AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474

February 10, 2026

Madeleine Babick
Project Manager
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Annual Vapor Intrusion Testing Report
Former Pfizer Inc Site D, Block 2269, Lot 1 and 2
58 Gerry Street, Brooklyn, New York
NYCDOB # 321547395
OER Project # 17TMP0546K
VCP # V00350

Dear Ms. Babick:

Attached is the annual Vapor Intrusion Testing Report for the above-mentioned site prepared by AMC Engineering PLLC (AMC) on behalf of 58 Gerry Street, LLC. This report summarizes the indoor air sample results that were collected from December 2, 2025, through December 3, 2025, within the Lot 1 (25 Bartlett Street) and Lot 2 (58 Gerry Street) buildings to evaluate vapor intrusion potential in accordance with the approved June 2018 Site Management Plan (SMP) at the above referenced site.

If you have any questions or comments regarding the attached report, please do not hesitate to contact me.

Very truly yours,

Ariel Czemerinski, PE
AMC Engineering, PLLC

Cc: Barry Ekstein
Ariel Czemerinski, AMC ariel@amc-engineering.com

Background

The Former Pfizer Inc. Sites B and D (the "Site") are defined as the area within the limits of the property boundary as shown in Figure 1 in the County of Kings, New York. The Site was known as Former Site B and D and was divided by the NYSDEC in May of 2014 into the following operable units (OUs):

- OU-1 consists of Former Site D property within Block 2269, Lot 1, 2, 3, and 51.
- OU-2 consists of Former Site B property within Block 2266, Lot 1 and 52.
- OU-3 consists of the remaining Former Site B property within Block 2266, Lots 45-50.

This Annual Vapor Intrusion Testing was performed for Former Site D Lots 1 and 2. Lot 1 and Lot 2 have been developed with two residential buildings (building at 25 Bartlett Street and building at 58 Gerry Street) with commercial tenants on the ground floor that share foundation elements and a common basement slab. The entire footprint of Lots 1 and 2 have a concrete cover with a vapor barrier installed to address soil vapor intrusion from the remaining contaminants in groundwater beneath the Site. Both buildings are built below the groundwater table.

According to the Final Site Management Plan (SMP), approved by the New York State Department of Environmental Conservation (NYSDEC) in June 2018, because the new buildings have foundations extending to the water table, a sub-slab depressurization system was not feasible below the building slab. Therefore, the potential for soil vapor intrusion in new development structures were evaluated with the collection and analysis of indoor air samples. Sampling frequency as per SMP is yearly.

Vapor Intrusion Sampling

Prior to sample collection, AMC inspected the chemical and product inventory observed in both buildings. An Indoor Air Quality Questionnaire and Building Inventory for the two buildings is provided in **Appendix A**. From December 2, 2025, through December 3, 2025, four (two for each building) indoor air samples were collected at the breathing zone: two within the basement level and two at the first floor to determine the potential of soil vapor intrusion into the indoor spaces. In conjunction with the indoor air sampling, one (1) ambient air quality sample was collected at the breathing zone to characterize Site-specific background outdoor air conditions. Samples were collected using 6.0-liter vacuum canisters equipped with laboratory-supplied regulators calibrated to collect a sample over a 24-hour period (for indoor air and ambient air). The five air quality samples were submitted to Phoenix Environmental Laboratories (Manchester, CT) for volatile organic carbon (VOCs) analysis via USEPA Method TO 15.

Results

The results of the sampling were compared to Table 3.1 of the New York State Department of Health (NYSDOH) Air Guideline Values for indoor air in New York State. As the table below

indicates, all regulated parameters on Table 3.1 of the Guidance document were below their regulatory limits.

Parameter (ug/m3)	**Air Guidance Value**	**IA-1**	**IA-2**	**IA-3**	**IA-4**	**AA-5**
Location		58 Gerry St – First Floor	58 Gerry St – Basement	25 Bartlett St – Basement	25 Bartlett St – First Floor	31 Bartlett St - Outdoor
Methylene Chloride	60	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
Tetrachloroethene	30	0.64	0.48	0.37	0.41	< 0.25
Trichloroethene	2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Lab report details are provided in **Appendix B**. **Figure 1** shows the indoor air and outdoor air sampling locations at *25 Bartlett Street* and *58 Gerry Street*. **Table 1** illustrates the results of the indoor and outdoor air sampling.

Summary and Conclusions

Based on the laboratory results, when compared to the NYSDOH Air Guidance Values, all parameters fall below the regulated limit, therefore no further action is warranted with respect to indoor air evaluation.

