101	7285	0.143	ppbv		95
25) Methyl Ethyl Ketone	7.102	43	85767	1.500	ppbv		98
27) Hexane	7.523	57	63156	1.581	ppbv		93
28) Chloroform	7.588	83	304970	5.896	ppbv		99
29) Ethyl acetate	7.499	61	18361	1.988	ppbv		91
30) Tetrahydrofuran	7.840	42	17685	0.645	ppbv		99
31) 1,2-Dichloroethane	8.050	62	45424	1.187	ppbv		96
33) Benzene	8.493	78	66190	0.962	ppbv		98
34) Carbon Tetrachloride	8.588	117	11063	0.176	ppbv		99
35) Cyclohexane	8.666	84	20271	0.762	ppbv		93
38) Bromodichloromethane	9.090	83	28424	0.512	ppbv		92
39) Trichloroethene	9.107	130	3623	0.106	ppbv#		83
43) Heptane	9.246	43	65277	1.272	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.596	43	16748	0.254	ppbv#		89
48) Toluene	10.159	91	900261	11.172	ppbv		98
52) Tetrachloroethene	10.792	166	77415	1.423	ppbv		92
56) Ethylbenzene	11.359	91	80745	0.859	ppbv		99
57) m,p-Xylene	11.450	91	214307	2.996	ppbv		99
59) Styrene	11.663	104	19573	0.370	ppbv		95
61) o-Xylene	11.723	91	92376	1.224	ppbv		97
65) 4-Ethyltoluene	12.385	105	55301	0.541	ppbv#		93
67) 1,2,4-Trimethylbenzene	12.704	105	58190	0.660	ppbv		88
70) 1,4-Dichlorobenzene	12.859	146	57105	1.098	ppbv		95
72) 4-Isopropyltoluene	12.952	119	30984	0.253	ppbv#		79
76) Naphthalene	14.375	128	31298	0.467	ppbv#		96
83] 1,2-Dichloroethane(sim)	8.050	62	45424	1.132	ppbv		96
85] Benzene(sim)	8.493	78	66190	0.921	ppbv		98
86] Carbon Tetrachloride(sim)	8.591	117	10513	0.164	ppbv		100
92] Chloroform(sim)	7.583	83	316000	5.549	ppbv		100
94] 1,2-dichloropropane(sim)	8.972	63	7136	0.208	ppbv#		95
95] Bromodichloromethane(sim)	9.090	83	28424	0.482	ppbv		92
96] Trichloroethene(sim)	9.110	130	3960	0.108	ppbv		97
100] Dibromochloromethane(sim)	10.408	129	3735	0.057	ppbv		96
102] Tetrachloroethene(sim)	10.795	166	78345	1.347	ppbv		92

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_10.D
Acq On : 26 Mar 2025 6:51 pm
Operator : Keith
Client ID : CS90763 DUP 0.5X
Lab ID : CS90763 DUP 0.5X
ALS Vial : 9 Sample Multiplier: 1

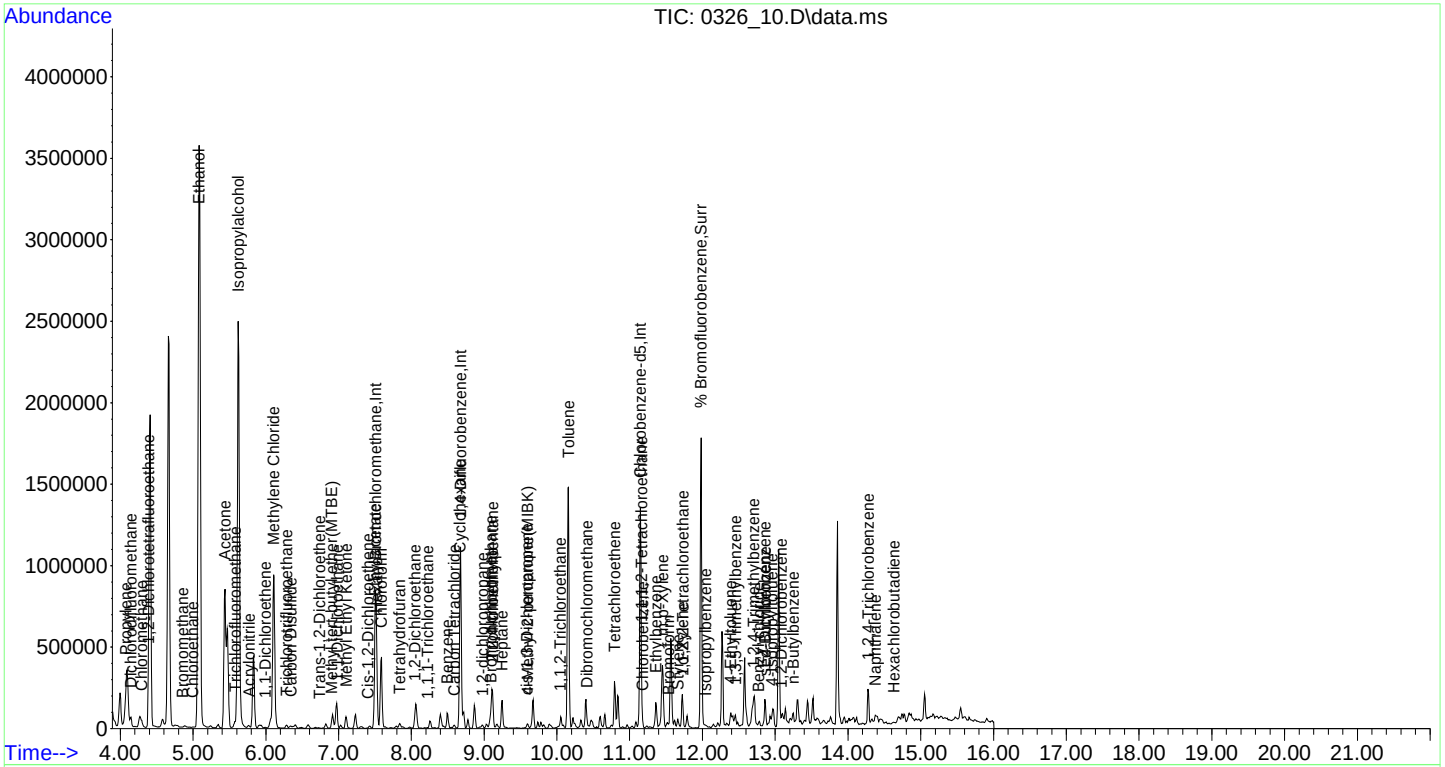
Quant Time: Mar 26 21:41:37 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration

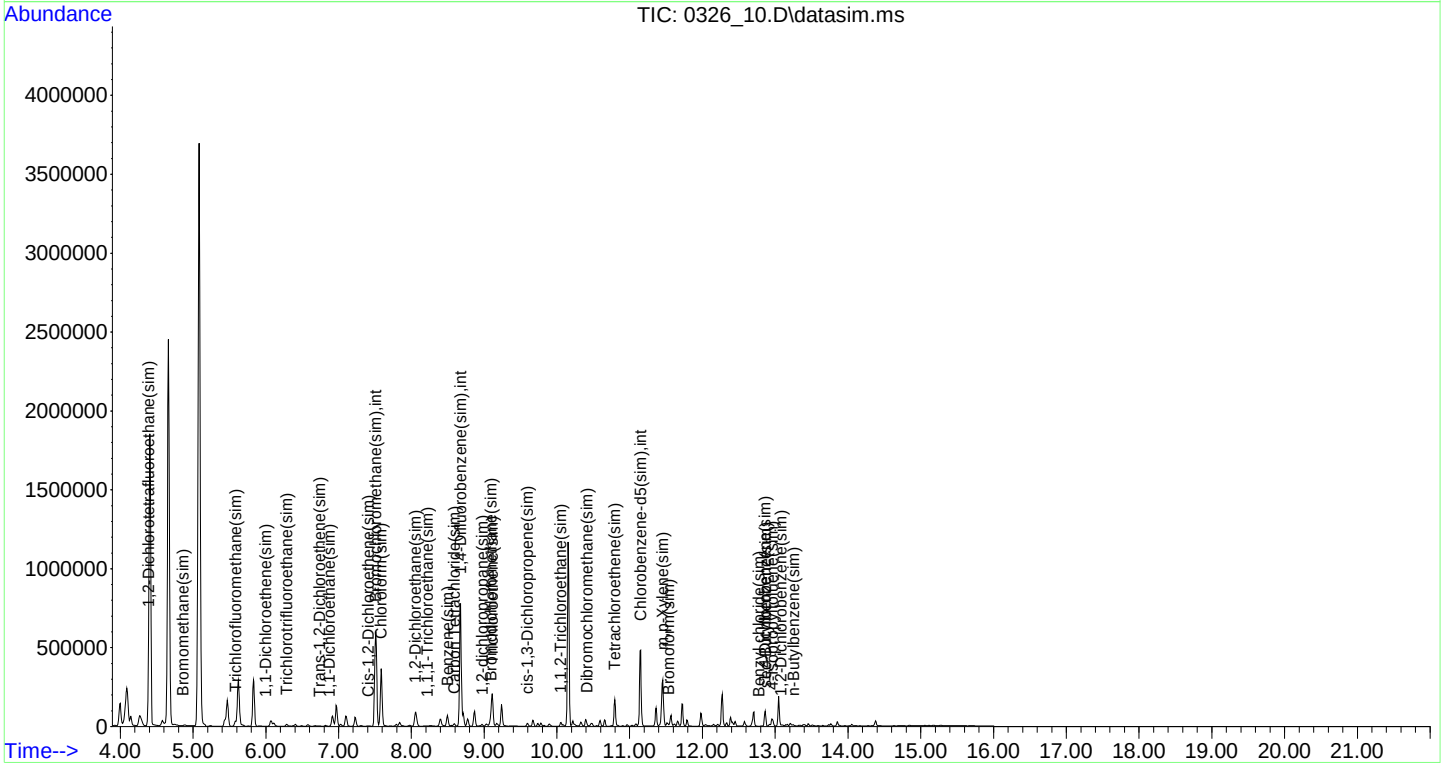
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105] m,p-Xylene(sim)	11.450	91	214307	2.907	ppbv	99
109] 1,4-Dichlorobenzene(sim)	12.859	146	57105	1.375	ppbv	95

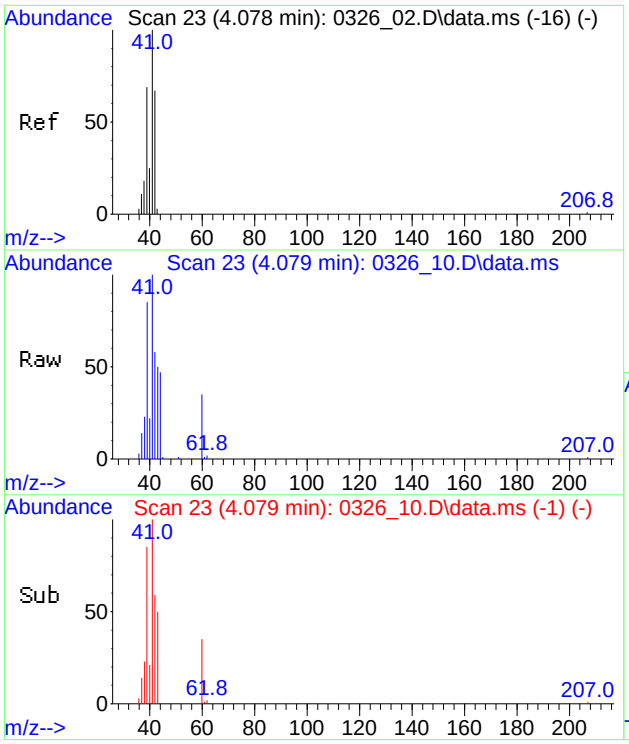
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM24\03MAR\26\
Data File : 0326_10.D
Acq On : 26 Mar 2025 6:51 pm
Operator : Keith
Client ID : CS90763 DUP 0.5X
Lab ID : CS90763 DUP 0.5X
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 21:41:37 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0319.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 20 07:17:30 2025
Response via : Initial Calibration



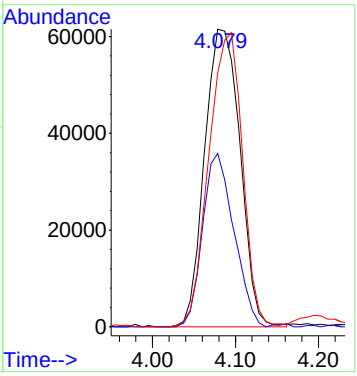


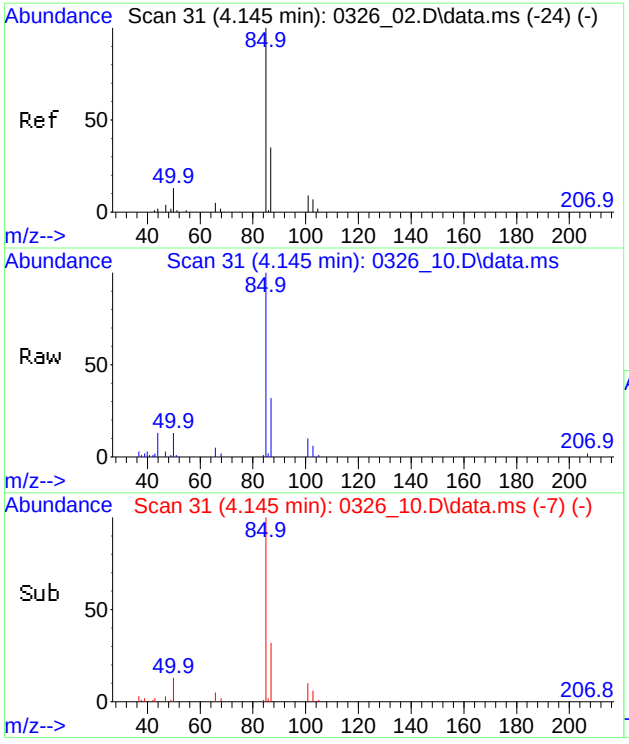


#2
Propylene
Conc: 8$ 7.658 ppbv
RT: 4.079 min Scan# 23
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 41 Resp: 182629

Ion	Ratio	Lower	Upper
41	100		
42	51.4	51.9	77.9#
39	94.2	57.8	86.8#

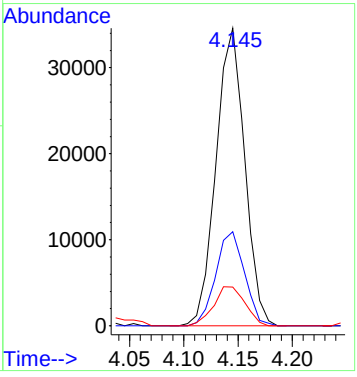


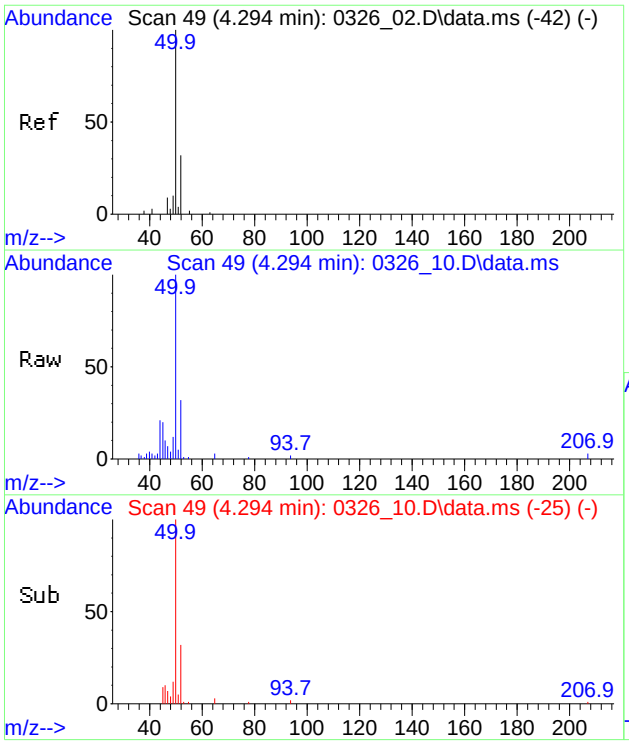


#3
Dichlorodifluoromethane
Conc: 8$ 0.931 ppbv
RT: 4.145 min Scan# 31
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 85 Resp: 63290

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.9	40.3
50	14.4	12.0	18.0

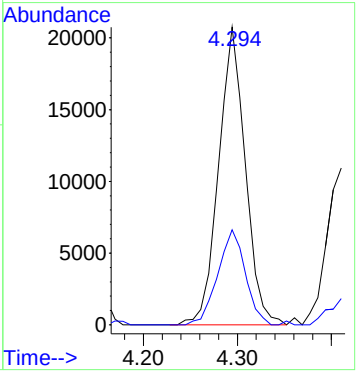


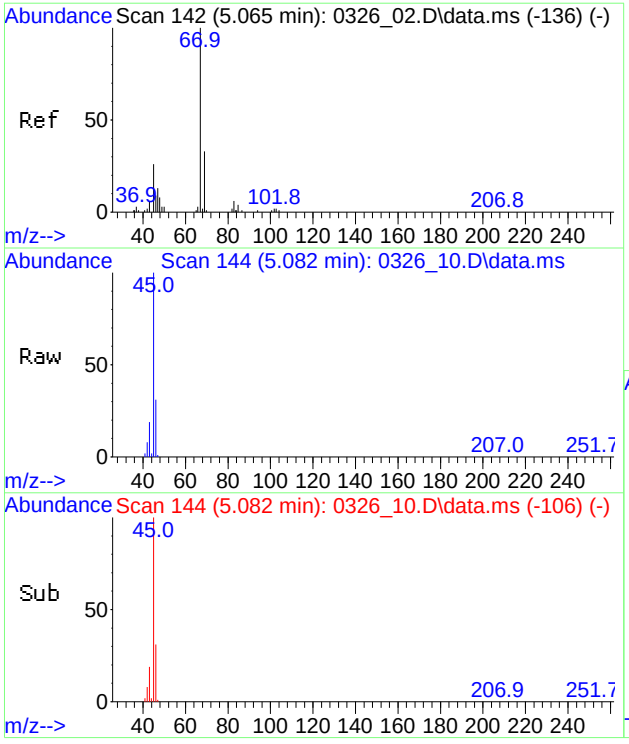


#4
Chloromethane
Conc: 8$ 1.339 ppbv
RT: 4.294 min Scan# 49
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 50 Resp: 40958

Ion	Ratio	Lower	Upper
50	100		
52	33.0	12.8	52.8

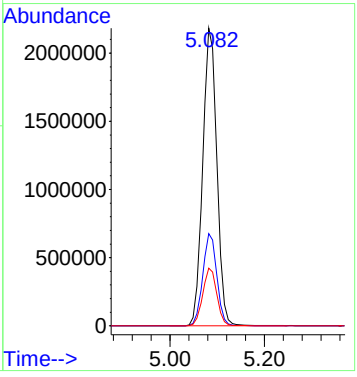


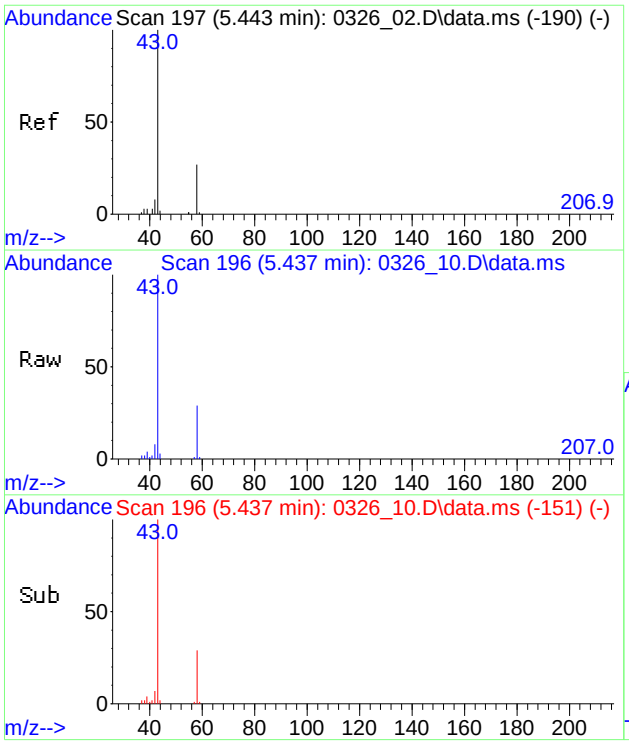


#11
Ethanol
Conc: 8$ 324.982 ppbv
RT: 5.082 min Scan# 144
Delta R.T. 0.017 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 45 Resp: 4365399

Ion	Ratio	Lower	Upper
45	100		
46	31.0	25.0	37.6
43	19.7	20.0	30.0#

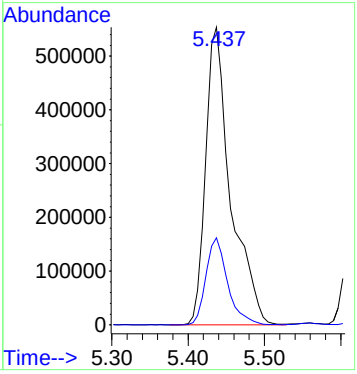


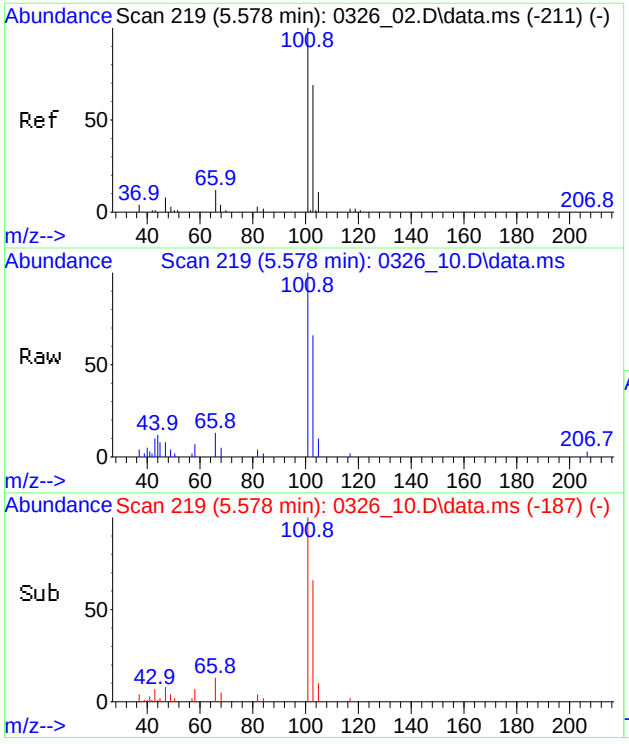


#12
Acetone
Conc: 8$ 28.901 ppbv
RT: 5.437 min Scan# 196
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 43 Resp: 1256582

Ion	Ratio	Lower	Upper
43	100		
58	25.5	24.6	37.0

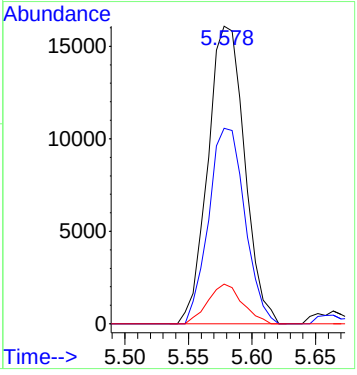


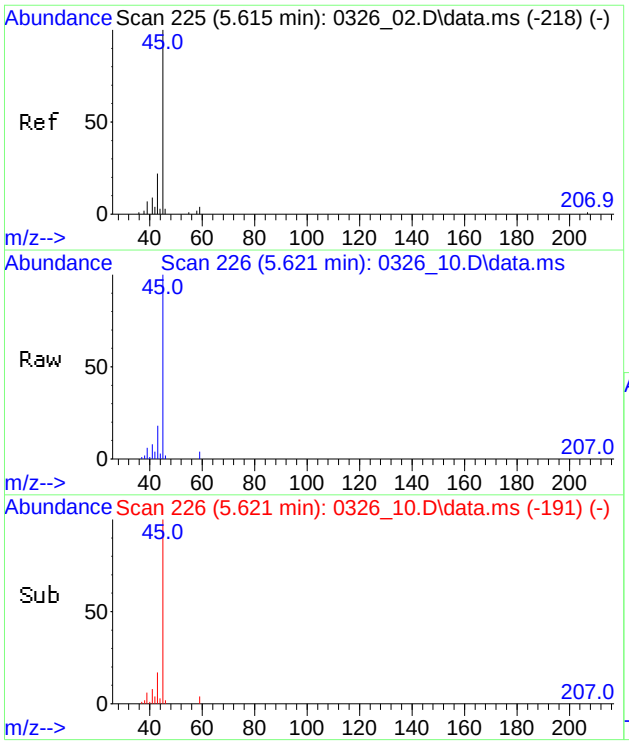


#13
Trichlorofluoromethane
Conc: 8$ 0.464 ppbv
RT: 5.578 min Scan# 219
Delta R.T. -0.006 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:101 Resp: 32303

Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.4	80.2
66	12.6	9.3	13.9

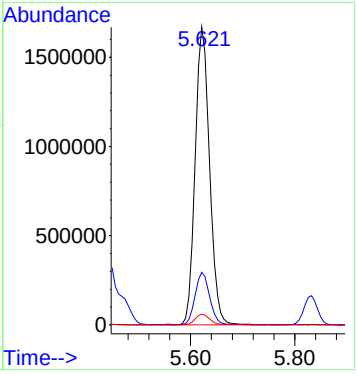


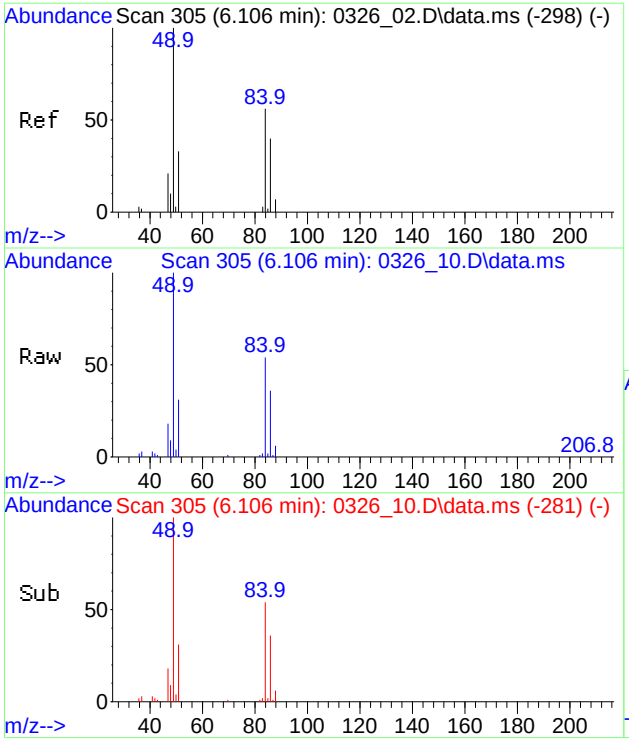


#14
Isopropylalcohol
Conc: 8$ 62.315 ppbv
RT: 5.621 min Scan# 226
Delta R.T. 0.012 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 45 Resp: 3347185

Ion	Ratio	Lower	Upper
45	100		
43	18.5	13.3	19.9
59	3.4	2.6	4.0

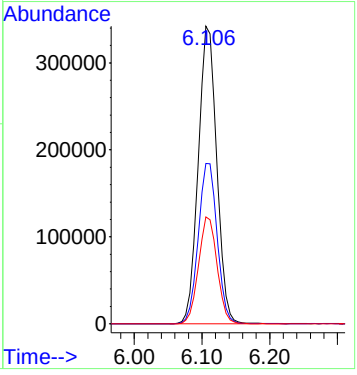


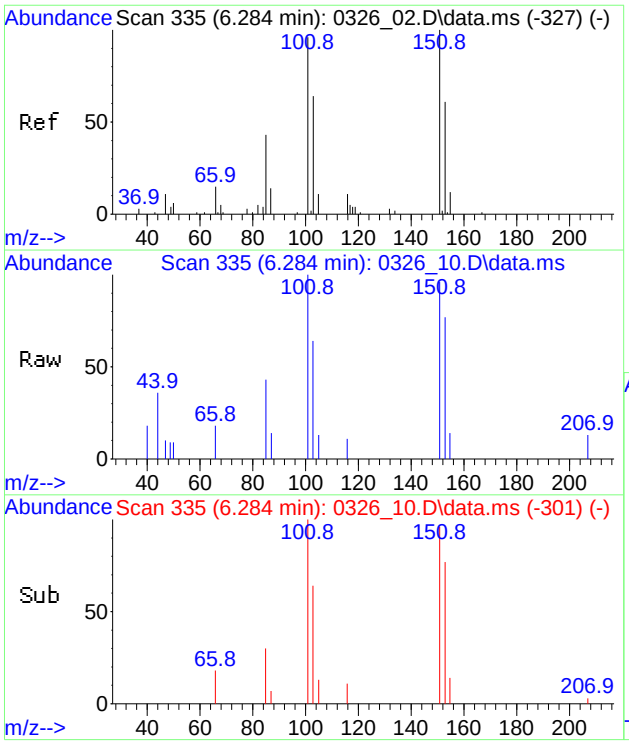


#17
Methylene Chloride
Conc: 8$ 16.886 ppbv
RT: 6.106 min Scan# 305
Delta R.T. -0.006 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 49 Resp: 649768

Ion	Ratio	Lower	Upper
49	100		
84	54.9	46.1	69.1
86	36.0	30.9	46.3

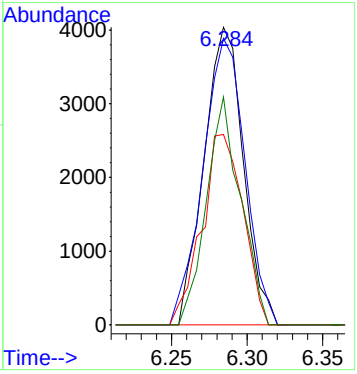


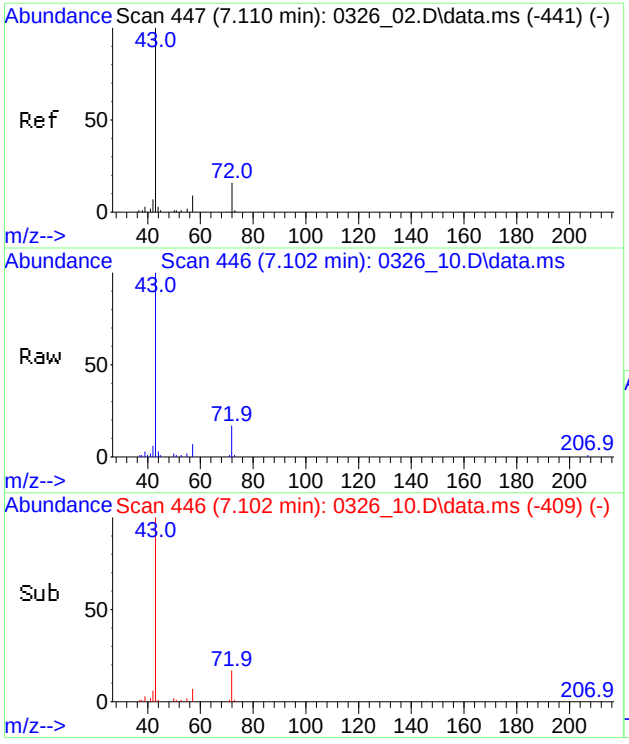


#21
Trichlorotrifluoroethane
Conc: 8$ Below Cal
RT: 6.284 min Scan# 335
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:101 Resp: 7285

Ion	Ratio	Lower	Upper
101	100		
151	103.2	78.2	117.2
103	67.2	53.1	79.7
153	66.8	49.2	73.8

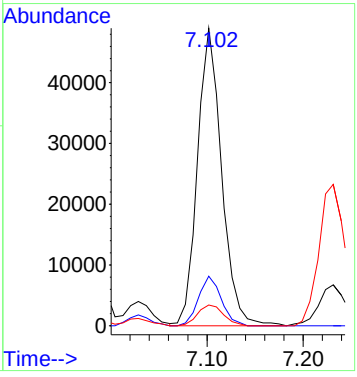


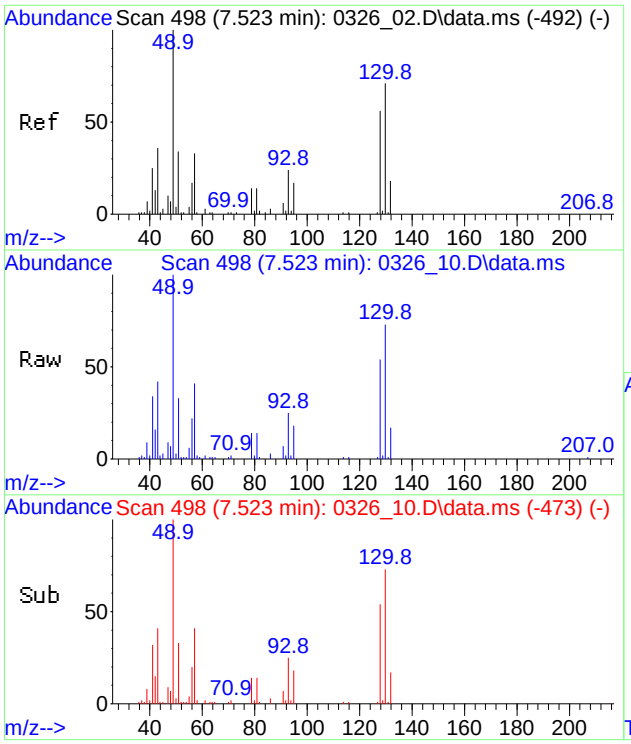


#25
Methyl Ethyl Ketone
Conc: 8$ 1.500 ppbv
RT: 7.102 min Scan# 446
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 43 Resp: 85767

Ion	Ratio	Lower	Upper
43	100		
72	15.7	13.1	19.7
57	7.5	6.6	9.8

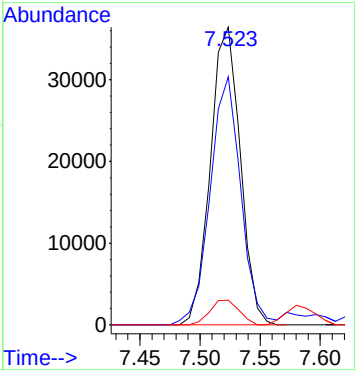


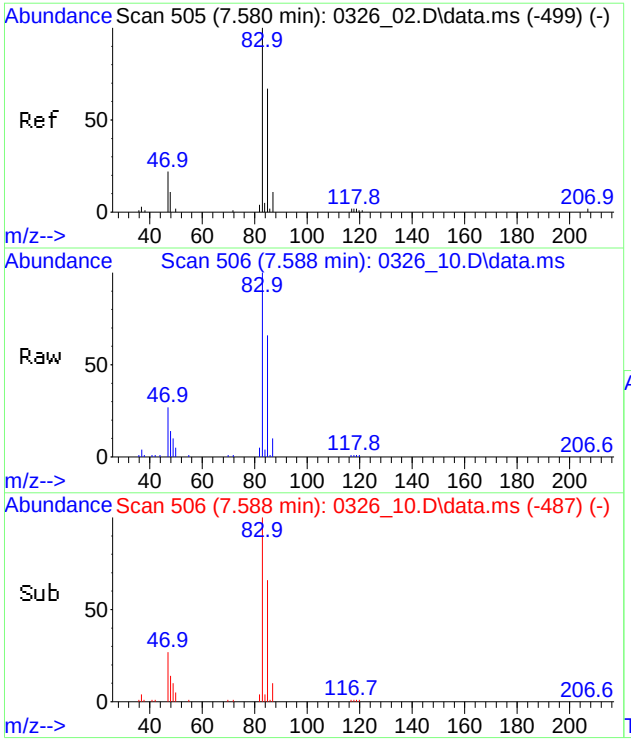


#27
Hexane
Conc: 8$ 1.581 ppbv
RT: 7.523 min Scan# 498
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 57 Resp: 63156

Ion	Ratio	Lower	Upper
57	100		
41	85.4	63.4	95.2
86	8.1	5.8	8.6

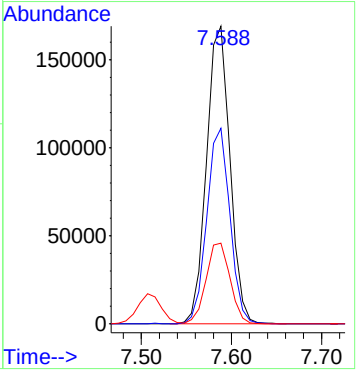


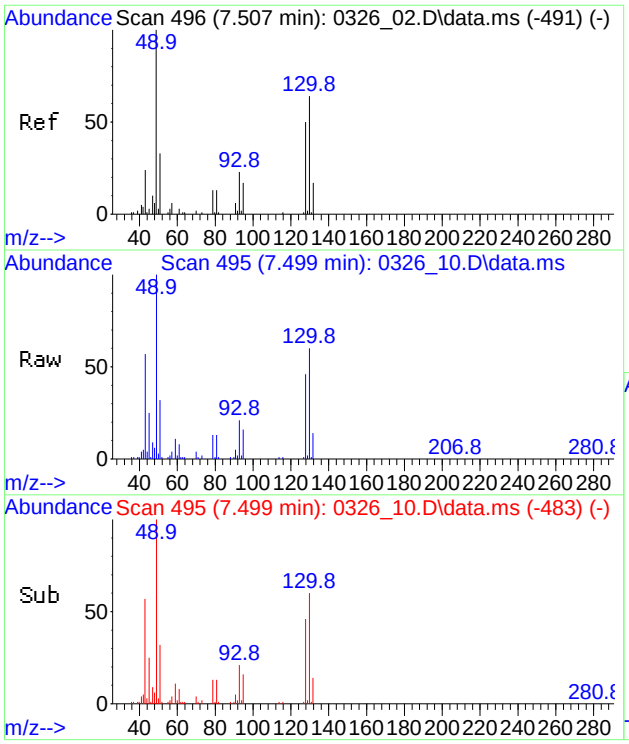


#28
Chloroform
Conc: 8$ 5.896 ppbv
RT: 7.588 min Scan# 506
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 83 Resp: 304970

Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.4	84.4
47	27.8	7.4	47.4

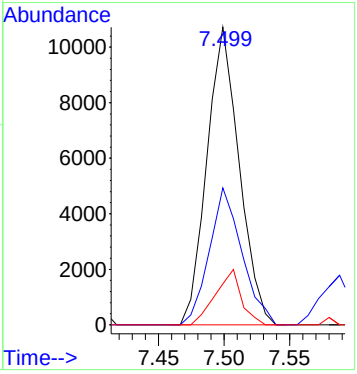


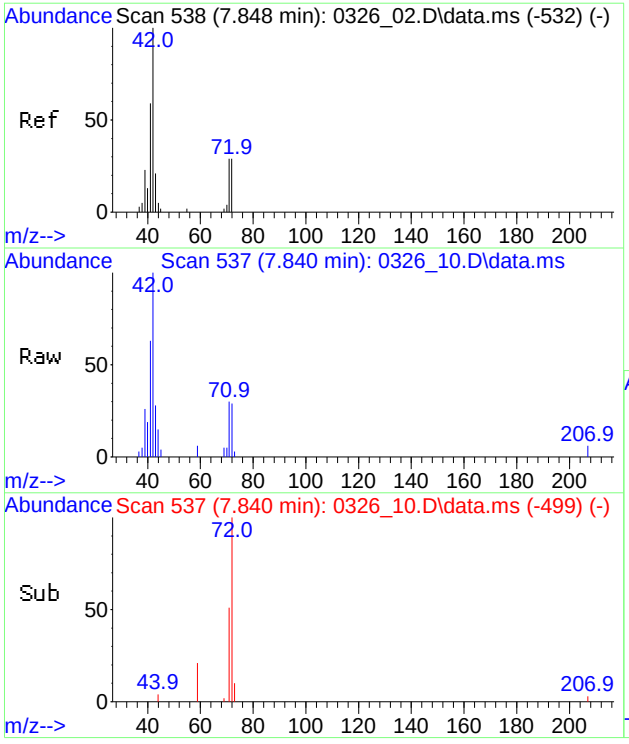


#29
Ethyl acetate
Conc: 8$ 1.988 ppbv
RT: 7.499 min Scan# 495
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 61 Resp: 18361

Ion	Ratio	Lower	Upper
61	100		
70	46.6	42.9	64.3
88	15.0	10.0	15.0

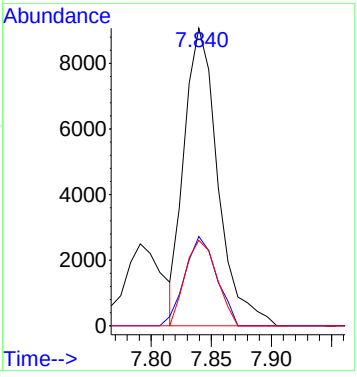


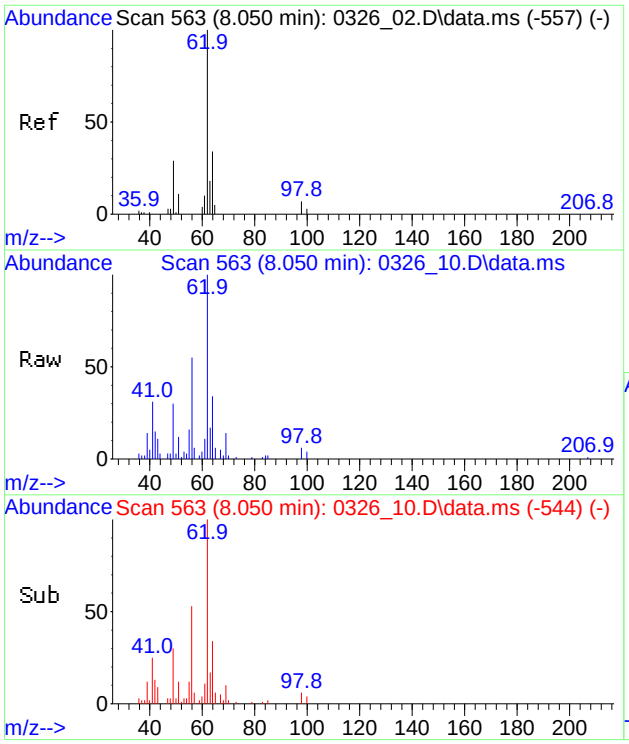


#30
Tetrahydrofuran
Conc: 8$ 0.645 ppbv
RT: 7.840 min Scan# 537
Delta R.T. 0.009 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 42 Resp: 17685

Ion	Ratio	Lower	Upper
42	100		
71	28.5	23.5	35.3
72	26.9	21.5	32.3

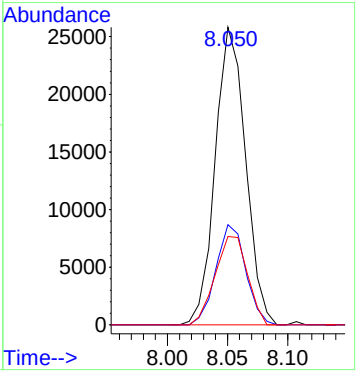


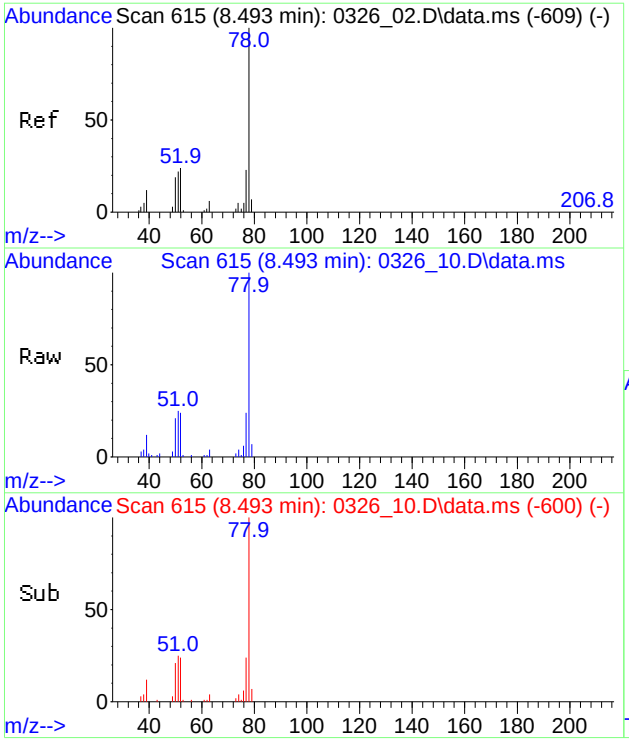


#31
1,2-Dichloroethane
Conc: 8$ 1.187 ppbv
RT: 8.050 min Scan# 563
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 62 Resp: 45424

Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.9	35.9
49	31.7	26.3	39.5

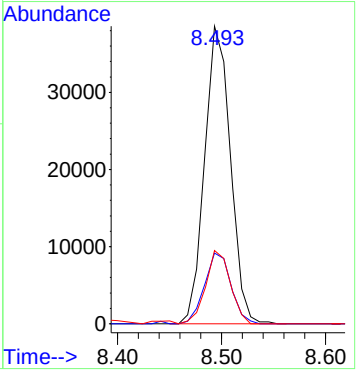


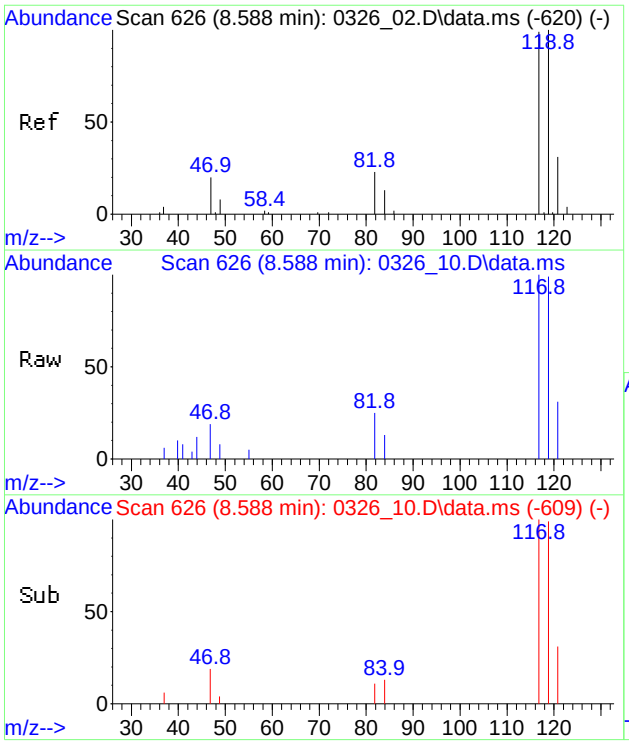


#33
Benzene
Conc: 8$ 0.962 ppbv
RT: 8.493 min Scan# 615
Delta R.T. -0.009 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 78 Resp: 66190

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2
51	23.5	18.1	27.1

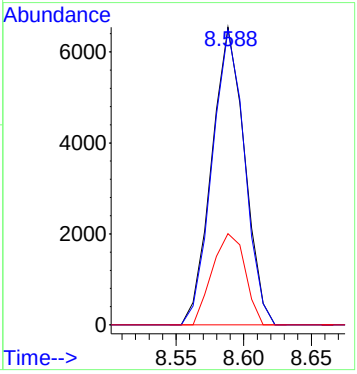


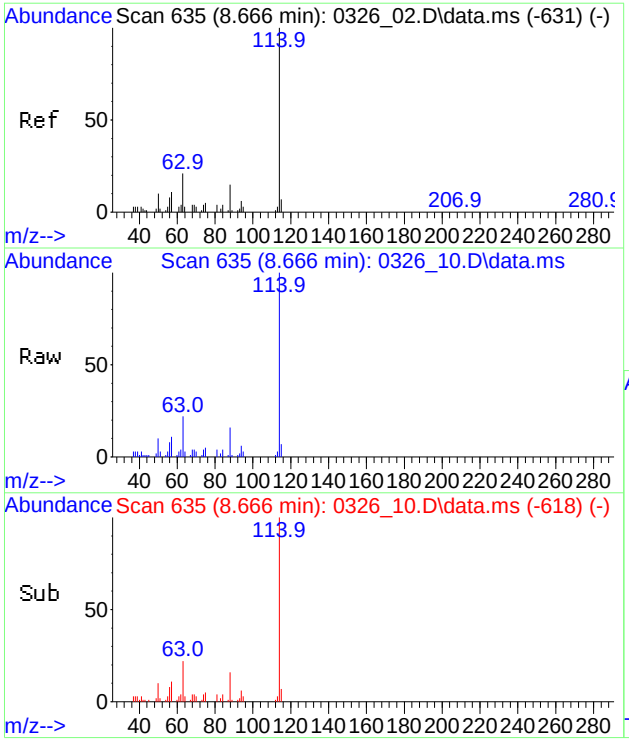


#34
Carbon Tetrachloride
Conc: 8$ 0.176 ppbv
RT: 8.588 min Scan# 626
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:117 Resp: 11063

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.5	116.5
121	30.5	11.2	51.2

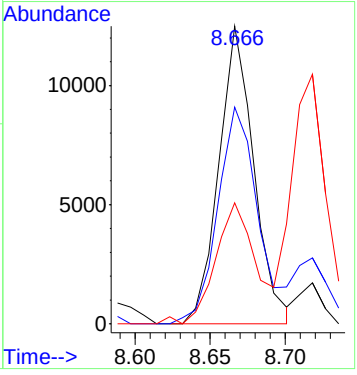


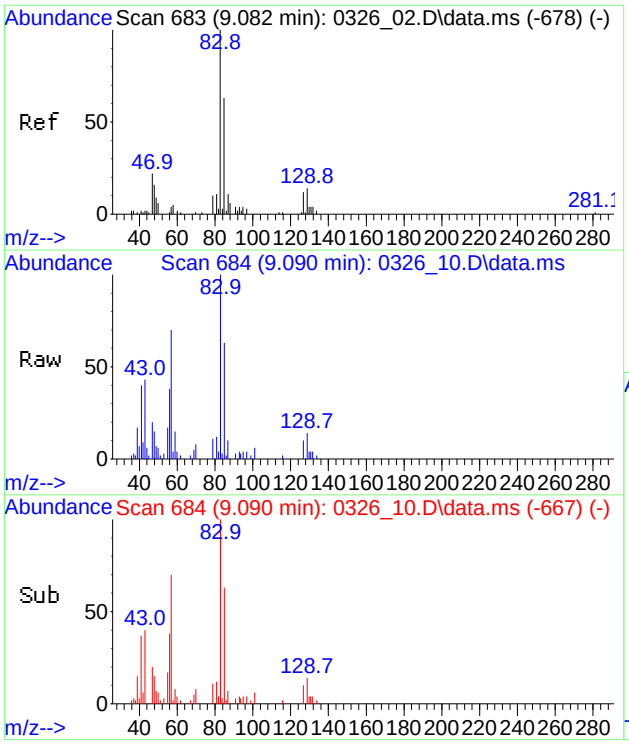


#35
Cyclohexane
Conc: 8$ 0.762 ppbv
RT: 8.666 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 84 Resp: 20271

Ion	Ratio	Lower	Upper
84	100		
55	84.3	63.1	94.7
42	47.0	33.3	49.9

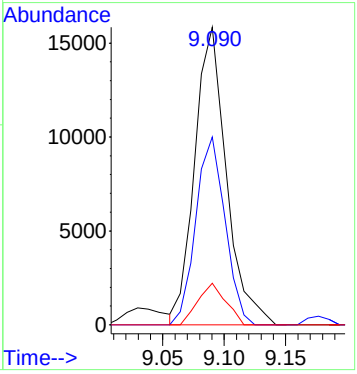


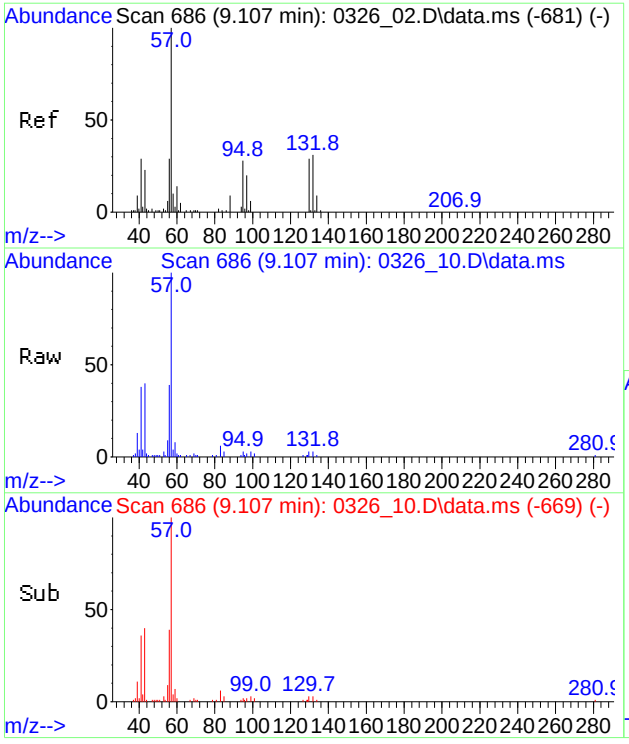


#38
Bromodichloromethane
Conc: 8$ 0.512 ppbv
RT: 9.090 min Scan# 684
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 83 Resp: 28424

Ion	Ratio	Lower	Upper
83	100		
85	58.1	44.0	84.0
129	12.2	0.0	35.8

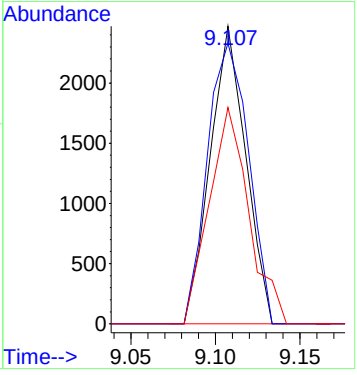


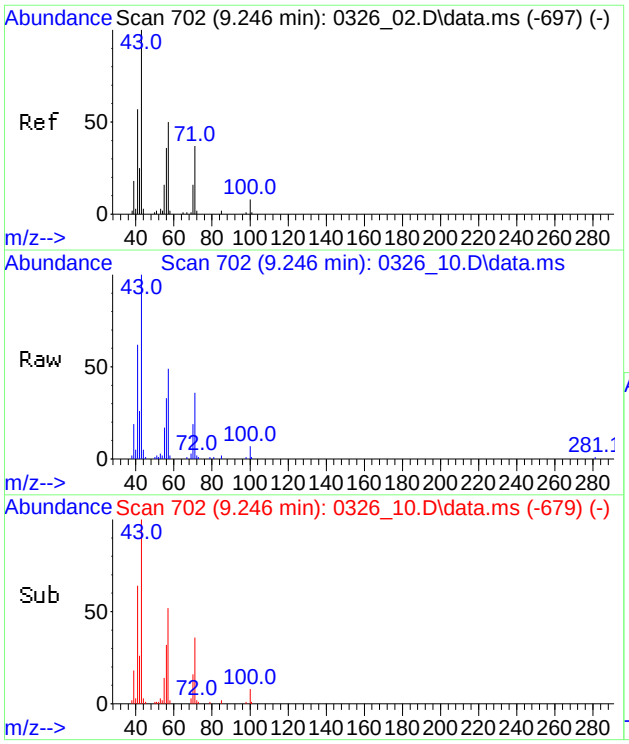


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 9.107 min Scan# 686
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:130 Resp: 3623

Ion	Ratio	Lower	Upper
130	100		
132	108.8	77.9	116.9
97	80.8	48.3	72.5#

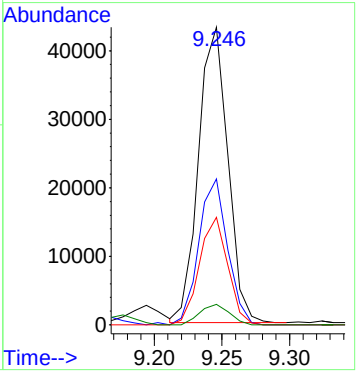


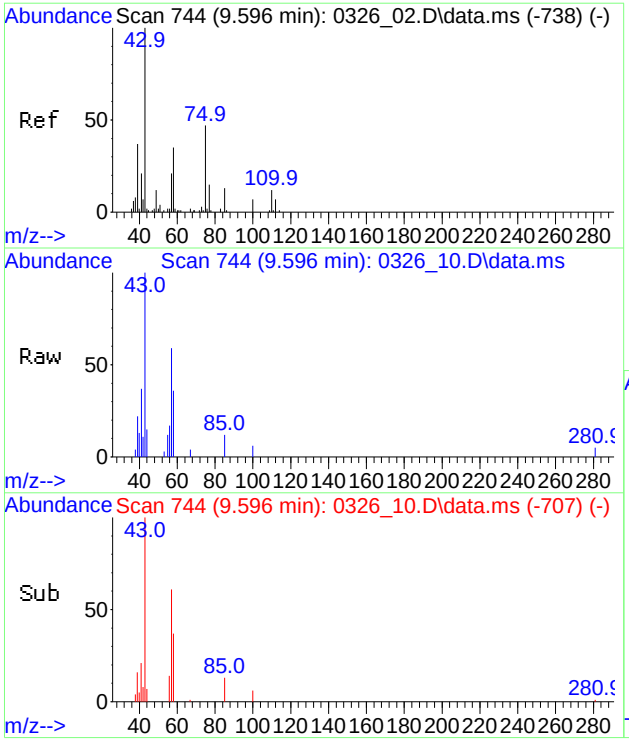


#43
Heptane
Conc: 8$ 1.272 ppbv
RT: 9.246 min Scan# 702
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 43 Resp: 65277

Ion	Ratio	Lower	Upper
43	100		
57	48.7	42.4	63.6
71	35.3	29.4	44.0
100	7.0	6.5	9.7

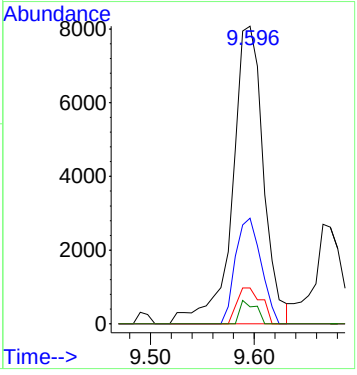


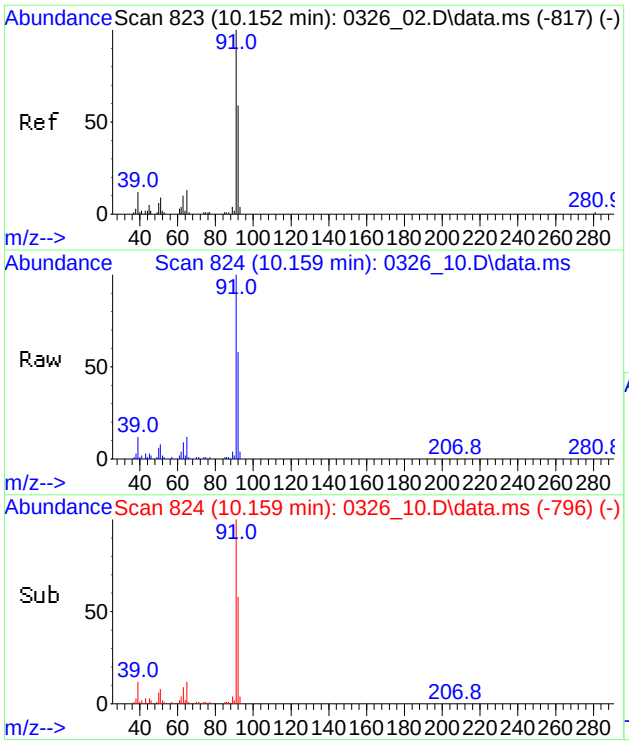


#45
4-Methyl-2-pentanone(MIBK)
Conc: 8$ 0.254 ppbv
RT: 9.596 min Scan# 744
Delta R.T. 0.007 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 43 Resp: 16748

Ion	Ratio	Lower	Upper
43	100		
58	29.4	29.1	43.7
85	9.4	10.6	15.8#
100	4.0	6.2	9.2#

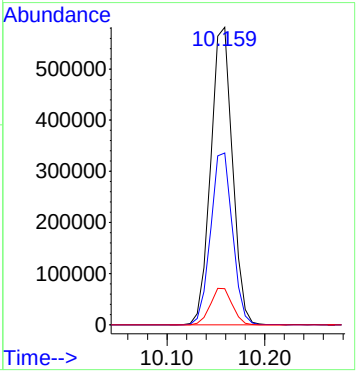


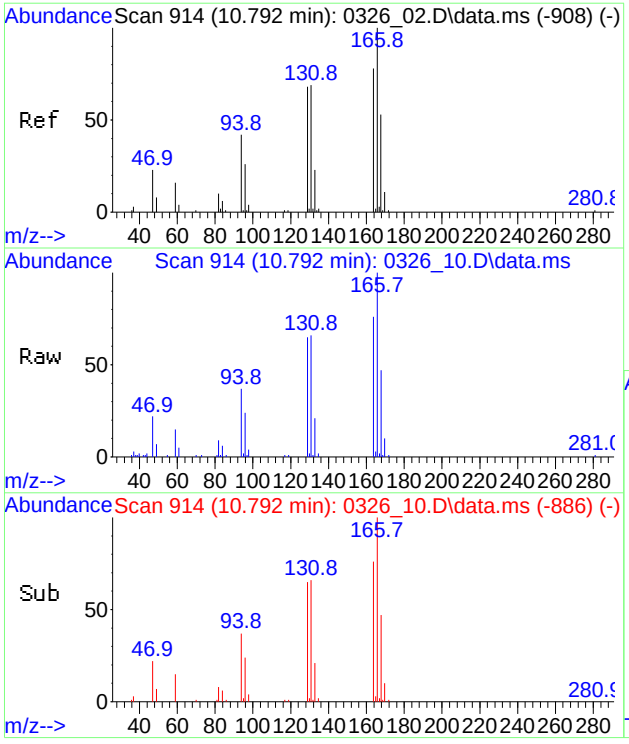


#48
Toluene
Conc: 8$ 11.172 ppbv
RT: 10.159 min Scan# 824
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 91 Resp: 900261

Ion	Ratio	Lower	Upper
91	100		
92	58.1	45.0	67.4
65	12.4	9.4	14.2

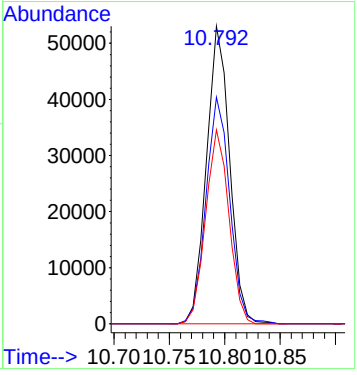


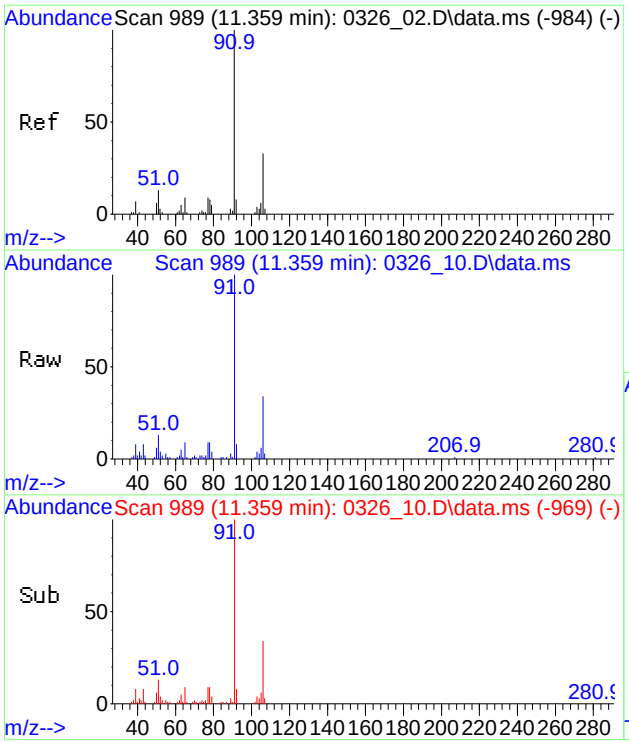


#52
Tetrachloroethene
Conc: 8$ 1.423 ppbv
RT: 10.792 min Scan# 914
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:166 Resp: 77415

Ion	Ratio	Lower	Upper
166	100		
164	78.3	64.7	97.1
129	65.4	62.2	93.2

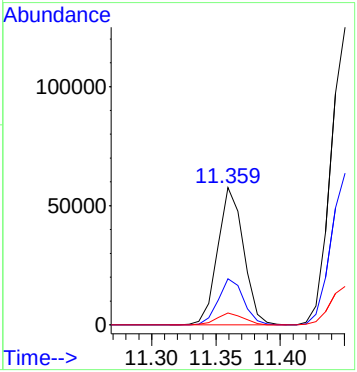


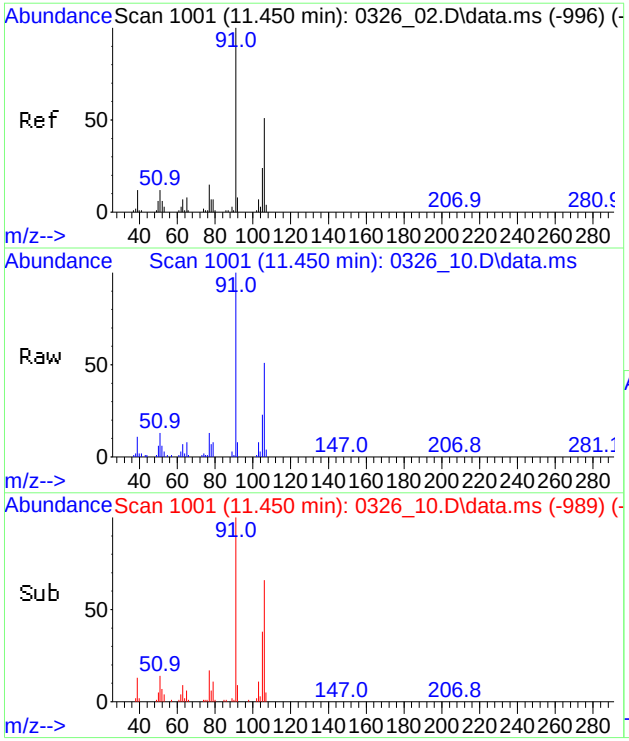


#56
Ethylbenzene
Conc: 8$ 0.859 ppbv
RT: 11.359 min Scan# 989
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 91 Resp: 80745

Ion	Ratio	Lower	Upper
91	100		
106	33.0	13.5	53.5
77	9.0	0.0	28.3

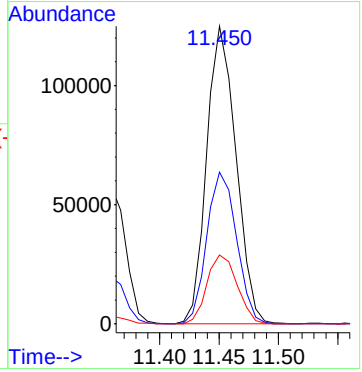


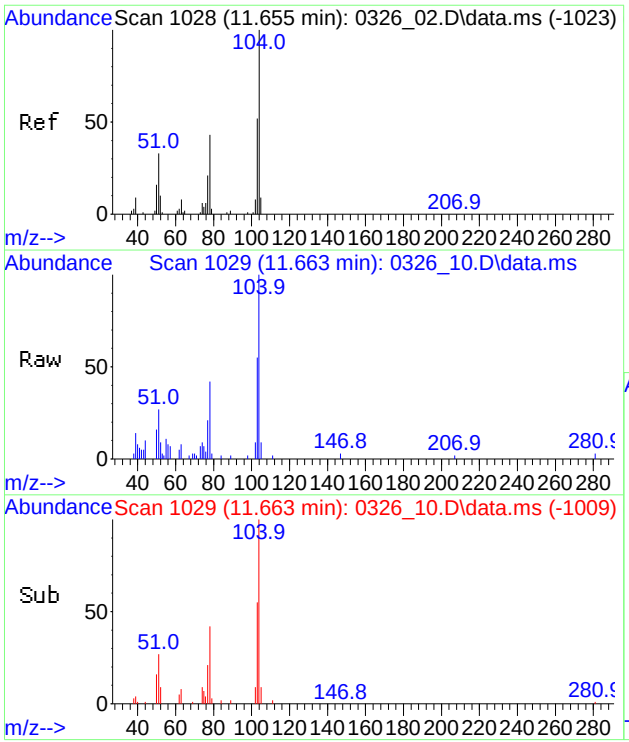


#57
m,p-Xylene
Conc: 8$ 2.996 ppbv
RT: 11.450 min Scan# 1001
Delta R.T. -0.008 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 91 Resp: 214307

Ion	Ratio	Lower	Upper
91	100		
106	51.6	41.1	61.7
105	23.8	19.5	29.3

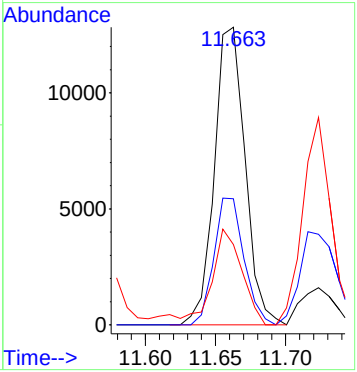


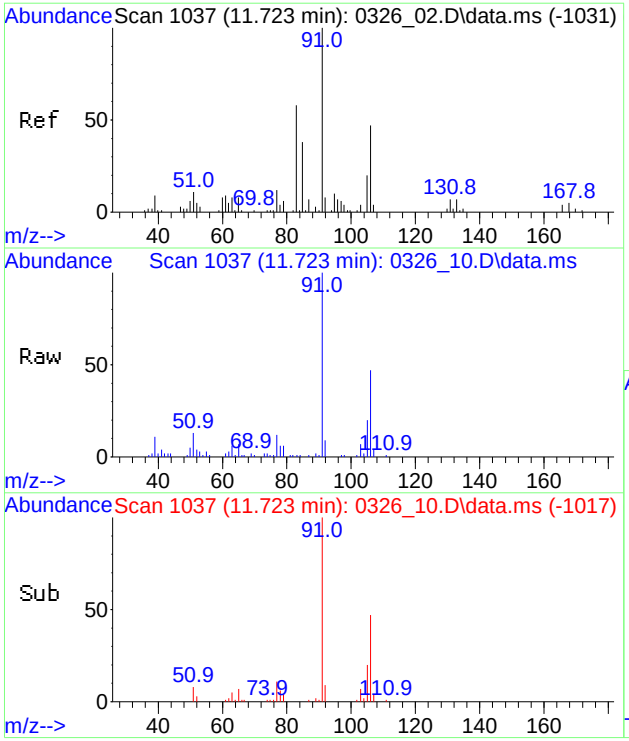


#59
Styrene
Conc: 8$ 0.370 ppbv
RT: 11.663 min Scan# 1029
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:104 Resp: 19573

Ion	Ratio	Lower	Upper
104	100		
78	41.6	32.3	48.5
51	33.5	23.4	35.0

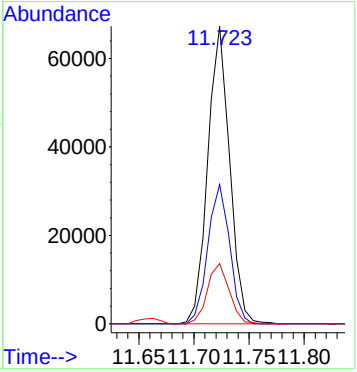


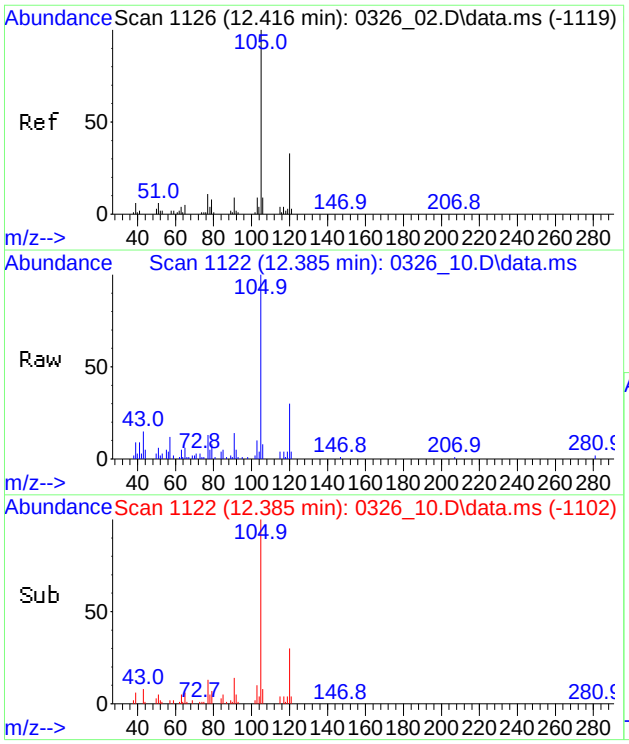


#61
o-Xylene
Conc: 8$ 1.224 ppbv
RT: 11.723 min Scan# 1037
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 91 Resp: 92376

Ion	Ratio	Lower	Upper
91	100		
106	46.7	39.6	59.4
105	20.3	16.7	25.1

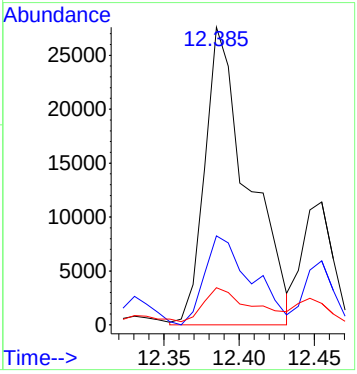


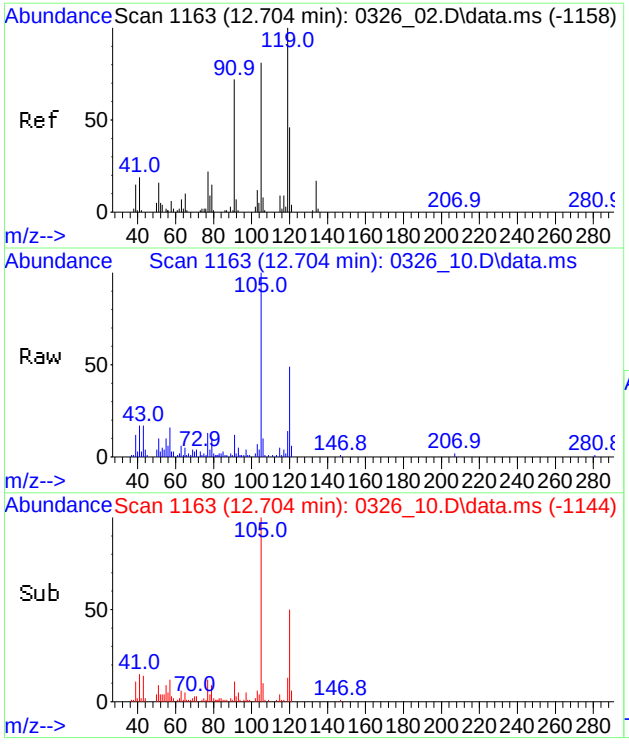


#65
4-Ethyltoluene
Conc: 8$ 0.541 ppbv
RT: 12.385 min Scan# 1122
Delta R.T. -0.031 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:105 Resp: 55301

Ion	Ratio	Lower	Upper
105	100		
120	32.4	23.4	35.2
77	14.6	8.2	12.4#

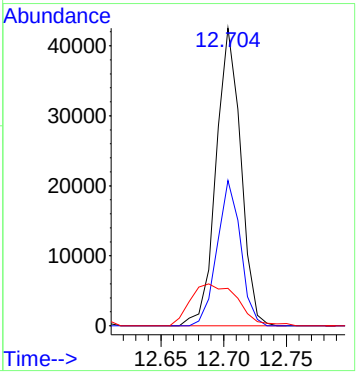


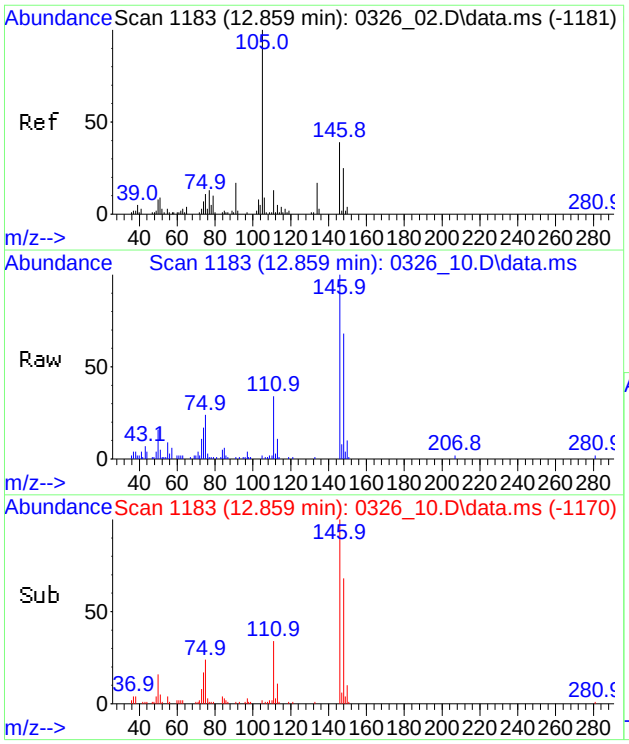


#67
1,2,4-Trimethylbenzene
Conc: 8$ 0.660 ppbv
RT: 12.704 min Scan# 1163
Delta R.T. 0.001 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:105 Resp: 58190

Ion	Ratio	Lower	Upper
105	100		
120	46.4	44.4	66.6
77	27.3	18.2	27.4

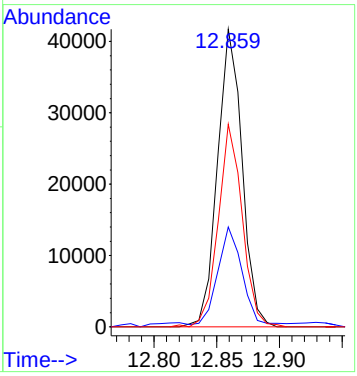


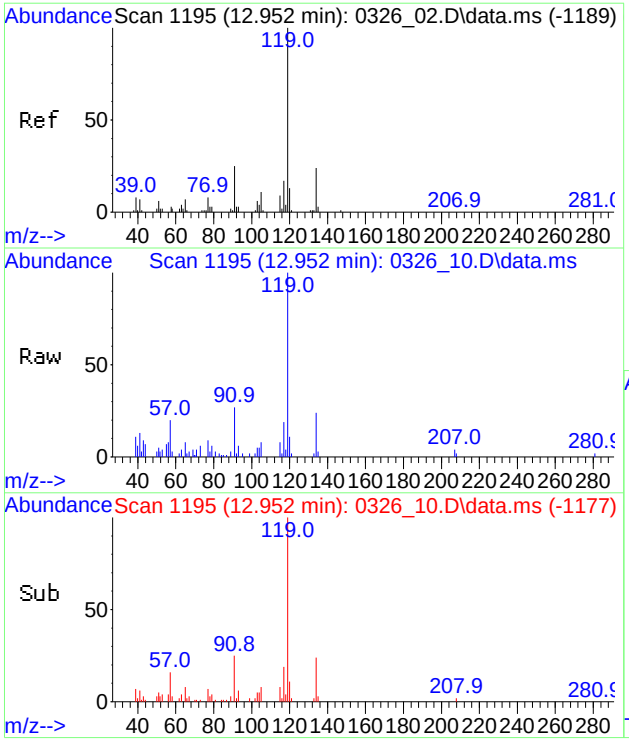


#70
1,4-Dichlorobenzene
Conc: 8$ 1.098 ppbv
RT: 12.859 min Scan# 1183
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:146 Resp: 57105

Ion	Ratio	Lower	Upper
146	100		
111	32.4	29.7	44.5
148	66.5	51.3	76.9

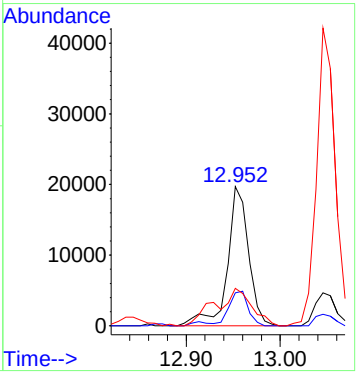


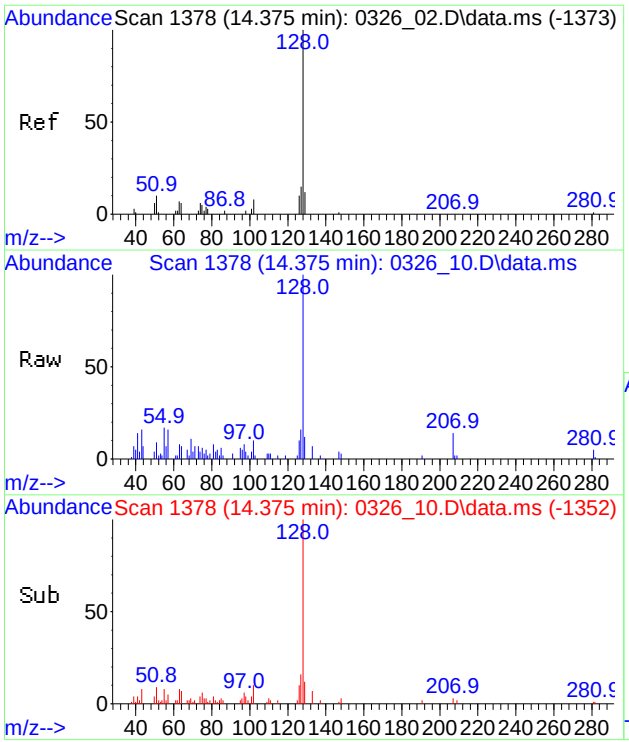


#72
4-Isopropyltoluene
Conc: 8$ 0.253 ppbv
RT: 12.952 min Scan# 1195
Delta R.T. -0.008 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:119 Resp: 30984

Ion	Ratio	Lower	Upper
119	100		
134	22.3	19.0	28.4
91	46.0	21.7	32.5#

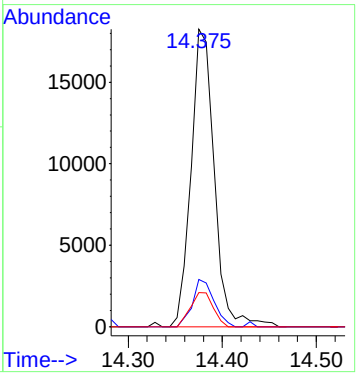


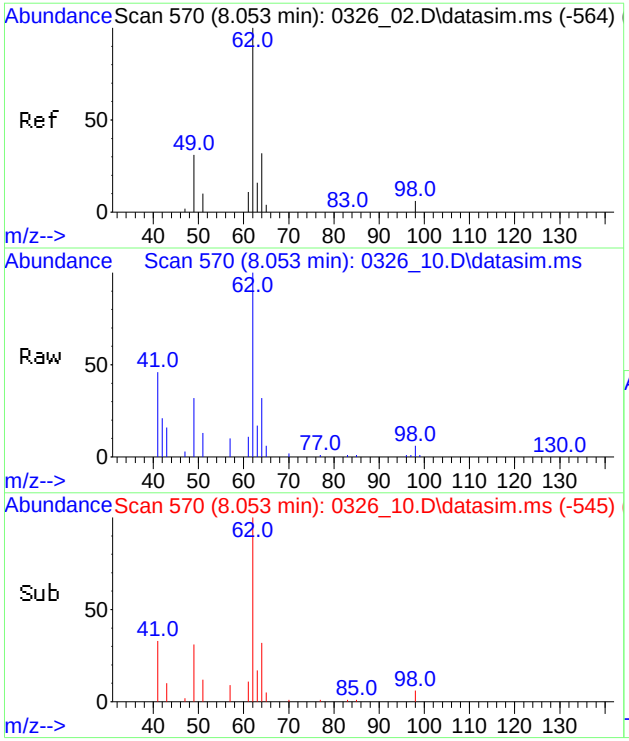


#76
Naphthalene
Conc: 8$ 0.467 ppbv
RT: 14.375 min Scan# 1378
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:128 Resp: 31298

Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.9	11.9#
129	11.3	8.7	13.1

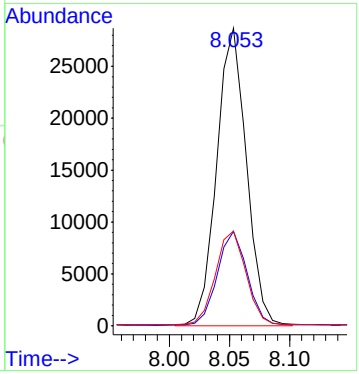


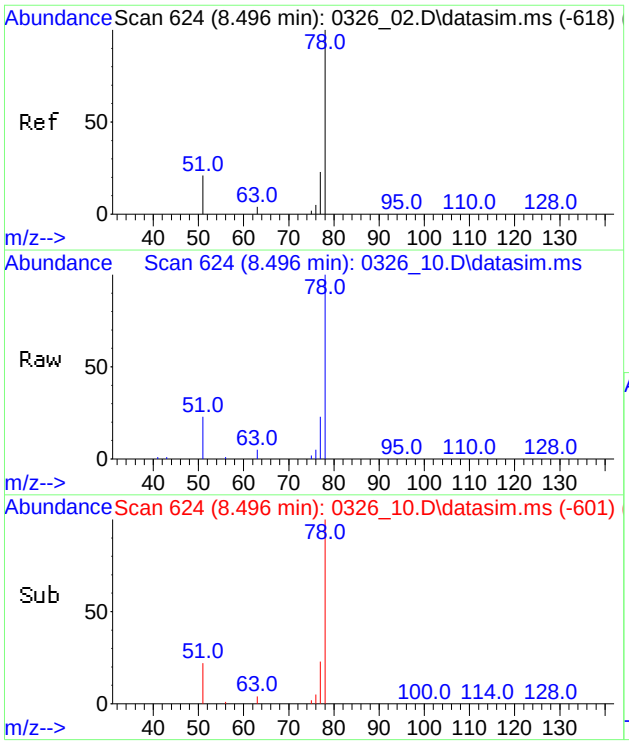


#83
1,2-Dichloroethane(sim)
Conc: 8$ 1.132 ppbv
RT: 8.050 min Scan# 570
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 62 Resp: 45424

Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.9	35.9
49	31.7	26.3	39.5

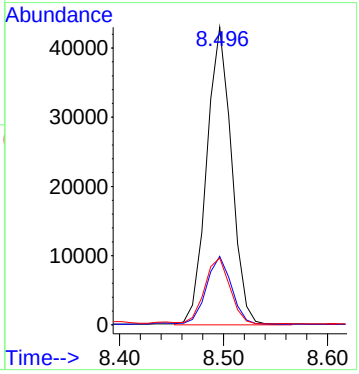


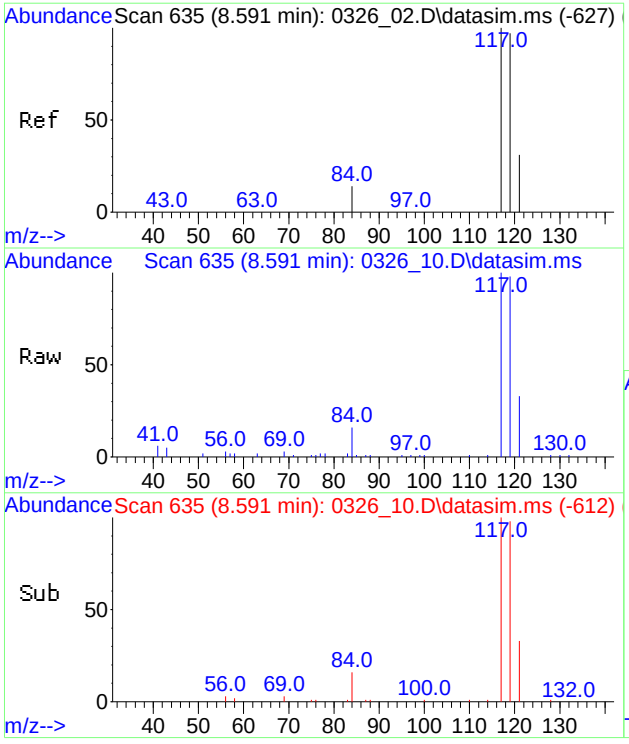


#85
Benzene(sim)
Conc: 8$ 0.921 ppbv
RT: 8.493 min Scan# 624
Delta R.T. -0.009 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 78 Resp: 66190

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2
51	23.5	18.1	27.1

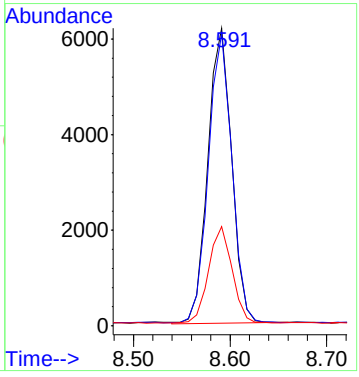


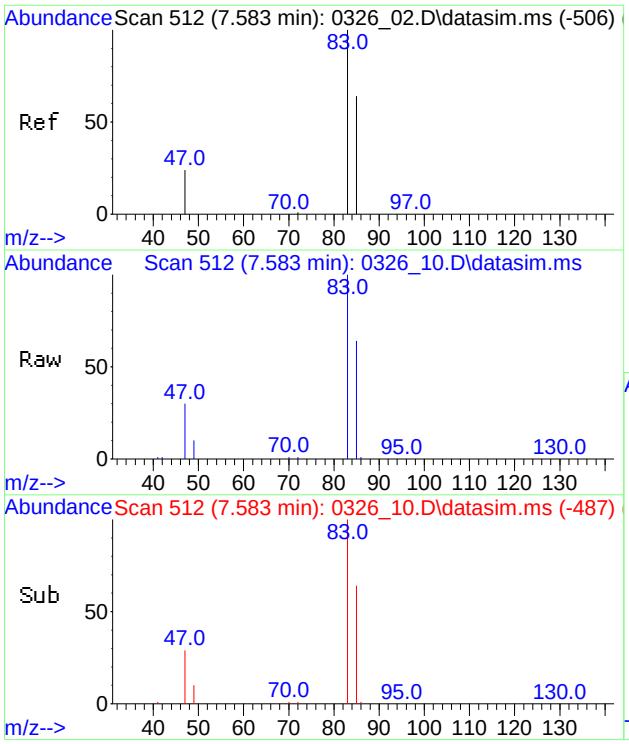


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.164 ppbv
RT: 8.591 min Scan# 635
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:117 Resp: 10513

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.2
121	31.9	24.9	37.3

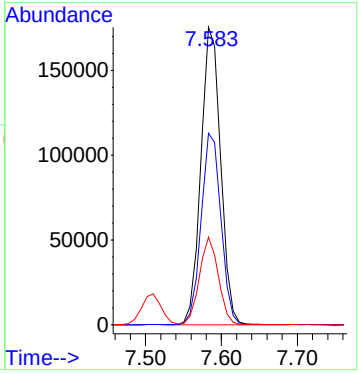


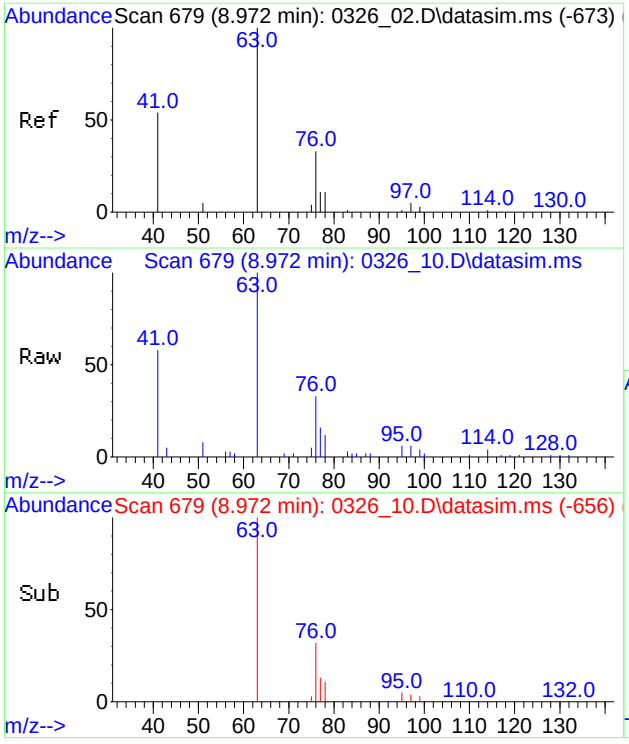


#92
Chloroform(sim)
Conc: 8$ 5.549 ppbv
RT: 7.583 min Scan# 512
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 83 Resp: 316000

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4
47	28.4	23.0	34.4

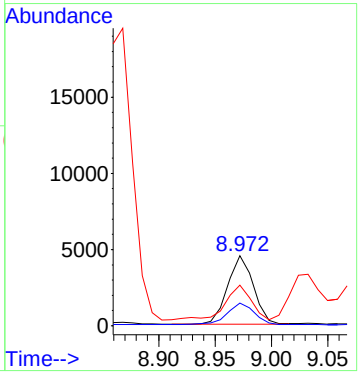


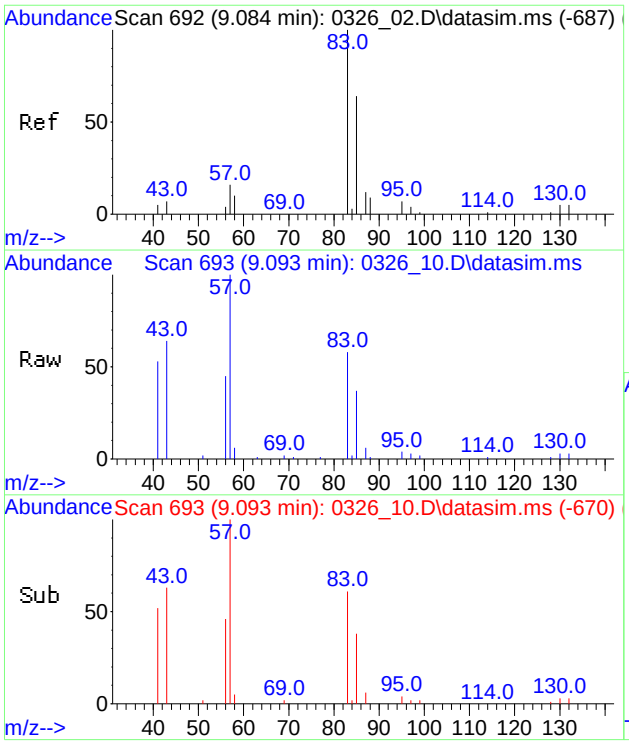


#94
1,2-dichloropropane(sim)
Conc: 8$ 0.208 ppbv
RT: 8.972 min Scan# 679
Delta R.T. -0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 63 Resp: 7136

Ion	Ratio	Lower	Upper
63	100		
76	34.0	22.6	33.8#
41	49.6	40.3	60.5

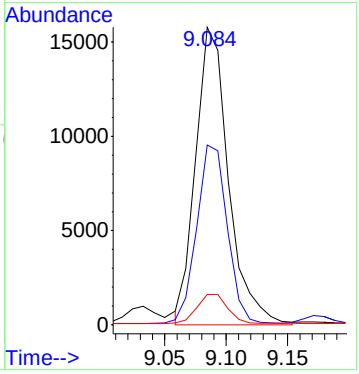


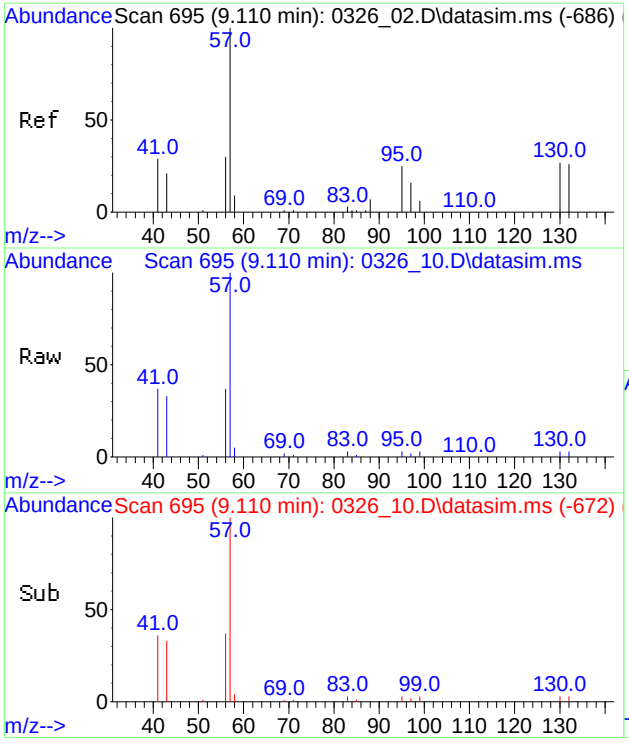


#95
Bromodichloromethane(sim)
Conc: 8$ 0.482 ppbv
RT: 9.090 min Scan# 693
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 83 Resp: 28424

Ion	Ratio	Lower	Upper
83	100		
85	58.1	44.0	84.0
87	8.0	0.0	33.1

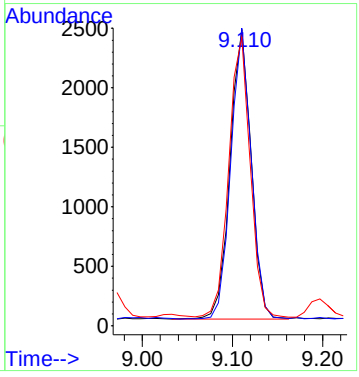


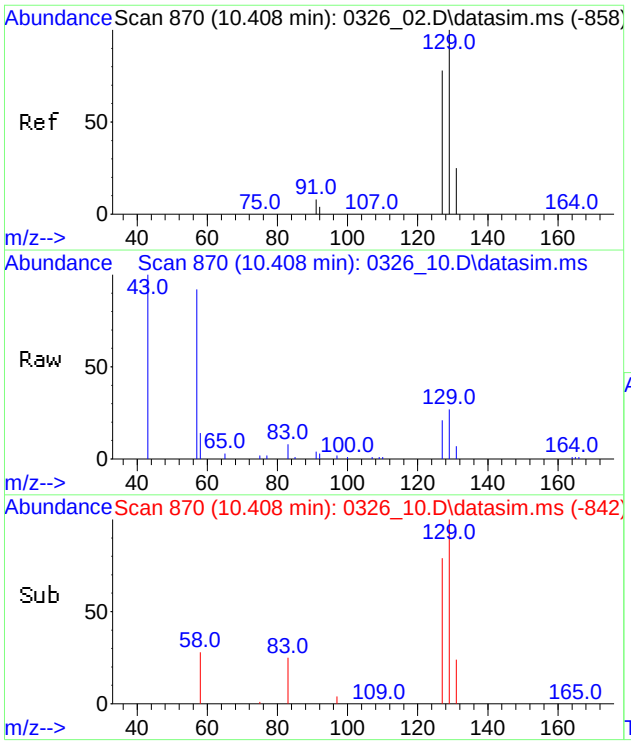


#96
Trichloroethene(sim)
Conc: 8$ 0.108 ppbv
RT: 9.110 min Scan# 695
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:130 Resp: 3960

Ion	Ratio	Lower	Upper
130	100		
132	96.3	77.5	116.3
95	98.0	73.8	110.6

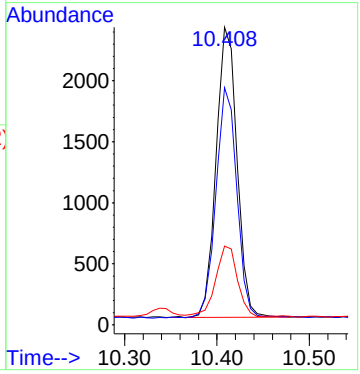


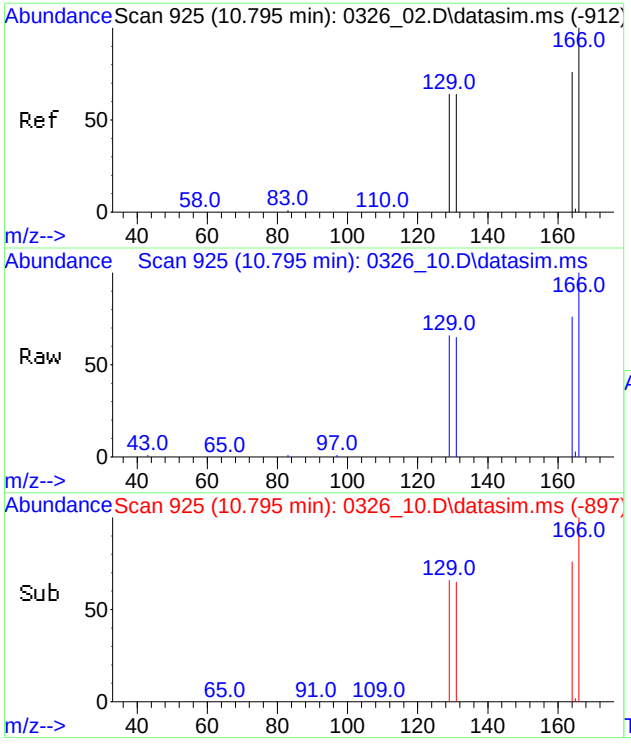


#100
Dibromochloromethane(sim)
Conc: 8$ 0.057 ppbv
RT: 10.408 min Scan# 870
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:129 Resp: 3735

Ion	Ratio	Lower	Upper
129	100		
127	80.0	56.4	96.4
131	25.8	4.4	44.4

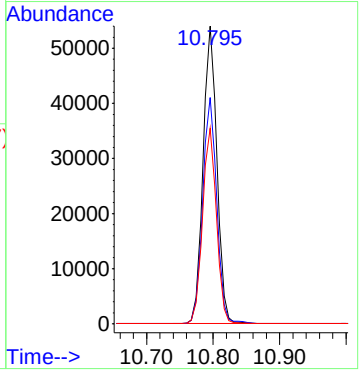


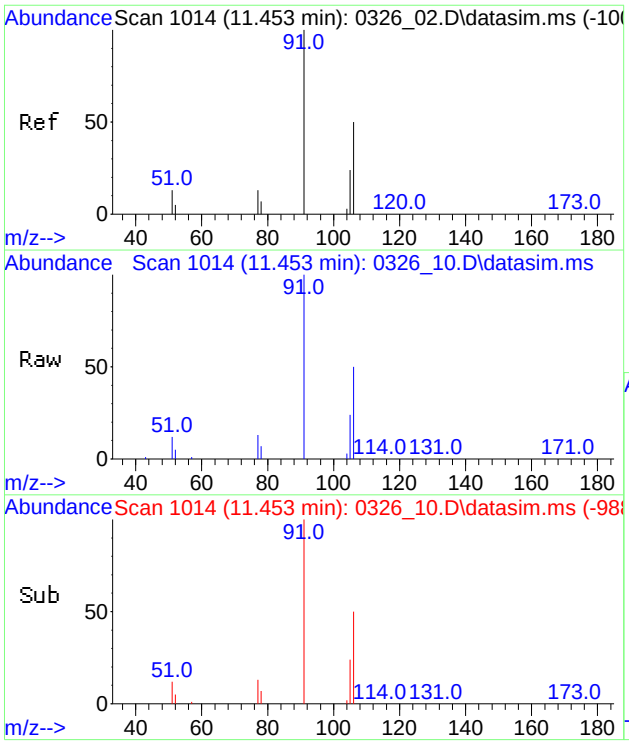


#102
Tetrachloroethene(sim)
Conc: 8$ 1.347 ppbv
RT: 10.795 min Scan# 925
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:166 Resp: 78345

Ion	Ratio	Lower	Upper
166	100		
164	77.1	58.0	98.0
129	65.8	58.0	98.0

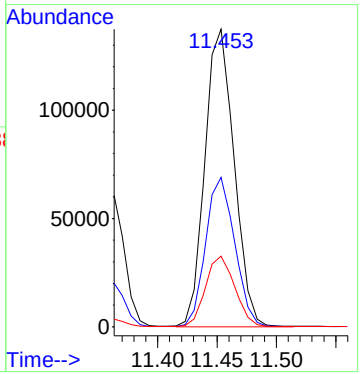


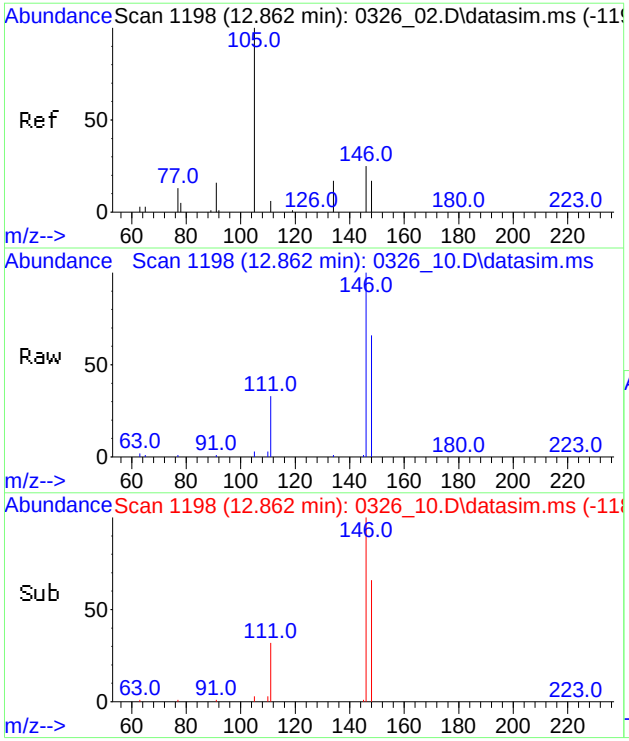


#105
m,p-Xylene(sim)
Conc: 8$ 2.907 ppbv
RT: 11.450 min Scan# 1014
Delta R.T. -0.008 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion: 91 Resp: 214307

Ion	Ratio	Lower	Upper
91	100		
106	51.6	46.3	56.5
105	23.8	19.5	29.3

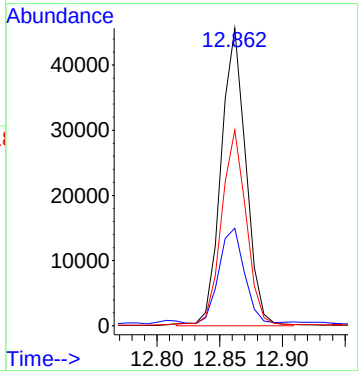




#109
1,4-Dichlorobenzene(sim)
Conc: 8$ 1.375 ppbv
RT: 12.859 min Scan# 1198
Delta R.T. 0.000 min
Lab File: 0326_10.D
Acq: 26 Mar 2025 6:51 pm

Tgt Ion:146 Resp: 57105

Ion	Ratio	Lower	Upper
146	100		
111	32.4	17.1	57.1
148	66.5	44.1	84.1



AIR ANALYSIS DATA SHEET

CLIENT ID: CS91405 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 LCS

Canister: LCS Lab File ID: 0327_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	10.4		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.6		0.202	0.202	r
74-87-3	Chloromethane	9.51		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	8.68		0.143	0.143	r
75-01-4	Vinyl Chloride	8.94		0.078	0.078	r
106-99-0	1,3-Butadiene	8.82		0.452	0.452	r
74-83-9	Bromomethane	7.94		0.258	0.258	r
75-00-3	Chloroethane	8.18		0.379	0.379	r
64-17-5	Ethanol	4.84		0.531	0.531	r
67-64-1	Acetone	7.45		0.421	0.421	r
75-69-4	Trichlorofluoromethane	6.95		0.178	0.178	r
67-63-0	Isopropylalcohol	7.34		0.407	0.407	r
107-13-1	Acrylonitrile	7.20		0.461	0.461	r
75-35-4	1,1-Dichloroethene	7.62		0.051	0.051	r
75-09-2	Methylene Chloride	7.45		0.863	0.863	r
75-15-0	Carbon Disulfide	7.75		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	7.21		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	11.3		0.252	0.252	r
75-34-3	1,1-Dichloroethane	11.4		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	10.9		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	11.2		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	11.2		0.051	0.051	r
110-54-3	Hexane	11.6		0.284	0.284	r
67-66-3	Chloroform	11.4		0.205	0.205	r
141-78-6	Ethyl acetate	15.2		0.278	0.278	r
109-99-9	Tetrahydrofuran	11.6		0.339	0.339	r
107-06-2	1,2-Dichloroethane	11.7		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	10.8		0.183	0.183	r
71-43-2	Benzene	11.8		0.313	0.313	r
56-23-5	Carbon Tetrachloride	10.2		0.032	0.032	r
110-82-7	Cyclohexane	10.8		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.6		0.217	0.217	r
75-27-4	Bromodichloromethane	10.3		0.149	0.149	r
79-01-6	Trichloroethene	9.07		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	10.1		0.215	0.215	r
123-91-1	1,4-Dioxane	9.57		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: CS91405 LCS

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 LCS

Canister: LCS Lab File ID: 0327_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.5		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	10.5		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	10.1		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	10.3		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	10.5		0.183	0.183	r
108-88-3	Toluene	10.7		0.266	0.266	r
124-48-1	Dibromochloromethane	9.49		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	10.1		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.2		0.130	0.130	r
127-18-4	Tetrachloroethene	8.39		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	8.39		0.146	0.146	r
108-90-7	Chlorobenzene	9.58		0.217	0.217	r
100-41-4	Ethylbenzene	10.0		0.230	0.230	r
179601-23-1	m,p-Xylene	20.3		0.230	0.230	r
75-25-2	Bromoform	7.19		0.097	0.097	r
100-42-5	Styrene	9.85		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.81		0.146	0.146	r
95-47-6	o-Xylene	9.93		0.230	0.230	r
98-82-8	Isopropylbenzene	9.27		0.204	0.204	r
622-96-8	4-Ethyltoluene	9.77		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	9.58		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	9.54		0.204	0.204	r
100-44-7	Benzyl chloride	8.50		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	8.52		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	8.43		0.166	0.166	r
135-98-8	sec-Butylbenzene	9.00		0.182	0.182	r
99-87-6	4-Isopropyltoluene	8.48		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	8.12		0.166	0.166	r
104-51-8	n-Butylbenzene	8.65		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	5.11		0.135	0.135	r
91-20-3	Naphthalene	6.01		0.200	0.200	r
87-68-3	Hexachlorobutadiene	4.68		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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_04.D
Acq On : 27 Mar 2025 2:02 pm
Operator :
Client ID : CS91405 LCS
Lab ID : CS91405 LCS
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 11:04:27 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	194305m	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	691899	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	405719	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	231673	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	691899	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	405719	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	445590	9.978	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.80%			
Target Compounds							Qvalue
2) Propylene	3.727	41	114307	10.382	ppbv		93
3) Dichlorodifluoromethane	3.792	85	635616	10.601	ppbv		98
4) Chloromethane	3.930	50	309204	9.510	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.019	85	1174606	8.683	ppbv		92
6) Vinyl Chloride	4.125	62	372689	8.943	ppbv		93
7) 1,3-Butadiene	4.238	54	258703	8.815	ppbv		94
8) Bromomethane	4.457	94	423332	7.935	ppbv	#	89
9) Chloroethane	4.587	64	171469	8.181	ppbv		94
11) Ethanol	4.676	45	84521	4.843	ppbv	#	38
12) Acetone	5.033	43	576495	7.446	ppbv	#	77
13) Trichlorofluoromethane	5.147	101	1111061m	6.948	ppbv		
14) Isopropylalcohol	5.203	45	615067	7.339	ppbv	#	94
15) Acrylonitrile	5.349	53	238470	7.201	ppbv	#	1
16) 1,1-Dichloroethene	5.586	61	613420	7.618	ppbv	#	77
17) Methylene Chloride	5.664	49	411493	7.451	ppbv	#	73
20) Carbon Disulfide	5.878	76	1112440	7.753	ppbv		96
21) Trichlorotrifluoroethane	5.831	101	861254	7.213	ppbv		92
22) Trans-1,2-Dichloroethene	6.272	61	250620	11.331	ppbv	#	85
23) 1,1-Dichloroethane	6.402	63	324518	11.433	ppbv		97
24) Methyl tert-butyl ethe...	6.439	73	475473	10.859	ppbv	#	89
25) Methyl Ethyl Ketone	6.642	43	369499	11.236	ppbv	#	92
26) Cis-1,2-Dichloroethene	6.918	61	239822	11.201	ppbv	#	83
27) Hexane	7.034	57	267691	11.571	ppbv		99
28) Chloroform	7.104	83	415585	11.397	ppbv		95
29) Ethyl acetate	7.034	61	79787	15.203	ppbv	#	85
30) Tetrahydrofuran	7.360	42	185597	11.562	ppbv		97
31) 1,2-Dichloroethane	7.561	62	271447	11.705	ppbv		91
32) 1,1,1-Trichloroethane	7.716	97	424736	10.778	ppbv		98
33) Benzene	8.002	78	574468	11.750	ppbv		93
34) Carbon Tetrachloride	8.097	117	425725	10.190	ppbv		99
35) Cyclohexane	8.175	84	222365	10.804	ppbv	#	84
37) 1,2-dichloropropane	8.486	63	226366	10.597	ppbv		89
38) Bromodichloromethane	8.599	83	498325	10.301	ppbv		98
39) Trichloroethene	8.625	130	324537	9.071	ppbv	#	83
40) 2,2,4-trimethylpentane	8.625	57	886385	10.078	ppbv		99
41) 1,4-Dioxane	8.616	88	130210	9.568	ppbv	#	79
43) Heptane	8.763	43	335759	10.505	ppbv		98
44) cis-1,3-Dichloropropene	9.107	75	368741	10.479	ppbv		97
45) 4-Methyl-2-pentanone(M...	9.114	43	499210	10.142	ppbv	#	93
46) trans-1,3-Dichloropropene	9.403	75	277528	10.262	ppbv		96
47) 1,1,2-Trichloroethane	9.515	97	269174	10.526	ppbv		99
48) Toluene	9.677	91	770611	10.675	ppbv	#	98

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_04.D
Acq On : 27 Mar 2025 2:02 pm
Operator :
Client ID : CS91405 LCS
Lab ID : CS91405 LCS
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 11:04:27 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	9.924	129	504534	9.489	ppbv	99
50)	2-Hexanone(MBK)	9.790	43	448389	10.123	ppbv#	43
51)	1,2-Dibromoethane(EDB)	10.064	107	445162	10.225	ppbv	98
52)	Tetrachloroethene	10.311	166	361338	8.387	ppbv	98
54)	1,1,1,2-Tetrachloroethane	10.682	131	355258	8.388	ppbv#	94
55)	Chlorobenzene	10.690	112	655046	9.575	ppbv#	81
56)	Ethylbenzene	10.887	91	985909	10.011	ppbv	83
57)	m,p-Xylene	10.978	91	1552181	20.301	ppbv	100
58)	Bromoform	11.054	173	384120	7.190	ppbv	97
59)	Styrene	11.183	104	567475	9.847	ppbv#	74
60)	1,1,2,2-Tetrachloroethane	11.243	83	671245	9.806	ppbv	95
61)	o-Xylene	11.243	91	834136	9.925	ppbv#	88
64)	Isopropylbenzene	11.569	105	1074680	9.267	ppbv#	93
65)	4-Ethyltoluene	11.941	105	1151737	9.772	ppbv	90
66)	1,3,5-Trimethylbenzene	11.979	105	911555	9.577	ppbv#	90
67)	1,2,4-Trimethylbenzene	12.237	105	1085171	9.543	ppbv	91
68)	Benzyl chloride	12.329	91	639468	8.504	ppbv#	92
69)	1,3-Dichlorobenzene	12.344	146	654144	8.521	ppbv#	90
70)	1,4-Dichlorobenzene	12.389	146	684379	8.428	ppbv	100
71)	sec-Butylbenzene	12.397	105	1461997	8.997	ppbv#	90
72)	4-Isopropyltoluene	12.488	119	1269142	8.478	ppbv	100
73)	1,2-Dichlorobenzene	12.602	146	579992	8.124	ppbv#	90
74)	n-Butylbenzene	12.754	91	1049754	8.651	ppbv	98
75)	1,2,4-Trichlorobenzene	13.756	180	329565	5.111	ppbv	98
76)	Naphthalene	13.848	128	792800	6.010	ppbv#	95
77)	Hexachlorobutadiene	14.091	225	278580	4.683	ppbv	98
79]	1,2-Dichlorotetrafluor...	4.019	85	1173032	7.529	ppbv	92
80]	Vinyl Chloride(sim)	4.119	62	414789	8.000	ppbv	98
81]	Bromomethane(sim)	4.457	94	423332	6.402	ppbv#	89
82]	Trichlorofluoromethane...	5.150	101	1285133	6.412	ppbv#	97
83]	1,2-Dichloroethane(sim)	7.561	62	271447	9.879	ppbv#	14
84]	1,1,1-Trichloroethane(...	7.719	97	494793	10.258	ppbv#	94
85]	Benzene(sim)	8.002	78	574468	9.840	ppbv	93
86]	Carbon Tetrachloride(sim)	8.091	117	487848	10.450	ppbv	99
87]	1,1-Dichloroethene(sim)	5.586	61	613420	6.931	ppbv#	77
88]	Trichlorotrifluoroetha...	5.833	101	979435	7.067	ppbv#	95
89]	Trans-1,2-Dichloroethe...	6.272	61	250620	9.486	ppbv#	85
90]	1,1-Dichloroethane(sim)	6.400	63	369896	10.019	ppbv	98
91]	Cis-1,2-Dichloroethene...	6.918	61	239820	8.951	ppbv#	83
92]	Chloroform(sim)	7.107	83	478849	10.383	ppbv	96
94]	1,2-dichloropropane(sim)	8.480	63	257141	10.608	ppbv	88
95]	Bromodichloromethane(sim)	8.599	83	498325	11.691	ppbv	97
96]	Trichloroethene(sim)	8.619	130	366531	11.233	ppbv	91
97]	1,4-Dioxane(sim)	8.616	88	130210	9.209	ppbv#	79
98]	cis-1,3-Dichloropropen...	9.110	75	428937	11.937	ppbv	97
99]	1,1,2-Trichloroethane(...	9.515	97	269174	10.714	ppbv	99
100]	Dibromochloromethane(sim)	9.927	129	574223	11.268	ppbv	99
101]	1,2-Dibromoethane(EDB)...	10.064	107	445162	10.487	ppbv	97
102]	Tetrachloroethene(sim)	10.314	166	426838	9.797	ppbv	92
104]	Bromoform(sim)	11.057	173	457412	7.430	ppbv	98
105]	m,p-Xylene(sim)	10.978	91	1554507	18.984	ppbv#	91
106]	1,1,2,2-Tetrachloroeth...	11.246	83	756189	9.889	ppbv	100
107]	Benzyl chloride(sim)	12.329	91	639468	8.945	ppbv	92
108]	1,3-Dichlorobenzene(sim)	12.347	146	807522	8.745	ppbv#	94
109]	1,4-Dichlorobenzene(sim)	12.389	146	684379	8.399	ppbv	90

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_04.D
Acq On : 27 Mar 2025 2:02 pm
Operator :
Client ID : CS91405 LCS
Lab ID : CS91405 LCS
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 11:04:27 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

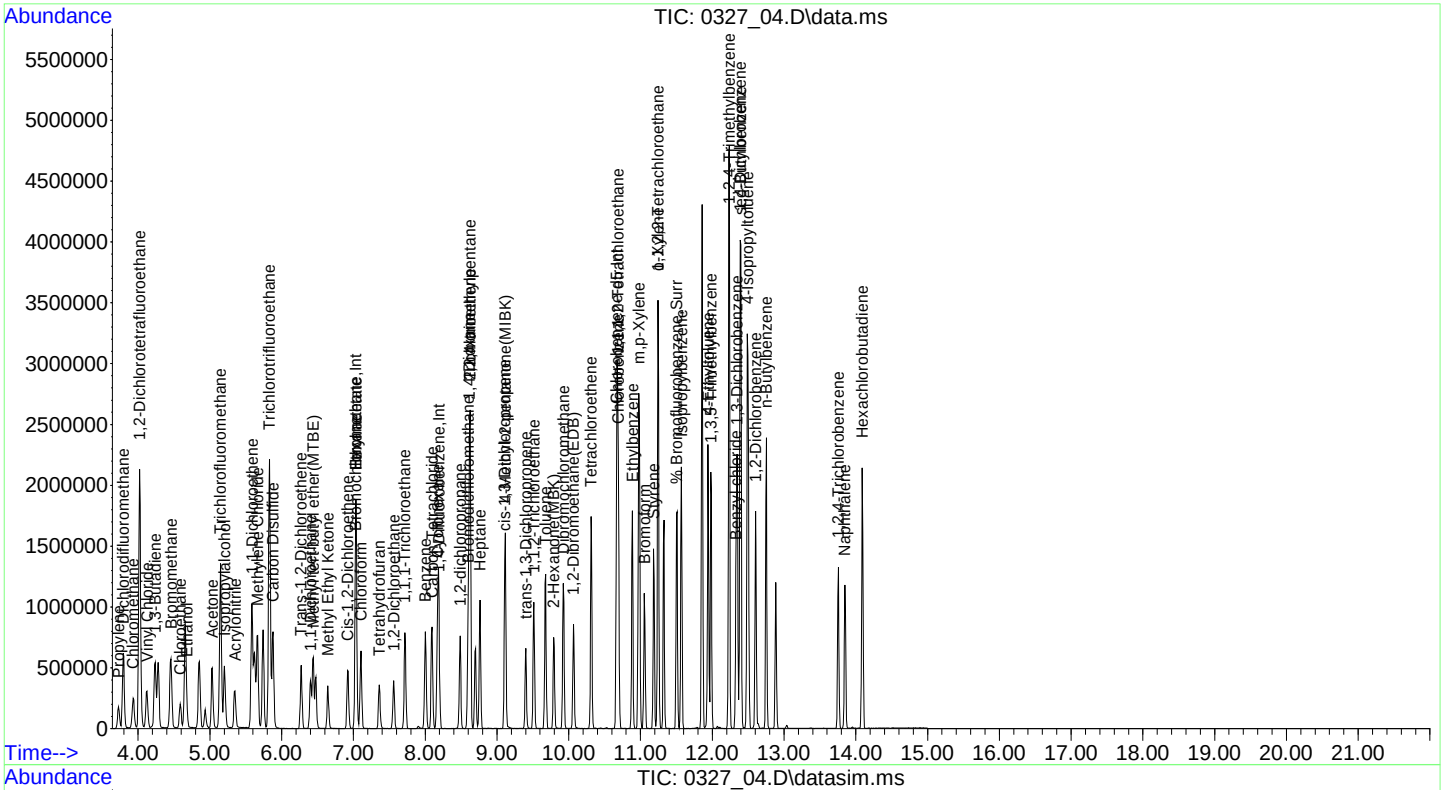
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110] sec-Butylbenzene(sim)	12.392	105	1673654	9.213	ppbv	94
111] 4-Isopropyltoluene(sim)	12.488	119	1269142	8.572	ppbv#	82
112] 1,2-Dichlorobenzene(sim)	12.605	146	701960	7.962	ppbv	94
113] n-Butylbenzene(sim)	12.754	91	1049754	8.432	ppbv	98
114] 1,2,4-Trichlorobenzene...	13.752	180	402577	5.109	ppbv	99
116] Hexachlorobutadiene(sim)	14.093	225	352976	4.889	ppbv	99

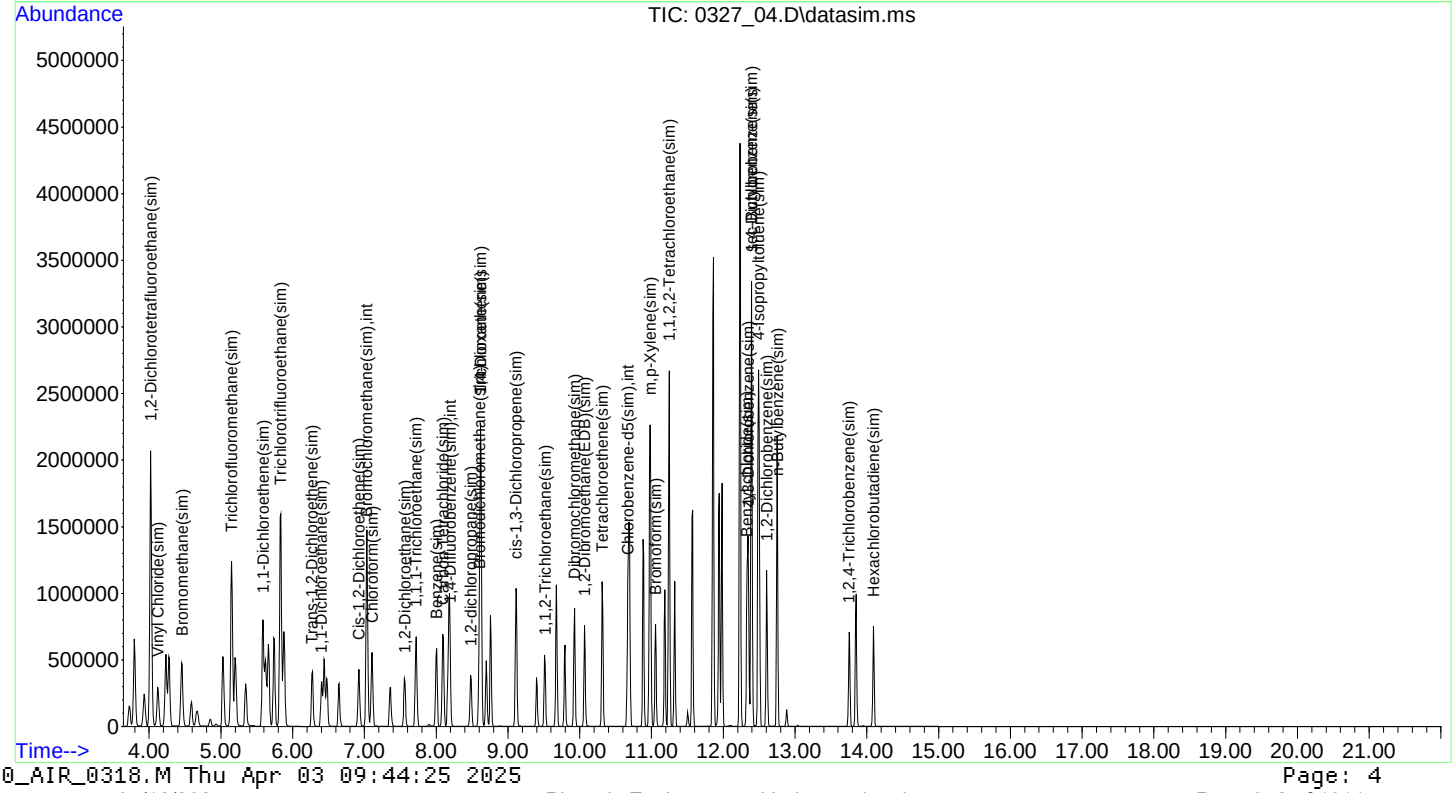
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_04.D
Acq On : 27 Mar 2025 2:02 pm
Operator :
Client ID : CS91405 LCS
Lab ID : CS91405 LCS
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 11:04:27 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS91405 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 BL

Canister: BL Lab File ID: 0327_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.580	U	0.580	0.580	r
75-71-8	Dichlorodifluoromethane	0.200	U	0.200	0.200	r
74-87-3	Chloromethane	0.480	U	0.480	0.480	r
106-99-0	1,3-Butadiene	0.450	U	0.450	0.450	r
75-00-3	Chloroethane	0.380	U	0.380	0.380	r
64-17-5	Ethanol	0.530	U	0.530	0.530	r
67-64-1	Acetone	0.420	U	0.420	0.420	r
67-63-0	Isopropylalcohol	0.410	U	0.410	0.410	r
107-13-1	Acrylonitrile	0.460	U	0.460	0.460	r
75-09-2	Methylene Chloride	0.860	U	0.860	0.860	r
75-15-0	Carbon Disulfide	0.320	U	0.320	0.320	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.280	U	0.280	0.280	r
78-93-3	Methyl Ethyl Ketone	0.340	U	0.340	0.340	r
110-54-3	Hexane	0.280	U	0.280	0.280	r
141-78-6	Ethyl acetate	0.280	U	0.280	0.280	r
109-99-9	Tetrahydrofuran	0.340	U	0.340	0.340	r
110-82-7	Cyclohexane	0.290	U	0.290	0.290	r
540-84-1	2,2,4-trimethylpentane	0.210	U	0.210	0.210	r
142-82-5	Heptane	0.240	U	0.240	0.240	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.240	U	0.240	0.240	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.270	U	0.270	0.270	r
591-78-6	2-Hexanone(MBK)	0.240	U	0.240	0.240	r
630-20-6	1,1,1,2-Tetrachloroethane	0.150	U	0.150	0.150	r
108-90-7	Chlorobenzene	0.220	U	0.220	0.220	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.230	U	0.230	0.230	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.200	U	0.200	0.200	r
622-96-8	4-Ethyltoluene	0.200	U	0.200	0.200	r
108-67-8	1,3,5-Trimethylbenzene	0.200	U	0.200	0.200	r
95-63-6	1,2,4-Trimethylbenzene	0.200	U	0.200	0.200	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.140	U	0.140	0.140	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.260	U	0.260	0.260	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: CS91405 BLANK

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 BL

Canister: BL Lab File ID: 0327_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.180	U	0.180	0.180	r
107-06-2	1,2-Dichloroethane(sim)	0.250	U	0.250	0.250	r
71-55-6	1,1,1-Trichloroethane(sim)	0.180	U	0.180	0.180	r
71-43-2	Benzene(sim)	0.310	U	0.310	0.310	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.050	U	0.050	0.050	r
76-13-1	Trichlorotrifluoroethane(sim)	0.130	U	0.130	0.130	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.250	U	0.250	0.250	r
75-34-3	1,1-Dichloroethane(sim)	0.250	U	0.250	0.250	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.050	U	0.050	0.050	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
78-87-5	1,2-dichloropropane(sim)	0.220	U	0.220	0.220	r
75-27-4	Bromodichloromethane(sim)	0.150	U	0.150	0.150	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.280	U	0.280	0.280	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)	0.180	U	0.180	0.180	r
124-48-1	Dibromochloromethane(sim)	0.120	U	0.120	0.120	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
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.150	U	0.150	0.150	r
100-44-7	Benzyl chloride(sim)	0.190	U	0.190	0.190	r
541-73-1	1,3-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
106-46-7	1,4-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
135-98-8	sec-Butylbenzene(sim)	0.180	U	0.180	0.180	r
99-87-6	4-Isopropyltoluene(sim)	0.180	U	0.180	0.180	r
95-50-1	1,2-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
104-51-8	n-Butylbenzene(sim)	0.180	U	0.180	0.180	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.130	U	0.130	0.130	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_05.D
Acq On : 27 Mar 2025 2:34 pm
Operator :
Client ID : CS91405 BLANK
Lab ID : CS91405 BLANK
ALS Vial : 2 Sample Multiplier: 1

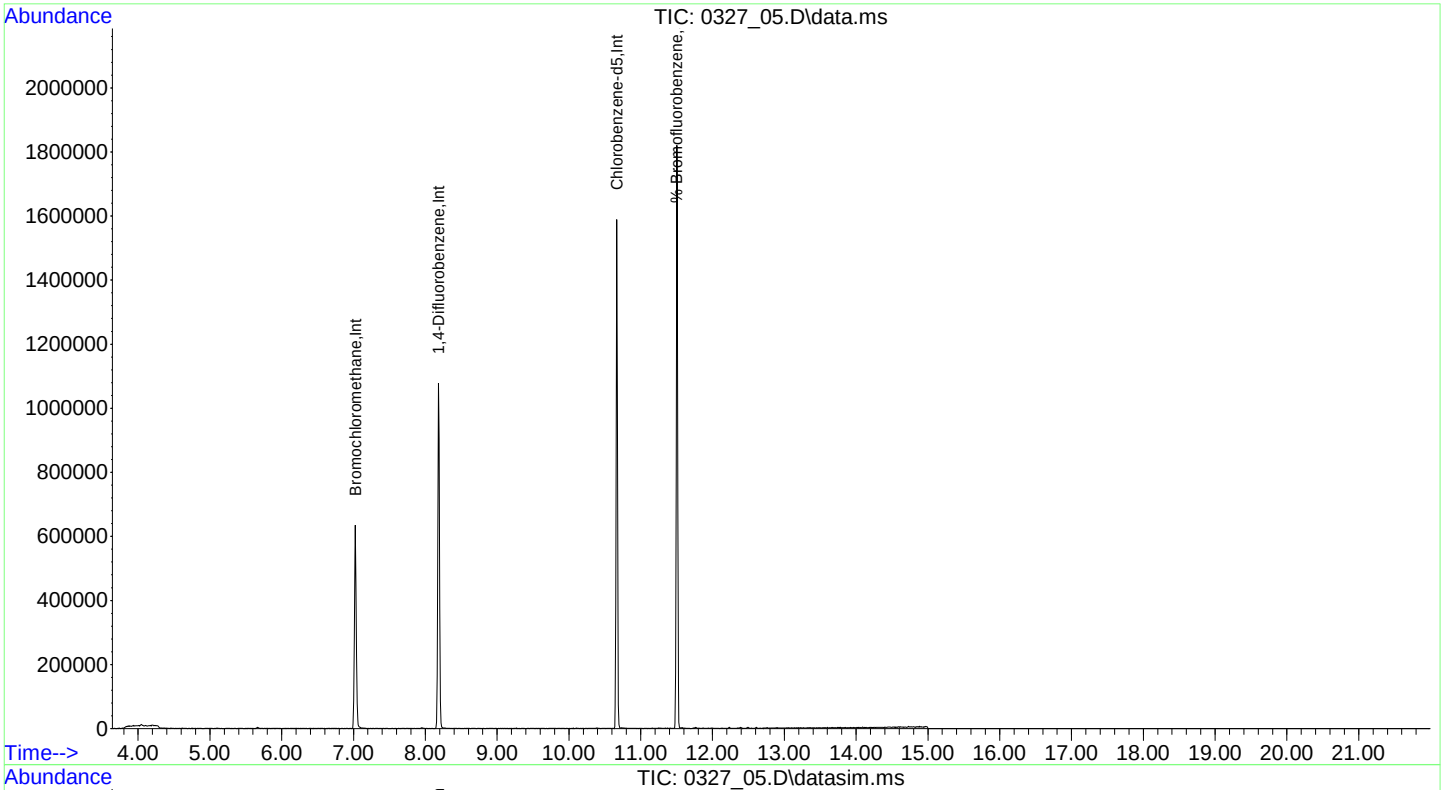
Quant Time: Mar 27 19:57:59 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

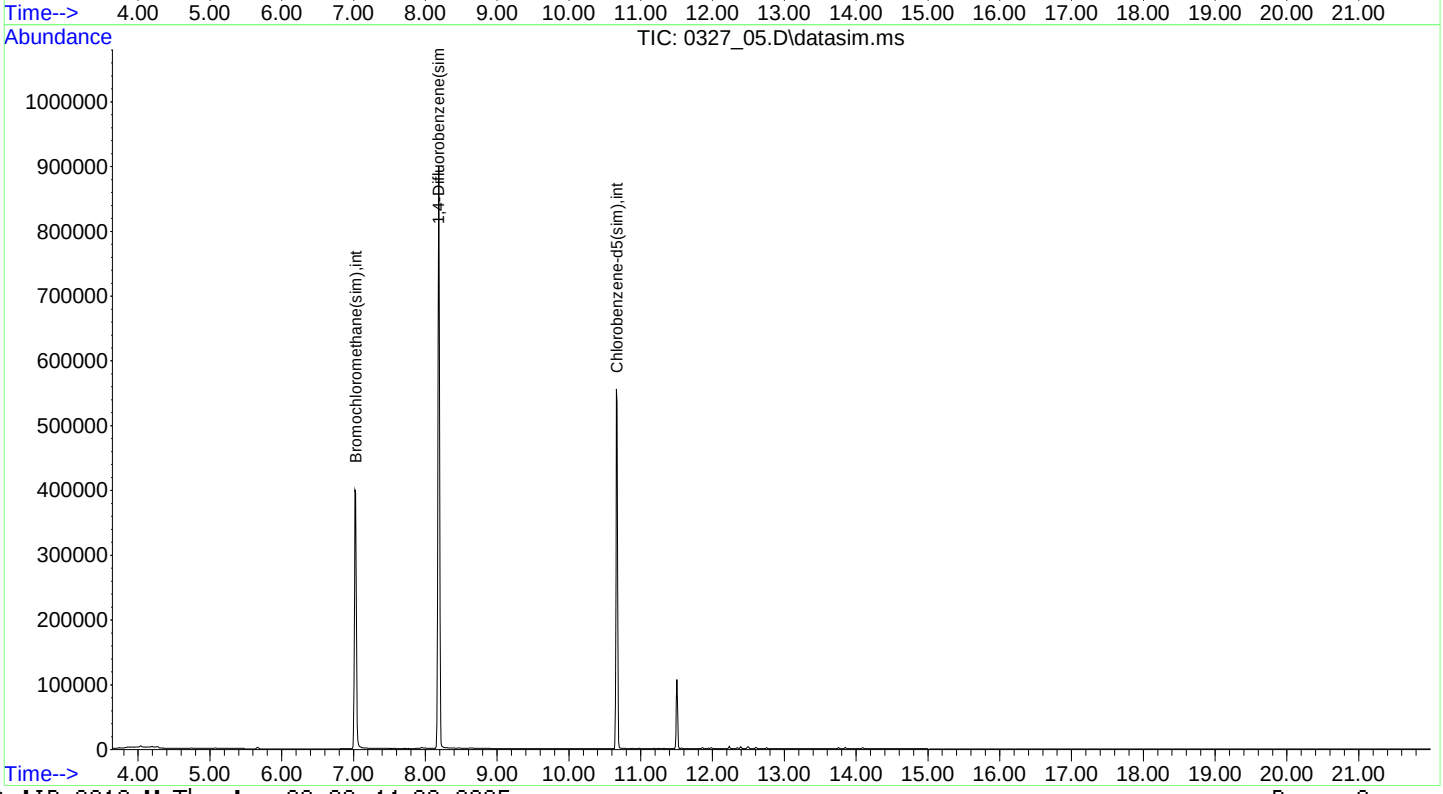
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	208032	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.183	114	750789	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	366715	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	238697	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.183	114	750791	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	366715	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	443610	10.990	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.90%				
Target Compounds							Qvalue

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

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_05.D
Acq On : 27 Mar 2025 2:34 pm
Operator :
Client ID : CS91405 BLANK
Lab ID : CS91405 BLANK
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 19:57:59 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: IA25-01 DUP

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 DUP

Canister: 18259 Lab File ID: 0327_08.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

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	0.477		0.202	0.202	r
74-87-3	Chloromethane	0.536		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	17.0	S	0.531	0.531	r
67-64-1	Acetone	5.22	S	0.421	0.421	r
67-63-0	Isopropylalcohol	1.80	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	6.17		0.339	0.339	r
110-54-3	Hexane	1.13	S	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
71-43-2	Benzene	0.826		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.406		0.215	0.215	r
142-82-5	Heptane	1.83		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	2.72		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.467		0.037	0.037	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
100-41-4	Ethylbenzene	1.01		0.230	0.230	r
179601-23-1	m,p-Xylene	3.08		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	1.15		0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	1.52		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.440		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	1.13		0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	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

IA25-01 DUP

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CS91405 DUP

Canister: 18259 Lab File ID: 0327_08.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 03/26/25

Purge Volume 200 (cc) Date Analyzed: 03/27/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	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
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
56-23-5	Carbon Tetrachloride(sim)	0.067		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)	0.061		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
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	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:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_08.D
Acq On : 27 Mar 2025 4:27 pm
Operator :
Client ID : IA25-01 DUP
Lab ID : CS91405 DUP
ALS Vial : 5 Sample Multiplier: 1

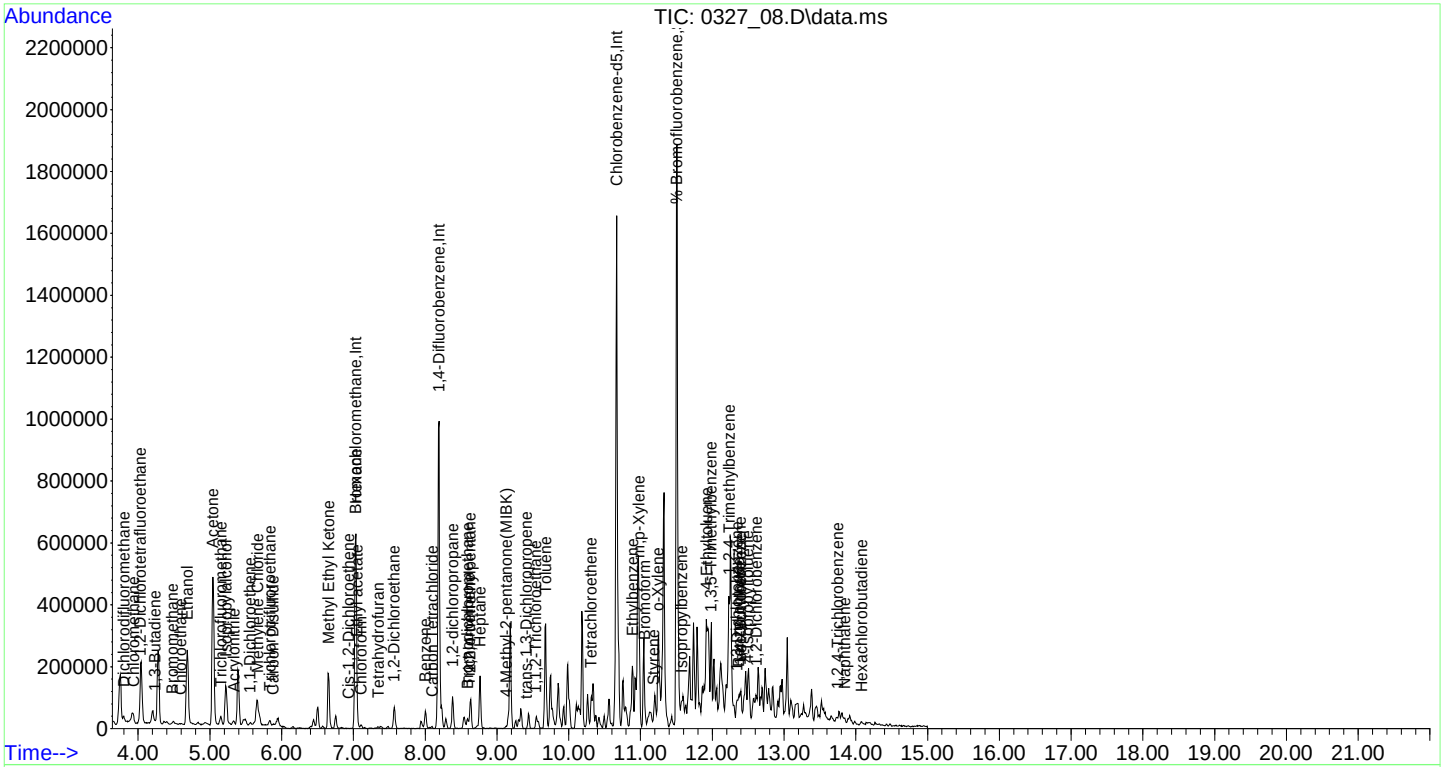
Quant Time: Mar 27 20:00:05 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration

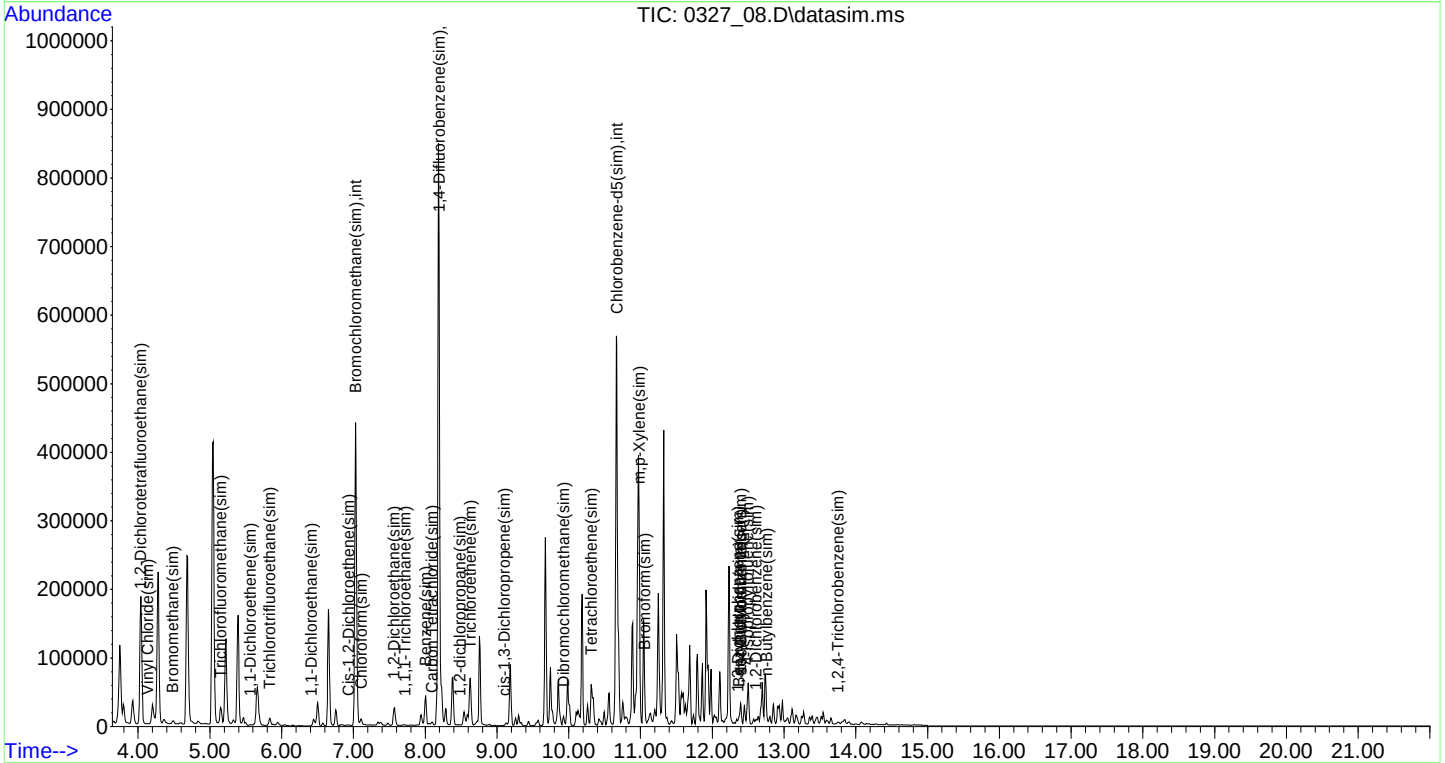
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	190087	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	695338	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	390810	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	218311	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	695338	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	390810	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.501	95	449423	10.447	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.800	85	27993	0.477	ppbv		96
4) Chloromethane	3.938	50	17043	0.536	ppbv		91
11) Ethanol	4.684	45	290766	17.029	ppbv#		39
12) Acetone	5.041	43	395445	5.221	ppbv#		82
14) Isopropylalcohol	5.220	45	147931	1.804	ppbv#		94
17) Methylene Chloride	5.664	49	24466	0.453	ppbv#		71
25) Methyl Ethyl Ketone	6.653	43	198603	6.174	ppbv#		92
27) Hexane	7.034	57	25643	1.133	ppbv		96
33) Benzene	8.002	78	39519	0.826	ppbv		94
34) Carbon Tetrachloride	8.097	117	2547	0.062	ppbv		82
39) Trichloroethene	8.616	130	1632	0.045	ppbv		92
43) Heptane	8.763	43	58880	1.833	ppbv		93
48) Toluene	9.677	91	197578	2.723	ppbv#		98
52) Tetrachloroethene	10.311	166	20217	0.467	ppbv		97
56) Ethylbenzene	10.887	91	95368	1.005	ppbv		82
57) m,p-Xylene	10.978	91	227187	3.085	ppbv		100
61) o-Xylene	11.243	91	92943	1.148	ppbv#		88
65) 4-Ethyltoluene	11.918	105	172047	1.515	ppbv		91
66) 1,3,5-Trimethylbenzene	11.979	105	40374	0.440	ppbv#		88
67) 1,2,4-Trimethylbenzene	12.237	105	123473	1.127	ppbv#		86
85] Benzene(sim)	8.002	78	39519	0.718	ppbv		94
86] Carbon Tetrachloride(sim)	8.091	117	2959	0.067	ppbv		99
96] Trichloroethene(sim)	8.627	130	1987	0.061	ppbv		90
102] Tetrachloroethene(sim)	10.314	166	24377	0.557	ppbv		93
105] m,p-Xylene(sim)	10.978	91	227809	2.888	ppbv#		93

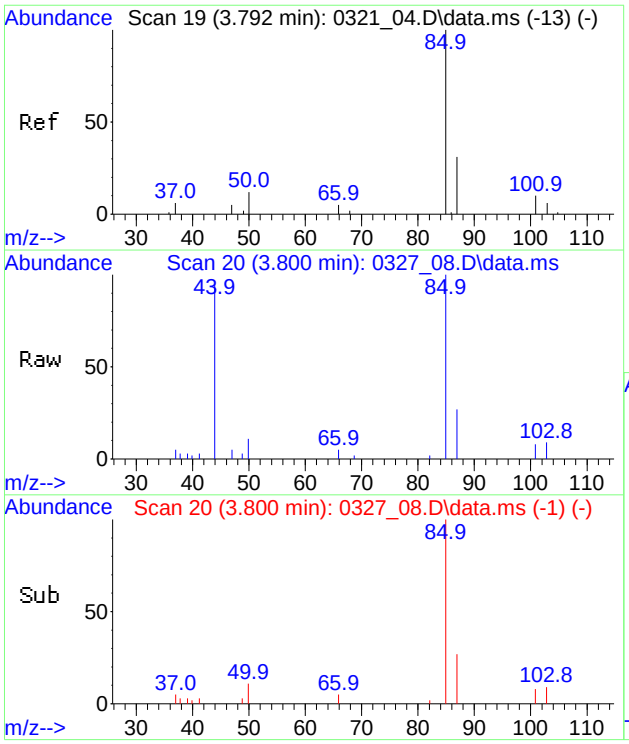
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM20\03MAR\26\
Data File : 0327_08.D
Acq On : 27 Mar 2025 4:27 pm
Operator :
Client ID : IA25-01 DUP
Lab ID : CS91405 DUP
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 27 20:00:05 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Mar 27 05:31:32 2025
Response via : Initial Calibration



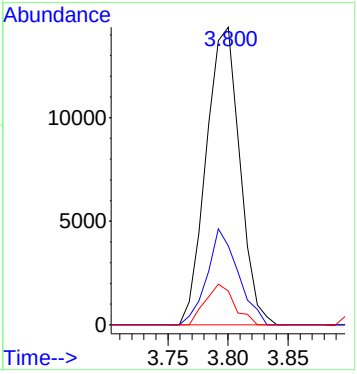


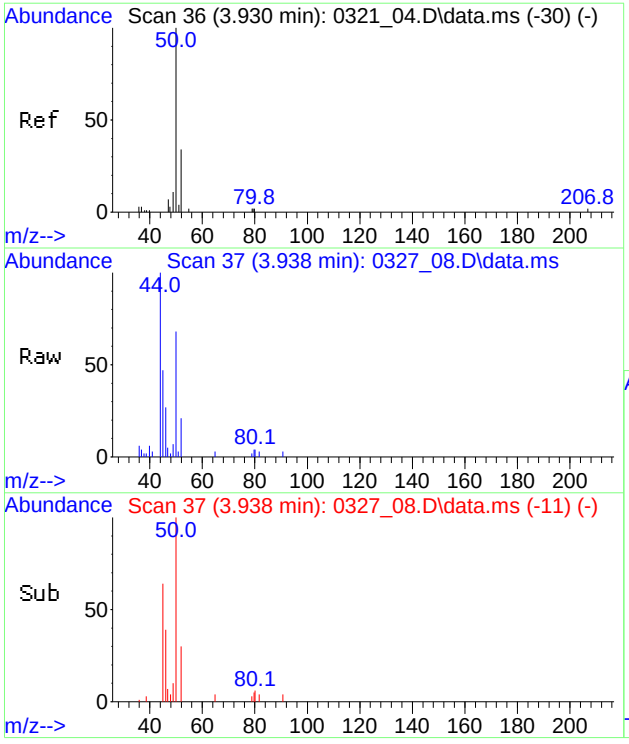


#3
Dichlorodifluoromethane
Conc: 8$ 0.477 ppbv
RT: 3.800 min Scan# 20
Delta R.T. 0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 85 Resp: 27993

Ion	Ratio	Lower	Upper
85	100		
87	29.8	25.8	38.8
50	11.9	10.6	15.8

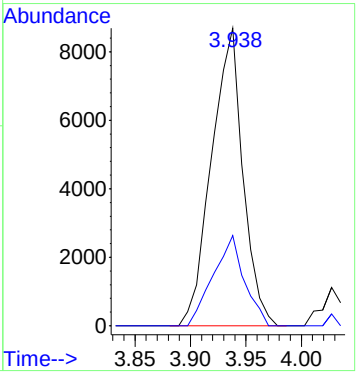


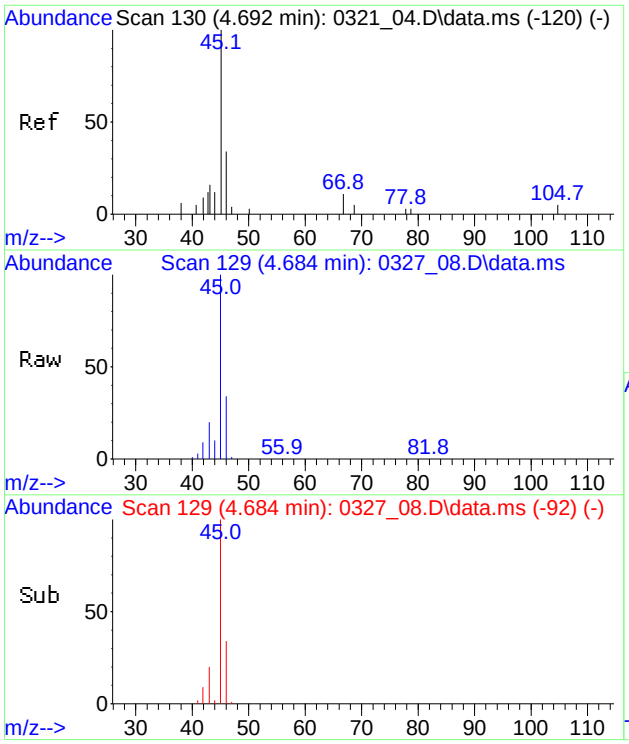


#4
Chloromethane
Conc: 8$ 0.536 ppbv
RT: 3.938 min Scan# 37
Delta R.T. 0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 50 Resp: 17043

Ion	Ratio	Lower	Upper
50	100		
52	30.2	15.5	55.5

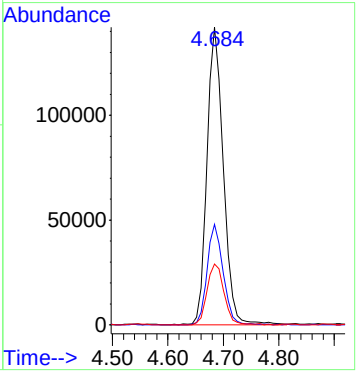


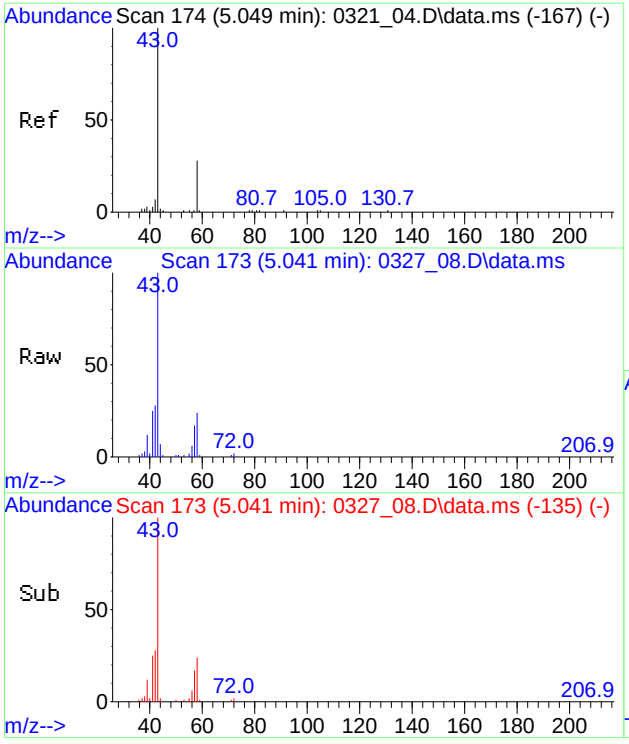


#11
Ethanol
Conc: 8$ 17.029 ppbv
RT: 4.684 min Scan# 129
Delta R.T. 0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 45 Resp: 290766

Ion	Ratio	Lower	Upper
45	100		
46	32.9	0.6	0.8#
43	21.3	0.0	0.0#

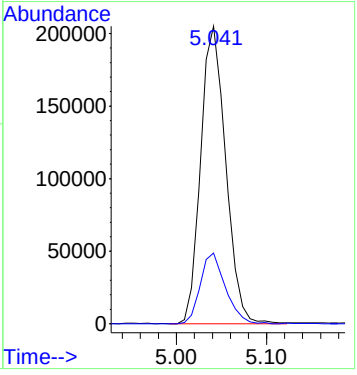


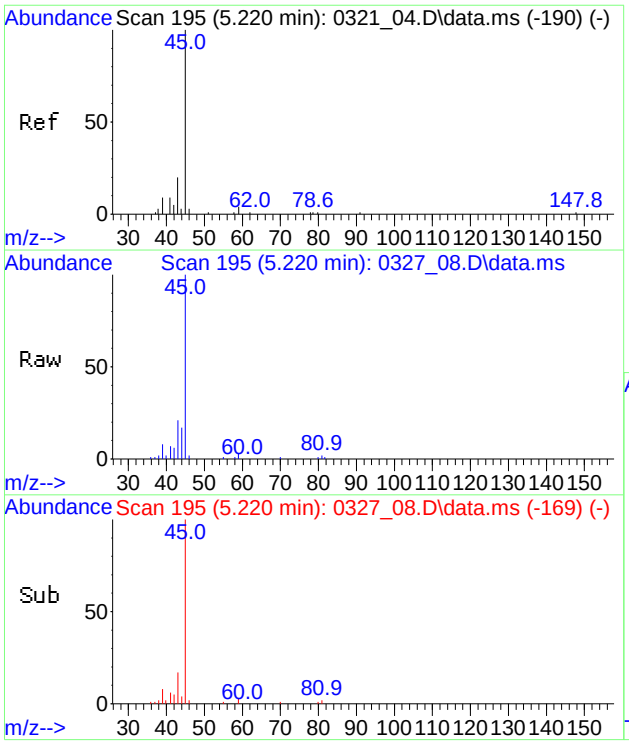


#12
Acetone
Conc: 8$ 5.221 ppbv
RT: 5.041 min Scan# 173
Delta R.T. 0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 43 Resp: 395445

Ion	Ratio	Lower	Upper
43	100		
58	23.8	0.2	0.2#

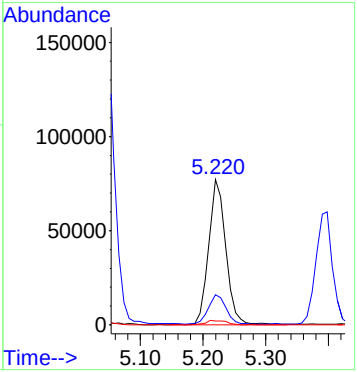


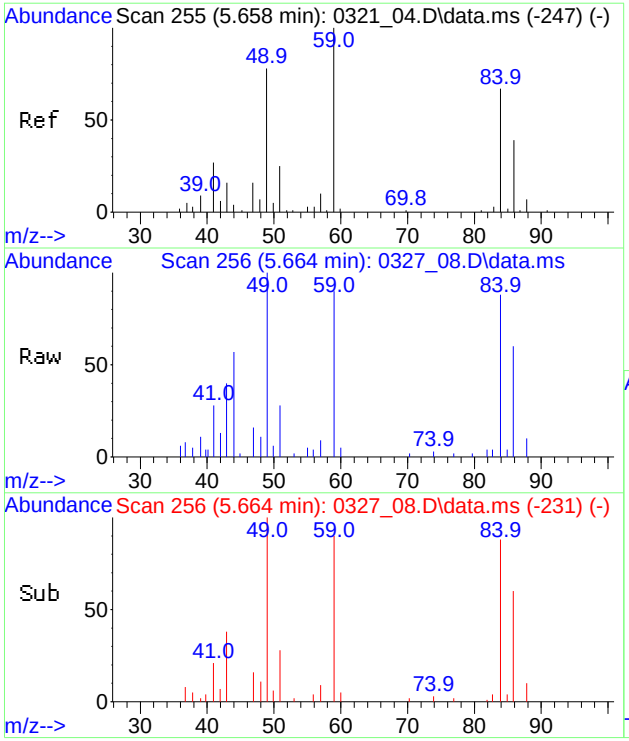


#14
Isopropylalcohol
Conc: 8$ 1.804 ppbv
RT: 5.220 min Scan# 195
Delta R.T. 0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 45 Resp: 147931

Ion	Ratio	Lower	Upper
45	100		
43	20.8	0.0	0.0#
59	3.7	0.6	1.0#

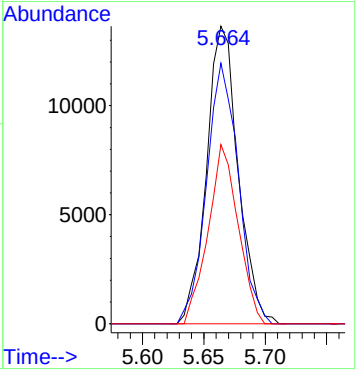


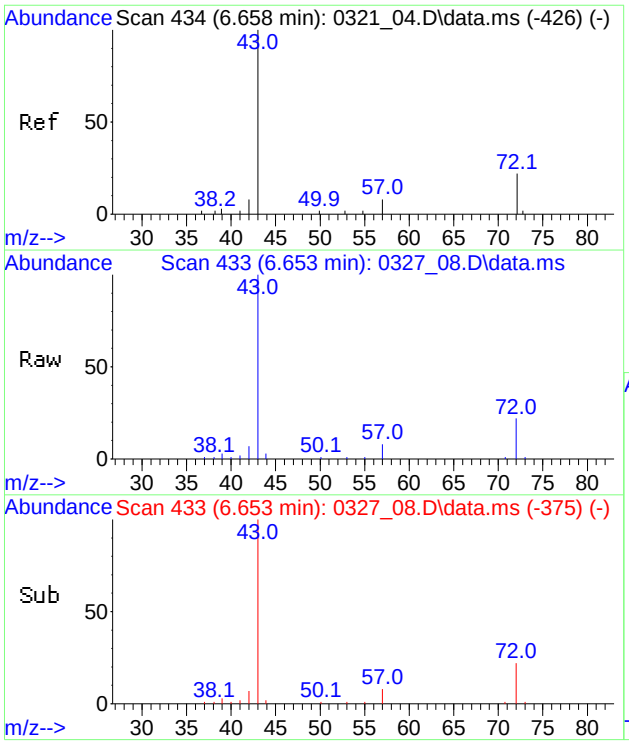


#17
Methylene Chloride
Conc: 8$ 0.453 ppbv
RT: 5.664 min Scan# 256
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 49 Resp: 24466

Ion	Ratio	Lower	Upper
49	100		
84	88.1	50.1	75.1#
86	57.2	33.8	50.8#

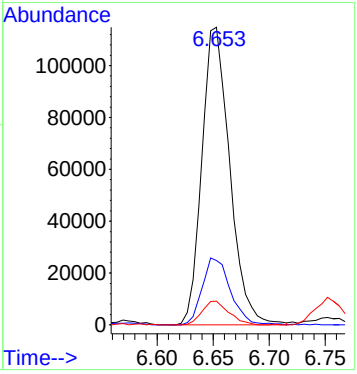


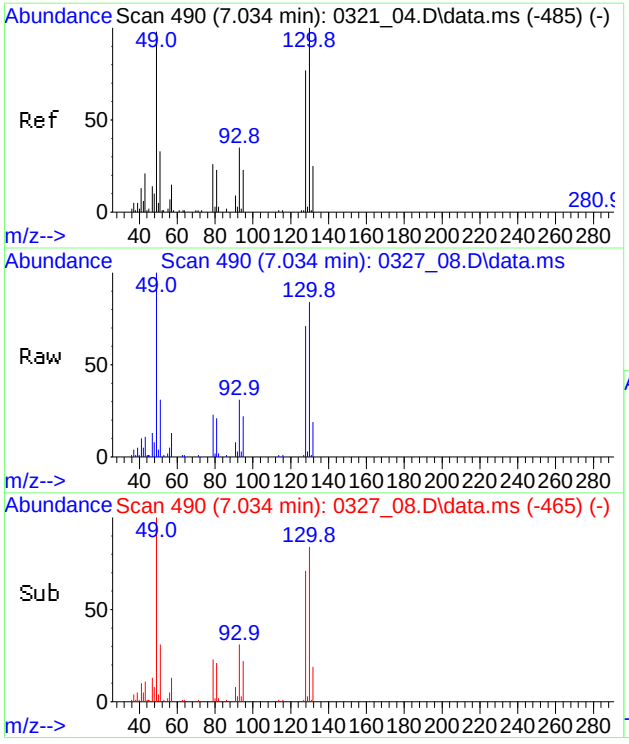


#25
Methyl Ethyl Ketone
Conc: 8$ 6.174 ppbv
RT: 6.653 min Scan# 433
Delta R.T. 0.005 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 43 Resp: 198603

Ion	Ratio	Lower	Upper
43	100		
72	22.6	0.0	0.0#
57	7.6	0.2	0.4#

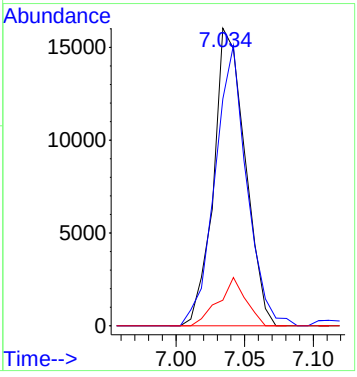


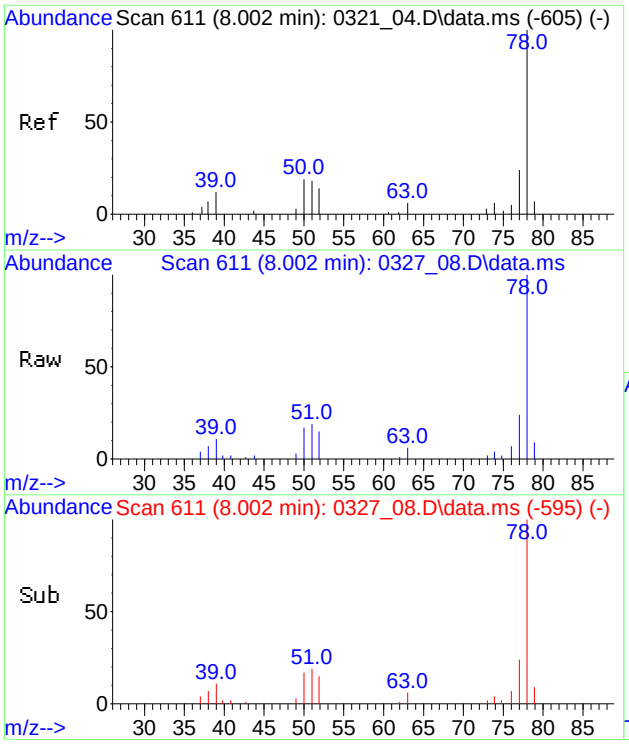


#27
Hexane
Conc: 8$ 1.133 ppbv
RT: 7.034 min Scan# 490
Delta R.T. -0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 57 Resp: 25643

Ion	Ratio	Lower	Upper
57	100		
41	94.9	73.0	109.6
86	14.0	9.8	14.8

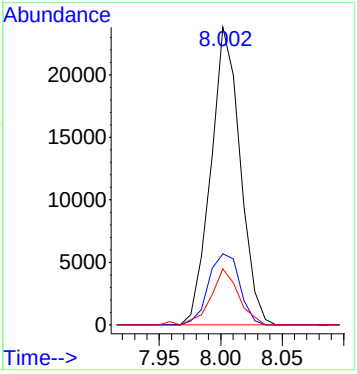


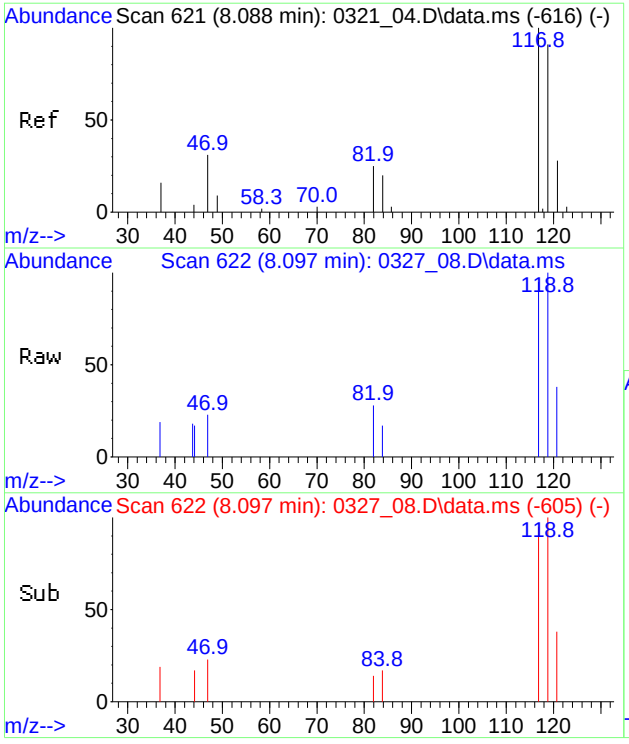


#33
Benzene
Conc: 8$ 0.826 ppbv
RT: 8.002 min Scan# 611
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 78 Resp: 39519

Ion	Ratio	Lower	Upper
78	100		
77	25.4	17.4	26.0
51	18.0	15.8	23.6

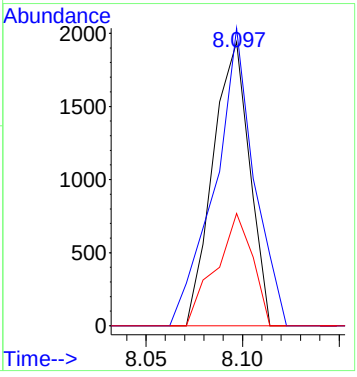


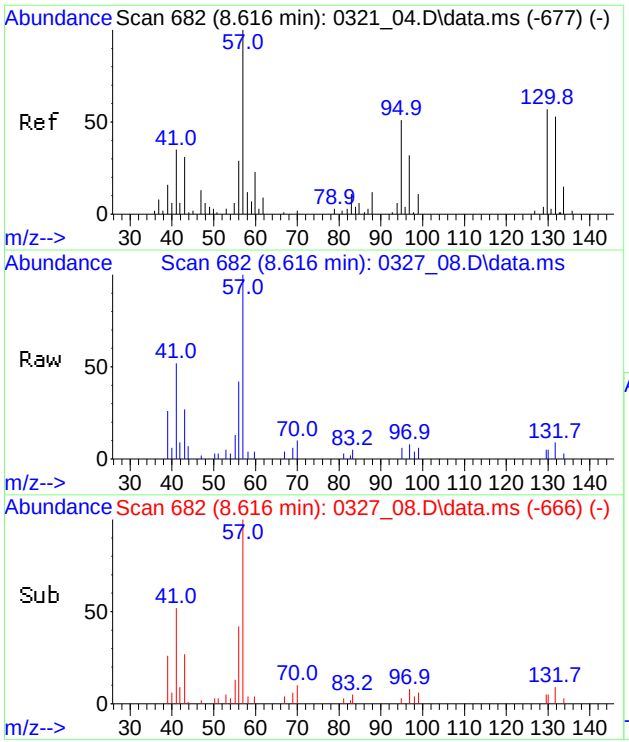


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.097 min Scan# 622
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:117 Resp: 2547

Ion	Ratio	Lower	Upper
117	100		
119	112.9	74.9	114.9
121	39.8	11.2	51.2

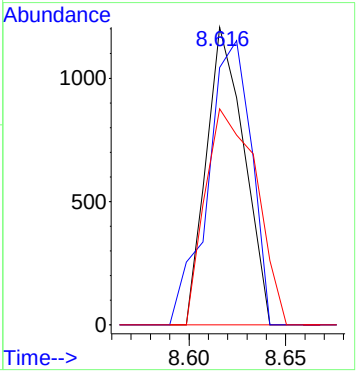


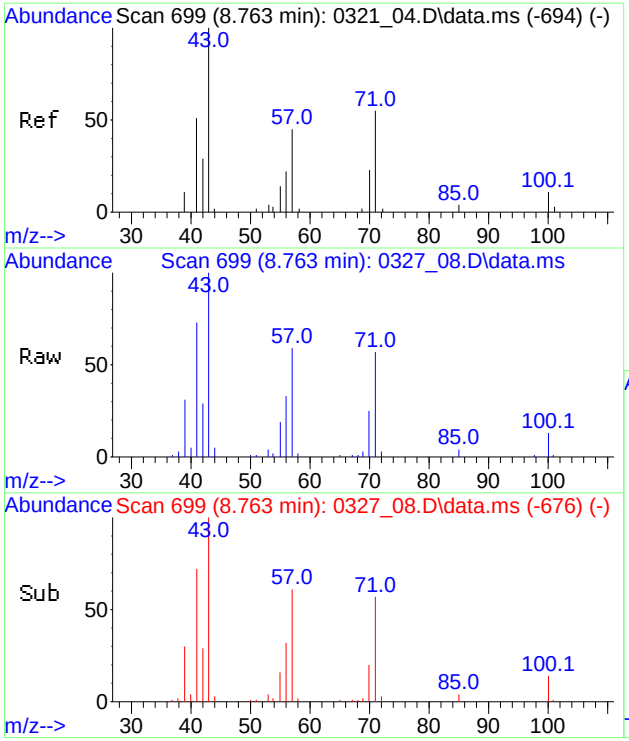


#39
Trichloroethene
Conc: 8$ Below Cal
RT: 8.616 min Scan# 682
Delta R.T. -0.009 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:130 Resp: 1632

Ion	Ratio	Lower	Upper
130	100		
132	110.3	88.3	132.5
97	98.3	65.9	98.9

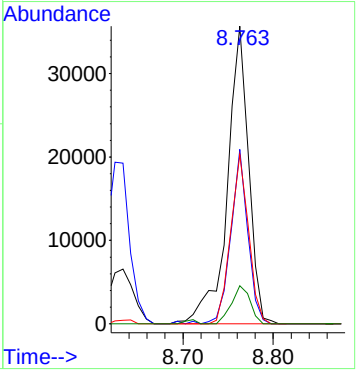


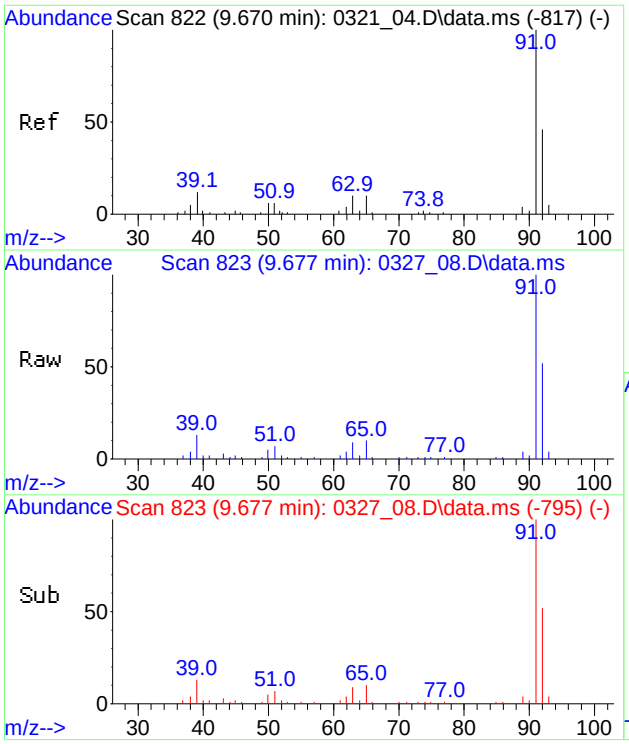


#43
Heptane
Conc: 8$ 1.833 ppbv
RT: 8.763 min Scan# 699
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 43 Resp: 58880

Ion	Ratio	Lower	Upper
43	100		
57	46.5	39.4	59.0
71	47.8	44.5	66.7
100	11.2	8.2	12.2

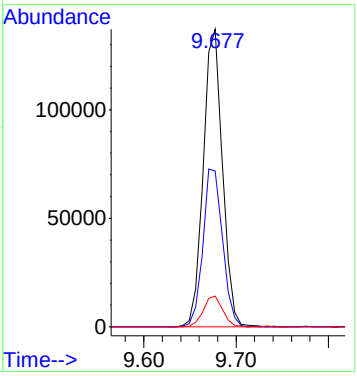


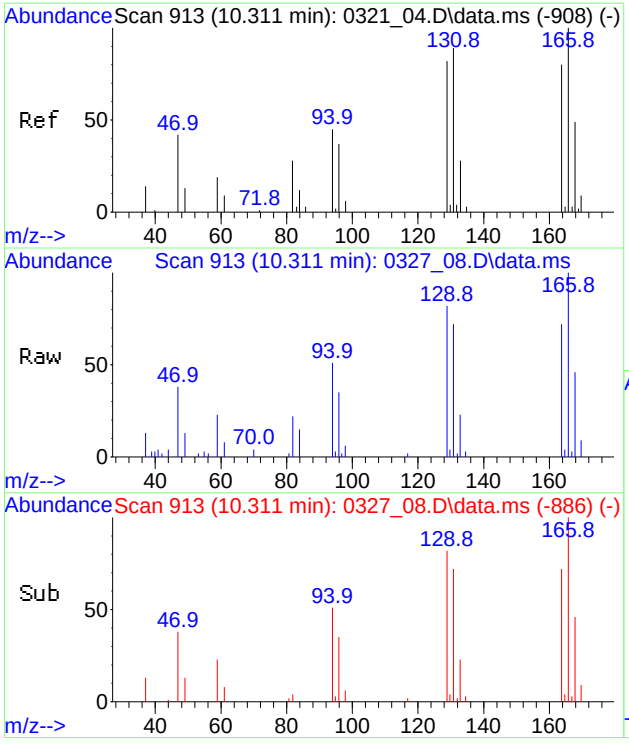


#48
Toluene
Conc: 8$ 2.723 ppbv
RT: 9.677 min Scan# 823
Delta R.T. 0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 91 Resp: 197578

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.8	65.8
65	10.5	10.6	16.0#

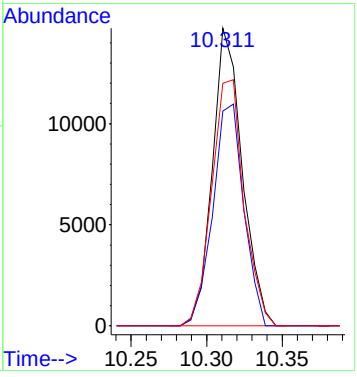


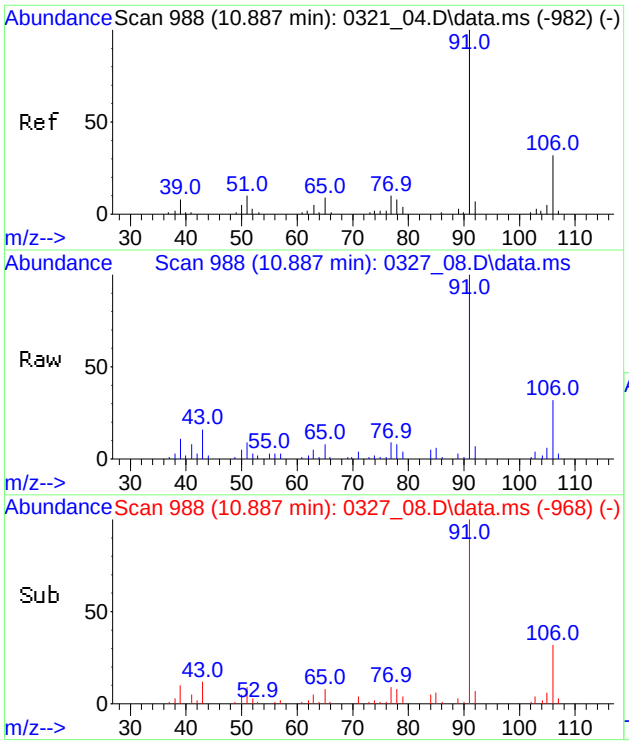


#52
Tetrachloroethene
Conc: 8$ 0.467 ppbv
RT: 10.311 min Scan# 913
Delta R.T. -0.007 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:166 Resp: 20217

Ion	Ratio	Lower	Upper
166	100		
164	77.4	63.4	95.2
129	89.4	68.4	102.6

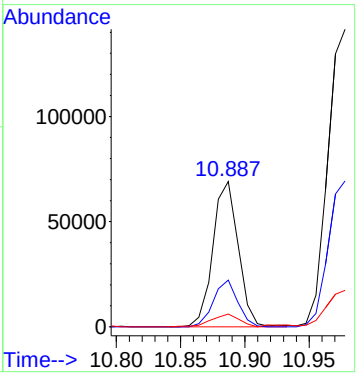


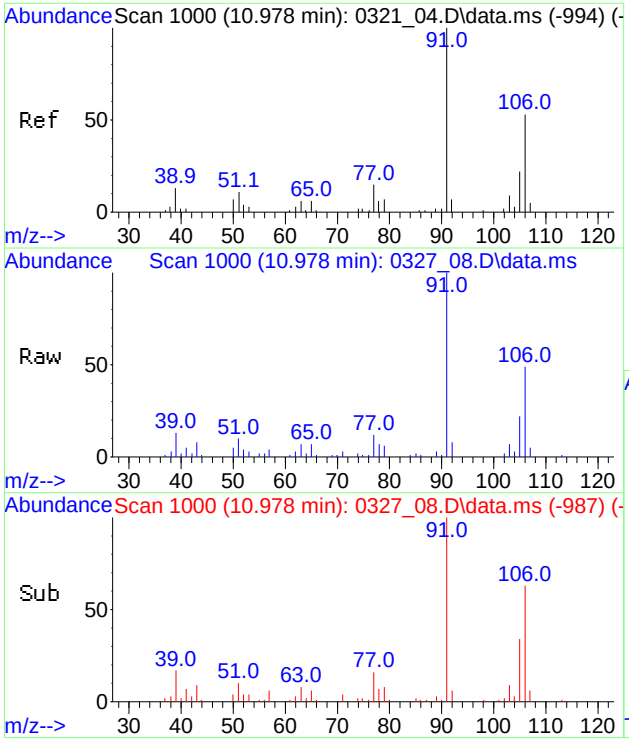


#56
Ethylbenzene
Conc: 8$ 1.005 ppbv
RT: 10.887 min Scan# 988
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 91 Resp: 95368

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.0	64.0
77	9.7	0.0	33.4

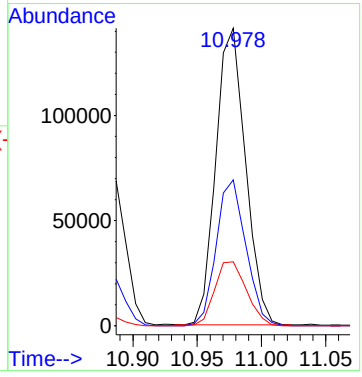


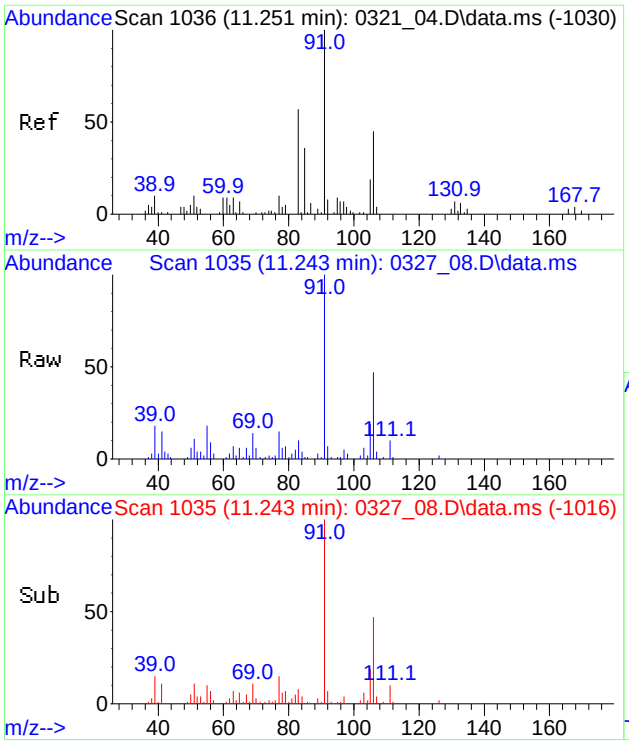


#57
m,p-Xylene
Conc: 8$ 3.085 ppbv
RT: 10.978 min Scan# 1000
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 91 Resp: 227187

Ion	Ratio	Lower	Upper
91	100		
106	49.1	0.0	0.0#
105	23.2	0.0	0.0#

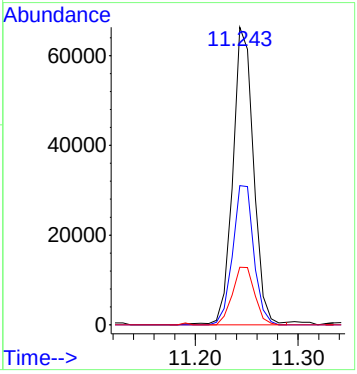


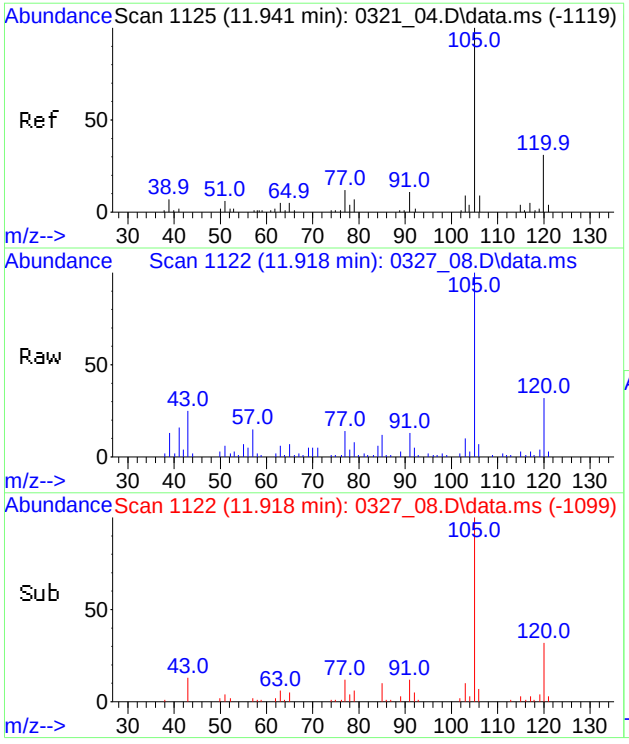


#61
o-Xylene
Conc: 8$ 1.148 ppbv
RT: 11.243 min Scan# 1035
Delta R.T. -0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 91 Resp: 92943

Ion	Ratio	Lower	Upper
91	100		
106	47.7	31.7	47.5#
105	20.7	13.4	20.0#

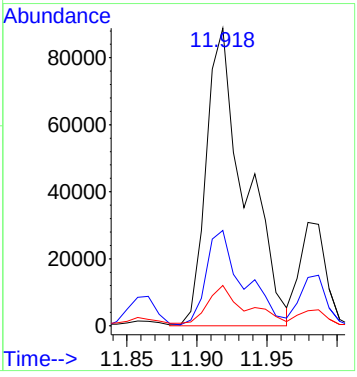


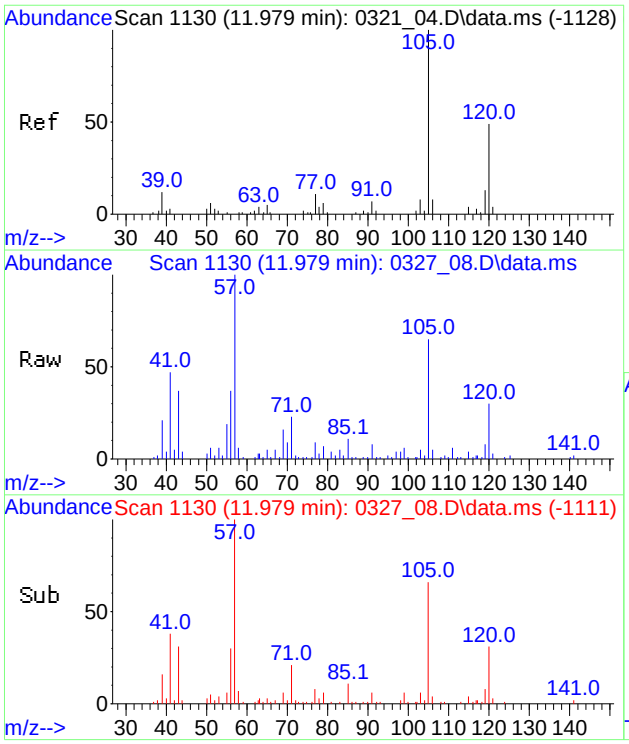


#65
4-Ethyltoluene
Conc: 8$ 1.515 ppbv
RT: 11.918 min Scan# 1122
Delta R.T. -0.023 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:105 Resp: 172047

Ion	Ratio	Lower	Upper
105	100		
120	31.4	30.2	45.4
77	11.8	10.5	15.7

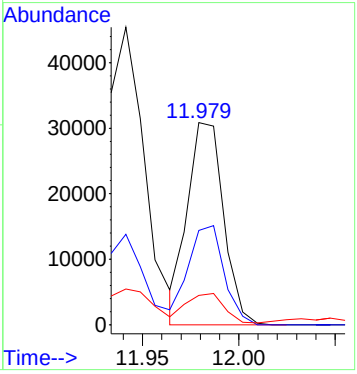


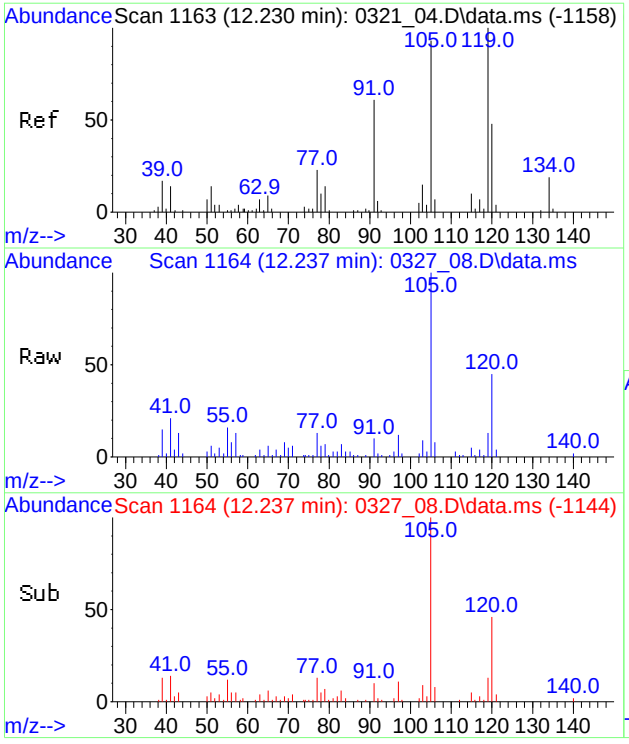


#66
1,3,5-Trimethylbenzene
Conc: 8$ 0.440 ppbv
RT: 11.979 min Scan# 1130
Delta R.T. -0.008 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:105 Resp: 40374

Ion	Ratio	Lower	Upper
105	100		
120	48.6	0.0	0.0#
77	15.1	0.2	0.2#

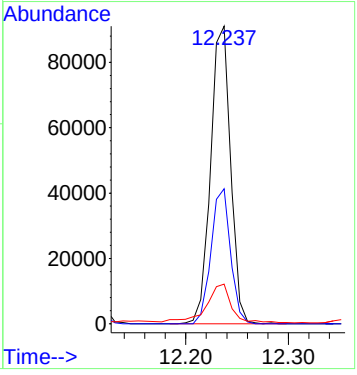


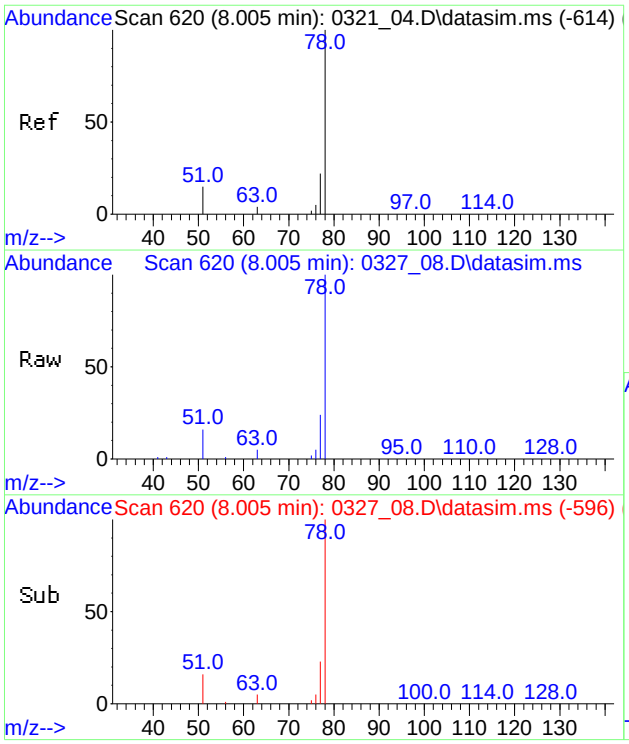


#67
1,2,4-Trimethylbenzene
Conc: 8$ 1.127 ppbv
RT: 12.237 min Scan# 1164
Delta R.T. 0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:105 Resp: 123473

Ion	Ratio	Lower	Upper
105	100		
120	44.2	39.4	59.2
77	16.4	23.9	35.9#

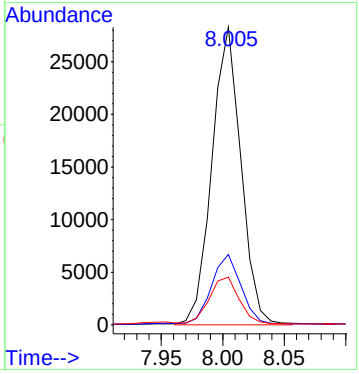


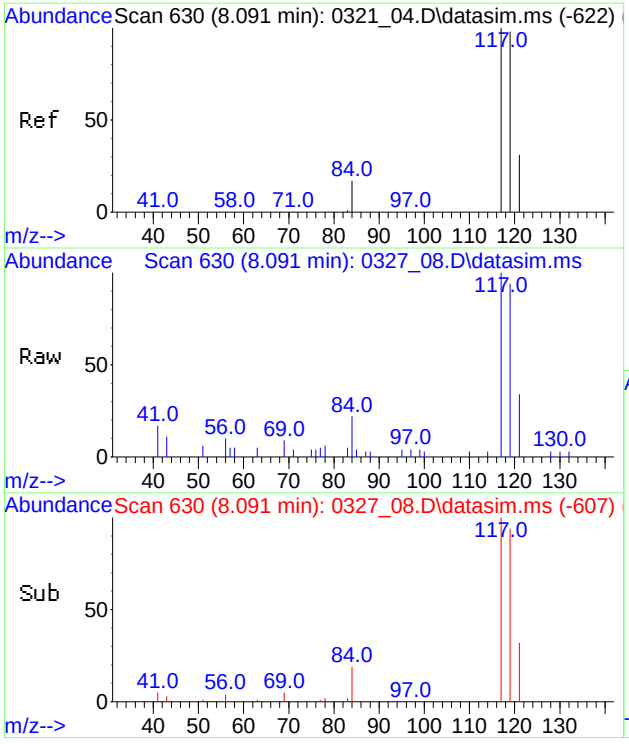


#85
Benzene(sim)
Conc: 8$ 0.718 ppbv
RT: 8.002 min Scan# 620
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 78 Resp: 39519

Ion	Ratio	Lower	Upper
78	100		
77	25.4	17.4	26.0
51	18.0	15.8	23.6

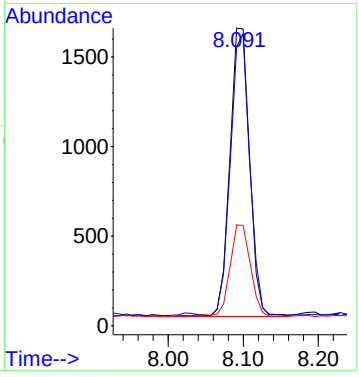


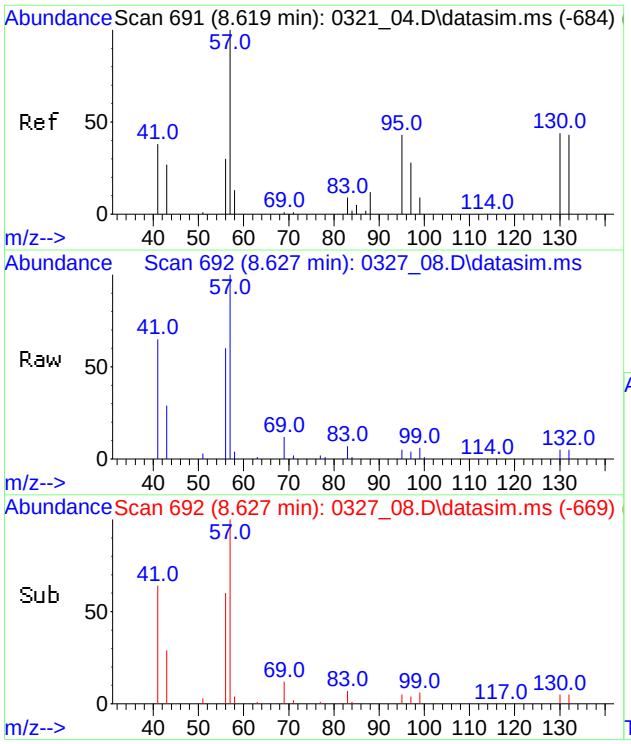


#86
Carbon Tetrachloride(sim)
Conc: 8$ 0.067 ppbv
RT: 8.091 min Scan# 630
Delta R.T. 0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:117 Resp: 2959

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	115.0
121	33.4	24.2	36.4

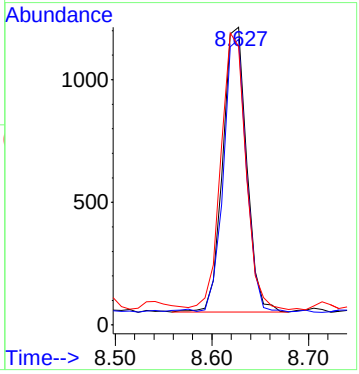


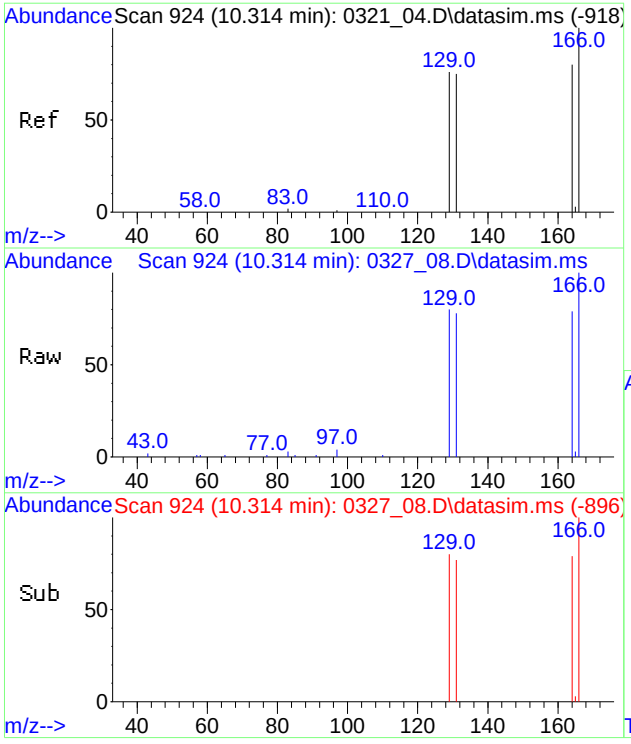


#96
Trichloroethene(sim)
Conc: 8$ 0.061 ppbv
RT: 8.627 min Scan# 692
Delta R.T. 0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:130 Resp: 1987

Ion	Ratio	Lower	Upper
130	100		
132	92.8	78.4	117.6
95	100.7	92.6	138.8

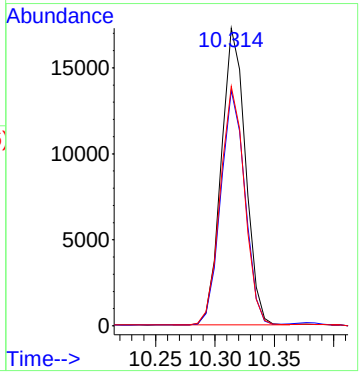


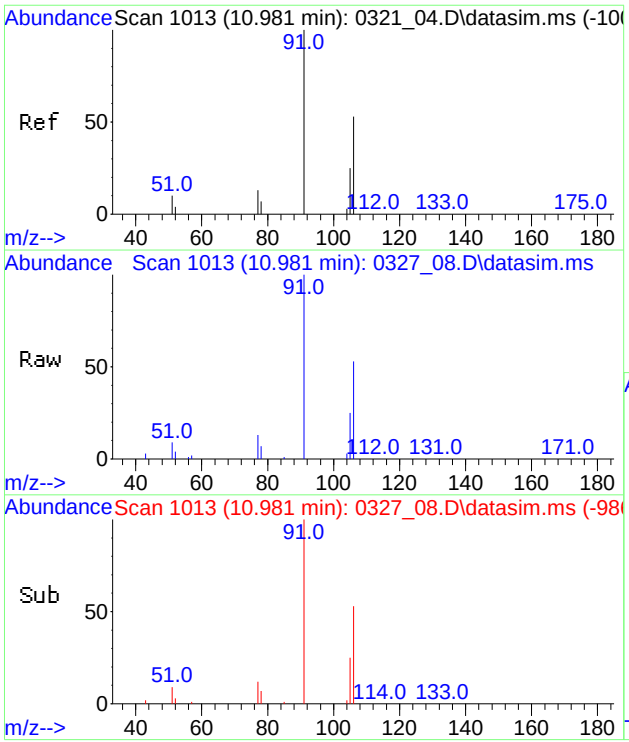


#102
Tetrachloroethene(sim)
Conc: 8$ 0.557 ppbv
RT: 10.314 min Scan# 924
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion:166 Resp: 24377

Ion	Ratio	Lower	Upper
166	100		
164	78.9	54.6	94.6
129	80.2	52.2	92.2

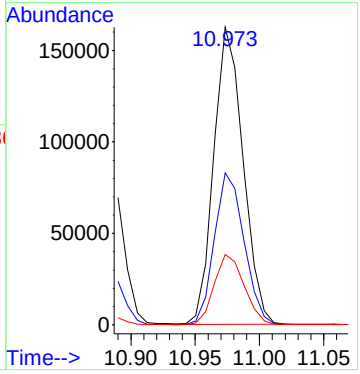




#105
m,p-Xylene(sim)
Conc: 8$ 2.888 ppbv
RT: 10.978 min Scan# 1013
Delta R.T. -0.000 min
Lab File: 0327_08.D
Acq: 27 Mar 2025 4:27 pm

Tgt Ion: 91 Resp: 227809

Ion	Ratio	Lower	Upper
91	100		
106	49.0	39.6	48.4#
105	23.1	16.6	24.8



1

CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3801

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3801

Canister: CANBL Lab File ID: 0305_21.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/06/25

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	0.531	U	0.531	0.531	r
67-64-1	Acetone	0.526		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
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	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

CANISTER BLK 3801

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3801

Canister: CANBL Lab File ID: 0305_21.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/06/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	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
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 03, 2025

Batch Id: 3801

QC Canister Id: 1119

SDG ID: GCS91392

Sample Canister Ids: 28565

Certification Date: 03/06/25 4:03 AM

Data File: H:\AIR2025\CHEM24\03MAR\05\0305_21.D\0305_21-24_AIR_0226.rr

Project ID: 135 KENT

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	0.526	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	<0.531	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:\AIR2025\CHEM24\03MAR\05\
Data File : 0305_21.D
Acq On : 6 Mar 2025 4:03 am
Operator : Keith
Client ID : CANISTER BLK 3801
Lab ID : CANISTER BLK 3801
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 06 08:59:29 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration

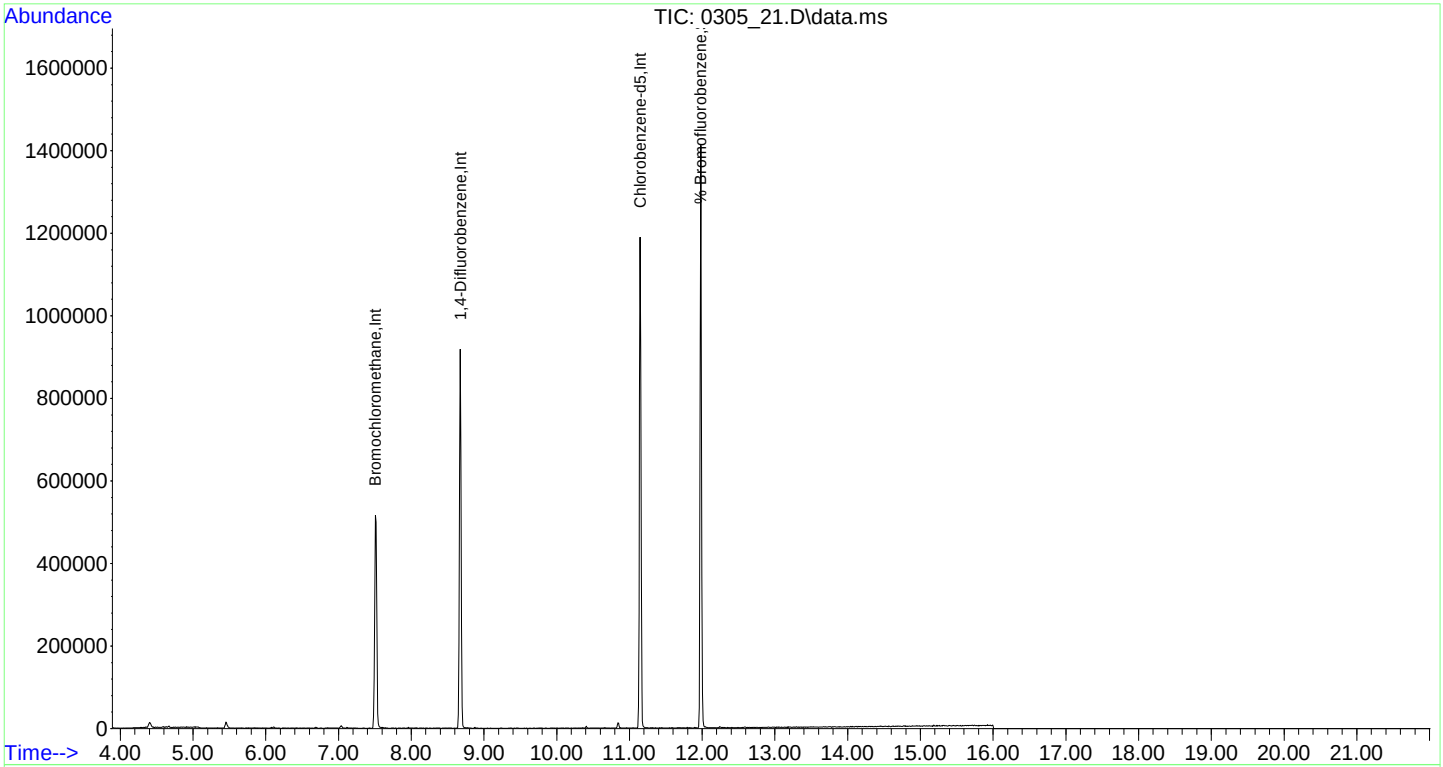
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	191837	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	639155	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	290772	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	195426	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	639155	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	290772	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	352069	9.573	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.70%			
Target Compounds							Qvalue
12) Acetone	5.455	43	16603	0.526	ppbv	#	80

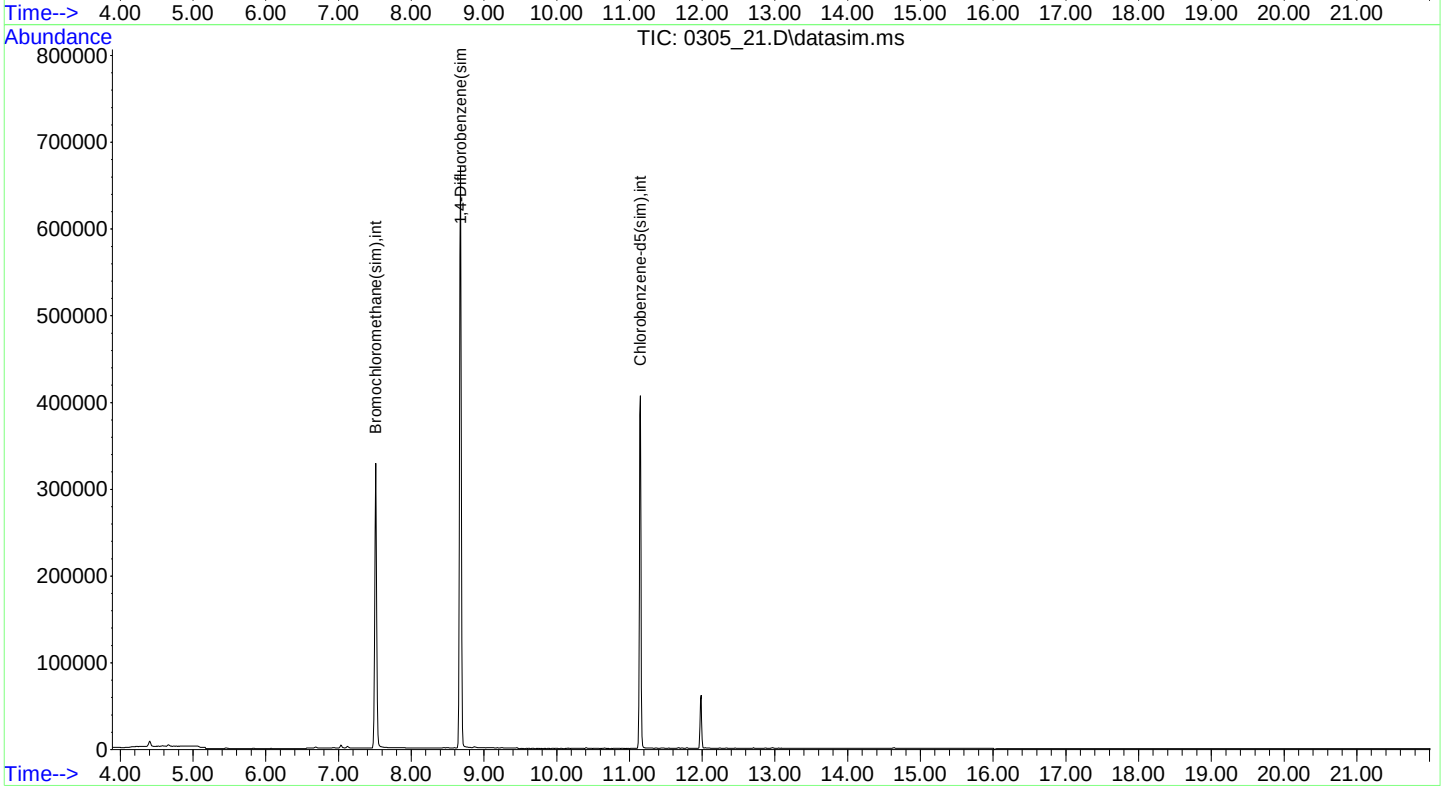
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

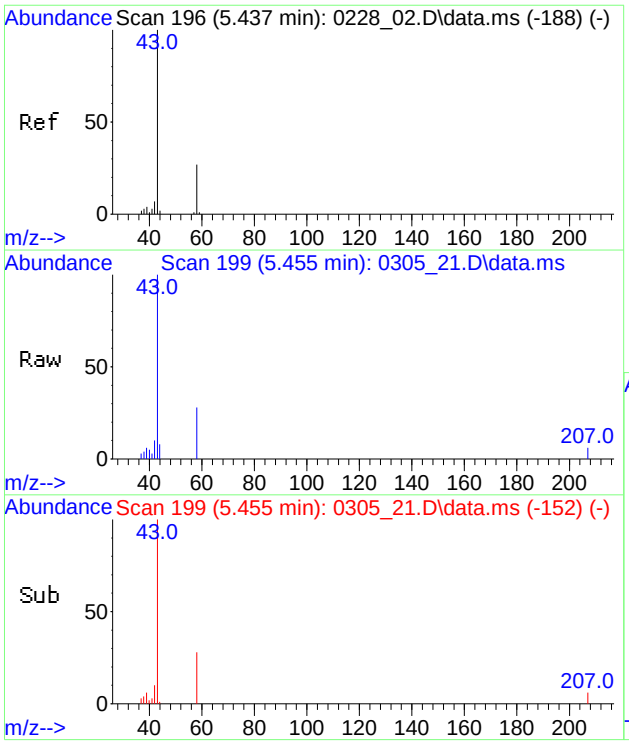
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\05\
Data File : 0305_21.D
Acq On : 6 Mar 2025 4:03 am
Operator : Keith
Client ID : CANISTER BLK 3801
Lab ID : CANISTER BLK 3801
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 06 08:59:29 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Thu Feb 27 09:52:46 2025
Response via : Initial Calibration



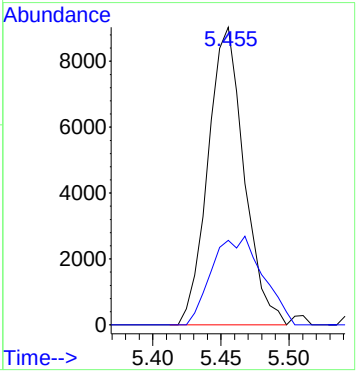




#12
Acetone
Conc: 8$ 0.526 ppbv
RT: 5.455 min Scan# 199
Delta R.T. 0.006 min
Lab File: 0305_21.D
Acq: 6 Mar 2025 4:03 am

Tgt Ion: 43 Resp: 16603

Ion	Ratio	Lower	Upper
43	100		
58	41.9	24.6	37.0#



CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3831

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3831

Canister: CANBL Lab File ID: 0318_32.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

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	0.531	U	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
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	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

CANISTER BLK 3831

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3831

Canister: CANBL Lab File ID: 0318_32.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	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
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 03, 2025

Batch Id: 3831

QC Canister Id: 833

SDG ID: GCS91392

Sample Canister Ids: 19960, 21362, 23346, 23350, 23871, 28552, 28568

Certification Date: 03/19/25 6:55 AM

Data File: H:\AIR2025\CHEM24\03MAR\17\0318_32.D\0318_32-24_AIR_0226.rr

Project ID: 135 KENT

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	<0.531	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:\AIR2025\CHEM24\03MAR\17\
Data File : 0318_32.D
Acq On : 19 Mar 2025 6:55 am
Operator : Keith
Client ID : CANISTER BLK 3831
Lab ID : CANISTER BLK 3831
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Mar 19 08:16:40 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 08:04:16 2025
Response via : Initial Calibration

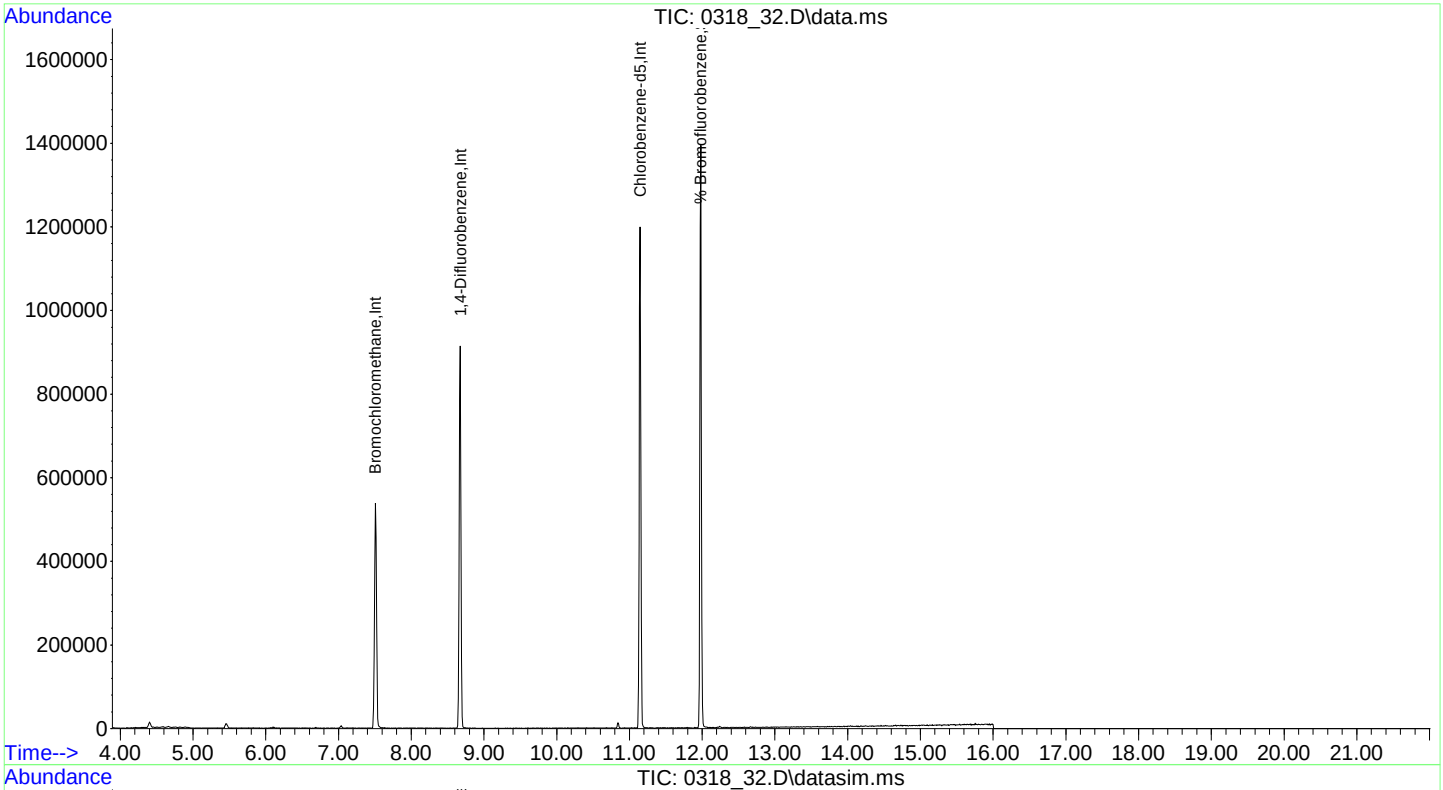
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	196904	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	660973	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	298806	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	200881	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	660973	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	298806	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	364501	9.645	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.40%				
Target Compounds							Qvalue

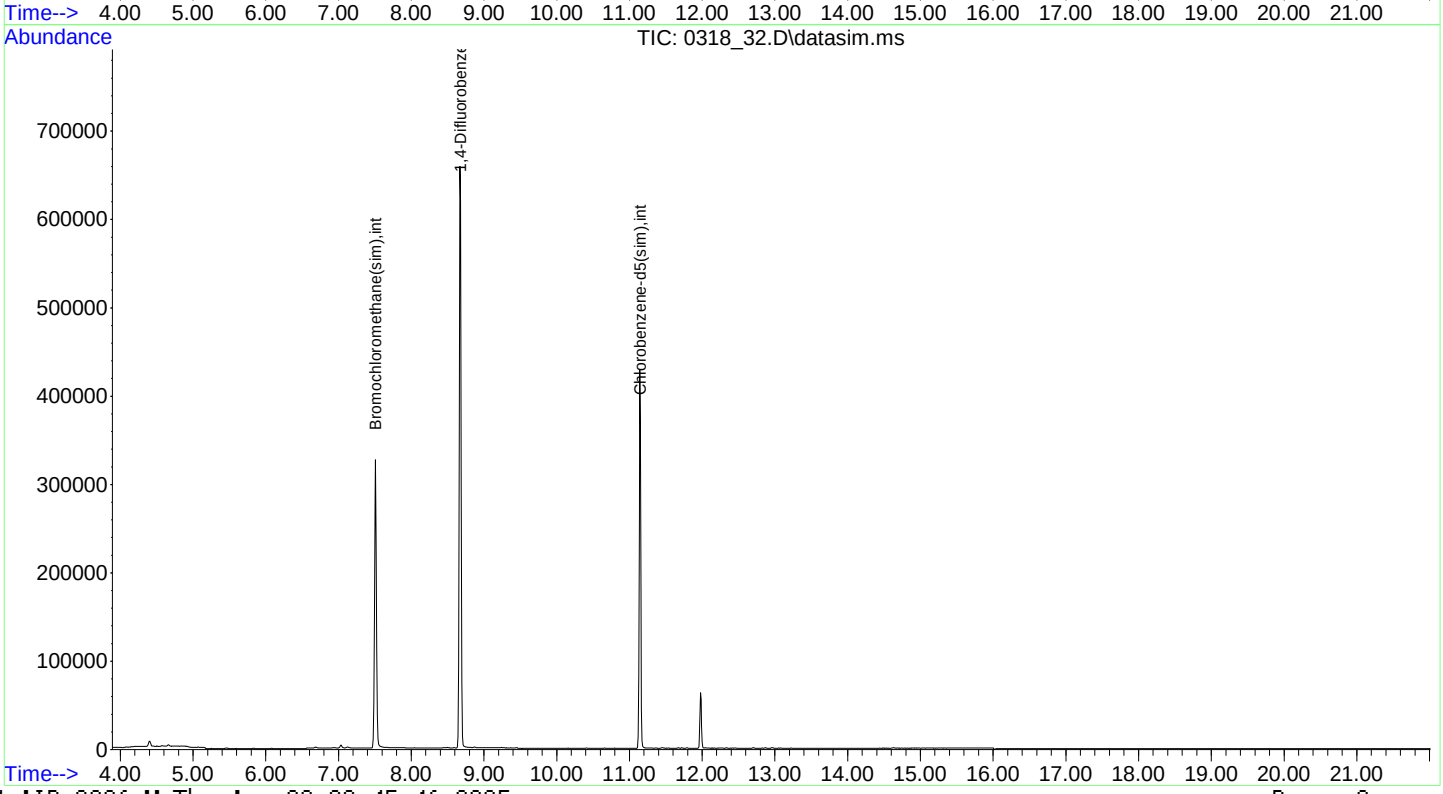
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\17\
Data File : 0318_32.D
Acq On : 19 Mar 2025 6:55 am
Operator : Keith
Client ID : CANISTER BLK 3831
Lab ID : CANISTER BLK 3831
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Mar 19 08:16:40 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 08:04:16 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3832

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3832

Canister: CANBL Lab File ID: 0318_33.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

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	0.531	U	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
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	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

CANISTER BLK 3832

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3832

Canister: CANBL Lab File ID: 0318_33.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	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
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 03, 2025

Batch Id: 3832

QC Canister Id: 853

SDG ID: GCS91392

Sample Canister Ids: 13639, 18259, 19962, 23330, 28617, 465, 49245

Certification Date: 03/19/25 7:35 AM

Data File: H:\AIR2025\CHEM24\03MAR\17\0318_33.D\0318_33-24_AIR_0226.rr

Project ID: 135 KENT

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	<0.531	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:\AIR2025\CHEM24\03MAR\17\
Data File : 0318_33.D
Acq On : 19 Mar 2025 7:35 am
Operator : Keith
Client ID : CANISTER BLK 3832
Lab ID : CANISTER BLK 3832
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Mar 19 08:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 08:04:16 2025
Response via : Initial Calibration

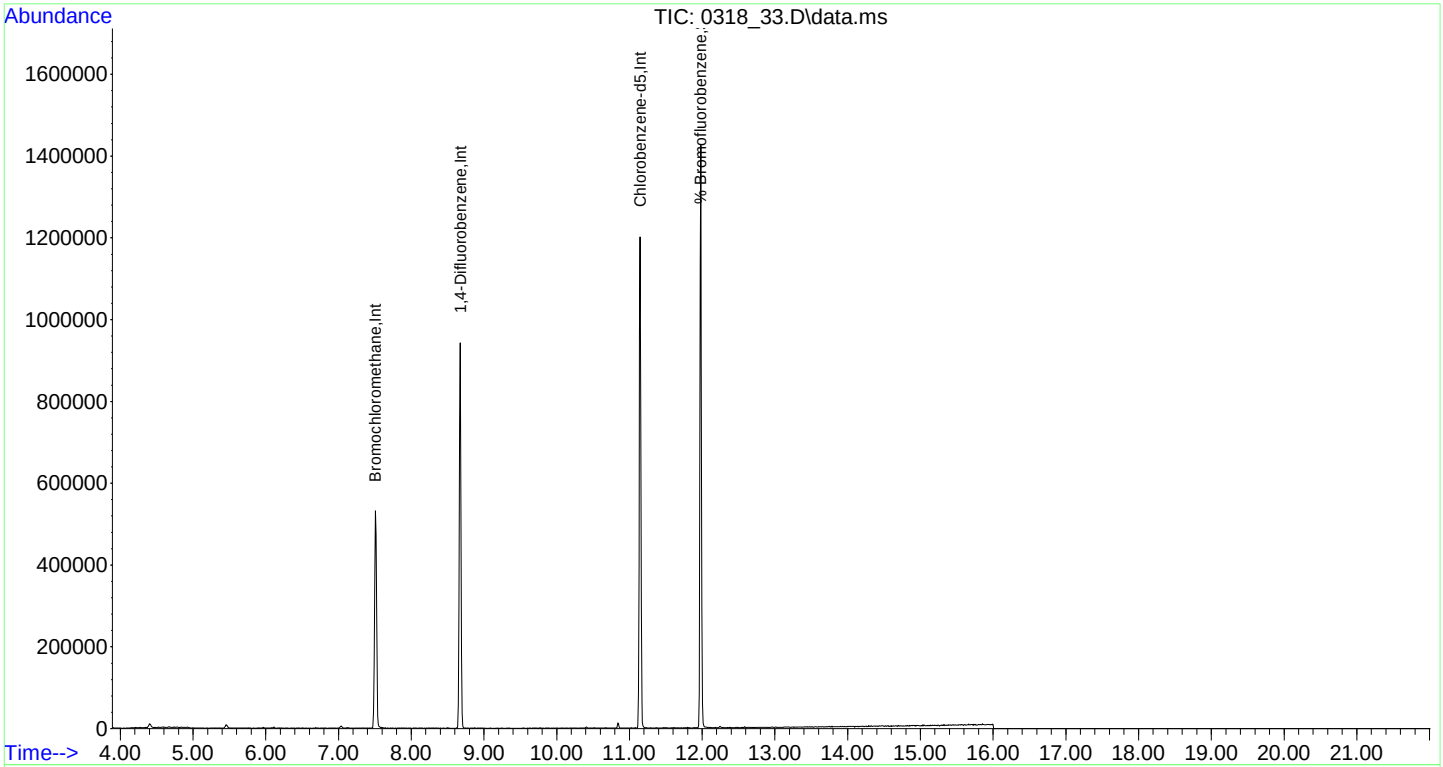
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.507	130	198080	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.675	114	660299	10.000	ng		0.00
53) Chlorobenzene-d5	11.147	82	296466	10.000	ng		0.00
78) Bromochloromethane(sim)	7.510	130	201473	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.675	114	660299	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	11.147	82	296466	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.981	95	368916	9.839	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.40%			
Target Compounds							Qvalue

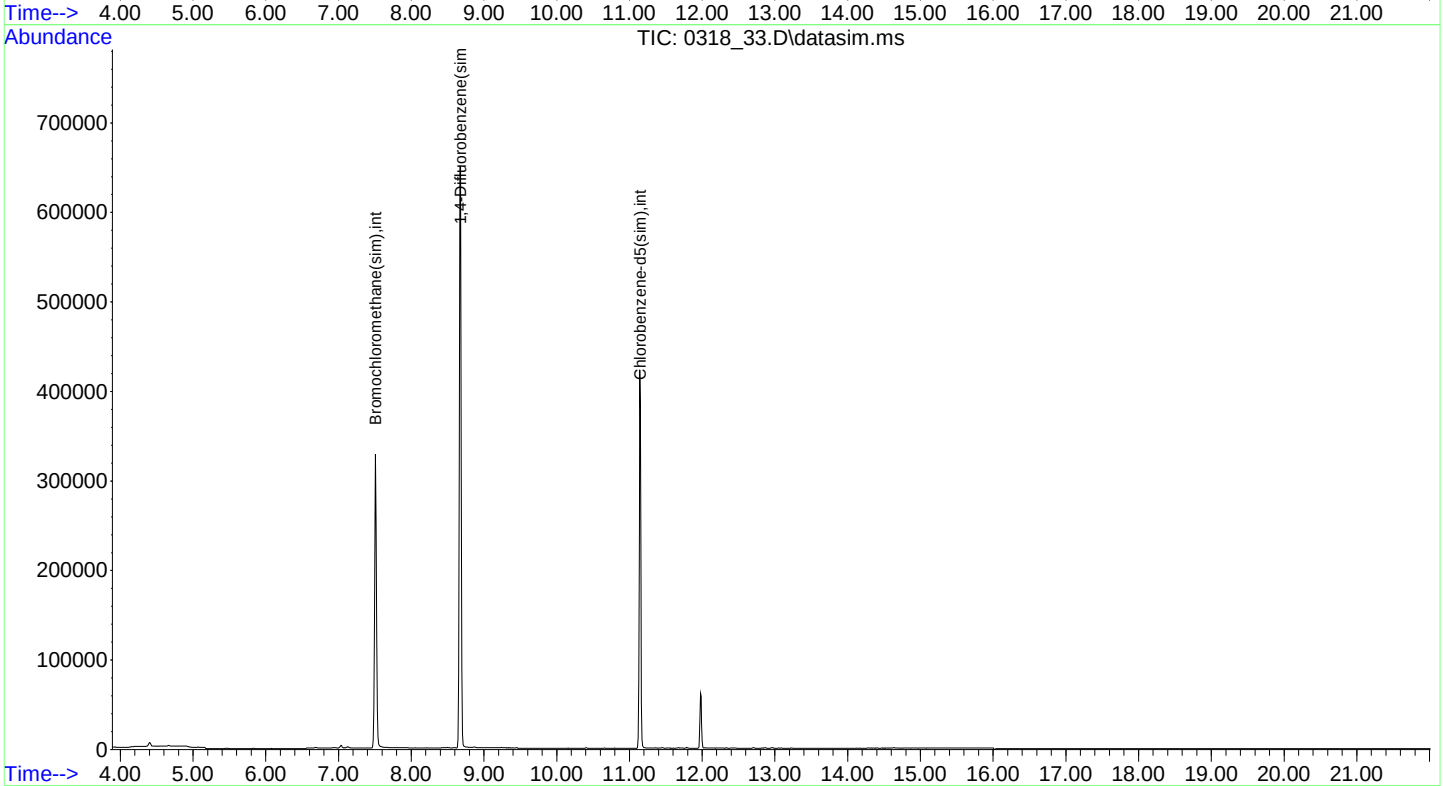
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\03MAR\17\
Data File : 0318_33.D
Acq On : 19 Mar 2025 7:35 am
Operator : Keith
Client ID : CANISTER BLK 3832
Lab ID : CANISTER BLK 3832
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Mar 19 08:17:43 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_0226.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Mar 19 08:04:16 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID: CANISTER BLK 3834

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3834

Canister: CANBL Lab File ID: 0318_42.D

Instrument: CHEM20 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

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	0.531	U	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
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	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

CANISTER BLK 3834

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3834

Canister: CANBL Lab File ID: 0318_42.D

Instrument: CHEM20 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	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
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 03, 2025

Batch Id: 3834

QC Canister Id: 852

SDG ID: GCS91392

Sample Canister Ids: 19806, 28597, 49247

Certification Date: 03/19/25 7:59 AM

Data File: H:\AIR2025\CHEM20\03MAR\18\0318_42.D\0318_42-20_AIR_0318.RR

Project ID: 135 KENT

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	<0.531	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:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_42.D
Acq On : 19 Mar 2025 7:59 am
Operator :
Client ID : CANISTER BLK 3834
Lab ID : CANISTER BLK 3834
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Mar 19 09:19:34 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:14:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.034	130	129385	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	446650	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	206291	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	146308	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	446650	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	206291	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	264650	11.655	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.60%				
Target Compounds							Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM20\03MAR\18\
Data File : 0318_42.D
Acq On : 19 Mar 2025 7:59 am
Operator :
Client ID : CANISTER BLK 3834
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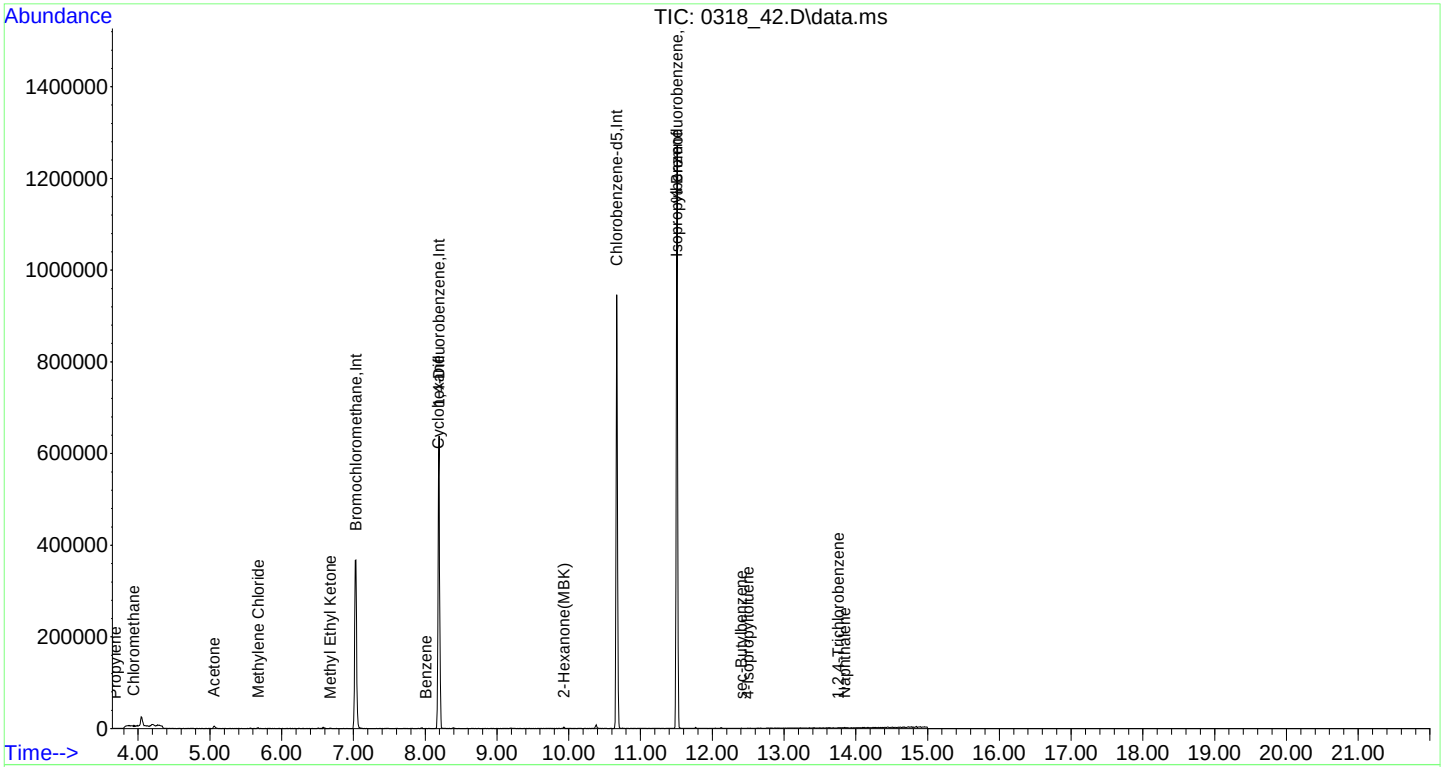
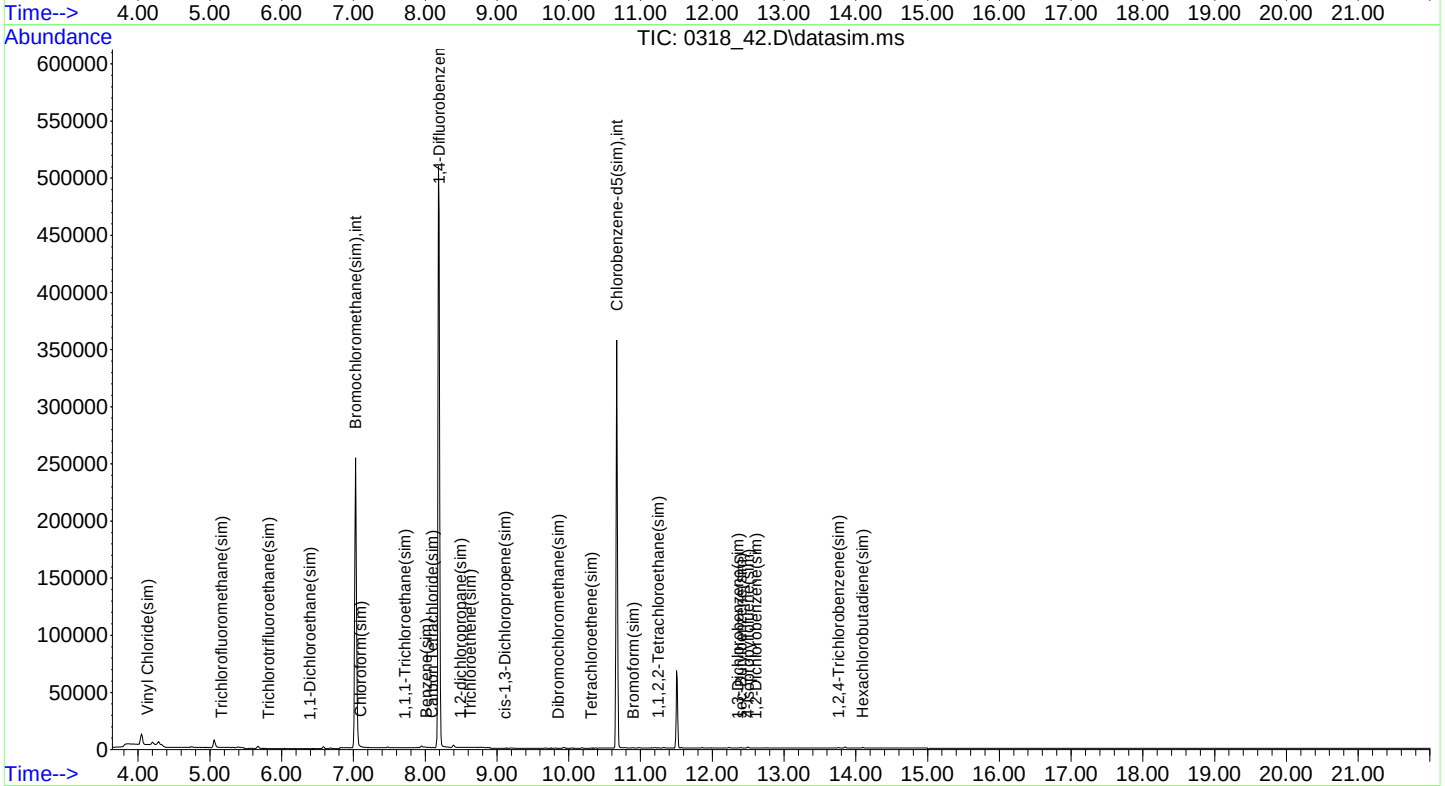
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:14:04 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3835

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3835

Canister: CANBL Lab File ID: 0319_10.D

Instrument: CHEM20 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

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	0.531	U	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
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	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

CANISTER BLK 3835

Client: ROCKENVIRO Lab: Phoenix Env. Labs

SDG No.: GCS91392 Lab Sample ID: CANISTER BLK 3835

Canister: CANBL Lab File ID: 0319_10.D

Instrument: CHEM20 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 03/19/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	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
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 03, 2025

Batch Id: 3835

QC Canister Id: 726

SDG ID: GCS91392

Sample Canister Ids: 225, 28557, 483

Certification Date: 03/19/25 6:07 PM

Data File: H:\AIR2025\CHEM20\03MAR\19\0319_10.D\0319_10-20_AIR_0318.rr

Project ID: 135 KENT

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	<0.531	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:\AIR2025\CHEM20\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 6:07 pm
Operator :
Client ID : CANISTER BLK 3835
Lab ID : CANISTER BLK 3835
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 20 07:22:43 2025
Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.026	130	134748	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.192	114	460076	10.000	ng		0.00
53) Chlorobenzene-d5	10.667	82	209880	10.000	ng		0.00
78) Bromochloromethane(sim)	7.029	130	148979	10.000	ng	#	0.00
93) 1,4-Difluorobenzene(sim)	8.192	114	460076	10.000	ng		0.00
103) Chlorobenzene-d5(sim)	10.667	82	209880	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.509	95	271805	11.765	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.70%				
Target Compounds							Qvalue

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

Data Path : H:\AIR2025\CHEM20\03MAR\19\
Data File : 0319_10.D
Acq On : 19 Mar 2025 6:07 pm
Operator :
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Lab ID : CANISTER BLK 3835
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : H:\AIR2025\CHEM20\Methods\20_AIR_0318.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Tue Mar 18 16:09:01 2025
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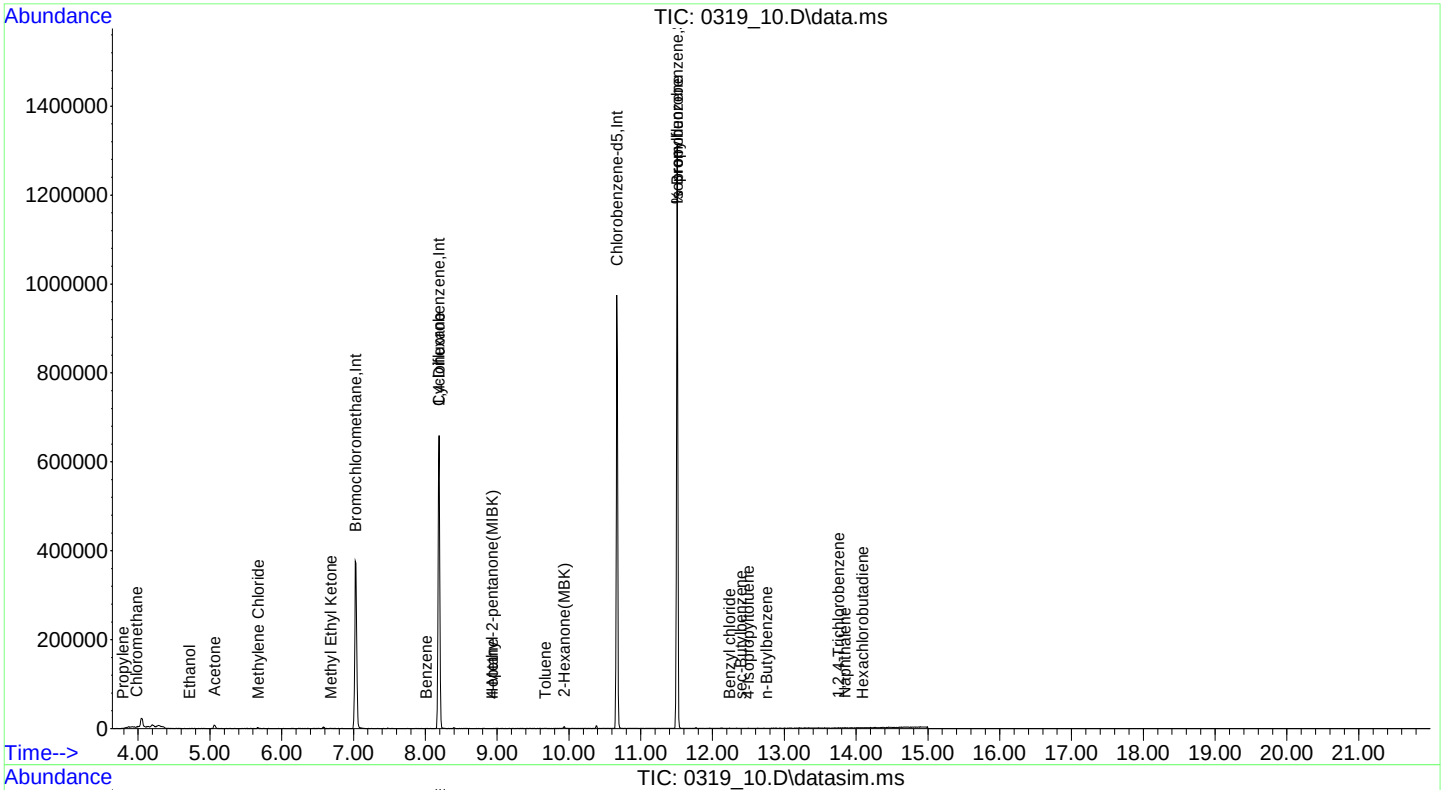

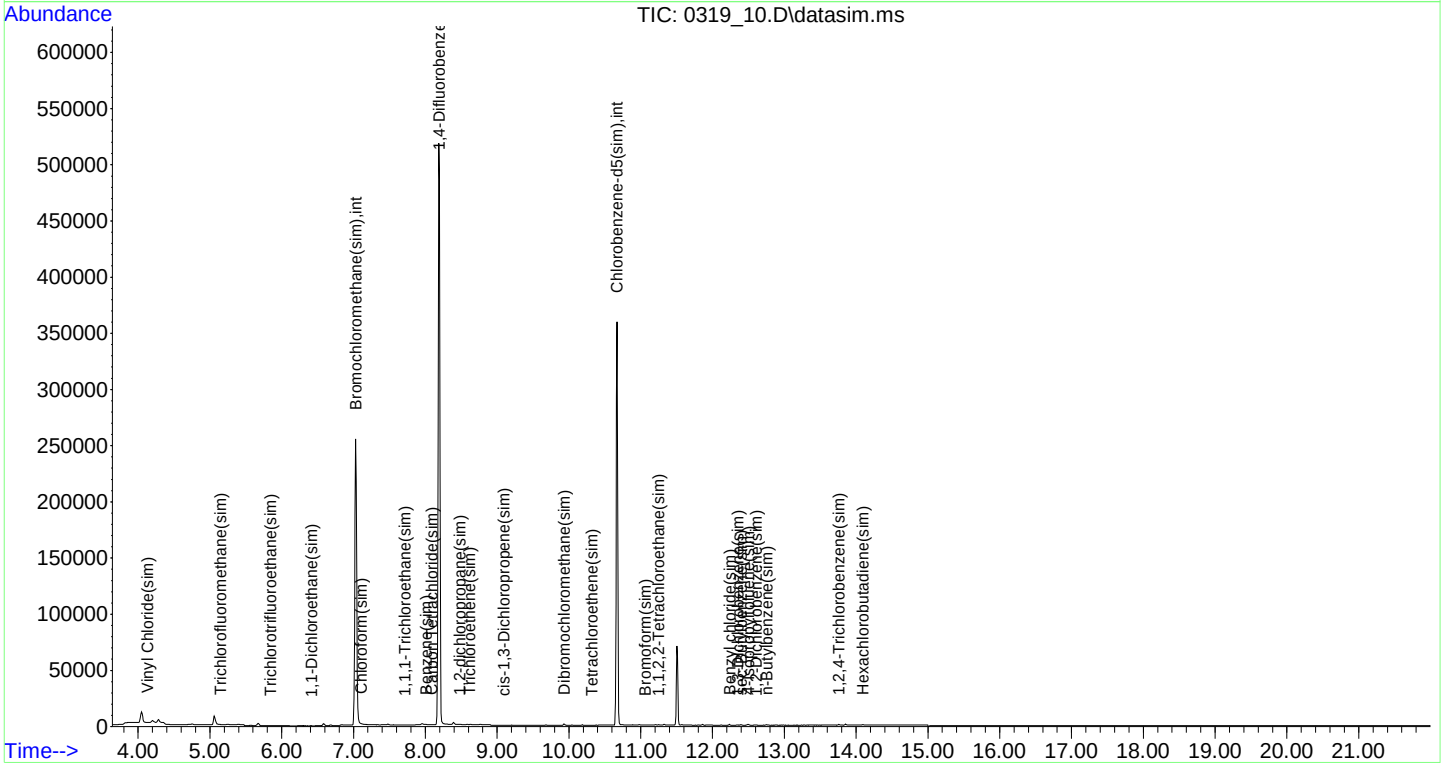

Injection Log

Data Directory: H:\AIR2025\CHEM20\03MAR\18\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	35	0318_01.D	xxxxxxxxxx		03/18/25 6:27
2)	36	0318_02.D	BFB TUNE	0/0; ITSD AIR36E	03/18/25 6:58
3)	31	0318_05.D	ICAL 0.01	0.01 ppb; TO1510D	03/18/25 8:56
4)	1	0318_06.D	ICAL 0.02	0.02 ppb; TO1510D	03/18/25 9:29
5)	2	0318_07.D	ICAL 0.035	0.035 ppb; TO1510D	03/18/25 10:03
6)	3	0318_08.D	ICAL 0.05	0.05 ppb; TO1510D	03/18/25 10:38
7)	4	0318_09.D	ICAL 0.1	0.10 ppb; TO1510D	03/18/25 11:11
8)	5	0318_10.D	ICAL 0.2	0.20 ppb; TO1510D	03/18/25 11:43
9)	6	0318_11.D	ICAL 0.5	0.50 ppb; TO1510D	03/18/25 12:18
10)	7	0318_12.D	ICAL 2.5	2.5 ppb; TO1510C	03/18/25 12:53
11)	8	0318_13.D	ICAL 5	5.0 ppb; TO1510B	03/18/25 13:25
12)	10	0318_14.D	ICAL 25	25 ppb; TO1510B	03/18/25 14:00
13)	10	0318_15.D	ICAL 40	40ppb; TO1510B	03/18/25 14:38
14)	11	0318_16.D	ICAL 1	1ppb tune/cc; TO1510	03/18/25 15:11
15)	12	0318_17.D	ICAL 10	10ppb; TO1510B	03/18/25 15:44
16)	13	0318_18.D	ICV_CHEM20_0318	10ppb lcs; TO1510A	03/18/25 16:19
17)	14	0318_19.D	xxxxxxxxxx		03/18/25 16:50
18)	32	0318_20.D	xxxxxxxxxx		03/18/25 17:23
19)	33	0318_21.D	xxxxxxxxxx		03/18/25 17:58
20)	33	0318_22.D	xxxxxxxxxx		03/18/25 18:38
21)	34	0318_23.D	xxxxxxxxxx		03/18/25 19:13
22)	34	0318_24.D	xxxxxxxxxx		03/18/25 19:52
23)	35	0318_25.D	xxxxxxxxxx		03/18/25 20:31
24)	36	0318_26.D	xxxxxxxxxx		03/18/25 21:10
25)	37	0318_27.D	xxxxxxxxxx		03/18/25 21:49
26)	38	0318_28.D	xxxxxxxxxx		03/18/25 22:22
27)	39	0318_29.D	xxxxxxxxxx		03/18/25 22:55
28)	40	0318_30.D	xxxxxxxxxx		03/18/25 23:28
29)	41	0318_31.D	xxxxxxxxxx		03/19/25 0:01
30)	42	0318_32.D	xxxxxxxxxx		03/19/25 0:34
31)	43	0318_33.D	xxxxxxxxxx		03/19/25 1:07
32)	44	0318_34.D	xxxxxxxxxx		03/19/25 1:40
33)	45	0318_35.D	xxxxxxxxxx		03/19/25 2:13
34)	46	0318_36.D	xxxxxxxxxx		03/19/25 2:46
35)	47	0318_37.D	xxxxxxxxxx		03/19/25 3:19
36)	48	0318_38.D	xxxxxxxxxx		03/19/25 3:52
37)	49	0318_39.D	xxxxxxxxxx		03/19/25 4:25
38)	50	0318_40.D	xxxxxxxxxx		03/19/25 4:58
39)	51	0318_41.D	xxxxxxxxxx		03/19/25 5:29
40)	52	0318_42.D	CANISTER BLK 3834	CANISTER BLK 3834	03/19/25 7:59
41)	53	0318_43.D	xxxxxxxxxx		03/19/25 8:53
42)	54	0318_44.D	xxxxxxxxxx		03/19/25 9:26
43)	55	0318_45.D	xxxxxxxxxx		03/19/25 10:37
44)	56	0318_46.D	xxxxxxxxxx		03/19/25 11:41
45)	57	0318_47.D	xxxxxxxxxx		03/19/25 12:14

Injection Log

Data Directory: H:\AIR2025\CHEM20\03MAR\19\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	0320_02.D	xxxxxxxxxx		N/A
2)	28	0319_02.D	xxxxxxxxxx		03/19/25 13:34
3)	29	0319_03.D	xxxxxxxxxx		03/19/25 14:08
4)	28	0319_04.D	xxxxxxxxxx		03/19/25 14:41
5)	29	0319_05.D	xxxxxxxxxx		03/19/25 15:16
6)	1	0319_06.D	xxxxxxxxxx		03/19/25 15:47
7)	2	0319_07.D	xxxxxxxxxx		03/19/25 16:20
8)	3	0319_08.D	xxxxxxxxxx		03/19/25 16:56
9)	4	0319_09.D	xxxxxxxxxx		03/19/25 17:31
10)	5	0319_10.D	CANISTER BLK 3835	CANISTER BLK 3835	03/19/25 18:07
11)	6	0319_11.D	xxxxxxxxxx		03/19/25 18:43
12)	7	0319_12.D	xxxxxxxxxx		03/19/25 19:24
13)	8	0319_13.D	xxxxxxxxxx		03/19/25 20:06
14)	9	0319_14.D	xxxxxxxxxx		03/19/25 20:42
15)	10	0319_15.D	xxxxxxxxxx		03/19/25 21:23
16)	11	0319_16.D	xxxxxxxxxx		03/19/25 22:02
17)	12	0319_17.D	xxxxxxxxxx		03/19/25 22:42
18)	13	0319_18.D	xxxxxxxxxx		03/19/25 23:24
19)	14	0319_19.D	xxxxxxxxxx		03/20/25 0:10
20)	15	0319_20.D	xxxxxxxxxx		03/20/25 0:56
21)	16	0319_21.D	xxxxxxxxxx		03/20/25 1:37
22)	17	0319_22.D	xxxxxxxxxx		03/20/25 2:10
23)	18	0319_23.D	xxxxxxxxxx		03/20/25 2:43
24)	19	0319_24.D	xxxxxxxxxx		03/20/25 3:14
25)	20	0319_25.D	xxxxxxxxxx		03/20/25 3:57
26)	21	0319_26.D	xxxxxxxxxx		03/20/25 4:37
27)	22	0319_27.D	xxxxxxxxxx		03/20/25 5:18
28)	23	0319_28.D	xxxxxxxxxx		03/20/25 5:58
29)	24	0319_29.D	xxxxxxxxxx		03/20/25 6:39
30)	25	0319_30.D	xxxxxxxxxx		03/20/25 7:21
31)	26	0319_31.D	xxxxxxxxxx		03/20/25 7:53
32)	27	0319_32.D	xxxxxxxxxx		03/20/25 8:26
33)	28	0319_33.D	xxxxxxxxxx		03/20/25 8:59
34)	29	0319_34.D	xxxxxxxxxx		03/20/25 9:32
35)	30	0319_35.D	xxxxxxxxxx		03/20/25 10:05
36)	31	0319_36.D	xxxxxxxxxx		03/20/25 10:37
37)	32	0319_37.D	xxxxxxxxxx		03/20/25 11:10
38)	1	0319_01.D	xxxxxxxxxx		03/20/25 11:43

Injection Log

Data Directory: H:\AIR2025\CHEM20\03MAR\26\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0326_01.D	xxxxxxxxxx		03/26/25 12:45
2)	28	0326_02.D	xxxxxxxxxx		03/26/25 13:18
3)	29	0326_03.D	xxxxxxxxxx		03/26/25 13:51
4)	30	0326_04.D	xxxxxxxxxx		03/26/25 14:24
5)	31	0326_05.D	BFB TUNE - CCAL 1	1ppb ccal; TO1514A	03/26/25 14:58
6)	28	0326_06.D	xxxxxxxxxx		03/26/25 15:31
7)	29	0326_07.D	xxxxxxxxxx		03/26/25 16:04
8)	29	0326_08.D	CS90667 LCS	CS90667 LCS	03/26/25 16:39
9)	1	0326_09.D	CS90667 BLANK	CS90667 BLANK	03/26/25 17:10
10)	2	0326_10.D	xxxxxxxxxx		03/26/25 17:43
11)	3	0326_11.D	CS90667 QC 0.5X	CS90667 QC 0.5X	03/26/25 18:23
12)	4	0326_12.D	CS90667 DUP 0.5X	CS90667 DUP 0.5X	03/26/25 19:02
13)	5	0326_13.D	xxxxxxxxxx		03/26/25 19:42
14)	6	0326_14.D	xxxxxxxxxx		03/26/25 20:17
15)	7	0326_15.D	OA25-02	CS91410	03/26/25 20:53
16)	8	0326_16.D	OA25-01	CS91411	03/26/25 21:29
17)	9	0326_17.D	IA25-14A	CS91412	03/26/25 22:05
18)	10	0326_18.D	IA25-06	CS91404	03/26/25 22:41
19)	11	0326_19.D	xxxxxxxxxx		03/26/25 23:23
20)	12	0326_20.D	IA25-17	CS91406	03/26/25 23:59
21)	13	0326_21.D	IA25-08	CS91407	03/27/25 0:36
22)	14	0326_22.D	IA25-03	CS91392	03/27/25 1:13
23)	15	0326_23.D	IA25-10	CS91393	03/27/25 1:51
24)	16	0326_24.D	IA25-11	CS91394	03/27/25 2:28
25)	17	0326_25.D	xxxxxxxxxx		03/27/25 3:15
26)	18	0326_26.D	xxxxxxxxxx		03/27/25 4:02
27)	19	0326_27.D	xxxxxxxxxx		03/27/25 4:38
28)	20	0326_28.D	xxxxxxxxxx		03/27/25 5:15
29)	21	0326_29.D	xxxxxxxxxx		03/27/25 5:53
30)	22	0326_30.D	xxxxxxxxxx		03/27/25 6:30
31)	23	0326_31.D	xxxxxxxxxx		03/27/25 7:07
32)	24	0326_32.D	xxxxxxxxxx		03/27/25 7:41
33)	25	0326_33.D	xxxxxxxxxx		03/27/25 8:15
34)	26	0326_34.D	xxxxxxxxxx		03/27/25 8:50
35)	27	0326_35.D	xxxxxxxxxx		03/27/25 9:23
36)	28	0326_36.D	xxxxxxxxxx		03/27/25 9:57
37)	29	0326_37.D	xxxxxxxxxx		03/27/25 10:30
38)	30	0326_38.D	xxxxxxxxxx		03/27/25 11:05
39)	31	0326_39.D	xxxxxxxxxx		03/27/25 11:41
40)	1	0327_01.D	BFB TUNE - CCCAL / CCAL	1ppb ccal; TO1514A	03/27/25 12:15
41)	1	0327_02.D	xxxxxxxxxx		03/27/25 12:48
42)	1	0327_03.D	xxxxxxxxxx		03/27/25 13:24
43)	2	0327_04.D	CS91405 LCS	CS91405 LCS	03/27/25 14:02
44)	2	0327_05.D	CS91405 BLANK	CS91405 BLANK	03/27/25 14:34
45)	3	0327_06.D	xxxxxxxxxx		03/27/25 15:07
46)	4	0327_07.D	IA25-01	CS91405	03/27/25 15:47
47)	5	0327_08.D	IA25-01 DUP	CS91405 DUP	03/27/25 16:27
48)	6	0327_09.D	xxxxxxxxxx		03/27/25 17:03
49)	6	0327_10.D	xxxxxxxxxx		03/27/25 17:36
50)	7	0327_11.D	xxxxxxxxxx		03/27/25 18:10
51)	8	0327_12.D	xxxxxxxxxx		03/27/25 18:45
52)	9	0327_13.D	xxxxxxxxxx		03/27/25 19:18
53)	10	0327_14.D	xxxxxxxxxx		03/27/25 19:54
54)	11	0327_15.D	xxxxxxxxxx		03/27/25 20:26
55)	12	0327_16.D	xxxxxxxxxx		03/27/25 21:07
56)	13	0327_17.D	xxxxxxxxxx		03/27/25 21:54
57)	14	0327_18.D	xxxxxxxxxx		03/27/25 22:33
58)	15	0327_19.D	xxxxxxxxxx		03/27/25 23:10
59)	16	0327_20.D	xxxxxxxxxx		03/27/25 23:49
60)	17	0327_21.D	xxxxxxxxxx		03/28/25 0:22
61)	18	0327_22.D	xxxxxxxxxx		03/28/25 0:56
62)	19	0327_23.D	xxxxxxxxxx		03/28/25 1:29
63)	20	0327_24.D	xxxxxxxxxx		03/28/25 2:03
64)	21	0327_25.D	xxxxxxxxxx		03/28/25 2:36
65)	22	0327_26.D	xxxxxxxxxx		03/28/25 3:10
66)	23	0327_27.D	xxxxxxxxxx		03/28/25 3:44

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67) 24 0327_28.D  xxxxxxxxxx                          03/28/25  4:15
68) 25 0327_29.D  xxxxxxxxxx                          03/28/25  4:51
69) 26 0327_30.D  xxxxxxxxxx                          03/28/25  8:45
70) 27 0327_31.D  xxxxxxxxxx                          03/28/25  9:20
71) 28 0327_32.D  xxxxxxxxxx                          03/28/25  9:54
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Injection Log

Data Directory: H:\AIR2025\CHEM24\03MAR\05\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0305_01.D	xxxxxxxxxx		03/05/25 13:48
2)	2	0305_02.D	xxxxxxxxxx		03/05/25 14:22
3)	3	0305_03.D	xxxxxxxxxx		03/05/25 14:57
4)	4	0305_04.D	xxxxxxxxxx		03/05/25 15:34
5)	6	0305_05.D	xxxxxxxxxx		03/05/25 16:07
6)	7	0305_06.D	xxxxxxxxxx		03/05/25 16:42
7)	8	0305_07.D	xxxxxxxxxx		03/05/25 17:19
8)	9	0305_08.D	xxxxxxxxxx		03/05/25 18:08
9)	10	0305_09.D	xxxxxxxxxx		03/05/25 18:57
10)	11	0305_10.D	xxxxxxxxxx		03/05/25 19:46
11)	12	0305_11.D	xxxxxxxxxx		03/05/25 20:33
12)	13	0305_12.D	xxxxxxxxxx		03/05/25 22:08
13)	14	0305_13.D	xxxxxxxxxx		03/05/25 22:49
14)	15	0305_14.D	xxxxxxxxxx		03/05/25 23:32
15)	16	0305_15.D	xxxxxxxxxx		03/06/25 0:15
16)	17	0305_16.D	xxxxxxxxxx		03/06/25 1:03
17)	18	0305_17.D	xxxxxxxxxx		03/06/25 1:40
18)	19	0305_18.D	xxxxxxxxxx		03/06/25 2:15
19)	20	0305_19.D	xxxxxxxxxx		03/06/25 2:48
20)	21	0305_20.D	xxxxxxxxxx		03/06/25 3:26
21)	22	0305_21.D	CANISTER BLK 3801	CANISTER BLK 3801	03/06/25 4:03
22)	23	0305_22.D	xxxxxxxxxx		03/06/25 8:12
23)	24	0305_23.D	xxxxxxxxxx		03/06/25 9:30
24)	25	0305_24.D	xxxxxxxxxx		03/06/25 10:08

Injection Log

Data Directory: H:\AIR2025\CHEM24\03MAR\17\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0317_01.D	xxxxxxxxxx		03/17/25 11:33
2)	2	0317_02.D	xxxxxxxxxx		03/17/25 12:11
3)	3	0317_03.D	xxxxxxxxxx		03/17/25 12:46
4)	4	0317_04.D	xxxxxxxxxx		03/17/25 13:23
5)	6	0317_05.D	xxxxxxxxxx		03/17/25 13:57
6)	7	0317_06.D	xxxxxxxxxx		03/17/25 14:32
7)	8	0317_07.D	xxxxxxxxxx		03/17/25 15:09
8)	9	0317_08.D	xxxxxxxxxx		03/17/25 15:46
9)	10	0317_09.D	xxxxxxxxxx		03/17/25 16:39
10)	11	0317_10.D	xxxxxxxxxx		03/17/25 17:20
11)	12	0317_11.D	xxxxxxxxxx		03/17/25 18:02
12)	13	0317_12.D	xxxxxxxxxx		03/17/25 18:47
13)	14	0317_13.D	xxxxxxxxxx		03/17/25 19:30
14)	15	0317_14.D	xxxxxxxxxx		03/17/25 20:12
15)	16	0317_15.D	xxxxxxxxxx		03/17/25 20:55
16)	17	0317_16.D	xxxxxxxxxx		03/17/25 21:38
17)	18	0317_17.D	xxxxxxxxxx		03/17/25 22:21
18)	19	0317_18.D	xxxxxxxxxx		03/17/25 23:06
19)	20	0317_19.D	xxxxxxxxxx		03/17/25 23:47
20)	21	0317_20.D	xxxxxxxxxx		03/18/25 0:29
21)	22	0317_21.D	xxxxxxxxxx		03/18/25 2:02
22)	23	0317_22.D	xxxxxxxxxx		03/18/25 2:41
23)	24	0317_23.D	xxxxxxxxxx		03/18/25 3:18
24)	25	0317_24.D	xxxxxxxxxx		03/18/25 3:54
25)	26	0317_25.D	xxxxxxxxxx		03/18/25 4:29
26)	27	0317_26.D	xxxxxxxxxx		03/18/25 5:06
27)	28	0317_27.D	xxxxxxxxxx		03/18/25 5:41
28)	29	0317_28.D	xxxxxxxxxx		03/18/25 6:17
29)	30	0317_29.D	xxxxxxxxxx		03/18/25 6:55
30)	31	0317_30.D	xxxxxxxxxx		03/18/25 7:33
31)	32	0317_31.D	xxxxxxxxxx		03/18/25 8:08
32)	33	0317_32.D	xxxxxxxxxx		03/18/25 8:45
33)	34	0317_33.D	xxxxxxxxxx		03/18/25 9:19
34)	35	0317_34.D	xxxxxxxxxx		03/18/25 9:54
35)	32	0318_01.D	xxxxxxxxxx		03/18/25 10:30
36)	33	0318_02.D	xxxxxxxxxx		03/18/25 11:05
37)	34	0318_03.D	xxxxxxxxxx		03/18/25 11:43
38)	35	0318_04.D	xxxxxxxxxx		03/18/25 12:16
39)	36	0318_05.D	xxxxxxxxxx		03/18/25 12:51
40)	37	0318_06.D	xxxxxxxxxx		03/18/25 13:29
41)	38	0318_07.D	xxxxxxxxxx		03/18/25 14:06
42)	39	0318_08.D	xxxxxxxxxx		03/18/25 14:45
43)	40	0318_09.D	xxxxxxxxxx		03/18/25 15:23
44)	41	0318_10.D	xxxxxxxxxx		03/18/25 16:01
45)	42	0318_11.D	xxxxxxxxxx		03/18/25 16:39
46)	43	0318_12.D	xxxxxxxxxx		03/18/25 17:19
47)	45	0318_14.D	xxxxxxxxxx		03/18/25 18:01
48)	46	0318_15.D	xxxxxxxxxx		03/18/25 18:41
49)	47	0318_16.D	xxxxxxxxxx		03/18/25 19:23
50)	48	0318_17.D	xxxxxxxxxx		03/18/25 20:04
51)	49	0318_18.D	xxxxxxxxxx		03/18/25 20:51
52)	50	0318_19.D	xxxxxxxxxx		03/18/25 22:04
53)	51	0318_20.D	xxxxxxxxxx		03/18/25 22:52
54)	52	0318_21.D	xxxxxxxxxx		03/18/25 23:41
55)	53	0318_22.D	xxxxxxxxxx		03/19/25 0:23
56)	54	0318_23.D	xxxxxxxxxx		03/19/25 1:11
57)	55	0318_24.D	xxxxxxxxxx		03/19/25 2:00
58)	56	0318_25.D	xxxxxxxxxx		03/19/25 2:47
59)	57	0318_26.D	xxxxxxxxxx		03/19/25 3:22
60)	58	0318_27.D	xxxxxxxxxx		03/19/25 3:56
61)	59	0318_28.D	xxxxxxxxxx		03/19/25 4:34
62)	60	0318_29.D	xxxxxxxxxx		03/19/25 5:08
63)	61	0318_30.D	xxxxxxxxxx		03/19/25 5:43
64)	62	0318_31.D	xxxxxxxxxx		03/19/25 6:17
65)	63	0318_32.D	CANISTER BLK 3831	CANISTER BLK 3831	03/19/25 6:55
66)	64	0318_33.D	CANISTER BLK 3832	CANISTER BLK 3832	03/19/25 7:35

Thu Apr 03 09:45:41 2025 Page 1

67) 65 0318_34.D xxxxxxxxxx 03/19/25 8:14
68) 66 0318_35.D xxxxxxxxxx 03/19/25 8:49

Injection Log

Data Directory: H:\AIR2025\CHEM24\03MAR\19\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	13	0319_01.D	BFB TUNE	0/0 ; ITSD Air39	03/19/25 9:57
2)	3	0319_03.D	ICAL 0.01	0.01 (40cc -1); TO15	03/19/25 10:33
3)	4	0319_04.D	ICAL 0.02	0.02 (80cc -1) ; TO1	03/19/25 11:08
4)	5	0319_05.D	ICAL 0.035	0.035 (140cc -1) ; T	03/19/25 11:45
5)	6	0319_06.D	ICAL 0.05	0.05 ppb ; TO1511	03/19/25 12:22
6)	7	0319_07.D	ICAL 0.1	0.10 ppb ; TO1511	03/19/25 12:56
7)	8	0319_08.D	ICAL 0.2	0.20 ppb ; TO1511	03/19/25 13:32
8)	9	0319_09.D	ICAL 0.5	0.50 ppb ; TO1511	03/19/25 14:09
9)	10	0319_10.D	ICAL 2.5	2.5 ppb ; TO1511	03/19/25 14:48
10)	11	0319_11.D	ICAL 5	5.0 ppb ; TO1511	03/19/25 15:21
11)	12	0319_12.D	ICAL 25	25 ppb ; TO1511	03/19/25 15:59
12)	13	0319_13.D	ICAL 40	40 ppb ; TO1511	03/19/25 16:41
13)	16	0319_14.D	ICAL 1	1ppb ; TO1509 ; AIR3	03/19/25 17:18
14)	16	0319_15.D	ICAL 10	10ppb ; TO1509 ; AIR	03/19/25 17:54
15)	17	0319_16.D	ICV_CHEM24_0319	10ppb lcs ; TO1511	03/19/25 18:31
16)	18	0319_17.D	xxxxxxxxxx		03/19/25 19:05
17)	19	0319_18.D	xxxxxxxxxx		03/19/25 19:39
18)	20	0319_19.D	xxxxxxxxxx		03/19/25 20:22
19)	21	0319_20.D	xxxxxxxxxx		03/19/25 21:01
20)	22	0319_21.D	xxxxxxxxxx		03/19/25 21:38
21)	23	0319_22.D	xxxxxxxxxx		03/19/25 22:16
22)	24	0319_23.D	xxxxxxxxxx		03/19/25 22:58
23)	25	0319_24.D	xxxxxxxxxx		03/19/25 23:39
24)	26	0319_25.D	xxxxxxxxxx		03/20/25 0:20
25)	27	0319_26.D	xxxxxxxxxx		03/20/25 1:02
26)	28	0319_27.D	xxxxxxxxxx		03/20/25 1:40
27)	29	0319_28.D	xxxxxxxxxx		03/20/25 2:18
28)	30	0319_29.D	xxxxxxxxxx		03/20/25 2:57
29)	31	0319_30.D	xxxxxxxxxx		03/20/25 3:34
30)	32	0319_31.D	xxxxxxxxxx		03/20/25 4:08
31)	33	0319_32.D	xxxxxxxxxx		03/20/25 4:44
32)	34	0319_33.D	xxxxxxxxxx		03/20/25 5:21
33)	35	0319_34.D	xxxxxxxxxx		03/20/25 5:56
34)	36	0319_35.D	xxxxxxxxxx		03/20/25 6:31
35)	37	0319_36.D	xxxxxxxxxx		03/20/25 7:10
36)	38	0319_37.D	xxxxxxxxxx		03/20/25 8:00
37)	39	0319_38.D	xxxxxxxxxx		03/20/25 8:34
38)	40	0319_39.D	xxxxxxxxxx		03/20/25 9:09
39)	41	0319_40.D	xxxxxxxxxx		03/20/25 9:47
40)	42	0319_41.D	xxxxxxxxxx		03/20/25 10:46
41)	43	0319_42.D	xxxxxxxxxx		03/20/25 11:13

Injection Log

Data Directory: H:\AIR2025\CHEM24\03MAR\26\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0326_01.D	xxxxxxxxxx		03/26/25 13:13
2)	2	0326_02.D	BFB TUNE - CCAL 1	1ppb ccal; TO1513X	03/26/25 13:47
3)	3	0326_03.D	xxxxxxxxxx		03/26/25 14:23
4)	4	0326_04.D	CS90763 LCS	CS90763 LCS	03/26/25 15:02
5)	6	0326_05.D	CS90763 BLANK	CS90763 BLANK	03/26/25 15:35
6)	7	0326_06.D	xxxxxxxxxx		03/26/25 16:10
7)	8	0326_07.D	xxxxxxxxxx		03/26/25 16:47
8)	9	0326_08.D	xxxxxxxxxx		03/26/25 17:24
9)	8	0326_09.D	CS90763 QC 0.5X	CS90763 QC 0.5X	03/26/25 18:06
10)	9	0326_10.D	CS90763 DUP 0.5X	CS90763 DUP 0.5X	03/26/25 18:51
11)	10	0326_11.D	xxxxxxxxxx		03/26/25 19:34
12)	11	0326_12.D	xxxxxxxxxx		03/26/25 20:12
13)	12	0326_13.D	xxxxxxxxxx		03/26/25 20:50
14)	13	0326_14.D	xxxxxxxxxx		03/26/25 21:28
15)	14	0326_15.D	IA25-14B	CS91408	03/26/25 22:07
16)	15	0326_16.D	IA25-02	CS91409	03/26/25 22:45
17)	16	0326_17.D	IA25-07	CS91397	03/26/25 23:24
18)	17	0326_18.D	IA25-04	CS91399	03/27/25 0:01
19)	18	0326_19.D	IA25-DUP	CS91398	03/27/25 0:43
20)	19	0326_20.D	IA25-15	CS91396	03/27/25 1:21
21)	20	0326_21.D	IA25-09	CS91395	03/27/25 2:00
22)	21	0326_22.D	xxxxxxxxxx		03/27/25 2:37
23)	22	0326_23.D	xxxxxxxxxx		03/27/25 3:13
24)	23	0326_24.D	xxxxxxxxxx		03/27/25 3:49
25)	24	0326_25.D	xxxxxxxxxx		03/27/25 4:25
26)	25	0326_26.D	xxxxxxxxxx		03/27/25 5:00
27)	26	0326_27.D	xxxxxxxxxx		03/27/25 5:35
28)	27	0326_28.D	xxxxxxxxxx		03/27/25 6:10
29)	28	0326_29.D	xxxxxxxxxx		03/27/25 6:46
30)	29	0326_30.D	xxxxxxxxxx		03/27/25 7:21
31)	30	0326_31.D	xxxxxxxxxx		03/27/25 7:56
32)	31	0326_32.D	xxxxxxxxxx		03/27/25 8:30
33)	32	0326_33.D	xxxxxxxxxx		03/27/25 9:06
34)	33	0326_34.D	xxxxxxxxxx		03/27/25 9:42
35)	34	0326_35.D	xxxxxxxxxx		03/27/25 10:17
36)	35	0326_36.D	xxxxxxxxxx		03/27/25 10:52
37)	36	0326_37.D	xxxxxxxxxx		03/27/25 11:27
38)	37	0326_38.D	xxxxxxxxxx		03/27/25 12:03
39)	39	0327_01.D	CCCAL 1	1ppb ccal; TO1513X	03/27/25 12:38
40)	40	0327_02.D	xxxxxxxxxx		03/27/25 13:14
41)	41	0327_03.D	xxxxxxxxxx		03/27/25 13:54
42)	1	0327_04.D	xxxxxxxxxx		03/27/25 14:32
43)	1	0327_05.D	xxxxxxxxxx		03/27/25 15:07
44)	2	0327_06.D	xxxxxxxxxx		03/27/25 15:41
45)	3	0327_07.D	xxxxxxxxxx		03/27/25 16:16
46)	4	0327_08.D	xxxxxxxxxx		03/27/25 17:03
47)	5	0327_09.D	xxxxxxxxxx		03/27/25 17:51
48)	6	0327_10.D	xxxxxxxxxx		03/27/25 18:41
49)	7	0327_11.D	xxxxxxxxxx		03/27/25 19:26
50)	8	0327_12.D	xxxxxxxxxx		03/27/25 20:08
51)	9	0327_13.D	xxxxxxxxxx		03/27/25 20:46
52)	10	0327_14.D	xxxxxxxxxx		03/27/25 21:24
53)	11	0327_15.D	xxxxxxxxxx		03/27/25 22:01
54)	12	0327_16.D	xxxxxxxxxx		03/27/25 22:37
55)	13	0327_17.D	xxxxxxxxxx		03/27/25 23:13
56)	14	0327_18.D	xxxxxxxxxx		03/27/25 23:55
57)	15	0327_19.D	xxxxxxxxxx		03/28/25 0:37
58)	16	0327_20.D	xxxxxxxxxx		03/28/25 1:18
59)	17	0327_21.D	xxxxxxxxxx		03/28/25 2:00
60)	18	0327_22.D	xxxxxxxxxx		03/28/25 2:42
61)	19	0327_23.D	xxxxxxxxxx		03/28/25 3:24
62)	20	0327_24.D	xxxxxxxxxx		03/28/25 4:06
63)	21	0327_25.D	xxxxxxxxxx		03/28/25 4:48
64)	22	0327_26.D	xxxxxxxxxx		03/28/25 5:30
65)	23	0327_27.D	xxxxxxxxxx		03/28/25 6:16
66)	24	0327_28.D	xxxxxxxxxx		03/28/25 7:02

67)	25	0327_29.D	xxxxxxxxxx	03/28/25 7:53
68)	26	0327_30.D	xxxxxxxxxx	03/28/25 9:28
69)	27	0327_31.D	xxxxxxxxxx	03/28/25 10:06
70)	28	0327_32.D	xxxxxxxxxx	03/28/25 10:41
71)	29	0327_33.D	xxxxxxxxxx	03/28/25 11:17
72)	30	0327_34.D	xxxxxxxxxx	03/28/25 11:52
73)	31	0327_35.D	xxxxxxxxxx	03/28/25 12:30
74)	32	0327_36.D	xxxxxxxxxx	03/28/25 13:04
75)	33	0327_37.D	xxxxxxxxxx	03/28/25 13:39
76)	1	0327_38.D	xxxxxxxxxx	03/28/25 14:17
77)	2	0327_39.D	xxxxxxxxxx	03/28/25 14:59
78)	3	0327_40.D	xxxxxxxxxx	03/28/25 15:40
79)	4	0327_41.D	xxxxxxxxxx	03/28/25 16:18
80)	4	0327_42.D	xxxxxxxxxx	03/28/25 16:59
81)	5	0327_43.D	xxxxxxxxxx	03/28/25 17:40
82)	7	0327_45.D	xxxxxxxxxx	03/28/25 18:25
83)	8	0327_46.D	xxxxxxxxxx	03/28/25 19:08
84)	9	0327_47.D	xxxxxxxxxx	03/28/25 19:43
85)	10	0327_48.D	xxxxxxxxxx	03/28/25 20:18
86)	11	0327_49.D	xxxxxxxxxx	03/28/25 20:56
87)	12	0327_50.D	xxxxxxxxxx	03/28/25 21:31
88)	13	0327_51.D	xxxxxxxxxx	03/28/25 22:06
89)	14	0327_52.D	xxxxxxxxxx	03/28/25 22:41
90)	15	0327_53.D	xxxxxxxxxx	03/28/25 23:17
91)	16	0327_54.D	xxxxxxxxxx	03/28/25 23:51
92)	17	0327_55.D	xxxxxxxxxx	03/29/25 0:25
93)	18	0327_56.D	xxxxxxxxxx	03/29/25 1:08
94)	19	0327_57.D	xxxxxxxxxx	03/29/25 1:51
95)	23	0327_61.D	xxxxxxxxxx	03/29/25 2:32
96)	24	0327_62.D	xxxxxxxxxx	03/29/25 3:14
97)	25	0327_63.D	xxxxxxxxxx	03/29/25 3:58
98)	26	0327_64.D	xxxxxxxxxx	03/29/25 4:40
99)	28	0327_66.D	xxxxxxxxxx	03/29/25 5:17
100)	29	0327_67.D	xxxxxxxxxx	03/29/25 5:53
101)	30	0327_68.D	xxxxxxxxxx	03/29/25 6:28
102)	31	0327_69.D	xxxxxxxxxx	03/29/25 7:05
103)	32	0327_70.D	xxxxxxxxxx	03/29/25 7:41
104)	33	0327_71.D	xxxxxxxxxx	03/29/25 8:16
105)	34	0327_72.D	xxxxxxxxxx	03/29/25 8:51
106)	35	0327_73.D	xxxxxxxxxx	03/29/25 9:24
107)	36	0327_74.D	xxxxxxxxxx	03/29/25 10:01
108)	37	0327_75.D	xxxxxxxxxx	03/29/25 10:36

Injection Log

Data Directory: H:\AIR2025\CHEM39\03MAR\25\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	0325_03.D	xxxxxxxxxx		N/A
2)	0	0325_09.D	xxxxxxxxxx		N/A
3)	10	0325_01.D	xxxxxxxxxx		03/25/25 11:17
4)	11	0325_02.D	xxxxxxxxxx		03/25/25 11:55
5)	14	0325_05.D	xxxxxxxxxx		03/25/25 12:28
6)	15	0325_06.D	xxxxxxxxxx		03/25/25 13:03
7)	16	0325_07.D	xxxxxxxxxx		03/25/25 13:38
8)	17	0325_08.D	xxxxxxxxxx		03/25/25 14:12
9)	17	0325_10.D	xxxxxxxxxx		03/25/25 14:55
10)	18	0325_11.D	BFB TUNE	0/0	03/25/25 15:30
11)	19	0325_12.D	ICAL 0.01	0.01ppbv	03/25/25 16:07
12)	20	0325_13.D	ICAL 0.02	0.02 ppbv	03/25/25 16:45
13)	21	0325_14.D	ICAL 0.035	0.035 ppbv	03/25/25 17:23
14)	22	0325_15.D	ICAL 0.05	0.05 ppbv	03/25/25 18:03
15)	23	0325_16.D	ICAL 0.1	0.10 ppbv	03/25/25 18:40
16)	24	0325_17.D	ICAL 0.2	0.20 ppbv	03/25/25 19:17
17)	25	0325_18.D	ICAL 0.5	0.5 ppbv	03/25/25 19:56
18)	26	0325_19.D	ICAL 2.5	2.5 ppbv	03/25/25 20:35
19)	27	0325_20.D	ICAL 5	5.0 ppbv	03/25/25 21:12
20)	28	0325_21.D	ICAL 25	25 ppbv	03/25/25 21:51
21)	29	0325_22.D	ICAL 40	40 ppbv	03/25/25 22:33
22)	30	0325_23.D	ICAL 1	1.0 ppbv	03/25/25 23:10
23)	31	0325_24.D	ICAL 10	10.0 ppbv	03/25/25 23:48
24)	32	0325_25.D	ICV_CHEM39_0325	10 ppbv LCs	03/26/25 0:27
25)	33	0325_26.D	xxxxxxxxxx		03/26/25 1:02
26)	34	0325_27.D	xxxxxxxxxx		03/26/25 1:39

Injection Log

Data Directory: H:\AIR2025\CHEM39\03MAR\26\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	0326_01.D	xxxxxxxxxx		03/26/25 13:10
2)	1	0326_02.D	BFB TUNE - CCAL 1	1ppb cCal; TO1514A	03/26/25 13:47
3)	1	0326_03.D	xxxxxxxxxx		03/26/25 14:24
4)	1	0326_04.D	CS90762 LCS	CS90762 LCS	03/26/25 15:31
5)	1	0326_05.D	CS90762 BLANK	CS90762 BLANK	03/26/25 16:36
6)	1	0326_06.D	xxxxxxxxxx		03/26/25 17:12
7)	2	0326_07.D	CS90762 QC 0.5X	CS90762 QC 0.5X	03/26/25 17:56
8)	3	0326_08.D	CS90762 DUP 0.5X	CS90762 DUP 0.5X	03/26/25 18:39
9)	4	0326_09.D	xxxxxxxxxx		03/26/25 19:35
10)	5	0326_10.D	xxxxxxxxxx		03/26/25 20:32
11)	6	0326_11.D	xxxxxxxxxx		03/26/25 21:15
12)	7	0326_12.D	IA25-12	CS91400	03/26/25 21:55
13)	8	0326_13.D	IA25-16	CS91401	03/26/25 22:35
14)	9	0326_14.D	IA25-05	CS91402	03/26/25 23:14
15)	10	0326_15.D	IA25-13	CS91403	03/26/25 23:54
16)	11	0326_16.D	xxxxxxxxxx		03/27/25 0:34
17)	12	0326_17.D	xxxxxxxxxx		03/27/25 1:48
18)	13	0326_18.D	xxxxxxxxxx		03/27/25 2:31
19)	14	0326_19.D	xxxxxxxxxx		03/27/25 3:11
20)	15	0326_20.D	xxxxxxxxxx		03/27/25 3:48
21)	16	0326_21.D	xxxxxxxxxx		03/27/25 4:25
22)	17	0326_22.D	xxxxxxxxxx		03/27/25 5:02
23)	18	0326_23.D	xxxxxxxxxx		03/27/25 5:30
24)	19	0326_24.D	xxxxxxxxxx		03/27/25 6:07
25)	20	0326_25.D	xxxxxxxxxx		03/27/25 6:42
26)	21	0326_26.D	xxxxxxxxxx		03/27/25 7:19
27)	22	0326_27.D	xxxxxxxxxx		03/27/25 8:03
28)	23	0326_28.D	xxxxxxxxxx		03/27/25 8:39
29)	23	0326_29.D	xxxxxxxxxx		03/27/25 9:59
30)	23	0326_30.D	xxxxxxxxxx		03/27/25 12:43
31)	1	0327_01.D	xxxxxxxxxx		03/27/25 13:42
32)	1	0327_02.D	xxxxxxxxxx		03/27/25 14:20
33)	1	0327_03.D	xxxxxxxxxx		03/27/25 16:02
34)	1	0327_04.D	xxxxxxxxxx		03/27/25 16:37
35)	1	0327_05.D	xxxxxxxxxx		03/27/25 17:15

ATTACHMENT C

All Tabulated Data from April 2024 Sampling with Qualifiers Highlighted

QUALIFIERS & SAMPLE NOTES:

E = Estimated value quantified above calibration range for this compound.
[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.

Results Below are listed as follows:
Compound Name, Result (ppb), RL (ppb), MDL (ppb), Result (ug/m^3), RL (ug/m^3), MDL (ug/m^3), Date Collected, Tech Initials, Dilution
ppb = parts per billion
ug/m^3 = micrograms per cubic meter
RL = Reporting Limit
MDL = Method Detection Limit

IA25-01
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 1.54 *0.204* 0.204 7.57 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol 17.4 *0.531* 0.531 32.8 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-02
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 2.05 *0.204* 0.204 10.1 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol 19.4 *0.531* 0.531 36.5 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-03
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 1.87 *0.204* 0.204 9.19 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol 15.8 *0.531* 0.531 29.8 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-04
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 2.02 *0.204* 0.204 9.9 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol 17.9 *0.531* 0.531 33.7 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-05
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]

2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.589 *0.204* 0.204 2.89 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol 37.9 *0.531* 0.531 71.4 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-06
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 1.21 *0.204* 0.204 5.94 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **43.0 E** *0.531* 0.531 81.0 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 0.375 *0.278* 0.278 1.35 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-07
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.949 *0.204* 0.204 4.66 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **65.2 E** *0.531* 0.531 123 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 0.442 *0.278* 0.278 1.59 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-08
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.752 *0.204* 0.204 3.69 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **106 E** *0.531* 0.531 200 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate 0.488 *0.278* 0.278 1.76 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran 0.397 *0.339* 0.339 1.17 *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-09
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.550 *0.204* 0.204 2.70 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **70.1 E** *0.531* 0.531 132 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate 0.301 *0.278* 0.278 1.08 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-10
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.760 *0.204* 0.204 3.73 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **324 E** *0.531* 0.531 610 *1.00* 1.00 03/27/25 KCA 1 [1]

Ethyl acetate 1.65 *0.278* 0.278 5.94 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran 0.489 *0.339* 0.339 1.44 *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-11
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.790 *0.204* 0.204 3.88 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **158 E** *0.531* 0.531 298 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate 1.25 *0.278* 0.278 4.50 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran 0.456 *0.339* 0.339 1.34 *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-12
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.389 *0.204* 0.204 1.91 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **86.0 E** *0.531* 0.531 162 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 1.05 *0.278* 0.278 3.78 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-13
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.457 *0.204* 0.204 2.25 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **88.6 E** *0.531* 0.531 167 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 0.471 *0.278* 0.278 1.70 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-14A
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.679 *0.204* 0.204 3.34 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **645 E** *0.531* 0.531 1210 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 1.12 *0.278* 0.278 4.03 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran 0.584 *0.339* 0.339 1.72 *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-14B
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.252 *0.204* 0.204 1.24 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **444 E** *0.531* 0.531 836 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate 0.757 *0.278* 0.278 2.73 *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]

sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran 0.427 *0.339* 0.339 1.26 *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-15
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.835 *0.204* 0.204 4.10 *1.00* 1.00 03/27/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **334 E** *0.531* 0.531 629 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate 1.39 *0.278* 0.278 5.01 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

IA25-16
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.866 *0.204* 0.204 4.25 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol **40.4 E** *0.531* 0.531 76.1 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-17
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 1.07 *0.204* 0.204 5.26 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Ethanol 31.7 *0.531* 0.531 59.7 *1.00* 1.00 03/26/25 KCA 1 [1]
Ethyl acetate ND *0.278* 0.278 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

OA25-01
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 1.59 *0.204* 0.204 7.81 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

OA25-02
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/26/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/26/25 KCA 1 [1]
4-Ethyltoluene 0.824 *0.204* 0.204 4.05 *1.00* 1.00 03/26/25 KCA 1 [1]
4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/26/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/26/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/26/25 KCA 1 [1]

IA25-DUP
1,1,1,2-Tetrachloroethane ND *0.146* 0.146 ND *1.00* 1.00 03/27/25 KCA 1 [1]
2-Hexanone (MBK) ND *0.244* 0.244 ND *1.00* 1.00 03/27/25 KCA 1 [1]
4-Ethyltoluene 0.489 *0.204* 0.204 2.40 *1.00* 1.00 03/27/25 KCA 1 [1]

4-Isopropyltoluene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Ethanol **71.1 E** *0.531* 0.531 134 *1.00* 1.00 03/27/25 KCA 1 [1]
Ethyl acetate 0.283 *0.278* 0.278 1.02 *1.00* 1.00 03/27/25 KCA 1 [1]
n-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Propylene ND *0.581* 0.581 ND *1.00* 1.00 03/27/25 KCA 1 [1]
sec-Butylbenzene ND *0.182* 0.182 ND *1.00* 1.00 03/27/25 KCA 1 [1]
Tetrahydrofuran ND *0.339* 0.339 ND *1.00* 1.00 03/27/25 KCA 1 [1]

APPENDIX D
2025 Indoor Air Quality Sampling
Tenant Notification Letters

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

June 11, 2025

Vacant Spaces – First Floor
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Ownership:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for 135 Kent LLC, placed indoor air sample canisters in the vacant first floor of your building. A total of five indoor air samples were collected from the first floor as part of this indoor air quality (IAQ) sampling event. Samples, IA25-01, IA25-02, IA25-03, and IA25-04 were collected in a wide-open space on the first floor which is currently undergoing renovation and there are no interior partitions. A fifth indoor air sample, IA25-05, was collected within a hallway on the south side of the building near the elevator shaft. The canisters collected air for 8 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The results for the samples collected from the first floor were reported as follows:

- IA25-01: The PCE air concentration detected in the indoor air was 3.34 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentration detected in the indoor air was 0.34 $\mu g/m^3$.
- IA25-02: The PCE air concentration detected in the indoor air was 4.4 $\mu g/m^3$ and the TCE air concentration detected in the indoor air was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- IA25-03: The PCE air concentration detected in the indoor air was 3.18 $\mu g/m^3$ and the TCE air concentration detected in the indoor air was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- IA25-04: The PCE air concentration detected in the indoor air was 5.06 $\mu g/m^3$ and the TCE air concentration detected in the indoor air was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- IA25-05: The PCE air concentration detected in the indoor air was 4.21 $\mu g/m^3$ and the TCE air concentration detected in the indoor air was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.

The March 2025 PCE and TCE indoor air concentrations for the first floor is below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City.

Rock Enviro, LLC
170 Lee Avenue, Brooklyn, NY
(718) 858-6655
rockenviro.com

A summary table of results for sampling in the first floor is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sample Results (First Floor)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/24/2025		3/24/2025		3/24/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		8-hr		8-hr		8-hr		Collection Period
		1st floor		1st floor		1st floor		1st floor		1st floor		1st floor		1st floor		Floor
		Outside		Outside		Hallway		Vacant		Vacant		Vacant		Vacant		Sample Location
		OA25-01		OA25-02		IA25-05		IA25-01		IA25-02		IA25-03		IA25-04		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**2.54**	1.00	**5.65**	1.00	**8.89**	1.00	**6.73**	1.00	**8.4**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	< 1.00	1.00	**2.17**	1.00	**2.85**	1.00	**2.64**	1.00	**2.71**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**2.89**	1.00	**7.57**	1.00	**10.1**	1.00	**9.19**	1.00	**9.92**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**12.2**	1.00	**12.4**	1.00	**15.6**	1.00	**12.2**	1.00	**15.5**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.73**	1.00	**2.65**	1.00	**2.63**	1.00	**2.87**	1.00	**2.67**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.42**	0.20	**0.41**	0.20	**0.49**	0.20	**0.44**	0.20	**0.48**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.35**	1.00	**1.02**	1.00	**1.31**	1.00	**1.18**	1.00	**1.25**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**1.96**	1.00	**3.92**	1.00	**4.16**	1.00	**4.47**	1.00	**4.13**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.47**	1.00	**2.53**	1.00	**2.3**	1.00	**2.53**	1.00	**2.27**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**71.4**	1.00	**32.8**	1.00	**36.5**	1.00	**29.8**	1.00	**33.7**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.1**	1.00	**4.38**	1.00	**5.38**	1.00	**5.25**	1.00	**5.42**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**3.59**	1.00	**7.86**	1.00	**9.17**	1.00	**9.17**	1.00	**9.13**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.35**	1.00	**4.23**	1.00	**4.65**	1.00	**4.79**	1.00	**4.65**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.66**	1.00	**1.84**	1.00	**2.6**	1.00	**2.05**	1.00	**2.58**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**3.98**	1.00	**4.42**	1.00	**5.82**	1.00	**4.57**	1.00	**5.4**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.19**	1.00	**1.17**	1.00	**1.19**	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**6.55**	1.00	**13.6**	1.00	**17.1**	1.00	**15.7**	1.00	**17.1**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**14.7**	1.00	**18.4**	1.00	**20.2**	1.00	**26.3**	1.00	**17.4**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**2.43**	1.00	**4.99**	1.00	**6.86**	1.00	**6.08**	1.00	**6.68**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**4.21**	0.25	**3.34**	0.25	**4.4**	0.25	**3.18**	0.25	**5.06**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**5.99**	1.00	**10.1**	1.00	**12.8**	1.00	**12.1**	1.00	**12.8**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.34**	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.1**	1.00	< 1.00	1.00	**1.24**	1.00	< 1.00	1.00	**1.2**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**30.90**		**61.39**		**77.09**		**71.85**		**76.27**		
Total CVOCs	~	**5.16**		**5.30**		**4.63**		**4.09**		**4.89**		**3.62**		**5.54**		
Total VOCs	~	**153.19**		**128.57**		**145.62**		**144.62**		**176.24**		**162.41**		**169.64**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19806				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91402

Project ID: 135 KENT
Client ID: IA25-05

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.518	*0.204*	0.204	2.54	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.589	*0.204*	0.204	2.89	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.13	*0.421*	0.421	12.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.543	*0.313*	0.313	1.73	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.032	0.42	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.654	*0.485*	0.485	1.35	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.571	*0.291*	0.291	1.96	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.500	*0.202*	0.202	2.47	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	37.9	*0.531*	0.531	71.4	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.483	*0.230*	0.230	2.10	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.877	*0.244*	0.244	3.59	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.668	*0.284*	0.284	2.35	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.357	*0.215*	0.215	1.66	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	1.62	*0.407*	0.407	3.98	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.51	*0.230*	0.230	6.55	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	4.98	*0.339*	0.339	14.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.559	*0.230*	0.230	2.43	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.621	*0.037*	0.037	4.21	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.59	*0.266*	0.266	5.99	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	0.178	1.10	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	93	*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92	*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	%	96	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-05

Phoenix I.D.: CS91402

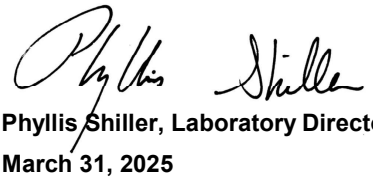
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:06
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	225				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91399

Project ID: 135 KENT
Client ID: IA25-04

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.71	*0.204*	0.204	8.40	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.551	*0.204*	0.204	2.71	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	2.02	*0.204*	0.204	9.9	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	6.52	*0.421*	0.421	15.5	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.835	*0.313*	0.313	2.67	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.077	*0.032*	0.032	0.48	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.605	*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.20	*0.291*	0.291	4.13	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.459	*0.202*	0.202	2.27	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.9	*0.531*	0.531	33.7	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.25	*0.230*	0.230	5.42	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.23	*0.244*	0.244	9.13	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.554	*0.215*	0.215	2.58	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	2.20	*0.407*	0.407	5.40	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.92	*0.339*	0.339	17.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.54	*0.230*	0.230	6.68	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.746	*0.037*	0.037	5.06	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.40	*0.266*	0.266	12.8	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.214	*0.178*	0.178	1.20	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	90	*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	105	*%*	%	105	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-04

Phoenix I.D.: CS91399

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	17:08
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21362				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91392

Project ID: 135 KENT
Client ID: IA25-03

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.37	*0.204*	0.204	6.73	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.537	*0.204*	0.204	2.64	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.87	*0.204*	0.204	9.19	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.15	*0.421*	0.421	12.2	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.898	*0.313*	0.313	2.87	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.070	*0.032*	0.032	0.44	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.573	*0.485*	0.485	1.18	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.30	*0.291*	0.291	4.47	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	15.8	*0.531*	0.531	29.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.21	*0.230*	0.230	5.25	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.36	*0.284*	0.284	4.79	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.440	*0.215*	0.215	2.05	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.86	*0.407*	0.407	4.57	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	0.239	*0.204*	0.204	1.17	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.61	*0.230*	0.230	15.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.91	*0.339*	0.339	26.3	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.40	*0.230*	0.230	6.08	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.469	*0.037*	0.037	3.18	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.20	*0.266*	0.266	12.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	104	*%*	%	104	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	%	96	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-03

Phoenix I.D.: CS91392

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	9:07
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19962				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91409

Project ID: 135 KENT
Client ID: IA25-02

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.81	*0.204*	0.204	8.89	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.580	*0.204*	0.204	2.85	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	2.05	*0.204*	0.204	10.1	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.57	*0.421*	0.421	15.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.825	*0.313*	0.313	2.63	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.078	*0.032*	0.032	0.49	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.633	*0.485*	0.485	1.31	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	1.21	*0.291*	0.291	4.16	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.466	*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	19.4	*0.531*	0.531	36.5	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	1.24	*0.230*	0.230	5.38	*1.00*	1.00	03/26/25	KCA	1	
Heptane	2.24	*0.244*	0.244	9.17	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	1.32	*0.284*	0.284	4.65	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.559	*0.215*	0.215	2.60	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.37	*0.407*	0.407	5.82	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	0.243	*0.204*	0.204	1.19	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	3.95	*0.230*	0.230	17.1	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.86	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	1.58	*0.230*	0.230	6.86	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.649	*0.037*	0.037	4.40	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	3.39	*0.266*	0.266	12.8	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	91	*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90	*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	%	102	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-02

Phoenix I.D.: CS91409

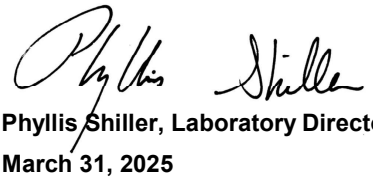
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

March 31, 2025

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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	19:09
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18259				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91405

Project ID: 135 KENT
Client ID: IA25-01

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.441	*0.204*	0.204	2.17	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	1.54	*0.204*	0.204	7.57	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	5.21	*0.421*	0.421	12.4	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.830	*0.313*	0.313	2.65	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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	03/27/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.492	*0.485*	0.485	1.02	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	1.14	*0.291*	0.291	3.92	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.512	*0.202*	0.202	2.53	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	17.4	*0.531*	0.531	32.8	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	1.01	*0.230*	0.230	4.38	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.92	*0.244*	0.244	7.86	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	1.20	*0.284*	0.284	4.23	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.395	*0.215*	0.215	1.84	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	1.80	*0.407*	0.407	4.42	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	3.13	*0.230*	0.230	13.6	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	6.23	*0.339*	0.339	18.4	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	1.15	*0.230*	0.230	4.99	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.493	*0.037*	0.037	3.34	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.69	*0.266*	0.266	10.1	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	0.064	*0.037*	0.037	0.34	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	%	107	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	105	*%*	%	105	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	%	119	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-01

Phoenix I.D.: CS91405

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:

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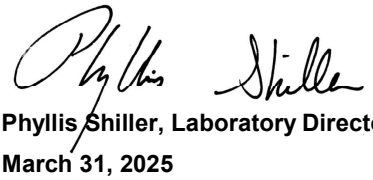


Phyllis Shiller, Laboratory Director
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

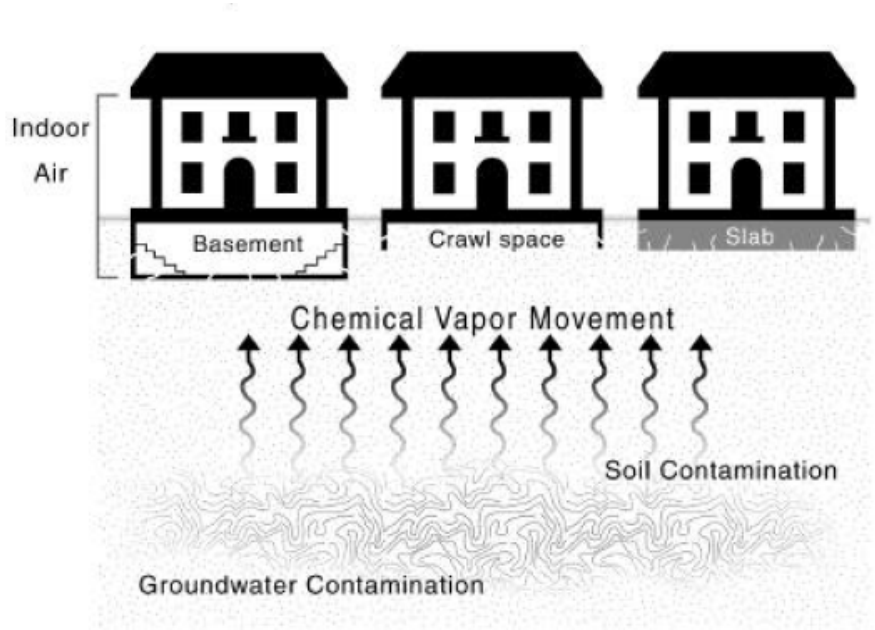
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

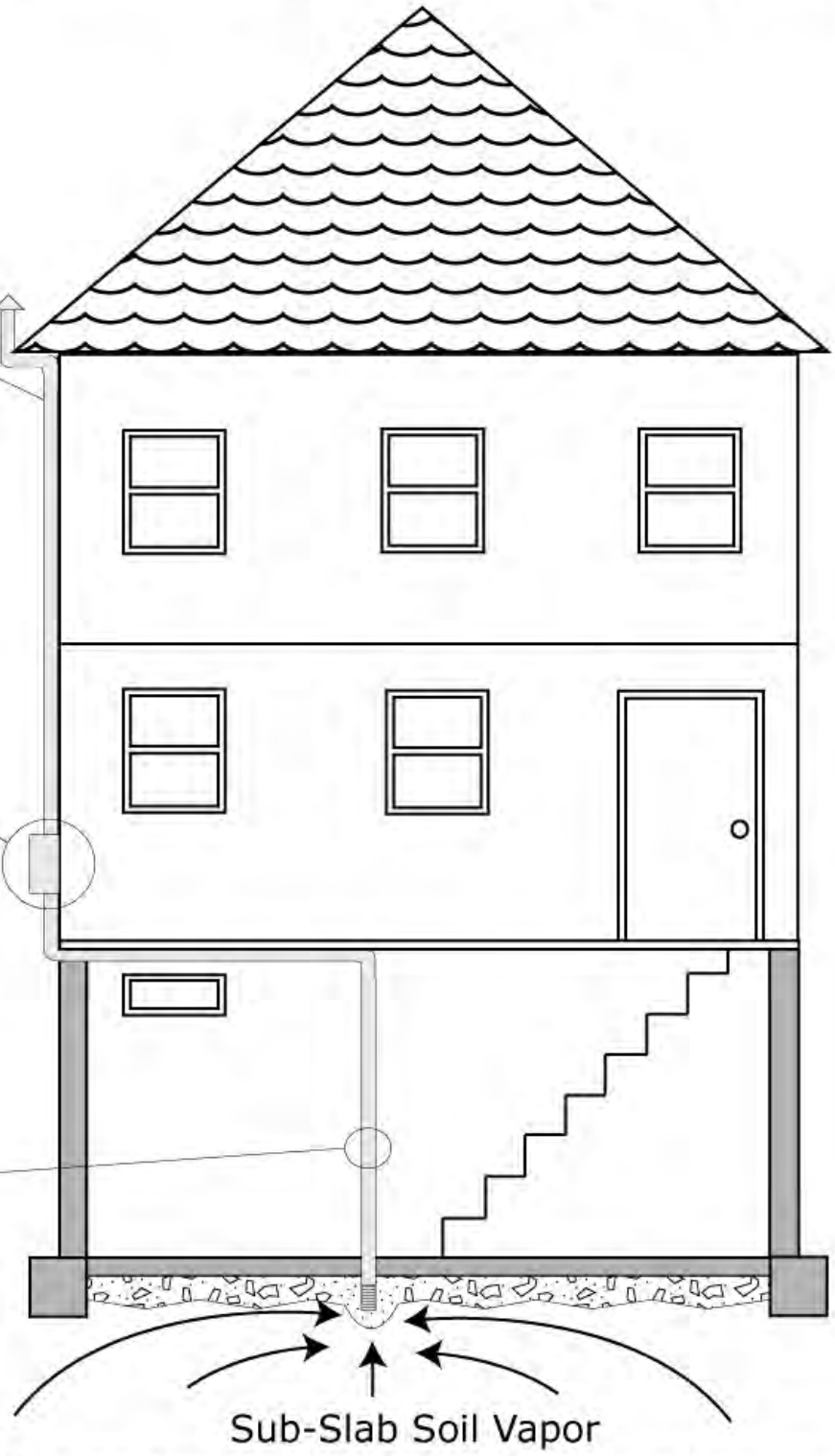
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

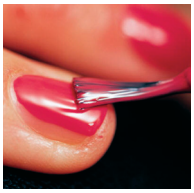
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Vacant Spaces - Apartments C-1, C-2, C-3 & C-6
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Ownership:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for 135 Kent LLC, placed indoor air sample canisters in vacant apartment spaces on the second floor of your building. These vacant tenant spaces included units C-1, C-2, C-3 & C-6. Sample, IA25-06 was collected in unit C-1, IA25-07 was collected in unit C-2, IA25-08 was collected in unit C-3, and IA25-11 was collected in unit C-6. The canisters collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The results for each of the vacant tenant spaces were reported as follows:

- Apt. C-1: The PCE air concentrations detected in the indoor air of apartment C-1 was 3.99 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentrations detected in the indoor air of your apartment were both non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- Apt. C-2: The PCE air concentrations detected in the indoor air of apartment C-2 was 5.14 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentrations detected in the indoor air of your apartment were both non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- Apt. C-3: The PCE air concentrations detected in the indoor air of apartment C-1 was 3.29 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentrations detected in the indoor air of your apartment were both non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.
- Apt. C-6: The PCE air concentrations detected in the indoor air of apartment C-1 was 3.67 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentrations detected in the indoor air of your apartment were both non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$.

The March 2025 PCE and TCE indoor air concentrations for these vacant apartments are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for each of these vacant units, sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Rock Enviro, LLC
170 Lee Avenue, Brooklyn, NY
(718) 858-6655
rockenviro.com

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

March 2025
Indoor Air Quality Sampling
135 Kent Ave. Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		3/25/2025		3/25/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		24-hr		24-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-1		Apt C-2		Apt C-3		Apt C-6		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-06		IA25-07		IA25-08		IA25-11		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**5.21**	1.00	**5.7**	1.00	**4.48**	1.00	**3.76**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**2.23**	1.00	**2.31**	1.00	**2.1**	1.00	**1.75**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.36**	1.00	**1.32**	1.00	**1.33**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**5.94**	1.00	**4.66**	1.00	**3.69**	1.00	**3.88**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**16.3**	1.00	**24.9**	1.00	**21.7**	1.00	**28.3**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.44**	1.00	**1.32**	1.00	**1.33**	1.00	**1.7**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.76**	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.45**	0.20	**0.48**	0.20	**0.42**	0.20	**0.45**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**1.57**	1.00	**1.92**	1.00	**1.78**	1.00	**2.59**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.21**	1.00	**1.33**	1.00	**1.25**	1.00	**1.41**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.59**	1.00	**1.54**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.42**	1.00	**2.41**	1.00	**2.45**	1.00	**2.8**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**81**	1.00	**123**	1.00	**200**	1.00	**298**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.35**	1.00	**1.59**	1.00	**1.76**	1.00	**4.5**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.65**	1.00	**1.65**	1.00	**1.16**	1.00	**2.44**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**3**	1.00	**2.69**	1.00	**2.01**	1.00	**3.61**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.95**	1.00	**1.96**	1.00	**1.6**	1.00	**2.38**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.15**	1.00	**1.39**	1.00	< 1.00	1.00	**1.34**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**5.53**	1.00	**8.2**	1.00	**19.8**	1.00	**12.3**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.08**	1.00	**5.16**	1.00	**3.3**	1.00	**7.07**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**28.3**	1.00	**24.4**	1.00	**24.9**	1.00	**32.7**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.04**	1.00	**2.14**	1.00	**1.46**	1.00	**2.55**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.38**	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**3.99**	0.25	**5.14**	0.25	**3.29**	0.25	**3.67**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.17**	1.00	**1.34**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.65**	1.00	**6.03**	1.00	**4.14**	1.00	**8.51**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	**1.19**	1.00	< 1.00	1.00	< 1.00	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**30.99**		**31.89**		**21.58**		**35.11**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**4.44**		**5.62**		**3.71**		**4.12**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**179.05**		**235.85**		**305.11**		**430.14**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49247				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91406

Project ID: 135 KENT
Client ID: IA25-17

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.829	*0.204*	0.204	4.07	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.328	*0.204*	0.204	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.07	*0.204*	0.204	5.26	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.55	*0.421*	0.421	13.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.630	*0.313*	0.313	2.01	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-17

Phoenix I.D.: CS91406

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	03/26/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066	*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.550	*0.485*	0.485	1.14	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.458	*0.202*	0.202	2.26	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	31.7	*0.531*	0.531	59.7	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.749	*0.230*	0.230	3.25	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.45	*0.244*	0.244	5.94	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.956	*0.284*	0.284	3.37	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.295	*0.215*	0.215	1.37	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.14	*0.407*	0.407	5.26	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	2.20	*0.230*	0.230	9.5	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	6.84	*0.339*	0.339	20.2	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.809	*0.230*	0.230	3.51	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.808	*0.037*	0.037	5.48	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	2.05	*0.266*	0.266	7.72	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	109	*%*	%	109	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	101	*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	109	*%*	%	109	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-17

Phoenix I.D.: CS91406

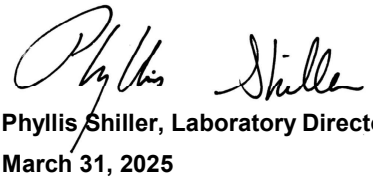
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/24/25	18:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	483				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91401

Project ID: 135 KENT
Client ID: IA25-16

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.803	*0.204*	0.204	3.95	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.304	*0.204*	0.204	1.49	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.866	*0.204*	0.204	4.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	5.98	*0.421*	0.421	14.2	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.518	*0.313*	0.313	1.65	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.610		*0.485*	0.485	1.26	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.688		*0.291*	0.291	2.37	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	40.4	E	*0.531*	0.531	76.1	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.610		*0.230*	0.230	2.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	1.27		*0.244*	0.244	5.20	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.768		*0.284*	0.284	2.71	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.334		*0.215*	0.215	1.56	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.43		*0.407*	0.407	5.97	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.89		*0.230*	0.230	8.20	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.08		*0.339*	0.339	15.0	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.705		*0.230*	0.230	3.06	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.906		*0.037*	0.037	6.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.88		*0.266*	0.266	7.08	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.192		*0.178*	0.178	1.08	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	97		*%*	%	97	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-16

Phoenix I.D.: CS91401

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:11
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28552				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91394

Project ID: 135 KENT
Client ID: IA25-11

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.765	*0.204*	0.204	3.76	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.356	*0.204*	0.204	1.75	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.222	*0.166*	0.166	1.33	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.790	*0.204*	0.204	3.88	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	11.9	*0.421*	0.421	28.3	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.534	*0.313*	0.313	1.70	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	0.567		*0.321*	0.321	1.76	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.072		*0.032*	0.032	0.45	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.530		*0.205*	0.205	2.59	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.685		*0.485*	0.485	1.41	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.566		*0.202*	0.202	2.80	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	158	E	*0.531*	0.531	298	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.25		*0.278*	0.278	4.50	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.562		*0.230*	0.230	2.44	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.882		*0.244*	0.244	3.61	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.675		*0.284*	0.284	2.38	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.288		*0.215*	0.215	1.34	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.01		*0.407*	0.407	12.3	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.63		*0.230*	0.230	7.07	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	11.1		*0.339*	0.339	32.7	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.587		*0.230*	0.230	2.55	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.541		*0.037*	0.037	3.67	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.456		*0.339*	0.339	1.34	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	2.26		*0.266*	0.266	8.51	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	118		*%*	%	118	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	87		*%*	%	87	*%*	%	03/27/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-11

Phoenix I.D.: CS91394

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:45
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49245				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91407

Project ID: 135 KENT
Client ID: IA25-08

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.911	*0.204*	0.204	4.48	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.428	*0.204*	0.204	2.10	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.220	*0.166*	0.166	1.32	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.752	*0.204*	0.204	3.69	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	9.13	*0.421*	0.421	21.7	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.416	*0.313*	0.313	1.33	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.067		*0.032*	0.032	0.42	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.364		*0.205*	0.205	1.78	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.608		*0.485*	0.485	1.25	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.496		*0.202*	0.202	2.45	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	106	E	*0.531*	0.531	200	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.488		*0.278*	0.278	1.76	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.267		*0.230*	0.230	1.16	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.490		*0.244*	0.244	2.01	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.455		*0.284*	0.284	1.60	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	8.07		*0.407*	0.407	19.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	0.760		*0.230*	0.230	3.30	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.45		*0.339*	0.339	24.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.337		*0.230*	0.230	1.46	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.486		*0.037*	0.037	3.29	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.397		*0.339*	0.339	1.17	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.10		*0.266*	0.266	4.14	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	97		*%*	%	97	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-08

Phoenix I.D.: CS91407

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

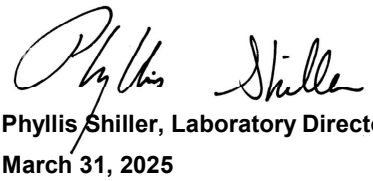
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:44
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23350				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91397

Project ID: 135 KENT
Client ID: IA25-07

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.16	*0.204*	0.204	5.70	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.471	*0.204*	0.204	2.31	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.227	*0.166*	0.166	1.36	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.949	*0.204*	0.204	4.66	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	10.5	*0.421*	0.421	24.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.413	*0.313*	0.313	1.32	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.076		*0.032*	0.032	0.48	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.394		*0.205*	0.205	1.92	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.645		*0.485*	0.485	1.33	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.448		*0.291*	0.291	1.54	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	65.2	E	*0.531*	0.531	123	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.442		*0.278*	0.278	1.59	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.380		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.658		*0.244*	0.244	2.69	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.557		*0.284*	0.284	1.96	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.299		*0.215*	0.215	1.39	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.34		*0.407*	0.407	8.20	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.19		*0.230*	0.230	5.16	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.28		*0.339*	0.339	24.4	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.494		*0.230*	0.230	2.14	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	0.794		*0.235*	0.235	3.38	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.758		*0.037*	0.037	5.14	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.60		*0.266*	0.266	6.03	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.212		*0.178*	0.178	1.19	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	93		*%*	%	93	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-07

Phoenix I.D.: CS91397

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
March 31, 2025
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:43
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23346				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91404

Project ID: 135 KENT
Client ID: IA25-06

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	1.06	*0.204*	0.204	5.21	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.453	*0.204*	0.204	2.23	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	6.88	*0.421*	0.421	16.3	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.450	*0.313*	0.313	1.44	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.071		*0.032*	0.032	0.45	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.321		*0.205*	0.205	1.57	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.587		*0.485*	0.485	1.21	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.463		*0.291*	0.291	1.59	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	43.0	E	*0.531*	0.531	81.0	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.375		*0.278*	0.278	1.35	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.381		*0.230*	0.230	1.65	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.733		*0.244*	0.244	3.00	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.553		*0.284*	0.284	1.95	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.246		*0.215*	0.215	1.15	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	2.25		*0.407*	0.407	5.53	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.17		*0.230*	0.230	5.08	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	9.61		*0.339*	0.339	28.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.471		*0.230*	0.230	2.04	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.588		*0.037*	0.037	3.99	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.50		*0.266*	0.266	5.65	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	111		*%*	%	111	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-06

Phoenix I.D.: CS91404

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

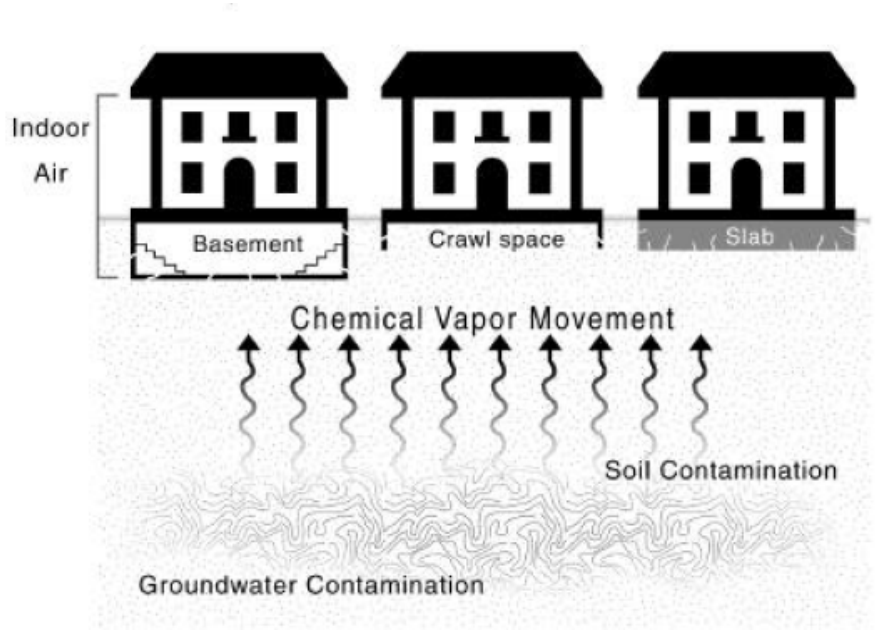
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

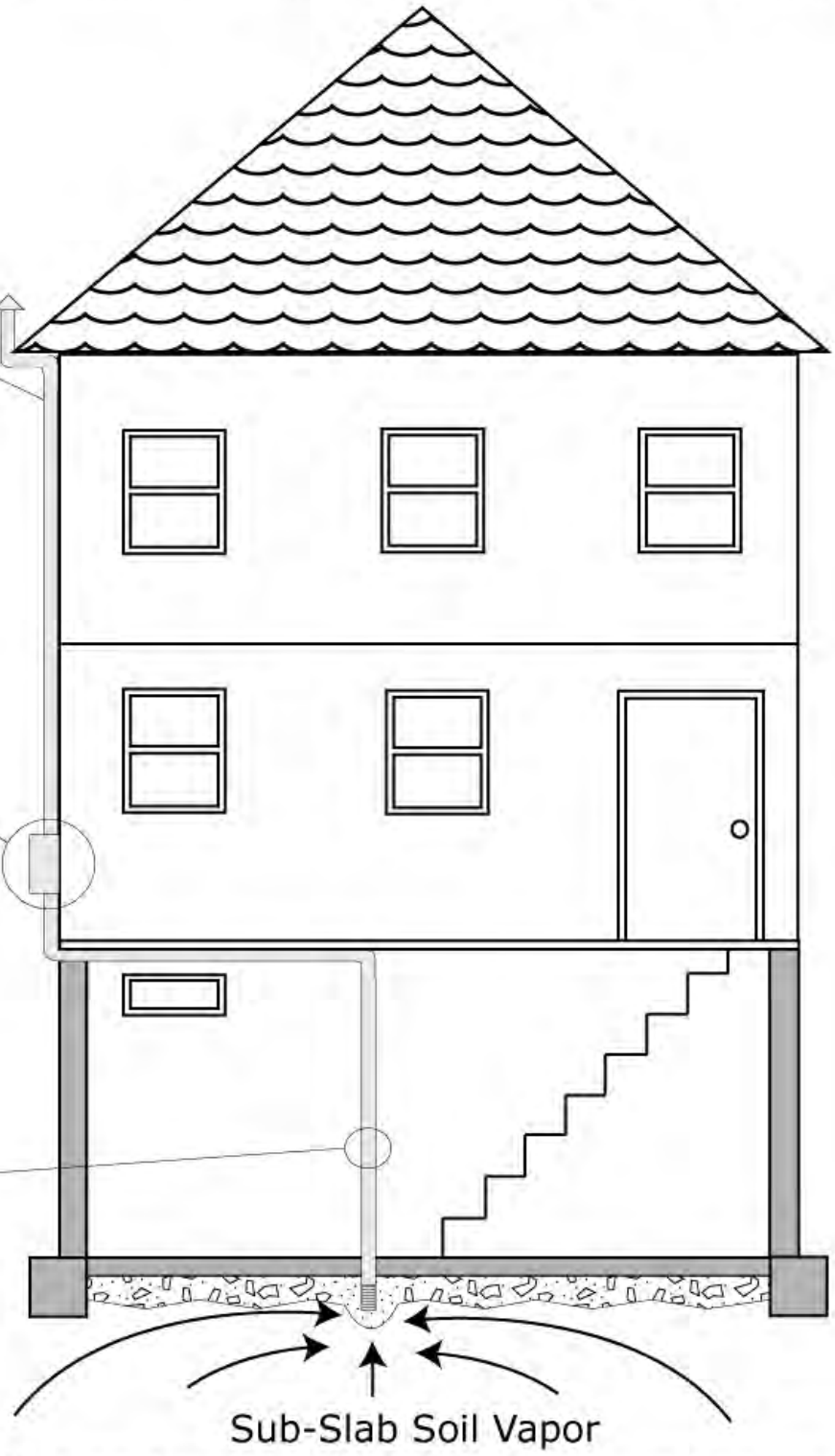
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

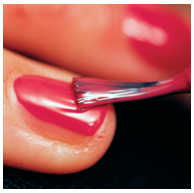
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-4
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed two indoor air sample canisters outside your apartment with instructions for them to be relocated inside once you returned to your tenant space (Apt C-4). Sample, IA25-09, was the sample intended for your apartment, and it was paired with sample, IA25-DUP, a duplicate sample used for QAQC purposes. The canisters collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentrations detected in the indoor air of your apartment were 8.41 and 8.07 micrograms per cubic meter ($\mu g/m^3$); the TCE air concentrations detected in the indoor air of your apartment were both non-detect (i.e., below the laboratory reporting limit of 0.20 $\mu g/m^3$). The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Tables, Lab Results & DOH Fact Sheet Attached

Rock Enviro, LLC
170 Lee Avenue, Brooklyn, NY
(718) 858-6655
rockenviro.com

Table - IAQ Sampling Data (Apt C-4)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-4		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-09		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**2.45**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	< 1.00	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**2.7**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**94**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.28**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.47**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**1.51**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.38**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.42**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.35**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**132**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.72**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.63**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.72**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.3**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**8.43**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.6**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**16.8**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.17**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**8.41**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.16**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.25**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**25.45**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**8.88**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**295.83**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:46
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23871				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91395

Project ID: 135 KENT
Client ID: IA25-09

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.498	*0.204*	0.204	2.45	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.550	*0.204*	0.204	2.70	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	39.6	*0.421*	0.421	94.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.402	*0.313*	0.313	1.28	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.310		*0.205*	0.205	1.51	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.671		*0.485*	0.485	1.38	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.414		*0.291*	0.291	1.42	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.475		*0.202*	0.202	2.35	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	70.1	E	*0.531*	0.531	132	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	0.301		*0.278*	0.278	1.08	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.396		*0.230*	0.230	1.72	*1.00*	1.00	03/27/25	KCA	1	
Heptane	0.642		*0.244*	0.244	2.63	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.489		*0.284*	0.284	1.72	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.278		*0.215*	0.215	1.30	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	3.43		*0.407*	0.407	8.43	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.29		*0.230*	0.230	5.60	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	5.69		*0.339*	0.339	16.8	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.500		*0.230*	0.230	2.17	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	1.24		*0.037*	0.037	8.41	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.37		*0.266*	0.266	5.16	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.223		*0.178*	0.178	1.25	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	99		*%*	%	99	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	90		*%*	%	90	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-09

Phoenix I.D.: CS91395

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

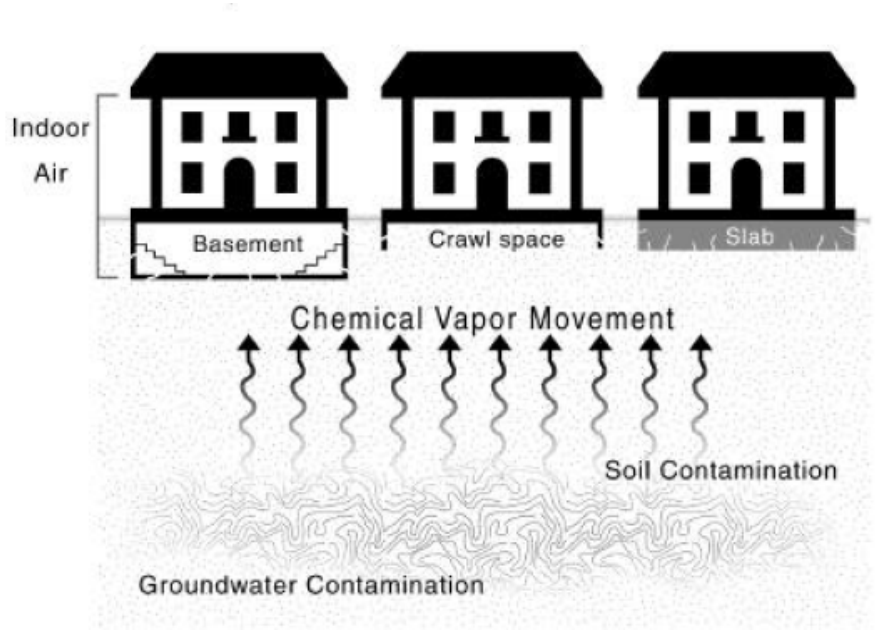
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

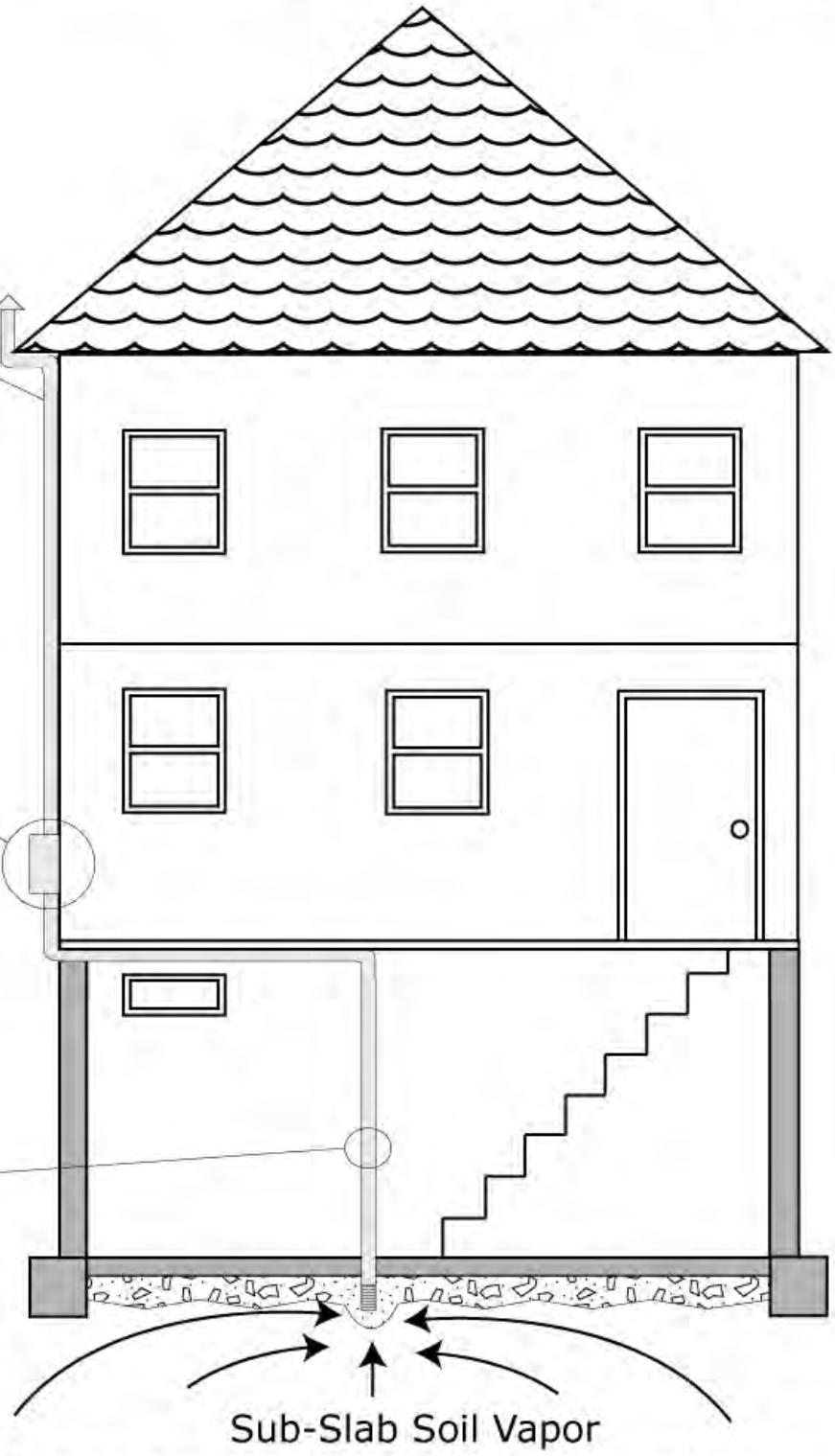
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

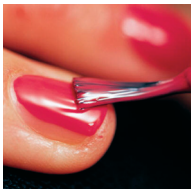
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-5
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed an indoor air sample canister in your apartment. The canister collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentration detected in the indoor air of your apartment was 4.05 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentration detected in the indoor air of your apartment was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$. The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sample Data (Apt C-5)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-5		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-10		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.42**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.43**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.23**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**3.73**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**76**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.95**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.24**	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.47**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**3.24**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.34**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.5**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**610**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**5.94**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**3.18**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**4.18**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.51**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.48**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**34.4**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**8.29**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**39.2**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.78**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**4.05**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.44**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**13.9**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**43.12**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**4.52**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**829.90**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:57
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28568				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91393

Project ID: 135 KENT
Client ID: IA25-10

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.697	*0.204*	0.204	3.42	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.292	*0.204*	0.204	1.43	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	0.205	*0.166*	0.166	1.23	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.760	*0.204*	0.204	3.73	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	32.0	*0.421*	0.421	76.0	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.612	*0.313*	0.313	1.95	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	1.04		*0.321*	0.321	3.24	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.032	0.47	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.665		*0.205*	0.205	3.24	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.648		*0.485*	0.485	1.34	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.505		*0.202*	0.202	2.50	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	324	E	*0.531*	0.531	610	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.65		*0.278*	0.278	5.94	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.733		*0.230*	0.230	3.18	*1.00*	1.00	03/27/25	KCA	1	
Heptane	1.02		*0.244*	0.244	4.18	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.712		*0.284*	0.284	2.51	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.318		*0.215*	0.215	1.48	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	14.0		*0.407*	0.407	34.4	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.91		*0.230*	0.230	8.29	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	13.3		*0.339*	0.339	39.2	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.641		*0.230*	0.230	2.78	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.597		*0.037*	0.037	4.05	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	0.489		*0.339*	0.339	1.44	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	3.70		*0.266*	0.266	13.9	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	121		*%*	%	121	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	89		*%*	%	89	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	84		*%*	%	84	*%*	%	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-10

Phoenix I.D.: CS91393

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

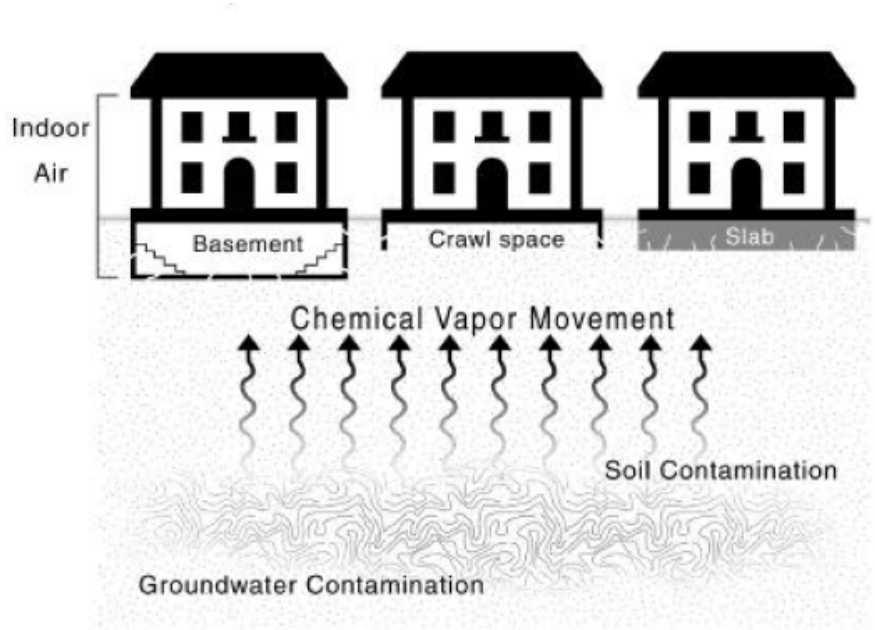
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

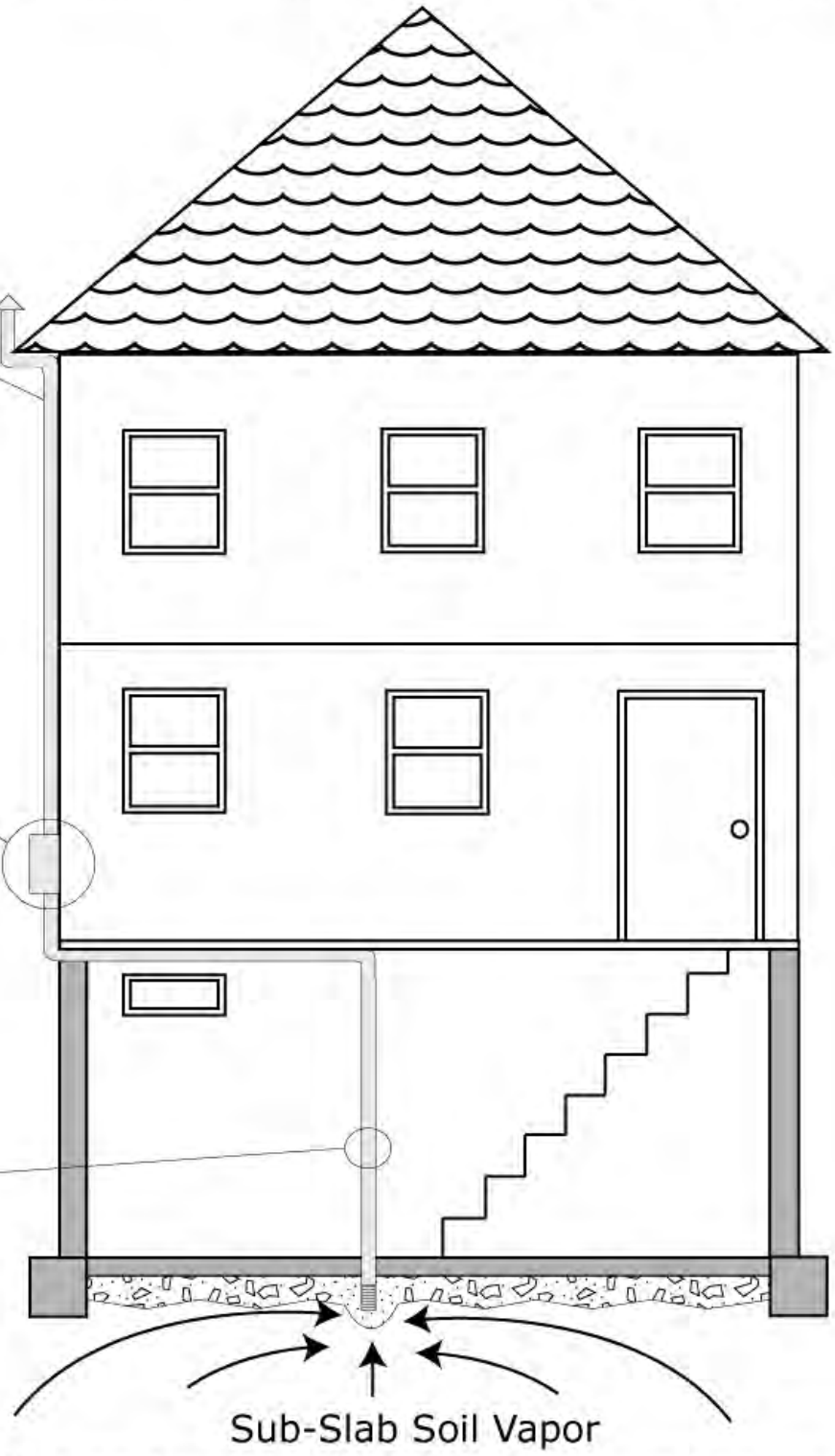
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

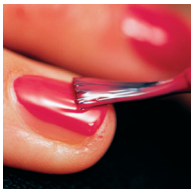
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-7
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed an indoor air sample canister in your apartment. The canister collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentration detected in the indoor air of your apartment was 4.57 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentration detected in the indoor air of your apartment was 0.23 $\mu g/m^3$. The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sampling Data (Apt C-7)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-7		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-12		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**1.55**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	< 1.00	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**1.91**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**23.5**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.51**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.4**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**2.12**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.32**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.4**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**162**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.78**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.57**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.73**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.08**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.46**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**7.71**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**4.86**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**20.9**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.77**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**4.57**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**5.88**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.23**	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.18**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**23.41**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**5.20**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**255.43**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:51
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19960				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91400

Project ID: 135 KENT
Client ID: IA25-12

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.315	*0.204*	0.204	1.55	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.389	*0.204*	0.204	1.91	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	9.88	*0.421*	0.421	23.5	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.473	*0.313*	0.313	1.51	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.063		*0.032*	0.032	0.40	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.434		*0.205*	0.205	2.12	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.639		*0.485*	0.485	1.32	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.486		*0.202*	0.202	2.40	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	86.0	E	*0.531*	0.531	162	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.05		*0.278*	0.278	3.78	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.361		*0.230*	0.230	1.57	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.666		*0.244*	0.244	2.73	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.591		*0.284*	0.284	2.08	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.313		*0.215*	0.215	1.46	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	3.14		*0.407*	0.407	7.71	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.12		*0.230*	0.230	4.86	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.08		*0.339*	0.339	20.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.408		*0.230*	0.230	1.77	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.674		*0.037*	0.037	4.57	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.56		*0.266*	0.266	5.88	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	0.042		*0.037*	0.037	0.23	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.211		*0.178*	0.178	1.18	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	94		*%*	%	94	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-12

Phoenix I.D.: CS91400

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

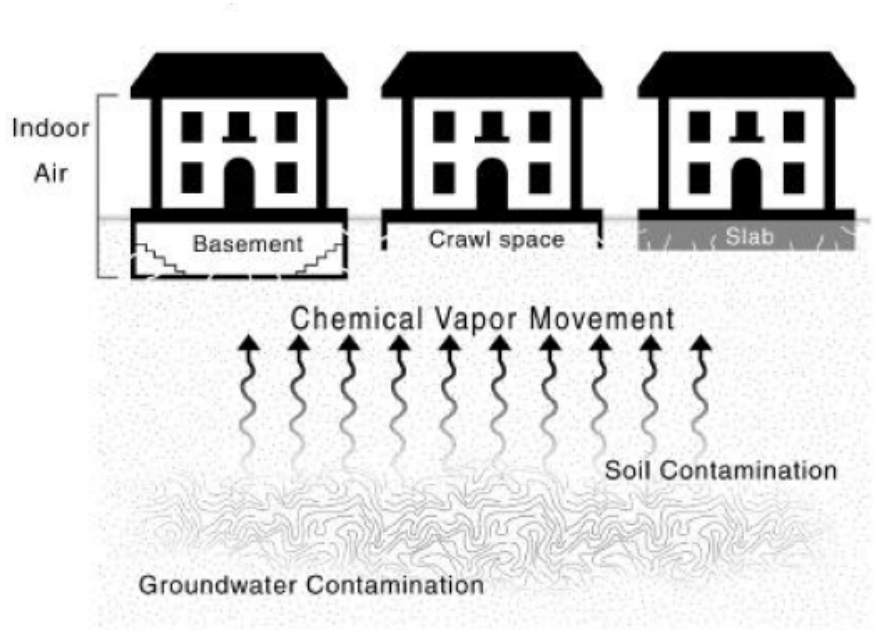
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

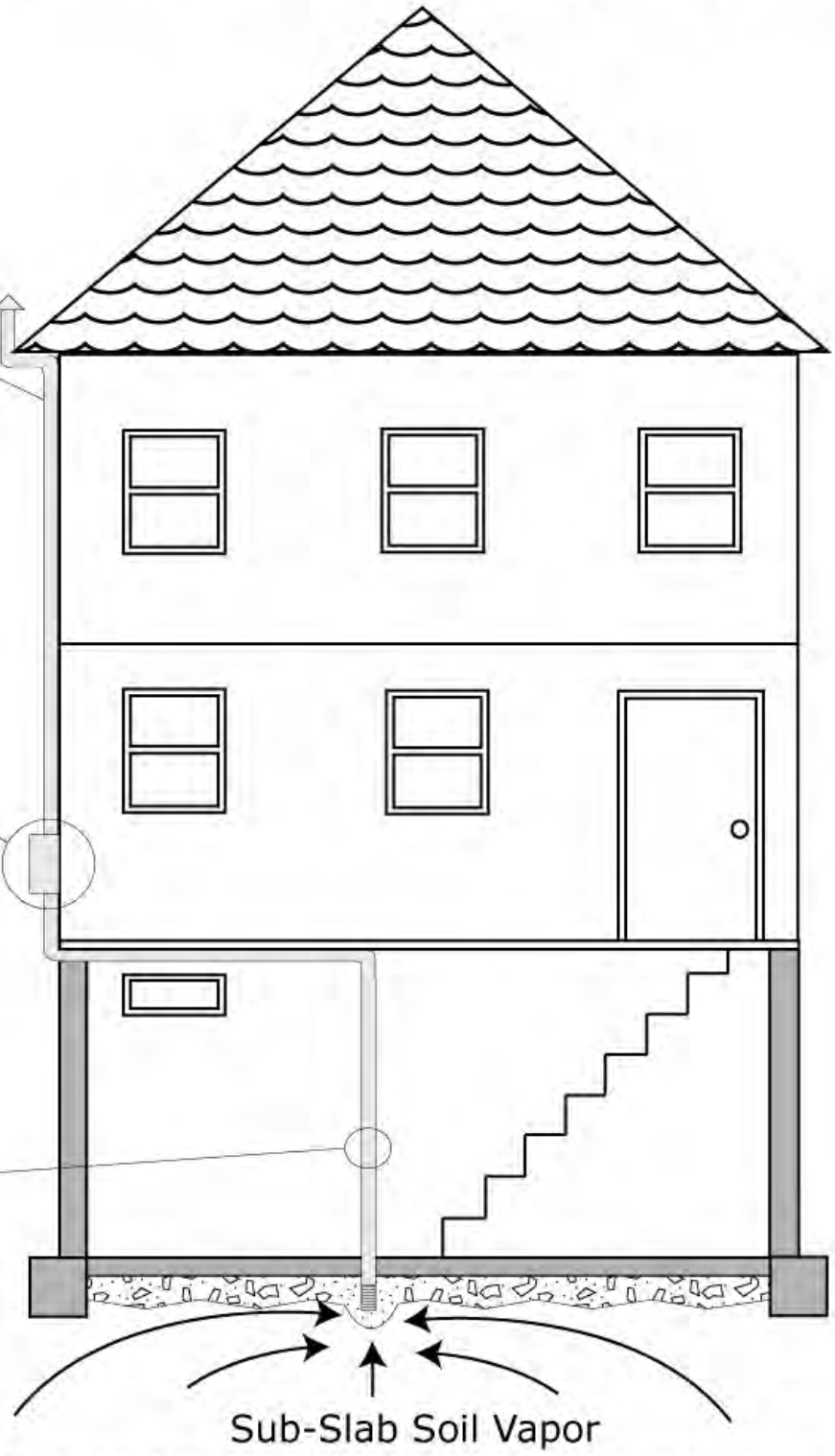
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

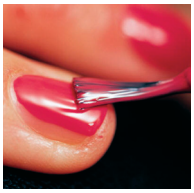
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-8
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed an indoor air sample canister in your apartment. The canister collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentration detected in the indoor air of your apartment was 2.77 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentration detected in the indoor air of your apartment was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$. The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sampling Results (Apt C-8)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-8		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-13		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**2.66**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.12**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.46**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**2.25**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**18.7**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.08**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.38**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.34**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**1.09**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.42**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**167**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.7**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.2**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**2.06**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.54**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.12**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**13.5**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**3.84**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**15.3**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.55**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**2.77**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**4.59**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.24**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**21.85**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**3.15**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**249.91**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	11:13
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28597				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91403

Project ID: 135 KENT
Client ID: IA25-13

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.541	*0.204*	0.204	2.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.228	*0.204*	0.204	1.12	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.243	*0.166*	0.166	1.46	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.457	*0.204*	0.204	2.25	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	7.88	*0.421*	0.421	18.7	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.337	*0.313*	0.313	1.08	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.649		*0.485*	0.485	1.34	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	0.318		*0.291*	0.291	1.09	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	88.6	E	*0.531*	0.531	167	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.471		*0.278*	0.278	1.70	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.277		*0.230*	0.230	1.20	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.504		*0.244*	0.244	2.06	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.436		*0.284*	0.284	1.54	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.241		*0.215*	0.215	1.12	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	5.51		*0.407*	0.407	13.5	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	0.884		*0.230*	0.230	3.84	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	5.18		*0.339*	0.339	15.3	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.358		*0.230*	0.230	1.55	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.408		*0.037*	0.037	2.77	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.22		*0.266*	0.266	4.59	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.221		*0.178*	0.178	1.24	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	91		*%*	%	91	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-13

Phoenix I.D.: CS91403

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

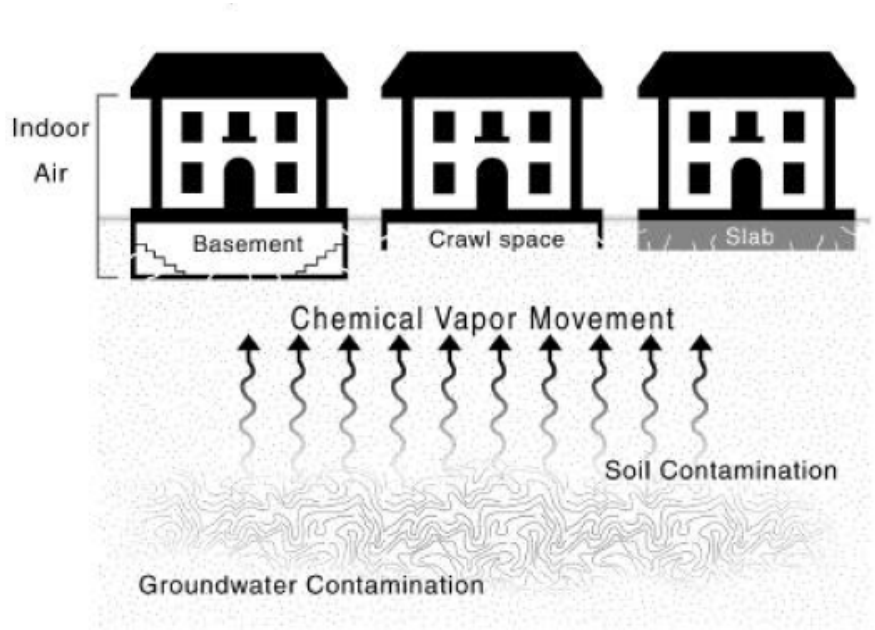
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

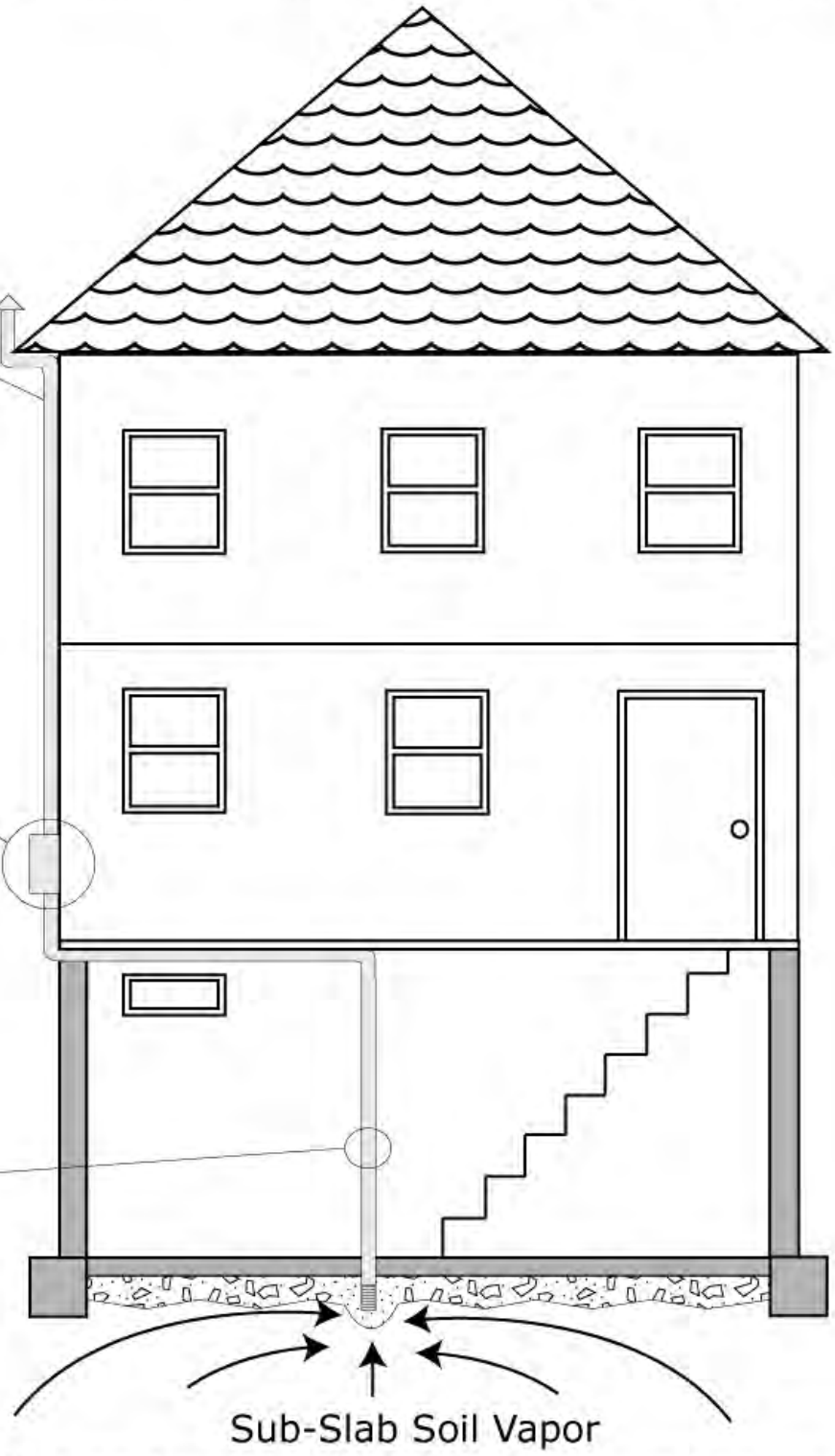
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

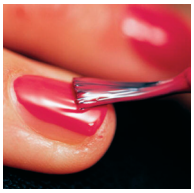
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-9
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed two indoor air sample canisters in your apartment. Because your tenant space was previously divided into two separate tenant spaces (e.g., Apr C-9 & C-10) and covers a large footprint, it was agreed that two indoor air samples would be collected. Sample, IA25-14A was collected on the northwest portion of your apartment within a living room and IA25-14B was collected on the southeastern portion of your apartment on a stairwell located outside of an office/lounge area. The canisters collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentrations detected in the indoor air of your apartment were 2.94 and 4.01 micrograms per cubic meter (µg/m^3) and the TCE air concentrations detected in the indoor air of your apartment were both non-detect, or below the laboratory reporting limit of 0.20 µg/m^3. The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 µg/m^3 (for PCE) and 2 µg/m^3 (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sampling Results (Apt. C-9)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-9		Apt C-9		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-14A		IA25-14B		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.22**	1.00	**3.66**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.37**	1.00	**1.41**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.09**	1.00	**1.61**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**3.34**	1.00	**1.24**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**30.6**	1.00	**39.9**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**1.37**	1.00	**1.18**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.41**	0.20	**0.44**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**3.86**	1.00	**2.83**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**1.36**	1.00	**1.5**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.3**	1.00	**2.43**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**1,210**	1.00	**836**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**4.03**	1.00	**2.73**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**1.63**	1.00	**1.67**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**3.07**	1.00	**2.6**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**1.81**	1.00	**1.62**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.03**	1.00	**1.33**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**55.3**	1.00	**78.6**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**5.03**	1.00	**5.47**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**24.9**	1.00	**22.7**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**1.99**	1.00	**2.15**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**2.94**	0.25	**4.01**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.72**	1.00	**1.26**	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**4.9**	1.00	**4.9**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	**1.26**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**25.42**		**25.99**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**3.35**		**4.45**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**1367.27**		**1022.50**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:58
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13639				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91412

Project ID: 135 KENT
Client ID: IA25-14A

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.656	*0.204*	0.204	3.22	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.278	*0.204*	0.204	1.37	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.181	*0.166*	0.166	1.09	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.679	*0.204*	0.204	3.34	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	12.9	*0.421*	0.421	30.6	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.430	*0.313*	0.313	1.37	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Ver 1

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.791		*0.205*	0.205	3.86	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.657		*0.485*	0.485	1.36	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.465		*0.202*	0.202	2.30	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	645	E	*0.531*	0.531	1210	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	1.12		*0.278*	0.278	4.03	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.376		*0.230*	0.230	1.63	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.749		*0.244*	0.244	3.07	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.515		*0.284*	0.284	1.81	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.220		*0.215*	0.215	1.03	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	22.5		*0.407*	0.407	55.3	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.16		*0.230*	0.230	5.03	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	8.44		*0.339*	0.339	24.9	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.459		*0.230*	0.230	1.99	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.434		*0.037*	0.037	2.94	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.584		*0.339*	0.339	1.72	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	114		*%*	%	114	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	98		*%*	%	98	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14A

Phoenix I.D.: CS91412

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
March 31, 2025
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

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:50
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28617				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91408

Project ID: 135 KENT
Client ID: IA25-14B

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	03/26/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2,4-Trimethylbenzene	0.744	*0.204*	0.204	3.66	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3,5-Trimethylbenzene	0.286	*0.204*	0.204	1.41	*1.00*	1.00	03/26/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/26/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dichlorobenzene	0.268	*0.166*	0.166	1.61	*1.00*	1.00	03/26/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Ethyltoluene	0.252	*0.204*	0.204	1.24	*1.00*	1.00	03/26/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/26/25	KCA	1	
Acetone	16.8	*0.421*	0.421	39.9	*1.00*	1.00	03/26/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/26/25	KCA	1	
Benzene	0.370	*0.313*	0.313	1.18	*1.00*	1.00	03/26/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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	03/26/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/26/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/26/25	KCA	1	
Carbon Tetrachloride	0.070		*0.032*	0.032	0.44	*0.20*	0.20	03/26/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/26/25	KCA	1	
Chloroform	0.580		*0.205*	0.205	2.83	*1.00*	1.00	03/26/25	KCA	1	
Chloromethane	0.725		*0.485*	0.485	1.50	*1.00*	1.00	03/26/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/26/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/26/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/26/25	KCA	1	
Dichlorodifluoromethane	0.491		*0.202*	0.202	2.43	*1.00*	1.00	03/26/25	KCA	1	
Ethanol	444	E	*0.531*	0.531	836	*1.00*	1.00	03/26/25	KCA	1	1
Ethyl acetate	0.757		*0.278*	0.278	2.73	*1.00*	1.00	03/26/25	KCA	1	1
Ethylbenzene	0.385		*0.230*	0.230	1.67	*1.00*	1.00	03/26/25	KCA	1	
Heptane	0.636		*0.244*	0.244	2.60	*1.00*	1.00	03/26/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/26/25	KCA	1	
Hexane	0.461		*0.284*	0.284	1.62	*1.00*	1.00	03/26/25	KCA	1	
Isooctane	0.285		*0.215*	0.215	1.33	*1.00*	1.00	03/26/25	KCA	1	
Isopropylalcohol	32.0		*0.407*	0.407	78.6	*1.00*	1.00	03/26/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/26/25	KCA	1	
m,p-Xylene	1.26		*0.230*	0.230	5.47	*1.00*	1.00	03/26/25	KCA	1	
Methyl Ethyl Ketone	7.71		*0.339*	0.339	22.7	*1.00*	1.00	03/26/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/26/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/26/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/26/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
o-Xylene	0.495		*0.230*	0.230	2.15	*1.00*	1.00	03/26/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/26/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/26/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/26/25	KCA	1	
Tetrachloroethene	0.591		*0.037*	0.037	4.01	*0.25*	0.25	03/26/25	KCA	1	
Tetrahydrofuran	0.427		*0.339*	0.339	1.26	*1.00*	1.00	03/26/25	KCA	1	1
Toluene	1.30		*0.266*	0.266	4.90	*1.00*	1.00	03/26/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/26/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/26/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/26/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/26/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/26/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/26/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/26/25	KCA	1	
% IS-1,4-Difluorobenzene	90		*%*	%	90	*%*	%	03/26/25	KCA	1	
% IS-Bromochloromethane	88		*%*	%	88	*%*	%	03/26/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	03/26/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-14B

Phoenix I.D.: CS91408

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

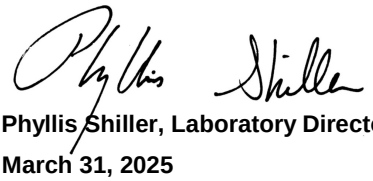
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

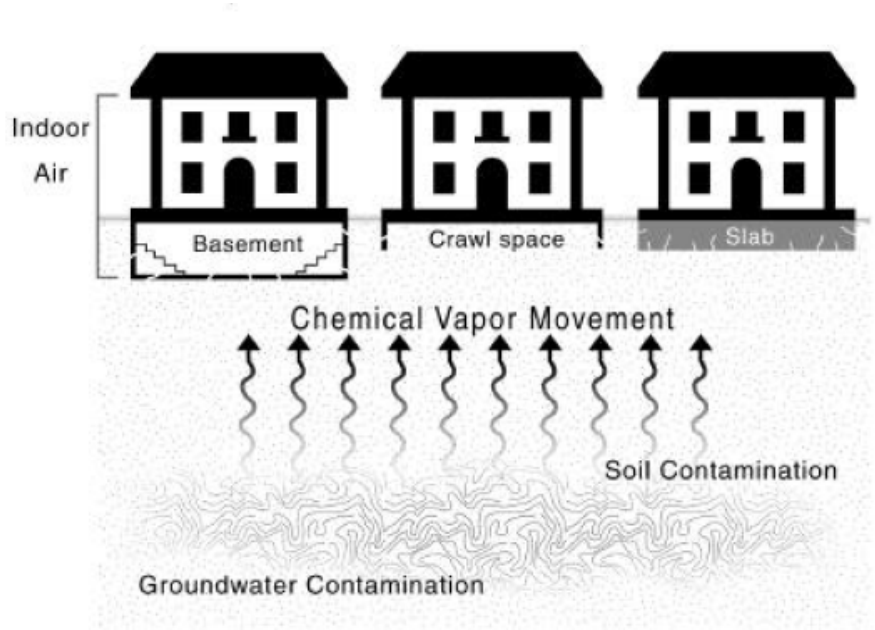
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

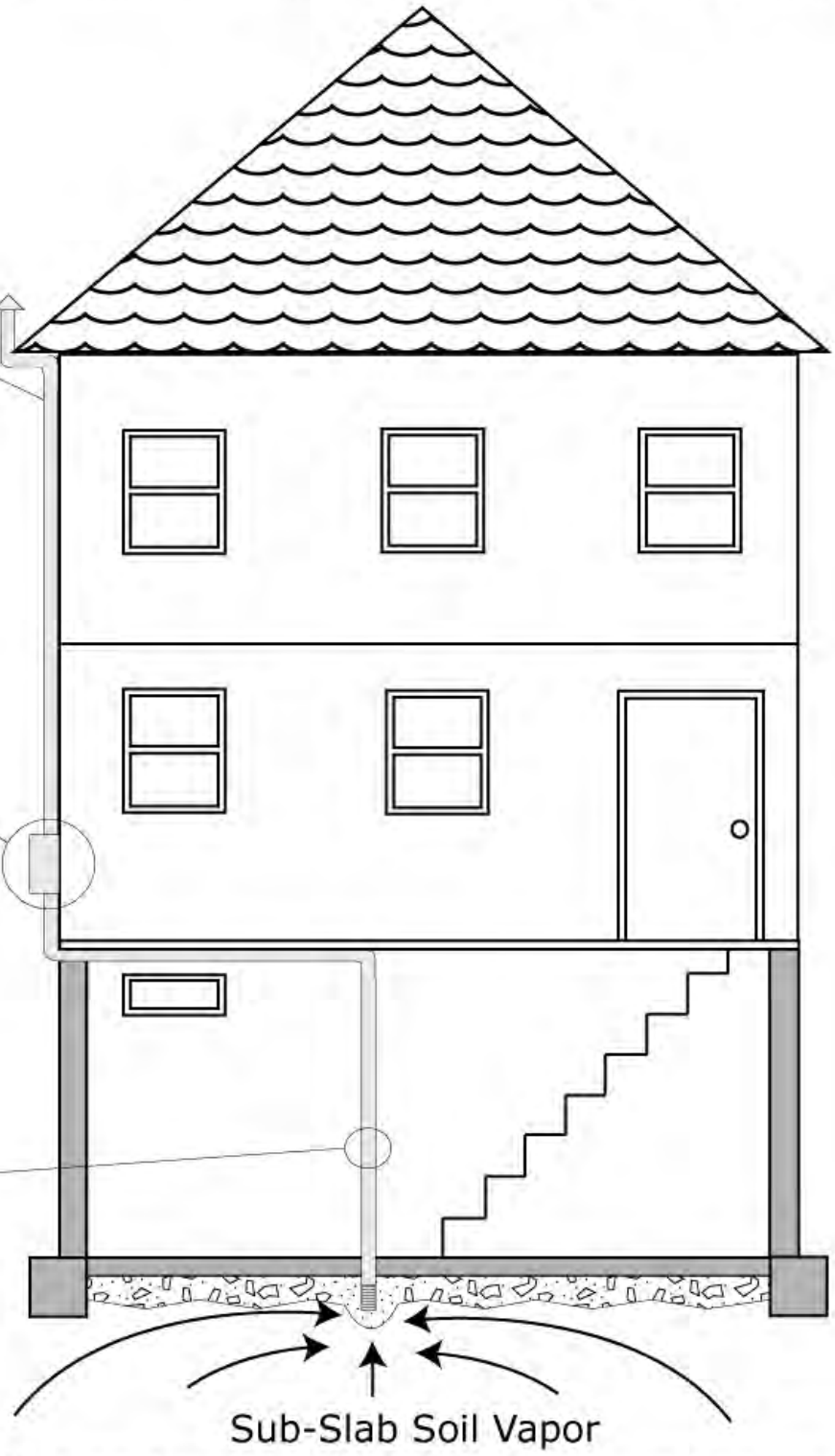
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

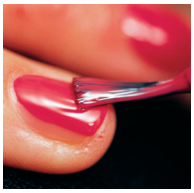
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

June 11, 2025

Apartment C-11
135 Kent Avenue, Brooklyn, NY 11249
Subject: Indoor Air Sampling Results

Dear Resident:

On March 24, 2025, Rock Enviro (Rock), the environmental consultant for the building owner, placed an indoor air sample canister in your apartment. The canister collected air for 24 hours at breathing level height. The results are being used to evaluate if tetrachloroethylene (PCE) or trichloroethene (TCE) soil vapors from contaminated sub-slab soil or groundwater beneath 135 Kent Avenue are affecting the indoor air quality through a process known as soil vapor intrusion (see enclosed fact sheet). The PCE air concentration detected in the indoor air of your apartment was 5.17 micrograms per cubic meter ($\mu g/m^3$) and the TCE air concentration detected in the indoor air of your apartment was non-detect, or below the laboratory reporting limit of 0.20 $\mu g/m^3$. The March 2025 PCE and TCE indoor air concentrations for your apartment are below the New York State Department of Health (NYSDOH) indoor air guideline values of 30 $\mu g/m^3$ (for PCE) and 2 $\mu g/m^3$ (for TCE), respectively. In addition, several other volatile organic compounds were detected at levels similar to what we would expect to find within indoor air in most residential and commercial buildings in New York City. A summary table of results for your apartment and from sampling in the second-floor hallway and outside the building is attached to this letter, in addition to lab data sheets and two NYSDOH fact sheets.

Should you have any questions regarding the environmental investigation, please contact the New York State Department of Environmental Conservation (NYSDEC) Project Manager, Wendi Zheng, at (718) 482-7541. Site-related health questions can be directed to the NYSDOH Project Manager, Mrs. Renata Ockerby, at (518) 402-7860.

Please feel free to contact me at any time if you have questions about the indoor air sampling results or the building's treatment systems.

Sincerely,

Robert M. Bennett
Rock Enviro, LLC
Phone: 718-858-6655
rob@rockenviro.com

Table - IAQ Sample Results
Vacant Spaces - 2nd Floor (C-1, C-2, C-3 C-6)
2024/2025 Heating Season
135 Kent Avenue, Brooklyn, NY

Volatile Organic Compounds by EPA Method TO-15	NYSDOH Air Guideline Value	3/24/2025		3/25/2025		3/24/2025		3/24/2025		3/25/2025		Sample Date
		8-hr		24-hr		8-hr		8-hr		24-hr		Collection Period
		1st fl		1st fl		2nd fl		2nd fl		2nd fl		Floor
		Outside		Outside		Hallway		Hallway		Apt C-11		Sample Location
		OA25-01		OA25-02		IA25-16		IA25-17		IA25-15		Sample ID
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Units (ug/m3)
1,1,1,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,1-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1,2-Trichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,1-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
1,2,4-Trichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2,4-Trimethylbenzene	~	**5.94**	1.00	**3.43**	1.00	**3.95**	1.00	**4.07**	1.00	**3.98**	1.00	
1,2-Dibromoethane(EDB)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-dichloropropane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,3,5-Trimethylbenzene	~	**2.26**	1.00	**1.25**	1.00	**1.49**	1.00	**1.61**	1.00	**1.46**	1.00	
1,3-Butadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.06**	1.00	
1,3-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
1,4-Dichlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**19.9**	1.00	
1,4-Dioxane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
2-Hexanone(MBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Ethyltoluene	~	**7.81**	1.00	**4.05**	1.00	**4.25**	1.00	**5.26**	1.00	**4.1**	1.00	
4-Isopropyltoluene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Acetone	~	**12.6**	1.00	**13.1**	1.00	**14.2**	1.00	**13.2**	1.00	**40.1**	1.00	
Acrylonitrile	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Benzene	~	**3.07**	1.00	**1.9**	1.00	**1.65**	1.00	**2.01**	1.00	**2.07**	1.00	
Benzyl chloride	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromodichloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromoform	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Bromomethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Disulfide	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Carbon Tetrachloride	~	**0.43**	0.20	**0.45**	0.20	**0.41**	0.20	**0.41**	0.20	**0.49**	0.20	
Chlorobenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Chloroform	~	< 1.00	1.00	**1.91**	1.00	< 1.00	1.00	< 1.00	1.00	**2.63**	1.00	
Chloromethane	~	**1.22**	1.00	**1.18**	1.00	**1.26**	1.00	**1.14**	1.00	**2.04**	1.00	
Cis-1,2-Dichloroethene	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
cis-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Cyclohexane	~	**3.85**	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	**2.08**	1.00	
Dibromochloromethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Dichlorodifluoromethane	~	**2.27**	1.00	**2.08**	1.00	**2.43**	1.00	**2.26**	1.00	**2.41**	1.00	
Ethanol	~	**34.6**	1.00	**42.7**	1.00	**76.1**	1.00	**59.7**	1.00	**629**	1.00	
Ethyl acetate	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**5.01**	1.00	
Ethylbenzene	~	**4.77**	1.00	**2.34**	1.00	**2.65**	1.00	**3.25**	1.00	**2.24**	1.00	
Heptane	~	**8.19**	1.00	**3.8**	1.00	**5.2**	1.00	**5.94**	1.00	**9.22**	1.00	
Hexachlorobutadiene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Hexane	~	**4.72**	1.00	**2.75**	1.00	**2.71**	1.00	**3.37**	1.00	**2.39**	1.00	
Isooctane	~	**2.11**	1.00	**1.51**	1.00	**1.56**	1.00	**1.37**	1.00	**1.66**	1.00	
Isopropylalcohol	~	**4.18**	1.00	**4.05**	1.00	**5.97**	1.00	**5.26**	1.00	**13.8**	1.00	
Isopropylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
m,p-Xylene	~	**14.6**	1.00	**7.55**	1.00	**8.2**	1.00	**9.55**	1.00	**7.46**	1.00	
Methyl Ethyl Ketone	~	**19.2**	1.00	**20.5**	1.00	**15**	1.00	**20.2**	1.00	**25.9**	1.00	
Methyl tert-butyl ether(MTBE)	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Methylene Chloride	60	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	
Naphthalene	~	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	< 1.05	1.05	
n-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
o-Xylene	~	**5.34**	1.00	**2.77**	1.00	**3.06**	1.00	**3.51**	1.00	**2.79**	1.00	
Propylene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
sec-Butylbenzene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Styrene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Tetrachloroethene	30	**4.73**	0.25	**4.85**	0.25	**6.14**	0.25	**5.48**	0.25	**5.17**	0.25	
Tetrahydrofuran	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Toluene	~	**11.3**	1.00	**6.4**	1.00	**7.08**	1.00	**7.72**	1.00	**7.34**	1.00	
Trans-1,2-Dichloroethene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
trans-1,3-Dichloropropene	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Trichloroethene	2	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Trichlorofluoromethane	~	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	**1.26**	1.00	
Trichlorotrifluoroethane	~	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	
Vinyl Chloride	~	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	
Total PVOCs	~	**66.15**		**33.70**		**39.92**		**42.40**		**42.69**		
Total CVOCs	~	**5.16**		**5.30**		**6.55**		**5.89**		**5.66**		
Total VOCs	~	**153.19**		**128.57**		**166.76**		**155.31**		**795.56**		

All results reported in micrograms per cubic meter (ug/m3)
~ - No guidance level for these analytes.
PVOCs = Petroleum-related VOCs
CVOCs = Chlorinated VOCs
IA = Indoor Air
OA = Outdoor Air
RL = Reporting Limit
Bold Only - Analyte detected above the reporting limit
Bold/Highlighted = CVOC detected above guidance levels
Bold/Highlighted = PVOC detected above guidance levels

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

NY # 11301

Analysis Report

March 31, 2025

FOR: Attn: Rob Bennett
Rock Enviro
170 Lee Avenue
Brooklyn NY 11211

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RB, RQ	03/25/25	10:49
Location Code:	ROCKENVIRO	Received by:	SR1	03/26/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28565				

Laboratory Data

SDG ID: GCS91392
Phoenix ID: CS91396

Project ID: 135 KENT
Client ID: IA25-15

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	03/27/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2,4-Trimethylbenzene	0.810	*0.204*	0.204	3.98	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/27/25	KCA	1	
1,3,5-Trimethylbenzene	0.298	*0.204*	0.204	1.46	*1.00*	1.00	03/27/25	KCA	1	
1,3-Butadiene	0.481	*0.452*	0.452	1.06	*1.00*	1.00	03/27/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dichlorobenzene	3.31	*0.166*	0.166	19.9	*1.00*	1.00	03/27/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Ethyltoluene	0.835	*0.204*	0.204	4.10	*1.00*	1.00	03/27/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/27/25	KCA	1	
Acetone	16.9	*0.421*	0.421	40.1	*1.00*	1.00	03/27/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/27/25	KCA	1	
Benzene	0.647	*0.313*	0.313	2.07	*1.00*	1.00	03/27/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/27/25	KCA	1	

Project ID: 135 KENT
Client ID: IA25-15

Phoenix I.D.: CS91396

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	03/27/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/27/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/27/25	KCA	1	
Carbon Tetrachloride	0.078		*0.032*	0.032	0.49	*0.20*	0.20	03/27/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/27/25	KCA	1	
Chloroform	0.538		*0.205*	0.205	2.63	*1.00*	1.00	03/27/25	KCA	1	
Chloromethane	0.987		*0.485*	0.485	2.04	*1.00*	1.00	03/27/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/27/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Cyclohexane	0.605		*0.291*	0.291	2.08	*1.00*	1.00	03/27/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/27/25	KCA	1	
Dichlorodifluoromethane	0.487		*0.202*	0.202	2.41	*1.00*	1.00	03/27/25	KCA	1	
Ethanol	334	E	*0.531*	0.531	629	*1.00*	1.00	03/27/25	KCA	1	1
Ethyl acetate	1.39		*0.278*	0.278	5.01	*1.00*	1.00	03/27/25	KCA	1	1
Ethylbenzene	0.517		*0.230*	0.230	2.24	*1.00*	1.00	03/27/25	KCA	1	
Heptane	2.25		*0.244*	0.244	9.22	*1.00*	1.00	03/27/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/27/25	KCA	1	
Hexane	0.678		*0.284*	0.284	2.39	*1.00*	1.00	03/27/25	KCA	1	
Isooctane	0.356		*0.215*	0.215	1.66	*1.00*	1.00	03/27/25	KCA	1	
Isopropylalcohol	5.61		*0.407*	0.407	13.8	*1.00*	1.00	03/27/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/27/25	KCA	1	
m,p-Xylene	1.72		*0.230*	0.230	7.46	*1.00*	1.00	03/27/25	KCA	1	
Methyl Ethyl Ketone	8.78		*0.339*	0.339	25.9	*1.00*	1.00	03/27/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/27/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/27/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/27/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
o-Xylene	0.644		*0.230*	0.230	2.79	*1.00*	1.00	03/27/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/27/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/27/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/27/25	KCA	1	
Tetrachloroethene	0.762		*0.037*	0.037	5.17	*0.25*	0.25	03/27/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/27/25	KCA	1	1
Toluene	1.95		*0.266*	0.266	7.34	*1.00*	1.00	03/27/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/27/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/27/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/27/25	KCA	1	
Trichlorofluoromethane	0.224		*0.178*	0.178	1.26	*1.00*	1.00	03/27/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/27/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/27/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	03/27/25	KCA	1	
% IS-1,4-Difluorobenzene	86		*%*	%	86	*%*	%	03/27/25	KCA	1	
% IS-Bromochloromethane	85		*%*	%	85	*%*	%	03/27/25	KCA	1	
% IS-Chlorobenzene-d5	91		*%*	%	91	*%*	%	03/27/25	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
March 31, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

NEW YORK STATE
DEPARTMENT OF HEALTH

SOIL VAPOR INTRUSION

Frequently Asked Questions

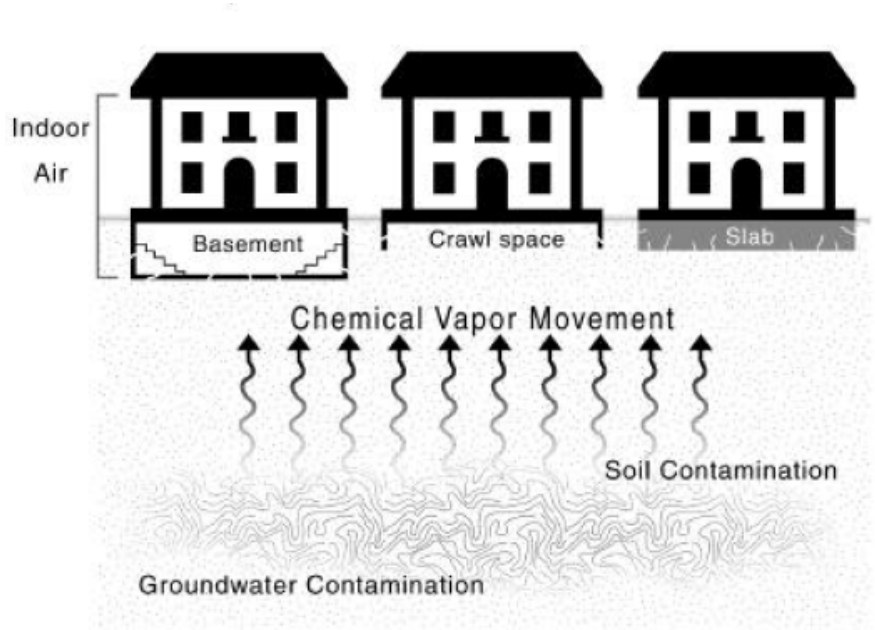
What is soil vapor intrusion?

The phrase "soil vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying buildings.

Soil vapor, or soil gas, is the air found in the pore spaces between soil particles. Because of a difference in pressure, soil vapor enters buildings through cracks in slabs or basement floors and walls, and through openings around sump pumps or where pipes and electrical wires go through the foundation. Heating, ventilation or air-conditioning systems may create a negative pressure that can draw soil vapor into the building. This intrusion is similar to how radon gas seeps into buildings.

Soil vapor can become contaminated when chemicals evaporate from subsurface sources and enter the soil vapor. Chemicals that readily evaporate are called "volatile chemicals." Volatile chemicals include volatile organic compounds (VOCs). Subsurface sources of volatile chemicals may include contaminated soil and groundwater, or buried wastes. If soil vapor is contaminated, and enters a building as described above, indoor air quality may be affected.

When contaminated vapors are present in the zone directly next to or under the foundation of the building, vapor intrusion is possible. Soil vapor can enter a building whether it is old or new, or whether it has a basement, a crawl space, or is on a slab (as illustrated in the figure).



[Source: United States Environmental Protection Agency, Region 3]

How am I exposed to chemicals through soil vapor intrusion?

Humans can be exposed to soil vapor contaminated with volatile chemicals when vapors from beneath a building are drawn through cracks and openings in the foundation and mix with the indoor air. Inhalation is the route of exposure, or the manner in which the volatile chemicals actually enter the body, once in the indoor air.

Current exposures are when vapor intrusion is documented in an occupied building. *Potential* exposures are when volatile chemicals are present, or are accumulating, in the vapor phase beneath a building, but have not affected indoor air quality. Potential exposures also exist when there is a chance that contaminated soil vapors may move to existing buildings not currently affected or when there is a chance that new buildings can be built over existing subsurface vapor contamination. Both current and potential exposures are considered when evaluating soil vapor intrusion at a site that has documented subsurface sources of volatile chemicals.

In general, exposure to a volatile chemical does not necessarily mean that health effects will occur. Whether or not a person experiences health effects depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the volatile chemical, and the individual's sensitivity to the chemical.

What types of chemicals associated with environmental contamination may be entering my home via soil vapor intrusion?

Volatile organic compounds, or VOCs, are the most likely group of chemicals found in soil vapor, and which can move through the soil and enter buildings. Solvents used for dry cleaning, degreasing and other industrial purposes (e.g., tetrachloroethene, trichloroethene, 1,1,1-trichloroethane and Freon 113) are examples of VOCs. Examples of petroleum-related VOCs from petroleum spills are benzene, toluene, ethyl benzene, xylenes, styrene, hexane and trimethylbenzenes.

Is contaminated soil vapor the only source of volatile chemicals in my indoor air?

No. Volatile chemicals are also found in many household products. Paints, paint strippers and thinners, mineral spirits, glues, solvents, cigarette smoke, aerosol sprays, mothballs, air fresheners, new carpeting or furniture, hobby supplies, lubricants, stored fuels, refrigerants and recently dry-cleaned clothing all contain VOCs. Household products are often more of a source of VOCs in indoor air in homes than contaminated soil vapor.

Indoor air may also become affected when outdoor air containing volatile chemicals enters your home. Volatile chemicals are present in outdoor air due to their widespread use. Gasoline stations, dry cleaners, and other commercial/industrial facilities are important sources of VOCs to outdoor air.

What should I expect if soil vapor intrusion is a concern near my home?

If you live near a site that has documented soil, groundwater and/or soil vapor contaminated with volatile chemicals, you should expect that the potential for vapor intrusion is being, or has been, investigated. You may be contacted by the site owner or others working on the cleanup with information about the project. Your cooperation and consent would be requested before any testing/sampling would be done on your property. You may ask the person contacting you any questions about the work being done. You can also contact the NYSDOH's project manager for the site at 1-800-458-1158 (extension 2-7850) for additional information.

How is soil vapor intrusion investigated at sites contaminated with volatile chemicals?

The process of investigating soil vapor intrusion typically requires more than one set of samples to determine the extent of vapor contamination. Furthermore, four types of environmental samples are collected: soil vapor samples, sub-slab vapor samples, indoor air samples and outdoor air (sometimes referred to as "ambient air") samples.

Soil vapor samples are collected to characterize the nature and extent of vapor contamination in the soil in a given area. They are often collected before sub-slab vapor and/or indoor air samples to help identify buildings or groups of buildings that need to be sampled. Soil vapor samples are used to determine the *potential* for human exposures. *Soil vapor* samples are not the same as *soil* samples.

Sub-slab vapor samples are collected to characterize the nature and extent of vapor contamination in the soil immediately beneath a building with basement foundations or a slab. Sub-slab vapor results are used to determine the potential for *current* and *future* human exposures. For example, an exposure could occur in the future if cracks develop in the building's foundation or changes in the operation of the building's heating, ventilation or air-conditioning system are made that make the movement of contaminated soil vapor into the building possible.

Indoor air samples are collected to characterize the nature and extent of air contamination within a building. Indoor air sample results help to evaluate whether there are *current* human exposures. They are also compared to sub-slab vapor and outdoor air results to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).

Outdoor air samples are collected to characterize site-specific background air conditions. Outdoor air results are used to evaluate the extent to which outdoor sources, such as automobiles, lawn mowers, oil storage tanks, gasoline stations, commercial/industrial facilities, and so forth, may be affecting indoor air quality.

What should I expect if indoor air samples are collected in my home?

You should expect the following:

- Indoor air samples are generally collected from the lowest-level space in a building, typically a basement, during the heating season. Indoor air samples may also be collected from the first floor of living space. Indoor air is believed to represent the greatest exposure potential with respect to soil vapor intrusion.
- Sub-slab vapor and outdoor air samples are usually collected at the same time as indoor air samples to help determine where volatile chemicals may be coming from (indoor sources, outdoor sources, and/or beneath the building).
- More limited sampling may be performed outside of the heating season. For example, sub-slab vapor samples without indoor air or outdoor air samples may be collected to identify buildings and areas where comprehensive sampling is needed during the heating season.
- An indoor air quality questionnaire and building inventory will be completed. The questionnaire includes a summary of the building's construction characteristics; the building's heating, ventilation and air-conditioning system operations; and potential indoor and outdoor sources of volatile chemicals. The building inventory describes products present in the building that might contain volatile chemicals. In addition, we take monitoring readings from a real-time organic vapor meter (also known as a photoionization detector or PID). The PID is an instrument that detects many VOCs in the air. When indoor air samples are collected, the PID is used to help determine whether

products containing VOCs might be contributing to levels that are detected in the indoor air.

What happens if soil vapor contamination or soil vapor intrusion is identified during investigation of a site?

Depending on the investigation results, additional sampling, monitoring or mitigation actions may be recommended. Additional sampling may be performed to determine the extent of soil vapor contamination and to verify questionable results. Monitoring (sampling on a recurring basis) is typically conducted if there is a significant potential for vapor intrusion to occur should building conditions change. Mitigation steps are taken to minimize exposures associated with soil vapor intrusion. Mitigation may include sealing cracks in the building's foundation, adjusting the building's heating, ventilation and air-conditioning system to maintain a positive pressure to prevent infiltration of subsurface vapors, or installing a sub-slab depressurization system beneath the building.

What is a sub-slab depressurization system?

A sub-slab depressurization system, much like a radon mitigation system, essentially prevents vapors beneath a slab from entering a building. A low amount of suction is applied below the foundation of the building and the vapors are vented to the outside (see illustration). The system uses minimal electricity and should not noticeably affect heating and cooling efficiency. This mitigation system also essentially prevents radon from entering a building, an added health benefit. The party responsible for cleaning up the source of the soil vapor contamination is usually responsible for paying for the installation of this system. If no responsible party is available, New York State will install the system. Once the contamination is cleaned up, the system should no longer be needed. In areas where radon is a problem, the NYSDOH recommends that these systems remain in place permanently.

What else can I do to improve my indoor air quality?

Household products and other factors, such as mold growth, carbon monoxide, and radon, can degrade the quality of air in your home. Consider the following tips to improve indoor air quality:

- Be aware of household products that contain VOCs. Do not buy more chemicals than you need at a time.
- Store unused chemicals in tightly-sealed containers in a well-ventilated location, preferably away from the living space in your home.
- Keep your home properly ventilated. Keeping it too air-tight may promote build up of chemicals in the air, as well as mold growth due to the build up of moisture.
- Fix all leaks promptly, as well as other moisture problems that encourage mold growth.
- Make sure your heating system, hot water, dryer and fireplaces are properly vented and in good condition. Have your furnace or boiler checked annually by a professional.
- Test your home for radon; take actions to reduce radon levels if needed.
- Install carbon monoxide detectors in your home; take immediate actions to reduce carbon monoxide levels if needed.

Where can I get more information?

For additional information about soil vapor intrusion, contact the NYSDOH's Bureau of Environmental Exposure Investigation at 1-800-458-1158 (extension 2-7850).

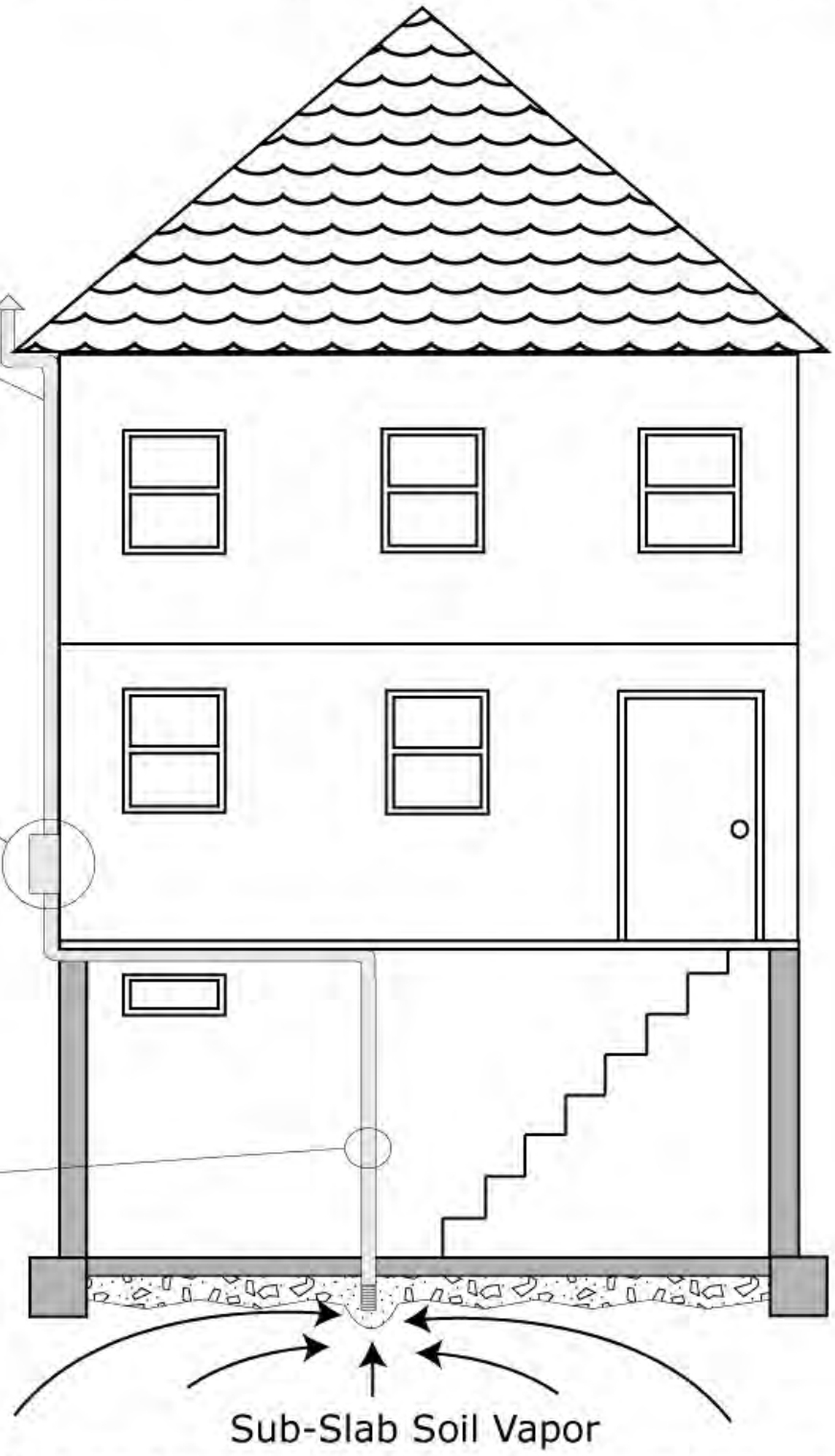
Sub-Slab Depressurization System

(commonly called a radon mitigation system)

The vent pipe is routed up the side of the structure to a location above the roof line.

A fan is used to draw soil vapor from beneath the slab.

A liquid gauge, or manometer is used to verify that the system is operating properly



A sub-slab depressurization system vents contaminated soil vapor before it enters a structure. The fan draws vapor from beneath the building outside to the roof line where it is released to the outside air.

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

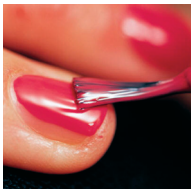
Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.



Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

1. The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
2. How much of the chemical is in the air.
3. How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

- Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.
- If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.
- Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.
- Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.
- Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  (800) 458-1158
  www.nyhealth.gov/environmental/
- **Indoor Air Quality and Your Home** from the New York State Energy Research and Development Authority *www.nyserda.org/publications/iaq.pdf*
- **The Inside Story: A Guide to Indoor Air Quality**
  www.epa.gov/iaq/pubs/insidest.html
- **New York State Department of Environmental Conservation** website for information about household hazardous waste disposal
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health's** website for information about chemicals found in many household products.
  hpd.nlm.nih.gov/products.htm

December 2007

APPENDIX E
Annual Inspection Photographs

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

Photo 1 – South facing view of the Site as seen from the intersection of Kent & N. 6th Street.

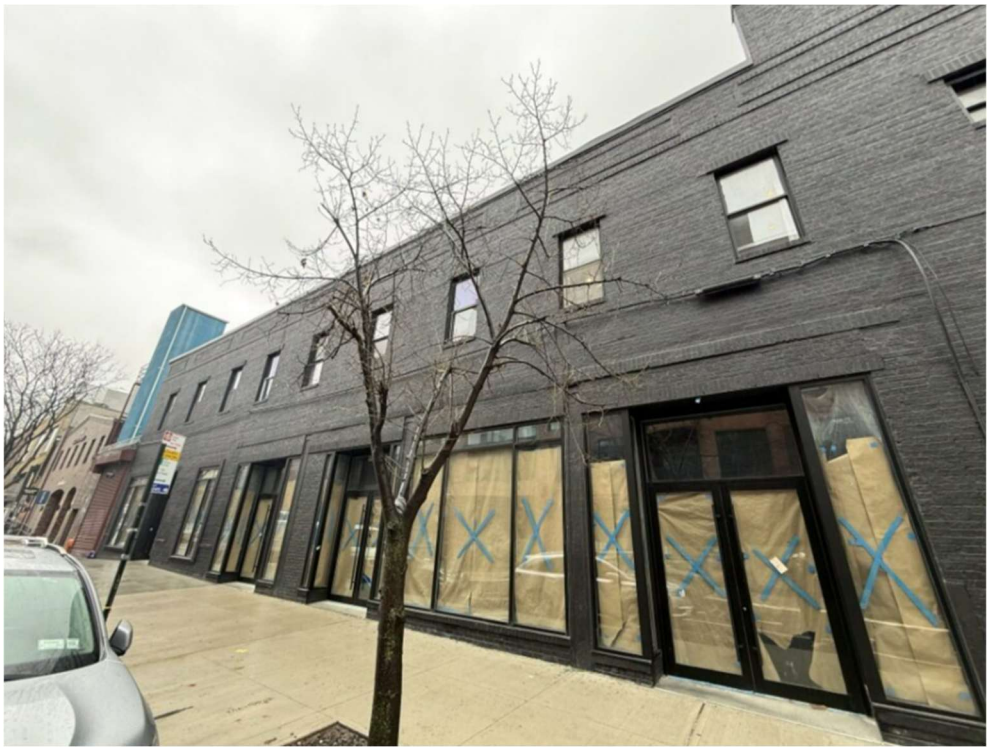


Photo 2 – Southeast facing view of the Site as seen from N. 6th Street.

Photo 3 – South facing view of the Site as seen from N. 6th Street.

Photo 4 – East facing view of the building as seen from Kent Ave.

Photo 5 – Southeast facing view of the building as seen from Kent Ave.

Photo 6 – View of ground floor during the indoor air sampling event.

Photo 7 – View of outdoor air sample collected as part of the indoor air sampling event.

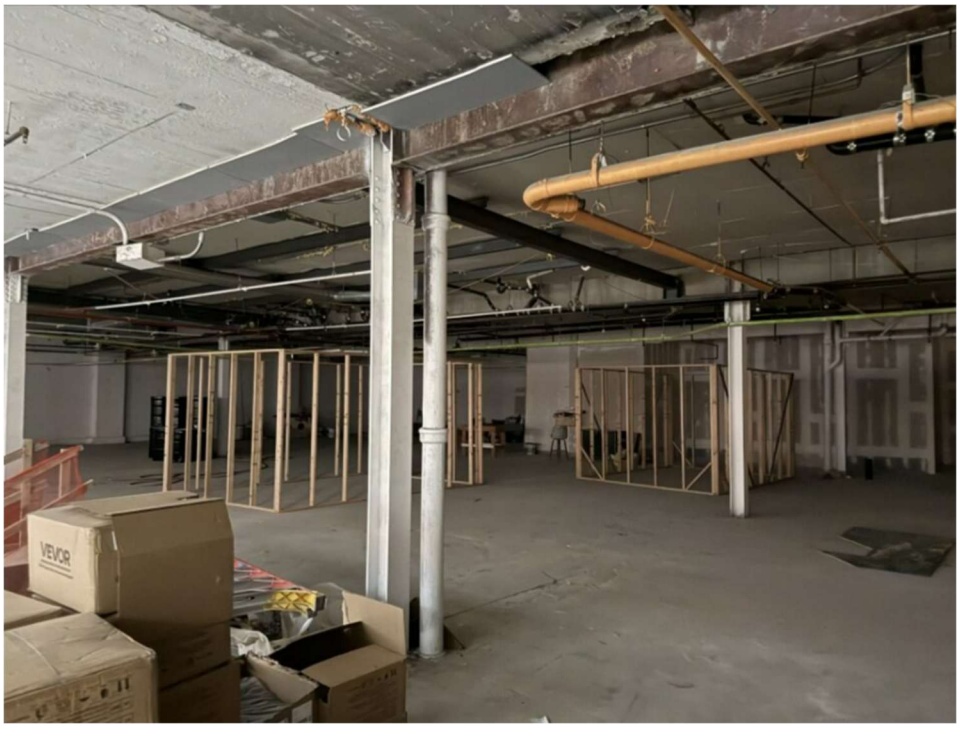


Photo 8 – View of the first floor of the building with framework for enclosures shown.

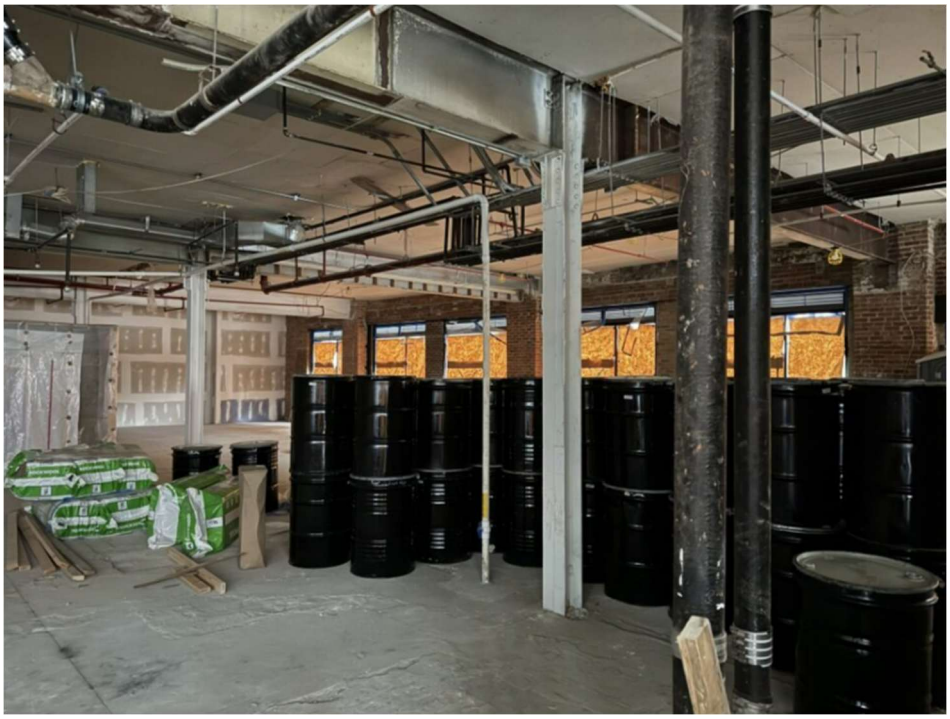


Photo 9 – View of the drum storage area on the first floor of the building.

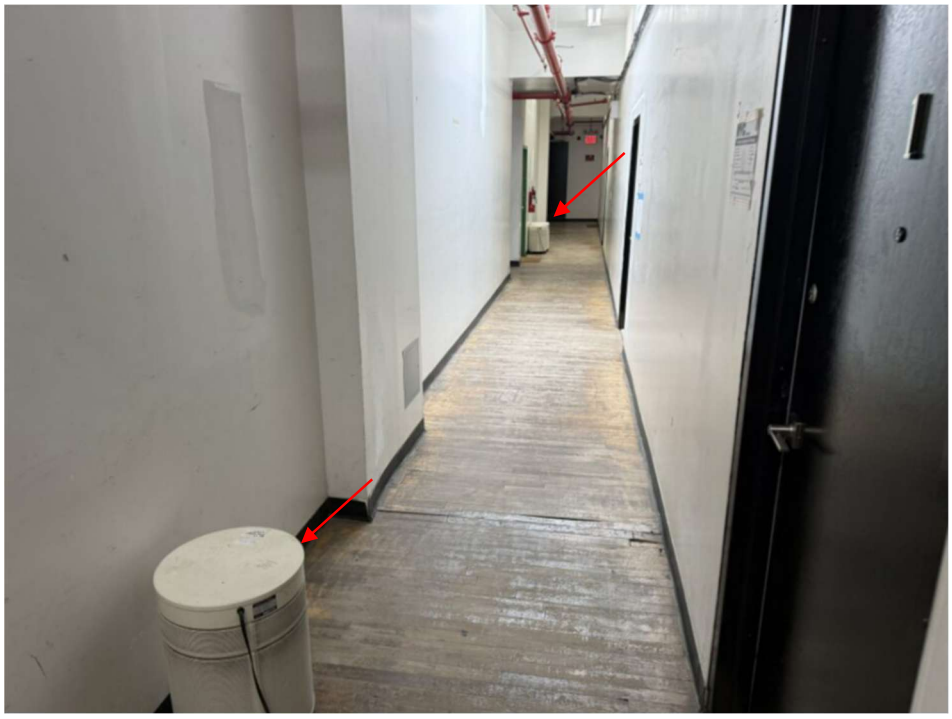


Photo 10 – View of the air filtration units in the hallway on the second floor of the building.

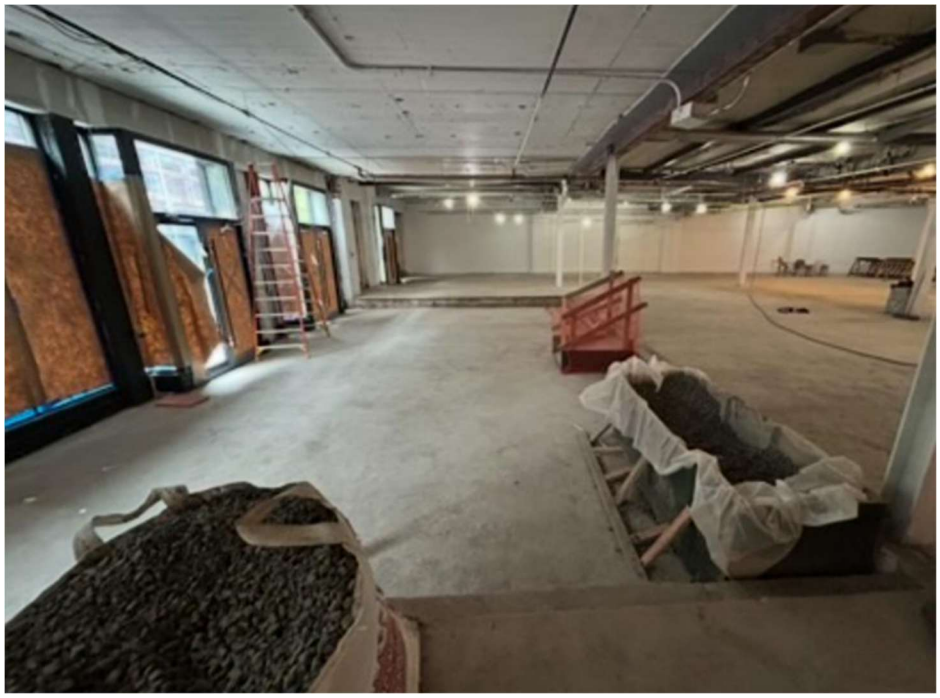


Photo 11 – North side of ground floor.

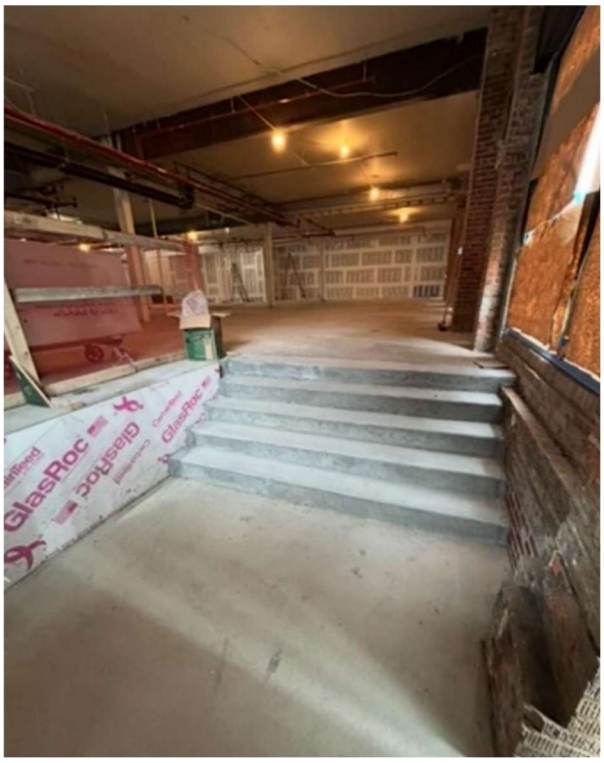


Photo 12 – Paved entrance above partial cellar.

Photo 13 – 100 drums stored on ground floor for when trenchwork commences.

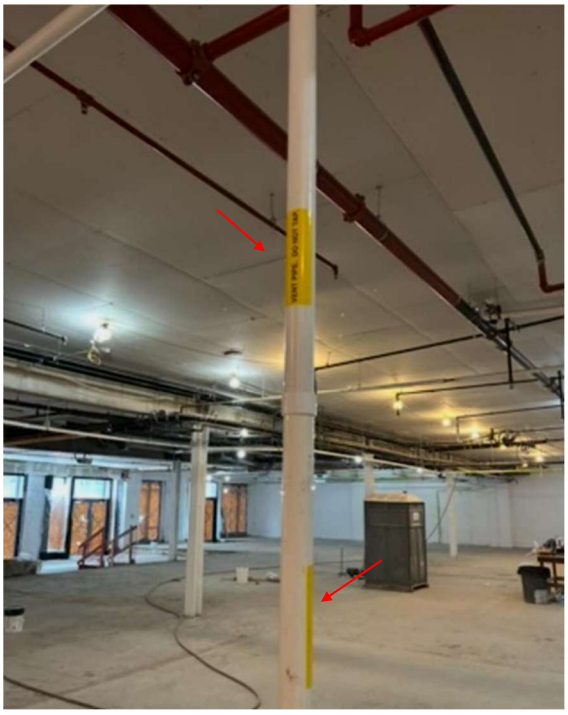


Photo 14 – "Do Not Tap" stickers on riser piping inside building.

Photo 15 – "Do Not Tap" stickers on riser piping & ball valve magnehelic gauge at base.

Photo 16 – "Do Not Tap" stickers on riser piping.

Photo 17 – Completed enclosure with noise-proofing insulation erected in January 2026.

Photo 18 – Two enclosure (one framework only & one complete) erected in January 2026.

Photo 19 – Two incomplete enclosures (framework only) on the ground floor.

Photo 20– Close view of two incomplete enclosures (framework only) on the ground floor.

Photo 21 – V-3 with ball valve and magnehelic gauge.

Photo 22 – Manometer readings at PV-2RR.

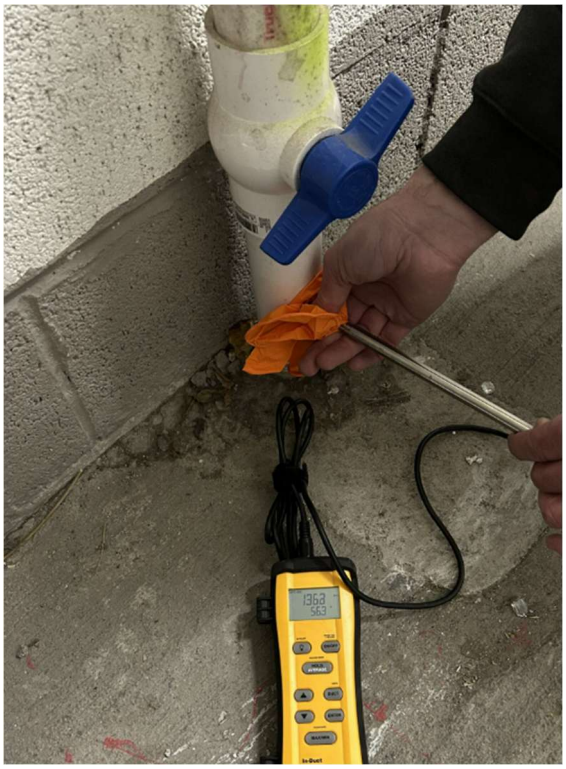


Photo 23 – Collecting airflow/velocity readings from porthole at V-1.

Photo 24 – Collecting airflow/velocity readings from porthole at V-4.

Photo 25 – Digital manometer reading at VMP, PV-3R.

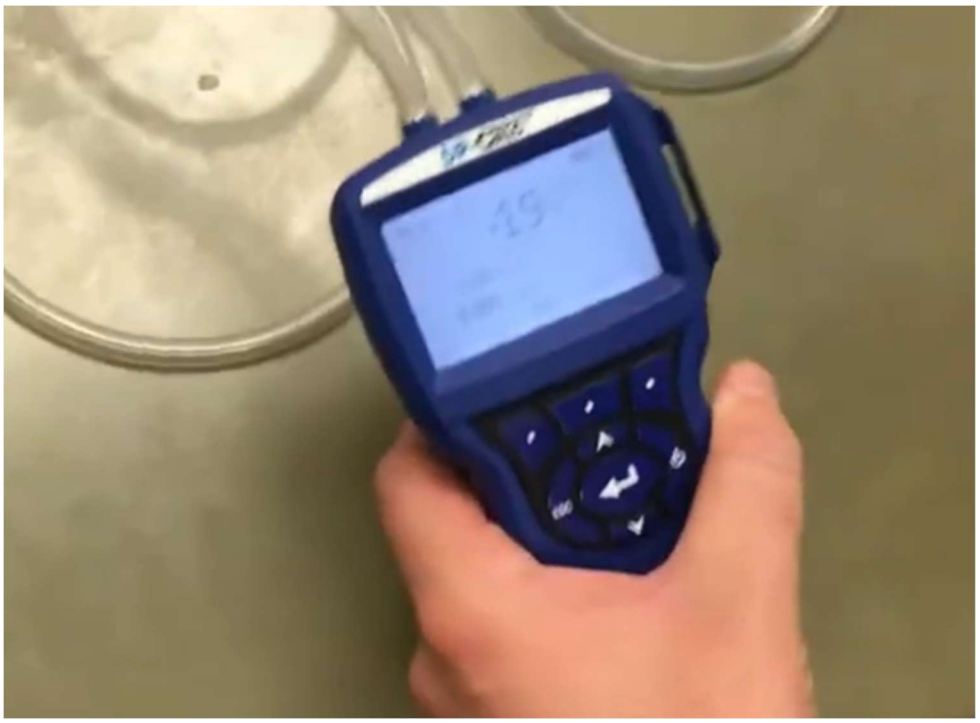


Photo 26 – Manometer reading at VMP, PV-6RRR.

Photo 27 – View of the new sound attenuating rooftop enclosure for SSDS equipment.

Photo 28– Interior view of new rooftop enclosure with blower & GAC drums.

Photo 29 – Gauge P102 reading 36 in WC, before primary/lead carbon drum.

Photo 30 – Gauge P103 between carbon drums.

Photo 31 – Gauge P104 after lag carbon drum.

Photo 32 – Air conditioner installed in SSDS enclosure on rooftop for cooling during hot summer days.

Photo 33 – Primary weep hole in pitched piping between V-1 & V-2 inspected. No water accumulating.

Photo 34 – Secondary weep hole in pitched piping between V-1 & V-2 inspected. No water accumulating.

Photo 35 – V-1 with ball valve & magnehelic gaugle.

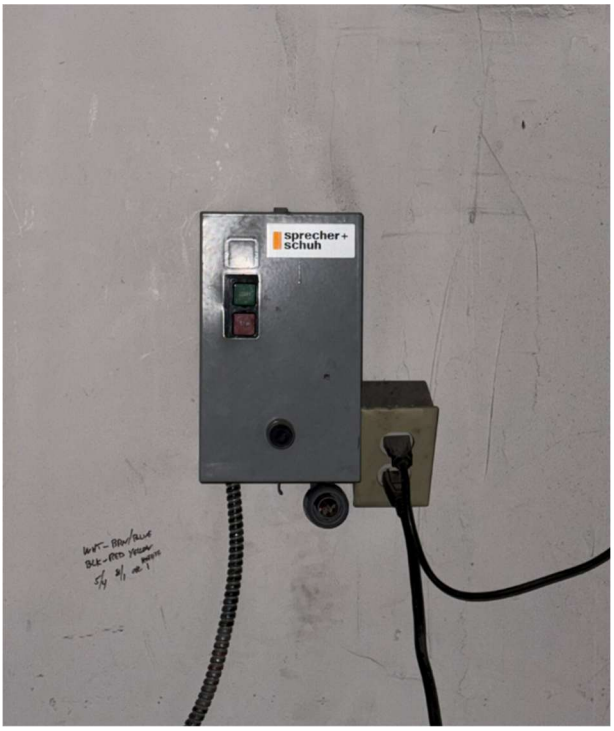


Photo 36 – Emergency shut-off and alarm tested & in working condition.

Photo 37 – Close view of replacement of VMP, PV-10RRR without sealable cover.

Photo 38 – V-6 with airflow port hole and magnehelic gauge.

Photo 39 – V-6 with airflow port hole and magnehelic gauge.

Photo 40 – V-8 with airflow port hoe and magnehelic gauge.

Photo 41 – V-7 with airflow port hoe and magnehelic gauge.

APPENDIX F
Documentation of Slab Repairs & VMP PV-2RR Installation
Integral, December 16, 2022

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

Integral Engineering, P.C.
31 West 34th Street
Suite 7196
New York, NY 10001

telephone: 212.962.4303
www.integral-corp.com

MEMORANDUM

To:	Wendi Y. Zheng and Jane H. O'Connell, P.G., New York State Department of Environmental Conservation
From:	Sara Barbuto and Keith P. Brodock, P.E., Integral Engineering, P.C.
Date:	December 16, 2022
Subject:	First Floor Slab Repair Documentation 135 Kent Avenue, Brooklyn, NY Former Cleaner Sales and Equipment Corp. NYSDEC Site No. C224177
Project No.:	E1022

Integral Engineering, P.C. (Integral) presents this memorandum documenting first floor slab repairs and vacuum monitoring point (VMP) reinstallation at 135 Kent Avenue to the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) on behalf of 135 Kent LLC (Owner) for the Former Cleaner Sales and Equipment Corp. Site (NYSDEC Site No. C224177). In response to tenant complaints, the Owner opened the first floor slab to repair wastewater lines (see Figure 1 for location). Following plumbing repairs, the slab was repaired and the VMP that was destroyed during the work was reinstalled. Integral visited the Site to observe and document the repairs, and during which time we concluded that the SSDS was operating as designed.

NYSDEC communicated to Integral on October 12, 2021, that a tenant had concerns regarding construction activities on the first floor of 135 Kent Avenue. In response, representatives for the Owner indicated wastewater line repairs had occurred in the first floor center hallway. Representatives for the Owner documented hallway slab repairs and provided photographs to NYSDEC on October 13, 2021. Slab repairs were made at the locations shown on Figure 1.

NYSDEC issued a Notice of Violation (NOV) on December 21, 2021 regarding unauthorized slab work that occurred in October 2021. NYSDEC held an Administrative Settlement

Conference (Conference) to discuss the NOV on January 11, 2022. This memorandum was prepared to document slab repairs as observed by Integral during site visits, as requested by NYSDEC during the Conference. A photograph log from each of the Integral site visits is provided as Attachment 1. The following summarizes Integral observations during those site visits.

SSDS Monitoring and Site Visit, October 18, 2021

Integral performed monthly sub-slab depressurization system (SSDS) monitoring and reviewed slab repairs on October 18, 2021. The SSDS and alarm system were operating, and SSDS monitoring data were consistent with prior monitoring events; thus, we concluded that the SSDS was operating as designed. Slab repairs were observed in the hallway bathroom, and extended through the center hallway into the side entrance to HigherDOSE Spa. Integral noted that VMP PV-2R, located to the left of the hallway bathroom entrance, was covered/destroyed during the slab repair.

As a follow-up to the October 18, 2021 site visit, Integral notified Owner of the need to repair minor cracks on the center hallway slab to the left of the hallway bathroom entrance, and coordinated installation of a VMP to replace PV-2R.

The October 18, 2021 photograph series (Attachment 1, Photographs 1 through 9) begins in the hallway bathroom, and proceeds down the center hallway to the HigherDOSE Spa side entrance. Approximate slab repair areas are shown with a blue dashed line. Photograph 2 shows slab repairs covering VMP PV-2R, as well as several small cracks (less than 3 inches wide and long) in the slab. Photographs 3 through 7 show slab repairs in the center hallway. Photograph 8 shows the slab behind the HigherDOSE Spa side entrance, connecting to the HigherDOSE Spa bathroom wall (a toilet is located immediately behind that wall, as shown in Photograph 9). No slab repairs were observed in the HigherDOSE Spa bathroom.

Vacuum Monitoring Point Installation and SSDS Monitoring, November 11, 2021

Integral performed a site visit to observe installation of replacement VMP PV-2RR and to perform monthly SSDS monitoring on November 11, 2021. Figure 1 shows the location of PV-2RR, and Photograph 10 shows the completed installation of PV-2RR, with a covering. Integral collected a pressure reading from PV-2RR of -0.408 inches of H_2O several hours after installation, indicating vacuum beneath the slab at this location. The minor cracks in the slab near the former location of VMP PV-2R that were first noted by Integral on October 18, 2021 had not been repaired at the time of the November 11, 2021 site visit. Integral notified a representative of the Owner to repair the slab. No other slab openings were noted.

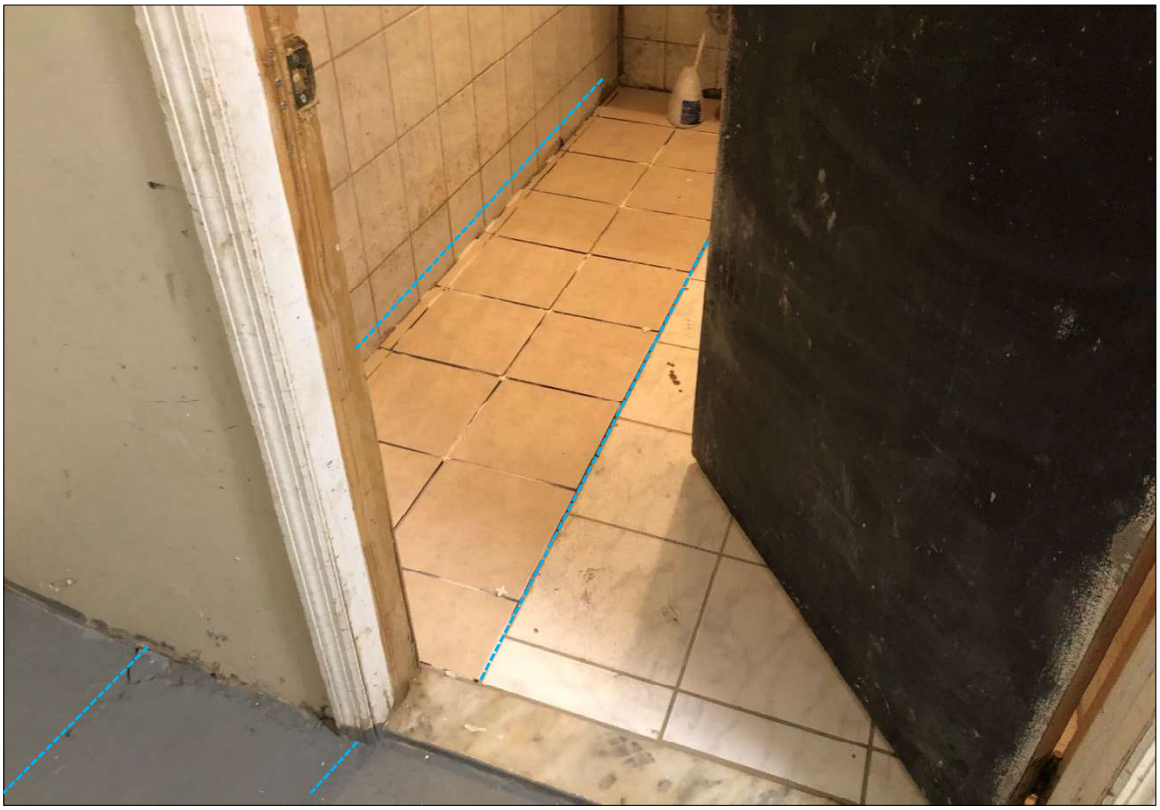
SSDS Monitoring, December 22, 2021

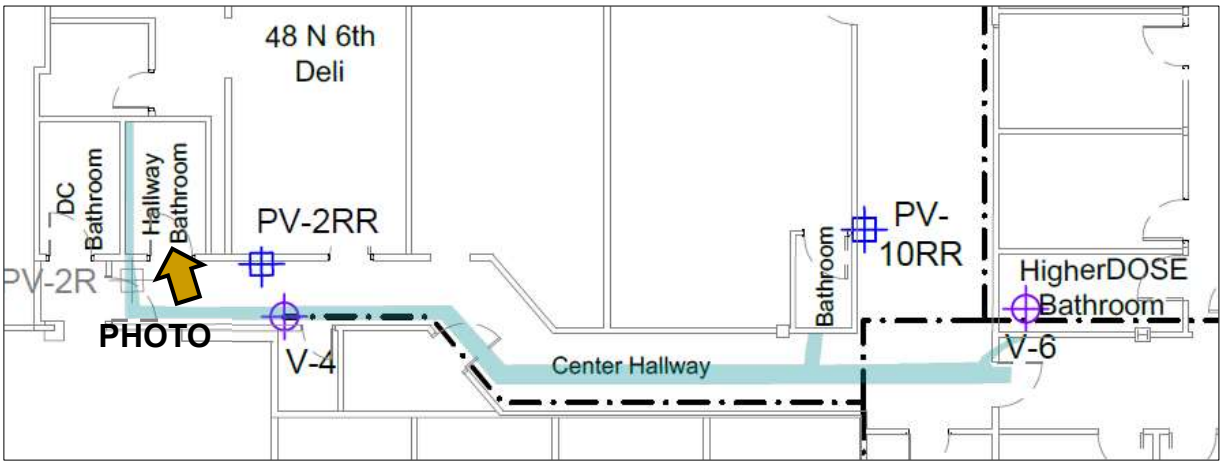
Integral performed monthly SSDS monitoring on December 22, 2021. During this monitoring event Integral was able to access the vacant commercial space adjacent to Blossom and observe the connection from the center hallway slab repair area. Photograph 11 shows the bathroom area in the rear of the vacant commercial space. This area has a sink installed and a wall connection to the wastewater line. No slab repairs were observed in the bathroom floor of the vacant commercial area.

Site Visit, March 23, 2022

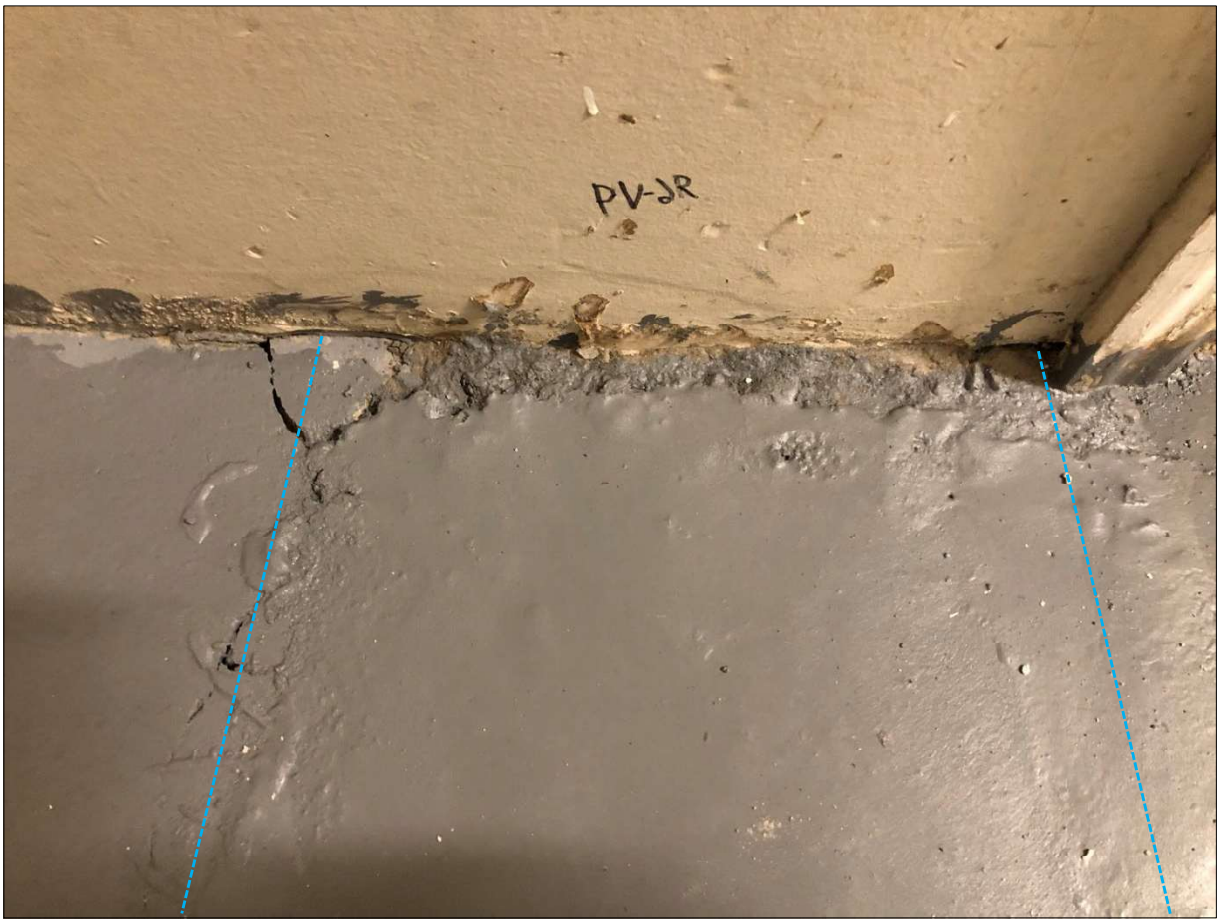
On March 23, 2022, Integral performed indoor air sampling at 135 Kent Avenue and reviewed the slab repairs to support preparation of this memorandum. The cracks near the location of former VMP PV-2R had been repaired and can be seen as an area of darker grey floor paint in Photographs 12 and 13. No slab openings were noted during the March 23, 2022 site visit.

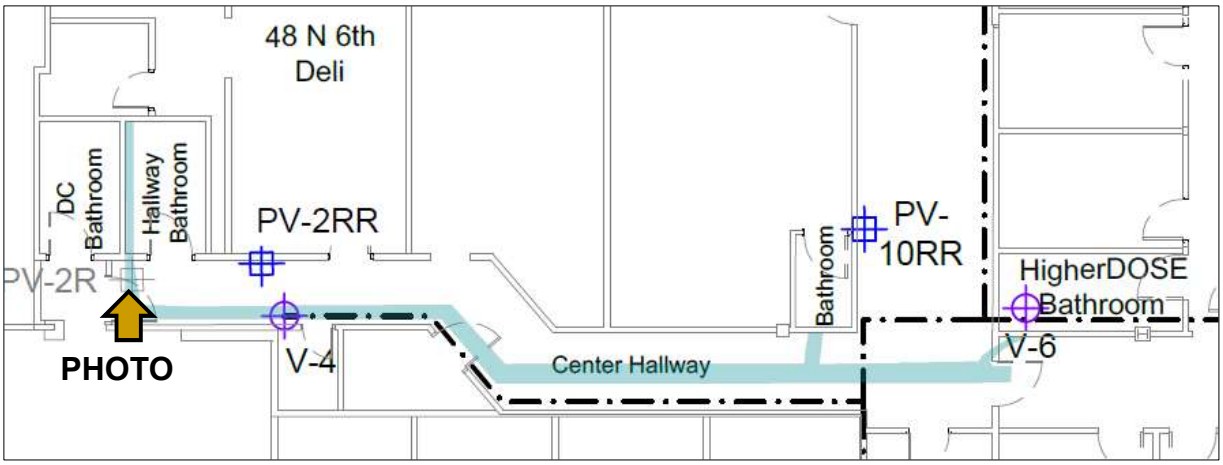
October 18, 2021 Site Visit



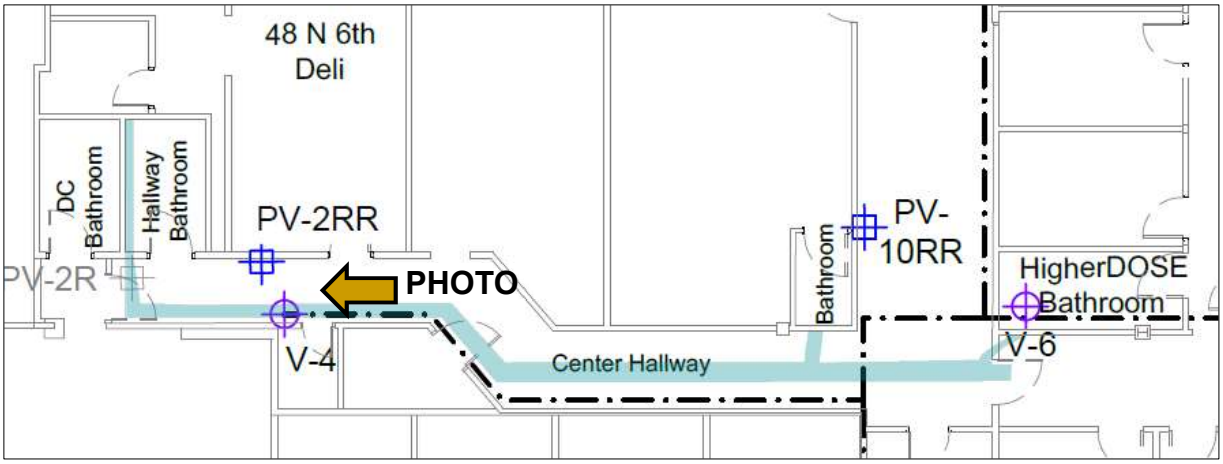


Photograph 1. Bathroom behind 48 N 6th Deli (hallway bathroom), slab repair areas shown with blue dotted line (October 18, 2021)

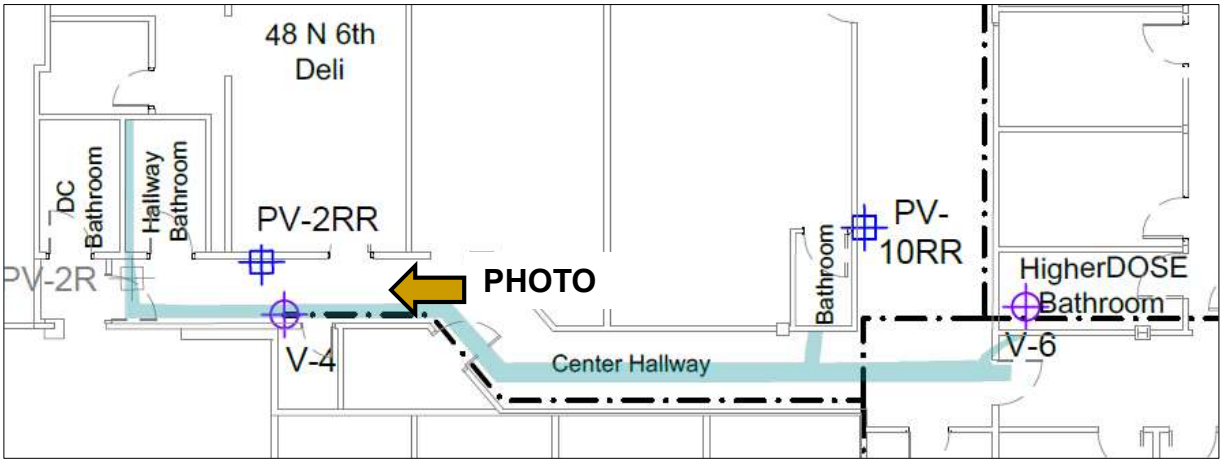




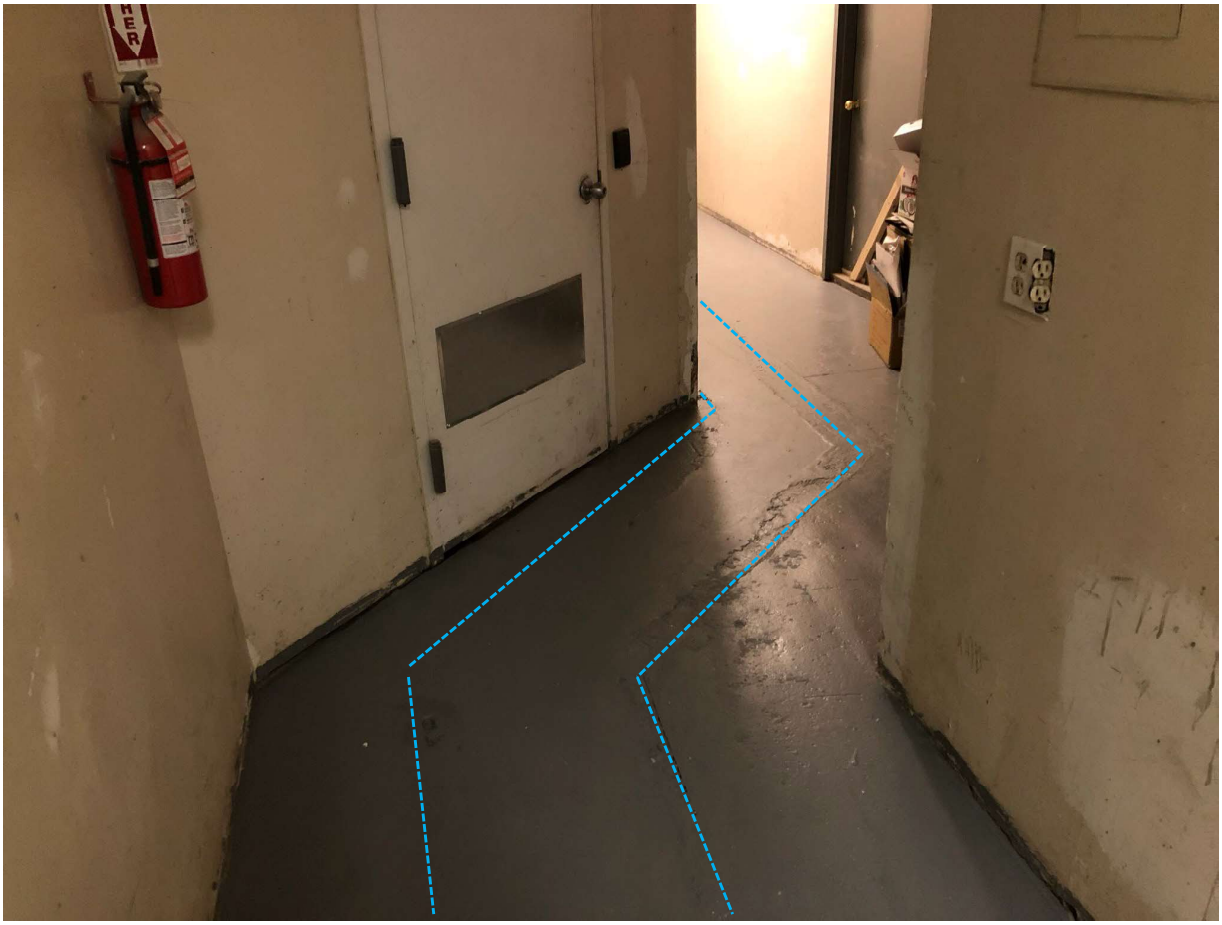
Photograph 2. Center hallway, facing toward hallway bathroom, showing cracks in slab and slab repair covering VMP PV-2R (October 18, 2021)

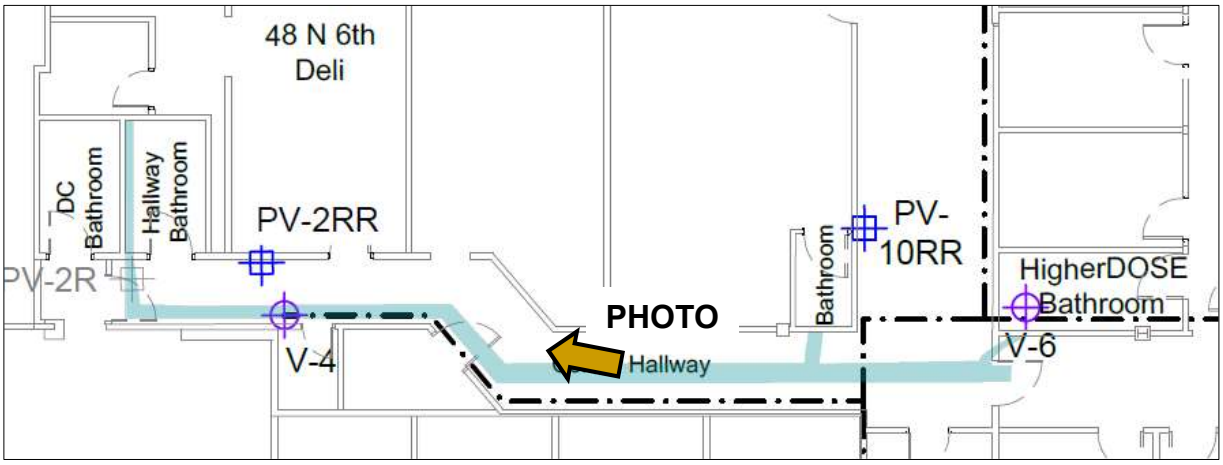


Photograph 3. Center hallway, facing door to Designers Collab side entrance, hallway bathroom door on right (October 18, 2021)

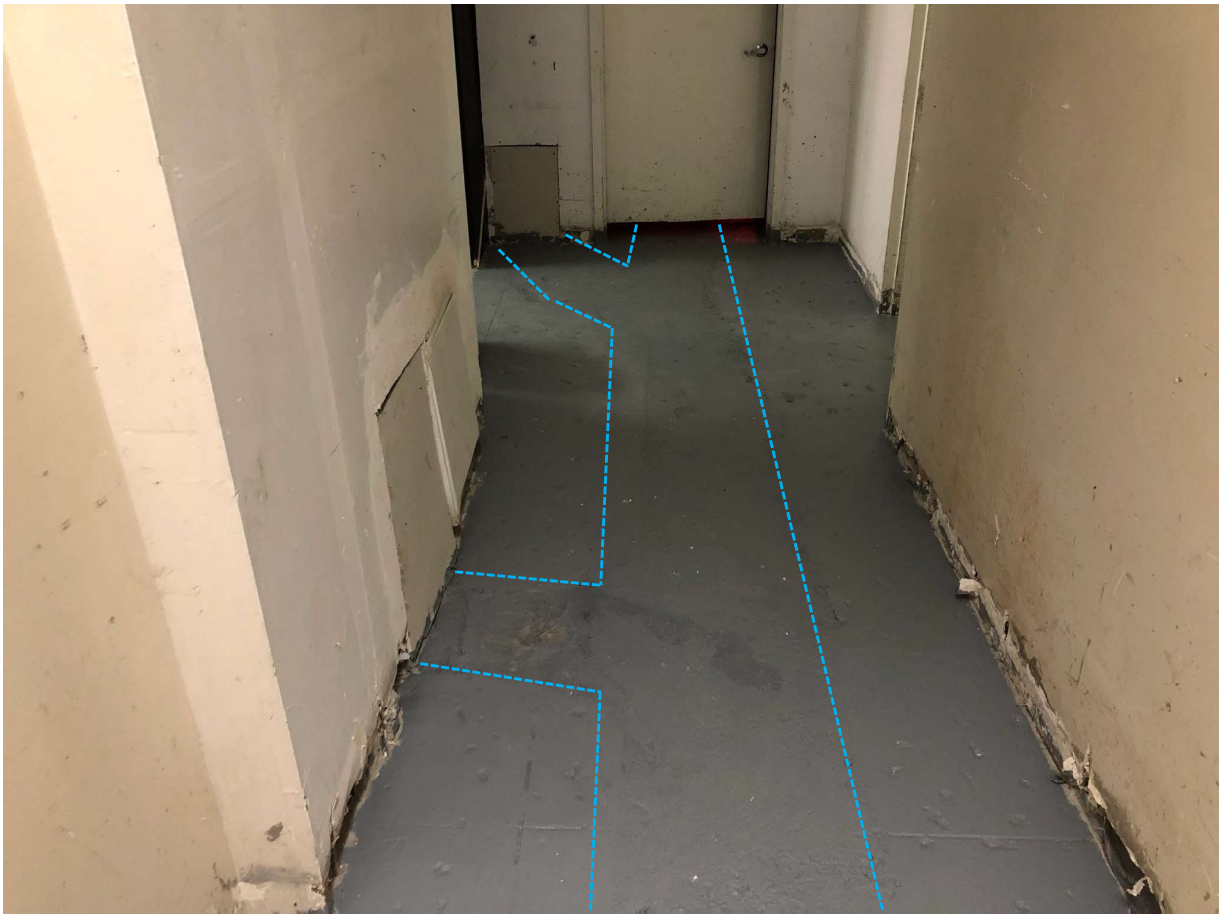


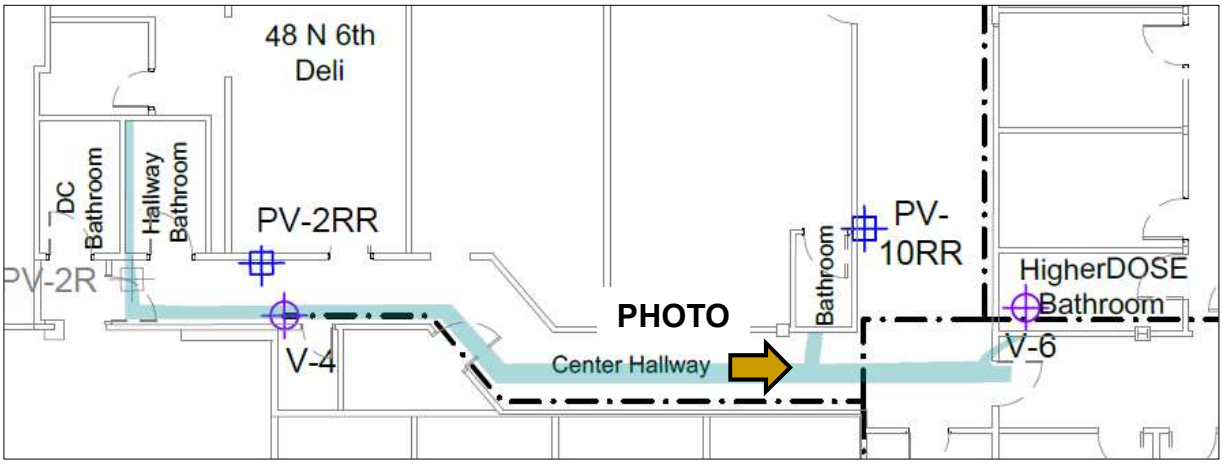
Photograph 4. Center hallway, facing door to Designers Collab side entrance, hallway bathroom door on right (October 18, 2021)



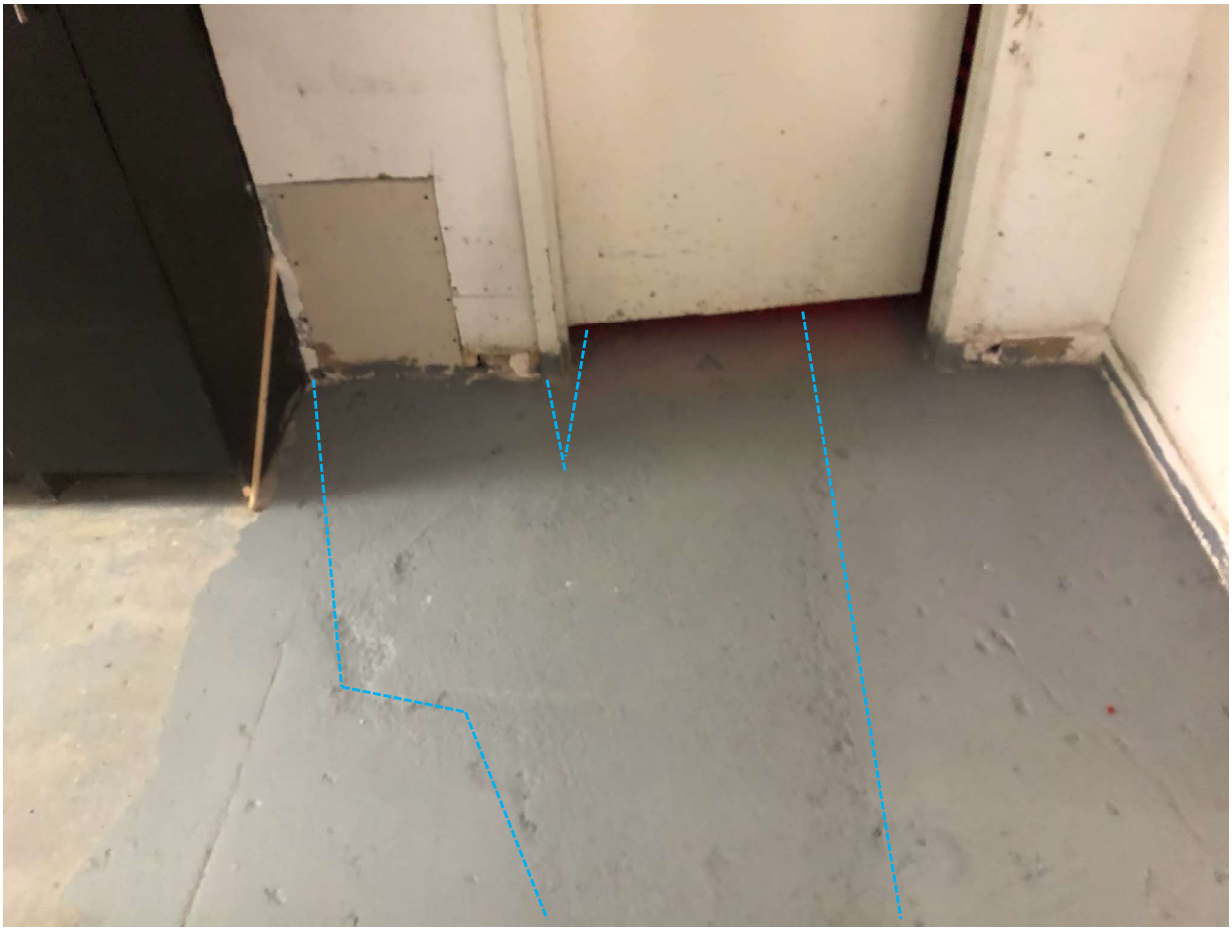


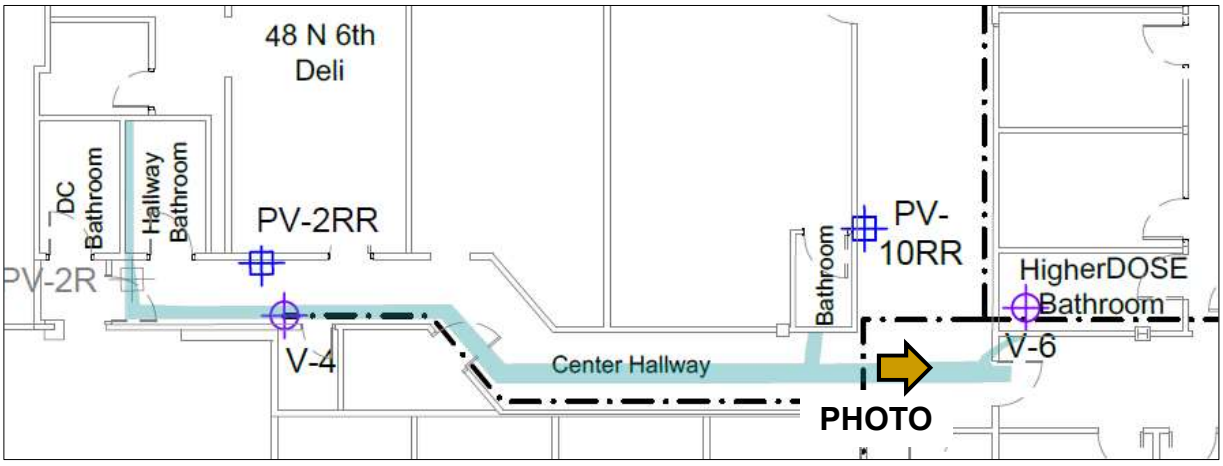
Photograph 5. Center hallway, facing toward Designers Collab (October 18, 2021)



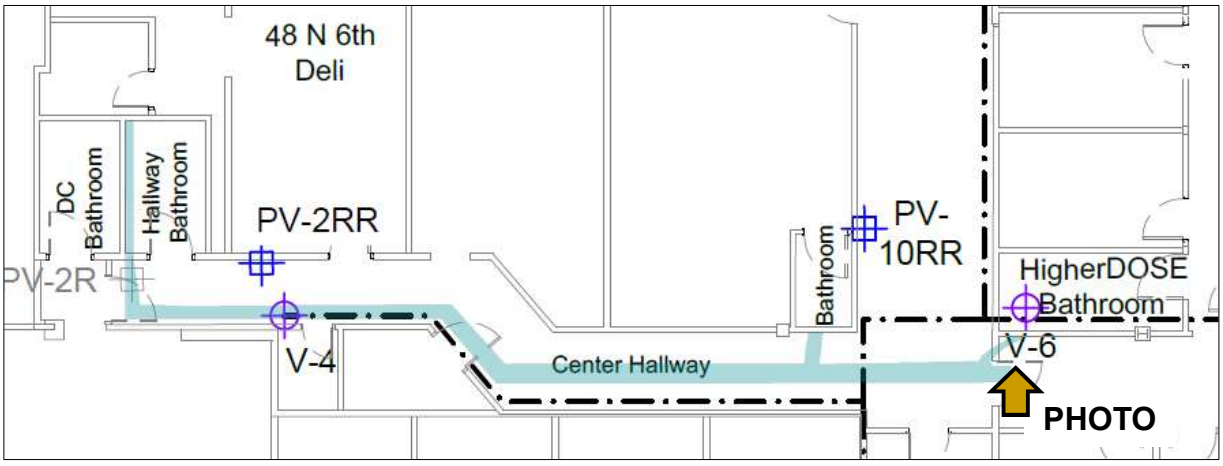


Photograph 6. Center hallway, facing away from Designers Collab toward door to HigherDOSE Spa side entrance (October 18, 2021). Slab repairs shown entering hallway wall on left connect to the wastewater line in the vacant commercial space (no access during October site visit, shown in Photograph 11).

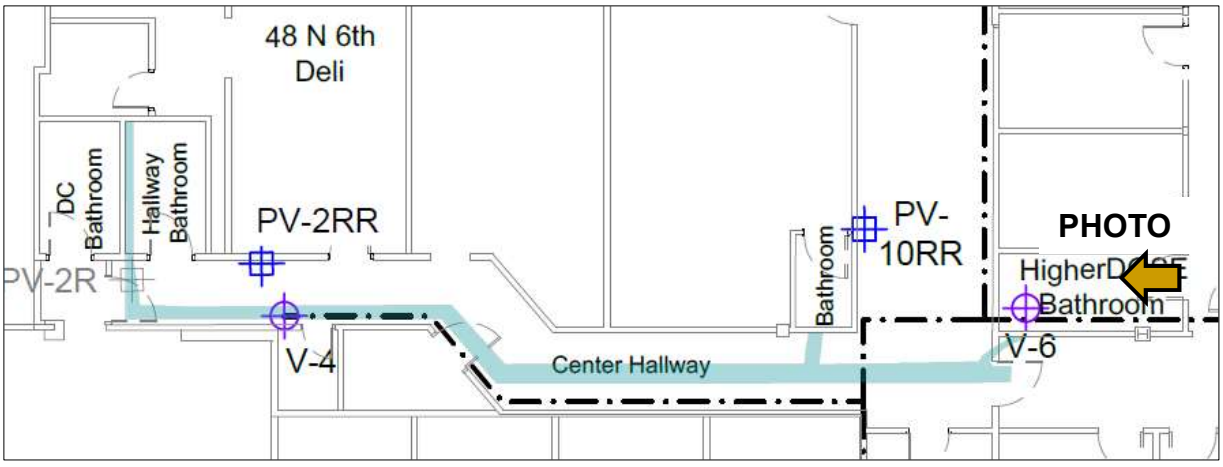




Photograph 7. Hallway slab at HigherDOSE Spa side entrance (October 18, 2021)

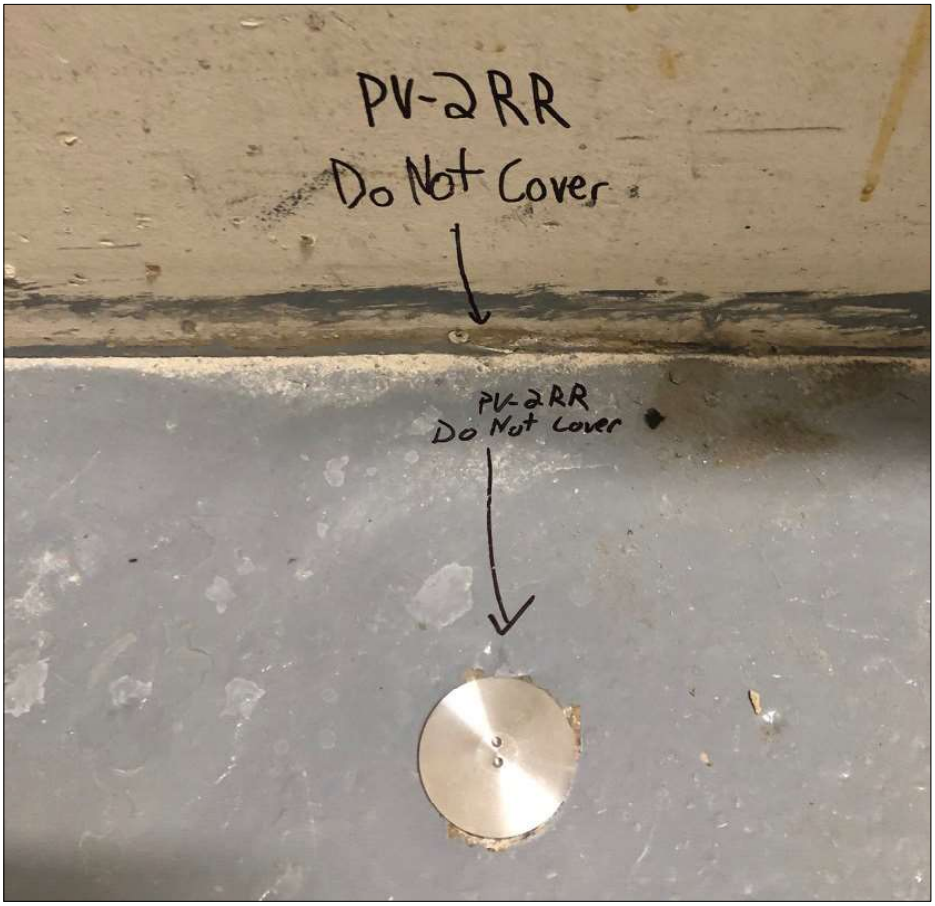


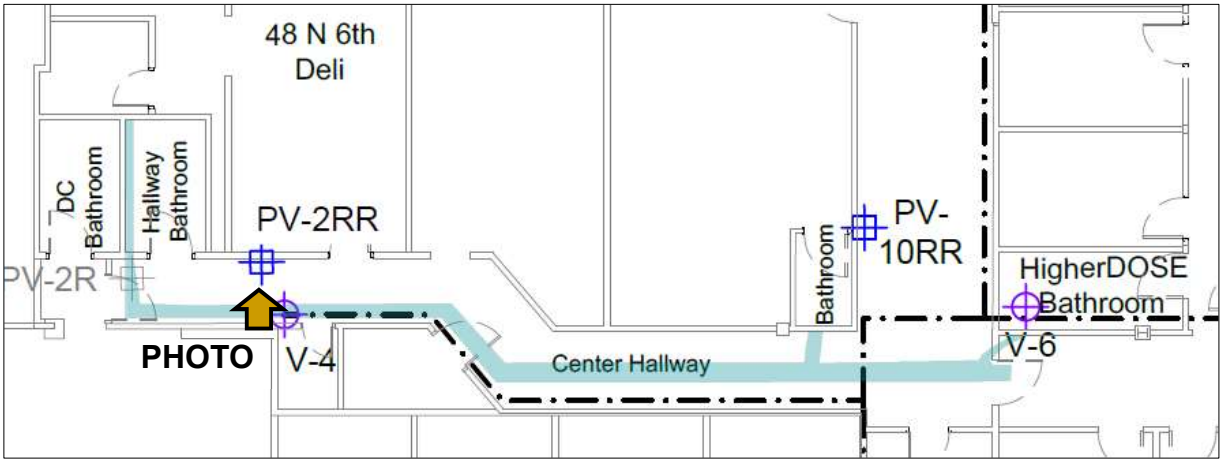
Photograph 8. Slab behind HigherDOSE Spa side entrance, door ajar, with patch on wall shared with HigherDOSE Spa bathroom (October 18, 2021)



Photograph 9. HigherDOSE Spa Bathroom, no slab repairs observed (October 18, 2021)

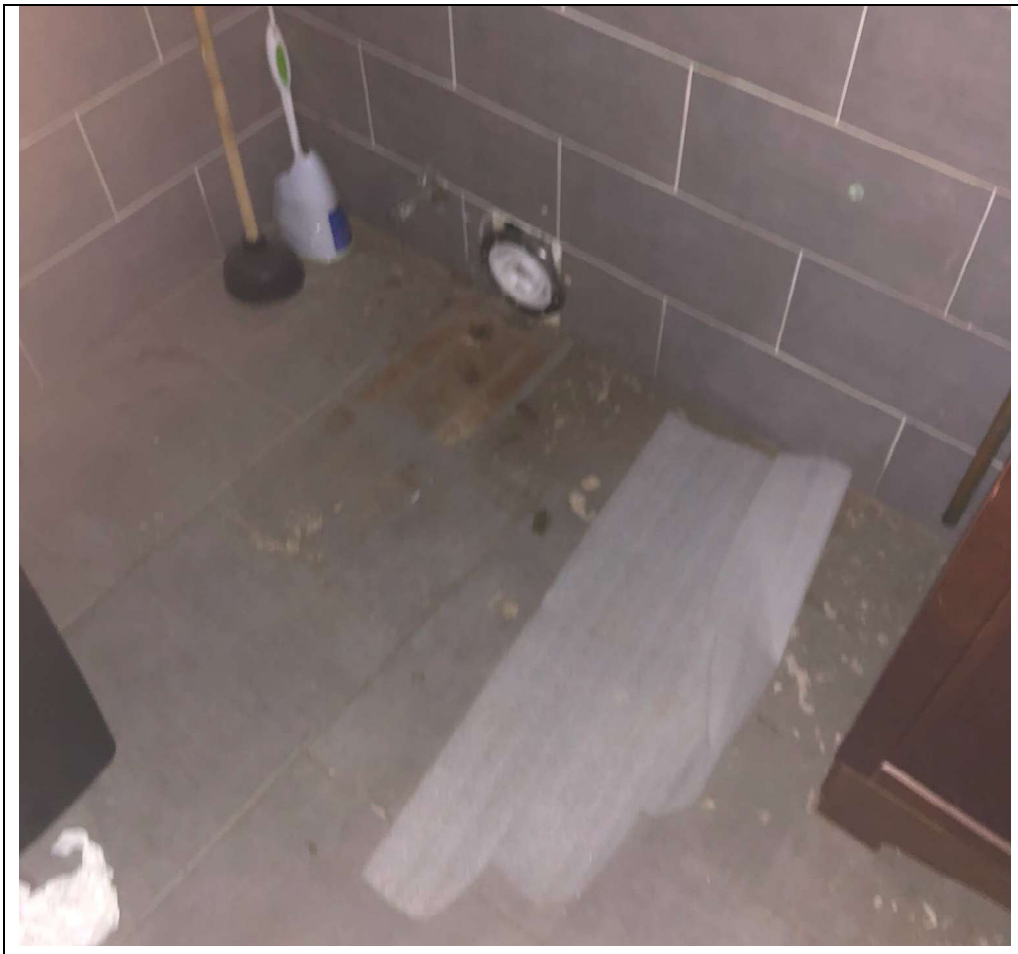
November 11, 2021 VMP Reinstallation

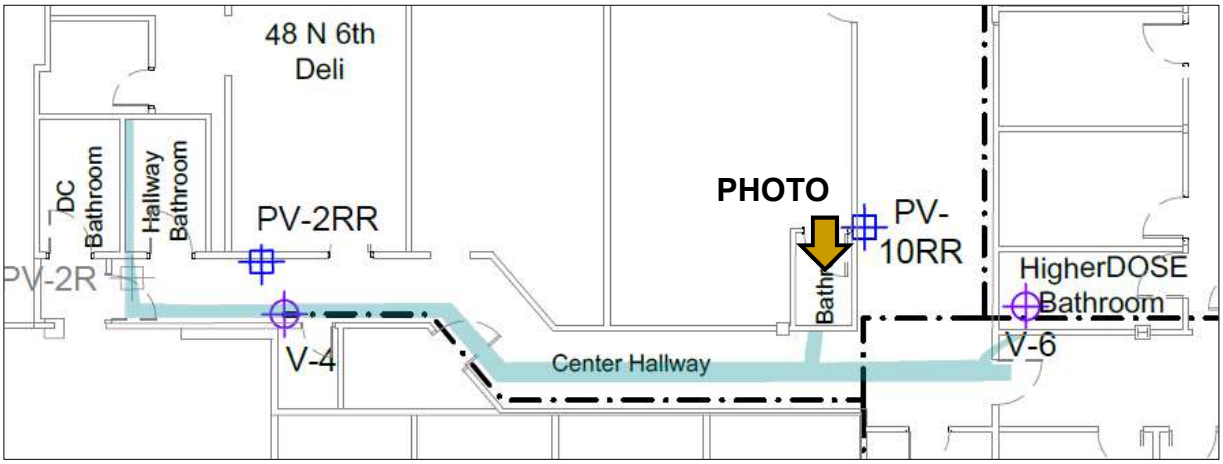




Photograph 10. Vacuum monitoring point PV-2RR (November 11, 2021)

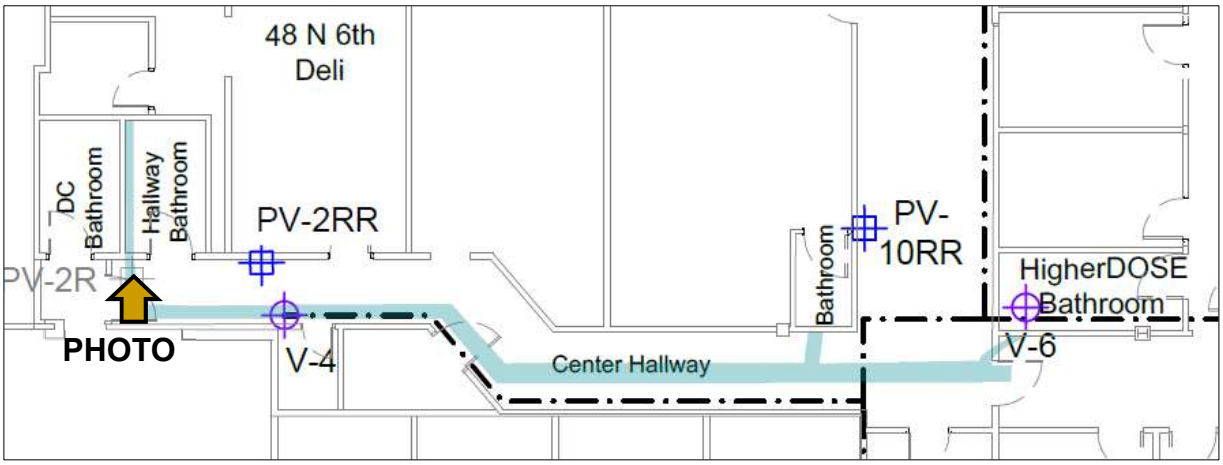
December 22, 2021 Site Visit



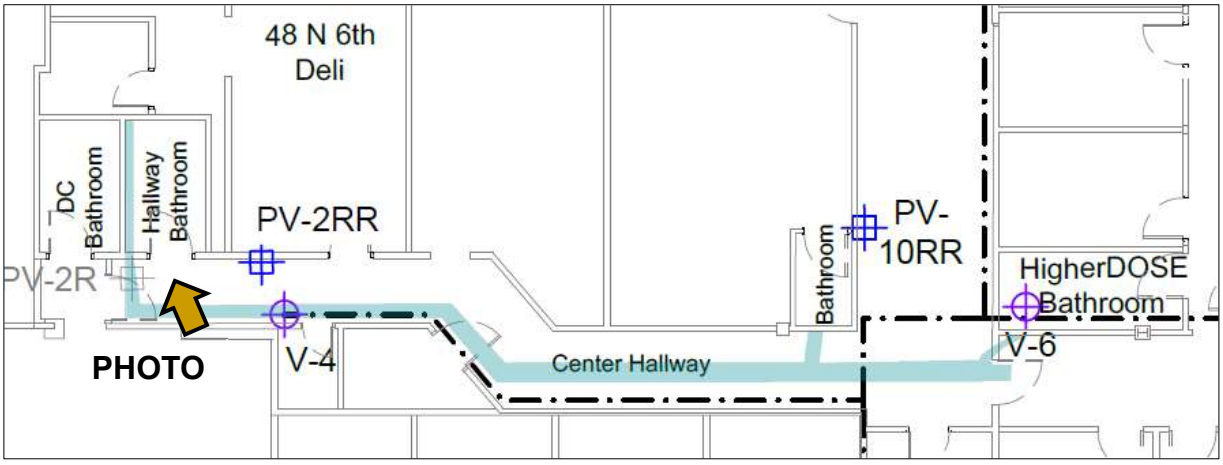


Photograph 11. Wastewater line connection in rear of vacant commercial space (December 22, 2021)

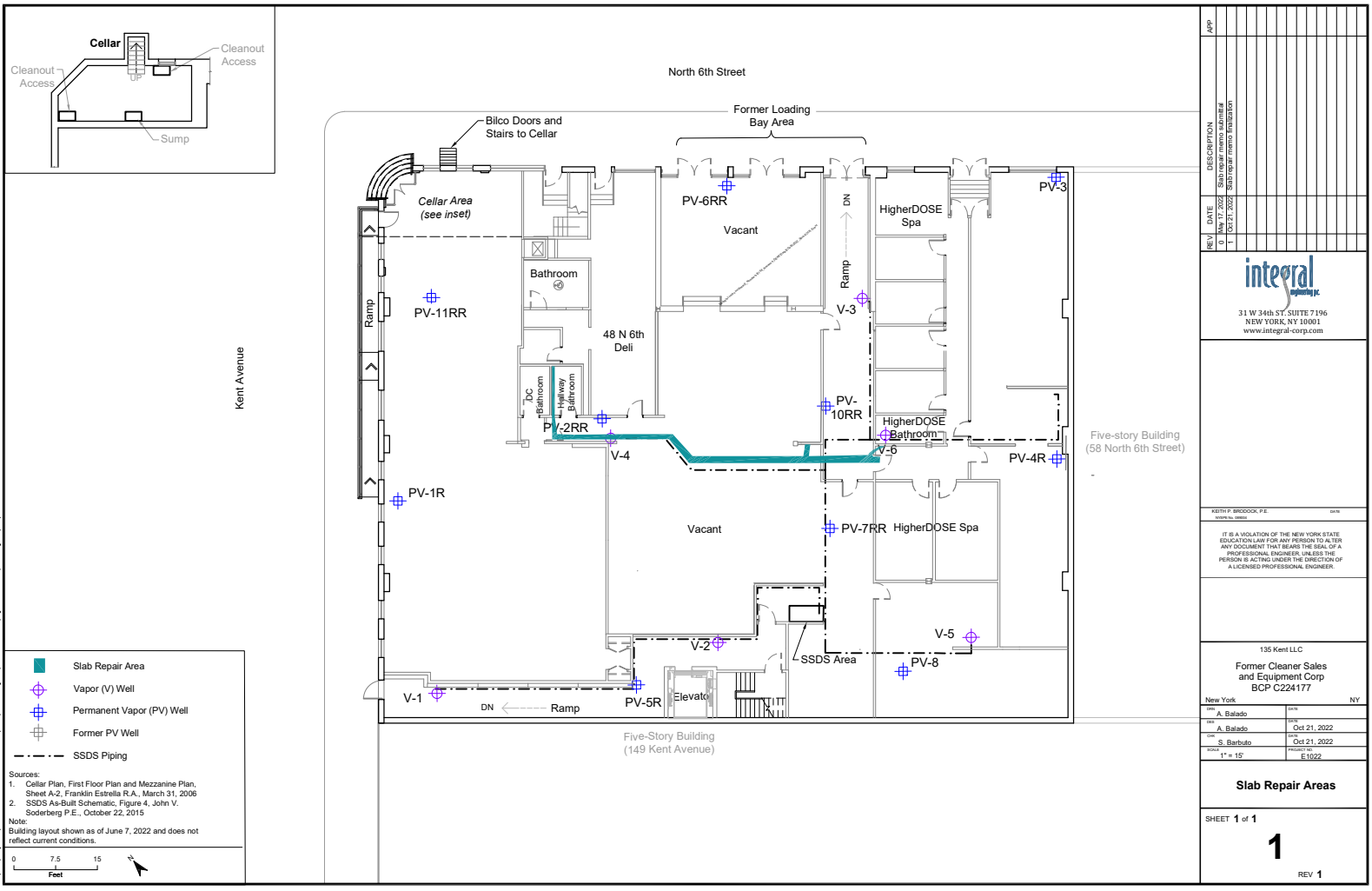
March 23, 2022 Site Visit



Photograph 12. Repair to cracks near former VMP PV-2R (March 23, 2022)



Photograph 13. Center hallway, facing entrance to hallway bathroom, showing repair to cracks near former VMP PV-2R (March 23, 2022)



REV	DATE	DESCRIPTION	APP
0	May 17, 2022	Slab repair memo submittal	
1	Oct 21, 2022	Slab repair memo finalization	

integral engineering pc
31 W 34th ST, SUITE 7196
NEW YORK, NY 10001
www.integral-corp.com

KEITH P. BROCOCK, P.E. DATE
NYSPE No. 085501

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135 Kent LLC

Former Cleaner Sales and Equipment Corp
BCP C224177

New York NY

DRN: A. Balado	DATE:
DES: A. Balado	DATE: Oct 21, 2022
CHK: S. Barbuto	DATE: Oct 21, 2022
SCALE: 1" = 15'	PROJECT NO.: E1022

Slab Repair Areas

SHEET 1 of 1

1

REV 1

N:\QES Projects\E1022_135KentLLC\CAD\Monitoring_Report_Nov2021\Figure_1_site_plan.dwg 10/21/2022 1:30:12 PM

From: Sara Barbuto
To: "O"Connell, Jane H (DEC)"; Keith Brodock
Cc: Ockerby, Renata E (HEALTH); McLaughlin, Scarlett E (HEALTH); "Michael Weitzman"; Simpson, James L (DEC); John-Patrick Curran; Zheng, Wendi Y (DEC)
Subject: RE: 135 Kent Avenue, Site No. C224177, Former Cleaner Sales & Equipment Corp.
Date: Tuesday, October 12, 2021 5:39:05 PM
Attachments: image002.png
image003.png

Hi Jane,
I spoke with Michael Weitzman of 135 Kent LLC. There have been ongoing toilet issues in the restroom for the former coffee shop (hallway behind Blossom), and work was being done to repair that toilet. Mr. Weitzman has reached out to his property manager to confirm the status of the slab. Mr. Weitzman is going to the building first thing to document what work was done, and will provide documentation once he is finished at the building. We discussed notification requirements prior to any slab opening. We plan to be in communication on this issue once we have more information tomorrow.
Thank you,
Sara

From: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Sent: Tuesday, October 12, 2021 2:42 PM
To: Keith Brodock <kbrodock@integral-corp.com>; Sara Barbuto <sbarbuto@integral-corp.com>
Cc: Ockerby, Renata E (HEALTH) <renata.ockerby@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; 'Michael Weitzman' <mike@dureny.com>; Simpson, James L (DEC) <James.Simpson@dec.ny.gov>; John-Patrick Curran <jpcurran@sprlaw.com>; Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Subject: RE: 135 Kent Avenue, Site No. C224177, Former Cleaner Sales & Equipment Corp.

[CAUTION: External email. Think before you click links or open attachments.]
Thanks

Jane H. O'Connell, P.G.
Regional Remediation Engineer, Division of Environmental Remediation

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov
www.dec.ny.gov |

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

From: Keith Brodock <kbrodock@integral-corp.com>
Sent: Tuesday, October 12, 2021 2:38 PM
To: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Sara Barbuto <sbarbuto@integral-corp.com>
Cc: Ockerby, Renata E (HEALTH) <renata.ockerby@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; 'Michael Weitzman' <mike@dureny.com>; Simpson, James L (DEC) <James.Simpson@dec.ny.gov>; John-Patrick Curran <jpcurran@sprlaw.com>; Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Subject: RE: 135 Kent Avenue, Site No. C224177, Former Cleaner Sales & Equipment Corp.

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Jane,

I was not aware of work being done in the building; we will look into it and get back to you.

KEITH P. BRODOCK, P.E., P.P. | **Principal**
Tel: 212.440.6702 | Cell: 646.895.3325
31 West 34th Street, Suite 7196 | New York | NY 10001
kbrodock@integral-corp.com | www.integral-corp.com
Licensed in AL, CT, DE, FL, IL, MD, MI, MO, MS, MT, NC, NJ, NY, TX

integral INSIGHT FOR AN EVOLVING WORLD

From: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Sent: Tuesday, October 12, 2021 2:23 PM
To: Sara Barbuto <sbarbuto@integral-corp.com>; Keith Brodock <kbrodock@integral-corp.com>
Cc: Ockerby, Renata E (HEALTH) <renata.ockerby@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; 'Michael Weitzman' <mike@dureny.com>; Simpson, James L (DEC) <James.Simpson@dec.ny.gov>; John-Patrick Curran <jpcurran@sprlaw.com>; Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Subject: 135 Kent Avenue, Site No. C224177, Former Cleaner Sales & Equipment Corp.
Importance: High

[CAUTION: External email. Think before you click links or open attachments.]
Hi Sara and Keith – please see attached email and advise on what this work is and whether the slab has been penetrated?

Jane H. O'Connell, P.G.
Regional Remediation Engineer, Division of Environmental Remediation

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov
www.dec.ny.gov |

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

APPENDIX G
Matrix Letter Regarding Sound/Vibration Reducing Equipment Compound (IRM Addendum Letter #3)

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

MATRIX
ENVIRONMENTAL ENGINEERS, PLLC
Remediation, Water Treatment and Environmental Engineering
716.662.0745 | www.matrixbiotech.com

January 14, 2025

Wendi Y. Zheng
NYSDEC Region 2
4740 21st Street
Long Island City, NY 11101

RE: IRM Addendum Letter #3
Former Cleaner Sales & Equipment Corp. Site
135 Kent Avenue
Brooklyn, NY 11249
NYSDEC Site No. C224177

Dear Ms. Zheng:

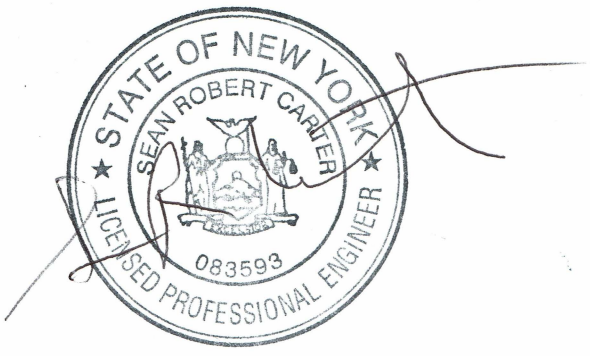
A sub-slab depressurization system (SSDS) is operating at the Site. The SSDS includes an Ametek Rotron regenerative blower (EN656M72XL) and carbon treatment system located in a treatment room on the first floor of the building. The blower and carbon will be moved from the treatment room to the roof of the building as part of first-floor renovations scheduled to begin in February 2025. This work is described in Section 2.4.2 of the August 6, 2024 Engineering Control Modifications Work Plan prepared by Integral Engineering P.C. and approved by the NYSDEC. Figure 1 from Integral is attached showing the proposed rooftop location. Elevated Engineering NYC evaluated the existing roof structure in the hallway below the proposed rooftop location to support the load of the enclosure and equipment, and certified in a January 7, 2025 letter that the roof framing is capable of withstanding the load.

The blower and carbon treatment system will be installed in an aluminum frame sound-reducing weatherproof enclosure manufactured by ArtUSA Industries, Inc. The enclosure, as shown in the attached schematic, includes a 2-inch thick floor panel set on a 0.56-inch thick vibration damping pad (specifications attached), air intake and exhaust hoods, electric wall-mount heater and removable side panels for access to the equipment. To ensure the selected enclosure would be effective for noise control, Integral Engineering collected sound data on September 30, 2024. The existing blower measured 86 dB and the sound transmission loss rating of the enclosure is 37 dB. Based on this data the expected sound from the rooftop enclosure will be approximately 49 dB, below the outdoor ambient noise level of 58-62 dB measured on the roof of the building. Therefore, the rooftop enclosure is expected to be effective for noise control by reducing sound from the operating blower to below ambient levels.

If you have any questions, please contact me.

Sincerely,
Matrix Environmental Engineers, PLLC

Sean R. Carter, P.E.
Principal Engineer



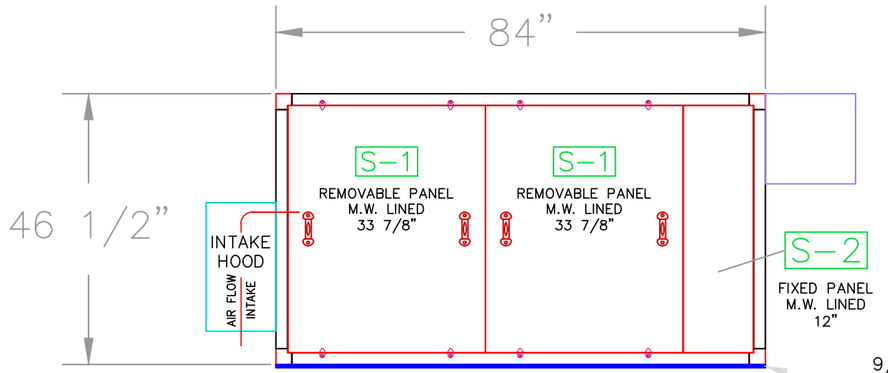
cc: Jason Giller, 135 Kent Avenue LLC
Robert M. Bennett, Rock Enviro

Attachments: Figure 1 from Integral Engineering
ArtUSA Industries, Inc. enclosure schematic
Vibration damping pad specifications

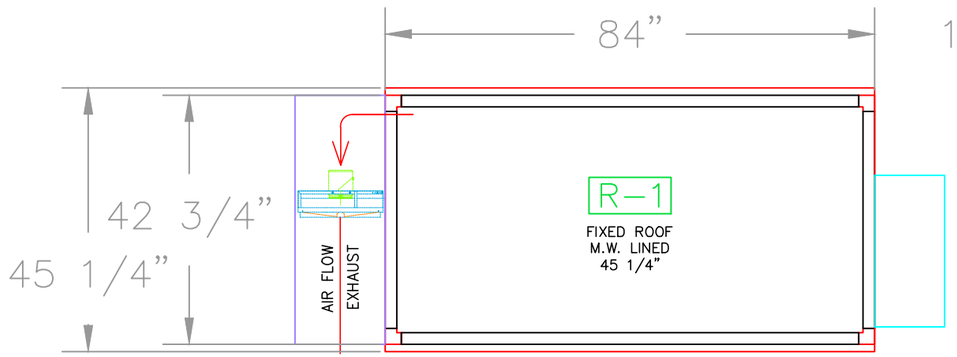
integral engineering p.c.

Figure 1.
Proposed SSDS Rooftop Location with Second Floor Layout
135 Kent Avenue, Brooklyn, NY

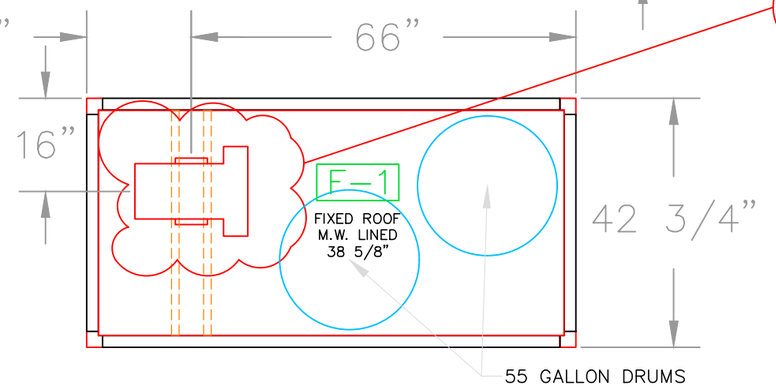
11066-0



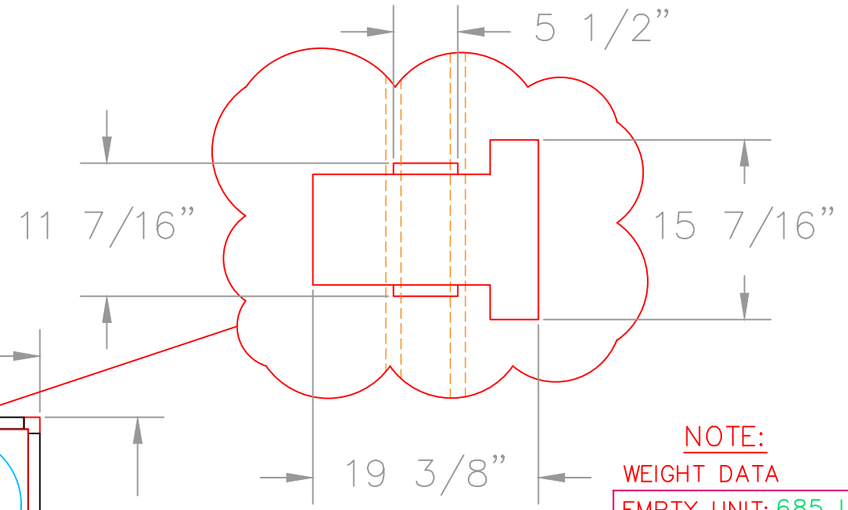
BACK VIEW



TOP VIEW



BOTTOM VIEW



NOTE:

WEIGHT DATA

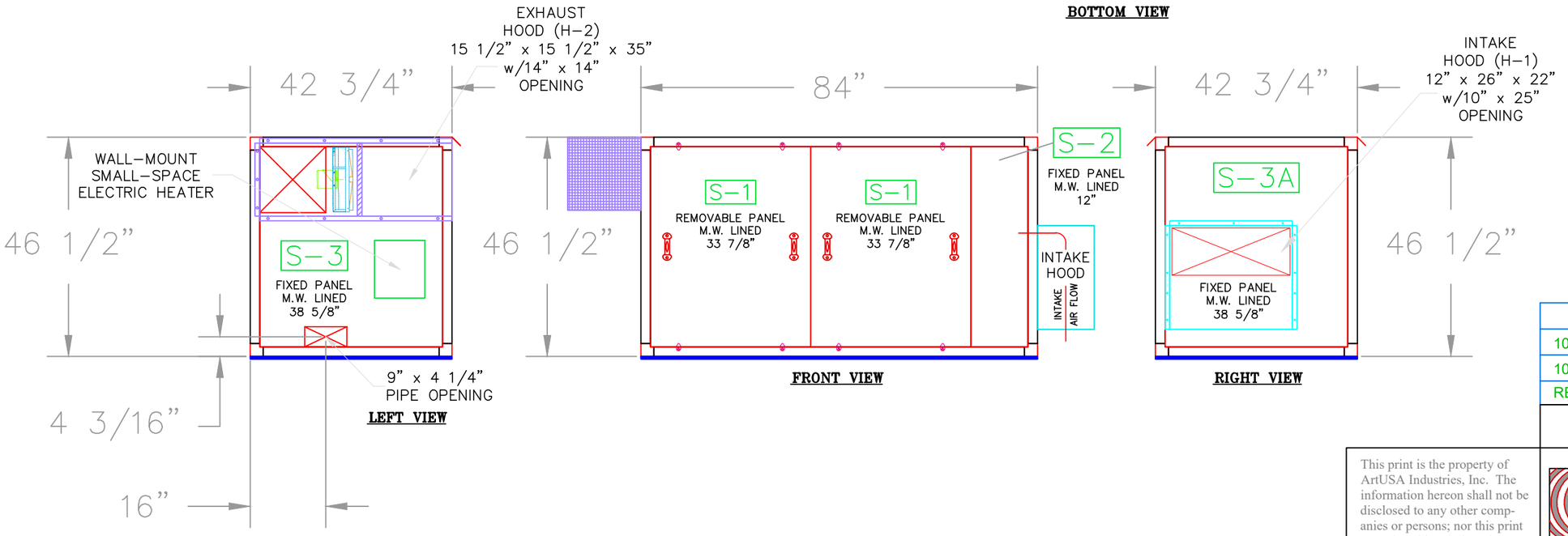
EMPTY UNIT:	685 LBS
w/ BLOWER+DRUMS:	1,765 LBS

HEATER DATA

T-STAT	
Voltage:	120V
Current:	12.5A

FAN MOTOR DATA

Motor HP:	1/15 HP
Voltage:	115V
Current:	0.6A



LEFT VIEW

FRONT VIEW

RIGHT VIEW

		QA Check
☒	ASSEMBLED	
☐	UNASSEMBLED	

		QA Check
☒	PAINTED (7035)	
☐	GALVANIZED	

INSULATION		QA Check
☒	M.W. (MINERAL WOOL)	
☒	PERFORATED LINER	

REV. NO.	DESCRIPTION OR E.C.NUMBER	DATE	BY
1056	PRODUCTION	11/19/24	JTB
1052	CUSTOMER CHANGES	11/13/24	JTB

ArtUSA Industries, Inc.

The Name to Know for Noise Control

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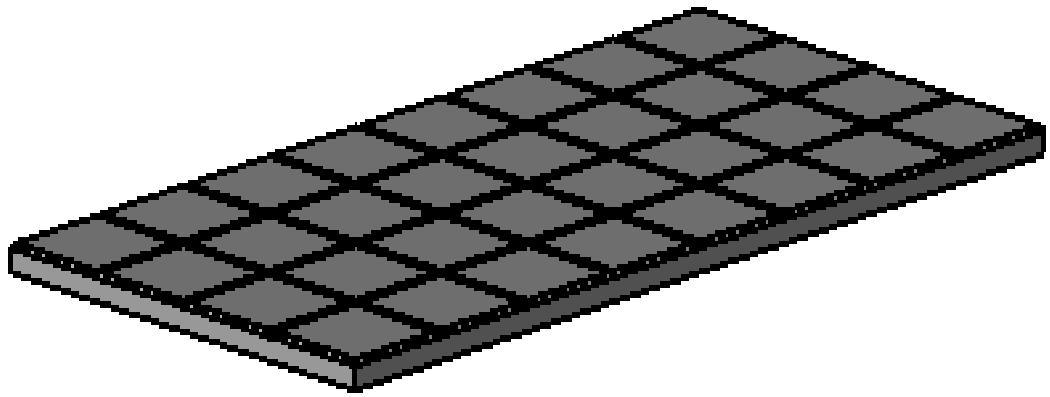
DATE 11/11/24	TITLE (1)NOISE ENCLOSURE PO# 091724692R2		
SCALE NONE	DR.BY JTB	CUSTOMER DOUBLE U DEVEL	SIZE B
DWG.NO. 11066-0	REV. 2	SHT. 1 OF 4	

Vibration-Damping Pad, Rectangle, Recycled Rubber, 9/16" Thick

Shape	Rectangle
Material	Recycled Rubber
Texture	Rough
Length	23"
Width	11 1/2"
Thickness	9/16"
Capacity per Mounting Point	225 psi
Deflection @ Capacity	0.5"
Hardness	Durometer 55A
Hardness Rating	Medium
Color	Black
Temperature Range	-20° F to 200° F
Mount Type	Rest On
Country of Origin	United States
DFARS Compliance	Specialty Metals COTS-Exempt
ECCN	EAR99
REACH Compliance	Not Compliant
RoHS Compliance	RoHS 3 (2015/863/EU) Compliant
Schedule B Number	400811.0000
USMCA Qualifying	No

These vibration-damping pads resist abrasion and tears, providing excellent durability. Place pads under equipment to minimize vibration and noise transmitted to and from machinery.

Recycled Rubber—Recycled rubber pads have a higher capacity for heavier equipment than natural rubber pads. They have excellent oil and weather resistance.



ArtUSA Noise Control Products Inc.
(404) 421-5348

www.NoiseControlProducts.com

APPENDIX H
Inline Activated Carbon HVAC Filtration Units

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

AC INFINITY

DUCT CARBON FILTER

PREMIUM AUSTRALIAN CHARCOAL

USER MANUAL

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE CL2208X1 (Carbon Filter)

PRODUCT	MODEL	UPC-A
DUCT CARBON FILTER, 4"	AC-DCF4	819137020665
DUCT CARBON FILTER, 6"	AC-DCF6	819137020672
DUCT CARBON FILTER, 8"	AC-DCF8	819137020689
DUCT CARBON FILTER, 10"	AC-DCF10	819137020825
DUCT CARBON FILTER, 12"	AC-DCF12	819137021617
DUCT CARBON FILTER XL, 4"	AC-DCF4-XL	819137023000
DUCT CARBON FILTER XL, 6"	AC-DCF6-XL	819137023017
DUCT CARBON FILTER XL, 8"	AC-DCF8-XL	819137023024

MANUAL INDEX

Manual Index ..... Page 5

Product Warning ..... Page 6

Key Features ..... Page 7

Product Contents ..... Page 8

Installation ..... Page 9

Overhead Hanging ..... Page 11

Configuration Set-up ..... Page 15

Maintenance ..... Page 18

Other AC Infinity Products ..... Page 19

Warranty ..... Page 20

PRODUCT WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.

2. Check local authority requirements for proper disposal of waste and residues.

3. Read all instructions before installing and using this product.

4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.

5. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.

6. This product requires sufficient ventilation in order to properly function.

7. Ducted products must always be vented to outdoor areas.

8. Regular maintenance as outlined in the instructions is recommended to maintain ideal operation. Preventing dust accumulation will minimize potential hazards.

9. This product pairs with those that have rotating parts. Safety precautions should be exercised during the installation, operation, and maintenance of this product.

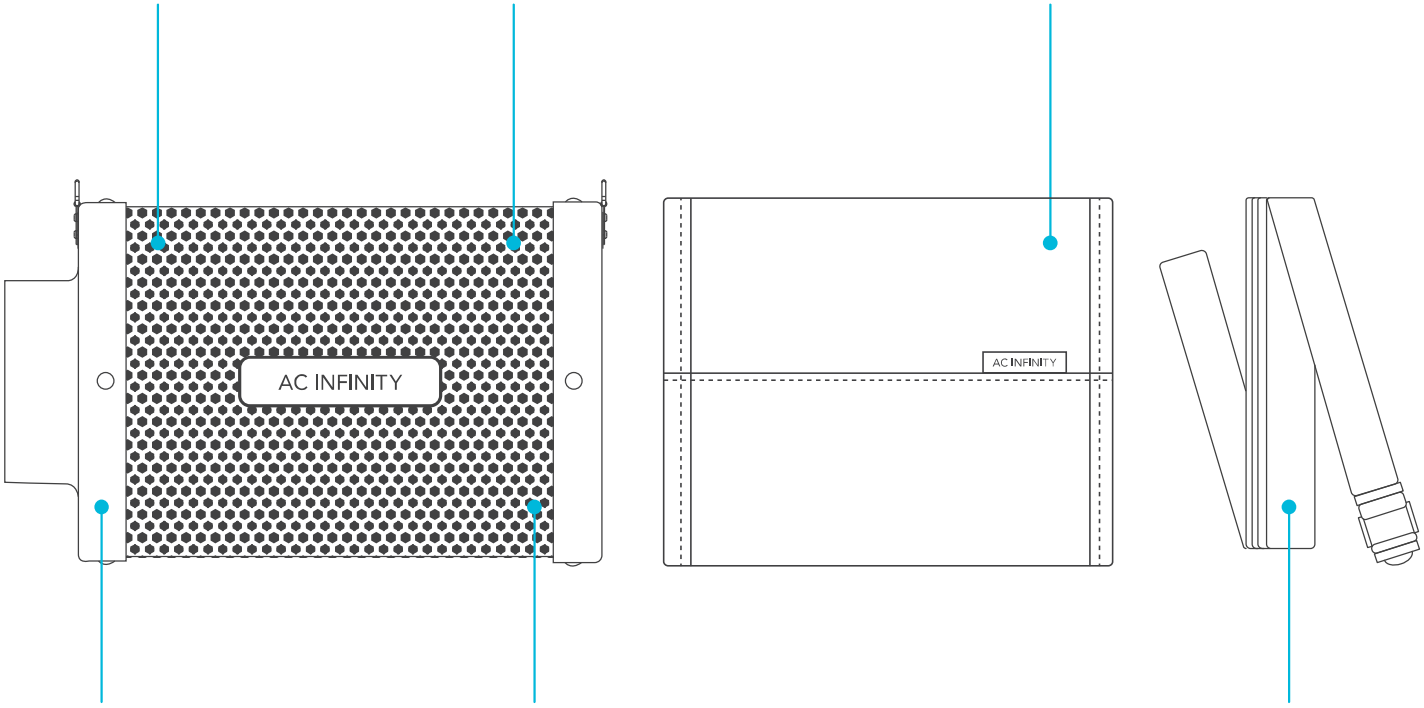
10. Ensure that safety systems are in place in case of any fire breakout.

KEY FEATURES

ALUMINUM FRAME
Features a resilient frame that resists corrosion and can be placed in high humidity settings.

MAX AIR PASSTHROUGH
Galvanized steel mesh allows complete passthrough of air suitable for both intake and exhaust applications.

CLOTH FILTER COVER
Traps particles from passing through the carbon filter. Rewash every six months to extend its lifespan.

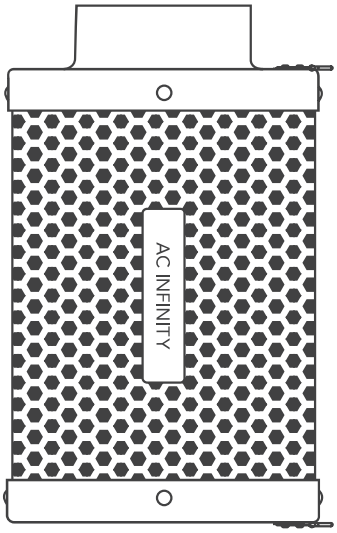


REVERSIBLE FLANGES
The flanges can be removed and placed on the opposite ends to fully utilize the carbon bed inside.

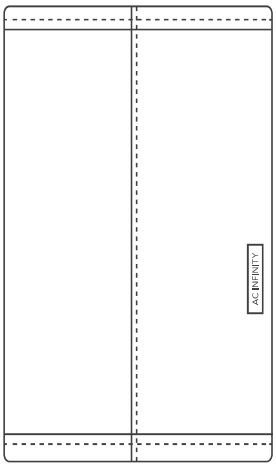
ACTIVATED CARBON
Features RC412 1200+ IAV Australian charcoal with high adsorption rate to completely block odor and scrub the air.

FILTER STRAPS
Includes two nylon straps that secures the carbon filter onto your grow tent support beams.

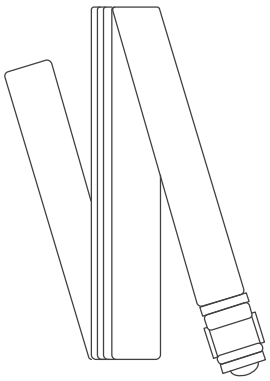
PRODUCT CONTENTS



DUCT
FILTER
(x1)



PREFILTER
CLOTH
(x2)

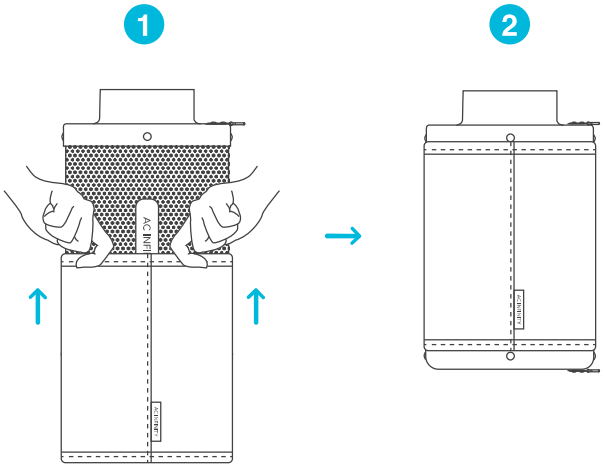


FILTER
STRAPS
(x2)

INSTALLATION

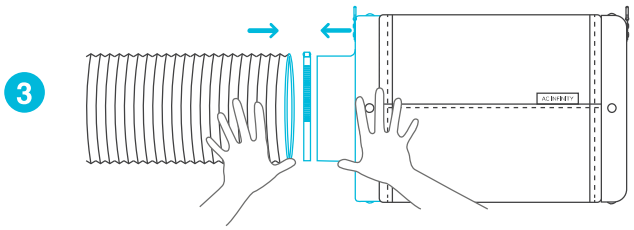
STEP 1

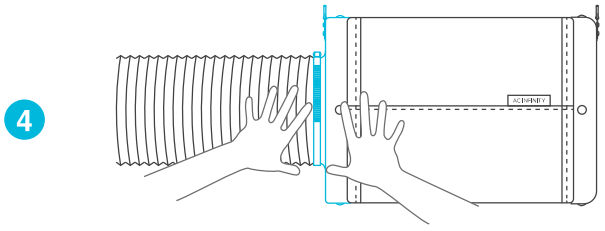
Slip the cloth over your filter to block dust and other particles from passing through. Make sure the entire metal mesh is covered by the cloth.



STEP 2

Connect your duct tube over your filter. Use duct clamps to secure the connection. You may also apply ducting tape before using the duct clamps for even further security.

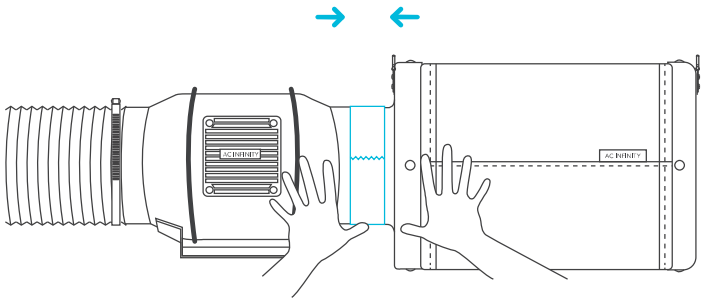




INSTALLATION

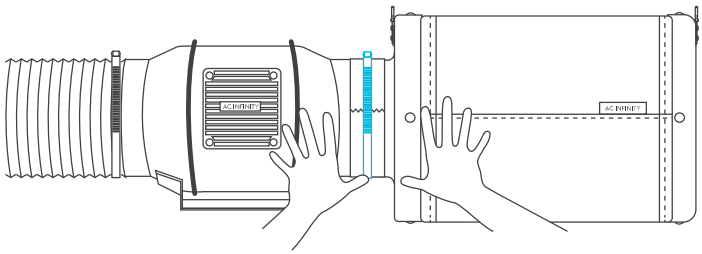
STEP 3

You may also connect your filter directly to your inline duct fan. Use ducting tape to secure them together.



STEP 4

If your filter is placed in a humid space, position it at the highest point possible.

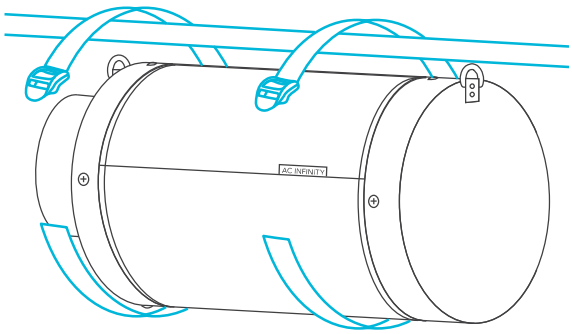


OVERHEAD HANGING

STRAPS

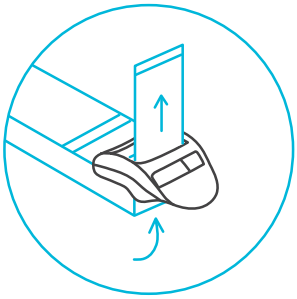
STEP 1

Loop the strap around a hanging pole.



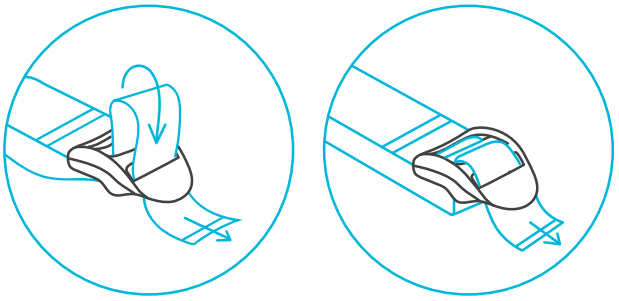
STEP 2

Slip the strap through the inner ladder lock slot from the bottom.



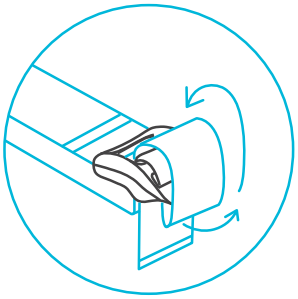
OVERHEAD HANGING
STRAPS

STEP 3
Route the strap into the outer ladder lock slot from the top. Adjust the length of the completed loop as needed.



Adjust to size

STEP 4
Tuck the loose ends through the center gap of the ladder lock to secure the loop.

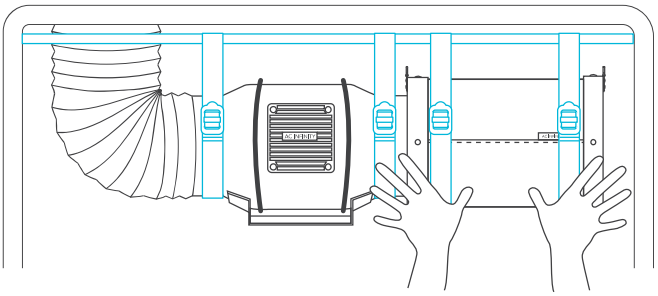


Loop through middle
to lock in place

OVERHEAD HANGING
STRAPS

STEP 5

Connect your filter to your ductwork using your preferred method, as shown on pages 9 and 10.

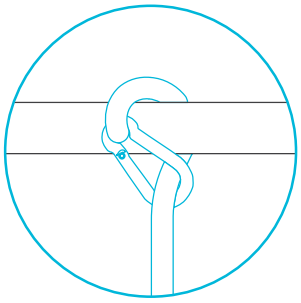


OVERHEAD HANGING

ROPE CLIPS*

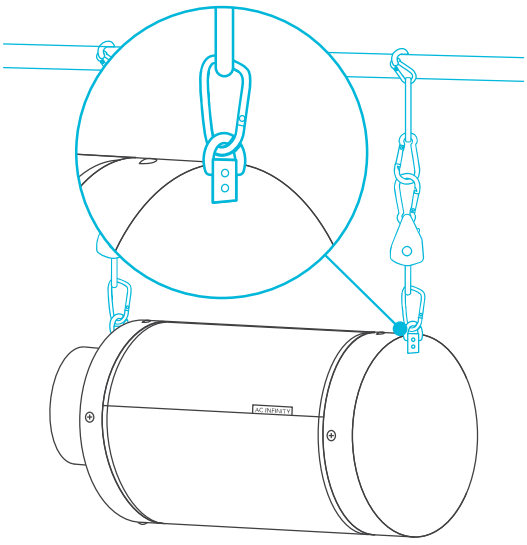
STEP 1

Loop the rope clip hangers around your grow tent's support beams.



STEP 2

Hook the carabiners into the steel hooks located on the flanges.

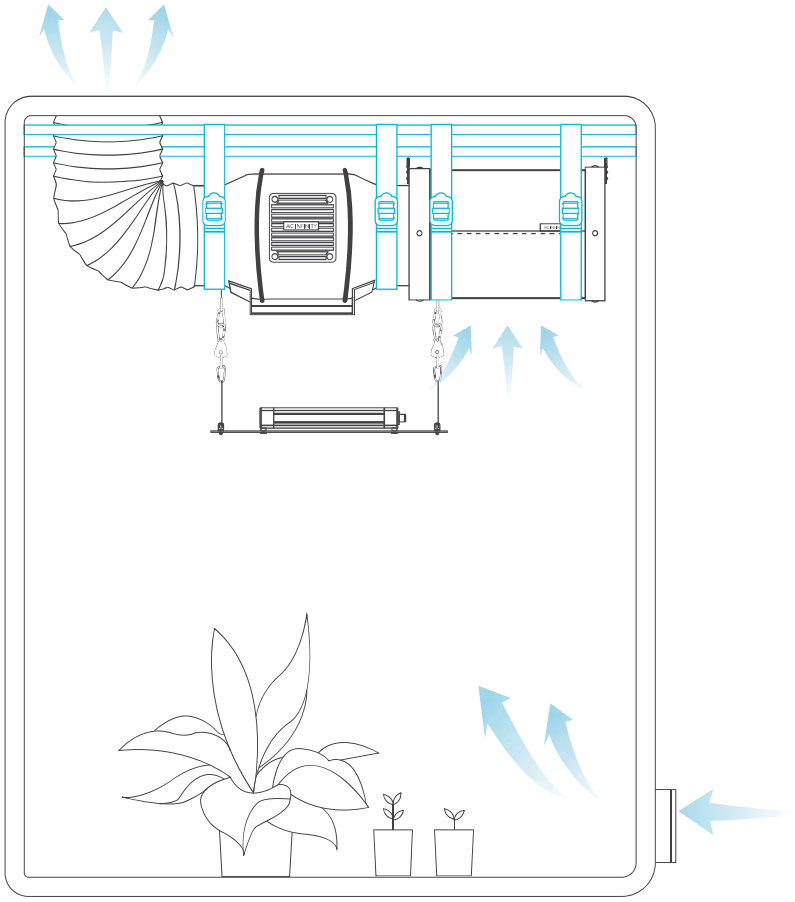


* Sold separately

INSTALLATION
CONFIGURATION SET-UP

INTERIOR HANGING

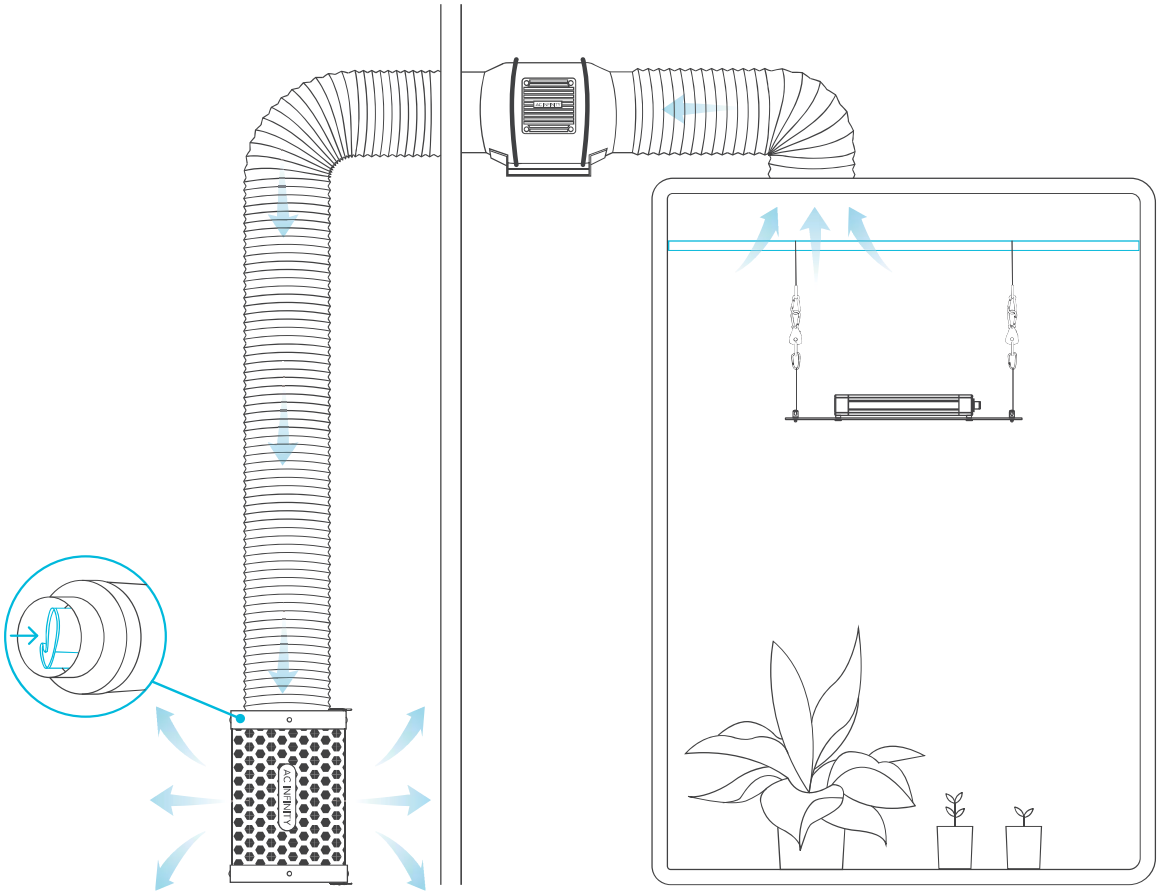
To use this filter in intake applications, place the filter inside your grow space. Make sure your filter is connected to your inline duct fan's intake end before completing the installation.



INSTALLATION
CONFIGURATION SET-UP

EXTERIOR MOUNTING

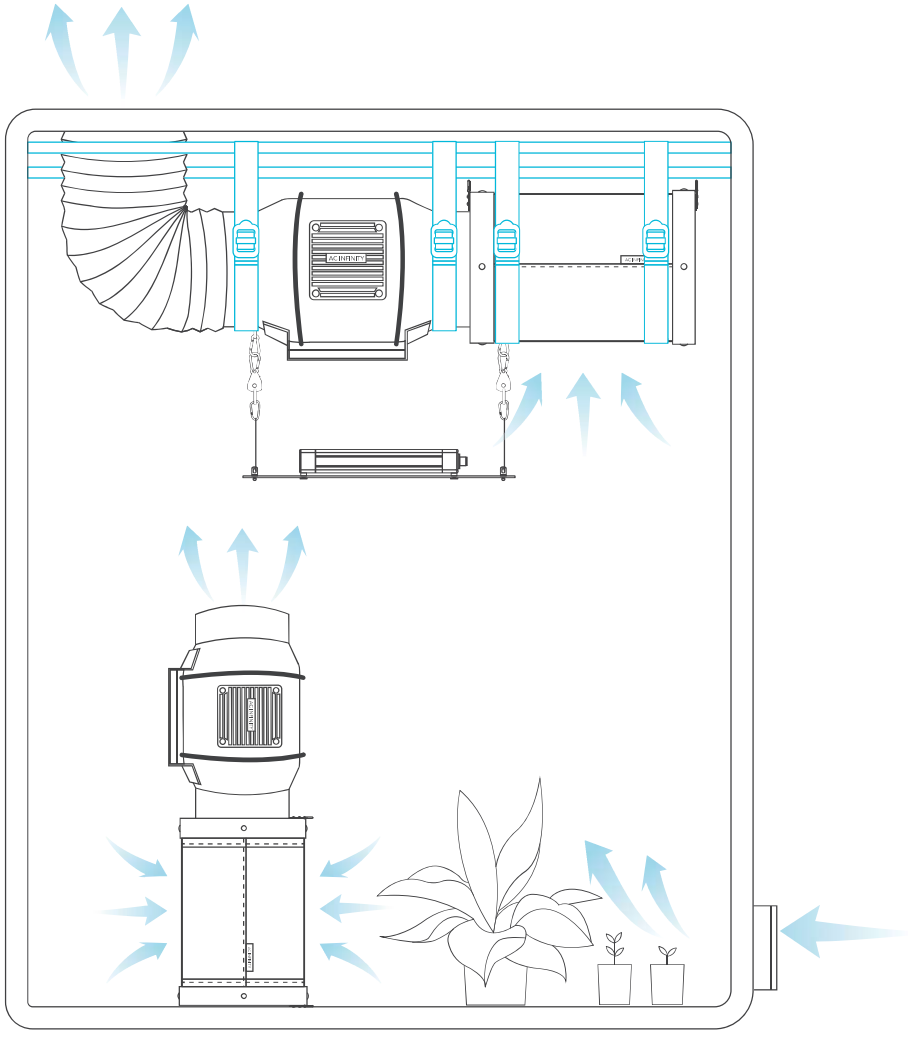
To use this filter in exhaust applications, place the filter outside of your grow space. Make sure your filter is connected to your inline duct fan's exhaust end before completing the installation. Stuff the prefilter inside of the filter to lengthen the carbon bed's lifespan.



INSTALLATION
CONFIGURATION SET-UP

OVERSIZED GROW SPACE

Use a dual fan and filter combination inside your grow space to completely scrub away odor in larger grow rooms and tents. Set the secondary filter on the floor and the inline fan on top of it so that the exhaust end points up.

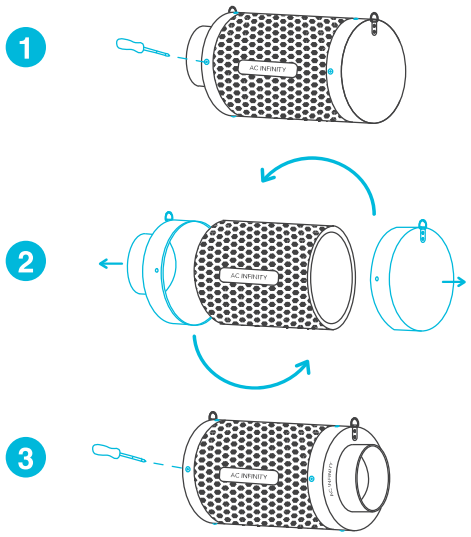


MAINTENANCE

REVERSING THE FLANGES

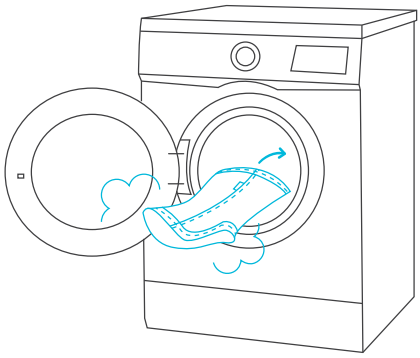
To extend the filter's lifespan and utilize its entire carbon bed, rotate the flanges from either end.

Remove the screws from the flanges to release them from the filter. Replace the flanges on the other ends and screw them back into place.



WASHING THE PREFILTER

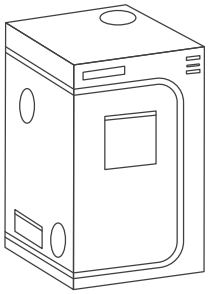
Wash the reusable cloth as needed to clear it of any dust and build-up. This will further extend the lifespan of the filter.



AC INFINITY PRODUCTS

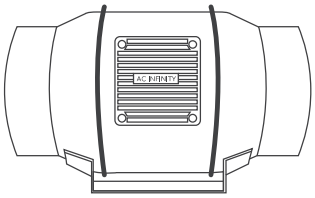
Advance Grow Tents

The CLOUDLAB series is a line of grow tents designed to create ideal growing conditions and facilitate indoor plant cultivation year-round. Features 2000D thick oxford canvas lined with inner diamond patterned mylar that maximizes grow light luminosity, and a reinforced frame with 150 lb. weight capacity. Includes a mounting plate to install your AC Infinity controller onto.



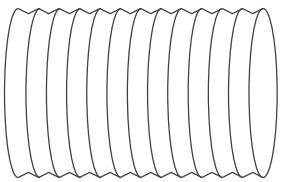
Inline Fans

The CLOUDLINE series is a line of duct fans designed to quietly ventilate AV rooms and closets, as well as various DIY air circulation and exhaust projects. Features a thermal controller with intelligent programming that will automatically adjust duct fan speeds in response to changing temperatures.



Ducting Tubes

The four-layer ducting tube is used to direct airflow, designed for ventilation systems in applications like HVAC, dryers, and grow rooms. It is highly durable and flexible, and can be used anywhere from tight spaces to wide open areas.



Discover the latest innovations in environmental controls at acinfinity.com

WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **626-923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.

If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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www.acinfinity.com

AC INFINITY

CLOUDLINE PRO

MIXED FLOW INLINE FAN SYSTEMS

USER MANUAL

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE CL2209X1

PRODUCT	MODEL	UPC-A
CLOUDLINE PRO S4	AI-CLS4	819137020290
CLOUDLINE PRO S6	AI-CLS6	819137020306
CLOUDLINE PRO S8	AI-CLS8	819137020849
CLOUDLINE PRO S10	AI-CLS10	819137020856
CLOUDLINE PRO S12	AI-CLS12	819137021006
CLOUDLINE PRO T4	AI-CLT4	854759004785
CLOUDLINE PRO T6	AI-CLT6	854759004792
CLOUDLINE PRO T8	AI-CLT8	819137020276
CLOUDLINE PRO T10	AI-CLT10	819137020283
CLOUDLINE PRO T12	AI-CLT12	819137021013

EC models CANNOT be daisy chained with DC models. See page 32-34 for more information on daisy-chaining fans and safety precautions.

MANUAL INDEX

Manual Index ..... Page 5
Product Warning ..... Page 6
Interference from MH and HPS Lights ..... Page 7
Key Features ..... Page 8
Product Contents ..... Page 9
Installation: Mounting ..... Page 11
Installation: Hanging ..... Page 16
Installation: Motor Cap Orientation ..... Page 20
Installation: Configuration Setup ..... Page 21
Powering and Setup ..... Page 22
Controller Mounting ..... Page 25
UIS™ Platform ..... Page 30
Compatibility ..... Page 32
Adding More Fans ..... Page 33
Adding More Devices ..... Page 34
Cleaning ..... Page 35
Programming ..... Page 37
Other Settings ..... Page 62
Download the App ..... Page 63
Add a Device ..... Page 64
FAQ ..... Page 71
Other AC Infinity Products ..... Page 75
Warranty ..... Page 76

PRODUCT WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Ensure your power source conforms to the electrical requirements of this product.
2. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.
3. Read all instructions before installing and using this product.
4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.
5. Do not attempt to hardwire this product. Performing any retrofitting actions may result in personal injury and/or electrical damage, and will void this product's warranty.
6. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.
7. Ducted products must always be vented to outdoor areas.
8. Do not cover power cords with rugs or other fabric materials.
9. This product has rotating parts. Safety precautions should be exercised during the installation, operation, and maintenance of this product.
10. Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust openings as it may cause electric shock, fire, or damage to this product. Do not block or tamper with this product in any manner while it is in operation.
11. Do not depend on the on/off programming as the sole means of shutting power from this product. Unplug the power cord before installing, servicing, or moving this product.
12. Do not operate this product while its cord is damaged, or if it malfunctions, has been dropped, or is damaged in any manner.

INTERFERENCE from MH and HPS LIGHTS

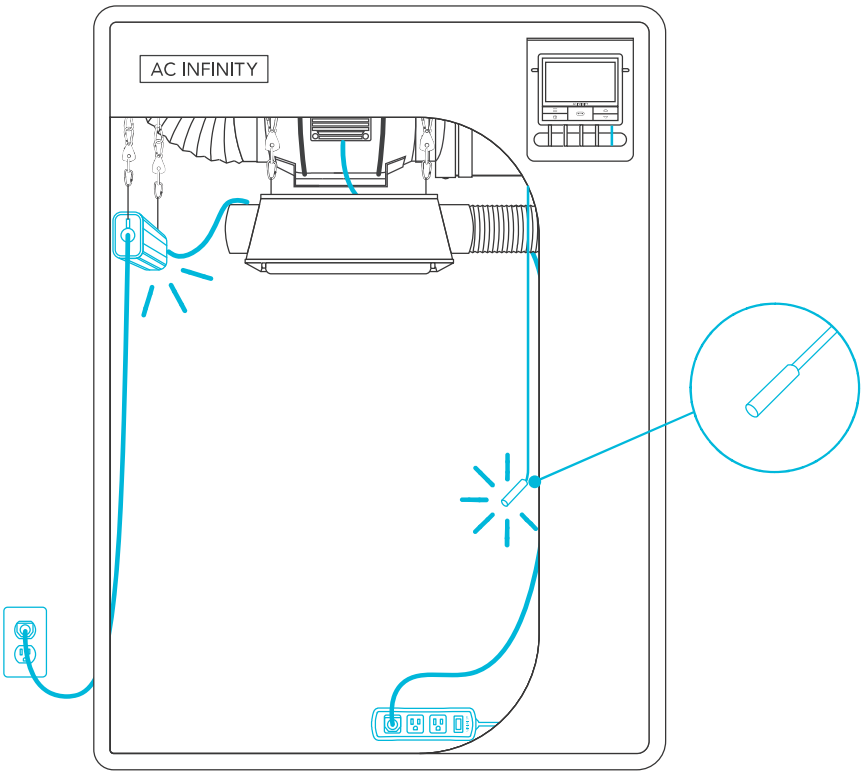
Certain grow light models with HID* ballasts that do not use electromagnetic shielding will create an area of radio frequency interference (RFI). This can distort nearby frequency-sensitive components like internet lines and climate sensors. RFI can be emitted from the ballast's cords or the ballast itself.

Follow these steps to ensure proper functionality and to prevent radio frequency interference from affecting your sensor probe:

TIP 1

Keep the probe cord far away from your ballast's cords to ensure the controller properly detects climate conditions.

You may also wrap the probe cord and create a cone around the sensor head with aluminum foil tape.



TIP 2

Do NOT plug your grow light and inline fan into the same duplex outlet. Plug your grow light and inline fan into separate power strips and electrical sockets.

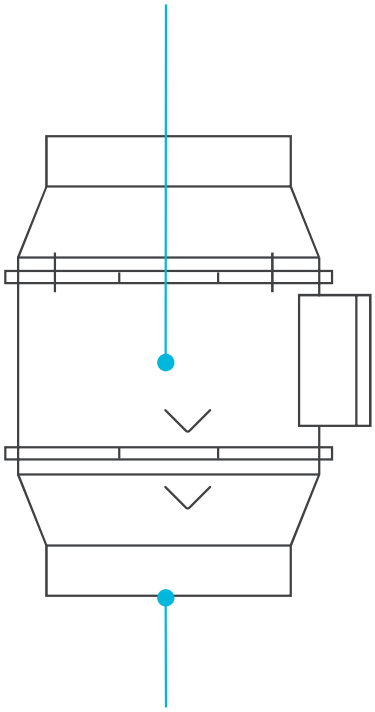
*MH, HPS, CMH, or CHPS

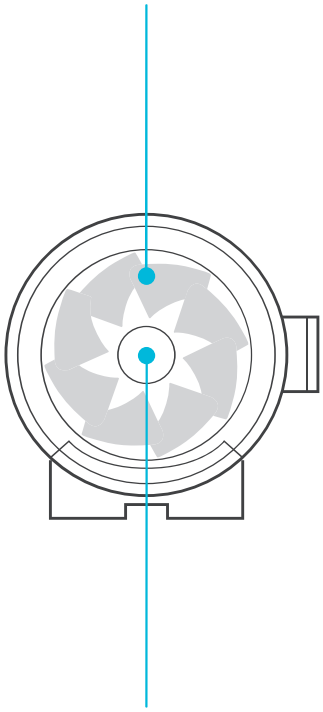
KEY FEATURES

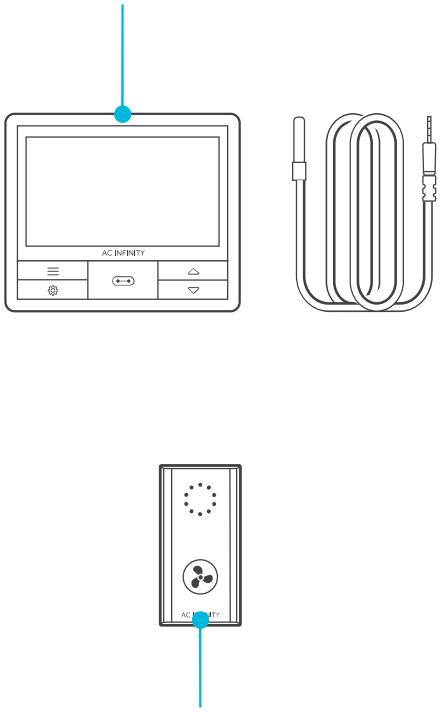
QUIET PWM MOTOR
PWM-controlled motor features precise speed control, reduced rotor noise, and energy-efficient EC voltage.

STATOR BLADE FANS
Hydro-mechanical stator blades enable efficient airflow delivery in high static pressure environments.

CONTROLLER 69 PRO
Features automation controls that activate the fan according to temperature, humidity, timer, and schedules.







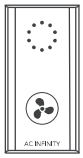
IP-44 PROTECTION
The inline duct fan is sealed to Ingress Protection 44 standards, rated with high resistance to liquids and dust.

DUAL BALL BEARINGS
The motor contains ball bearings with an estimated 67,000 hour lifespan. Enables the fan to be mounted in any direction.

SPEED CONTROLLER
Single button controller with circular readout display that enables fan speed control in ten speeds.

PRODUCT CONTENTS

CLOUDLINE PRO S-Series



SPEED CONTROLLER (x1)

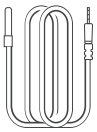
UIS F - 4PIN M ADAPTER (x1)

WOOD SCREWS (WALL MOUNT) (x1)

CONTROLLER PLATE BOLTS (x2)

CLOUDLINE PRO T-Series

SMART CONTROLLER (x1)



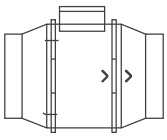
SENSOR PROBE (x1)

UIS M - 4PIN F ADAPTER (x2)

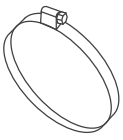
WOOD SCREWS (WALL HANG) (x2)

CONTROLLER PLATE BOLTS (x2)

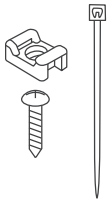
FAN UNIT (Included in both S-Series and T-Series)



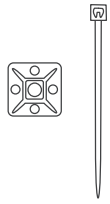
DUCT FAN SYSTEM (x1)



DUCT CLAMP (x2)



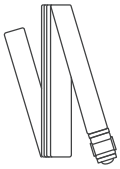
WIRE MOUNT (x6)



PROBE MOUNT (x1)

HOOK AND LOOP TIES (x4)

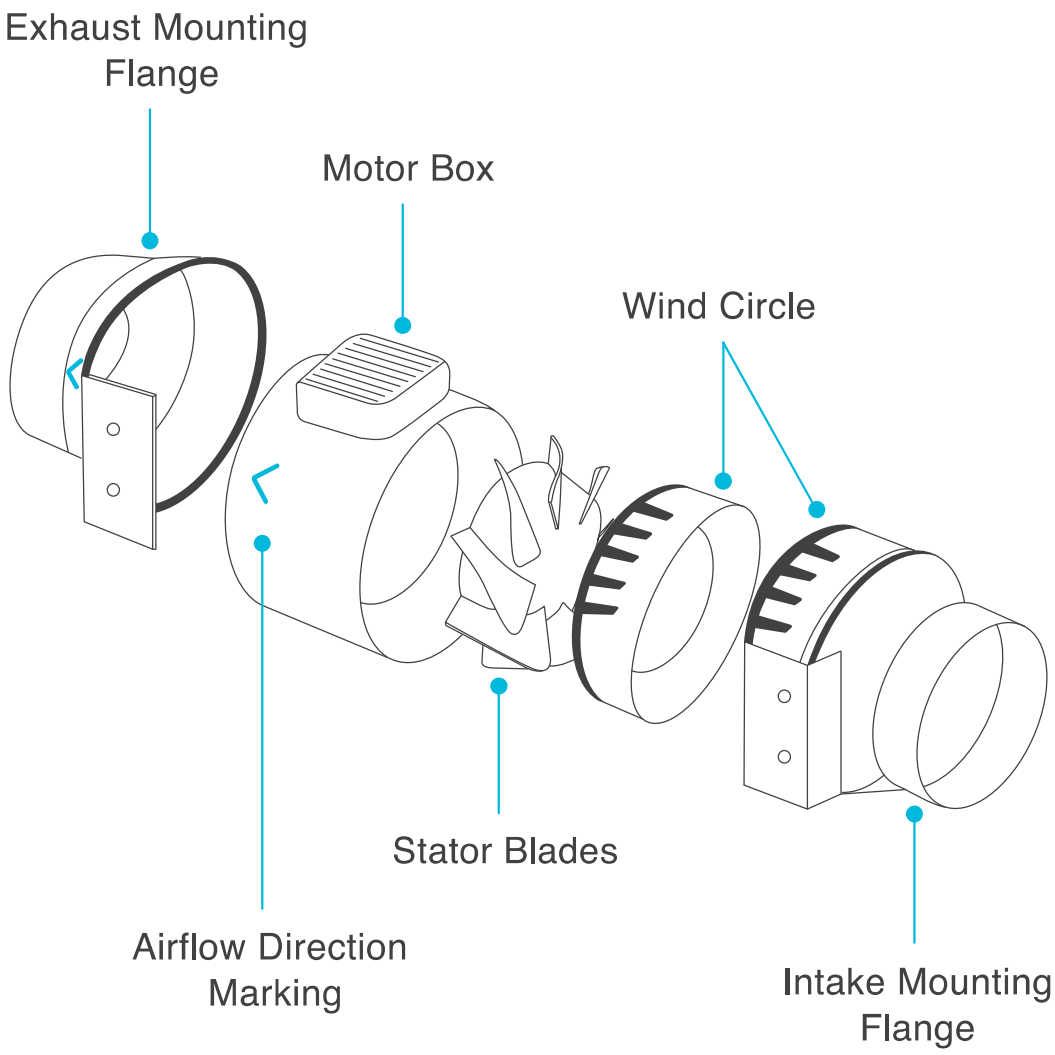
WALL ANCHOR (x4)



HANGING STRAPS (x2)

DUCT FAN SCREW SET (x4)

PRODUCT CONTENTS

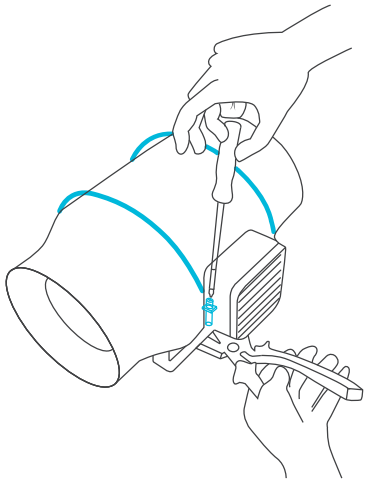


INSTALLATION

MOUNTING

STEP 1

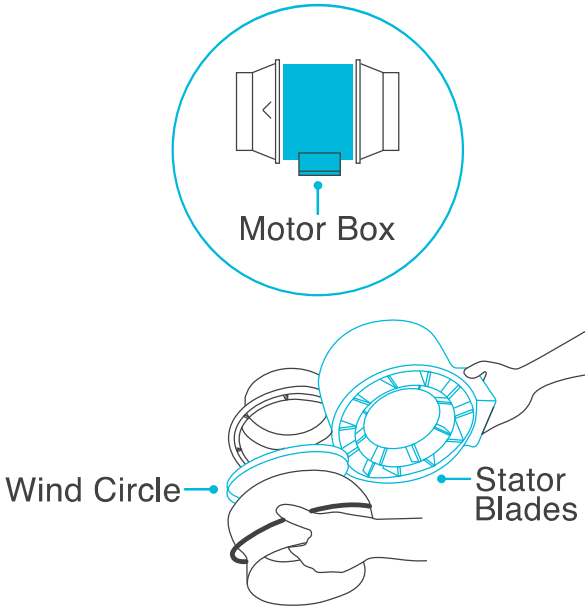
Unscrew and loosen the metal rings using a Phillips screwdriver and pliers.



STEP 2

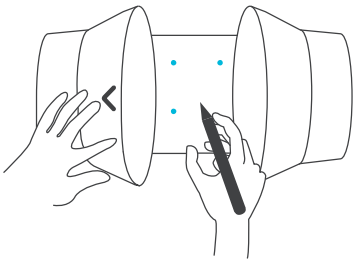
Remove the motor box from the flange bracket.

Remove the wind circle between the motor box and the intake flange.

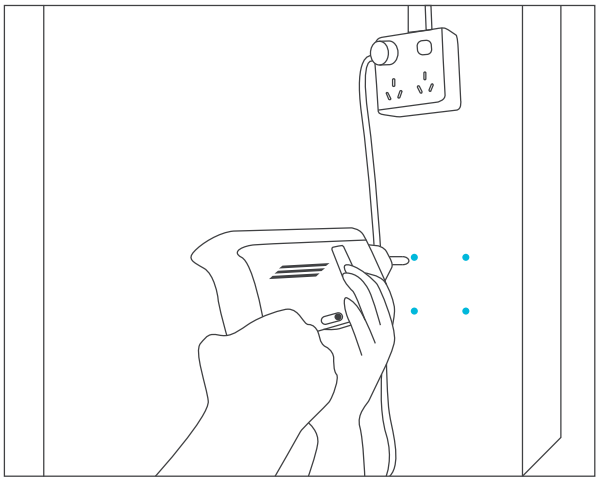


INSTALLATION
MOUNTING

STEP 3
Use the flange bracket to set your desired fan position. Mark the four mounting holes.



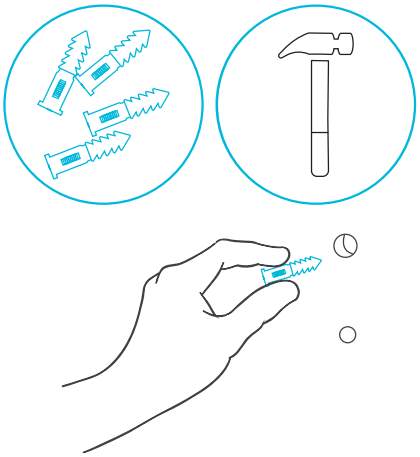
STEP 4
Drill four holes into the marked locations. Make sure your mounting area is structurally sound and free from obstruction.



INSTALLATION
MOUNTING

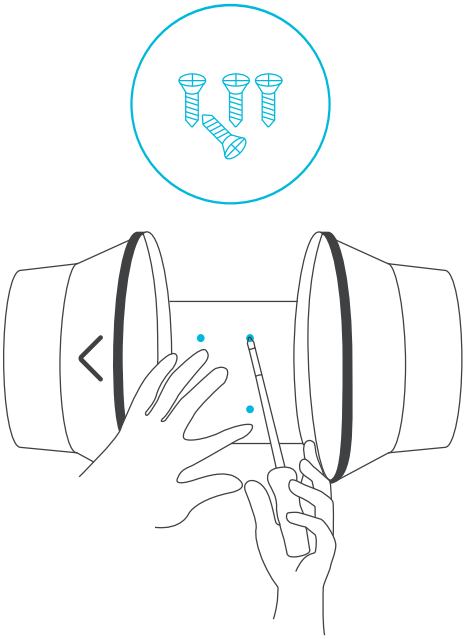
STEP 5
If you are mounting onto anything other than a wood support or stud, insert the included four wall anchors into the drilled mounting holes.

You may need to use a hammer to secure them through the holes.



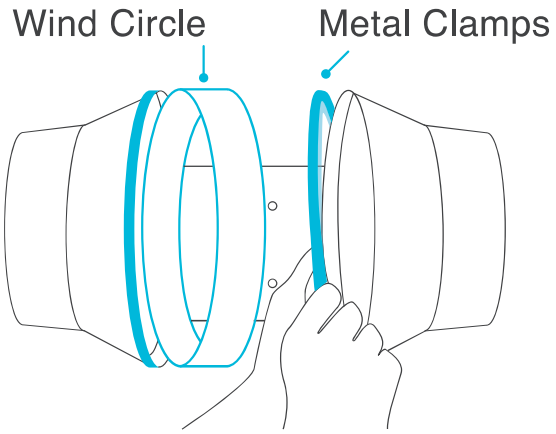
STEP 6
Align the flange bracket's holes with the wall anchors. Screw in four wood screws with a screwdriver or drill to secure the flange bracket.

Make sure its airflow arrow is pointing in your desired direction.



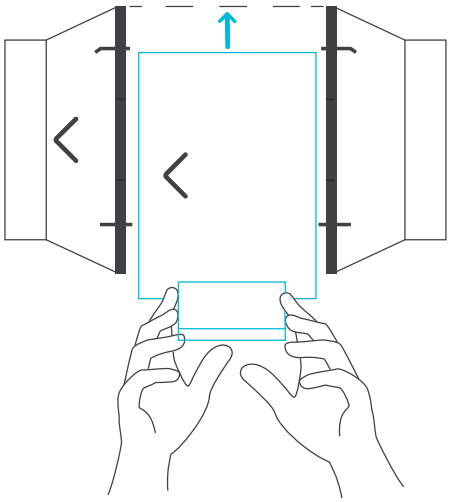
INSTALLATION
MOUNTING

STEP 7
Place the wind circle back into the intake flange and reposition the metal clamps over the flanges if applicable.



STEP 8
Slide the motor box back into the flange bracket, making sure its airflow arrow is pointing in the same direction as the flange bracket's arrow.

Tighten the metal clamps using a Phillips screwdriver and pliers to secure the motor box.

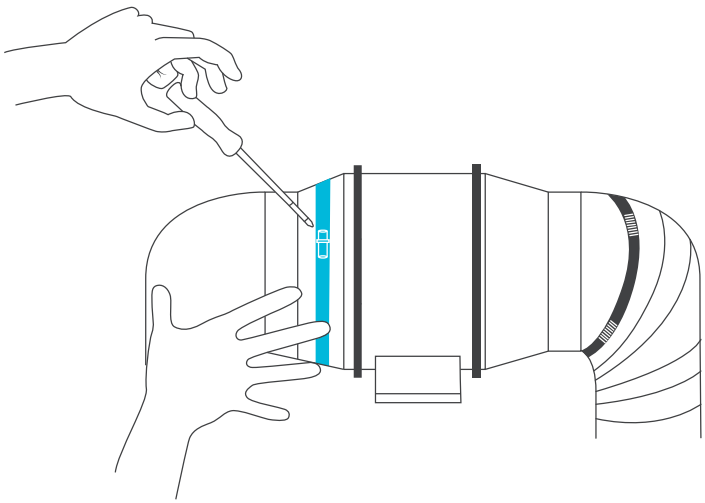


INSTALLATION
MOUNTING

STEP 9

If installing ducting, use the included duct clamps to secure it to either end of the duct fan, making sure there is a tight seal.

Tighten the duct clamps using a flathead screwdriver.

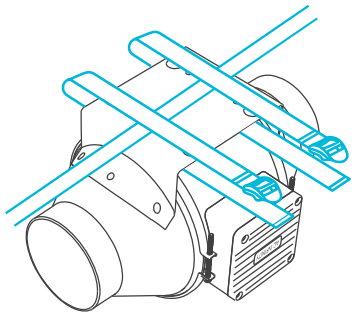


INSTALLATION

HANGING - STRAPS

STEP 1

Loop the strap around the bracket and a pole.



STEP 2

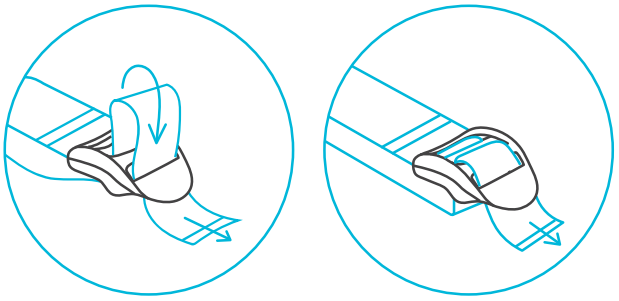
Slip the strap through the inner ladder lock slot from the bottom.

INSTALLATION

HANGING - STRAPS

STEP 3

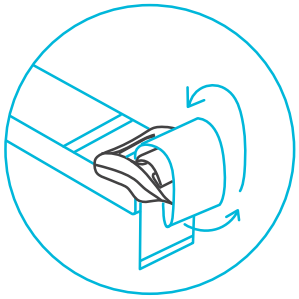
Route the strap into the outer ladder lock slot from the top. Adjust the length of the completed loop as needed.



Adjust to size

STEP 4

Tuck the loose end through the center gap of the ladder lock to secure the loop.



Loop through middle
to lock in place

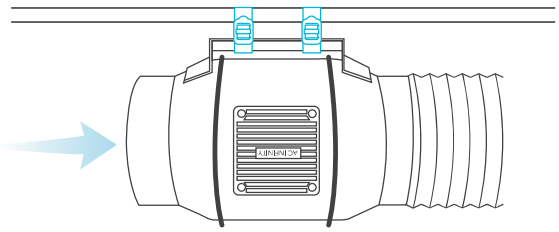
INSTALLATION

HANGING - STRAPS

STEP 5(a) - Hanging Downward

Let the fan hang by the pole once the straps are secure.

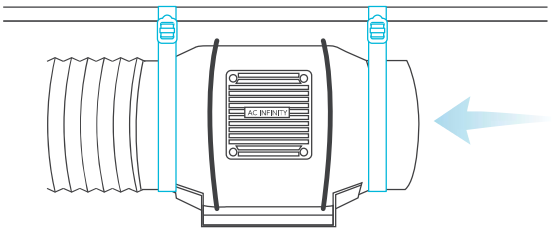
Make sure the fan's airflow arrow is pointing towards your desired direction.



STEP 5(b) - Hanging Upward

To hang the fan right-side up, loop and tighten the straps, as shown in steps 1-4, around the pole.

Hang the fan by the duct flanges to secure it.

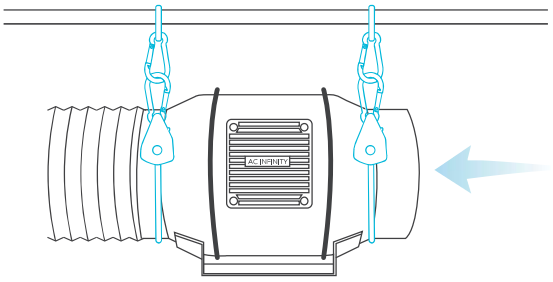


INSTALLATION

HANGING - ROPE CLIPS

HANGING UPWARD

If installing with rope hangers (sold separately), loop the ropes around the flanges and tighten the rope to secure the fan.

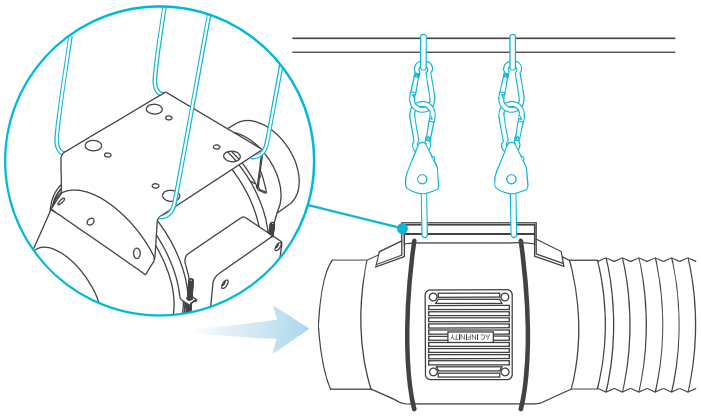


HANGING DOWNWARD

Loop the two rope hangers around a pole and the fan's bracket.

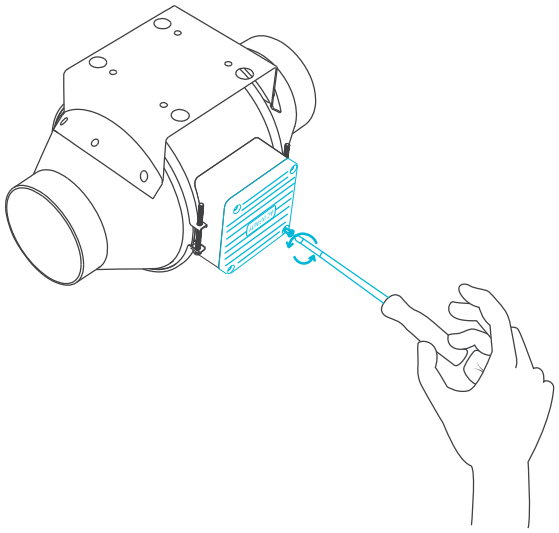
Clip the carabiners onto each other. Shorten the loops as needed.

Make sure the fan's airflow arrow is pointing towards your desired direction.

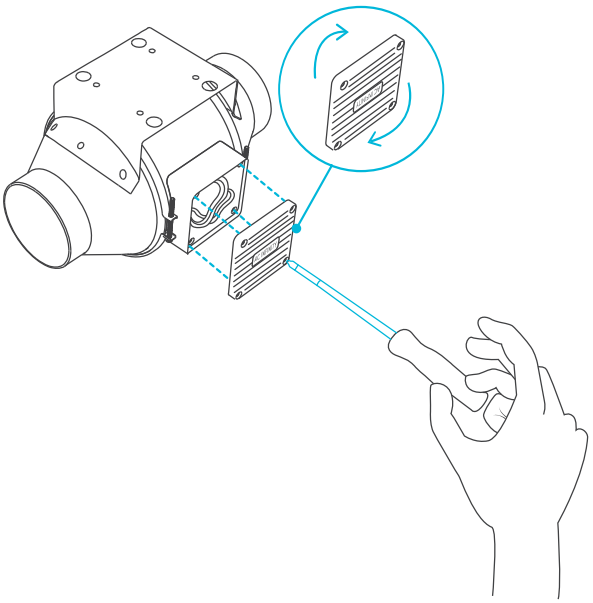


INSTALLATION
MOTOR CAP

STEP 1
Unscrew the motor cap using a screwdriver.



STEP 2
Rotate the motor cap to your desired orientation. Reapply the screws.



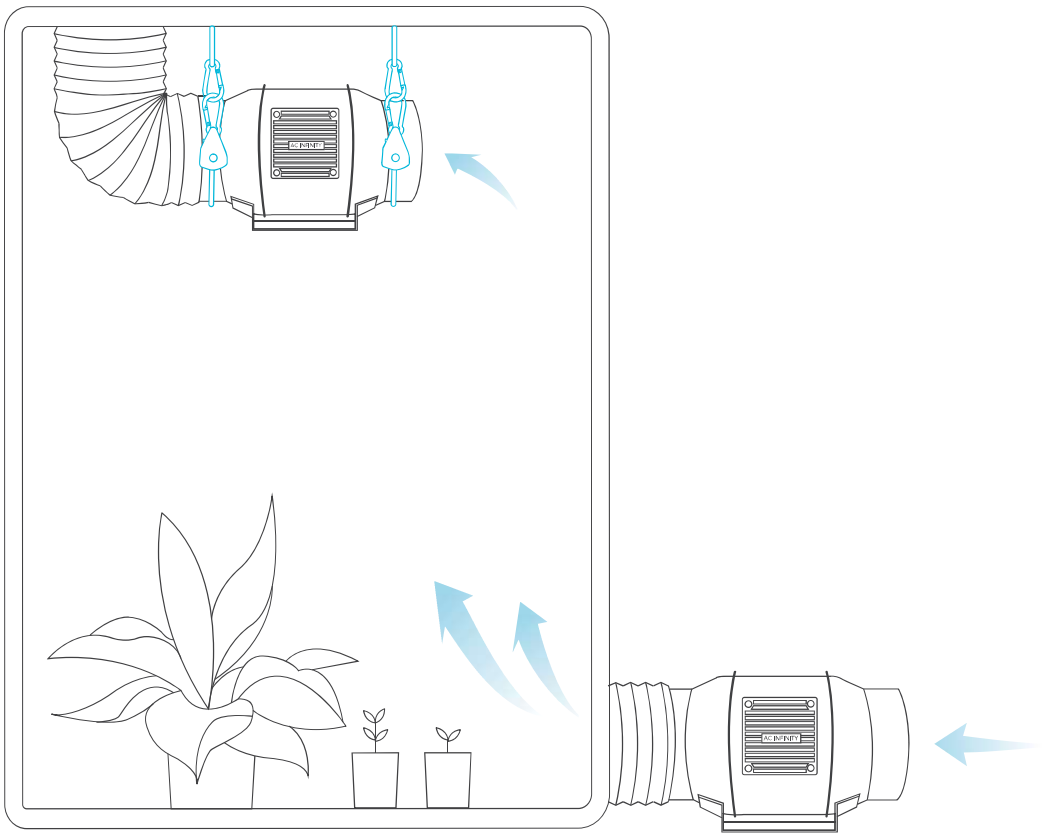
Rotating the motor cap will not void your warranty.

INSTALLATION
CONFIGURATION SETUP

Intake and Exhaust

This fan can be used as either an intake fan or an exhaust fan in grow rooms and larger grow tents. To achieve optimal whole space ventilation, the intake fan or opening - if not using a fan - must be situated at a bottom corner of your grow space. The exhaust fan must be hung (shown below) or mounted at the highest opposite corner possible.

Make sure the intake fan's airflow arrow is pointing towards your grow space and the exhaust fan's arrow pointing away from your grow space.

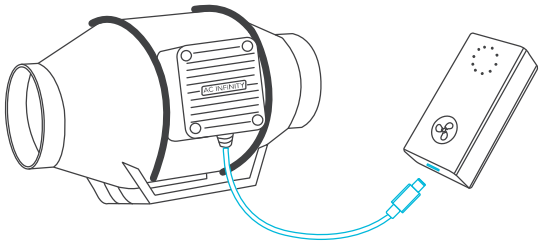


POWERING AND SETUP

S-SERIES

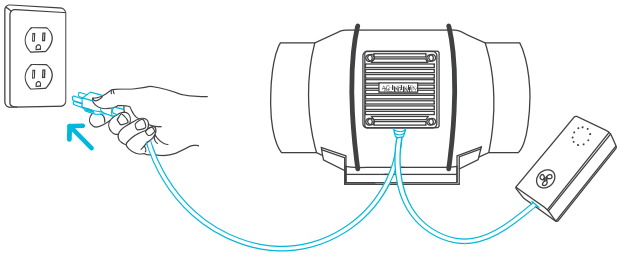
STEP 1

Plug the duct fan’s UIS connector into the speed controller’s port at the bottom.



STEP 2

Plug the fan's power cord into a wall outlet. The controller will receive power from the fan to operate. (EC Motor fans only)

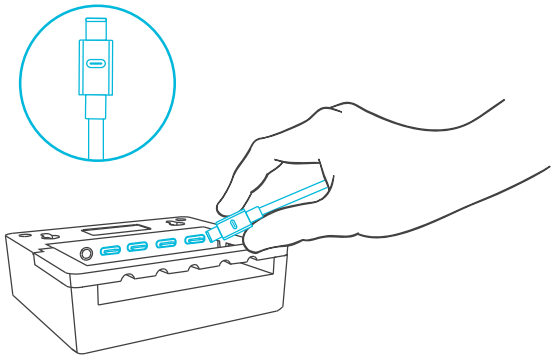


POWERING AND SETUP

T-SERIES

STEP 1

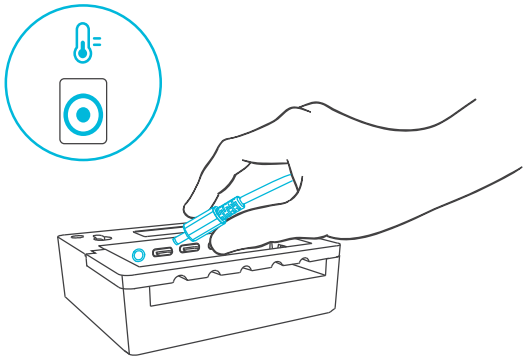
Plug your device’s UIS connector into one of the controller's ports.



STEP 2

Plug the sensor probe into the controller’s 3.5mm jack. Set the probe near your plants in your grow tent for the most accurate reading.

Keep the probe cord away from your HID* grow light ballast's power cord to ensure the controller properly detects climate conditions.



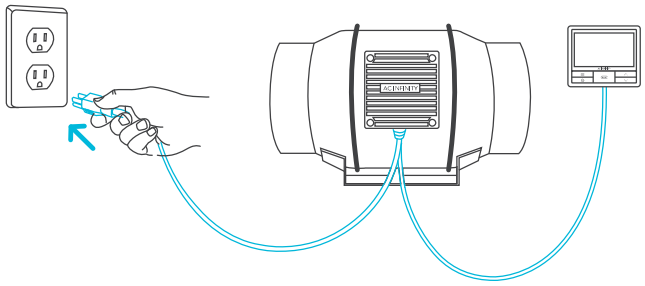
*MH, HPS, CMH, or CHPS

POWERING AND SETUP

T-SERIES

STEP 3

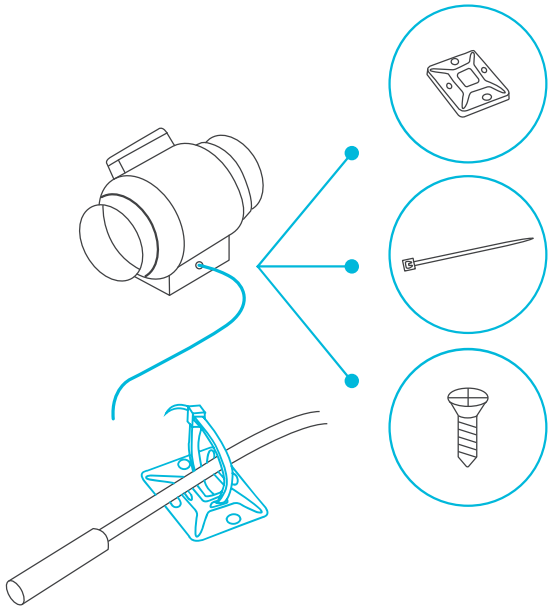
Plug your device's power cord into an AC power outlet to power it and the controller.



STEP 4

You may use the included tie mounts, wood screws, and wire ties to manage the cords.

Secure the tie mounts onto a surface using the wood screws. Loop the wire ties around the cords into the tie mounts.

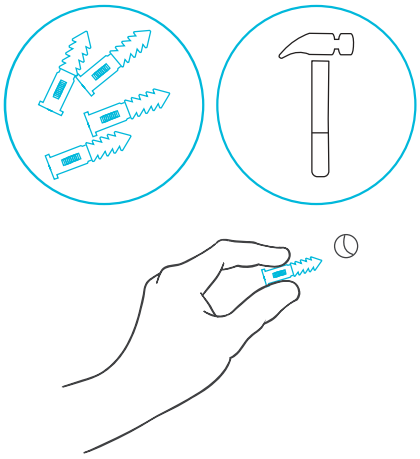


CONTROLLER MOUNTING

S-SERIES

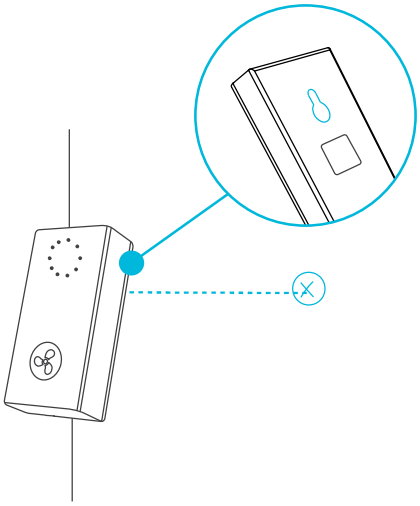
STEP 1 — WALL MOUNTING

Locate a spot free of obstruction and secure the anchor into your wall. Twist the wood screw into the anchors.



STEP 2 — WALL MOUNTING

Hang the controller by the screw using the hole on the backside.



CONTROLLER MOUNTING

S-SERIES

MAGNET MOUNTING

Mount the controller on a steel surface using the magnet located behind the label.

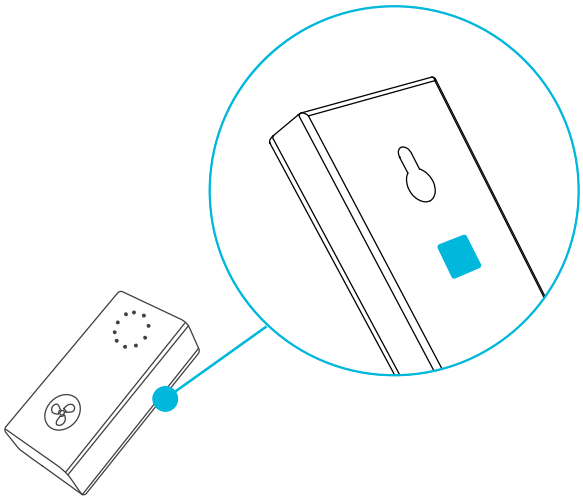
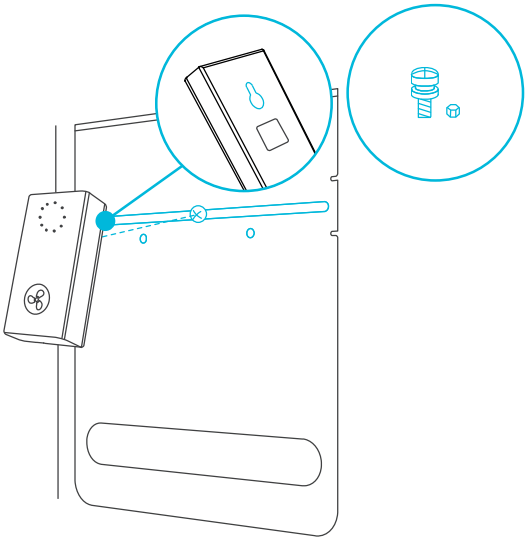


PLATE MOUNTING*

Screw the controller plate bolts into the slot or mounting holes at the upper half of the plate.

Hang the controller by the bolts using the hole on the backside.



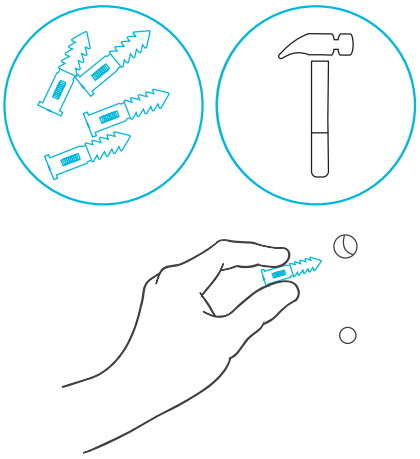
*Controller plate not included

CONTROLLER MOUNTING

T-SERIES

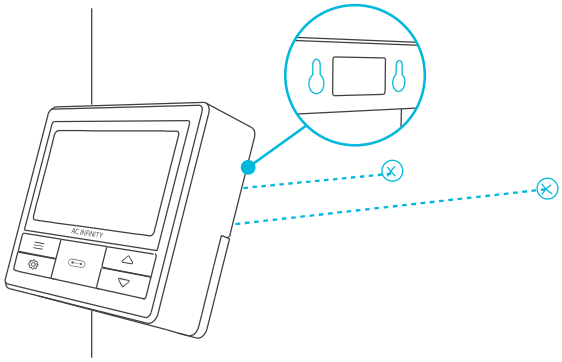
STEP 1 — WALL MOUNTING

Locate a spot free of obstruction and secure the anchors into your wall. Twist the wood screws into the anchors.



STEP 2 — WALL MOUNTING

Hang the controller by the screws using the holes on the backside.



CONTROLLER MOUNTING

T-SERIES

MAGNET MOUNTING

You may also mount the controller onto a steel surface using the magnet located behind the label.

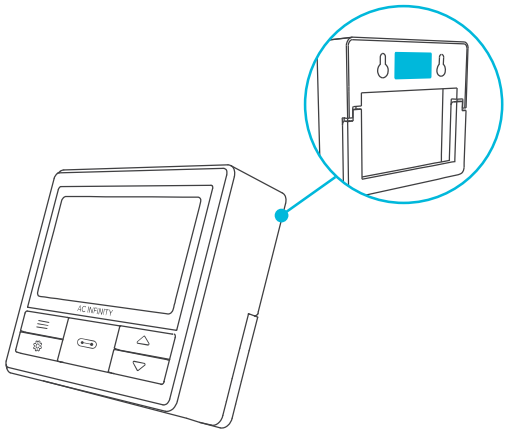
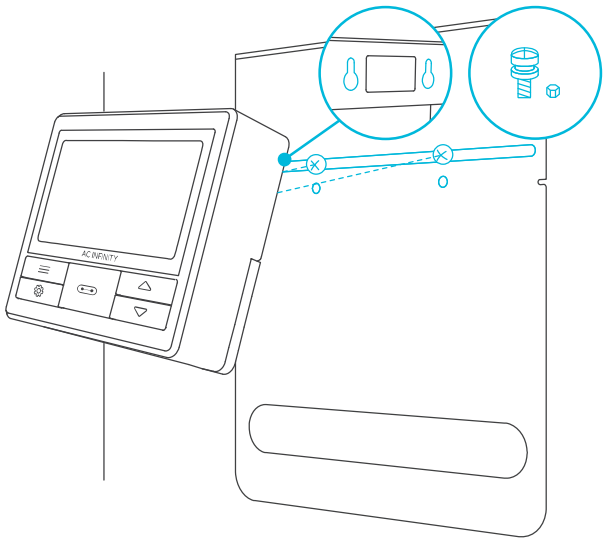


PLATE MOUNTING*

Screw the bolts into the slot or mounting holes at the upper half of the plate.

Hang the controller by the bolts using the holes on the backside.



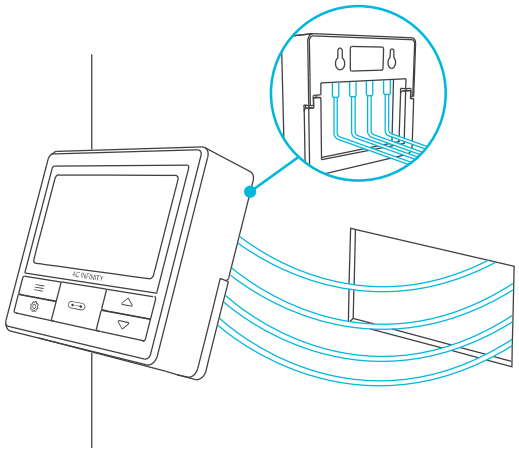
*Controller plate not included

CONTROLLER MOUNTING

T-SERIES

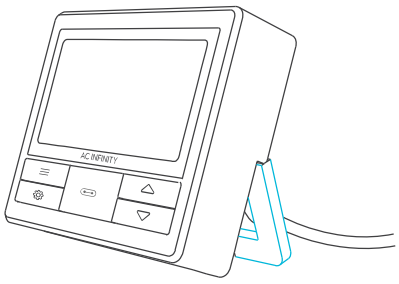
CORD ARRANGEMENT

Cords may be routed into or outside of the kickstand grooves, and through a cut hole behind the controller.



KICKSTANDING

Open the stand behind the controller to set it tilted on your desktop.

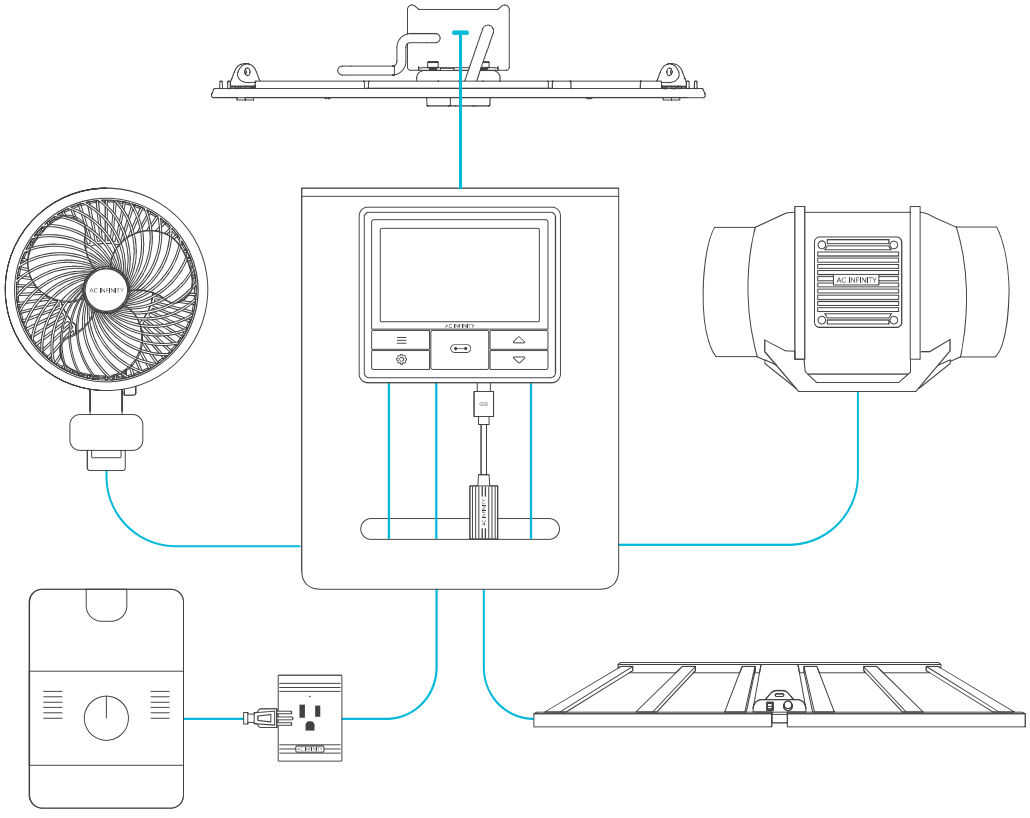


UIS™ PLATFORM

The UIS™ platform enables you to connect a single central controller with several grow devices simultaneously. By creating this fully integrated system, you can power and program all your devices together or separately for optimized grow tent management.

Your grow system can be regulated using your controller hub or remotely on the AC Infinity app (paired with compatible controllers), where you will have access to automation programming and climate data.

You can also connect your favorite grow light and outlet device to integrate them into the UIS platform using our RJ11/12 adapter and control plug module.

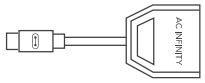


Grow devices will be sold separately and may still be in development at the time of your purchase of this product.

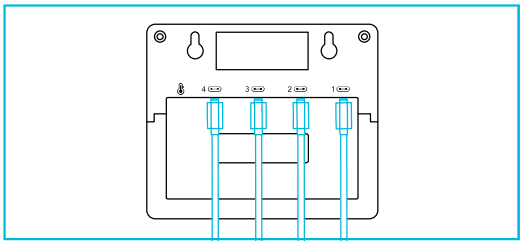
UIS™ PLATFORM

MOLEX ADAPTER

Use the included Molex adapter to plug inline fans with 4-pin Molex connectors into this controller. Plug your fan's Molex connector into the adapter. Then plug the adapter into the controller.

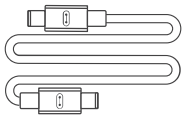


UIS M - 4PIN F
ADAPTER

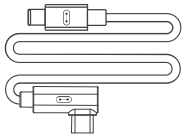


EXTENSION CABLE*

Use male-to-male UIS extension cords to connect devices with female UIS ports at an extended range from your controller.



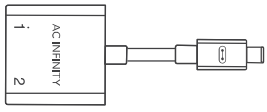
UIS M - M
CORD



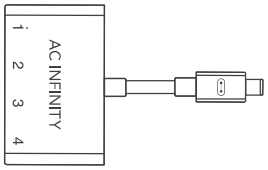
UIS M - M
CLIP FAN CORD

EXPANSION DONGLE*

The expansion dongle will allow you to connect 2 or 4 devices with a single port and can support additional dongles to create more expansion ports (up to 64 units supported with the use of 20 dongles). Intended for exclusive use with AC Infinity controllers built with UIS ports.



UIS M - M
2 PORT DONGLE

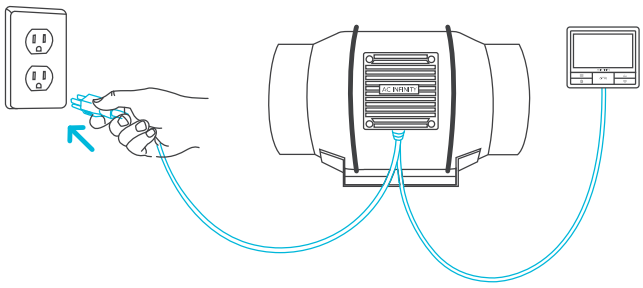


UIS M - M
4 PORT DONGLE

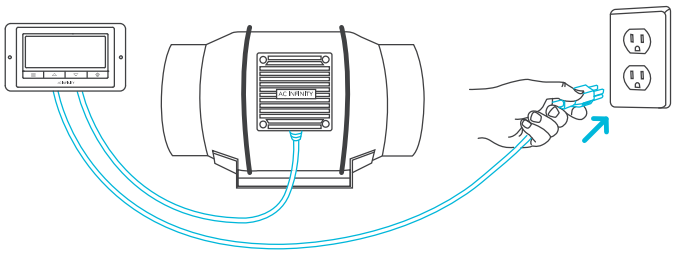
*Not included

COMPATIBILITY

Older generation models that previously used DC motors now contain EC motors in updated builds. Whereas fans that use DC motors connect to its controller to receive power, fans that use EC motors connect to electrical sockets to receive power. Neither the fan nor the controller is backwards compatible with the same product of an older generation that use DC motors and older controllers.



EC Motor - Compatible

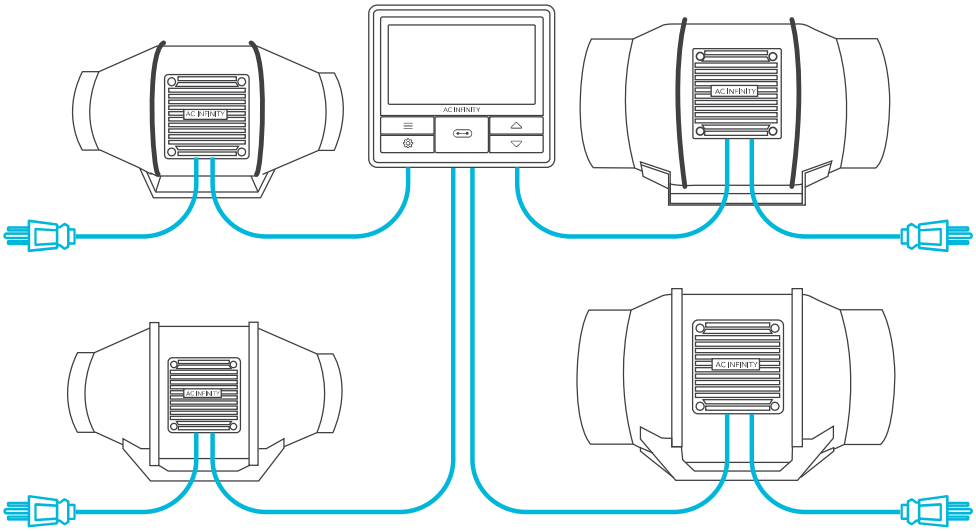


DC - NOT Compatible

ADDING MORE FANS

The CONTROLLER 69 PRO is built with four ports that enable you to power and control multiple fans at the same time. Compatible with inline fans with EC motors only. See image below for a sample configuration.

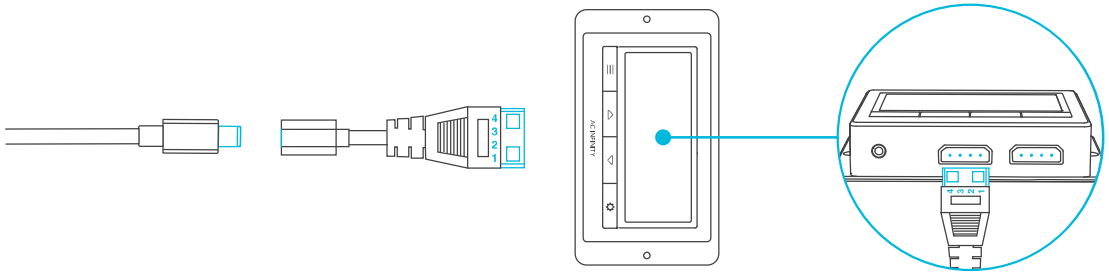
Multi-Fan Connection



INLINE FAN 4" INLINE FAN 6"

MOLEX ADAPTER

Use the included UIS to 4-pin Molex adapter to connect your fan to the Universal Controller (not included). Plug your fan's UIS connector into the adapter. Then plug the adapter into your controller.



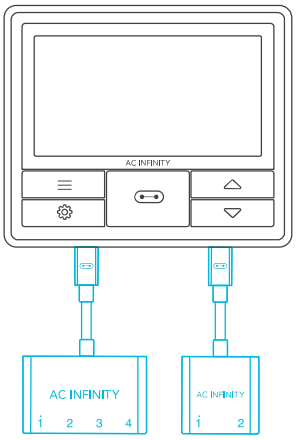
ADDING MORE DEVICES

USING THE DONGLE

Each controller port can support mix-and-matched devices regardless of their size.

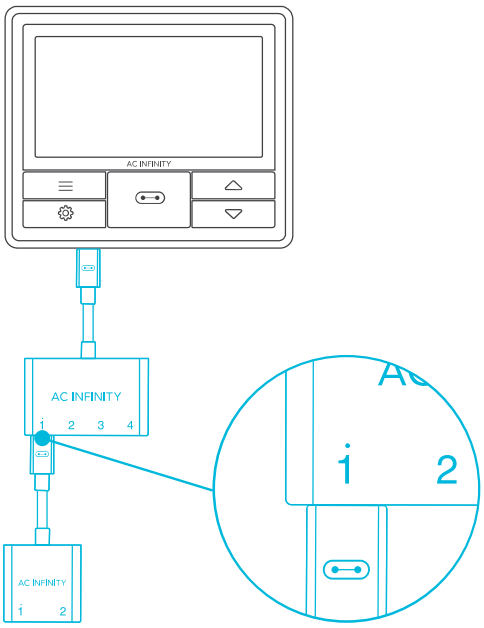
When using a 2-port or 4-port dongle, plug your first device into Port 1 for the controller to recognize as the primary device.

All other devices plugged into the dongle will follow programming intended for the device plugged into Port 1.



EXTENDING THE CHAIN

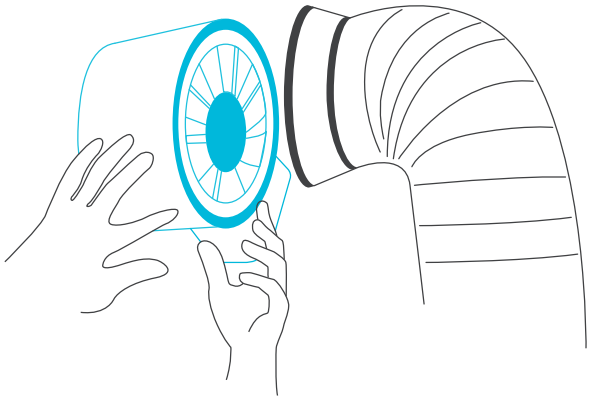
When plugging additional dongles into Port 1, all devices plugged into this chain must be of the same type (ex. grow lights of any size) regardless of the length of the dongle chain.



CLEANING

STEP 1

Remove the motor box from the mounting flange. Refer to steps 1-2 on page 11 to learn how to remove the motor box.



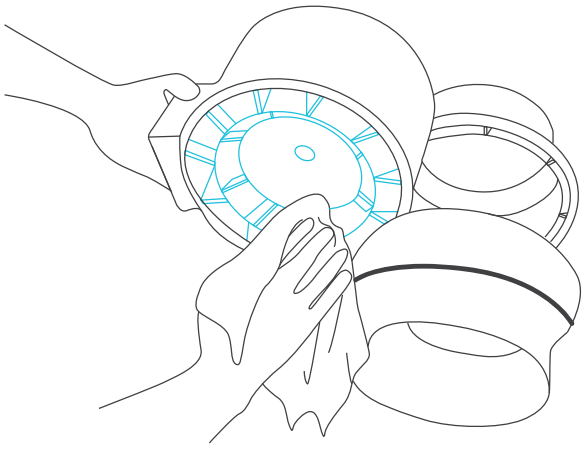
STEP 2

Use a damp cloth to clear the impeller and fan blades of any dust and debris. Remove the wind circle in between the motor box and input flange.

CLEANING

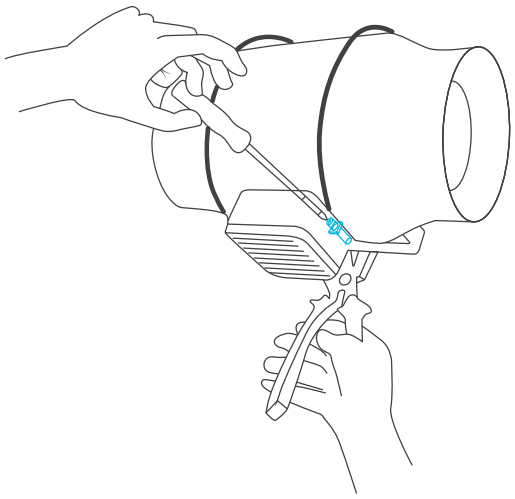
STEP 3

Clear the stator blades of any dust and debris on the opposite end. Clean the area inside the output and exhaust flanges.



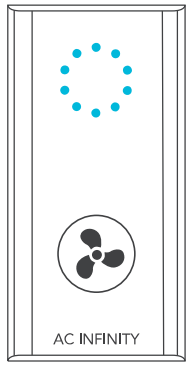
STEP 4

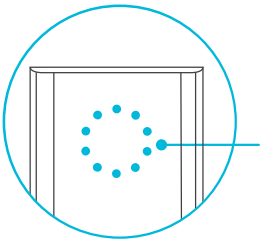
Secure the motor box onto the mounting flanges. Refer to steps 7-9 on page 14-15 to learn how to secure the motor box.



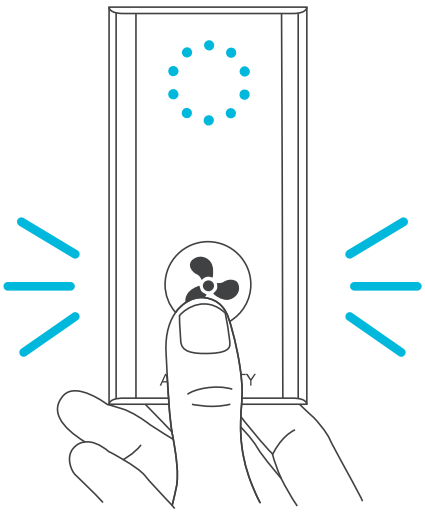
PROGRAMMING
S-SERIES

FAN SPEED ADJUSTING
The controller features a single button that controls the fan speed from 0-10. Pressing the speed button increases the fan speed in one unit increments. Pressing the button at the 10 setting will set the fan speed back to 0.





POWERING ON/OFF
Holding the speed button for 4 seconds will turn the fan OFF. Pressing it again from OFF will turn the fan ON at its last speed setting.



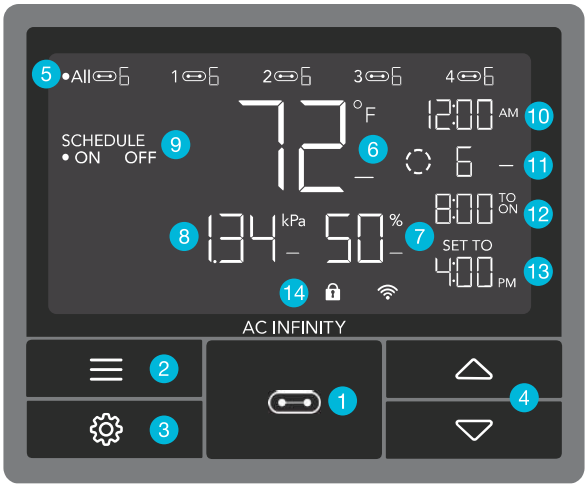
PROGRAMMING
T-SERIES

1. PORT BUTTON
Cycles through up to four connected devices. Each device is programmed independently, or together when navigating to ALL.

2. MODE BUTTON
Cycles through the controller's modes: OFF, ON, AUTO (4 triggers), VPD (2 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (ON and OFF), and SCHEDULE (ON and OFF).

3. SETTING BUTTON
Cycles through the controller's settings: DISPLAY, CLOCK, °F / °C, CALIB. T° / H% / kPa, TRANS. T° / H% / kPa, BUFF. T° / H% / kPa, and LEAF OFFSET.

4. UP/DOWN BUTTONS
Adjusts the value of your current mode. The up button increases and down button decreases the setting. Hold both to reset values to OFF/Default.



5. PORTS
Displays all connected devices as well as their current level. Digits are displayed by the UIS symbol when a device is plugged into its corresponding port.

6. PROBE TEMPERATURE
Displays the current temperature that the probe is detecting. Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in temperature within the last hour.

7. PROBE HUMIDITY
Displays the current humidity that the probe is measuring. Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in humidity within the last hour.

8. PROBE VPD
Displays the current VPD that the probe is detecting (in kPa). Shows "--" if no probe is plugged in. Includes a trend indicator that signals a rise, stability, or fall in VPD within the last hour.

9. CONTROLLER MODE
Displays the controller's current mode. Pressing the mode button cycles through the available modes.

10. CURRENT TIME
Displays the current time. The internal battery sustains the clock so it does not default to 00:00 if power is cut off.

11. CURRENT LEVEL
Displays the connected devices' current setting. Includes a trend indicator that signals if the setting is currently rising, falling, or holding steady.

12. COUNTDOWN
Displays the countdown of the TIMER TO ON, TIMER TO OFF, CYCLE, or SCHEDULE mode activates or deactivates the devices. TO ON shows the amount of time left before the devices turn on. TO OFF shows the amount of time left before the device turn off.

13. USER SETTING
Displays the value of your current mode. Use the up or down buttons to adjust the value.

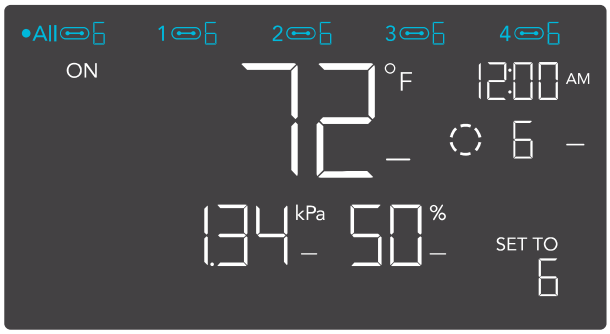
14. ALERT ICONS
Displays alerts and statuses of the controller, including the controller lock, CLIMATE alert, and TIMER alert.

PROGRAMMING
T-SERIES

PORTS
Pressing the port button will cycle through the controller's available ports: ALL, 1, 2, 3, and 4. Dot indicates the current device. No digit is displayed if a device is not plugged into the corresponding port.

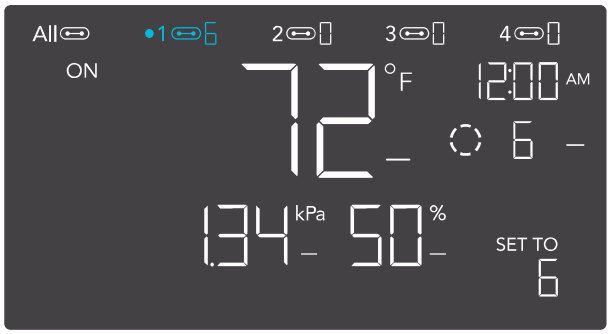
ALL PORTS
Navigate to the ALL port to set simultaneous programming for all connected devices.

Programming set in this port mode applies to all connected devices, but will not be active if you navigate to other ports. Re-entering the ALL port will resume its programming.



INDIVIDUAL PORT
Navigate to a numbered port with a connected device to set individual programming.

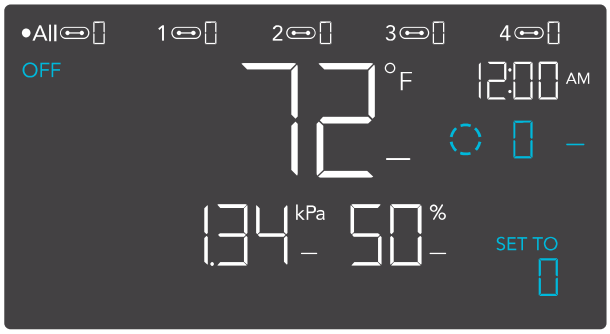
Programming will run in the background even while you navigate to other numbered ports.



PROGRAMMING
T-SERIES

CONTROLLER MODES
Pressing the mode button will cycle through the controller's available programming modes: OFF, ON, AUTO (4 triggers), VPD (2 triggers), TIMER TO ON, TIMER TO OFF, CYCLE (On and Off), and SCHEDULE (On and Off).

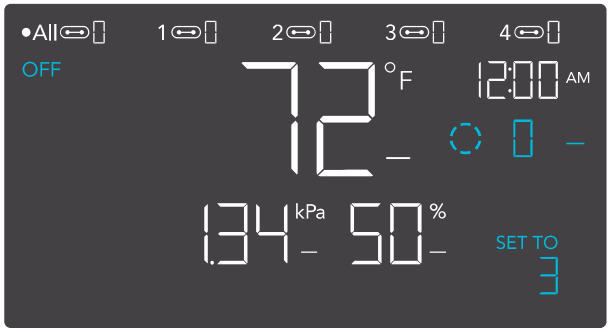
OFF MODE
Your devices will not run while in this mode. The OFF Mode setting also serves as the minimum level the other modes will run at while triggered OFF.



MINIMUM LEVEL
Your devices will run at the level set in OFF Mode, as the minimum level, when triggered to turn OFF. These other modes include the AUTO Mode, CYCLE Mode, TIMER TO ON Mode, TIMER TO OFF Mode, and SCHEDULE Mode.

They will run continuously until triggered ON, at which point they will run at the level set in ON Mode.

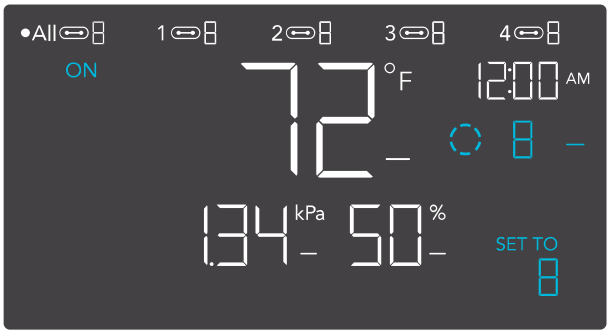
If you want your devices to turn off completely when they're triggered to be OFF, set the OFF Mode level to zero.



*Example shown

PROGRAMMING
T-SERIES

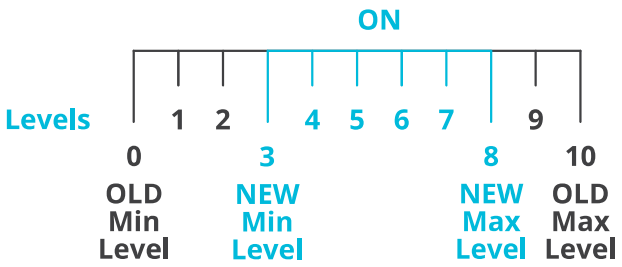
ON MODE
Your devices will actively run at the level set here, regardless of the probe's reading. The ON Mode setting also serves as the maximum level the other modes will run at.



*Example shown

MAXIMUM LEVEL
Your devices will run at the level set in ON Mode, as the maximum level, when triggered ON, as well as in the AUTO Mode, CYCLE Mode, TIMER TO ON Mode, TIMER TO OFF Mode, and SCHEDULE Mode.

Do not set the ON Mode figure to zero or your device will turn off when it's triggered ON in all modes.

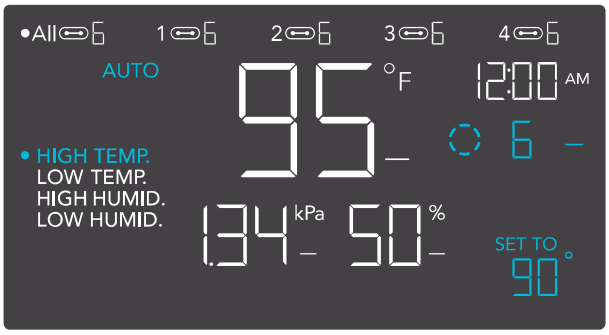


PROGRAMMING
T-SERIES

AUTO MODE (HIGH TEMPERATURE TRIGGER)

Pressing the up or down button sets the high temperature trigger. The devices will activate if the probe's reading meets or exceeds this threshold.

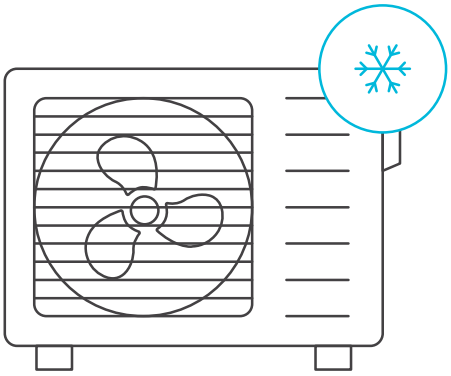
Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading falls below this trigger point, the devices will gradually slow down to a stop or at the level set in OFF mode.

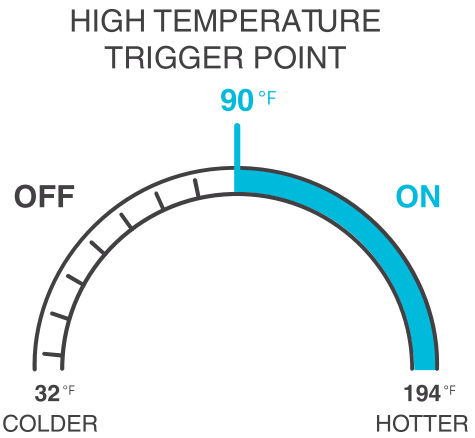


You may set this trigger below the low temperature trigger to create a specific range in which the devices are active.

This is typically used with devices like air conditioners and cooling fans to help lower the temperature when it gets too hot. For example, if you set a high temperature trigger of 90°F, then your device will activate when the temperature reaches 90°F or higher, and turn off when it falls below 90°F. Products shown here may still be in development.

Any of the four trigger points can activate while you are in AUTO Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.



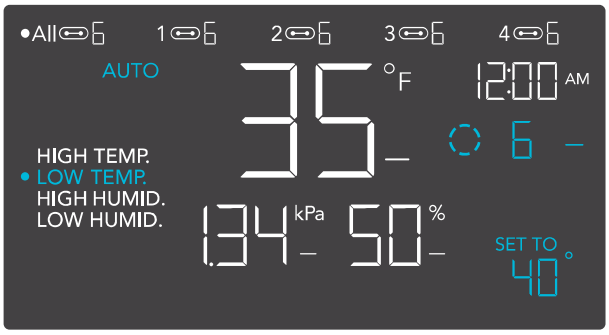


PROGRAMMING
T-SERIES

AUTO MODE (LOW TEMPERATURE TRIGGER)

Pressing the up or down button sets the low temperature trigger. The devices will activate if the probe's reading meets or falls below this threshold.

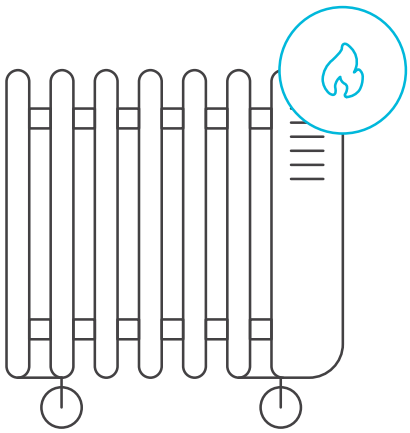
Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading rises above this trigger point, the devices will gradually slow down to a stop or at the level set in OFF mode.

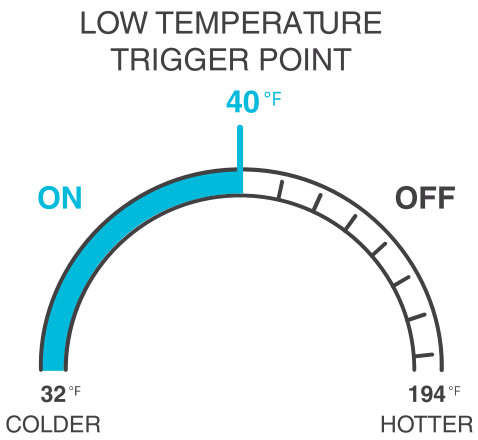


You may set this trigger above the high temperature trigger to create a specific range in which the devices are active.

This is typically used with devices like heaters and seedling mats to help raise the temperature when it gets too cold. For example, if you set a low temperature trigger of 40°F, then your device will activate when the temperature falls to 40°F or lower, and turn off when it rises above 40°F. Products shown here may still be in development.

Any of the four trigger points can activate while you are in AUTO Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.



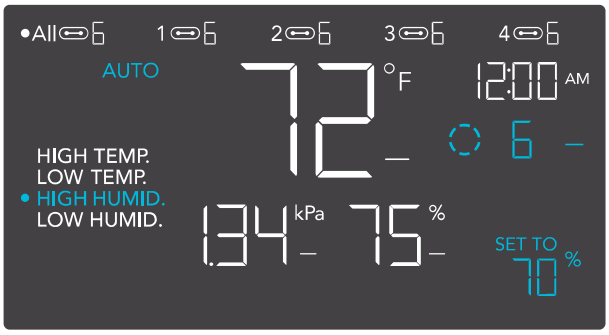


PROGRAMMING
T-SERIES

AUTO MODE (HIGH HUMIDITY TRIGGER)

Pressing the up or down button sets the high humidity trigger. The devices will activate if the probe's reading meets or exceeds this threshold.

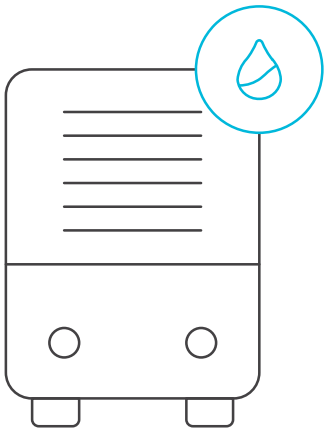
Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading falls below this trigger point, the devices will gradually slow down to a stop or at the level set in OFF mode.

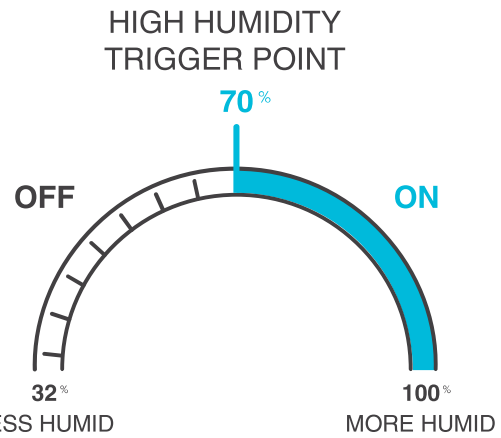


You may set this trigger below the low humidity trigger to create a specific range in which the devices are active.

This is typically used with devices like dehumidifiers to help lower the humidity when it gets too humid. For example, if you set a high humidity trigger of 70%, then your device will activate when the humidity rises to 70% or higher, and turn off when it falls below 70%. Products shown here may still be in development.

Any of the four trigger points can activate while you are in AUTO Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.



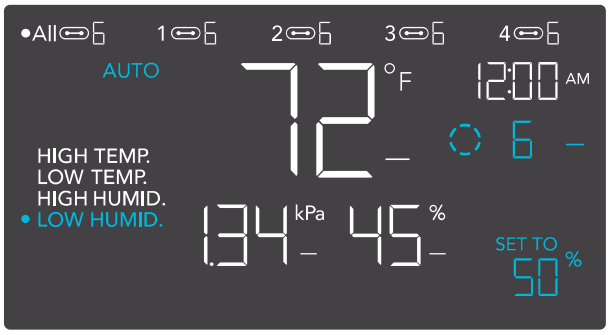


PROGRAMMING
T-SERIES

AUTO MODE (LOW HUMIDITY TRIGGER)

Pressing the up or down button sets the low humidity trigger. The devices will activate if the probe's reading meets or falls below this threshold.

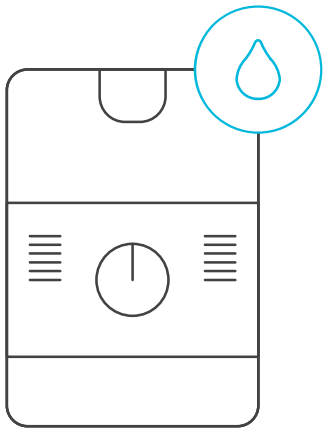
Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading rises above this trigger point, the devices will gradually slow down to a stop or at the level set in OFF Mode.

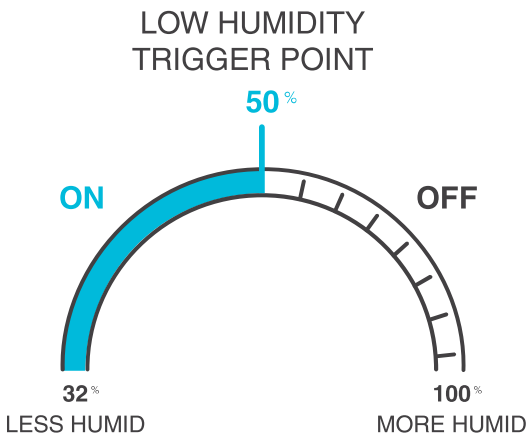


You may set this trigger above the high humidity trigger to create a range in which the devices are active.

This is typically used with devices like humidifiers to help raise the humidity when it gets too dry. For example, if you set a low humidity trigger of 50%, then your device will activate when the humidity falls to 50% or lower, and turn off when it rises above 50%. Products shown here may still be in development.

Any of the four trigger points can activate while you are in AUTO Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.





PROGRAMMING
T-SERIES

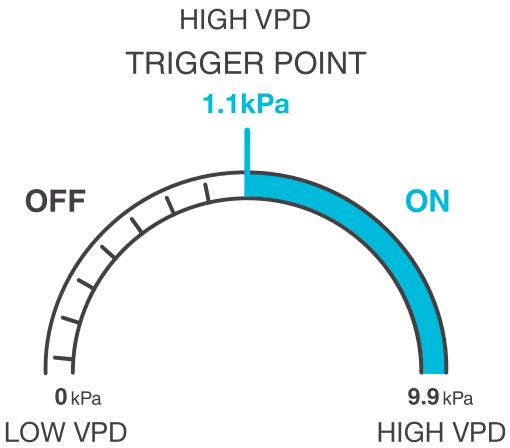
VPD MODE (HIGH VPD TRIGGER)

Pressing the up or down button sets the high VPD trigger. The devices will activate if the probe's reading meets or exceeds this threshold.

Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading falls below this trigger point, the devices will gradually slow down to a stop or at the level set in OFF mode.

You may set this trigger below the low VPD trigger to create a specific range in which the devices are active.

Either of the two trigger points can activate while you are in VPD Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.



PROGRAMMING
T-SERIES

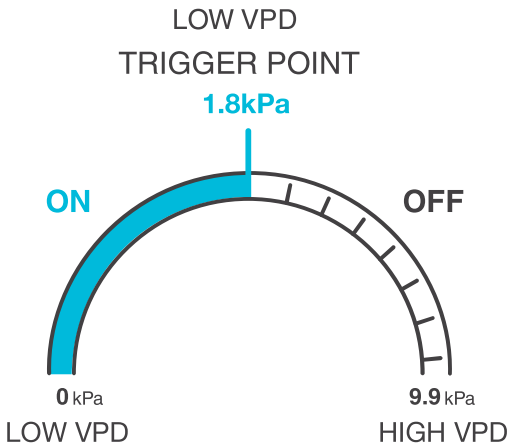
VPD MODE (LOW VPD TRIGGER)

Pressing the up or down button sets the low VPD trigger. The devices will activate if the probe's reading meets or falls below this threshold.

Once triggered, the devices will gradually ramp up to the level set in ON mode. If the probe's reading falls below this trigger point, the devices will gradually slow down to a stop or at the level set in OFF mode.

You may set this trigger below the low VPD trigger to create a specific range in which the devices are active.

Either of the two trigger points can activate while you are in VPD Mode, even if you are viewing another trigger point. Set a trigger point to OFF if not in use, by holding down the up and down button. If there is a level set in OFF Mode other than zero the devices will run at that level when triggered to turn off.

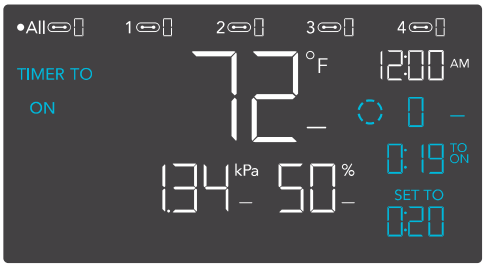


PROGRAMMING
T-SERIES

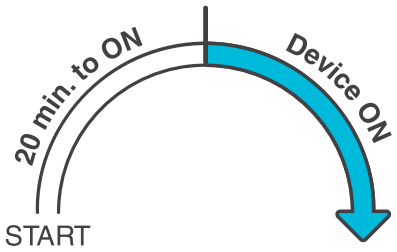
TIMER TO ON MODE

Pressing the up or down button sets a countdown time. During the countdown, your device will be set to OFF. Once the timer ends, your device will trigger to turn on. If there is a level set in OFF Mode, the devices will run at that level during the countdown and when triggered to turn off.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.



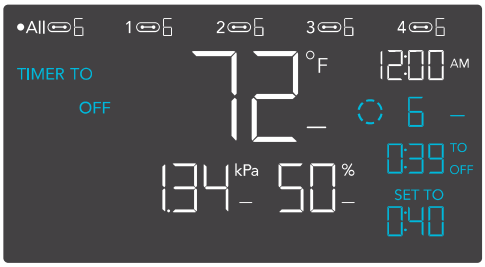
TIMER TO ON
(COUNTDOWN END POINT)



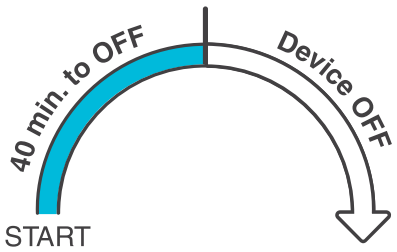
TIMER TO OFF MODE

Pressing the up or down button sets a countdown time. During the countdown, your device will be set to ON. Once the timer ends, your device will trigger to turn off. If there is a level set in OFF Mode, the devices will run at that level after the end of the countdown.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown is shown on the lower right corner of the display above the setting. Leaving the timer mode while the countdown is running will pause it until you return to this mode.



TIMER TO OFF
(COUNTDOWN END POINT)



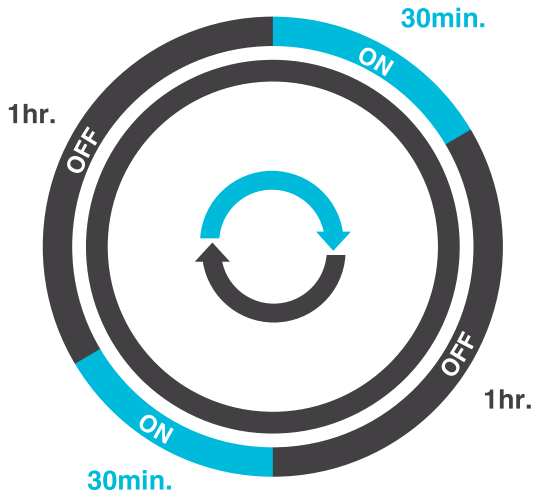
PROGRAMMING
T-SERIES

CYCLE MODE (ON AND OFF)

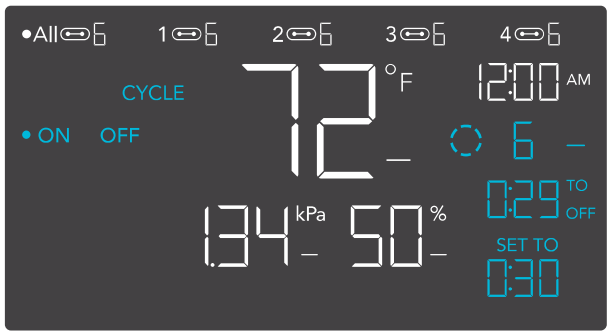
Set an on duration and an off duration for the devices to cycle through continuously. Press the up or down button to first set a duration for the devices to activate. Then press the mode button again and set a duration for the devices to deactivate.

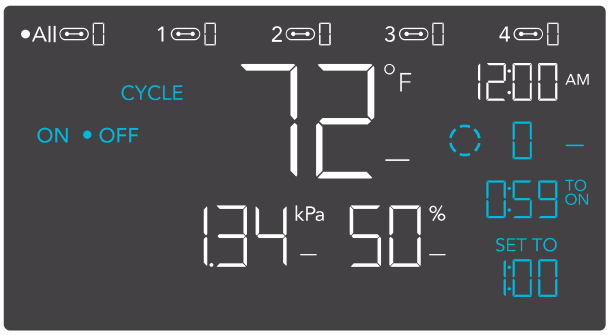
When the devices are activated, they will run at the level set in ON Mode. When the devices are deactivated, they will run at the level set in OFF Mode.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown before the next ON or OFF phase is displayed below the current level. Leaving the cycle mode while the countdown is running will pause it until you return to this mode.



If there is a level set in OFF Mode other than zero, the devices will run at that level when triggered to turn off.





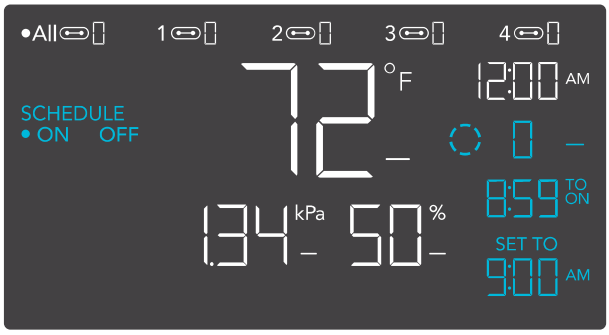
PROGRAMMING
T-SERIES

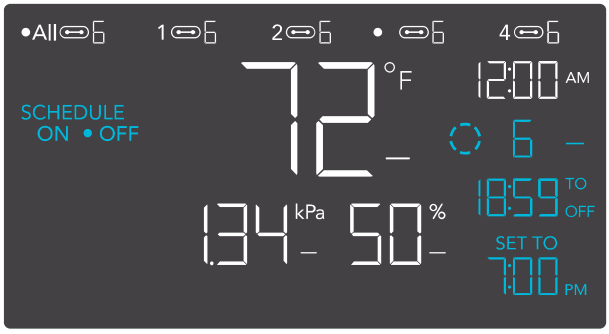
SCHEDULE MODE (ON AND OFF)

Sets an on clock-time and an off clock-time schedule for the devices to follow daily. Press the up or down button to first set up an on clock-time to trigger ON mode, then press the mode button to set an off clock-time to trigger OFF mode. Please be sure to set the current clock time under settings.

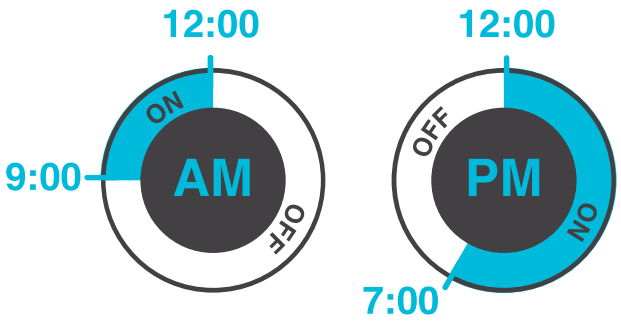
When the devices are triggered to activate, they will run at the level set in ON Mode. When the devices are triggered to deactivate, they will run at the level set in OFF Mode.

The countdown will begin if no buttons are pressed for 5 seconds. The time left on the countdown before the next on or off phase is displayed below the current level. The devices will not follow this schedule if you leave this mode. If you re-enter the Schedule Mode, they will continue to follow the latest schedule you have set.





If there is a level set in OFF Mode other than zero, the devices will run at that level when triggered to turn off.

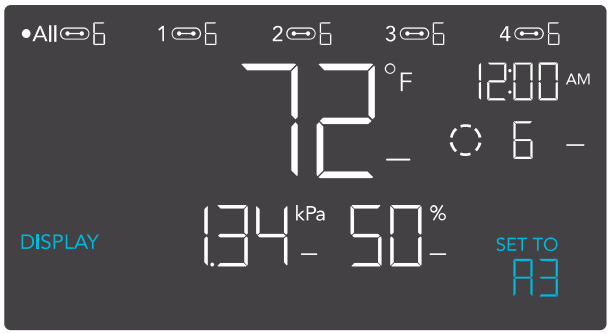


PROGRAMMING
T-SERIES

CONTROLLER SETTINGS
Pressing the setting button will cycle through the controller's available settings: DISPLAY, CLOCK, °F / °C, CALIB. T° / H% / kPa, TRANS. T° / H% / kPa, BUFF. T° / H% / kPa, and LEAF OFFSET.

DISPLAY SETTING
Adjusts the display brightness and auto-dimming. Press the up or down button to cycle through levels 1, 2, 3, A2 and A3; 3 being the highest brightness setting, while 1 is the lowest. In settings 1, 2 and 3, the display will stay at that brightness level and will not automatically dim the display.

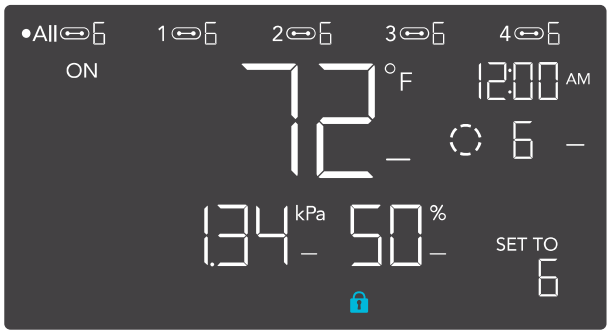
A2 and A3 will set the brightness level at 2 and 3, respectively, and will dim down the brightness level 1 when the controller is not being used after 15 seconds.



TOGGLING THE DISPLAY
Lock the controller by holding the setting button.

Press the setting button to turn the display off. Pressing the setting button again will turn the display back on.

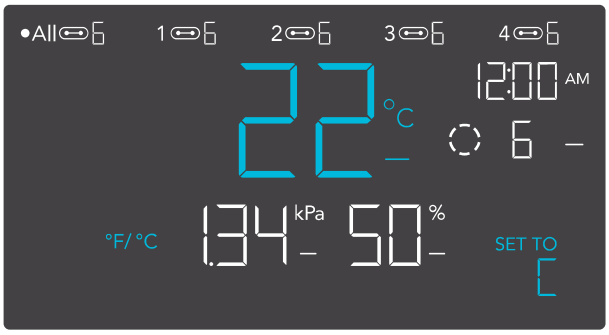
Programs will still run in the background while the LCD screen is off.



PROGRAMMING
T-SERIES

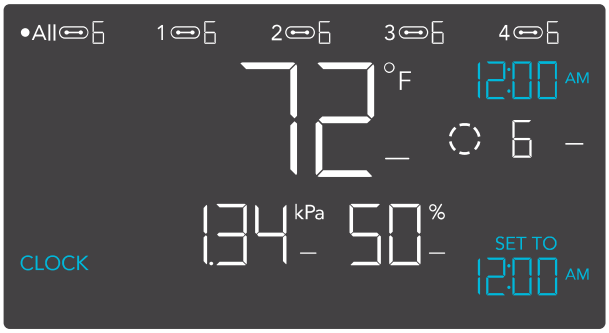
°F/°C SETTING

Changes the displayed units to Fahrenheit or Celsius. Press the up or down button to cycle through F and C. All displayed units will automatically convert when adjusting this setting.



CLOCK SETTING

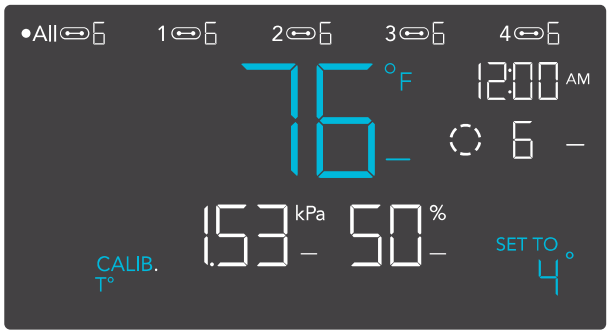
Adjusts the current clock time. Press the up or down button to increase or decrease the time. Once you cycle through 12:00 each time, the units will automatically change to AM or PM. The clock time is located at the top right corner of the display.



PROGRAMMING
T-SERIES

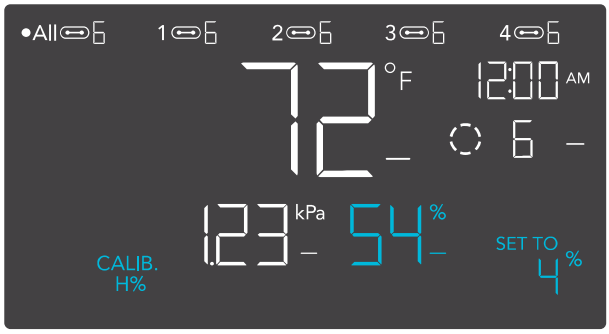
CALIBRATION TEMPERATURE SETTING

Adjusts the temperature reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1° increments. The calibration cycle ranges from -20°F to 20°F (or -10°C to 10°C) and will be applied to the sensor probe's measurements.



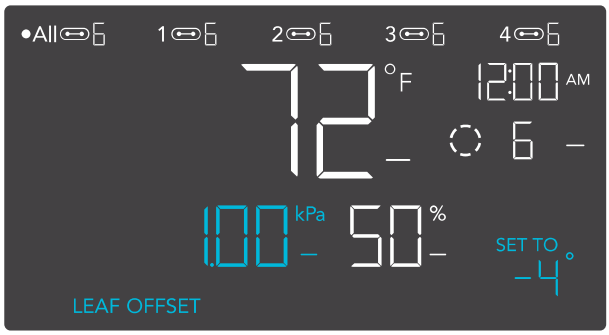
CALIBRATION HUMIDITY SETTING

Adjusts the relative humidity reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1% increments. The calibration cycle ranges from -10% to 10% and will be applied to the sensor probe's measurements.



CALIBRATION LEAF OFFSET SETTING

Adjusts the VPD reading the sensor probe is measuring. Press the up or down button to increase or decrease the data figure in 1° increments. The calibration cycle ranges from -20°F to 20°F (or -10°C to 10°C) and will be applied to the sensor probe's measurements.



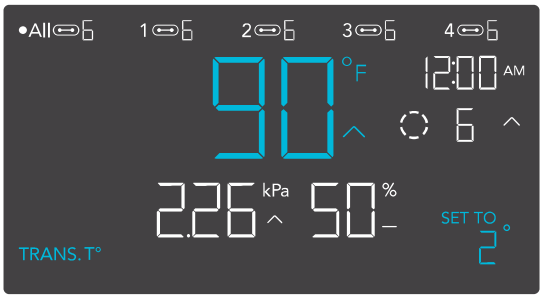
PROGRAMMING
T-SERIES

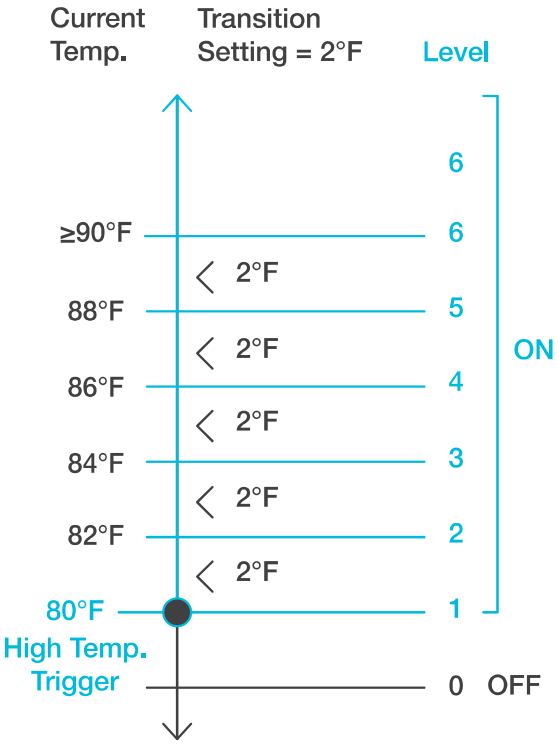
TRANSITION TEMPERATURE SETTING

Adjusts how gradually your device will shift between levels when triggered ON by the AUTO Mode's temperature trigger. This will determine how much the probe temperature needs to increase to step up to the next level setting.

The higher the transition setting is, the wider the temperature gap is between levels. The lower the transition setting is, the smaller the temperature gap is between levels. If this figure is set to zero, your device will jump to your maximum level when triggered ON.

Press the up or down button to set a transition threshold between 0°F and 20°F (0°C and 10°C). When the sensor temperature first reaches or crosses the temperature trigger point, the level will increase by one (exiting OFF Mode). Each time the threshold level is crossed, the level will ramp up by one until it reaches the level set in ON Mode.





EXAMPLE

In this example, your high temperature trigger is set at 80°F, the OFF Mode level is 0, and the ON Mode level is 6. If the transition threshold is set to 0°F, then once the sensor temperature reaches or exceeds 80°F, the devices will trigger to run at level 6. However, if the transition threshold is set to 2°F, then the devices will trigger to run at level 1 when the temperature reaches or exceeds 80°F. It will then ramp up to level 2 when the temperature reaches or exceeds 82°F, level 3 at 84°F, etc. From 90°F on, it will run at level 6, the level set in ON Mode.

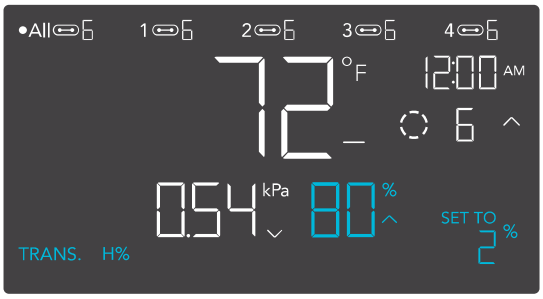
PROGRAMMING
T-SERIES

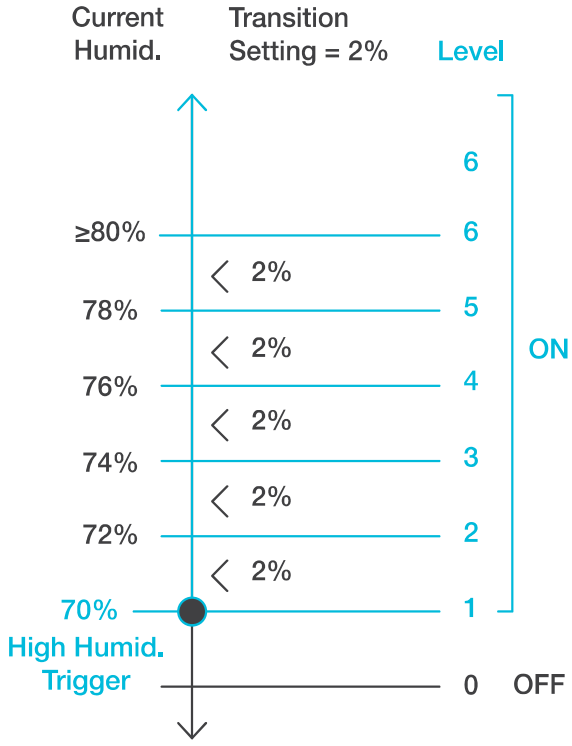
TRANSITION HUMIDITY SETTING

Adjusts how gradually your device will shift between levels when triggered ON by the AUTO Mode's humidity trigger. This will determine how much the probe humidity needs to increase to step up to the next level setting.

The higher the transition setting is, the wider the humidity gap is between levels. The lower the transition setting is, the smaller the humidity gap is between levels. If this figure is set to zero, your device will jump to your maximum level when triggered ON.

Press the up or down button to set a transition threshold between 0% and 10%. When the sensor humidity first reaches or crosses the humidity trigger point, the level will increase by one (exiting OFF Mode). Each time the threshold level is crossed, the level will ramp up by one until it reaches the level set in ON Mode.





EXAMPLE

In this example, your high humidity trigger is set at 70%, the OFF Mode level is 0, and the ON Mode level is 6. If the transition threshold is set to 0%, once the sensor humidity reaches or exceeds 70% then the devices will trigger to run at level 7. However, if the transition threshold is set to 2%, then the devices will trigger to run at level 1 when it reaches or exceeds 70%. It will then step up to level 2 when reaching or exceeding 72%, level 3 at 74%, etc. From 80% on, it will run at level 6, the level set in ON Mode.

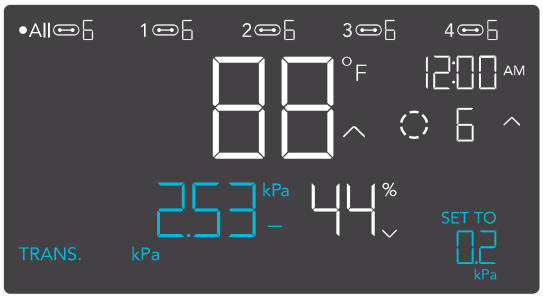
PROGRAMMING
T-SERIES

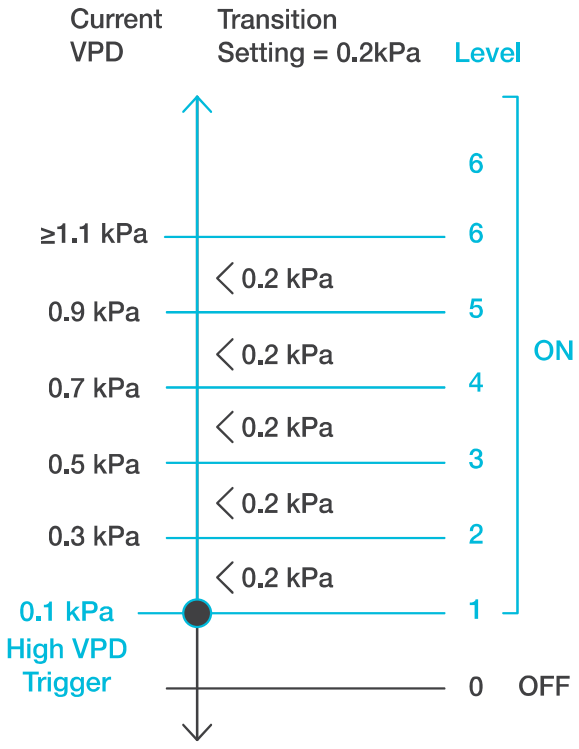
TRANSITION VPD SETTING
Adjusts how gradually your device will shift between levels when triggered ON by the VPD trigger. This will determine how much the probe VPD needs to increase to step up to the next level setting.

The higher the transition setting is, the wider the VPD gap is between levels. The lower the transition setting is, the smaller the VPD gap is between levels. If this figure is set to zero, your device will jump to your maximum level when triggered ON.

Press the up or down button to set a transition threshold between 0.1 kPa and 1.0 kPa. When the sensor VPD first reaches or crosses the VPD trigger point, the level will increase by one (exiting OFF Mode). Each time the threshold level is crossed, the level will ramp up by one until it reaches the level set in ON Mode.

EXAMPLE
In this example, your high VPD trigger is set at 0.1 kPa, the OFF Mode level is 0, and the ON Mode level is 6. If the transition threshold is set to 0 kPa, then once the sensor temperature reaches or exceeds 0.1 kPa, the devices will trigger to run at level 6. However, if the transition threshold is set to 0.2 kPa, then the devices will trigger to run at level 1 when the VPD reaches or exceeds 0.1 kPa. It will then ramp up to level 2 when the VPD reaches or crosses 0.3 kPa, level 3 at 0.5 kPa, etc. From 1.1 kPa on, it will run at level 6, the level set in ON Mode.

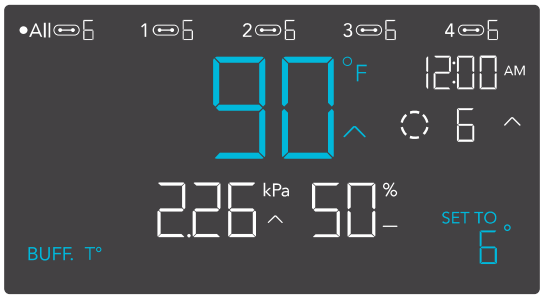




PROGRAMMING
T-SERIES

BUFFER TEMPERATURE SETTING

The buffer figure will create a trigger-off point below your set trigger point to prevent your device from shutting off too quickly. Press the up or down button to cycle through buffer range from 0°F to 8°F (or 0°C to 4°C).

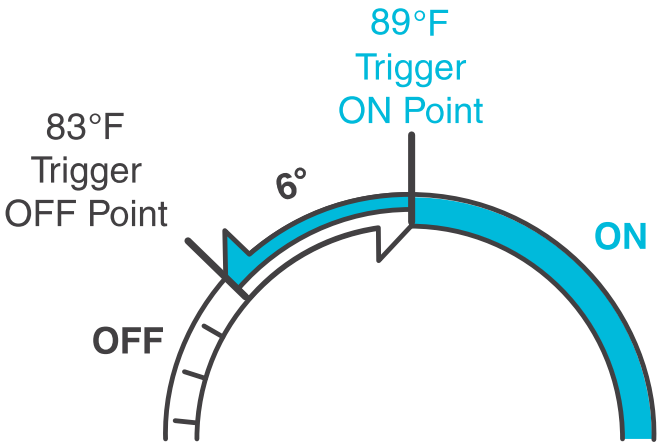


In high temperature triggers, your device will turn on, only turning off when the temperature falls below your buffer setting.

In low temperature triggers, your device will turn on, only turning off when the temperature rises above your set buffer setting.

EXAMPLE

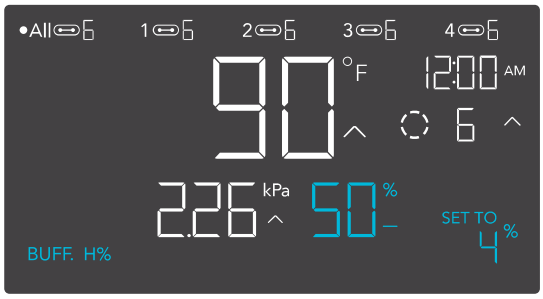
In this example, your High Temperature Trigger is set at 89°F and your Temperature Buffer is set at 6°F. Your device will trigger on when it meets or rises above 89°F, and only trigger off when it falls below 83°F. The 83°F figure is obtained by taking your High Temperature Trigger of 89°F and subtracting your Temperature Buffer of 6°F.



PROGRAMMING
T-SERIES

BUFFER HUMIDITY SETTING

The buffer figure will create a trigger-off point below your set trigger point to prevent your device from shutting off too quickly. Press the up or down button to cycle through buffer range from 0% to 10%.

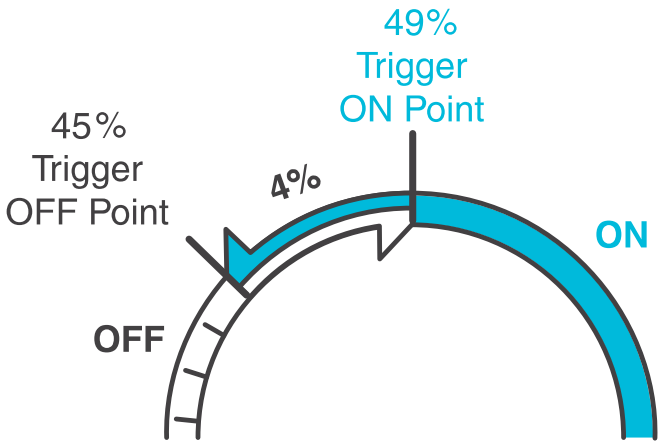


In high humidity triggers, your device will turn on, only turning off when the humidity falls below your buffer setting.

In low humidity triggers, your device will turn on, only turning off when the humidity rises above your set buffer setting.

EXAMPLE

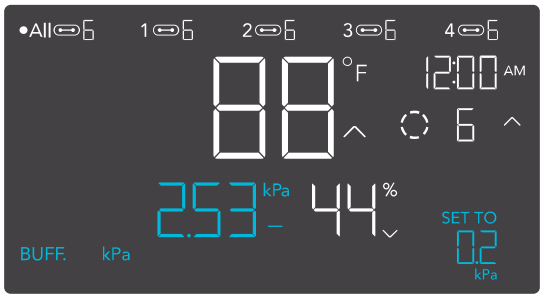
In this example, your High Humidity Trigger is set at 49% and your Humidity Buffer is set at 4%. Your device will trigger on when it meets or rises above 49%, and only trigger off when it falls below 45%. The 45% figure is obtained by taking your High Humidity Trigger of 49% and subtracting your Humidity Buffer of 4%.



PROGRAMMING
T-SERIES

BUFFER VPD SETTING

The buffer figure will create a trigger-off point below your set trigger point to prevent your device from shutting off too quickly. Press the up or down button to cycle through buffer range from 0.1 kPa and 1.0 kPa.

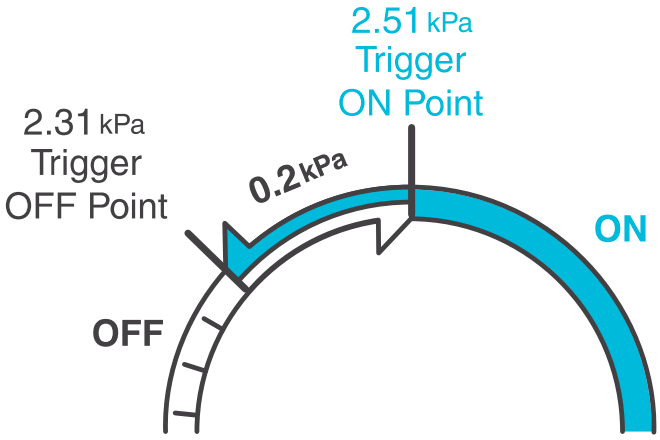


In high VPD triggers, your device will turn on, only turning off when the VPD falls below your buffer setting.

In low VPD triggers, your device will turn on, only turning off when the VPD rises above your set buffer setting.

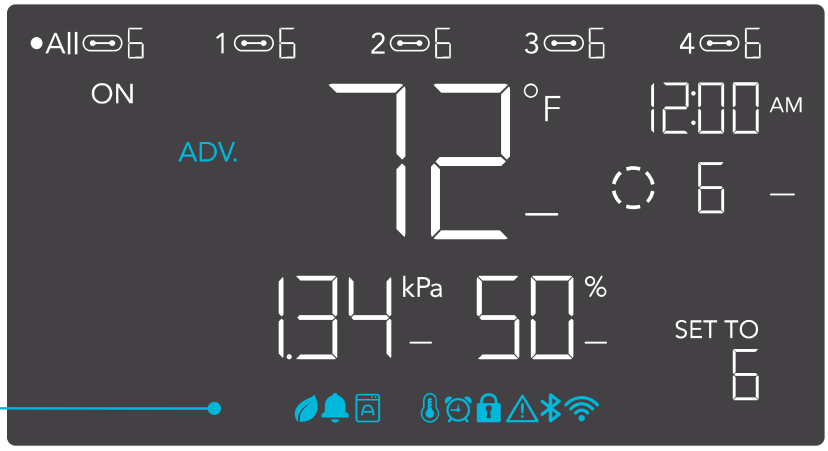
EXAMPLE

In this example, your High VPD Trigger is set at 2.51 kPa and your VPD Buffer is set at 0.2 kPa. Your device will trigger on when it meets or rises above 2.51 kPa, and only trigger off when it falls below 2.31 kPa%. The 2.51 kPa figure is obtained by taking your High VPD Trigger of 2.51% and subtracting your VPD Buffer of 0.2 kPa.



PROGRAMMING
T-SERIES

ALERT ICONS
The alert icons are displayed at the top of the screen. Icons may flash when the controller signals an alert to notify you of any triggered function or alarm.



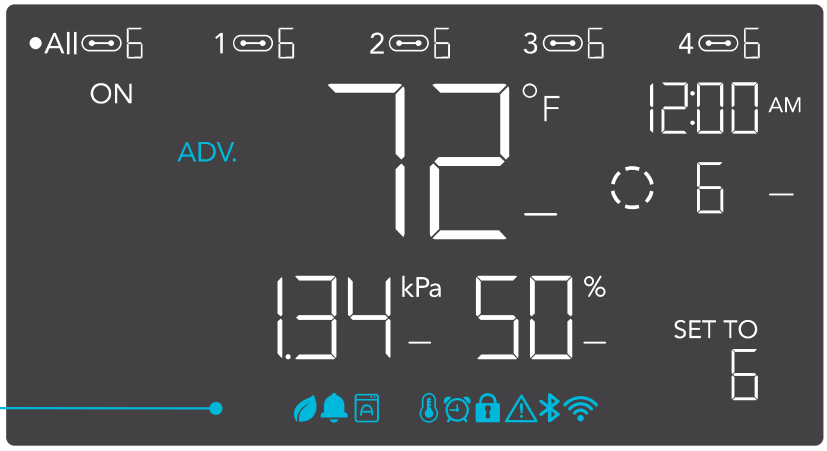
ADVANCE PROGRAMMING
Displays when an advance program set in the app is active. "ADV." will appear and override the controller if an automation program is in use.

AUTO MODE ALERT
Flashes whenever any of the auto mode triggers (high temperature, low temperature, high humidity, or low humidity) activate your devices.

TIMER ALERT
Flashes when a countdown has completed for TIMER TO ON, TIMER TO OFF, CYCLE, or SCHEDULE Mode.

VPD ALERT
Flashes whenever either VPD mode triggers (high VPD or low VPD) activate your devices.

PROGRAMMING
T-SERIES



WI-FI
Appears when the physical controller is connected to the app via Wi-Fi.

DISPLAY LOCK ALERT
Displays when you lock the controller. The icon will flash and beep if you attempt to adjust the controller while it is still locked.

ALERT
Flashes and beeps with an alert whenever a plugged-in device experiences interference to its functioning. Check your devices for possible issues.

ALARM
Flashes and beeps with an alert if the temperature/humidity/VPD meet the trigger point set in the app.

OTHER SETTINGS

FACTORY RESET

Holding the mode, up, and down buttons together for 5 seconds will reset your controller and restore factory settings. This clears all user parameters in each controller mode and setting.

HOLD +

CONTROLLER LOCK

Holding the setting button will lock the controller in your current mode. While your controller is locked, no parameters may be adjusted, nor will you be able to switch modes. Holding the setting button again will unlock the controller.

HOLD +

HIDE SCREEN

Lock the controller so no settings can be adjusted. See above. Then press the setting button to turn the display off. Pressing it again will turn the display back on. Programs will still run in the background while the LCD screen is off.

PRESS +

JUMP TO OFF MODE

Holding the mode button for 3 seconds while in any mode or setting will automatically jump to OFF Mode. This function is disabled if the controller is locked.

HOLD +

RESET TO OFF/DEFAULT

Holding the up and down buttons together for 2 seconds will reset the value of your current mode or controller setting to OFF/ Default. Pressing either the up or down button will return to the previous value.

HOLD +

AUTO INCREASING OR DECREASING

Holding the up or down button will increase or decrease the user setting automatically until you release them.

HOLD +

HOLD +

DOWNLOAD THE APP

THE AC INFINITY APP

The AC Infinity app enables you to connect with the next generation of our intelligent controllers, giving you access to advance programs and environmental data*.

1

Download the AC Infinity app from the App Store or Play Store by searching “AC Infinity”.

Download on the App Store

GET IT ON Google Play

2

Open the AC Infinity app and follow the instructions on page 64-70 to pair your controller with the app.

HOW TO USE THE APP

Visit our website at www.acinfinity.com or open your smartphone camera and scan the QR code below for more information on the AC Infinity app.

*Appearance and features subject to change.

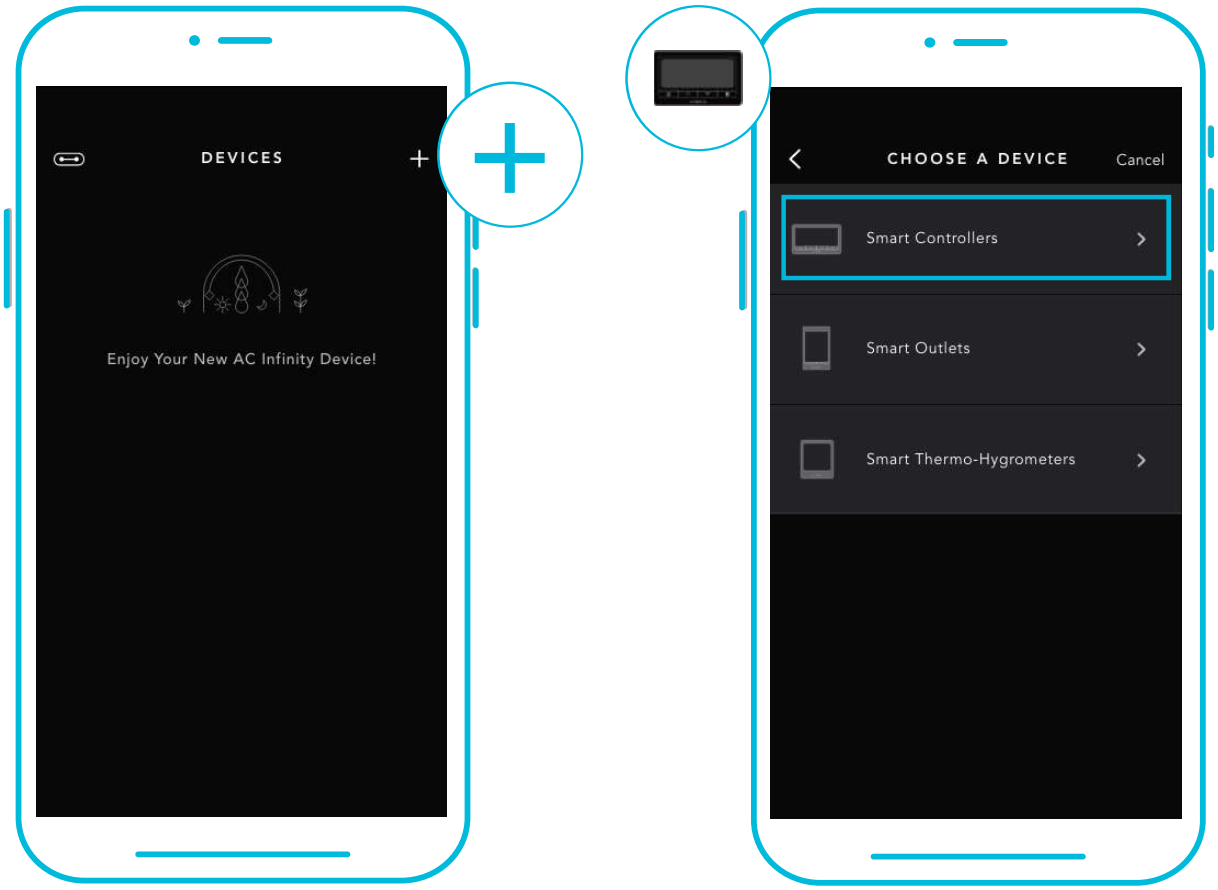
ADD A DEVICE
BLUETOOTH

SETUP AND PAIRING

Power your device on before pairing your controller with the app. Logging in or creating an account beforehand will expedite the pairing process. Have your Wi-Fi network's name and password ready.

1. Tap on the “+” tab to add your smart device.

2. Select "Smart Controllers".



Wi-Fi and location permissions must be enabled on your mobile device before starting the pairing process.

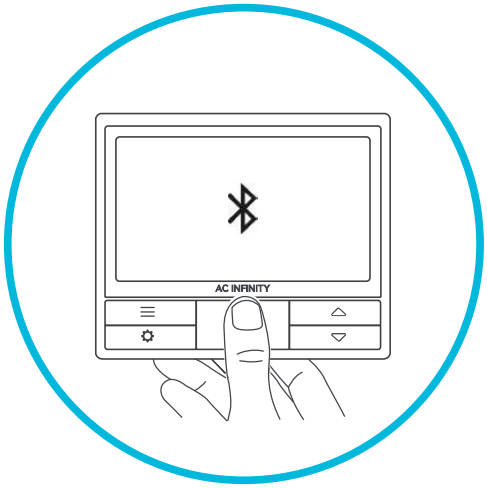
ADD A DEVICE
BLUETOOTH

3

Select CONTROLLER 69 PRO.

4

Hold the port button for 5 seconds to activate Bluetooth. Wait for the Bluetooth icon to start flashing on your controller's screen to release the button.



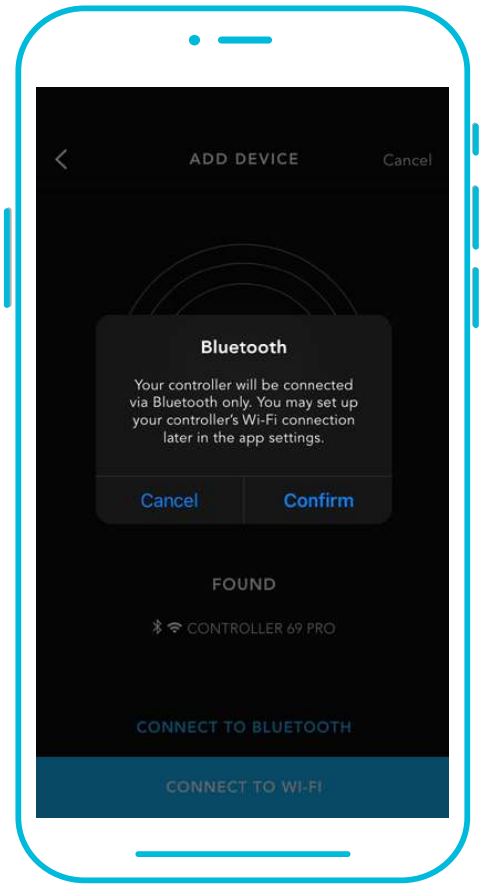
ADD A DEVICE
BLUETOOTH

5

Connect using Bluetooth. To connect using Wi-Fi, skip to step 8.

6

Connecting with Bluetooth will disable Wi-Fi functionality. Go to the app settings page to re-enable and connect using Wi-Fi.

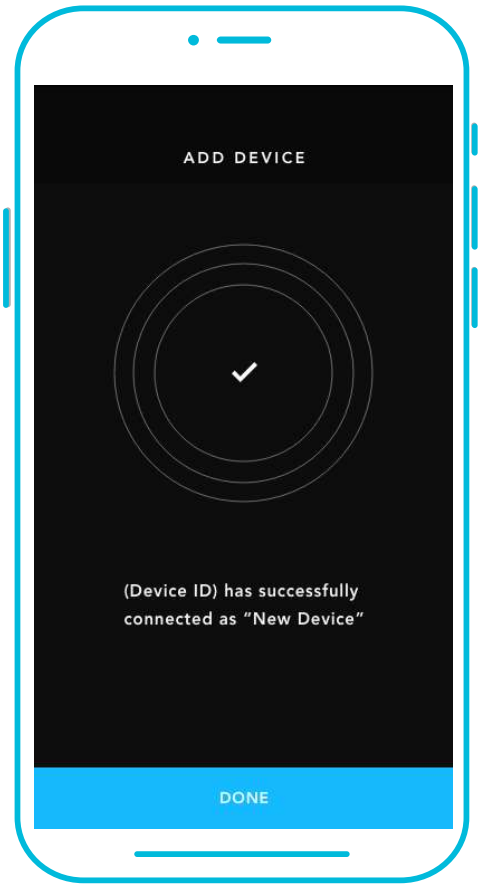


When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

ADD A DEVICE
BLUETOOTH

7

Tap the DONE button to complete the pairing process.

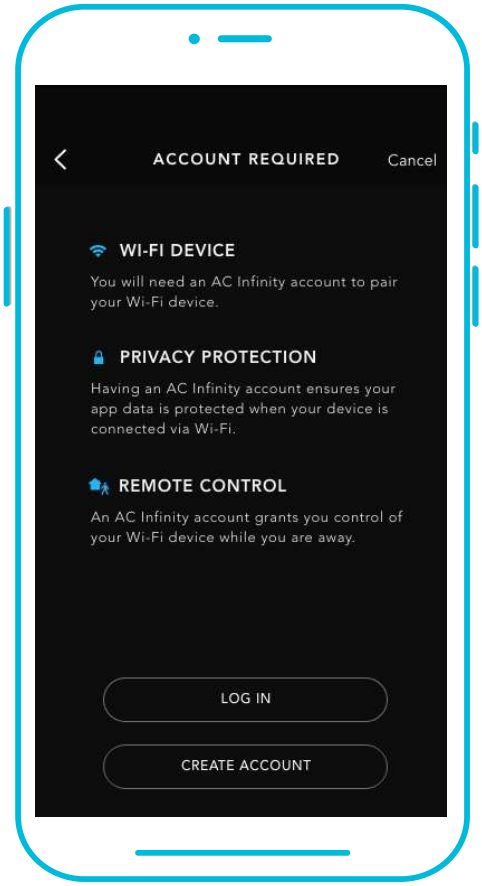


ADD A DEVICE

WI-FI

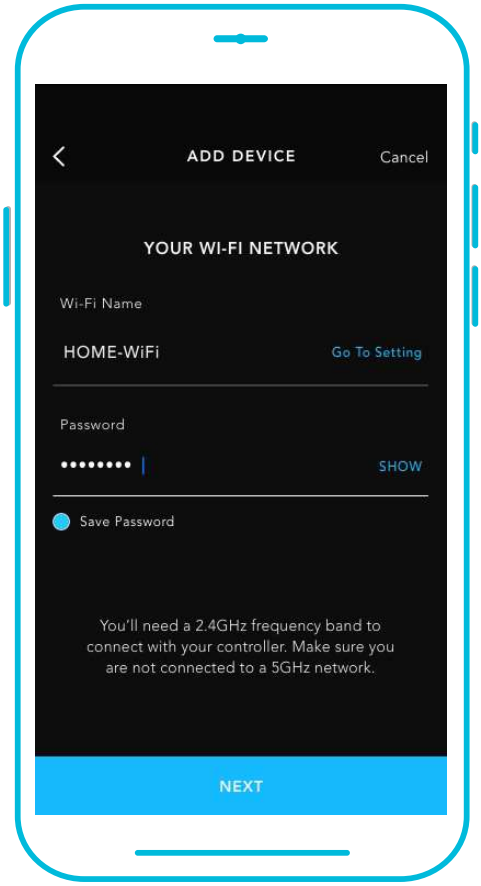
8

Repeat steps 1-5. Log in or create an account to continue.



9

Enter your Wi-Fi network's password. You may also connect to an alternate 2.4 GHz router*.



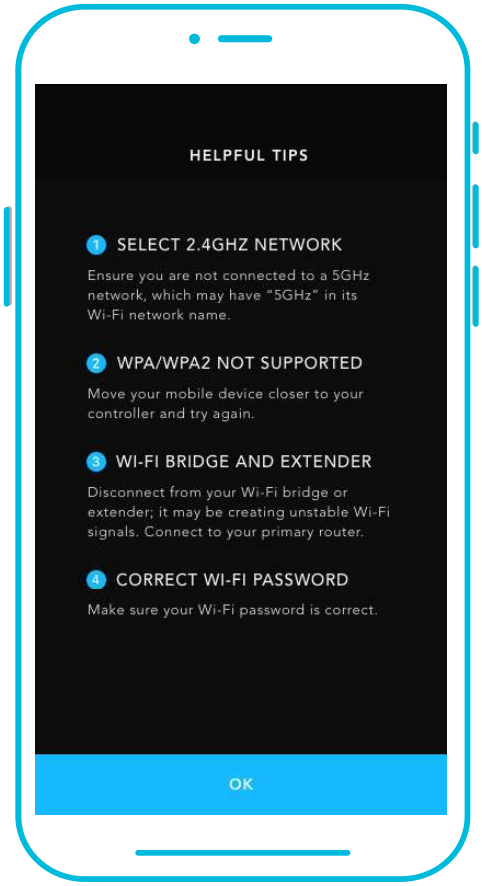
When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

ADD A DEVICE

WI-FI

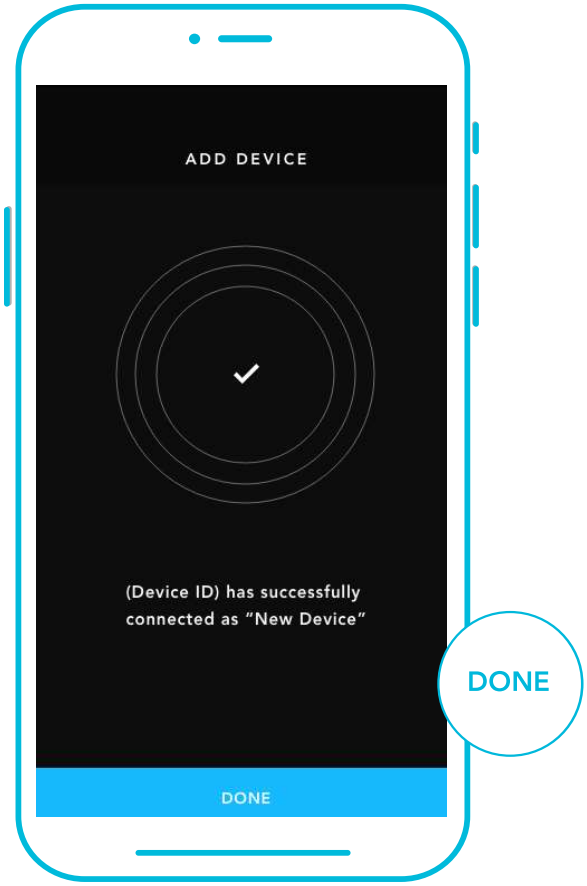
10

Follow these tips if the pairing process is unsuccessful.



11

Tap the DONE button to complete the pairing process.



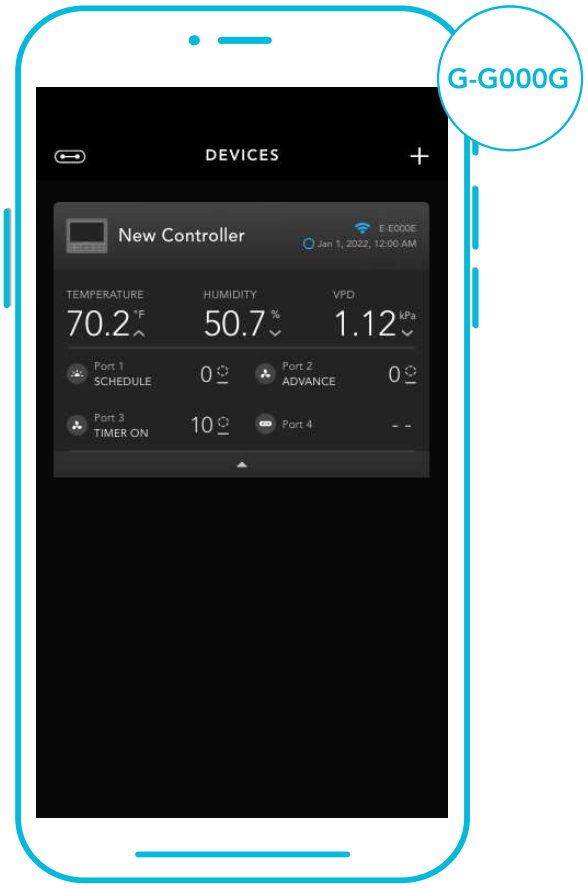
*This controller is only compatible with 2.4 GHz frequency band routers. When connecting using Wi-Fi, make sure your mobile device is not connected to a 5 GHz frequency band network.

ADD A DEVICE

WI-FI

12

Your controller will appear in your smart device with a unique ID.



CONTROLLER 69 PRO FAQ

Q: What devices are compatible with the CONTROLLER 69 PRO?
A: All AC Infinity devices that contain a UIS connector are compatible. If your AC Infinity device has a 4-pin Molex connector and an EC motor, it may still be compatible with the use of a UIS adapter to convert its connector to fit with the controller.

Q: What does “level” refer to in the controller and app?
A: The level represents the intensity the device is running at. This is represented by a digit 0 to 10. Zero means the device is off, and 10 represents its running at its maximum. For fan devices, the level would be referring to their speed. For light devices, the level would be referring to its brightness. Note that on and off devices do not have a level setting.

Q: Why is my device is not turning off when the programming is triggering it to be off?
A: The figure set in OFF Mode determines the device’s level when it’s triggered to be OFF in all other modes. Set this figure to zero if you want the device to turn off when triggered OFF.

If this is occurring in AUTO Mode, check the points of your high and low triggers, which can all activate concurrently. Turn off any triggers that are not in use. If you are using the app, check to see if any ADVANCE programming is active, which can override any control programming.

Q: Why does my device not run or run at low levels when the programming is triggering it to be on?
A: The figure set in ON Mode determines the device’s level when it’s triggered to be ON in all other modes. Make sure this figure is not set to zero or the device will not run when triggered to be ON.

If this is occurring in AUTO Mode, check the points of your high and low triggers, which can all activate concurrently. Turn off any triggers that are not in use. If you are using the app, check to see if any ADVANCE programming is active, which can override any control programming.

CONTROLLER 69 PRO FAQ

Q: How do I stop my device from turning on and off too quickly in AUTO Mode?
A: The figure set in the TRANSITION under SETTINGS will determine how the device ramps up in levels when triggered to run in AUTO Mode. Set a transition threshold X. For every multiple of X that has surpassed your trigger point, the device will increase by one level. The lower the transition threshold is set to, the easier it will be for the device to ramp up in levels. If set to zero, the device will jump to the max set speed without ramping when triggered. This may cause the device to turn on and off quickly if the climate fluctuates back and forth. Increase the transition threshold number to help smooth out the transitions. Check the points of your high and low triggers, which can all activate concurrently. Turn off any triggers that are not in use.

Q: How do I set a minimum speed for constant ventilation, that would ramp up when triggered?
A: If a fan device is connected, the figure set in OFF Mode determines the fan speed when it's triggered to be OFF in all other modes. When the fan isn't triggered ON, it will be considered OFF and so it will run at that minimum speed continuously. Once triggered ON, it will change its speed to the figure set under ON Mode.

Q: Where is the best place to position the sensor probe?
A: Place the sensor probe as close as possible to the hottest or most humid spot in your space.

Q: Do I need to remove the plastic cap from the probe?
A: Yes. You will need to remove the plastic cap so the probe can accurately read climate conditions.

Q: Can I connect different-sized fans to the same controller?
A: Please refer to pages 32-34 for details on adding more fan units.

CONTROLLER 69 PRO FAQ

Q: Will I be able to use this controller with my own devices?
A: The CONTROLLER 69 PRO is only compatible with devices in the UIS ecosystem. Look for our logo on your AC Infinity device's packaging for UIS compatibility.

Q: Does the controller retain its settings after power is shut off?
A: Yes. If the controller's power is cut off and is powered on afterward, your settings will remain.

Q: My controller isn't pairing with the app. How do I fix this?
A: If the pairing process isn't successful, press any button to return to the normal screen. Then hold the port button for 5 seconds to try again. When starting the pairing process around multiple Wi-Fi controllers, move your smart device closer to the controller you wish to connect the app with.

Q: Why does the app ask me for location permissions?
A: The app requires location permissions to find the relative position of your smart controller and communicate with existing Bluetooth devices already paired with the app. All Android devices prior to system version 12.0 will require location permissions to be turned on for the Bluetooth scan to be successful.

Q: Why do the port’s level digits on the screen occasionally flash when I unplug a device?
A: The controller may have received electronic interference during the disconnection. To fix this, completely cut off power from the controller by unplugging all connected devices. Then plug them back into their previous ports and resume normal use.

CLOUDLINE PRO FAQ

Q: Can I mount this inline duct fan vertically?
A: Yes. The CLOUDLINE PRO can be mounted in any orientation, including vertically.

Q: Will I be able to hardwire this fan to my own controller or thermostat?
A: We do not recommend hardwiring or splicing our fan's power wires. Such modifications may compromise electrical safety and will void this product's warranty.

Q: Do I need to use a power converter if I'm outside the US?
A: This product's voltage range is 100-240V AC. You may need a simple travel adapter to plug it into a foreign socket, or a power converter if your country uses a different voltage.

Q: What is the CFM of each of the different fan speeds?
A: Please refer to your CLOUDLINE PRO model's product listing for its CFM specification.

Q: I'm not getting enough airflow even after setting the fan speed to 10. What can I do?
A: Bends in ducting will reduce your fan's CFM performance. To retain airflow, you may straighten the ducting and eliminate as many bends as possible.

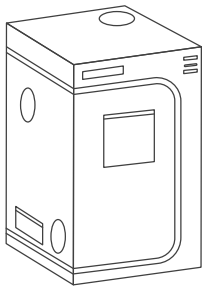
Q: Should I use this inline duct fan as an intake or an exhaust fan?
A: The CLOUDLINE PRO is primarily used as an exhaust fan, but can be used as an intake fan as well. You may use this fan as an intake fan if you need fresh air into your space.

Q: I'm hanging my fan upside down in my grow tent, can I rotate its motor box plate?
A: Yes. Use a screwdriver to unscrew the motor cap. Rotate it to your desired orientation and reapply the screws.

AC INFINITY PRODUCTS

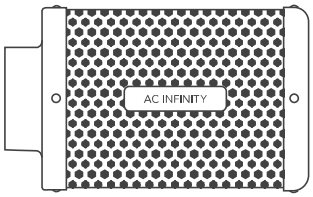
Advance Grow Tents

The CLOUDLAB series is a line of grow tents designed to create ideal growing conditions and facilitate indoor plant cultivation year-round. Features 2000D thick oxford canvas lined with inner diamond patterned mylar that maximizes grow light luminosity, and a reinforced frame with 150 lb. weight capacity. Includes a mounting plate to install your AC Infinity controller onto.



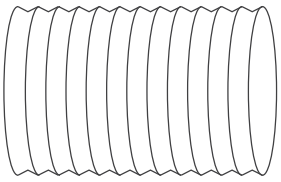
Carbon Filters

The duct carbon filter is designed to eliminate odors and chemicals for grow tents and hydroponic spaces. It utilizes premium grade Australian charcoal that features greater absorption power and a longer lifespan. Enables maximum airflow pass through as part of an intake or an exhaust system.



Ducting Tubes

The four-layer ducting tube is used to direct airflow, designed for ventilation systems in applications like HVAC, dryers, and grow rooms. It is highly durable and flexible, and can be used anywhere from tight spaces to wide open areas.



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WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **626-923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.

If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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VORTEX PROFILTER

Reversible Activated Carbon Filter

Industrial Activated Carbon Filter for Heavy Duty Applications

REVOLUTIONARY !

PRO50
CFM **450** at 0.1 sec.
Height **20** in. (**50** cm)
Recommended fan :
VTX600 & **S**-600

PRO75
CFM **640** at 0.1 sec.
Height **30** in. (**75** cm)
Recommended fan :
VTX600 & **S**-600

PRO100
CFM **900** at 0.1 sec.
Height **40** in. (**100** cm)
Recommended fan :
VTX600, **VTX**800,
S-600 & **S**-800

PRO125
CFM **1140** at 0.1 sec.
Height **50** in. (**125** cm)
Recommended fan :
VTX800, **VTX**1000,
S-800 & **S**-1000

PRO150
CFM **1300** at 0.1 sec.
Height **60** in. (**150** cm)
Recommended fan :
VTX1000, **VTX**1200,
& **S**-1000

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Differential static pressure across filters will cause differential contaminent accumulation in the media. Vortex PROfilter reversible carbon filter is the only filter to offer a solution with the twist lock flange and end cap allowing to reverse the filter and equalize contaminent distribution in the media.

Most cylindrical-type air filters utilize 65% of the carbon available by only filtering through the top section of the carbon filter, leaving the bottom section unused. Vortex PROfilter's innovative patented design allows reversal of the filter, benefitting of 100% of the carbon available and extending the units' life span. Manufactured with only the finest high porosity activated carbon, Vortex PROfilter effectively removes 99.5% of odors. Rated for a continuous worry-free operation and available in many different sizes and CFM ratings, Vortex PRO-filter can be used for industrial, commercial or residential applications.

Rubber gasket to ensure air tight fitting.

Twist lock Flange. No tools required.

Parts made of high impact resistant polycarbonate. High quality galvanized steel.

High capacity prefilter
- 20mm thickness
- Low air resistance
- Antibacterial
- High capacity: 670g / M²
- Flame retardant

High porosity virgin granular activated carbon. Specially designed to remove VOC. 66mm bed thickness.

Convenient elastic band easing installation of the prefilter.

Twist lock End Cap. No tools required.

MODEL	Recommended Maximum CFM	Flange	Outside Diameter	Height	Weight	Carbon Bed Width	Recommended Fan	Pressure Drop at Max CFM
PRO50	450 at 0.1 sec	6"	15.4"	20in. 50cm	41.3 lbs.	2.6" (66mm)	VTX600 & S-600	180pa/.75wg
PRO75	640 at 0.1 sec	6"	15.4"	30in. 75cm	62.0 lbs.	2.6" (66mm)	VTX600 & S-600	180pa/.75wg
PRO100	900 at 0.1 sec	6" or 8"	15.4"	40in. 100cm	82.6 lbs.	2.6" (66mm)	VTX600, VTX800, S-600 & S-800	180pa/.75wg
PRO125	1140 at 0.1 sec	8" or 10"	15.4"	50in. 125cm	103.3 lbs.	2.6" (66mm)	VTX800, VTX1000, S-800 & S-1000	180pa/.75wg
PRO150	1300 at 0.1 sec	10" or 12"	15.4"	60in. 150cm	124 lbs.	2.6" (66mm)	VTX1000, VTX1200 & S-1000	180pa/.75wg

*All Vortex **PRO**filter products come with a **PRE**filter included*

*All Vortex **PRO**filters have a Max Operating Temperature of 175°F*

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2480 boul. des Entreprises Terrebonne, QC, Canada J6X 4J8
Tel.: **450 477-1100**
Fax: **514 313-5700**
Toll Free: **1 800 489-1301**
Email: **info@atmosphere.com**

VORTEX® POWERFANS

High Performance Inline Duct Blowers

S-line

III SUPERIOR AIR AND SOUND PERFORMANCE III
FOR QUIET OPERATIONS

VORTEX® POWERFANS

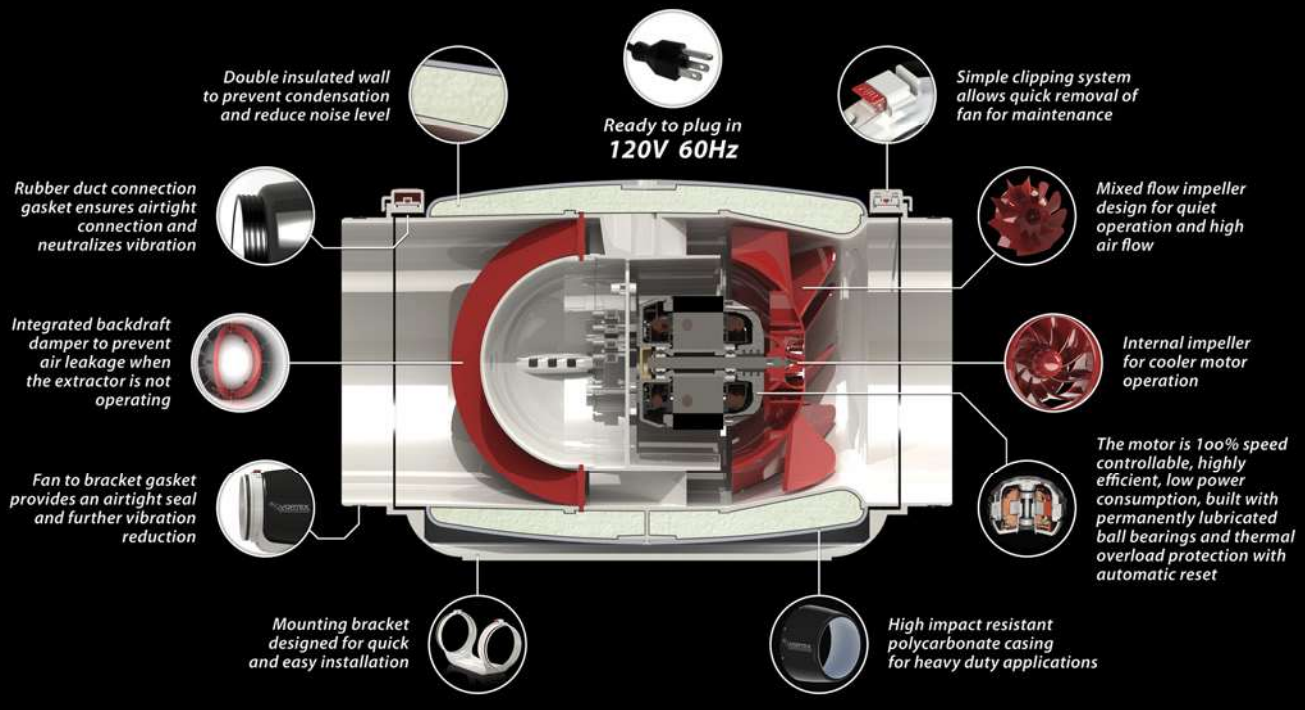
High Performance Inline Duct Blowers

S-line *Mixed Flow Fans are designed for residential and light commercial ventilation applications. These compact, powerful, and quiet fans are available in 6", 8" & 10" duct diameters and are ideally suited for either supply or exhaust ventilation systems.*

Design Features

- *Powerful, compact and quiet mixed flow impeller*
- *Easy to install - mounting brackets included*
- *100% speed controllable*
- *May be mounted in any position*
- *Suitable for airstream temperatures up to 140°F (60°C)*
- *Prewired with 120V power cord*
- *Energy efficient variable speed motor*
- *Fan and motor are precisely balanced for a quiet and vibration-free operation*
- *ETL listed*
- *AMCA air listed*
- *10 year warranty*

TO FIND OUT WHAT SEPARATES THE *S-LINE* FROM OTHER FANS, YOU HAVE TO GET INSIDE IT.

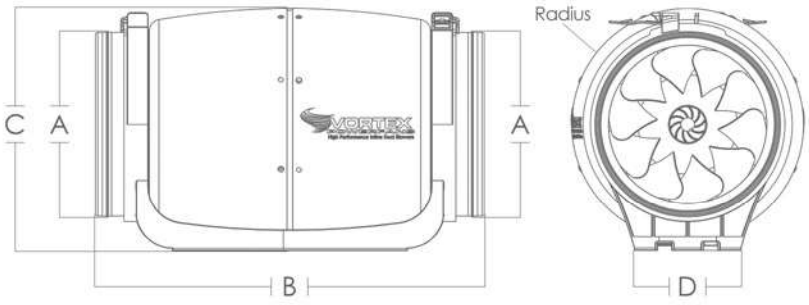


S-line View & Sizes

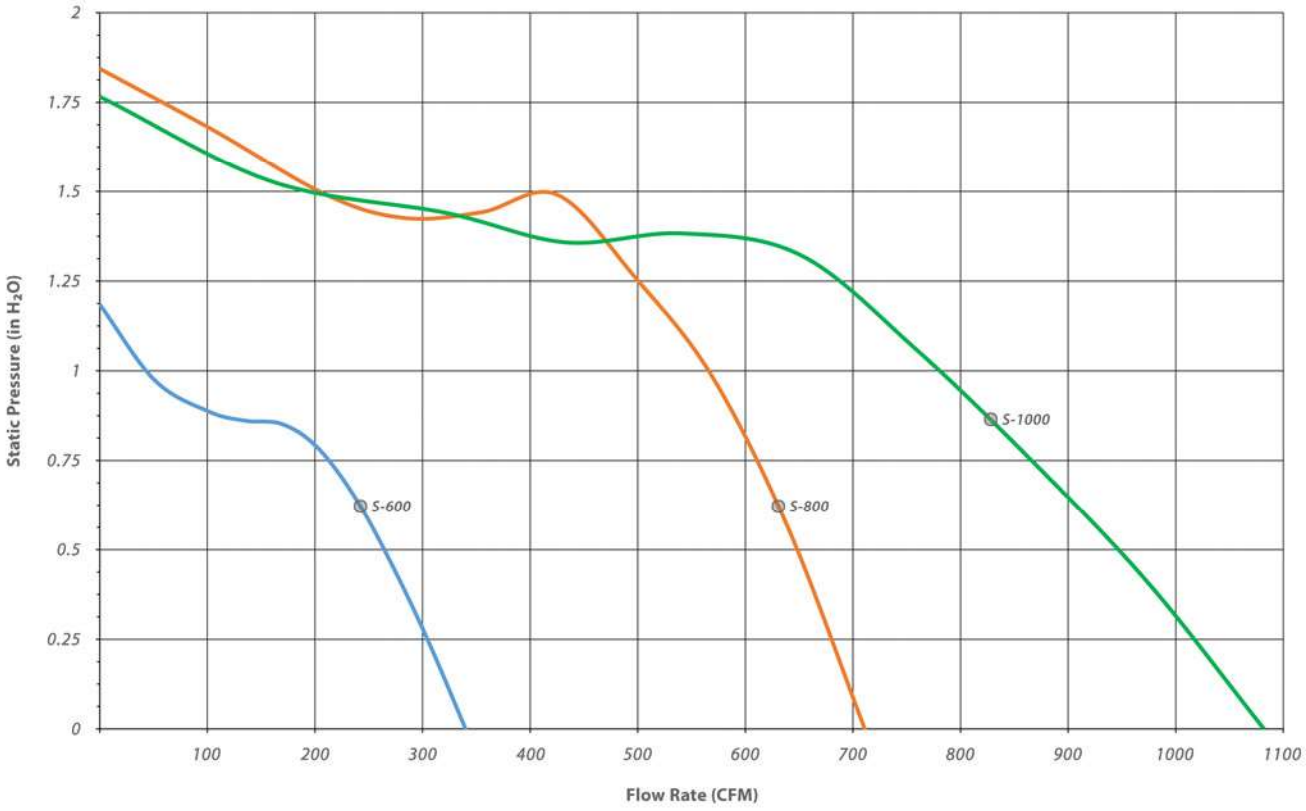
All dimensions in inches

FAN MODEL	Weight (lbs)**	A*	B	C	D	Radius
S-600	6.8	6.0	15.37	9.02	3.94	4.20
S-800	10.4	8.0	16.64	10.38	4.57	4.97
S-1000	13.2	10.0	17.394	13.613	5.709	6.014

*** Mounting Brackets included* ** Represents Duct Dimensions*



S-line Air Performance Graph



S-line Performance Data

*ALL **S-LINE** FANS INCORPORATE MOTORS SUITABLE FOR 120 Volts AC 60Hz ELECTRICAL SUPPLY ONLY*

FAN MODEL	Duct Dia.	RPM	Volts	Rated Watts	Max Amps	Static Pressure in Inches W.G. 0"	.125"	.2"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"	Max Ps
S-600	6"	2720	120	72	0,68	340	323	312	305	285	265	215	39	---	---	1.185
S-800	8"	3150	120	232	1,99	711	697	688	682	666	649	612	570	501	204	1.844
S-1000	10"	2970	120	232	2,12	1082	1051	1032	1019	984	946	866	781	687	197	1.766

Performance certified is for installation type D - Ducted inlet, Ducted outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of appurtenances (accessories) Inlet Duct, Inlet Bell, Outlet Duct

Atmosphere Inc. certify that the models shown herein are licensed to bear the AMCA Seal. The ratings are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Intertek

CONFORMS TO UL 507 and CSA C22.2 no.113

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S-line Applications

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FEBRUARY 2016
Item #: QMS-CAT-SLINE-001

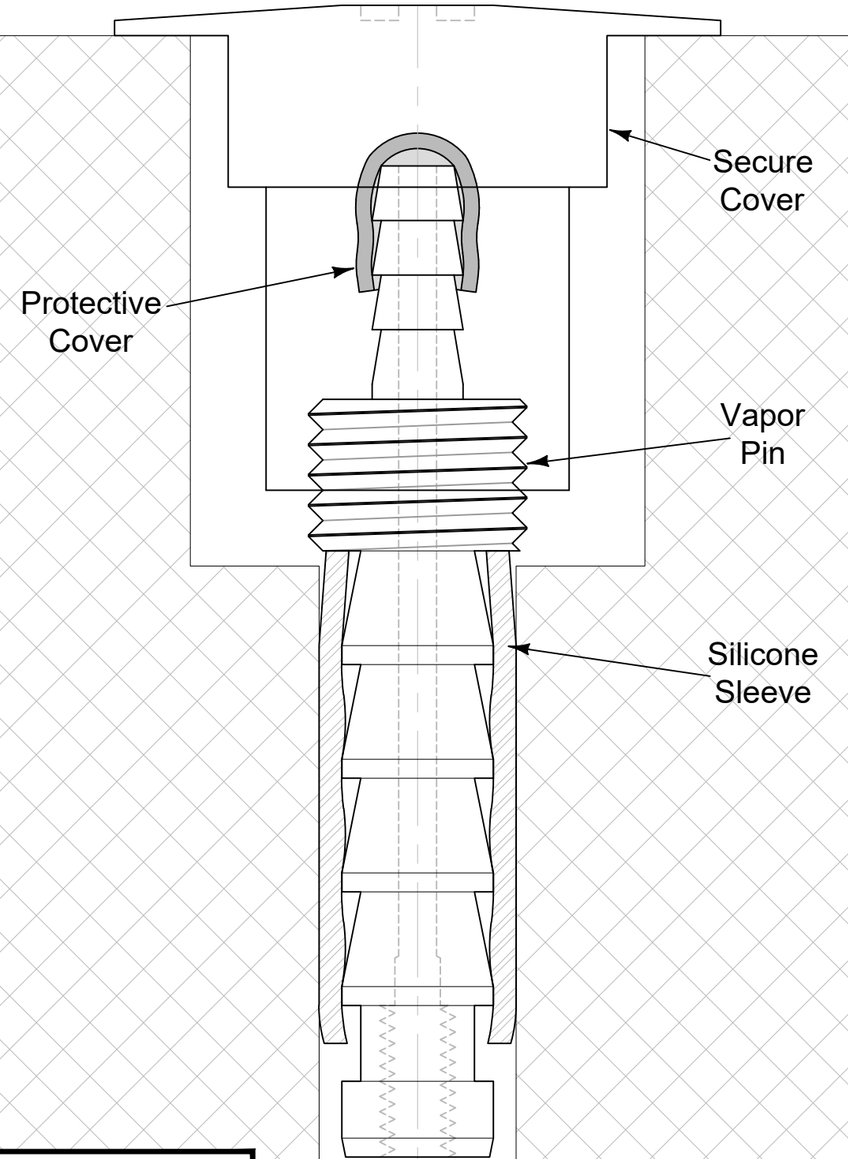
APPENDIX I
Vapor Pin Specifications & SOP

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

VP0001.02



Notes: Dimension Tolerance
0.00 = +/- 0.01
0.000 = +/- 0.005
Dimensions in inches

Materials:
Brass
Stainless Steel (303)

Property of Vapor Pin Enterprises, Inc.
Protected under Patent # 8,220,347 B2
and other Patents Pending

VaporPin®

Vapor Pin Enterprises, Inc.
7750 Corporate Blvd.
Plain City, Ohio 43064
VaporPin.com

Name: VAPOR PIN® with Secure Cover

Drawing No.: VP0001.02

Date: November 17, 2023

(A) Hole through device is used to transmit air.

(B) This thread must engage with Secure Cover (Item A - Drawing No. VP0004.##) and Installation/Extraction Tool Coupler (Item A - Drawing No. VP0009.##).

(C) This thread must engage with VAPOR PIN® Extension 1.5" (Item B - Drawing No. VP0005.##); VAPOR PIN® Sieve (Item B - Drawing No. VP0006.##); and VAPOR PIN® Barb Extension (Item B - Drawing No. VP0007.##).

Standard Operating Procedure

Installation and Extraction
Vapor Pin® Sampling Device

Scope & Purpose

Scope

This standard operating procedure describes the installation and extraction of the Vapor Pin® Sampling Device for use in sub-slab soil-gas sampling.

Purpose

The purpose of this procedure is to assure good quality control in field operations and uniformity between field personnel in the use of the Vapor Pin® Sampling Device.

Equipment Needed

- Vapor Pin® Sampling Device
- Vapor Pin® Sleeves
- Vapor Pin® Cap
- Installation/Extraction Tool
- Rotary Hammer Drill
  - ⅝-Inch (16mm) diameter hammer bit
  - 1½-Inch (38mm) diameter hammer bit for flush mount applications
- ¾-Inch (19mm) diameter bottle brush
- Wet/Dry Vacuum with HEPA filter (optional)
- Dead Blow Hammer
- VOC-free hole patching material (hydraulic cement) and a putty knife or trowel
  - This is for repairing the hole following the extraction of the Vapor Pin® Sampling Device

Installation Procedure

1. Check for buried obstacles (pipes, electrical lines, etc.) prior to proceeding.
2. Set up wet/dry vacuum to collect drill cuttings.
3. For a temporary installation, drill a ⅝-inch (16mm) diameter hole through the slab and approximately 1-inch (25mm) into the underlying soil to form a void. The hole must be ⅝-inch (16mm) in diameter to ensure a seal.
   - If a flush mount installation is required, drill a 1½-inch (38mm) diameter hole at least 1¾-inches (45mm) into the slab. We highly recommend using the Stainless Steel Drilling Guide and to reference the Standard Operating Procedure Drilling Guide & Secure Cover.
4. Remove the drill bit, brush the hole with the bottle brush and remove the loose cuttings with the vacuum.
5. Assemble the Vapor Pin® Sampling Device and Vapor Pin® Sleeve (Figure 1).
6. Place the lower end of the Vapor Pin® Sampling Device assembly into the drilled hole. Place the small hole located in the handle of the Installation/Extraction Tool, over the Vapor Pin® to protect the barb fitting and tap the Vapor Pin® into place using a dead blow hammer (Figure 2). Make sure the Installation/Extraction Tool is aligned parallel to the Vapor Pin® to avoid damaging the barb.
   - During installation, the Vapor Pin® Sleeve may form a slight bulge between the slab and the Vapor Pin® Sampling Device shoulder.
7. Place the Vapor Pin® Cap on the Vapor Pin® to prevent vapor loss prior to sampling (Figure 3).
8. For flush mount installations, cover the Vapor Pin® with a flush mount cover, using either the plastic cover or the optional Stainless Steel Secure Cover (Figure 4).
9. Allow 20 minutes or more (consult applicable guidance for your situation) for the sub-slab soil-gas conditions to re-equilibrate prior to sampling.

Figure 1.

Figure 2.

Figure 3.

Figure 4.

Sampling

1. Remove the Vapor Pin® Cap and connect your sample tubing to the barb fitting of the Vapor Pin® Sampling Device.
2. Create a connection by using a short piece of Tygon™ tubing to join the Vapor Pin® Sampling Device with the Nylaflow tubing (Figure 5). Put the Nylaflow tubing as close to the Vapor Pin® Sampling Device as possible to minimize contact between soil gas and Tygon™ tubing. You do not **have** to use Nyflaflow tubing, any stiff tubing will suffice.
3. Prior to sampling, conduct a leak test in accordance with applicable guidance. If a leak test is not specified, refer to the SOP Leak Testing the Vapor Pin® Sampling Device, via Mechanical Means (Figure 6). For flush-mount installations, distilled water can be poured directly into the 1½ inch (38mm) hole.

Figure 5.

Figure 6.

Figure 7.

Extraction Procedure & Reuse Notes

1. Remove the protective cap, and thread the Installation/Extraction Tool onto the Vapor Pin® Sampling Device (Figure 7). Turn the tool clockwise continuously, don't stop turning, the Vapor Pin® Sampling Device will feed into the bottom of the Installation/Extraction Tool and will extract from the hole like a wine cork, **DO NOT PULL!**
2. Fill the void with hydraulic cement and smooth with a trowel or putty knife.
3. Prior to reuse, remove the silicon Vapor Pin® Sleeve and Vapor Pin® Cap and discard. Decontaminate the Vapor Pin® Sampling Device in a Alconox® solution, then heat in an oven to a temperature of 265° F (130°C). For Stainless – ½ hour, Brass 8 minutes.

Standard Operating Procedure

Drilling Guide & Secure Cover

Scope & Purpose

Scope

This standard operating procedure (SOP) describes the methodology to use the Vapor Pin® Sampling Device Drilling Guide and Secure Cover to install and secure a Vapor Pin® Sampling Device in a flush mount configuration.

Purpose

The purpose of this SOP is to detail the methodology for installing a Vapor Pin® Sampling Device and Secure Cover in a flush mount configuration. The flush mount configuration reduces the risk of damage to the Vapor Pin® Sampling Device by foot and vehicular traffic, keeps dust and debris from falling into the flush mount hole, and reduces the opportunity for tampering.

Equipment Needed

- Vapor Pin® Sampling Device Secure Cover (Figure 1)
- Vapor Pin® Sampling Device Drilling Guide (Figure 2)
- Rotary Hammer Drill
  - ⅝-Inch (16mm) diameter hammer bit
  - 1½-Inch (38mm) diameter hammer bit for flush mount applications
- Assembled Vapor Pin® Sampling Device
- #14 Spanner Wrench
- Wet/Dry vacuum with HEPA filter (optional)
- Personal Protective Equipment (PPE)

Figure 1

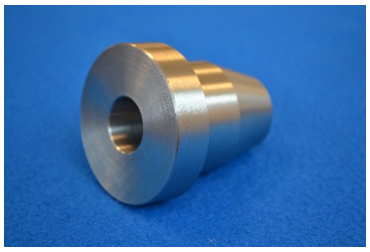


Figure 2

Installation Procedure

1. Check for buried obstacles (pipes, electrical lines, etc.) prior to proceeding.
2. Set up wet/dry vacuum to collect drill cuttings.
3. While wearing PPE, drill a 1½-inch (38mm) diameter hole into the concrete slab to a depth of approximately 1¾-inches (45mm). Pre-marking the desired depth on the drill bit with tape will assist in this process.
4. Remove cuttings from the hole and place the Drilling Guide in the hole with the conical end down (Figure 3). The hole is sufficiently deep if the flange of the Drilling Guide lies flush with the surface of the slab. Deepen the hole as necessary but avoid drilling more than 2 inches (50.8mm) into the slab, as the threads on the Secure Cover may not engage properly with the threads on the Vapor Pin® Sampling Device.
5. When the 1½-inch (38mm) hole is drilled to the proper depth, replace the drill bit with a ⅝-inch (16mm) bit, insert the bit through the Drilling Guide (Figure 4), and drill through the slab. The Drilling Guide will help to center the hole for the Vapor Pin® Sampling Device and keep the hole perpendicular to the slab.
6. Remove the bit and drilling guide, clean the hole, and install the Vapor Pin® Sampling Device in accordance with the SOP “Installation and Extraction of the Vapor Pin® Sampling Device.”
7. Screw the Secure Cover onto the Vapor Pin® Sampling Device and tighten using a #14 Spanner Wrench by rotating it clockwise (Figure 5). Rotate the cover counterclockwise to remove it for subsequent access.

8. For flush mount installations, cover the Vapor Pin® with a flush mount cover, using either the plastic cover or the optional Stainless Steel Secure Cover (Figure 4).
9. Allow 20 minutes or more (consult applicable guidance for your situation) for the sub-slab soil-gas conditions to re-equilibrate prior to sampling.

Figure 3

Figure 4

Figure 5

Limitations

On slabs less than 3 inches thick, it may be difficult to obtain a good seal in a flush mount configuration with Vapor Pin® Sampling Device. But a perfect alternative for that would be our Mini Vapor Pin®!

APPENDIX J
Documentation of SSDS/Slab Modifications
Daily & Weekly Monitoring Reports (March-April 2025)

170 Lee Avenue
Brooklyn, NY 11211

718.858.6655

info@rockenviro.com

DAILY STATUS REPORT
Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 6, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite, Signature Acknowledgements Required After Morning Tailgate Meeting
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed:

- 30 brand new sealable 55-gallon drums were delivered to the Site on March 3, 2025, prior to the commencement of work.
- Imported 10 CY of ¾-inch virgin-mined bluestone (ASTM5) from Bound Brook Quarry (BBQ) for use in the SSDS pits and possibly for sub-base material for repaired ramp area. Any remaining stone will be used for the trenching for wastewater lines at a later date. (Stone Import Ticket Attached)
- Conducted daily tailgate health & safety meeting at the start of the day and had all laborers/ occupants sign & acknowledge Rock Enviro's Site-Specific HASP.
- Installation of SSDS Pit, V-5 (see locations on Figure 1 on the following page). V-5 was sawcut (2.5 ft long by 2.5 ft wide and 3.5 ft deep) and concrete and soil were removed. The pit was filled with stone and a 2-inch diameter PVC pipe was installed within the stone layer before paving the surface to match the surrounding slab-on-grade foundation. The PVC pipe was capped before turning off the negative air machine and removing the enclosure. Concrete and soil from V-5 were stored in separate sealable 55-gallon drums.
- Broke up concrete at the ramp area on the northeast side of the first floor. All concrete from the ramp area was stored in sealable 55-gallon drums.
- Began removal of approx. 2-4 inches of soil in ramp area. All soil from the ramp area was stored in sealable 55-gallon drums.
- SSDS pit installation and ramp work was completed within enclosures with 2 layers of 6-mil poly sheeting and a negative air machine with HEPA filters.
- 16 sealable 55-gallon drums of concrete from the ramp area were filled. 1 drum of soil was filled with soil from the ramp area.
- 1 drum of concrete and 5 drums of soil were filled during the installation of SSDS pit V-5.
- A total of twenty-three (23) 55-gallon drums were filled in total during all activities; 17 drums of concrete and 6 drums of soil. The concrete and soil drums were segregated.
- Conducted Air Monitoring (CAMP) was conducted with three (3) separate air monitoring stations. Each station was equipped with a dust/particulate counter (PM2.5 & PM10) and a PID for total VOCs monitoring. Two CAMP stations (CS-1 & CS-2) were located within the work area on the first floor (one near the ramp and one near the SSDS pits). A third station (CS-3) was located on the second floor within the hallway at the top of the landing to ensure no dust or PIDs were detected outside the residential spaces.

Working Areas: The ramp on the northeast portion of the first floor and new SSDS pit location, V-5.

Samples Collected (Since Last Report): Waste Characterization samples for soil and concrete were collected previously on February 24, 2025. The results were submitted to the disposal facility and additional TCLP Lead analysis was requested. Due to the high levels of total PCE a "Contained In" determination will be submitted the following week.

Air Monitoring (Since Last Report):
Air Monitoring was conducted at the locations shown in Figure 2A (first floor) and Figure 2B (second floor).
CAMP Station 1 – Background (0.0 ppm / 0.029 ug/m^3)
CAMP Station 1 – Maximum (0.0 ppm / 0.066 ug/m^3)
CAMP Station 2 – Background (0.0 ppm / 0.033 ug/m^3)
CAMP Station 2 – Maximum (0.0 ppm / 0.072 ug/m^3)
CAMP Station 3 – Background (0.0 ppm / 0.009 ug/m^3)
CAMP Station 3 – Maximum (0.0 ppm / 0.011 ug/m^3)

Problems Encountered: No Problem Encountered.
Planned Activities for the Next Day/ Week: • Continuation of SSDS pit installation. • Add a subbase layer of bluestone to the ramp area. • Replacement of pavement at ramp area. • Continuation of air monitoring and oversight. • Drums are scheduled to be picked up for disposal next week. The disposal facility is reviewing analysis and have requested additional TCLP analysis. Based upon their review of soil and concrete data, the material will be profiled, and waste class codes will be designated. • An electrician is scheduled to run an electric line to the rooftop capable of running the blower to avoid any delays in getting the SSDS operational after the relocation of the SSDS equipment. • The SSDS will continue to operate uninterrupted until the SSDS equipment (blower, GAC drums, etc) are relocated to the rooftop sound enclosure. • The SSDS equipment relocation is tentatively scheduled for the following week.

Figure 1 - Work Areas (SSDS Pits & Ramp Area)

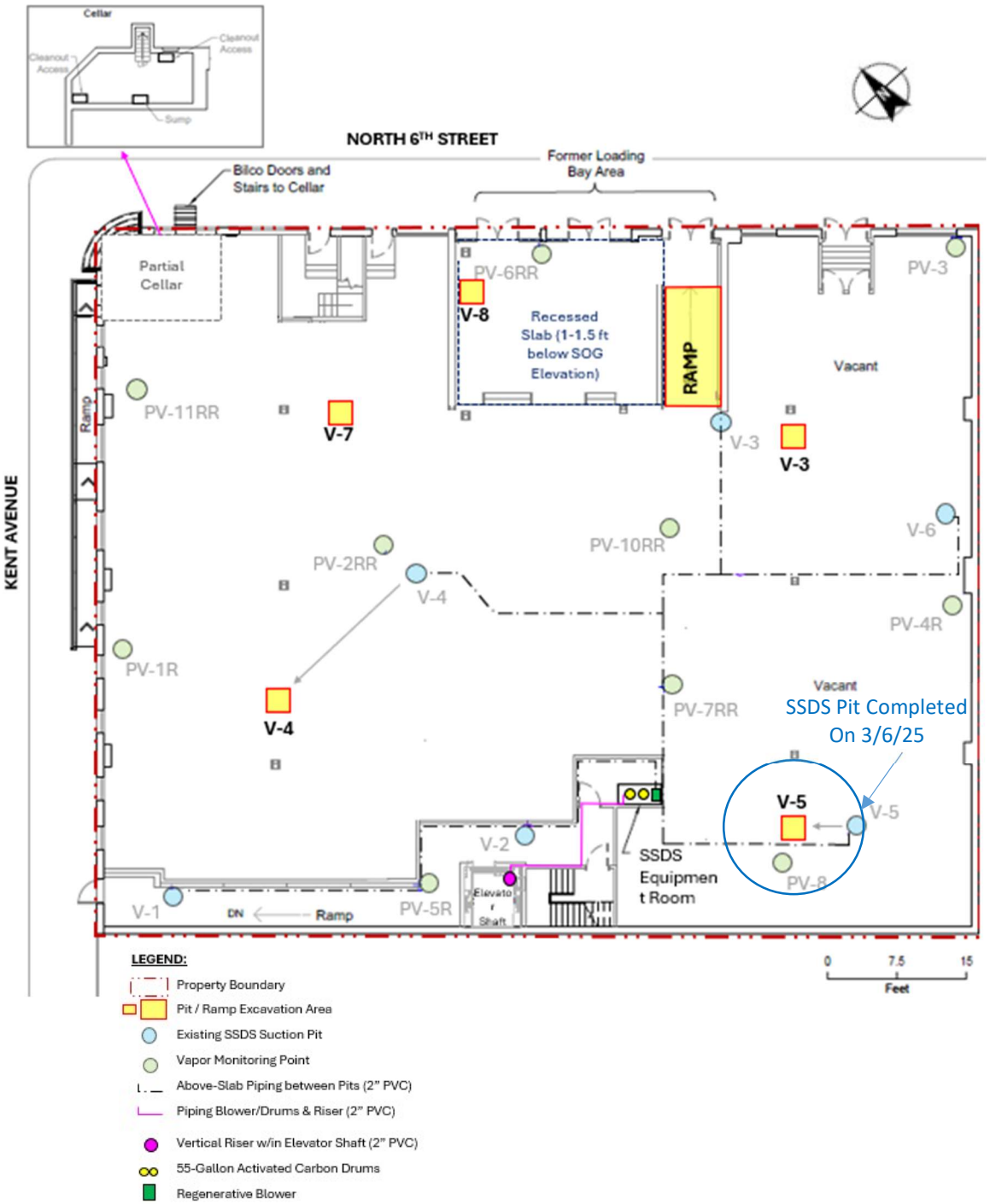


Figure 2A – Air Monitoring Station Locations (First Floor)

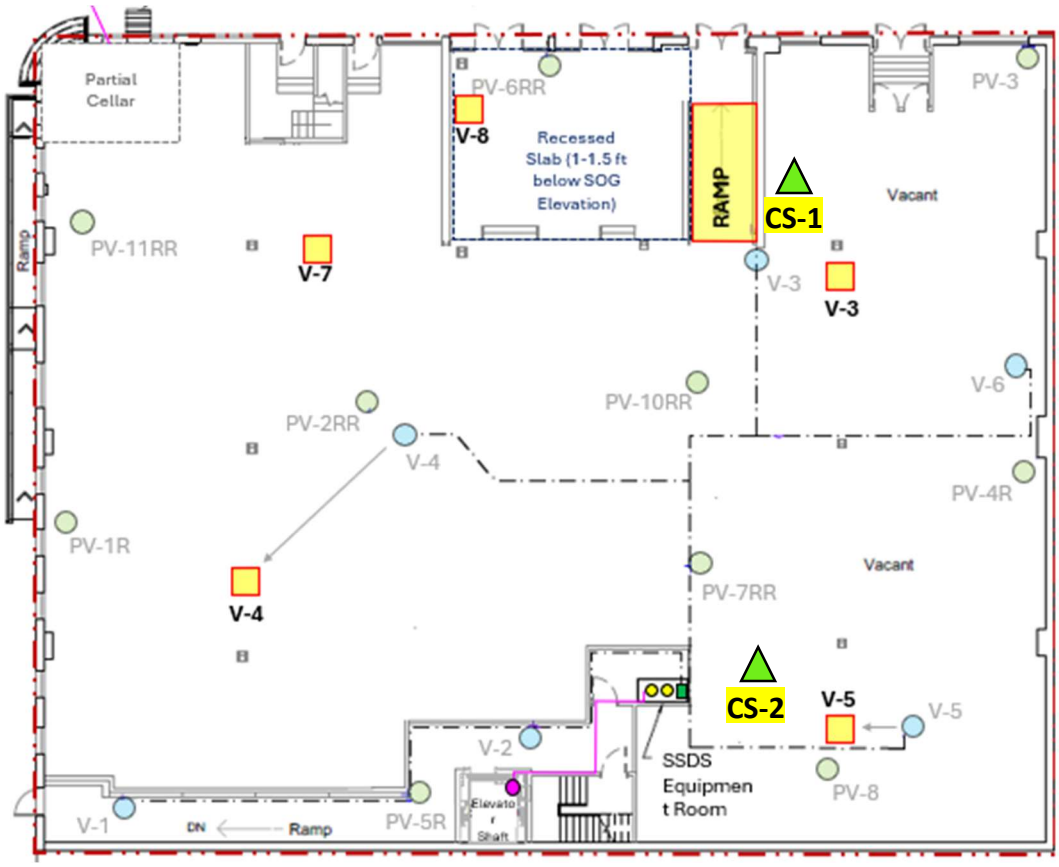
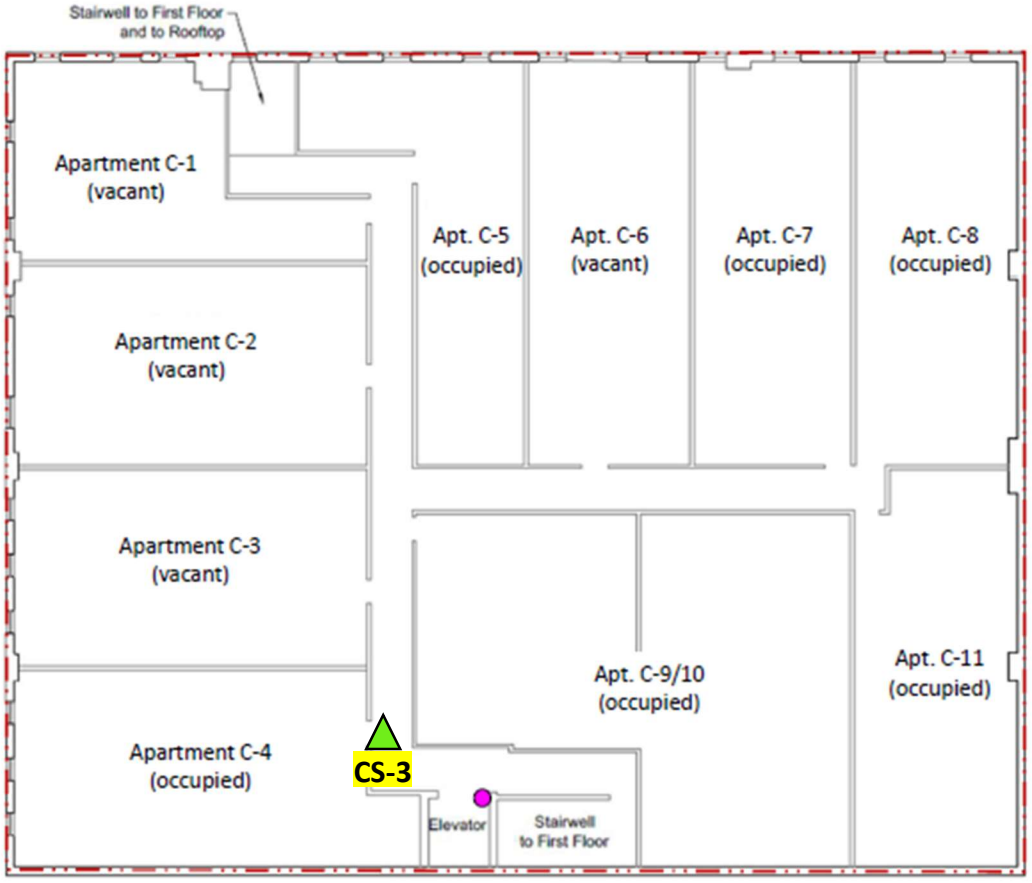


Figure 2B – Air Monitoring Station Locations (Second Floor)



= CAMP STATION LOCATION

Photo Log

Photo 1 – Thirty (30 brand new sealable 55-gallon drums delivered to the Site on March 3, 2025.	
Photo 2 – Ramp area enclosure at the time it was assembled on February 25, 2025.	

Photo 3 – SSDS pit enclosure at the time they were assembled on February 25, 2025.	
Photo 4– View of enclosure around ramp area on day of work with camp station 1.	

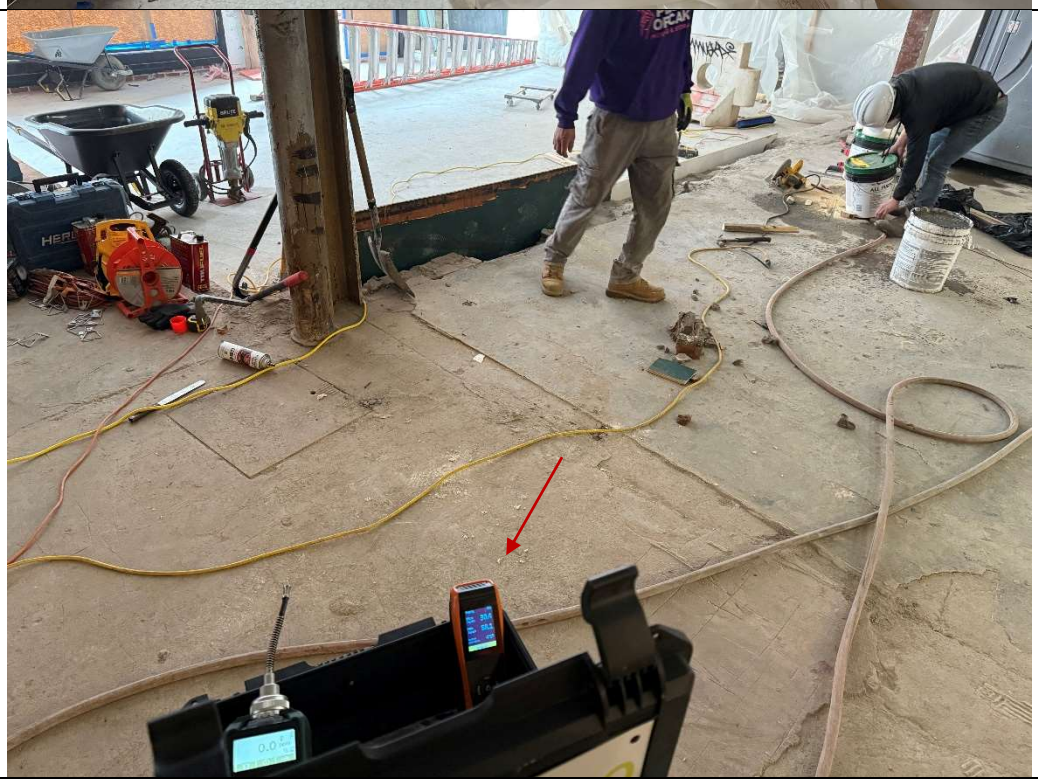
Photo 5 – View of enclosure around ramp area on day of work with negative air machine flow outside of the building.		
Photo 6 – CAMP Station 2 near work areas.		

Photo 7 – CAMP Station 3 – Second Floor.	
Photo 8 – Ramp concrete demolition within enclosure showing negative air machine.	

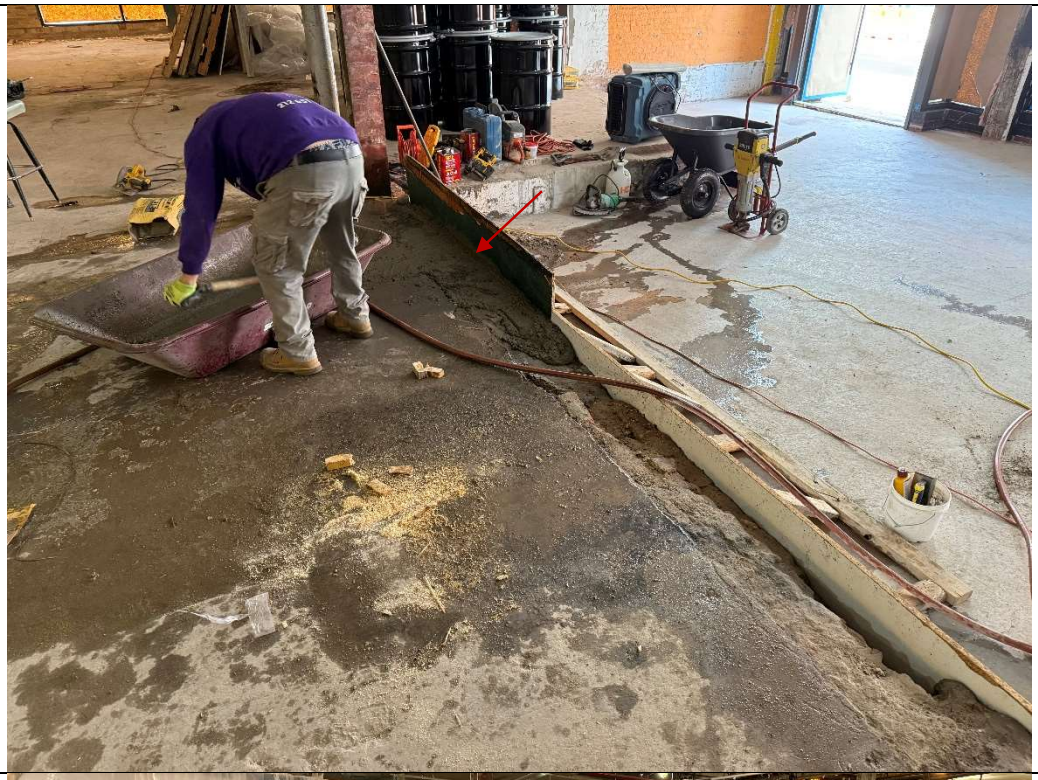
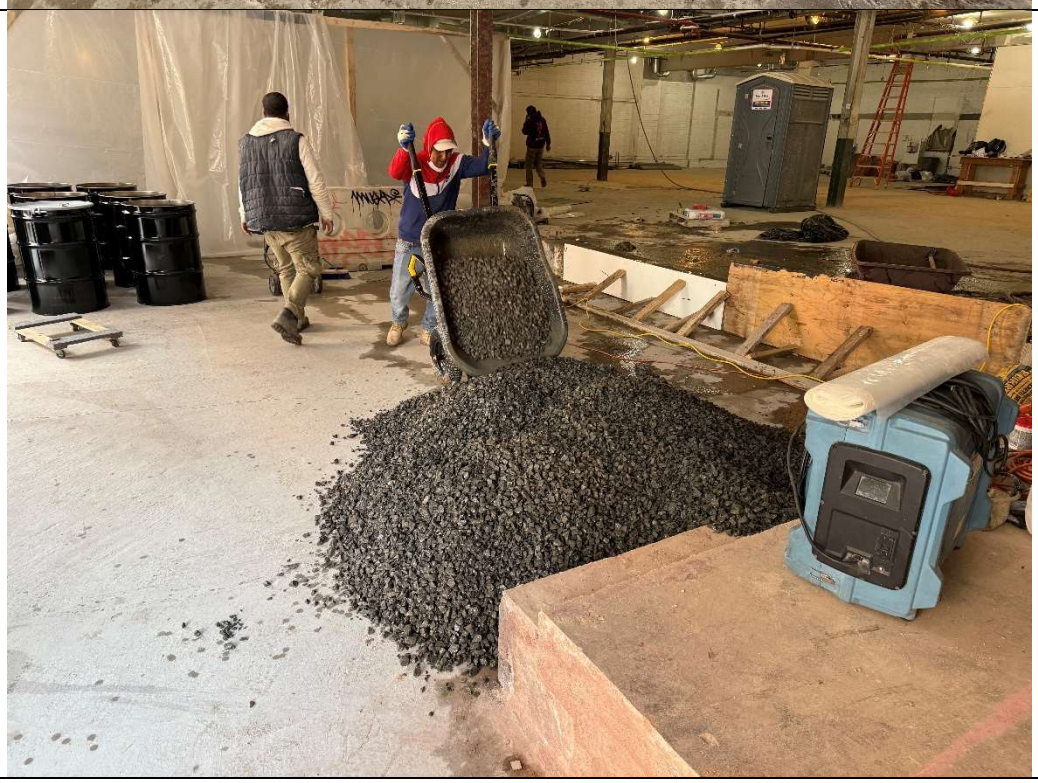
Photo 9 – Concrete slab patching at damaged area near depressed slab area.		
Photo 10 – ¾” bluestone (ASTM5) delivery for SSDS pits and ramp subbase.		

Photo 11 – 2x2x2 foot SSDS pit (V5) being prepared showing negative air machine with HEPA filter.		
Photo 12 – Water application for additional dust mitigation.		

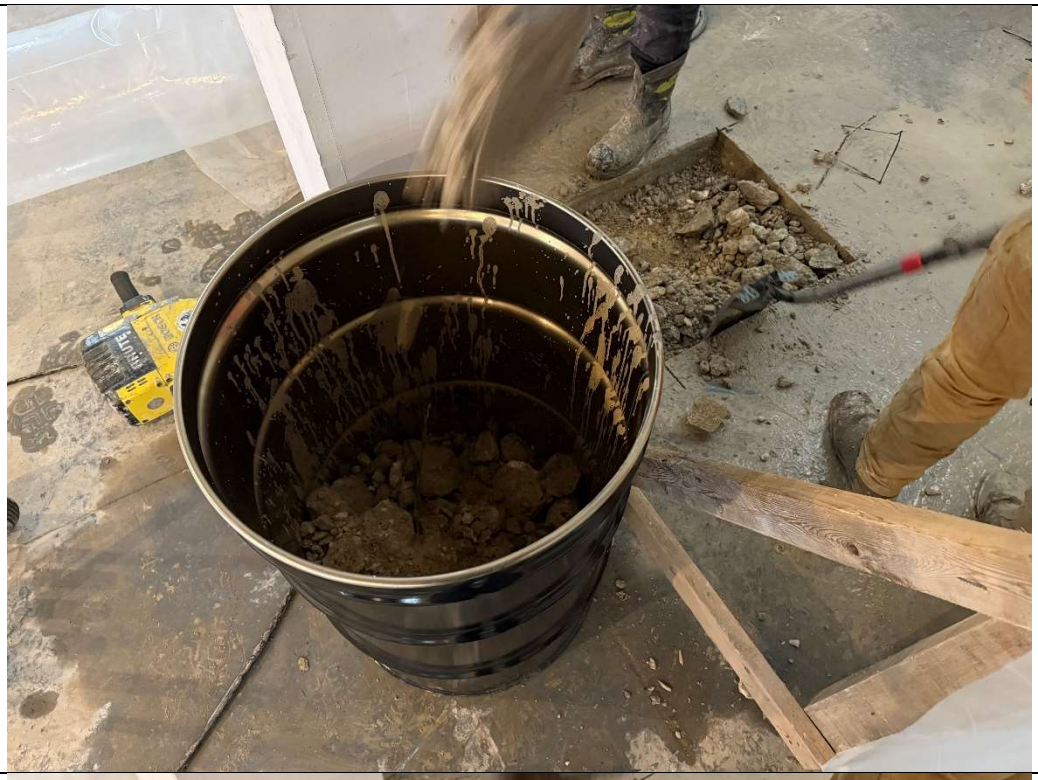
Photo 13 – Containing concrete in 55-gallon drums from SSDS pit.		
Photo 14 – Containing soil in 55-gallon drums from SSDS pit.		

Photo 15 – 2.5x2.5x3.5 foot SSDS pit (V-5) removed saw-cut concrete and soil.		
Photo 16 – Containing concrete in 55-gallon drums from ramp area.		

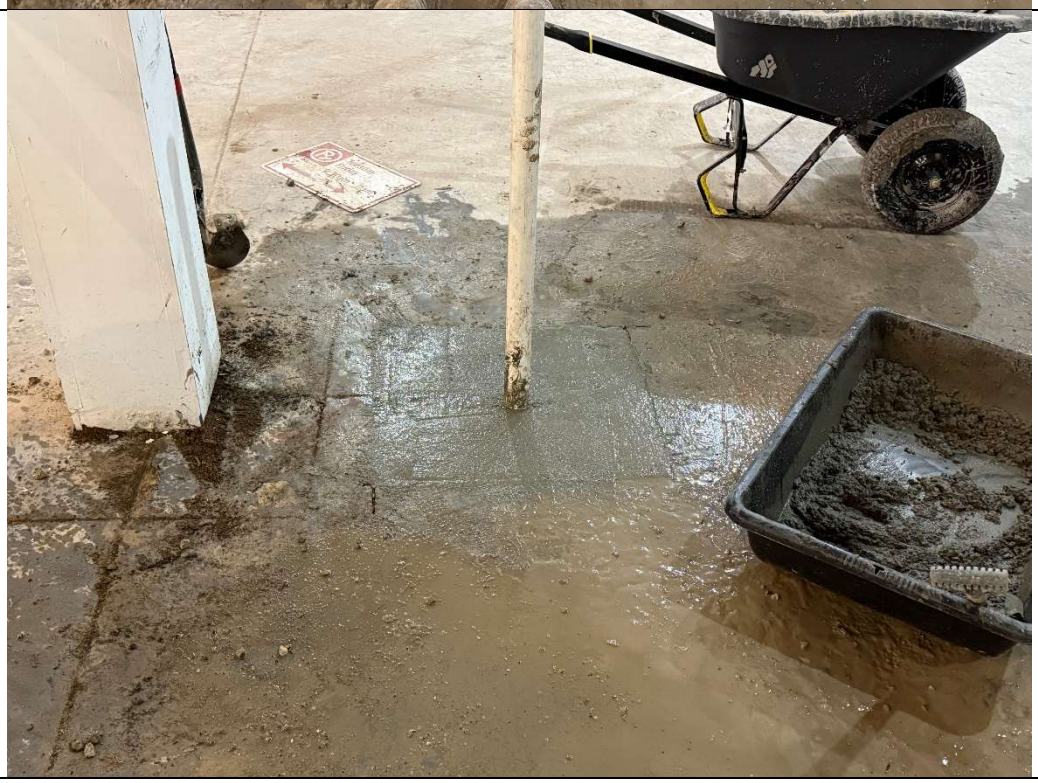
Photo 17 – Bluestone (ASTM5) backfilled within SSDS pit (V-5).		
Photo 18 – View of paved and capped new SSDS pit (V-5) after paving to match surrounding slab and capping the above-slab PVC pipe.		

Photo 19 – Containing soil in 55-gallon drums from ramp area.		
Photo 20 – Some of the 17 drums filled with concrete by the end of the first day. Drums are scheduled to be picked up next week.		

Photo 21 – 6 drums of soil filled by the end of the first day. Drums scheduled to be picked up next week.	
Photo 22 – 6 drums of soil filled by the end of the first day. Lids removed for photo and resealed after photo was taken. Drums scheduled for pickup next week.	

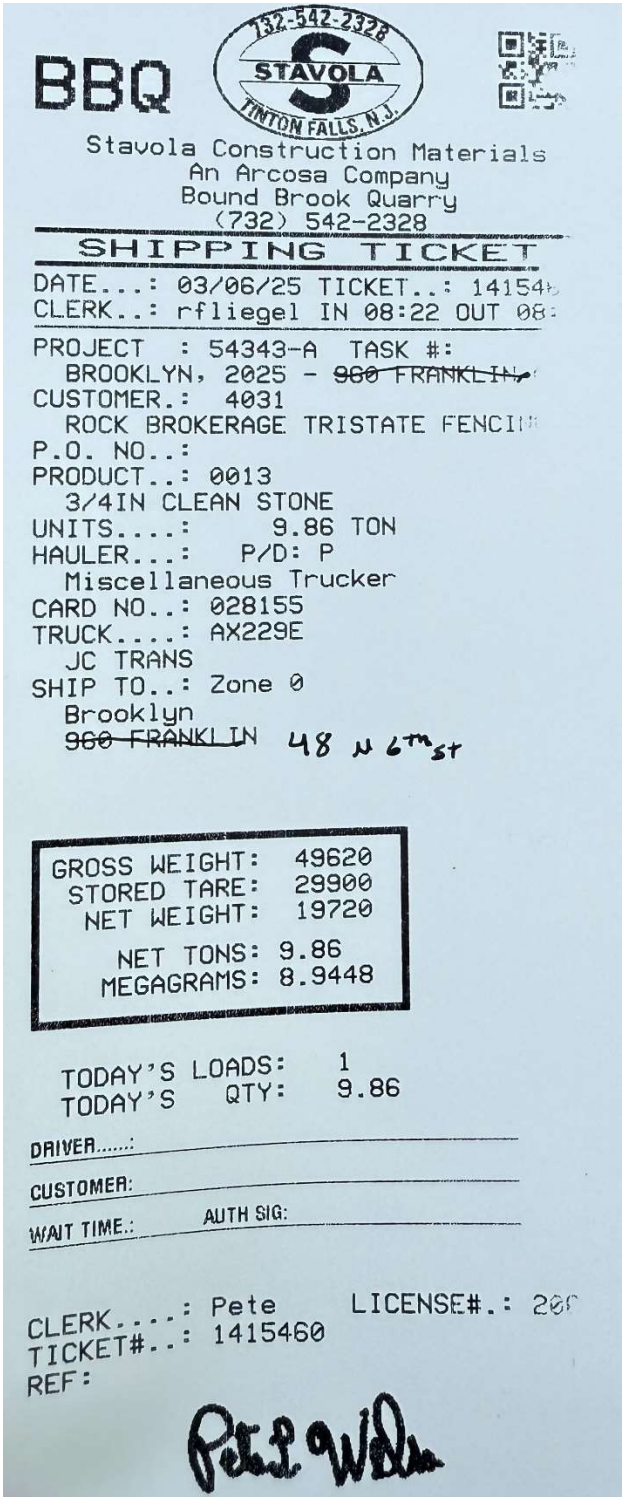
Photo 23 – Concrete patching at damaged area near depressed slab area.		
Photo 24 – Ramp area at the end of the first day.		

Daily Air Monitoring Log

Project Name: 135 Kent Ave
Date: 03/06/2025
Project Location: 135 Kent Avenue, Brooklyn, NY
BCP No: C224177
Outdoor Temperature: 49 F
Indoor Temperature: 51 F
Background Data: CS-1: PID 0.0 ppm Dust Meter 1 – 0.029 ug/m^3
CS-2: PID 0.0 ppm Dust Meter 2 – 0.033 ug/m^3
CS-3: PID 0.0 ppm Dust Meter 2 – 0.009 ug/m^3

	CAMP Station 1 (CS-1)		CAMP Station 2 (CS-2)		CAMP Station 3 (CS-3)	
Time	PID - ppm	Dust - ug/m^3	PID - ppm	Dust - ug/m^3	PID - ppm	Dust - ug/m^3
0800	0.0	0.029	0.0	0.033	0.0	0.009
0815	0.0	0.036	0.0	0.039	0.0	0.005
0830	0.0	0.042	0.0	0.048	0.0	0.003
0845	0.0	0.045	0.0	0.052	0.0	0.005
0900	0.0	0.052	0.0	0.049	0.0	0.007
0915	0.0	0.051	0.0	0.045	0.0	0.006
0930	0.0	0.058	0.0	0.056	0.0	0.005
0945	0.0	0.052	0.0	0.069	0.0	0.005
1000	0.0	0.061	0.0	0.072	0.0	0.004
1015	0.0	0.049	0.0	0.067	0.0	0.005
1030	0.0	0.055	0.0	0.058	0.0	0.010
1045	0.0	0.045	0.0	0.060	0.0	0.009
1100	0.0	0.048	0.0	0.062	0.0	0.007
1115	0.0	0.049	0.0	0.055	0.0	0.008
1130	0.0	0.052	0.0	0.049	0.0	0.006
1145	0.0	0.054	0.0	0.047	0.0	0.005
1200	0.0	0.059	0.0	0.056	0.0	0.005
1215	0.0	0.060	0.0	0.054	0.0	0.004
1230	0.0	0.055	0.0	0.057	0.0	0.005
1245	0.0	0.049	0.0	0.051	0.0	0.003
1300	0.0	0.045	0.0	0.046	0.0	0.004
1315	0.0	0.046	0.0	0.049	0.0	0.004
1330	0.0	0.062	0.0	0.051	0.0	0.004
1345	0.0	0.047	0.0	0.048	0.0	0.005
1400	0.0	0.053	0.0	0.045	0.0	0.002
1415	0.0	0.057	0.0	0.053	0.0	0.004
1430	0.0	0.063	0.0	0.059	0.0	0.004
1445	0.0	0.066	0.0	0.065	0.0	0.005
1500	0.0	0.059	0.0	0.056	0.0	0.006
1515	0.0	0.050	0.0	0.059	0.0	0.004
1530	0.0	0.049	0.0	0.056	0.0	0.007
1545	0.0	0.044	0.0	0.050	0.0	0.011
1600	0.0	0.047	0.0	0.048	0.0	0.008
1615	0.0	0.048	0.0	0.051	0.0	0.009
1630	0.0	0.051	0.0	0.047	0.0	0.006

STONE IMPORT TICKET



BBQ

732-542-2328
STAVOLA
TINTON FALLS, N.J.

Stavola Construction Materials
An Arcosa Company
Bound Brook Quarry
(732) 542-2328

SHIPPING TICKET

DATE...: 03/06/25 TICKET..: 14154
CLERK..: rfliegel IN 08:22 OUT 08:

PROJECT : 54343-A TASK #:
BROOKLYN, 2025 - ~~960 FRANKLIN~~
CUSTOMER.: 4031
ROCK BROKERAGE TRISTATE FENCI
P.O. NO..:
PRODUCT..: 0013
3/4IN CLEAN STONE
UNITS....: 9.86 TON
HAULER...: P/D: P
Miscellaneous Trucker
CARD NO..: 028155
TRUCK....: AX229E
JC TRANS
SHIP TO..: Zone 0
Brooklyn
~~960 FRANKLIN~~ 48 N 6TH ST

GROSS WEIGHT: 49620
STORED TARE: 29900
NET WEIGHT: 19720

NET TONS: 9.86
MEGAGRAMS: 8.9448

TODAY'S LOADS: 1
TODAY'S QTY: 9.86

DRIVER.....:
CUSTOMER:
WAIT TIME.: AUTH SIG:

CLERK....: Pete LICENSE#.: 20
TICKET#..: 1415460
REF:

Pete Wilson

DRUM MANIFESTS/PACKAGING SLIPS
(No Drums Collected Today)

Number of Drum Removed to Date	Shipment Date	Manifest /Packaging Slip Number	Transporter Name/Truck Name	Off-Site Disposal Facility	Material Type (Concrete, Soil, Haz Soil, etc)	Estimated Quantity (Gallons & CY) 55-Gallons = 0.27 CY
1				Veolia North America		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

DAILY STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 7, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite, Signature Acknowledgements Required After Morning Tailgate Meeting
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed:

- 15 new 55-gallon sealable drums were delivered to the Site on the morning of Friday, 3/7/2025.
- Installation of SSDS Pit, V-3, V-4, and V-7 (see locations on Figure 1 on the following page). Pits were sawcut (2.5 ft long by 2.5 ft wide and 3.5 ft deep) and concrete and soil were removed. Pits were then filled with stone and a 2-inch diameter PVC pipe was installed within the stone layer before paving the surface to match the surrounding slab-on-grade foundation. The PVC pipe was capped before turning off the negative air machine and removing the enclosure. Concrete and soil from pits were stored in separate sealable 55-gallon drums.
- Continued removal of approx. 2-4 inches of soil in ramp area. All soil from the ramp area was stored in sealable 55-gallon drums.
- SSDS pit installation and ramp work was completed within enclosures with 2 layers of 6-mil poly sheeting and a negative air machine with HEPA filters.
- 1 sealable 55-gallon drum of concrete and 2 drums of soil were filled with soil from the ramp area today. (To date, a total of 17 sealable 55-gallon drums of concrete and 3 drums of soil were filled with soil from the ramp area.)
- 4 drums of soil and 2 drums of concrete were filled during the installation of SSDS pits V-4, V-7, and V-3 today.
- To date, a total of thirty-two (32) 55-gallon drums were filled in total during all activities; 20 drums of concrete and 12 drums of soil have been filled during all activities. The concrete and soil drums were segregated.
- Conducted Air Monitoring (CAMP) was conducted with three (3) separate air monitoring stations. Each station was equipped with a dust/particulate counter (PM2.5 & PM10) and a PID for total VOCs monitoring. Two CAMP stations (CS-1 & CS-2) were located within the work area on the first floor (one near the ramp and one near the SSDS pits). A third station (CS-3) was located on the second floor within the hallway at the top of the landing to ensure no dust or PIDs were detected outside the residential spaces.
- The ramp area was paved over and the enclosure over the ramp area was disassembled.
- A steel plate was encountered in the depressed slab area within the vicinity of V-8. We are having internal discussions between the remedial engineer and the client. We will contact DEC to discuss options regarding the relocation or omission of V-8 after this has been fully evaluated.

Working Areas: The ramp on the northeast portion of the first floor and new SSDS pit locations, V-4, V-7, and V-3.

Samples Collected (Since Last Report): Waste Characterization samples for soil and concrete were collected on 2/24/2025. Additional analysis for TCLP Lead was requested but confirmed to be non-haz for lead.

Disposal Classification: The waste char results and the results from prior investigations have been reviewed, and the soil and concrete waste will be assigned waste code "**D039**". This Is the EPA Hazardous Waste Number for the Contaminant, Tetrachloroethylene (PCE). Even though the concrete has low to non-detect levels of TCE, it will still be disposed of as D039 and will be microencapsulated (Process CodeL LF24). Soil will be treated/ stabilized via Process Code OT46.
Due to the high levels of total PCE a "Contained In" determination will be submitted the following week.

Air Monitoring (Since Last Report):
Air Monitoring was conducted at the locations shown in Figure 2A (first floor) and Figure 2B (second floor).
CAMP Station 1 – Background (0.0 ppm / 0.050 ug/m^3)
CAMP Station 1 – Maximum (0.0 ppm / 0.065 ug/m^3)
CAMP Station 2 – Background (0.0 ppm / 0.047 ug/m^3)
CAMP Station 2 – Maximum (0.0 ppm / 0.070 ug/m^3)
CAMP Station 3 – Background (0.0 ppm / 0.007 ug/m^3)
CAMP Station 3 – Maximum (0.0 ppm / 0.010 ug/m^3)

Problems Encountered:

1. A steel plate was encountered during the attempt to install SSDS pit, V-8. Two additional probes were installed across the depressed slab area and the metal plate was found to cover a majority of the depressed slab area. As such, SSDS pit, V-8 was not installed for now.

2. Drum labels were not delivered during the drum delivery. Rock Enviro contacted the drum provider and requested that drum labels are delivered ASAP. The provider sent the drum labels via overnight delivery and will arrive at Rock Enviro on Monday, 3/10. Rock Enviro will label the drums first thing Tuesday morning.

Planned Activities for the Next Day/ Week:

- Continuation of air monitoring and oversight, for the duration of concrete/soil work.
- Drums are scheduled to be picked up for disposal next week. The disposal facility reviewed additional TCLP Lead analysis and found lead levels to be non-haz. Based upon their review of soil and concrete data, soil and concrete drums will be classified/ labeled D039 (haz waste code for PCE).
- The installation of above-slab piping will commence tomorrow. The piping for the new SSDS pits will be installed to the point where it can be tied into the existing overhead piping. However, it will be capped until the existing SSDS pits, V-3, V-4 and V-5 are removed.
- An electrician is scheduled to run an electric line to the rooftop capable of running the blower to avoid any delays in getting the SSDS operational after the relocation of the SSDS equipment. The electrician should be completing this work on Tuesday, 3/11 or Weds, 3/12.
- The SSDS will continue to operate uninterrupted until the SSDS equipment (blower, GAC drums, etc) are relocated to the rooftop sound enclosure.
- The SSDS equipment relocation will be completed after the electrician installs a power source for the blower on the rooftop.

Figure 1 - Work Areas (SSDS Pits & Ramp Area)

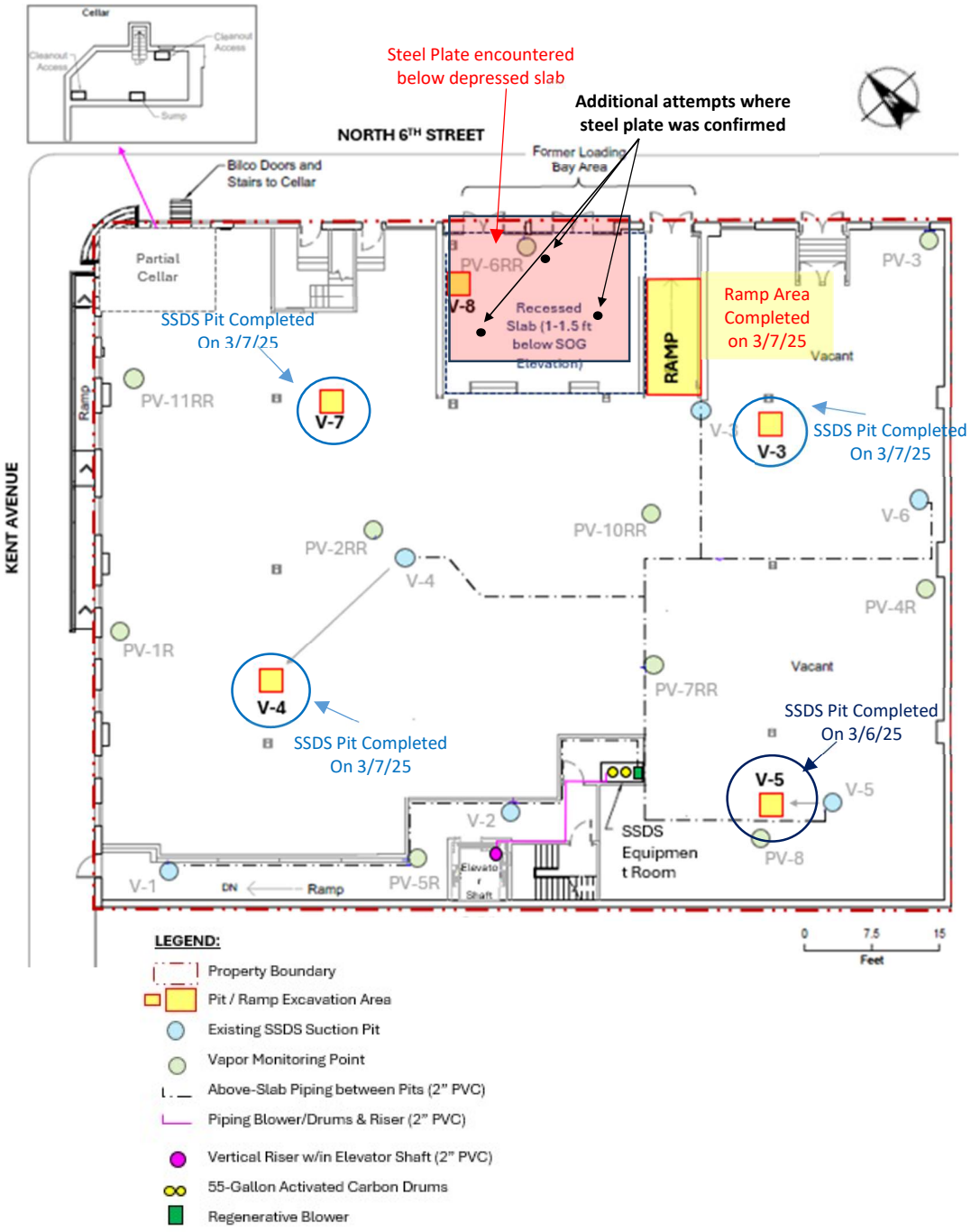


Figure 2A – Air Monitoring Station Locations (First Floor)

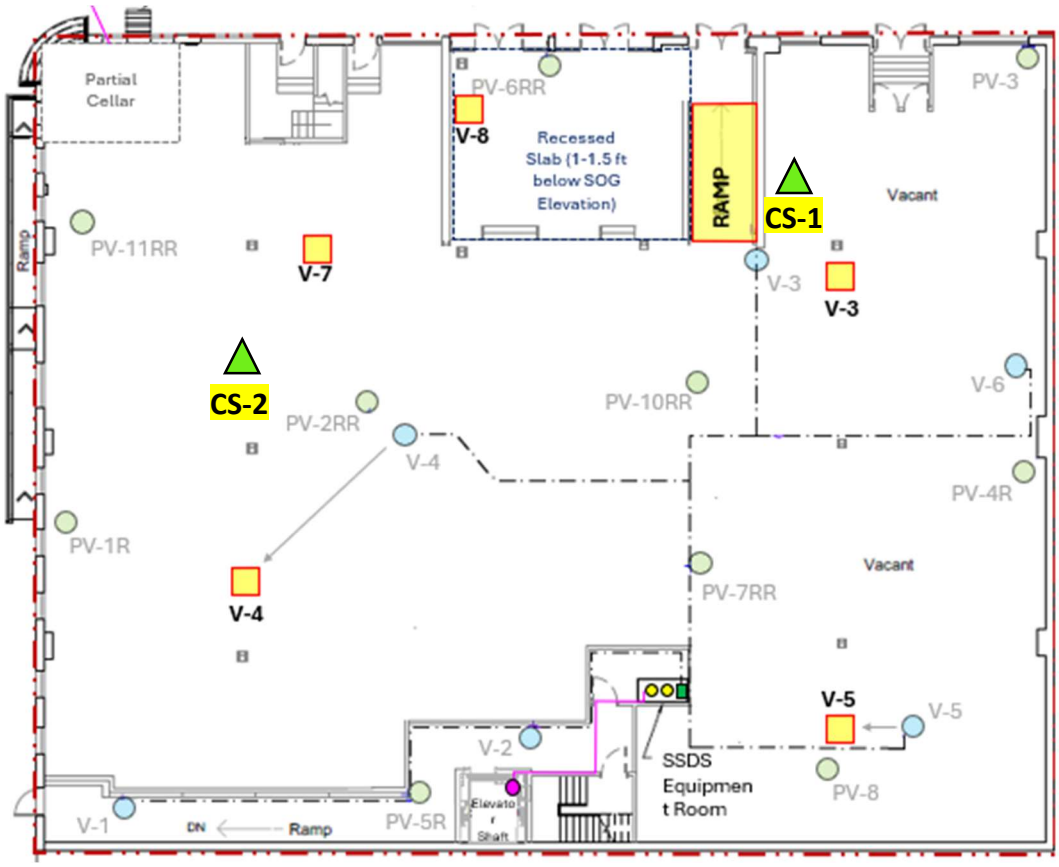
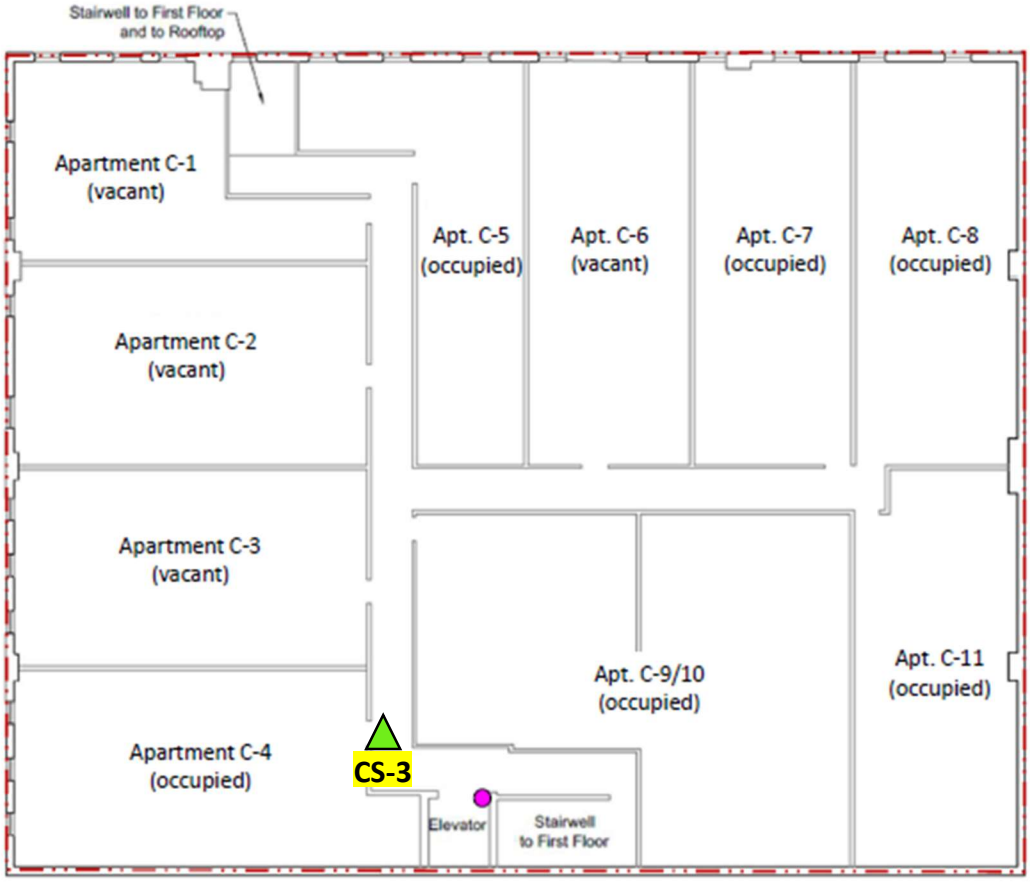


Figure 2B – Air Monitoring Station Locations (Second Floor)



= CAMP STATION LOCATION

Photo Log

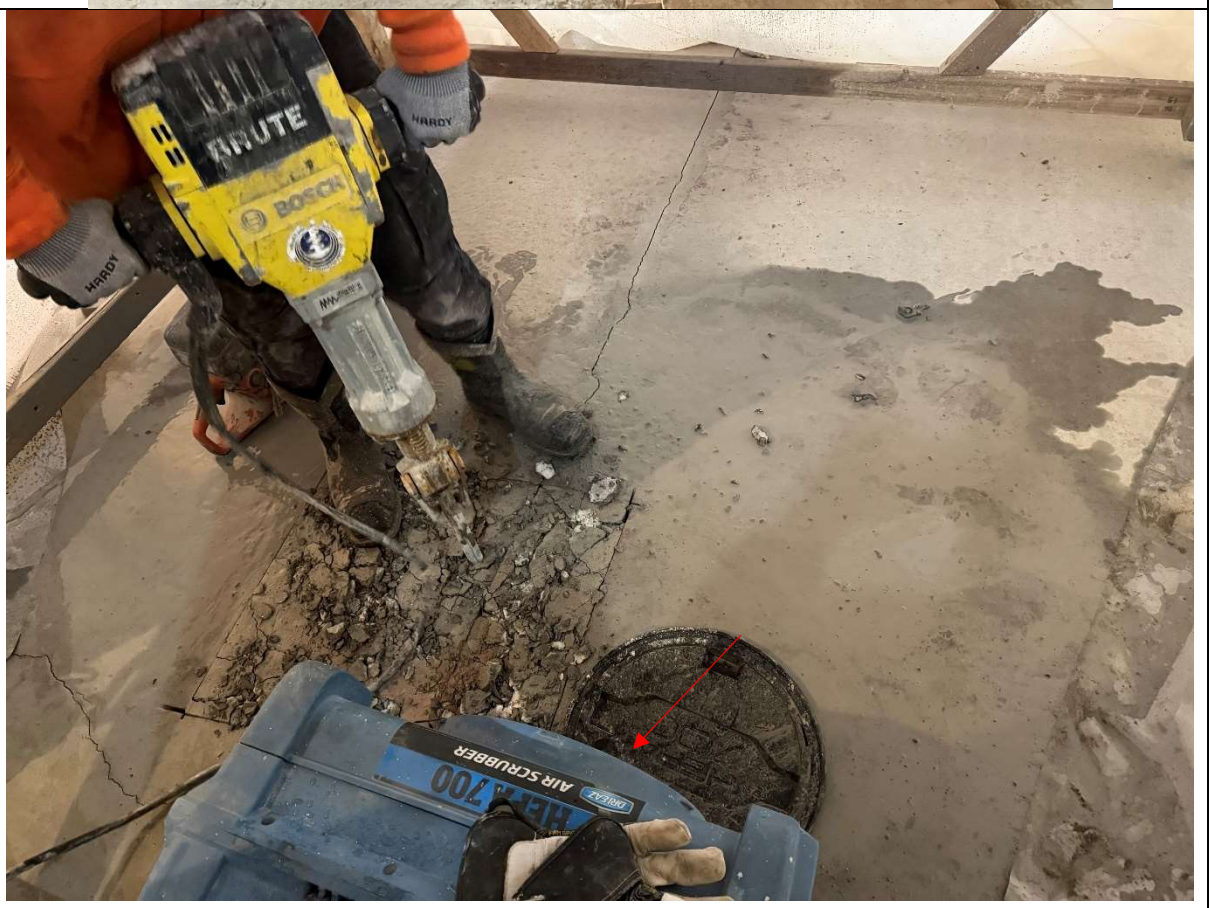
Photo 1 – ¾” bluestone (ASTM5) used as sub-base layer for former ramp area.	
Photo 2 – SSDS pit, V-5, being prepared with negative air machine & HEPA filter directly next to slab opening.	

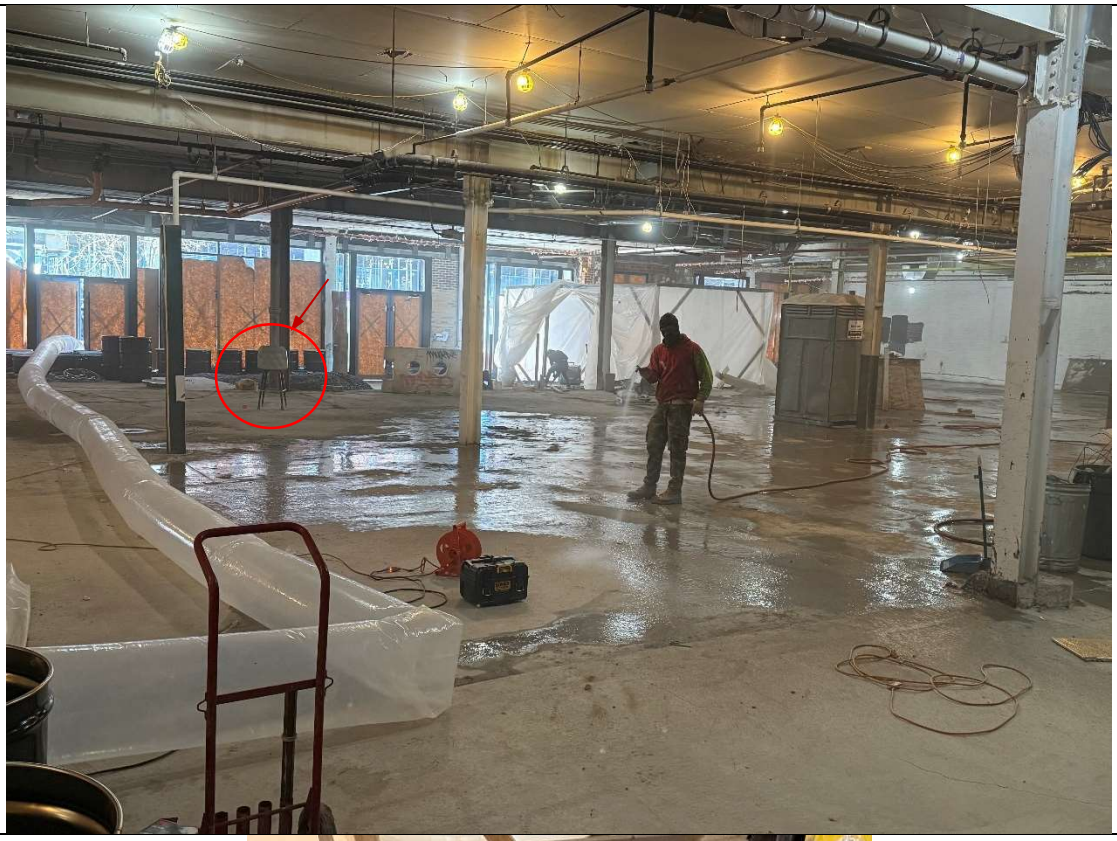
Photo 3 – Water application throughout site for dust mitigation and CAMP station (CS-2) shown.	
Photo 4– Containing concrete in 55-gallon drum from SSDS pit.	

Photo 5 – Containing soil in 55-gallon drums from SSDS pit.		
Photo 6 – Soil being removed from SSDS pit.		

Photo 7 – Bluestone (ASTM5) backfilled within SSDS pit.	
Photo 8 – View of paved and capped new SSDS pit (V-4) after paving to match surrounding slab and capping the above-slab PVC pipe.	

Photo 9 – SSDS pit (V-7) being prepared showing negative air machine with HEPA filter.	
Photo 10 – 3.5 foot depth confirmed at SSDS pit.	

Photo 11 – Bluestone (ASTM5) backfilled within SSDS pit.	
Photo 12 – View of new SSDS pit (V-7) after paving to match surrounding slab and capping the above-slab PVC pipe.	

Photo 13 – Concrete paved over former ramp area and enclosure disassembled after paving.		
Photo 14 – SSDS pit (V-3) being prepared showing negative air machine with HEPA filter.		

Photo 15 – 2.5x2.5x3.5 foot SSDS pit (V-3) removed saw-cut concrete and soil.		
Photo 16 – Bluestone (ASTM5) backfilled within SSDS pit.		

Photo 17 – View of paved and capped new SSDS pit (V-5) after paving to match surrounding slab and capping the above-slab PVC pipe.		
Photo 18 – CAMP station (CS-1) located by ramp enclosure.		

Photo 19 – CAMP station (CS-3) located on second floor.		
Photo 20 – Some of the drums filled from SSDS pits today. These were segregated and stored in secure area at the end of the day.		

Photo 21 – 17 total drums of concrete filled the ramp area. These were stored in a locked and secure area at the end of the day.		

Daily Air Monitoring Log

Project Name: 135 Kent Ave
Date: 03/07/2025
Project Location: 135 Kent Avenue, Brooklyn, NY
BCP No: C224177
Outdoor Temperature: 43 F
Indoor Temperature: 48 F
Background Data: CS-1: PID 0.0 ppm Dust Meter 1 – 0.050 ug/m^3
CS-2: PID 0.0 ppm Dust Meter 2 – 0.047 ug/m^3
CS-3: PID 0.0 ppm Dust Meter 2 – 0.007 ug/m^3

	CAMP Station 1 (CS-1)		CAMP Station 2 (CS-2)		CAMP Station 3 (CS-3)	
Time	PID - ppm	Dust - ug/m^3	PID - ppm	Dust - ug/m^3	PID - ppm	Dust - ug/m^3
0800	0.0	0.050	0.0	0.047	0.0	0.007
0815	0.0	0.045	0.0	0.042	0.0	0.003
0830	0.0	0.064	0.0	0.068	0.0	0.009
0845	0.0	0.050	0.0	0.051	0.0	0.005
0900	0.0	0.048	0.0	0.044	0.0	0.002
0915	0.0	0.063	0.0	0.065	0.0	0.008
0930	0.0	0.046	0.0	0.048	0.0	0.004
0945	0.0	0.055	0.0	0.053	0.0	0.006
1000	0.0	0.043	0.0	0.040	0.0	0.001
1015	0.0	0.065	0.0	0.070	0.0	0.010
1030	0.0	0.058	0.0	0.059	0.0	0.007
1045	0.0	0.044	0.0	0.041	0.0	0.003
1100	0.0	0.052	0.0	0.050	0.0	0.005
1115	0.0	0.061	0.0	0.067	0.0	0.009
1130	0.0	0.047	0.0	0.045	0.0	0.002
1145	0.0	0.060	0.0	0.064	0.0	0.008
1200	0.0	0.049	0.0	0.049	0.0	0.004
1215	0.0	0.054	0.0	0.055	0.0	0.006
1230	0.0	0.043	0.0	0.043	0.0	0.001
1245	0.0	0.065	0.0	0.069	0.0	0.010
1300	0.0	0.059	0.0	0.060	0.0	0.007
1315	0.0	0.045	0.0	0.046	0.0	0.003
1330	0.0	0.062	0.0	0.066	0.0	0.009
1345	0.0	0.051	0.0	0.052	0.0	0.005
1400	0.0	0.046	0.0	0.047	0.0	0.002
1415	0.0	0.064	0.0	0.063	0.0	0.008
1430	0.0	0.053	0.0	0.054	0.0	0.004
1445	0.0	0.056	0.0	0.056	0.0	0.006
1500	0.0	0.043	0.0	0.040	0.0	0.001

DRUM MANIFESTS/PACKAGING SLIPS
(No Drums Collected Today)

Number of Drum Removed to Date	Shipment Date	Manifest /Packaging Slip Number	Transporter Name/Truck Name	Off-Site Disposal Facility	Material Type (Concrete, Soil, Haz Soil, etc)	Estimated Quantity (Gallons & CY) 55-Gallons = 0.27 CY
1				Veolia North America		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

DAILY STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 10, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite, Signature Acknowledgements Required After Morning Tailgate Meeting
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed:

- Installation of above-slab piping associated with the new SSDS pits. The piping was installed to the point where it can be tied into the existing overhead piping. This will be completed on the following day (3/11/2025). All new piping will remain capped until it is connected to the existing overhead piping. The former SSDS pits (V-3, V-4 & V-5) are still connected but will be disconnected and abandoned tomorrow.
- No intrusive work was done today, and all slab openings have been paved over, so there was no CAMP completed today.
- We received drum labels late in the day (4:30pm on 3/10/2025) via FedEx overnight. I instructed our technician to label the drums on the morning of 3/11/2025 while the rest of the overhead piping was under completion. We will include photos of labeled drums in tomorrow's DSR.
- SSDS pit, V-8, cannot be installed in the depressed slab area so it has been omitted from the scope for now. We plan to evaluate the effectiveness of the system via differential pressures at monitoring points a few days after the SSDS equipment is relocated to the rooftop.

Working Areas: The entire first floor. Work today consisted of the installation of overhead piping.

Samples Collected (Since Last Report): Waste Characterization samples for soil and concrete were collected on 2/24/2025. Results available upon request.

Disposal Classification: The waste char results and the results from prior investigations have been reviewed, and the soil will be assigned waste code "D039". This Is the EPA Hazardous Waste Number for the Contaminant, Tetrachloroethylene (PCE). Soil will be treated/ stabilized via Process Code OT46. As such, a "Contained In" Determination will not be needed for soil.
I have submitted the sample results from the slab/concrete characterization to DEC for a determination that the concrete should be disposed of as non-hazardous material based upon the characterization results.

Air Monitoring (Since Last Report):
No air monitoring completed, as there was no intrusive work today. Only overhead piping work completed today.

Problems Encountered:

1. A steel plate was encountered during the attempt to install SSDS pit, V-8, on 3/7/2025. Three additional probes were installed across the depressed slab area and the metal plate was found to cover a majority of the depressed slab area. As such, SSDS pit, V-8 was not installed (see photo exhibit 1).
2. Rock Enviro received drum labels today at 4:30PM via FedEx (Monday, 3/10/2025). Rock Enviro labeled the drums on 3/11/2025 and photos of the labeled drums will be provided in the next DSR from 3/11/2025.

Planned Activities for the Next Day/ Week:

- The piping associated with the new SSDS pits will be connected to the active system's overhead piping. The new piping was completed to the point where it meets the existing overhead piping. However, it was not connected today.
- All new piping will remain capped until it is connected to the existing overhead piping.
- The former SSDS pits (V-3, V-4 & V-5) will be disconnected and abandoned tomorrow after the new/replacement SSDS pits are connected to the active overhead piping.
- The former SSDS pits (V-3, V-4 & V-5) will be removed and paved over to match the surrounding slab foundation.
- Drums are scheduled to be picked up for disposal next week. They are in a secure/locked location for now.
- Drums will be labeled tomorrow morning (3/11/2025).
- The installation of above-slab piping will likely be completed tomorrow. All new SSDS pits will be tied into the system and the former pits will be disconnected and abandoned.
- Ball valves and airflow ports will be installed above grade at all new SSDS pits.
- Pressure gauges will be installed below the ball valve at all 7 SSDS pits (new and existing).
- An electrician is scheduled to run an electric line to the rooftop capable of running the blower to avoid any delays in getting the SSDS operational after the relocation of the SSDS equipment. The electrician is scheduled to complete this work on Thursday, 3/13.

- Rock Enviro will return to relocate the SSDS equipment after receiving confirmation that the electric line has been installed at the sound enclosure location on the rooftop.
- The SSDS will continue to operate uninterrupted until the SSDS equipment (blower, GAC drums, etc) are relocated to the rooftop sound enclosure.

Figure 1 - Work Areas (SSDS Pits & Ramp Area)

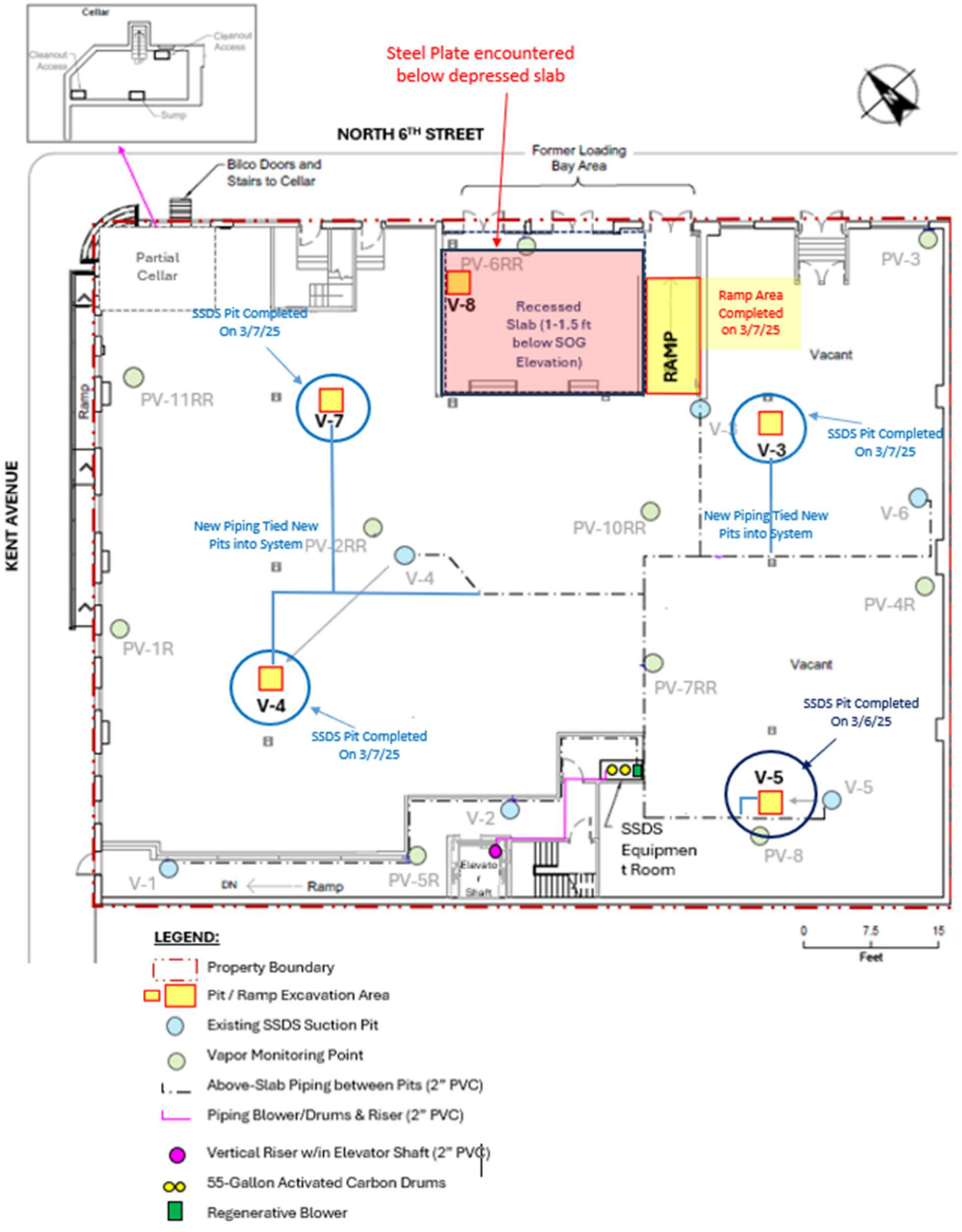


Photo Log

Photo 1 – View of V-8 location from prior day (3/7/2025) submitted as evidence that a steel plate is present below the depressed slab area.	
Photo 2 – Abandoned pit location, V-8 after being paved over.	

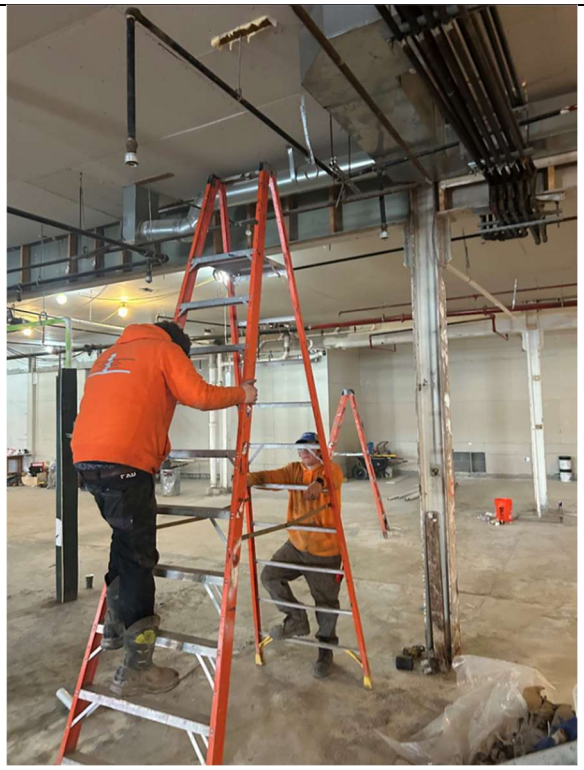
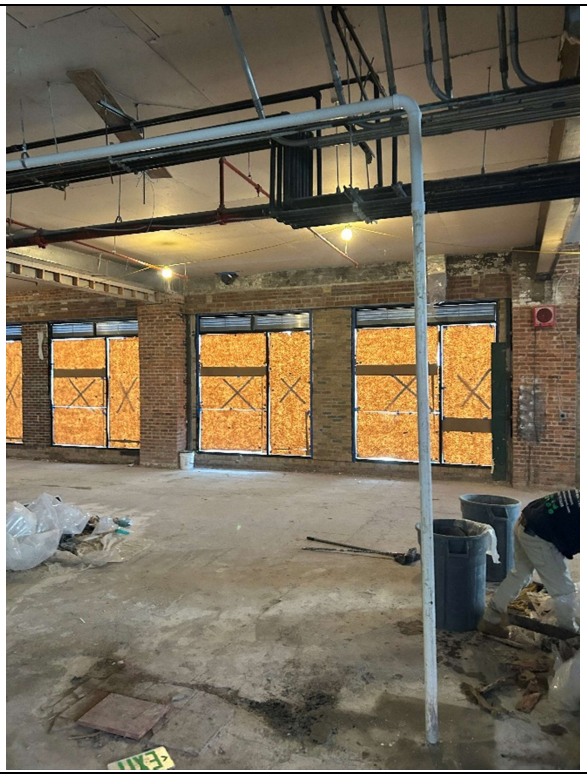
Photo 3 – Water application throughout site for dust mitigation and CAMP station (CS-2) shown.	
Photo 4– Piping installed at new SSDS pit, V-7.	

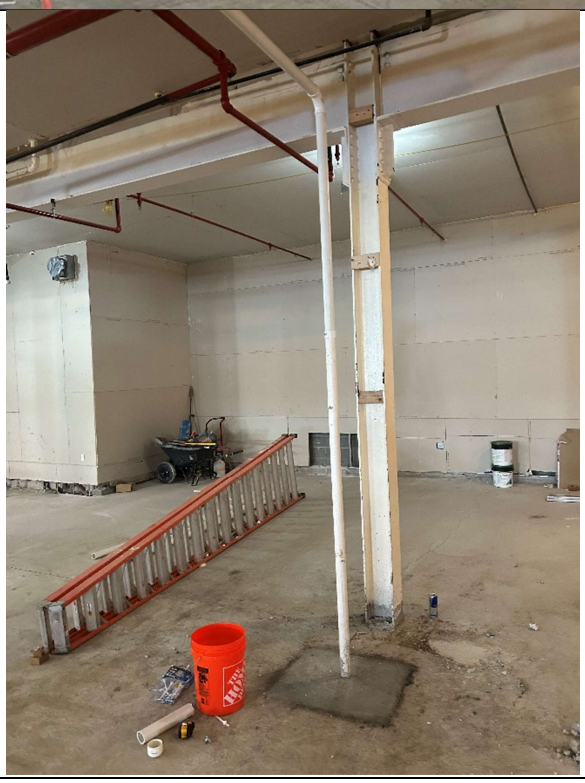
Photo 5 – Piping installed at replacement SSDS pit, V-4.	
Photo 6 – Close up of piping installed at replacement SSDS pit, V-4.	

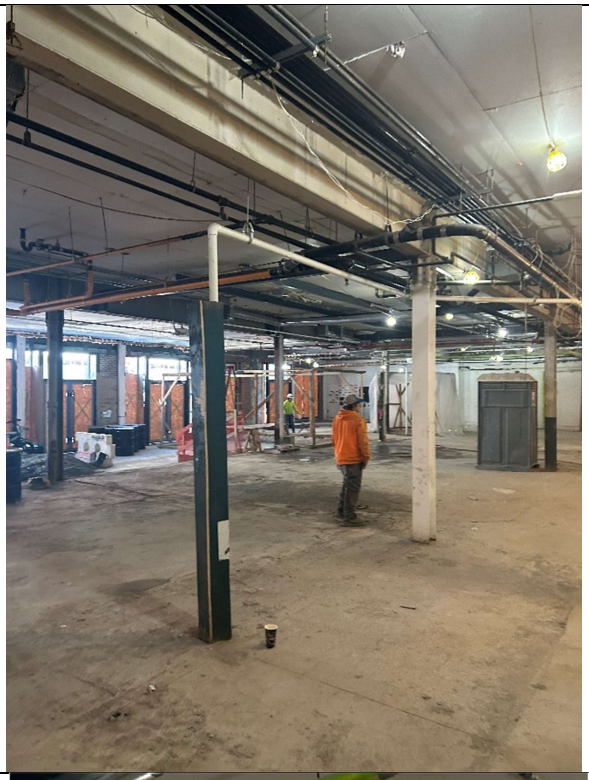
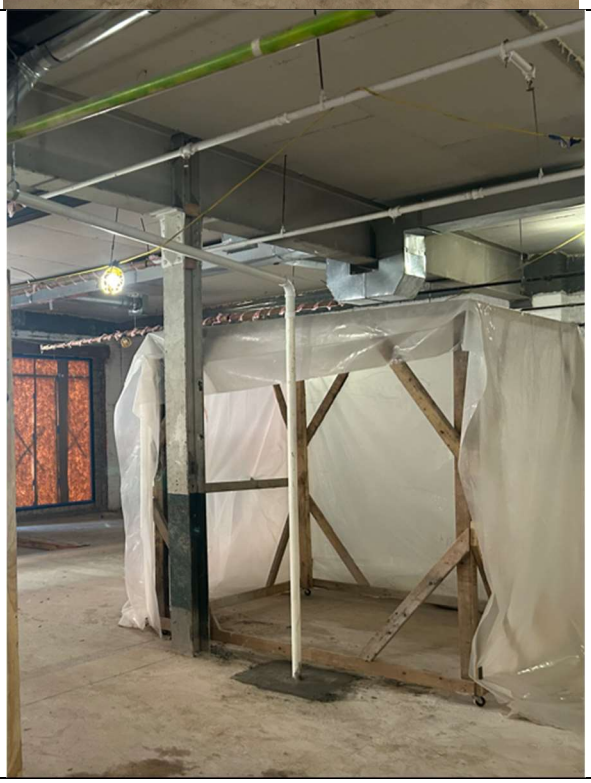
Photo 7 – Existing SSDS pit, V-4, to be replaced tomorrow after new pit's overhead piping is connected.		
Photo 8 – Piping installed at replacement SSDS pit, V-3.		

Photo 9 – Piping installed above new/ replacement SSDS pit, V-5. Existing SSDS pit, V-5, shown in background.	
Photo 10 – Ramp area pavement cured.	

DRUM MANIFESTS/PACKAGING SLIPS
(No Drums Collected Today)

DAILY STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 11, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite, Signature Acknowledgements Required After Morning Tailgate Meeting
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed:

- Above-slab piping associated with the new SSDS pits was tied into the existing overhead piping.
- The former SSDS pits (V-3, V-4 & V-5) were disconnected and abandoned. The pits were saw cut to slab grade and paved over using non-VOC containing grout.
- No intrusive work was done today, and all slab openings have been paved over, so there was no CAMP completed today.
- All drums were labeled on the evening of 3/10/2025. The drum labels clearly state that drums contain "HAZARDOUS WASTE" and EPA Waste ID F002 was assigned to each label along with the Site and generator info.
- Ball valves and airflow monitoring ports were installed at all new SSDS Pits (V-3, V-4, V-5 & V-7).

Working Areas: The entire first floor. Work today consisted of tying in the piping associated with the new SSDS pits and disconnecting and abandoning the old SSDS pits.

Samples Collected (Since Last Report): Waste Characterization samples for soil and concrete were collected on 2/24/2025. Results available upon request.

Disposal Classification: The waste char results and the results from prior investigations have been reviewed, and the soil and concrete were assigned waste code F002 (spent halogenated solvents).
A RCRA Subtitle C Site Identification Form was submitted to USEPA, and an EPA ID Number is pending. The EPA ID Number will be added to the drum labels and all waste tracking documents.

Air Monitoring (Since Last Report):
No air monitoring completed, as there was no intrusive work today. Only overhead piping work completed today.

Problems Encountered:

1. The gauges delivered for use in the above slab piping between the SSDS pits and ball valves were the wrong model. New magnehelic gauges were ordered and should be delivered on 3/13/2025 ready for installation on 3/14/2025 during the SSDS equipment relocation work.
2. There is currently no power source on the rooftop for the blower, so the SSDS equipment relocation work has been postponed until this is completed. The electrician is scheduled to complete this work on 3/13/2025 and will return on the afternoon of 3/14/2025 to assist the technicians with properly connecting the blower to the new power source.

Planned Activities for the Next Day/ Week:

- The electrician is scheduled to run an electric line to the sound enclosure location on the rooftop on 3/13/2025 and will return on the afternoon of 3/14/2025 to assist the technicians with properly connecting the blower to the new power source.
- The SSDS equipment relocation work is scheduled for Friday, 3/14/2025. We have closely looked at the equipment in the existing SSDS equipment room and created a materials list for items needed to complete the work.
- New magnehelic gauges were ordered and should be ready for installation on Friday during the SSDS equipment relocation work.
- Drums are scheduled to be picked up for disposal next week (3/19/2025). However, a sooner date has been requested, and they may be removed from the Site sooner. Drums have sealable lids and are currently located in a secure/locked location.
- The SSDS will continue to operate uninterrupted until the SSDS equipment (blower, GAC drums, etc.) is relocated to the rooftop sound enclosure. It is anticipated that the SSDS will only need to be turned off for a maximum of 5-6 hours. This work will be completed expeditiously to minimize the amount of time that the system is turned off.

Figure 1 - Work Areas (SSDS Pits & Ramp Area)

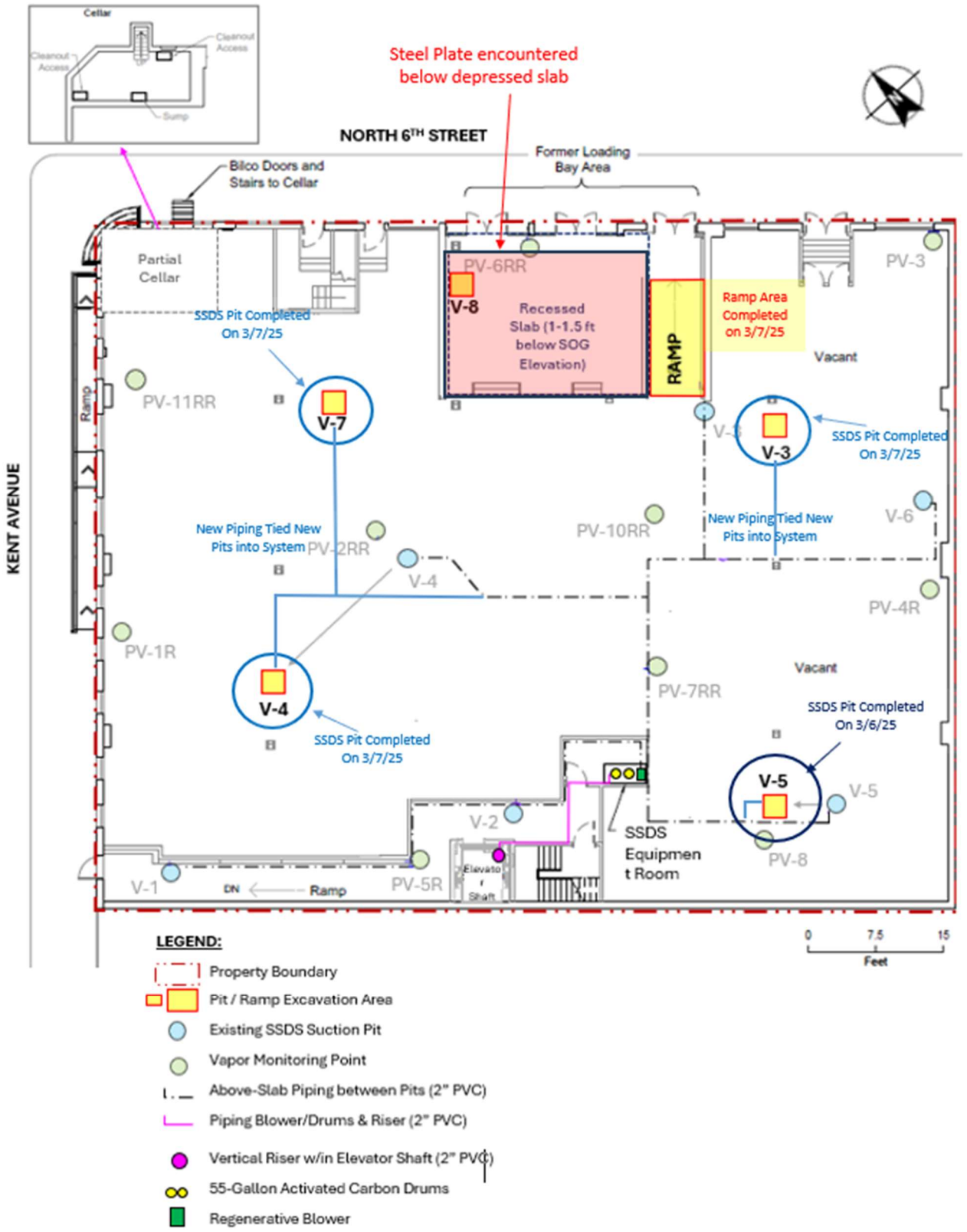


Photo Log

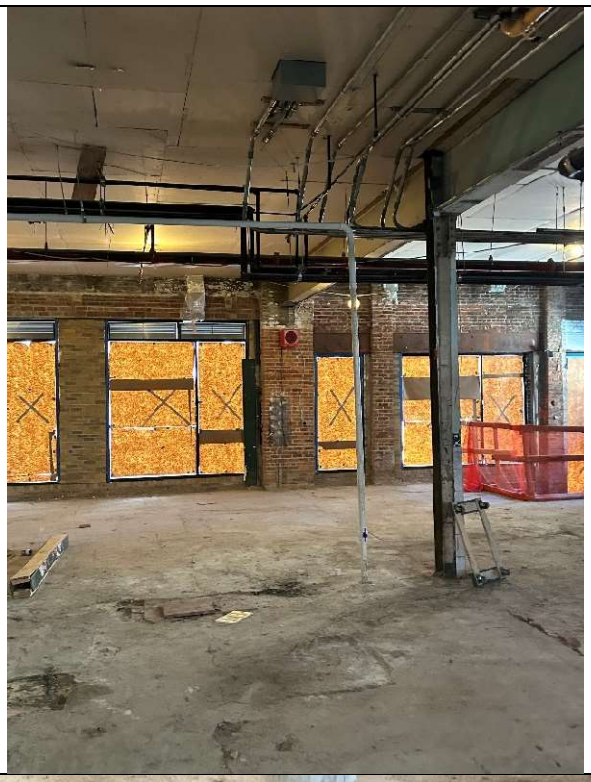
Photo 1 – View of SSDS pit, V-7, with new overhead piping.	
Photo 2 – Ball valve and airflow monitoring port added to new pit, V-7.	

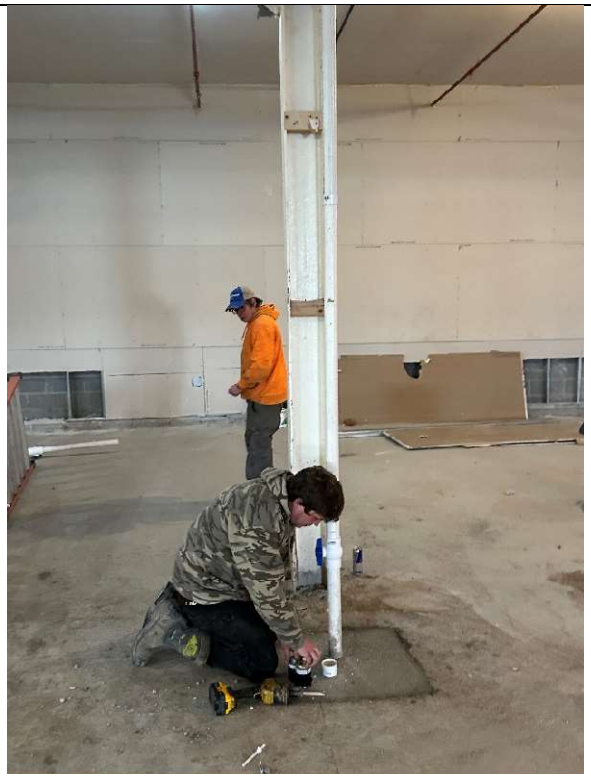
Photo 3 – Installing ball valve and airflow monitoring port at V-4.	
Photo 4– New/ replacement SSDS pit, V-5, tied into the system and the former V-5 was abandoned.	

Photo 5 – New/ replacement SSDS pit, V-3, tied into the system and the former V-3 was abandoned.	
Photo 6 – Ball valve and airflow monitoring port added to new pit, V-7.	 **CLOSE-UP VIEW**

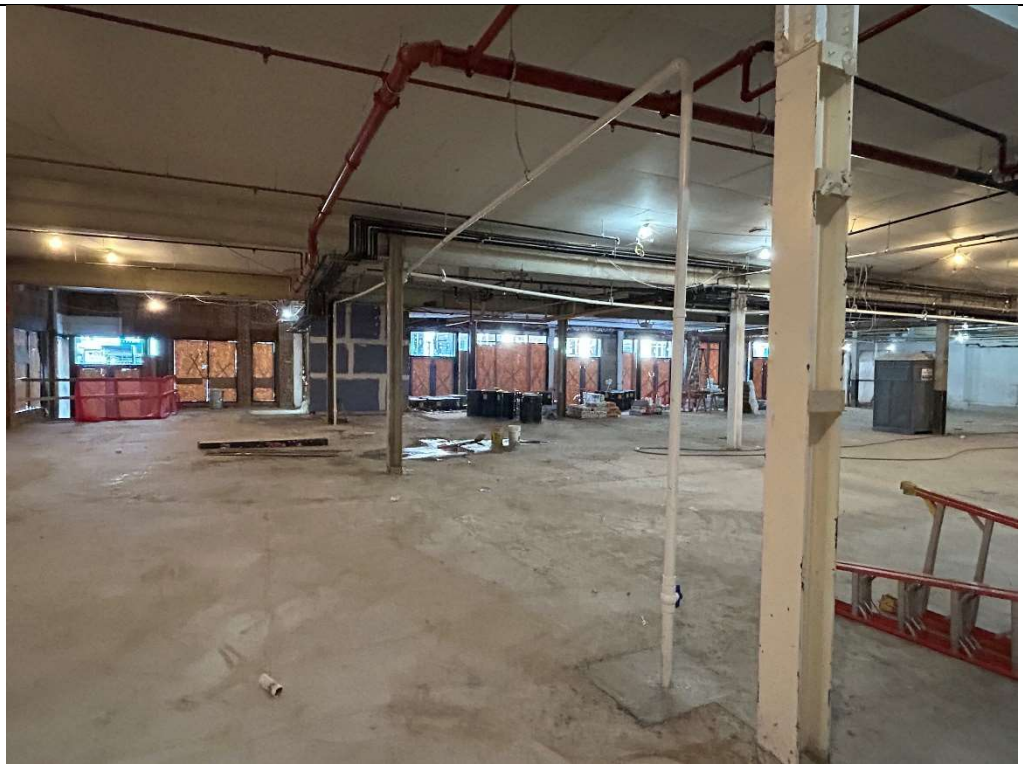
Photo 7 – Abandoned SSDS pit location, V-3.	
Photo 8 – Overhead piping connected between V-4 & V-7.	

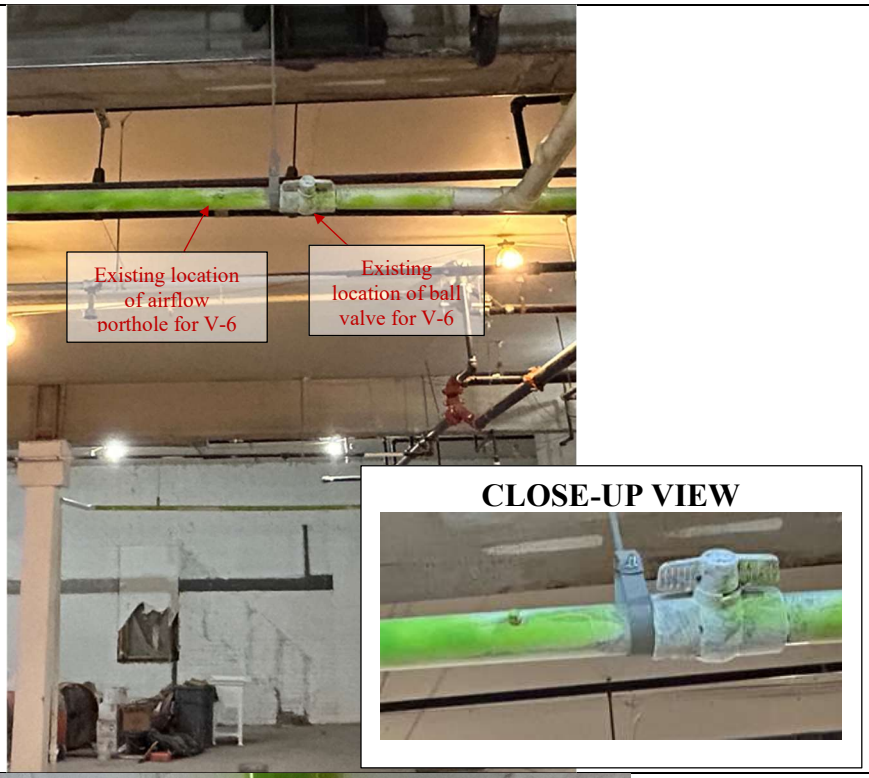
Photo 9 – The former location of ball valve and airflow port for V-6 located in overhead piping 10 ft above slab grade and approx. 70 ft from SSDS pit, V-6.	
Photo 10 – New ball valve and airflow porthole added at 2-4 ft above slab grade at SSDS pit, V-6. This will avoid having to use a 12-14 ft tall ladder to collect measurements during future monitoring events.	

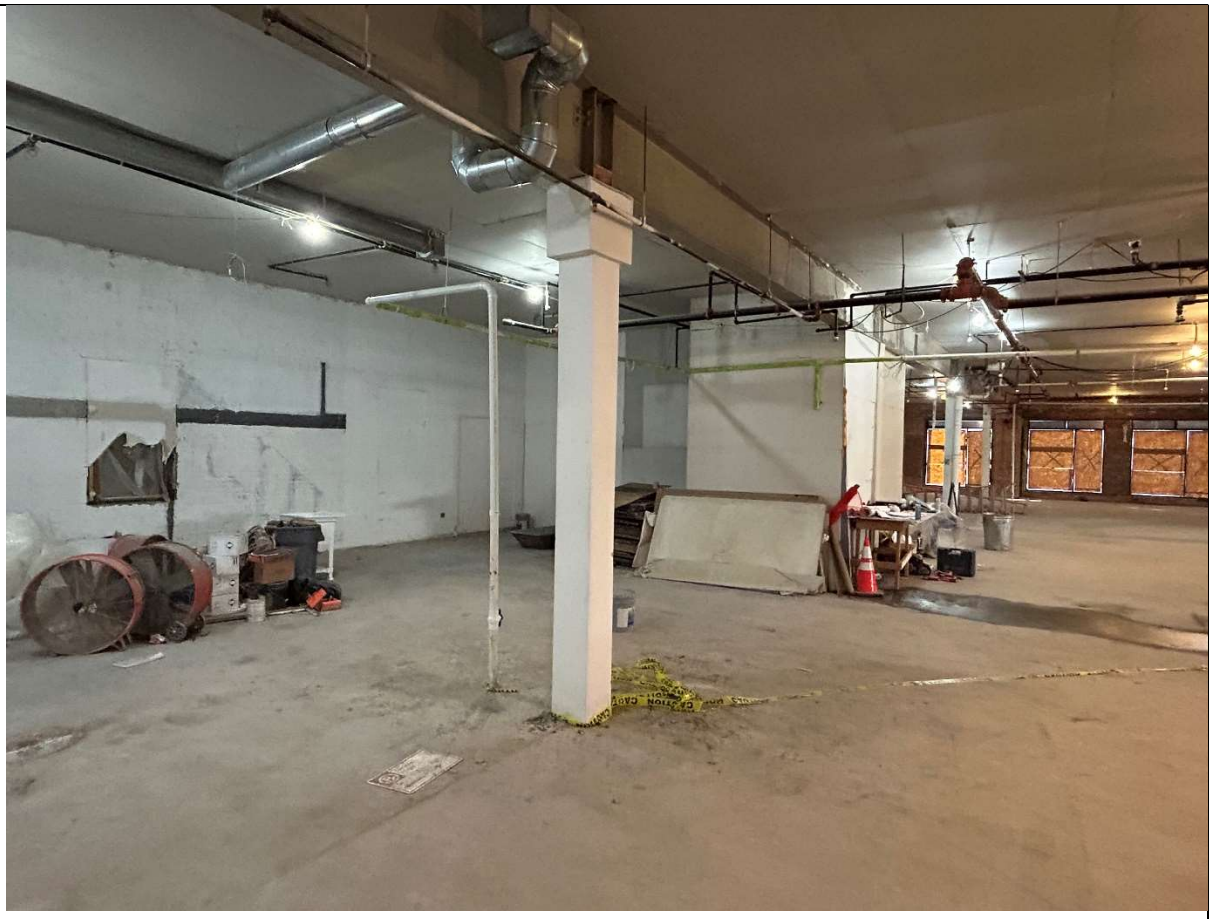
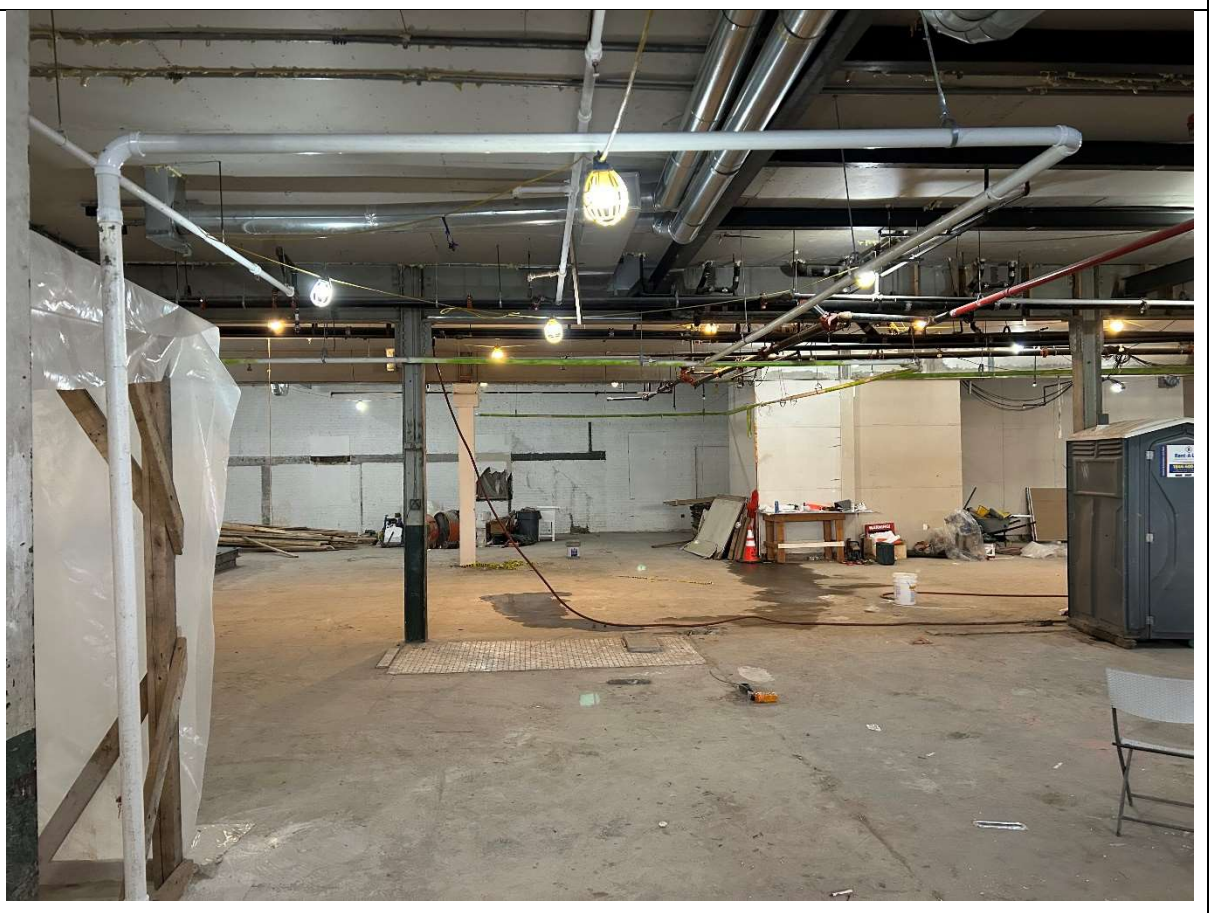
Photo 11 – System piping completed between the new/ replacement SSDS pit, V-5, and the equipment room.	
Photo 12 – System piping completed between the new/ replacement SSDS pit, V-3, and the equipment room.	

Photo 13 – Labeled drums with secured lids in a locked/secure portion of the building.	
Photo 14 – Labeled drums with secured lids in a locked/secure portion of the building.	

Photo 15 – Close view of labeled drums clearly stating that they contain Hazardous Waste.	

DRUM MANIFESTS/PACKAGING SLIPS
(No Drums Collected Today)

DAILY STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 14, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite, Signature Acknowledgements Required After Morning Tailgate Meeting
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed:

- Established electrical connections for the system within the sound enclosure.
- Installed the sound enclosure at the designated location on the roof.
- Relocated SSDS equipment into the sound enclosure.
- Completed plumbing connections for the SSDS on the roof.
- Replaced activated carbon in the drums.
- System was activated at the end of the workday.
- Sound enclosure was installed on top of vibration reducing pads.

Working Areas: Equipment room and the roof

Samples Collected (Since Last Report): No samples collected.

Disposal: Drums are currently labeled and stored in a locked and secure location.

Air Monitoring (Since Last Report):
No air monitoring completed, as there was no intrusive work today. Only equipment relocation work was completed today.

Problems Encountered:

1. The gauges delivered for use in the above slab piping between the SSDS pits and ball valves were the wrong model. New magnehelic gauges were ordered and the shipment was delayed. These will be installed the following week.

Planned Activities for the Next Day/ Week:

- New magnehelic gauges will be installed.
- Drums are scheduled to be picked up for disposal next week (3/19/2025).

Figure 1 - Work Areas (First Floor - Equipment Room)

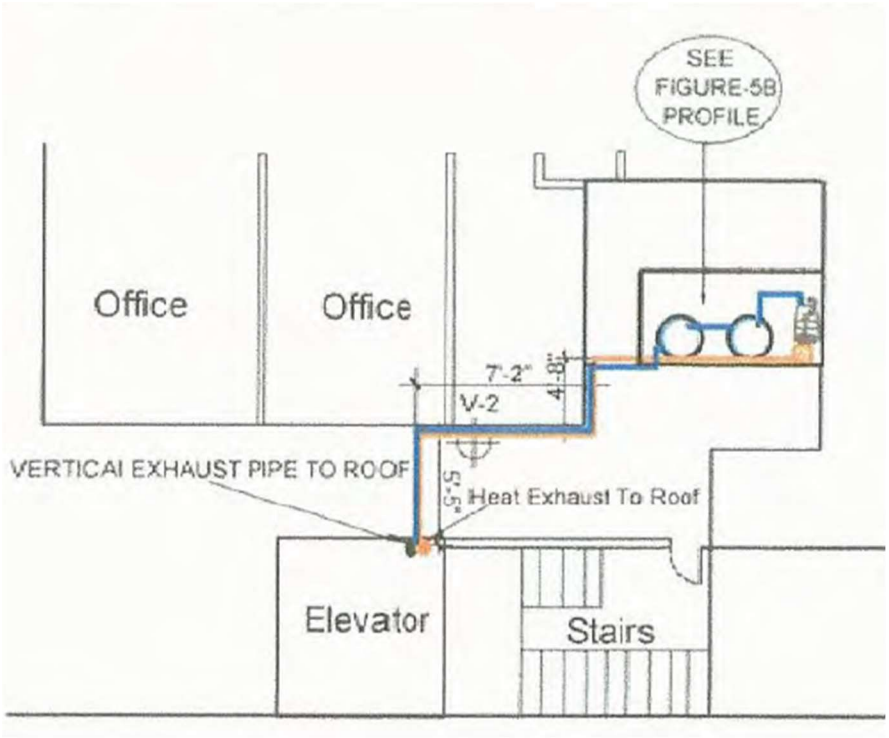


Figure 2 - Work Areas (Rooftop – New Location)

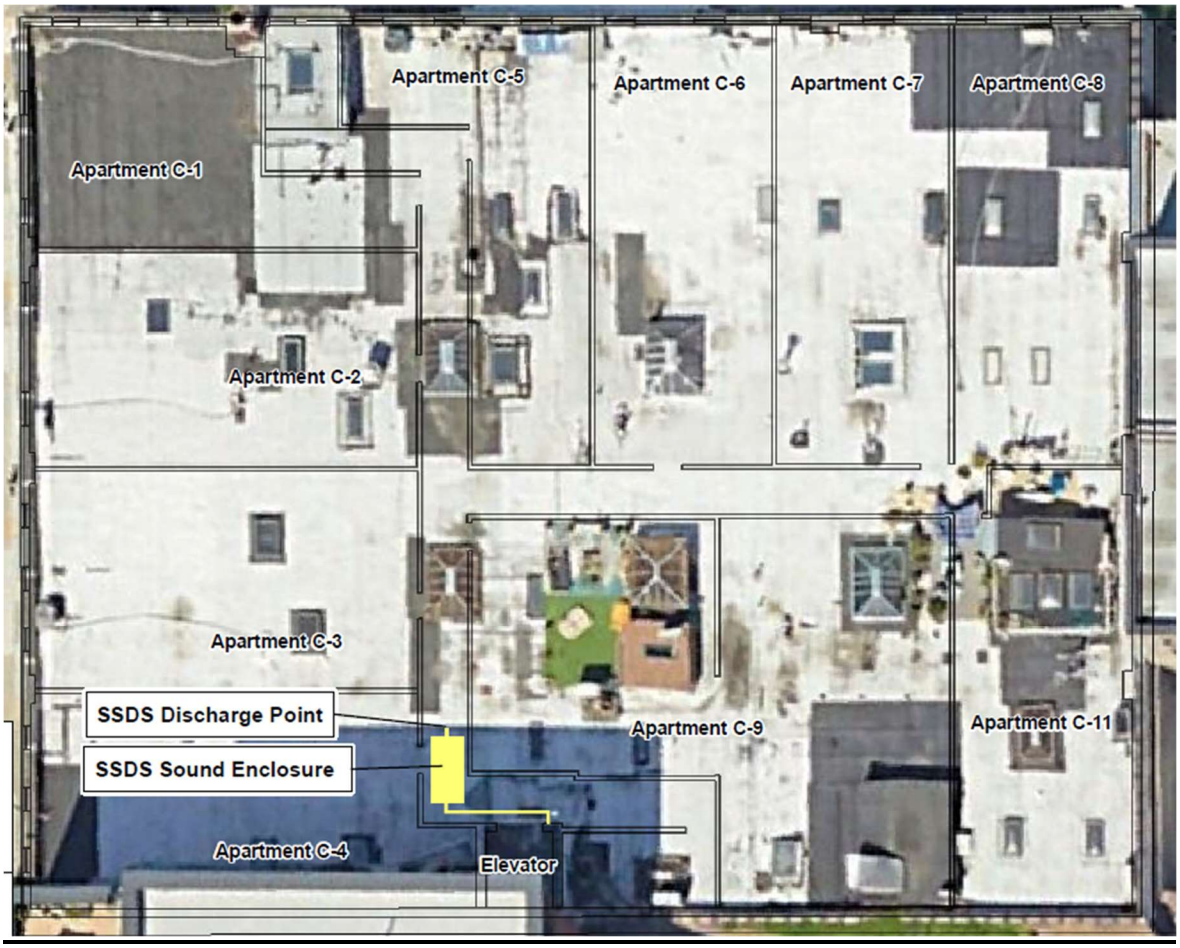


Photo Log

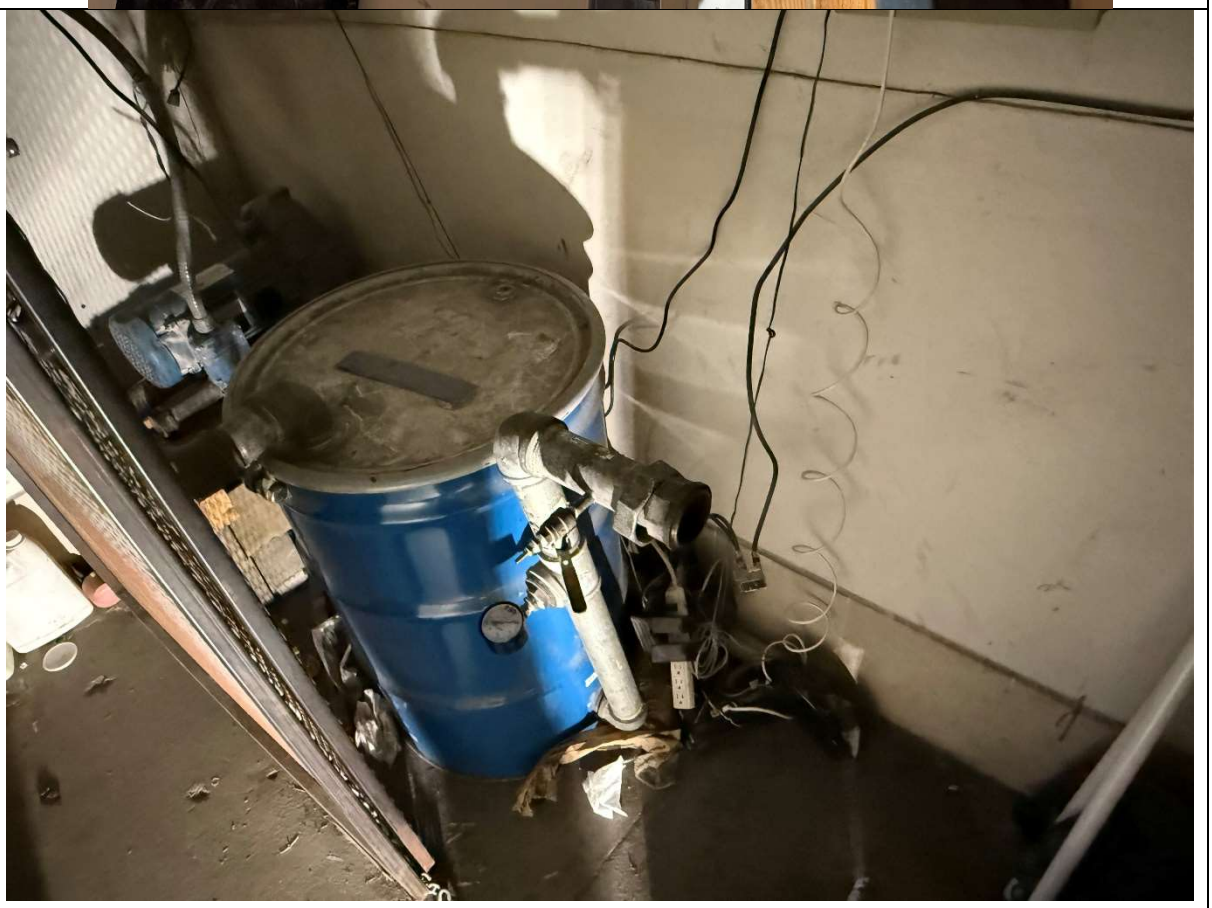
Photo 1 – Dismantling SSDS equipment for roof relocation.	
Photo 2 – Dismantling SSDS equipment for roof relocation.	

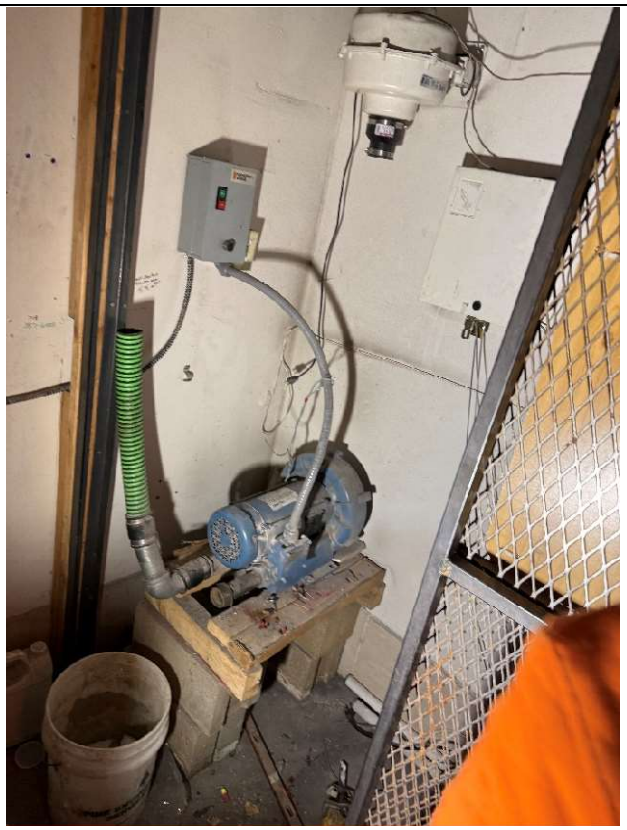
Photo 3 – Dismantling SSDS equipment for roof relocation.	
Photo 4– Dismantling SSDS equipment for roof relocation.	

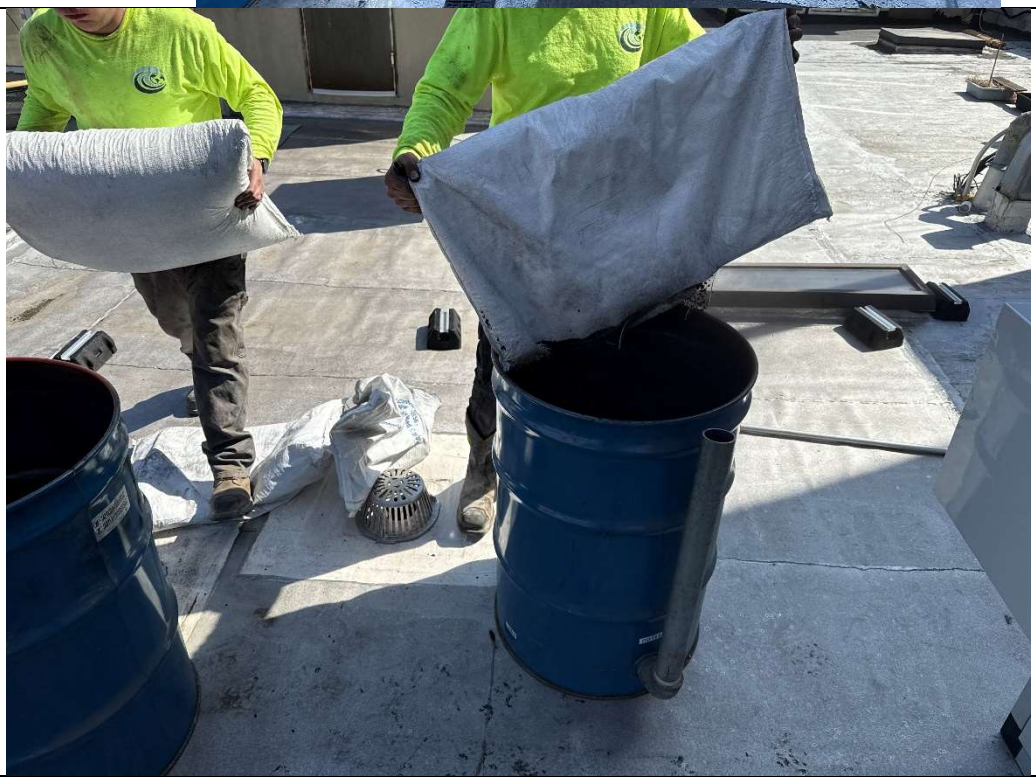
Photo 5 – Sound enclosure is placed in designated area as per approved plans.	
Photo 6 – Drums being filled with carbon.	

Photo 7 – SSDS plumbing adjustments.	
Photo 8 – SSDS equipment relocated into sound enclosure.	

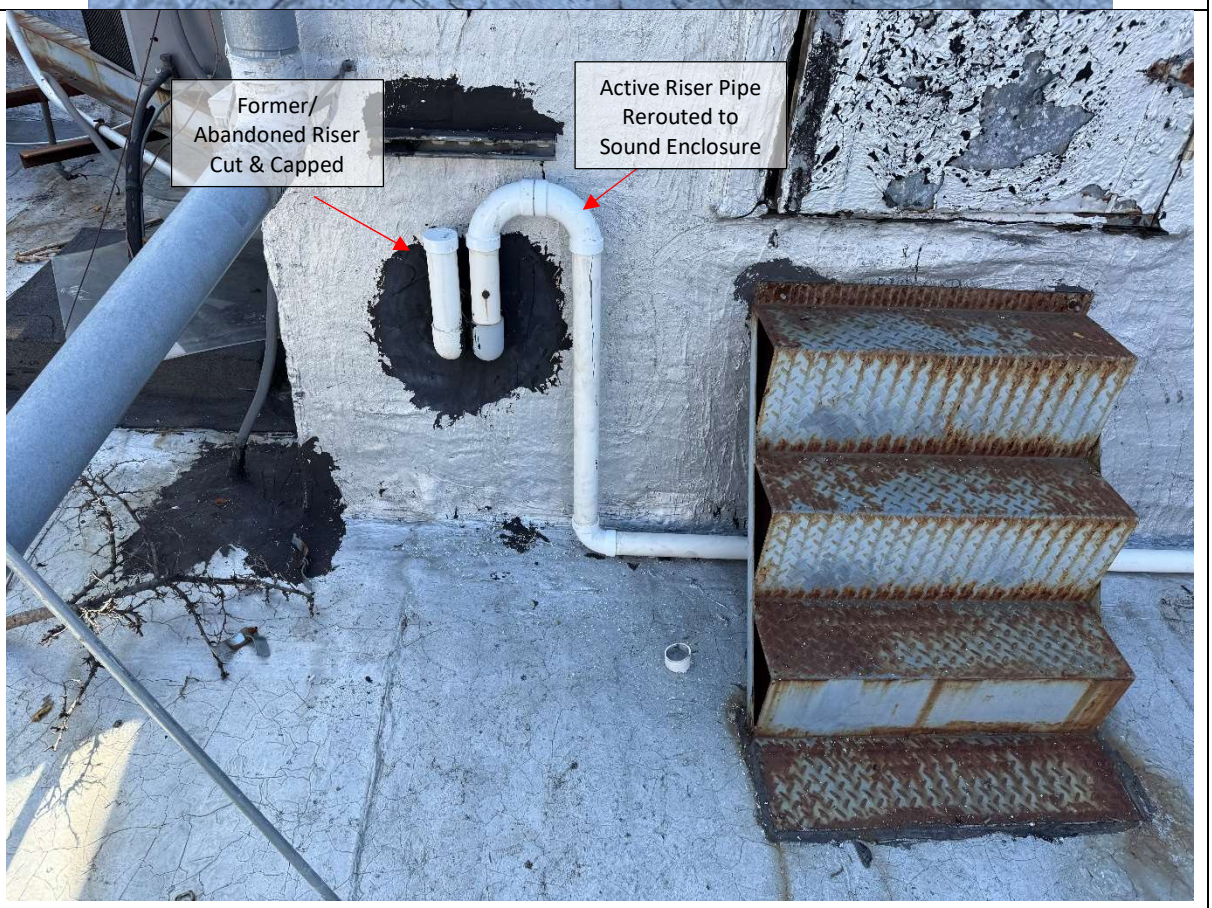
Photo 9 – SSDS plumbing adjustments.	
Photo 10 – SSDS plumbing adjustments.	

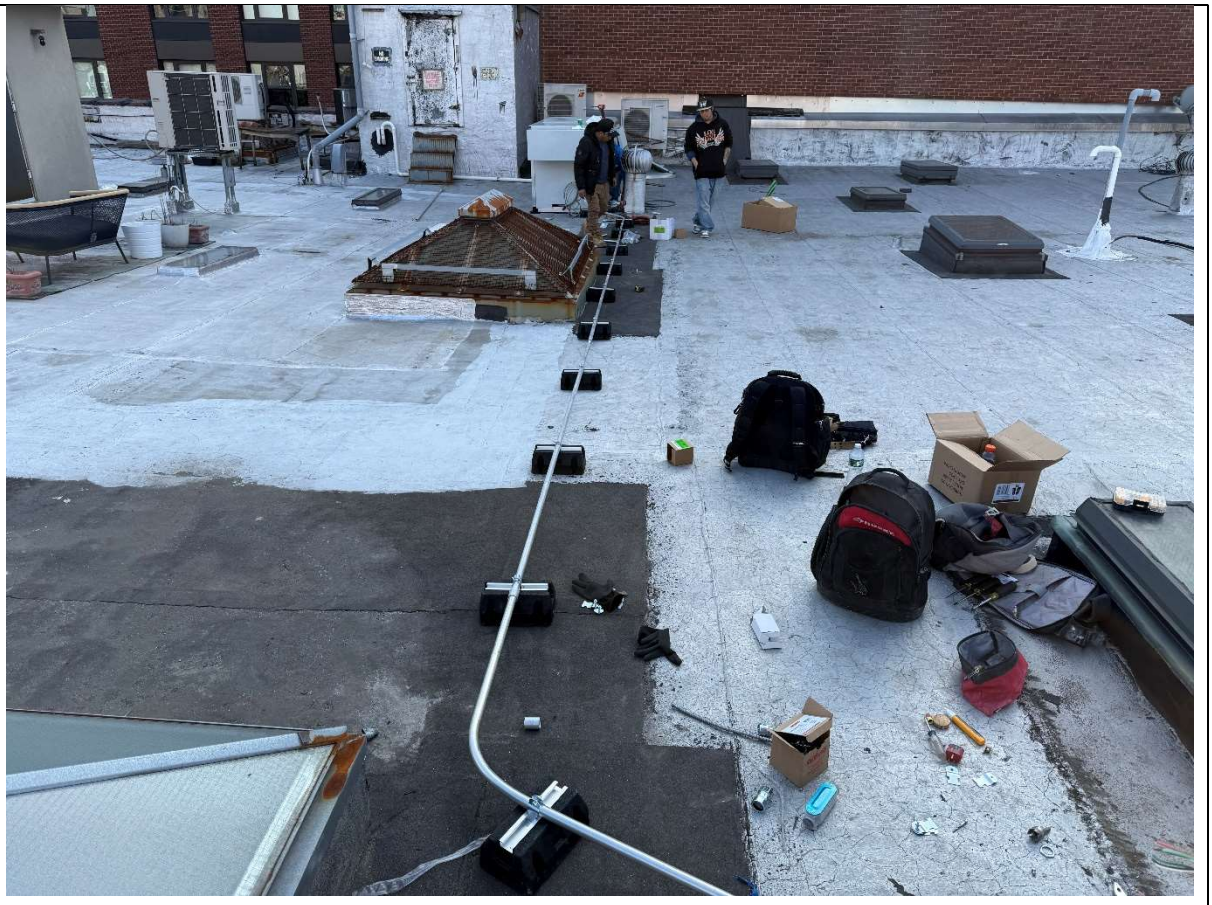
Photo 11 – Electricity line installed to SSDS sound enclosure.	
Photo 12 – View of completed relocation of SSDS equipment.	

Photo 13 – View of completed relocation of SSDS equipment.	
Photo 14 – View of completed relocation of SSDS equipment.	

WEEK 1 STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 21, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed (First Weekly Inspection After SSDS Equipment Relocation/Modifications – Completed 3/14/2025):

- Inspection of drum storage area and confirmed it is secure and tamper free.
- Inspection of all system piping and ensured all piping was air tight.
- Round of airflow-velocity measurements at all SSDS pits – first week after the SSDS equipment was relocated.
- Round of differential pressure measurements at all monitoring points – first week after the SSDS equipment was relocated.
- Installation of two (2) air-tight plugs in horizontal/pitched piping in hallway on the south side of the first floor. This will allow us to drain liquids that accumulate in system piping at this location.

Working Areas: First floor and Rooftop.

Samples Collected (Since Last Report): No samples collected.

Disposal: Drums are currently labeled and stored in a locked and secure location. We were held up on the EPA ID number, because there was an existing EPA ID number for the Cleaner Sales & Equipment Corp. Site, and I attempted to create an additional number for this Site. We have updated RCRA on the current work and everything will be covered under a single EPA ID (NYR000113480). With this sorted, we can now schedule the drum removal.

Air Monitoring (Since Last Report):
No air monitoring completed, as there was no intrusive work today. Only inspection and monitoring completed today.

Problems Encountered:

1. The gauges delivered for use in the above slab piping between the SSDS pits and ball valves were the wrong model. New magnehelic gauges were ordered and the shipment was delayed. These will be installed the following week.

Planned Activities for the Next Day/ Week:

- New magnehelic gauges were delivered and will be installed next week (by 3/28/2025).
- Drums are scheduled to be picked up for disposal next week (by 3/28/2025).
- Conducting indoor air quality sampling for 2024/2025 winter heating season on March 24-March 25, 2025.

Figure 1 - Work Areas (First Floor)

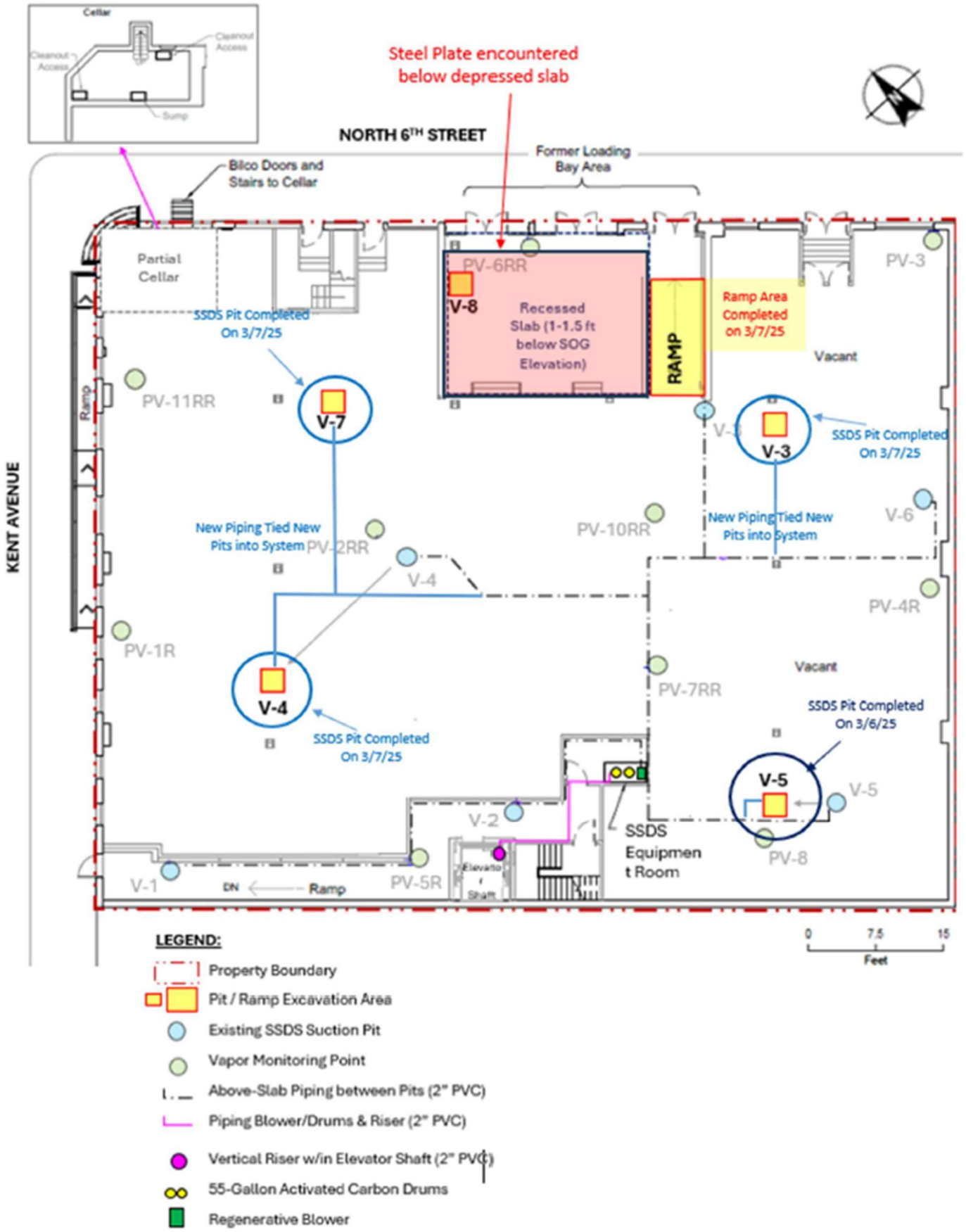


Figure 2 - Work Areas (Rooftop)

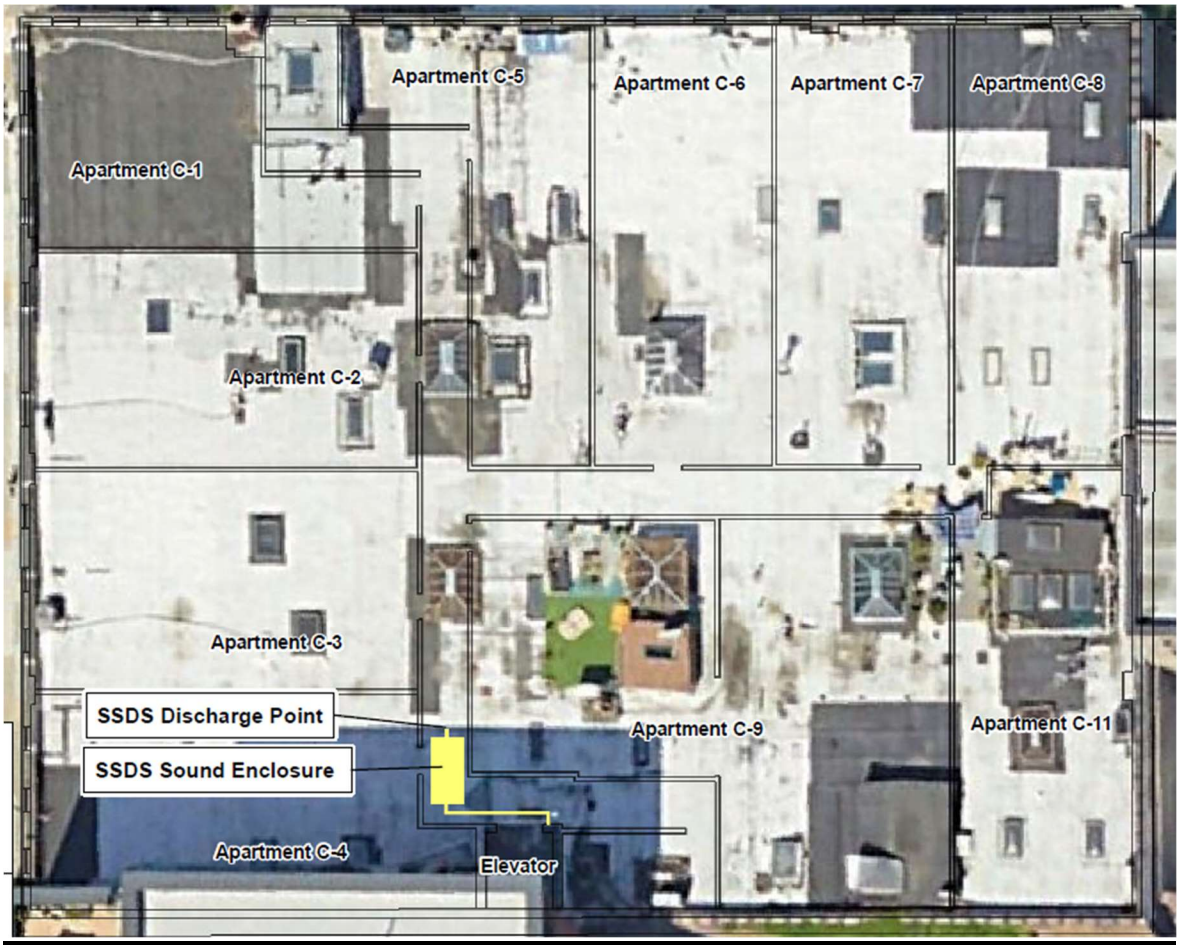


Photo Log

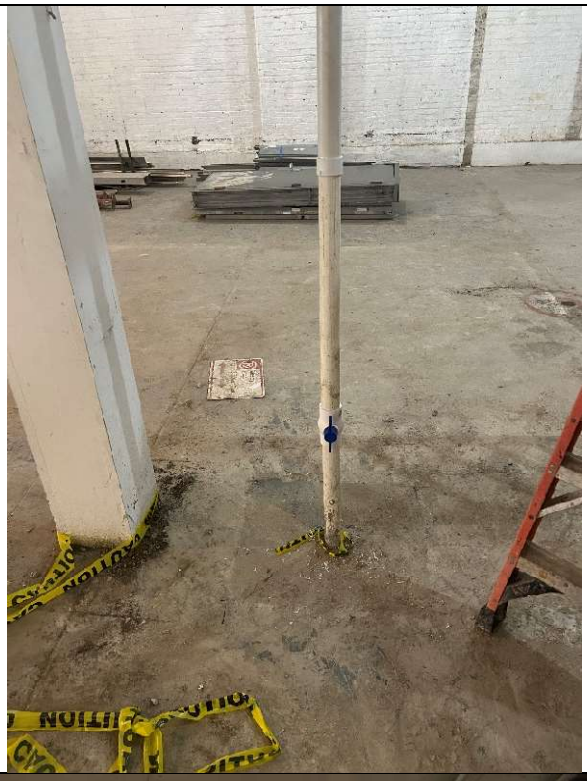
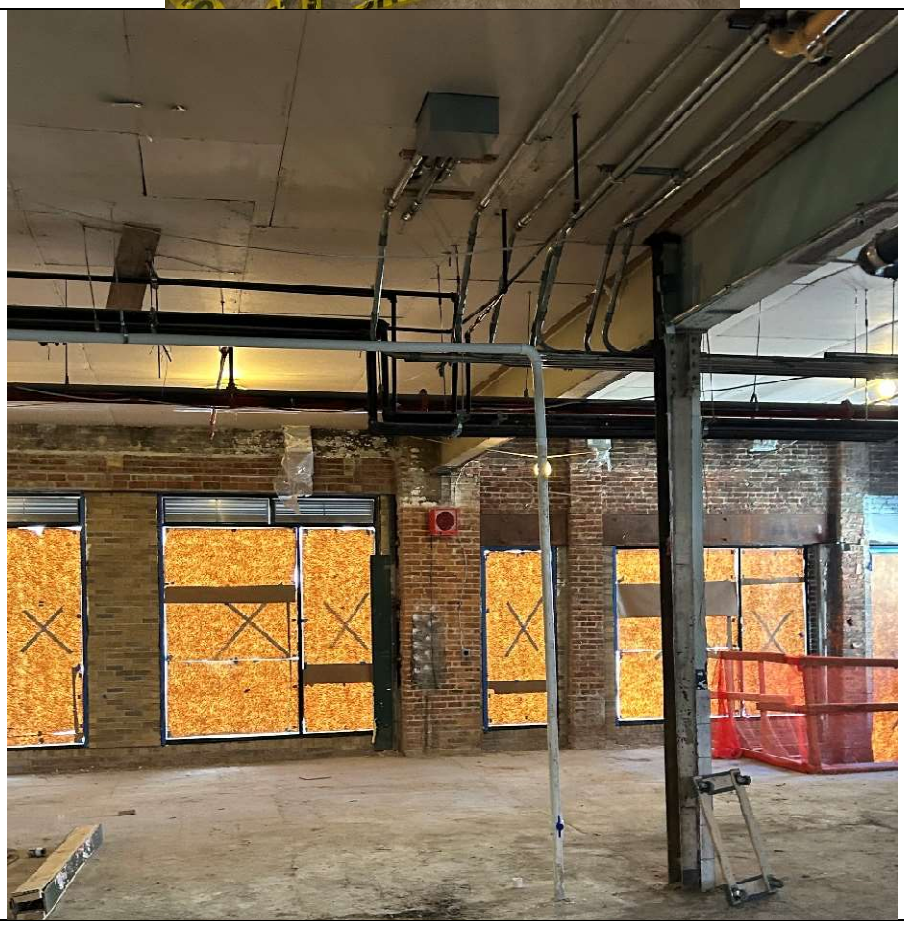
Photo 1 – Completed pit, V-3.	
Photo 2 – Completed pit, V-7.	

Photo 3 – Close view of piping above pit, typical (awaiting correct model of magnehelic gauge to be installed between ball valve and airflow measurement port).	
Photo 4– Current view of first floor.	

Photo 5 – Drum storage area.	
Photo 6 – Close view of piping above pit, typical (awaiting correct model of magnehelic gauge to be installed between ball valve and airflow measurement port).	

Photo 7 – Final location of sound enclosure. Operational for one week today (3/21/2025).	
Photo 8 – Emergency killswitch for blower, outside sound enclosure.	

Photo 9 – Close view of blower inside enclosure.			
Photo 10 – Switch for inline fan and enclosure exhaust.			

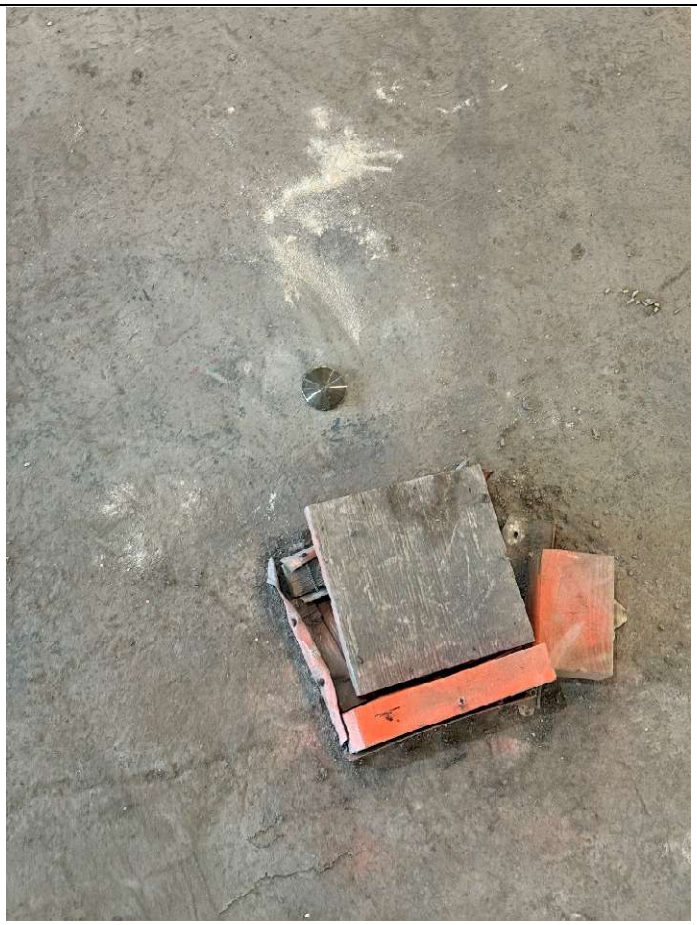
Photo 11 – View of replacement VMP, PV-10RRR. We plan to remove the framework around the abandoned VMPs when we install the gauges this week.	
Photo 12 – VMP, PV-6RR.	

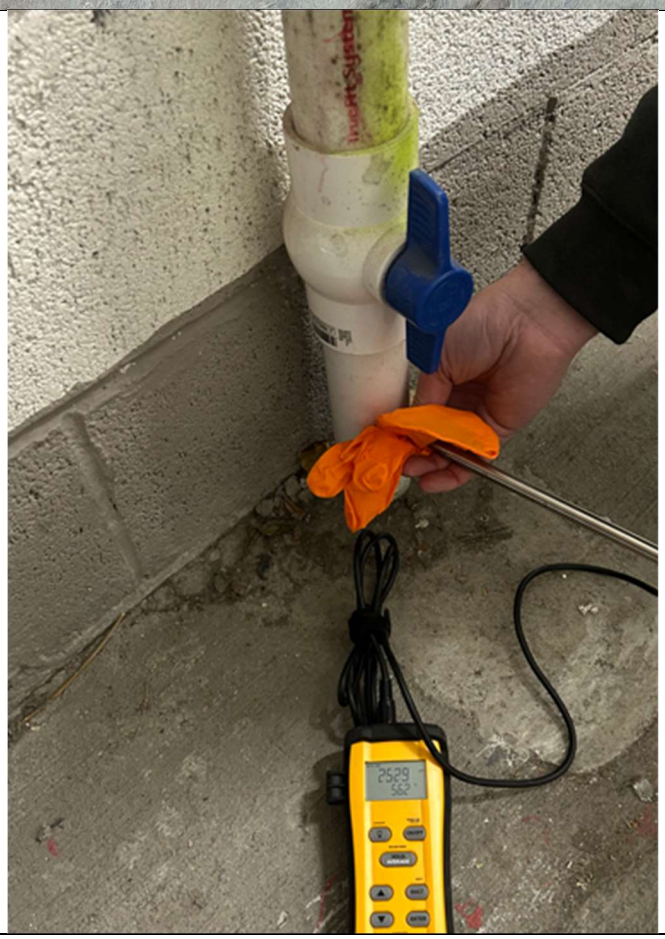
Photo 13 – View of replacement VMP, PV-2RR. We plan to remove the framework around the abandoned VMPs when we install the gauges this week.	
Photo 14 – Getting airflow/velocity readings.	

Photo 15 – Pitched piping in hallway on south side of the first floor where liquids accumulate in system piping.	
Photo 16 – Installed air-tight plug that allows for the drainage of liquids from system piping.	

Photo 17 – Pitched piping in hallway on south side of the first floor where liquids accumulate in system piping.	
Photo 18 – Installed air-tight plug that allows for the drainage of liquids from system piping from second location in the hallway.	

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 03/21/2025
Start Time: 11:45
End Time: 13:40
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.031
PV-2RRR	-0.109
PV-3R	-0.116
PV-4RR	-0.058
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.035
PV-8R	-0.023
PV-10RRR	-0.030
PV-11RRR	-0.027

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)
V-1	1,181	15°
V-2	1,059	15°
V-3	1,197	0°
V-4	1,214	0°
V-5	921	15°
V-6	963	0°
V-7	1,254	0°

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# (PV-#) represents a replacement. For example, PV-5RR has been replaced two times.
3. * PV6RRR appears to be located within a footing at the base of a structural column. The slab surrounding PV-6RRR also includes a steel plate between two concrete poured slabs. We consider this depressed slab area a dead zone, the relocation of elimination of PV-6RRR should be considered.

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	0.8	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**

Is heat exhaust fan operating: **YES**

Is Sensaphone operating: **YES** (Reprogrammed to contact Rock Enviro during shut-off)

Evidence of tampering, vandalism or damage to SSDS Equipment Room: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

WEEK 2 STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	March 28, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed (Second Weekly Inspection After SSDS Equipment Relocation/Modifications – Completed 3/14/2025):

- Inspection of drum storage area and confirmed it is secure and tamper free.
- Drum pickup has been rescheduled for 4/9/2025. We have discussed this arrangement with the contractors working at the development Site on the opposite side of N. 6th Street (131-133 Kent Avenue). We have confirmed that they will allow for the vehicle and crew access to the side entrance to the building, as needed to remove drums.
- Inspection of all system piping and ensured all piping was airtight.
- Round of airflow-velocity measurements at all SSDS pits – second week after the SSDS equipment was relocated.
- Round of differential pressure measurements at all monitoring points – second week after the SSDS equipment was relocated.
- Installation of differential pressure gauges above each SSDS pit (between the ball valve and airflow porthole).
- Collection of indoor air quality samples for Winter 2024/2025 (See Figures 3 & 4).

Working Areas: First floor, Second Floor and Rooftop (See Figures 1-4).

Samples Collected (Since Last Report): Collected a total of twenty-two (22) samples - 20 indoor air samples (including a duplicate sample) and 2 outdoor air samples (See attached IAQ Sample Chain of Custody – Sampling Log). Samples collected 3/24-3/25/2025 and submitted to the lab on 3/26/2025 for standard turnaround time analysis of VOCs by EPA Method TO-15.

Disposal: Drums are currently labeled and stored in a locked and secure location. Waste will be removed under EPA ID NYR000113480. Drum pickup has been rescheduled for 4/9/2025. We have coordinated the pickup with the contractors working at the development Site on the opposite side of N. 6th Street (131-133 Kent Avenue). We have confirmed that they will allow for vehicle and crew access to the side entrance to the building, as needed to remove drums.

Air Monitoring (Since Last Report):
No air monitoring was completed, as there was no intrusive work conducted. Only inspection and monitoring completed today.

Problems Encountered: None

Planned Activities for the Next Day/ Week:

- Continued weekly inspections and monitoring of SSDS (airflow-velocity measurements & differential pressure readings).
- Drums are scheduled to be picked on 4/9/2025.
- Begin preparation of tenant notifications with IAQ results. Results anticipated by

Figure 1 – First Floor (Post SSDS Mods)

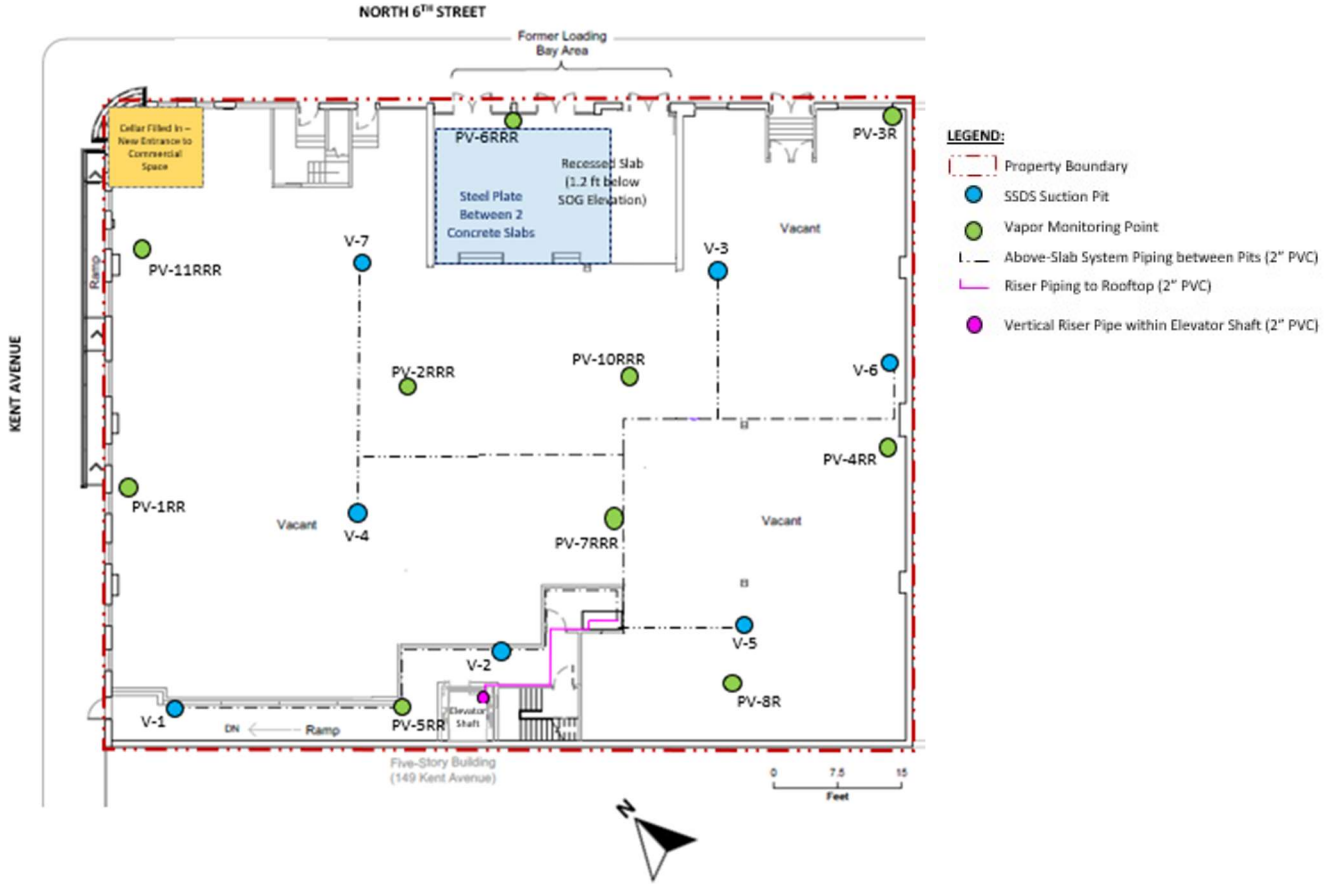


Figure 2 – Rooftop (Post SSDS Mods)

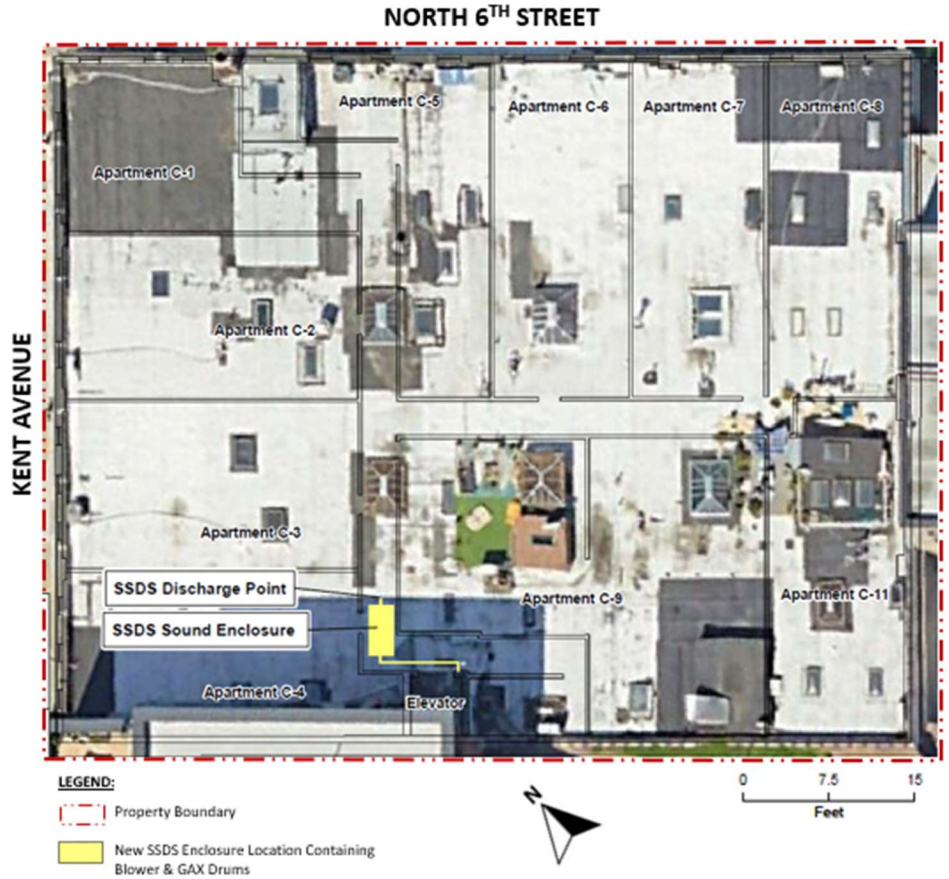


Figure 3 – First Floor IAQ Sample Locations Map

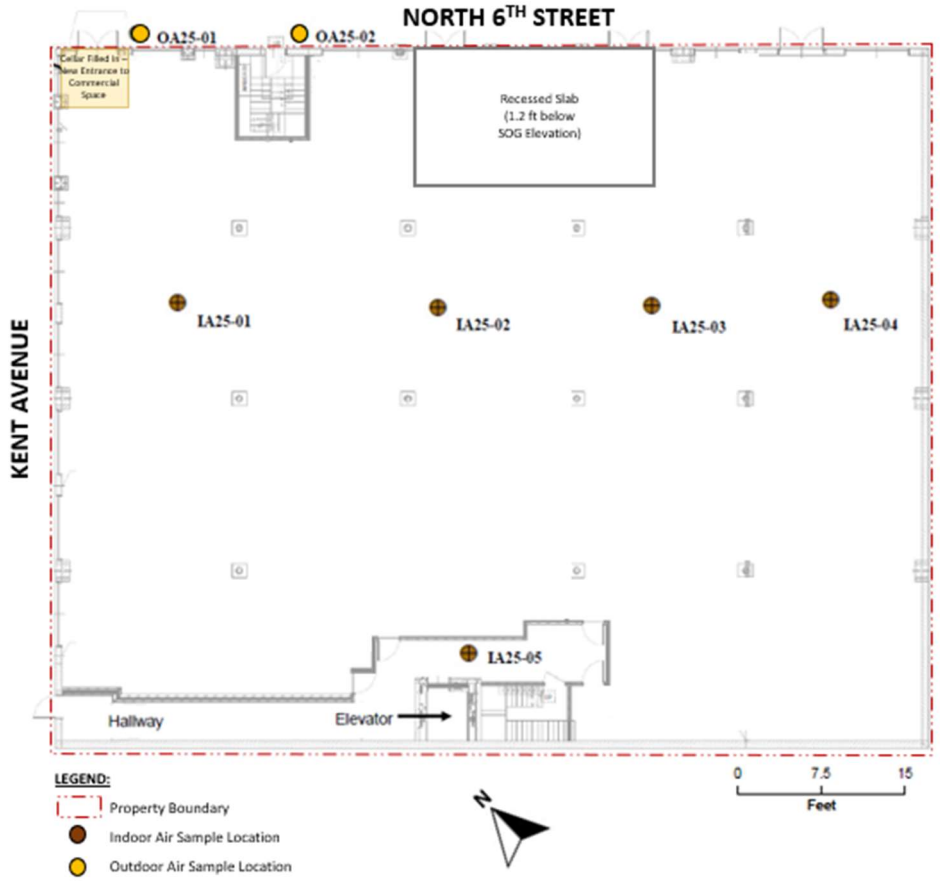


Figure 4 – Second Floor IAQ Sample Locations Map

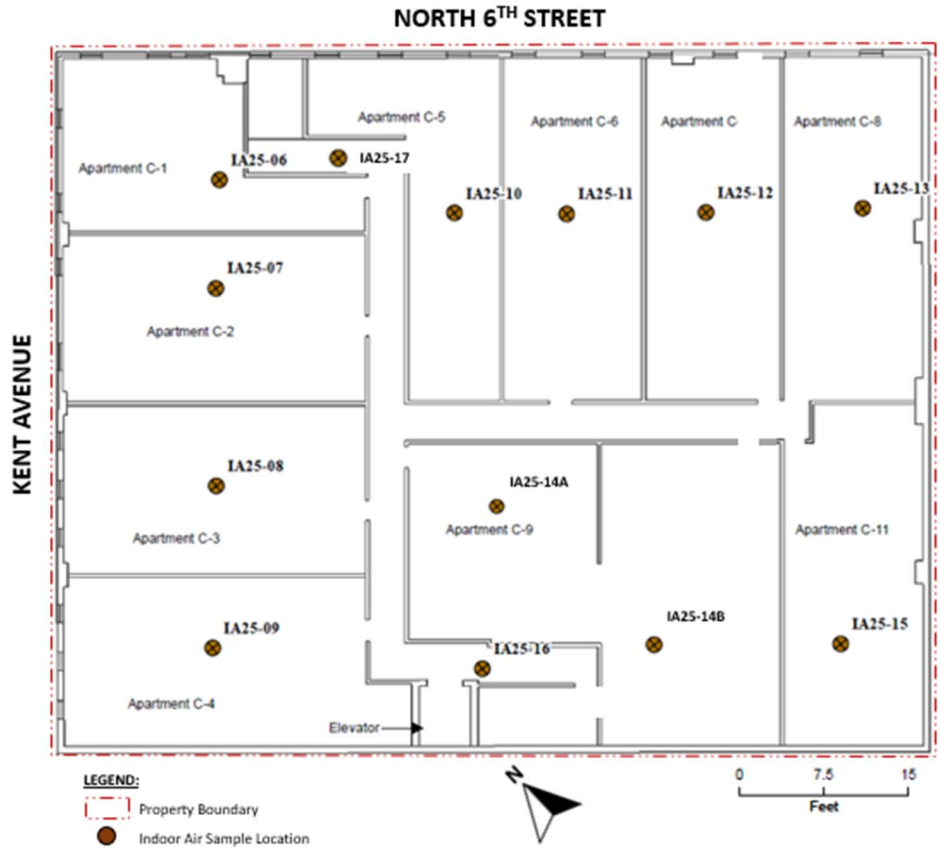


Photo Log

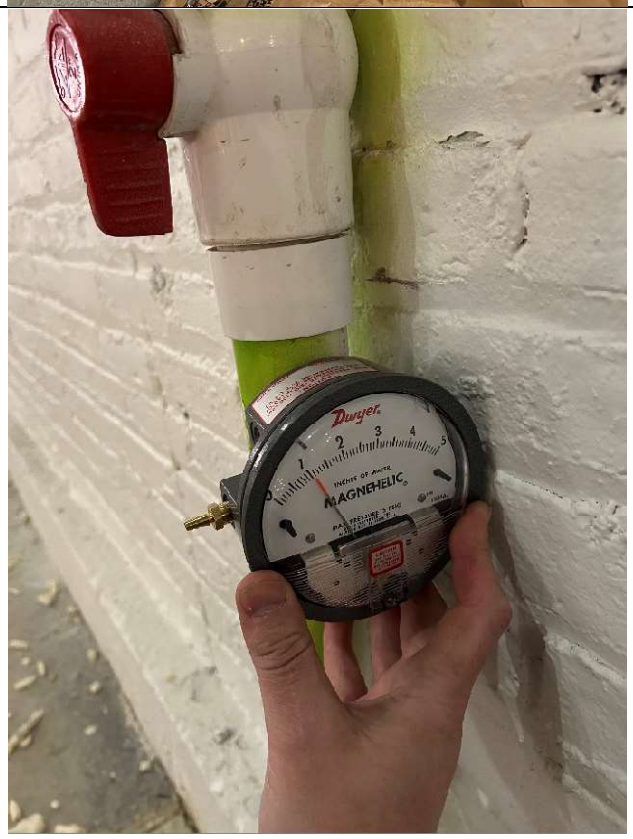
Photo 1 – Hole drilled in suction pit, V-1, for installation of differentia pressure gauge.	
Photo 2 – Attempt to install Dwyer model 2005 gauge; however, due to the 4-5” diameter bezel and the 1.5-pound weight, will not work well for the 2-inch PVC riser pipe.	

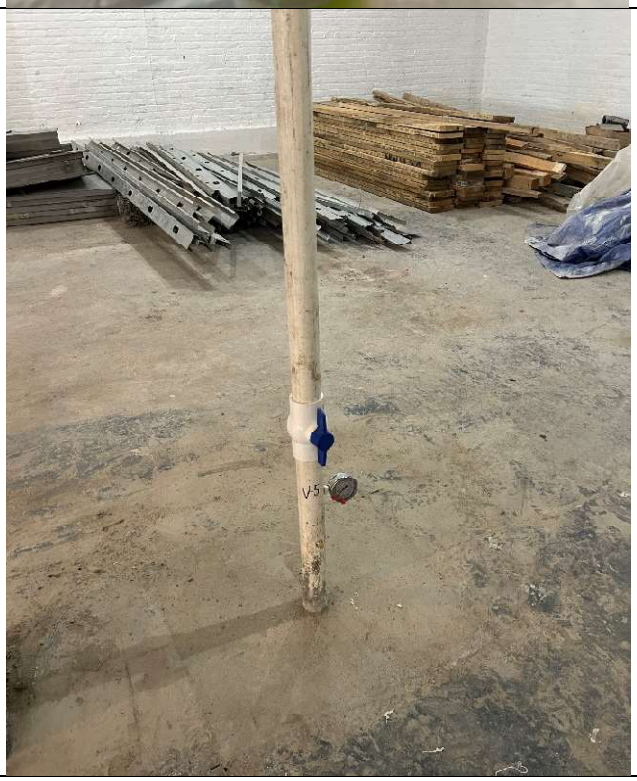
Photo 3 – Installation of 2.5-inch size differential pressure gauge in riser pipe at suction pit, V-6.			
Photo 4– Installation of gauge at V-5.			

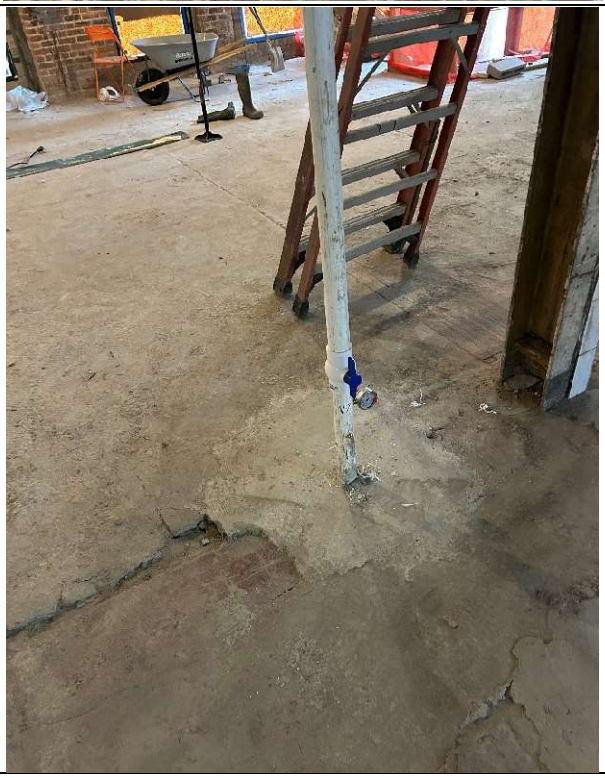
Photo 5 – Labelled VMP.		
Photo 6 – Differential pressure gauge installed at suction pit, V-7.		

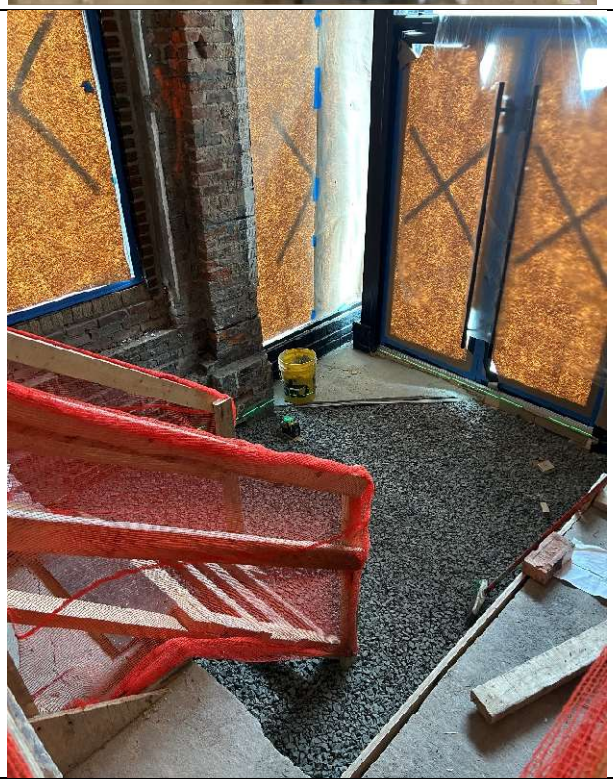
Photo 7 – Close view of differential pressure gauge installed at suction pit, V-7.		
Photo 8 – Filled-In partial cellar. This is the new entrance at the northwest corner of the building.		

Photo 9 – Differential pressure gauge installed at suction pit, V-4.	
Photo 10 – Labelled VMP.	

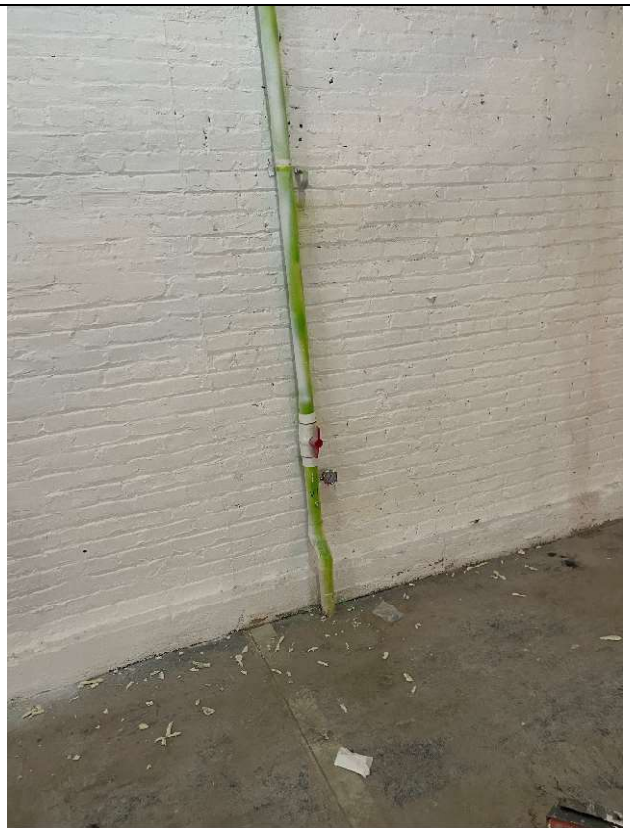
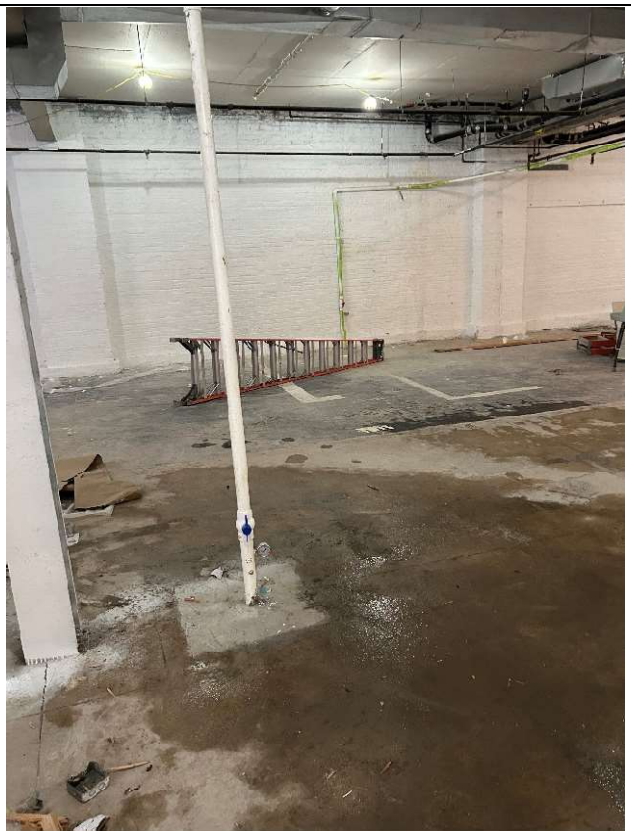
Photo 11 – Differential pressure gauge installed at suction pit, V-6.	
Photo 12 – Differential pressure gauge installed at suction pit, V-3 (with V-6 shown in the background).	

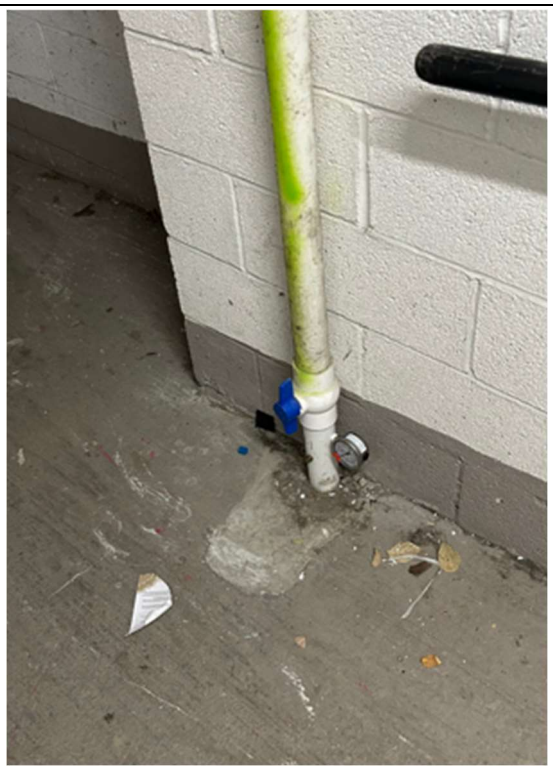
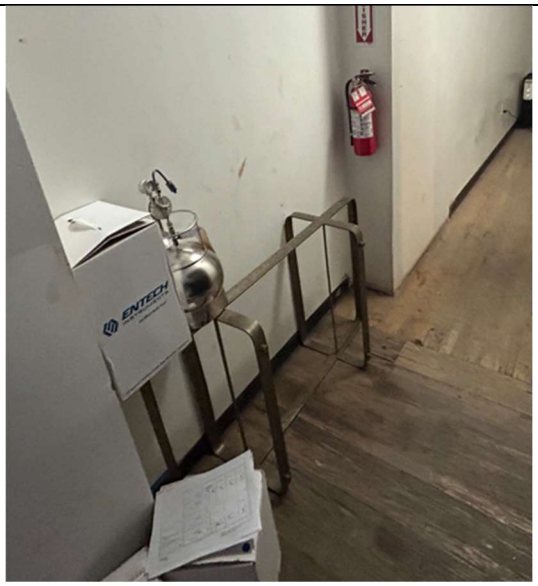
Photo 13 – Differential pressure gauges installed at V-1 & V-2.	
Photo 14 – Indoor air quality (IAQ) sample, IA25-16 in the hallway on the second floor of the building.	

Photo 15 – IA25-08	
Photo 16 – IA25-07	

Photo 17 – IA25-06	
Photo 18 – IA25-13	

Photo 19 – IA25-12	
Photo 20 – IA25-14A	

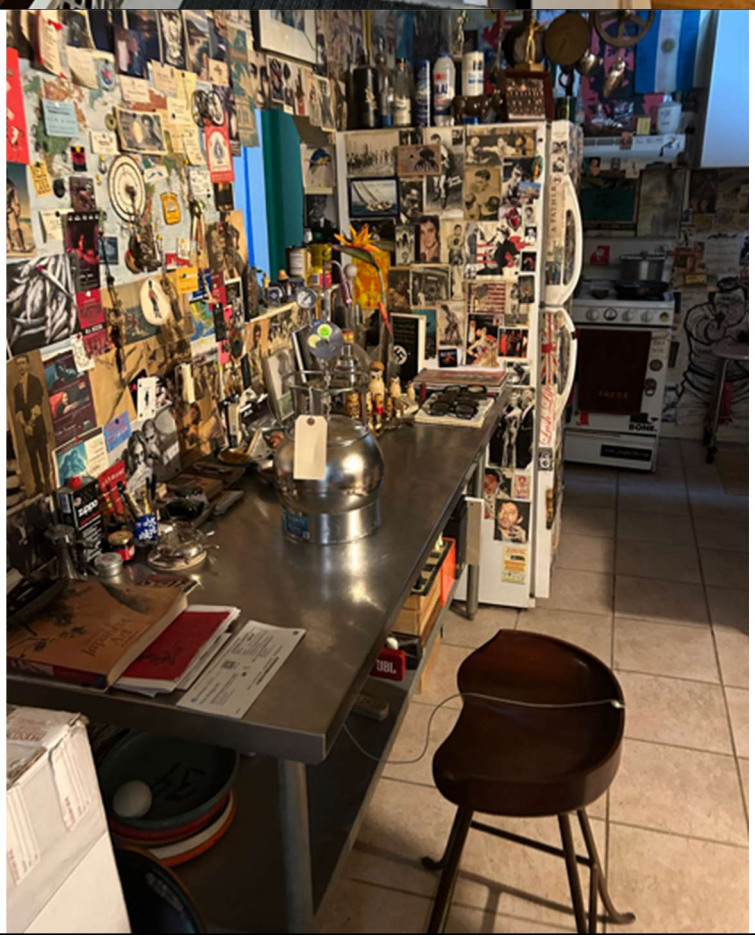
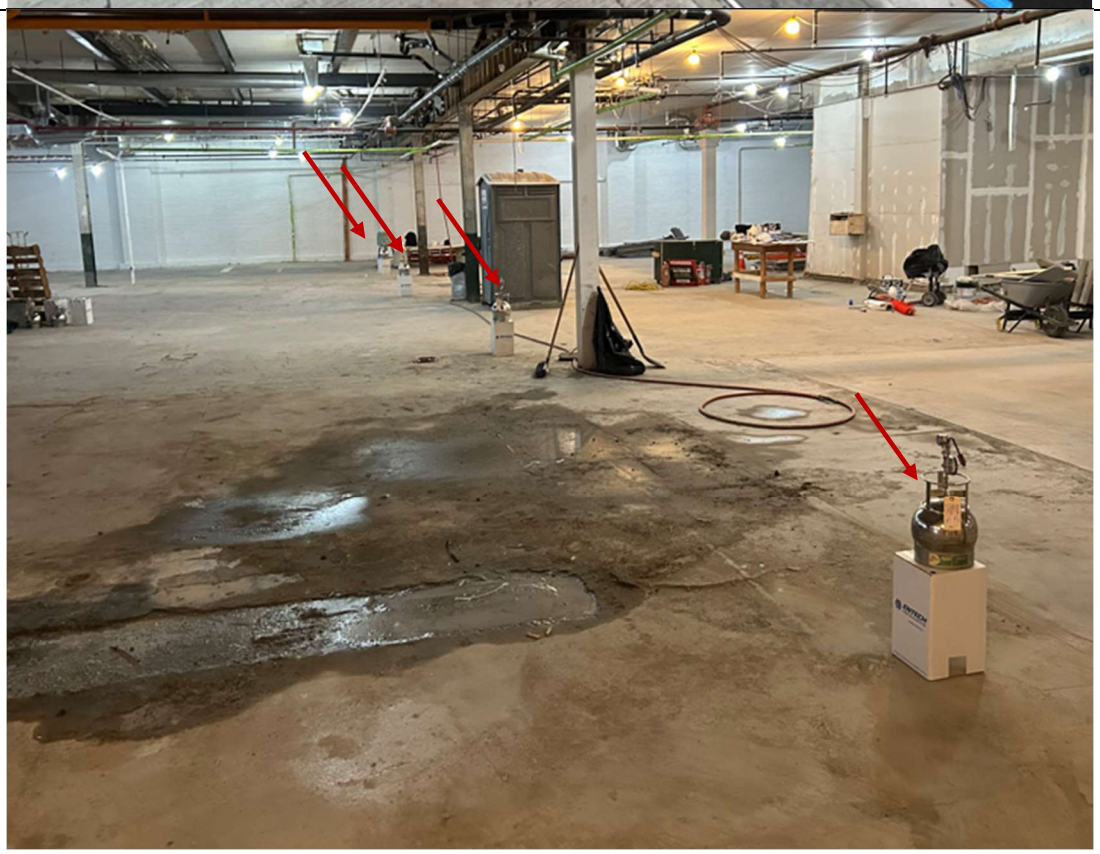
Photo 21 – IA25-14B	
Photo 22 – IA25-15	

Photo 22 – OA25-01 & OA25-02	
Photo 23 – IA25-01 through IA25-04	

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 03/28/2025
Start Time: 10:10
End Time: 12:55
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.029
PV-2RRR	-0.099
PV-3R	-0.112
PV-4RR	-0.063
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.038
PV-8R	-0.026
PV-10RRR	-0.032
PV-11RRR	-0.030

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,172	15°	2.0
V-2	1,103	15°	1.8
V-3	1,181	0°	2.4
V-4	1,228	0°	2.1
V-5	1,026	0°	2.0
V-6	1,094	0°	3.1
V-7	1,087	15°	1.8

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. Differential Pressure Gauges were added to the SSDS risers on 3/28/2025.
6. * = PV-6RRR is located in a dead zone, possibly within a structural footing, and in an area where a steel plate covers a large area (across most of the recessed slab area).

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	0.7	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**

Is heat exhaust fan operating: **YES**

Is Sensaphone operating: **YES**

Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

INDOOR AIR QUALITY SAMPLING LOG (CHAIN OF CUSTODY FORM FROM SAMPLING)

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
ROCKENVIRO

CHAIN OF CUSTODY RECORD
AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. # Page 1 of 3

Data Delivery:
☐ Fax #:
☐ Email: rob@rockenviro.com
☒ Phone #: 718-858-6655

Report to:	Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:
Customer:	Rock Enviro (RE)	Invoice to: RE	Requested Deliverable: RCP ASP CAT B
Address:	170 Lee Avenue		MCP NJ Deliverables
17204	Brooklyn NY 11211	Sampled by: RB + RQ	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	
91392	IA 25-03	21362	6.0L	-30	-6	~~19831~~ 5352	3.11	1146	~~1708~~	3/24/25	-30	-6	X		G	X	
91393	IA 25-10	28568	6.0L	-30	-9	39836	3	1112	1057	3/24/25	-30	-8	X		G	X	
91394	IA 25-11	28552	6.0L	-30	-7	10753	3.12	1106	1111	3/24/25	-30	-8	X		G	X	
91395	IA 25-09	23871	6.0L	-30	-7	19842	3.16	1051	1046	3/24/25	-30	-6	X		G	X	
91396	IA 25-15	28565	6.0L	-30	-7	4982	3.02	1104	1049	3/24/25	-30	-7	X		G	X	
91397	~~IA-07~~ IA 25 07	23350	6.0L	-30	-6	10741	3.17	1054	1044	3/24/25	-30	-6	X		G	X	
91398	IA25-DUP	28557	6.0L	-30	-10	5652	3.03	1051	1147	3/24/25	-30	-11	X		G	X	
91399	IA 25-04	225	6.0L	-30	-6	~~10590~~ 5043	3.01	1145	1906	3/24/25	-30	-8	X		G	X	
91400	IA 25-12	19960	6.0L	-30	-6	10761	3.11	1103	1151	3/24/25	-30	-5	X		G	X	
	Did Not Use ~~49211~~	~~49211~~	6.0L	-30		10758	3.08										

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/21/25

State Where Samples Collected: NY 3/26/25 16:30

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(22) - 6.0L 24 hr Need LCS included in lab report
Flow controller ID #s changed because we swapped 24-hr for 8-hr controllers on *Rec at PCL unused

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

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

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: rob@rockenviro.com
☒ Phone #: (718) 858-6655

ROCKENVIRO

Report to: Rob Bennett
Customer: Rock Enviro (RE)
Address: 170 Lee Avenue
17204 Brooklyn NY 11211

Project Name: 135 Kent
Invoice to: RE
Sampled by: RB + RQ

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
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	
91401	IA25-16	483	6.0L	-30	-4	~~7004~~ 10739	3.1	1047	1819	3/24/25	-30	-5	X		G	X	
91402	IA25-05	19806	6.0L	-30	-5	5600 ~~10647~~	3.08	1045	1845	3/24/25	-30	-5	X		G	X	
91403	IA25-13	28597	6.0L	-30	-5	3963	3.26	1102	1113	3/24/25	-30	-5	X		G	X	
91404	~~IA25-06~~ IA25-06	23346	6.0L	-30	-6	10705	3.13	1056	1043	3/24/25	-30	-6	X		G	X	
91405	IA25-01	18259	6.0L	-30	-8	~~10770~~ 10656	3	1152	1909	3/24/25	-30	-8	X		G	X	
91406	IA25-17	49247	6.0L	-30	-4	~~3408~~ 10000	3.3	1048	1851	3/24/25	-30	-5	X		G	X	
91407	IA25-08	49245	6.0L	-30	-5	2988	3.1	1052	1045	3/24/25	-29	-5	X		G	X	
91408	IA25-14B	28617	6.0L	-30	-7	5595	3.15	1109	1050	3/24/25	-30	-7	X		G	X	
91409	~~IA25-02~~ IA25-02	19962	6.0L	-30	-6	~~3998~~ 10829	3.05	1149	907	3/24/25	-30	-8	X		G	X	
91410	OA25-02	23330	6.0L	-30	-5	7024	3.2	1137	1107	3/24/25	-30	-6	X		G	X	

Relinquished by:	Accepted by:	Date:	Time:
		3.26.2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

PHOENIX
Environmental Laboratories, Inc.
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ROCKENVIRO

CHAIN OF CUSTODY RECORD
AIR ANALYSES
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email: greg@phoenixlabs.com

P.O. # Page 3 of 3

Data Delivery:
☐ Fax #:
☑ Email: rob@rockenviro.com
☑ Phone #: (718) 858-6655

Report to:	Rob Bennett	Project Name: 135 Kent	Data Format: (Circle) Equis Excel Other:
Customer:	Rock Enviro	Invoice to: RE	Requested Deliverable: RCP ASP CAT B
Address:	170 Lee Avenue		MCP NJ Deliverables
17204	Brooklyn NY 11211	Sampled by: RB+RQ	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		
91411	OA 25-01	465	6.0L	-30	-5	4979 ~~4494~~	3.17	1135	1905	3/24/25	-30	-7	X		G	X		
91412	IA 25-14A	13639	6.0L	-30	-7	10557	3.12	1110	1058	3/24/25	-30	-7	X		G	X		

Relinquished by:	Accepted by:	Date:	Time:
		3-26-2025	1238
		3/26/25	1245

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: 3/26/25

State Where Samples Collected: NY 3/26/25 16:30

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(22) - 6.0L 24 hr See comments pg 1 of 3

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	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

WEEK 3 STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	April 4, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed (Third Weekly Inspection After SSDS Equipment Relocation/Modifications – Completed 3/14/2025):

- Inspection of drum storage area and confirmed it is secure and tamper free.
- Drum pickup is scheduled for 4/9/2025.
- Inspection of all system piping and ensured all piping was airtight.
- Round of airflow-velocity measurements at all SSDS pits – second week after the SSDS equipment was relocated.
- Round of differential pressure measurements at all monitoring points – second week after the SSDS equipment was relocated.
- Inspection of differential pressure gauges at each SSDS pit.

Working Areas: First floor and Rooftop (See Figures 1-2).

Samples Collected (Since Last Report): None. Still awaiting the results of the twenty-two (22) indoor air quality (IAQ) samples collected 3/24-3/25/2025 and submitted to the lab on 3/26/2025 for standard turnaround time analysis of VOCs by EPA Method TO-15.

Disposal: Drums are currently labeled and stored in a locked and secure location. Waste will be removed under EPA ID NYR000113480. Drum pickup is scheduled for 4/9/2025. We have coordinated the pickup with the contractors working at the development Site on the opposite side of N. 6th Street (131-133 Kent Avenue). We have confirmed that they will allow for vehicle and crew access to the side entrance to the building, as needed to remove drums.

Air Monitoring (Since Last Report):
No air monitoring was completed, as there was no intrusive work conducted. Only inspection and monitoring completed today.

Problems Encountered: The differential pressure gauges we installed do not appear to be maintaining consistent readings and therefore may require replacement. The specified magnehelic gauges (Dwyer Model 2005) work well; however, it is difficult to secure a 4-5-inch wide by 2 ¼-inch thick gauge that weights 1.5 pounds to 2-inch diameter PVC piping. The ones we attempted to install were flimsy and seemed likely to be damaged, even with the slightest contact. As such, we tried to install 2.5-inch diameter gauges. However, the most accurate gauges we could find in that size read from 0 to -30 inches water column (in WC) and they were liquid filled. I believe these would be more appropriate for installations where a higher vacuum reading was consistently present. The instructions said in low vacuum conditions, you can remove the gauges and “burp” the gauge by removing the gauge, opening the rubber seal at the top of the gauge to release any internal pressure, and then reinstall. This worked (as you can see in photo exhibits 1-4), but it didn’t hold for more than a couple of days. We are currently searching for some new gauges with more

Planned Activities for the Next Day/ Week:

- Continued weekly inspections and monitoring of SSDS (airflow-velocity measurements & differential pressure readings).
- Drums are scheduled to be picked on 4/9/2025.
- Begin preparation of tenant notifications with IAQ results. Results anticipated by 4/7-4/9/2025.

Figure 1 – First Floor (Post SSDS Mods)

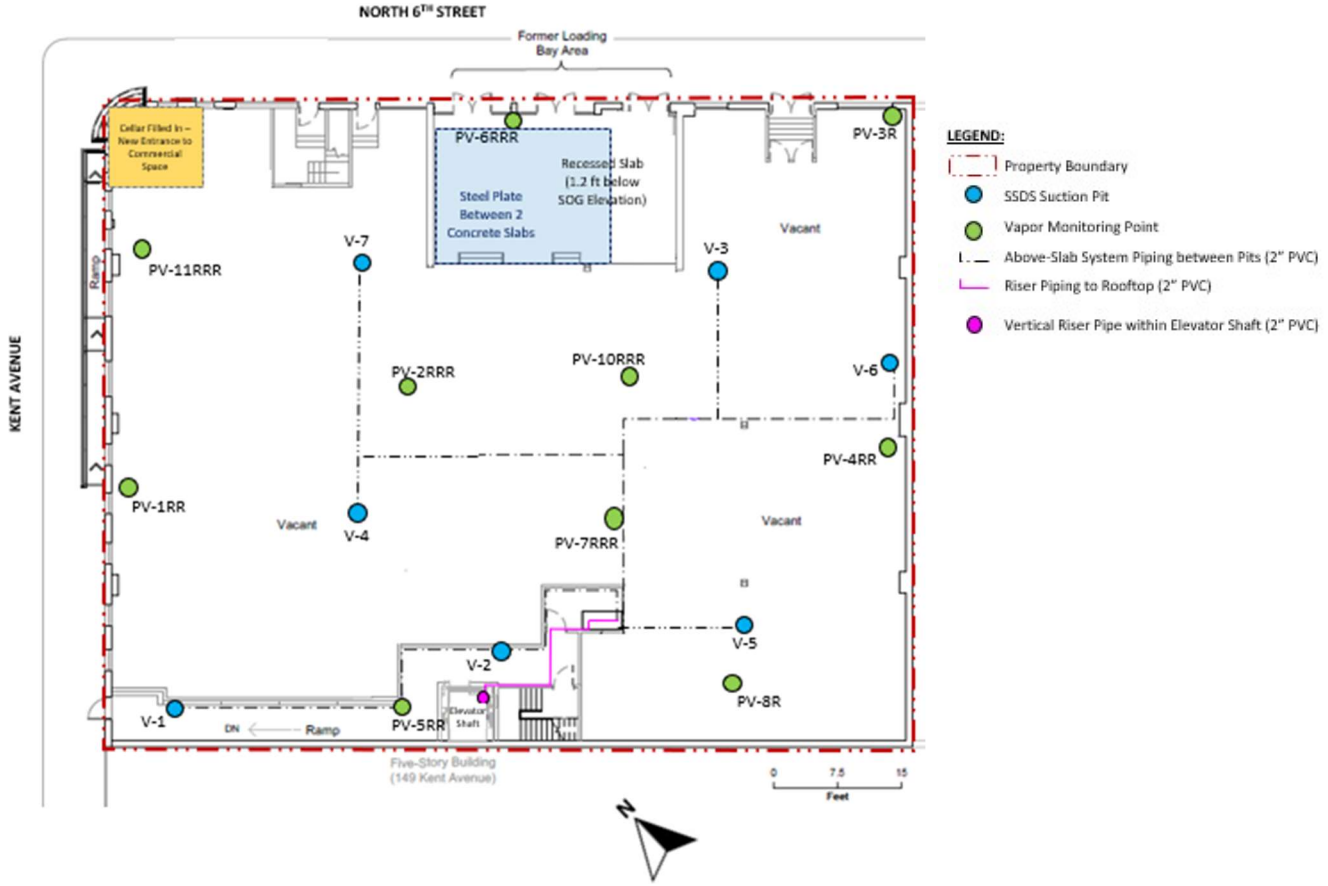


Figure 2 – Rooftop (Post SSDS Mods)

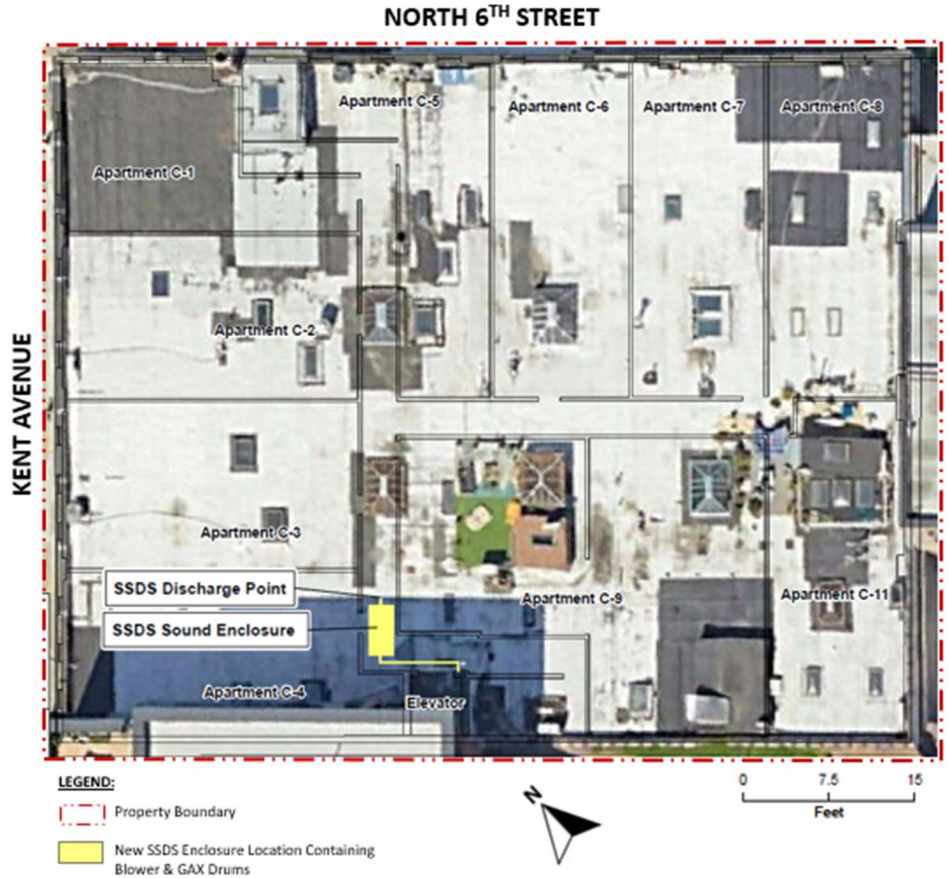


Photo Log

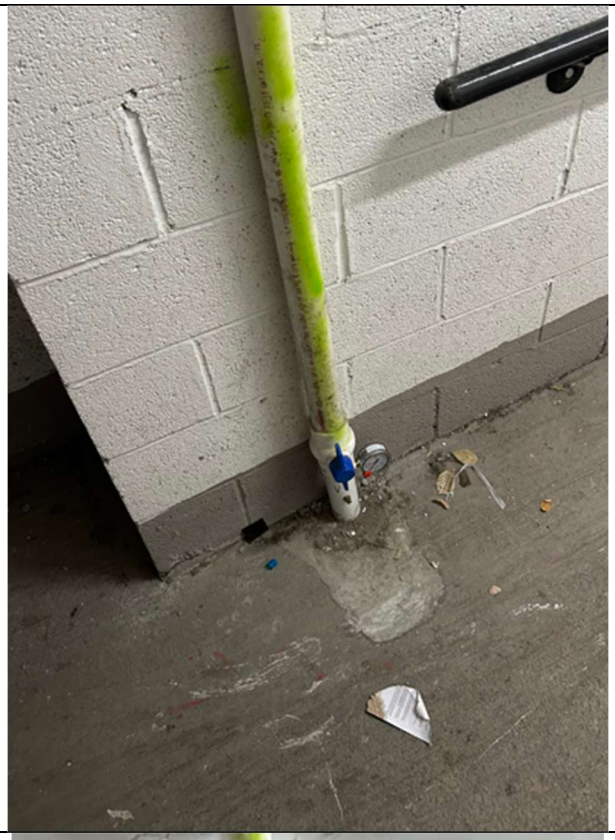
Photo 1 – Suction pit, V-1.		
Photo 2 – Suction pit, V-2.		

Photo 3 – Dwyer Model 2005 gauges too large and bulky for installation on 2-inch diameter piping.	
Photo 4– Differential pressure reading from prior week (3/28/25) at V-4.	

Photo 5 – Pressure not maintained at gauge during the weekly inspection on 4/4/2025.	
Photo 6 – Pressure returned after “burping” the gauge to release any internal pressure. This is an indication that these gauges will not be sufficient for long-term monitoring.	

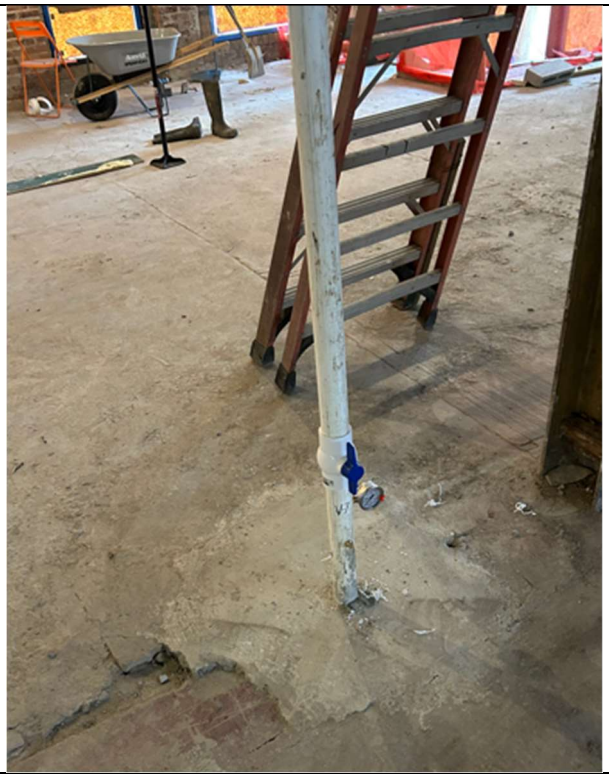
Photo 7 – Close view of differential pressure gauge installed at suction pit, V-7.		
Photo 8 – Suction pit, V-7.		

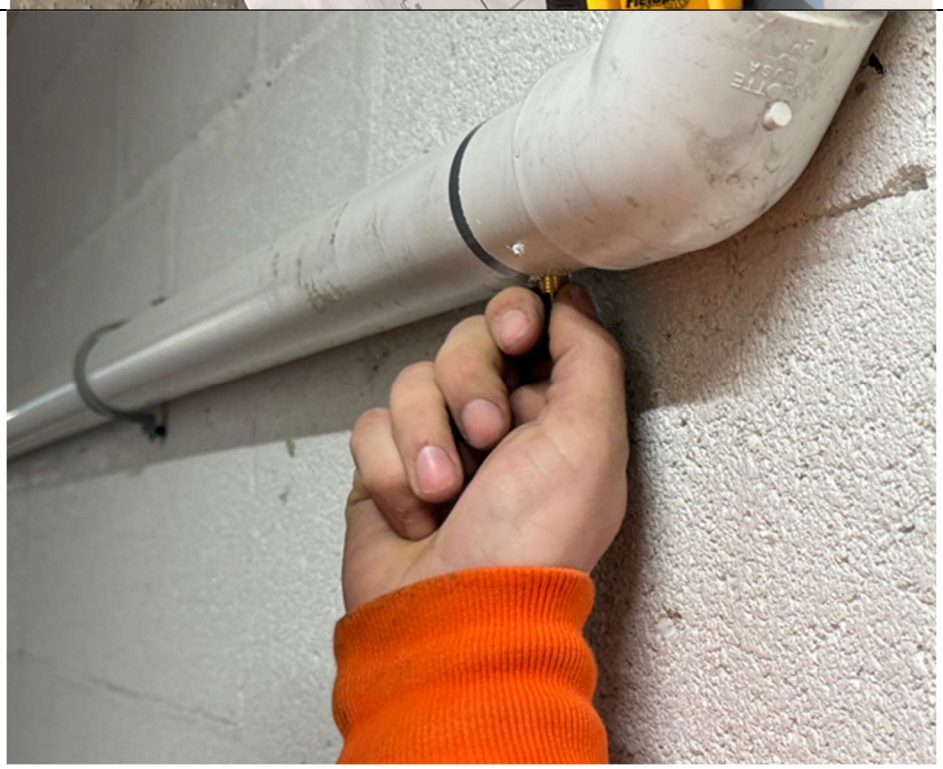
Photo 9 – Airflow-velocity measurement being recorded.	
Photo 10 – Making sure the plugs on the horizontal piping in the hallway on the south side of the building are secure and airtight.	

Photo 11 – Enclosure on the rooftop during inspection.	
Photo 12 – Piping where it enters the sound enclosure.	

Photo 13 – Influent piping entering the sound enclosure.	
Photo 14 – Piping between drums.	

Photo 15 – Blower inside sound enclosure.	
Photo 16 – Sound enclosure with panels back in place.	

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 04/04/2025
Start Time: 08:25
End Time: 11:20
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.030
PV-2RRR	-0.094
PV-3R	-0.116
PV-4RR	-0.058
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.041
PV-8R	-0.024
PV-10RRR	-0.036
PV-11RRR	-0.038

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,188	15°	1.8
V-2	1,142	15°	1.6
V-3	1,203	0°	2.0
V-4	1,418	0°	1.8
V-5	1,021	0°	1.6
V-6	1,104	0°	2.0
V-7	1,110	15°	1.6

1. All ten VMPs were replaced on January 29, 2025. The monthly monitoring was conducted the following day.
2. Each "R" following the VMP# represents a replacement (PV-#R = single replacement, PV-#RR = two replacements).
3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
4. The SSDS Equipment was relocated to the rooftop on 3/14/2025.
5. Differential Pressure Gauges were added to the SSDS risers on 3/28/2025. All gauges had to be "burped" to recalibrate gauges and get readings.
6. * = PV-6RRR is located in a dead zone, possibly within a structural footing, and in an area where a steel plate covers a large area (across most of the recessed slab area).

SSDS Treatment Room	Monitoring Point	Pressure (inches WC)	PID Reading (ppm)	Notes
Before Lead Drum	Gauge PI102	44	No Port	
Before Lag Drum	Gauge PI103 Sample Port	36	0.7	
After Lag Drum	Gauge PI104 Sample Port	18	0.2	
Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**

Is heat exhaust fan operating: **YES**

Is Sensaphone operating: **YES**

Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**

WEEK 4 STATUS REPORT

Prepared By: Jason Gellati

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

BCP Site Number:	C224177	Site Address:	135 Kent Avenue, Brooklyn, NY 11249	Date:	April 11, 2025
Project Name:	Former Cleaner Sales & Equipment Corp. Site				

Consultant: Rock Enviro, LLC Field Manager: Jason Gellati Senior Project Manager: Robert Bennett	Safety Officer: Jason Gellati HASP Onsite
General Contractor: 135 Kent LLC	Site Manager/ Supervisor: Paul Banaszek

Work Activities Performed (Fourth Weekly Inspection After SSDS Equipment Relocation/Modifications – Completed 3/14/2025):

- Drum pickup completed on 4/9/2025. A total of 32 Hazardous Waste drums were removed from the Site.
- Inspection of all system piping and ensured all piping was airtight.
- Round of airflow-velocity measurements at all SSDS pits – fourth week after the SSDS equipment was relocated.
- Round of differential pressure measurements at all monitoring points – fourth week after the SSDS equipment was relocated.
- Inspection of differential pressure gauges at each SSDS pit.

Working Areas: First floor and Rooftop (See Figures 1-2).

Samples Collected (Since Last Report): None.

Disposal: Drum pickup completed on 4/9/2025. A total of 32 Hazardous Waste drums were removed from the Site.

Air Monitoring (Since Last Report): No air monitoring was completed, as there was no intrusive work conducted. Only inspection and monitoring completed today. CAMP was also not required during drum removal. The next air monitoring will take place during trenching work.

Problems Encountered: The differential pressure gauges we installed do not appear to be maintaining consistent readings and therefore may require replacement. This was discussed in detail in the third weekly status report submitted on 4/7/2025.

Planned Activities for the Next Day/ Week:

- Continued weekly inspections and monitoring of SSDS (airflow-velocity measurements & differential pressure readings).
- Sending tenant notification letters to NYSDEC on Friday, 4/11/2025.

Figure 1 – First Floor (Post SSDS Mods)

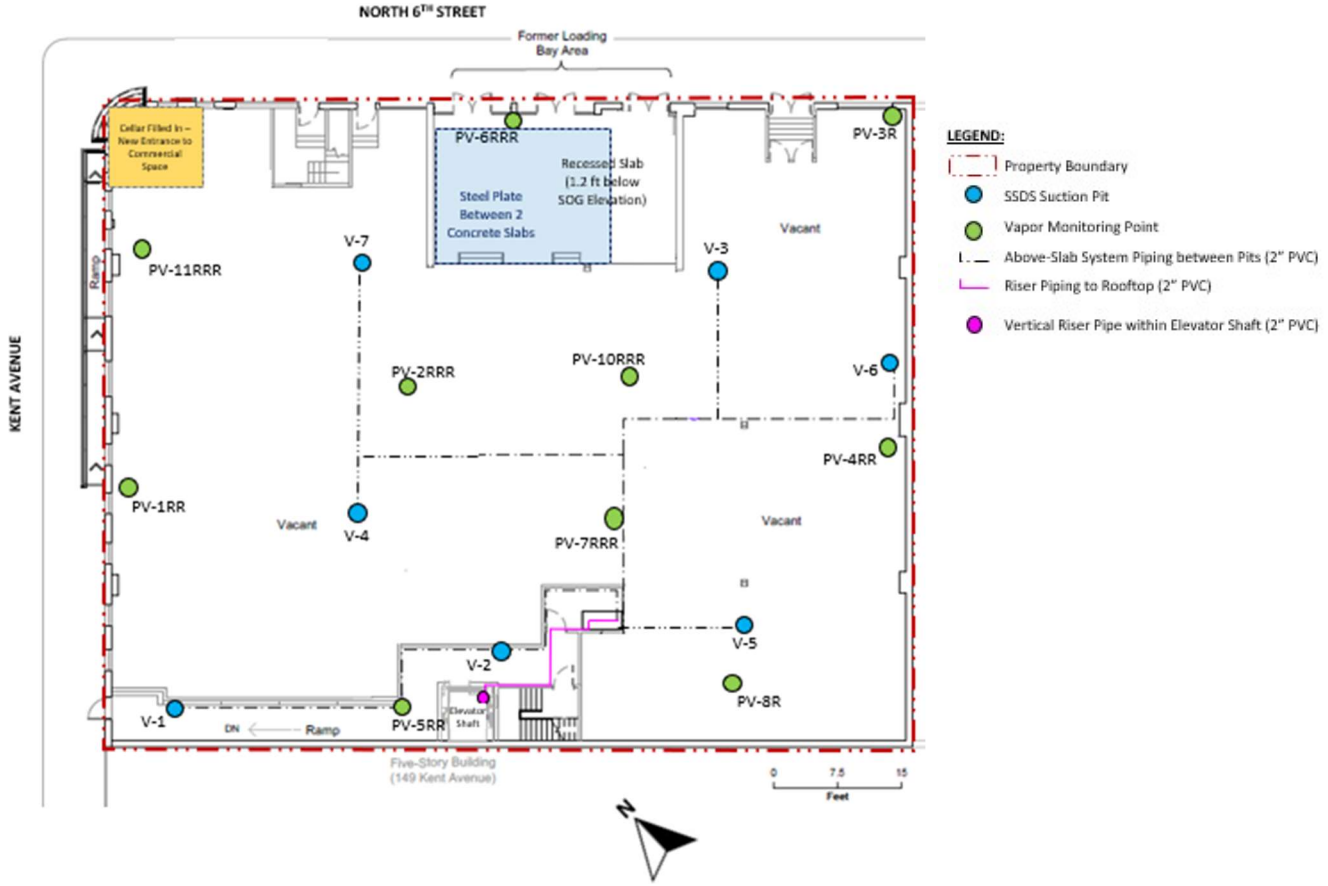


Figure 2 – Rooftop (Post SSDS Mods)

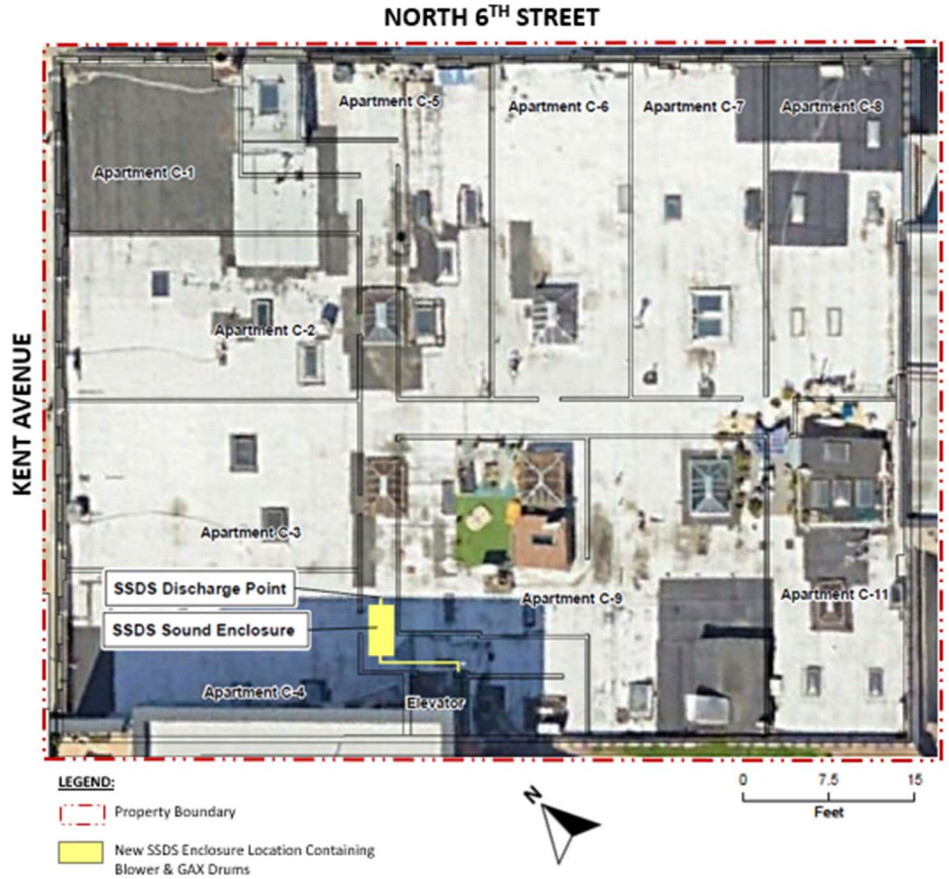


Photo Log

Photo 1 – Bar coded Hazardous Waste Labels provided by the disposal facility were placed on the drums over the hand-written labels.	
Photo 2 – Additional bar coded Hazardous Waste Labels were placed on the lid of each drum.	

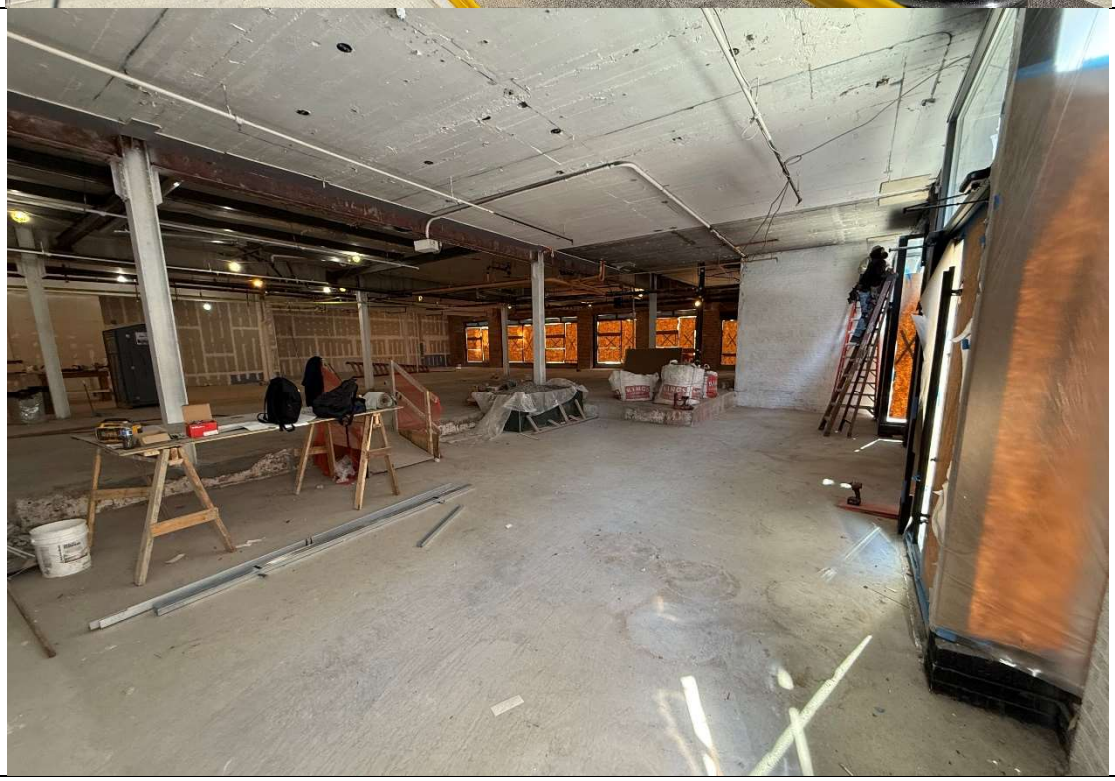
Photo 3 – Drums were loaded into a box truck with a DOT permit for transporting drummed hazardous waste.	
Photo 4– General view of the first floor as seen from the former ramp area (facing southwest, as seen from the side entrance along N. 6th Street).	

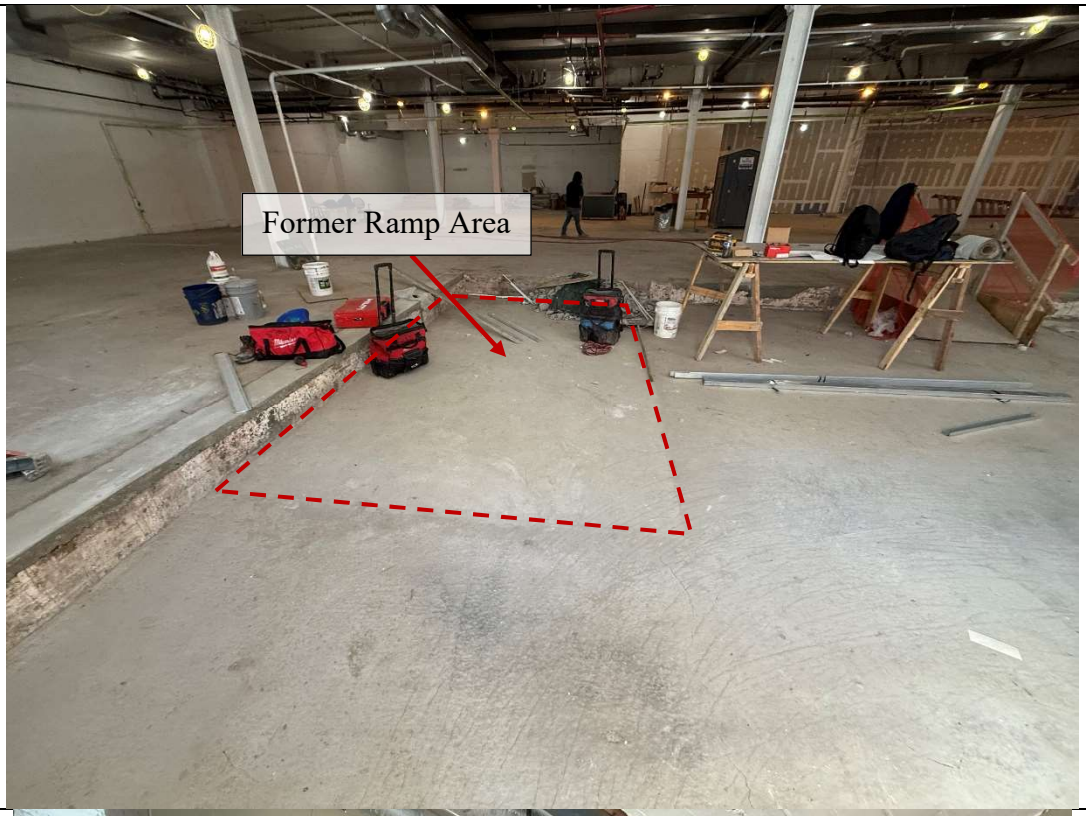
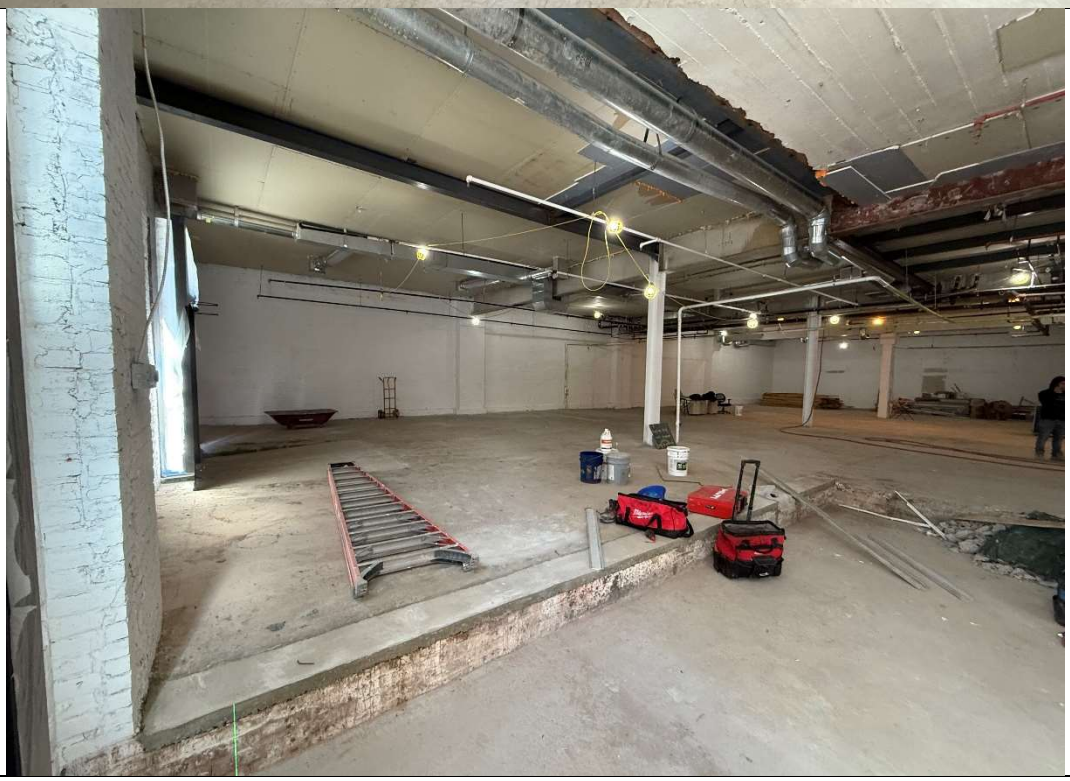
Photo 5 – General view of the first floor as seen from the former ramp area (facing south, as seen from the side entrance along N. 6th Street).	
Photo 6 – General view of the first floor as seen from the former ramp area (facing southeast, as seen from the side entrance along N. 6th Street).	

Photo 7 –

Manifest for the removal of 32 drums of hazardous waste (20 concrete and 12 soil).

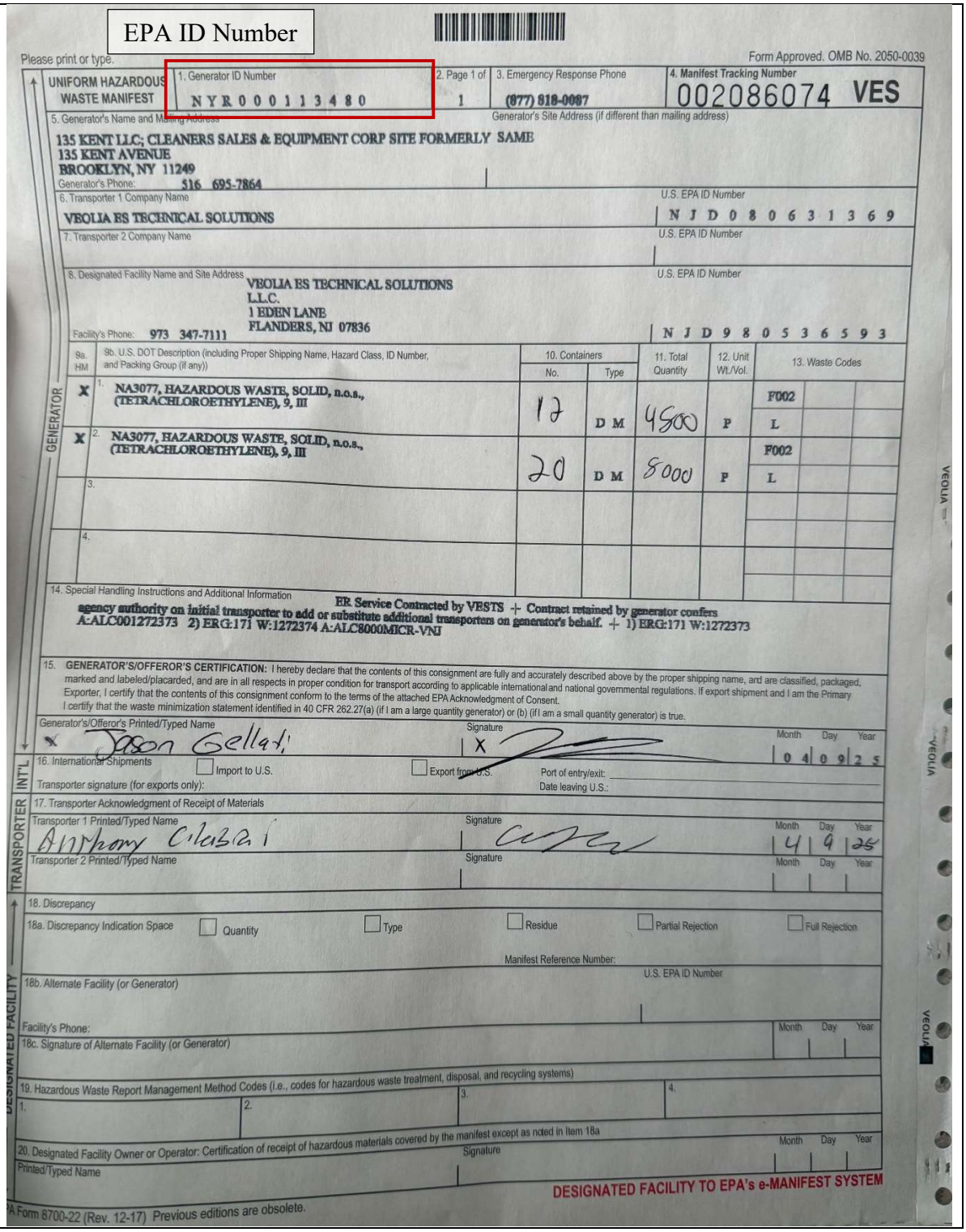


Photo 8 – Properly labelled drums in box truck, ready for offsite transport.		

ACTIVE SSDS MONITORING FORM

Site Address: 135 Kent Avenue, Brooklyn, NY 11249
Site Name: Former Cleaner Sales and Equipment Corp Site
NYSDEC Site: C224177

Date: 04/11/2025
Start Time: 12:05
End Time: 14:50
Field Technician: Jason Gellati
(Rock Enviro Field Manager)

Vapor Monitoring Point (VMP)	Pressure Reading (inches WC)
PV-1RR	-0.028
PV-2RRR	-0.097
PV-3R	-0.103
PV-4RR	-0.055
PV-5RR	-0.001
PV-6RRR	0.000*
PV-7RRR	-0.044
PV-8R	-0.025
PV-10RRR	-0.039
PV-11RRR	-0.032

SSDS Pit ID	Airflow/Velocity (ft/min)	Valve Position (degrees)	Differential Pressure Gauge Reading (in WC)
V-1	1,194	15°	1.9
V-2	1,153	15°	1.5
V-3	1,188	0°	2.2
V-4	1,391	0°	1.8
V-5	1,014	0°	1.7
V-6	1,093	0°	2.3
V-7	1,077	15°	1.8

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3. The SSDS Modifications (SSDS Pit Replacement/Installations & Ramp Removal) were completed 3/6-3/11/2025.
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Ambient Air	NA	NA	0.0	

1. New carbon added to drums on 3/14/2025 during equipment relocation.

Is SSDS blower operating: **YES**

Is heat exhaust fan operating: **YES**

Is Sensaphone operating: **YES**

Evidence of tampering, vandalism or damage to SSDS Enclosure/Equipment: **NO**

Evidence of tampering, vandalism or damage to SSDS Riser Exhaust Stack: **NO**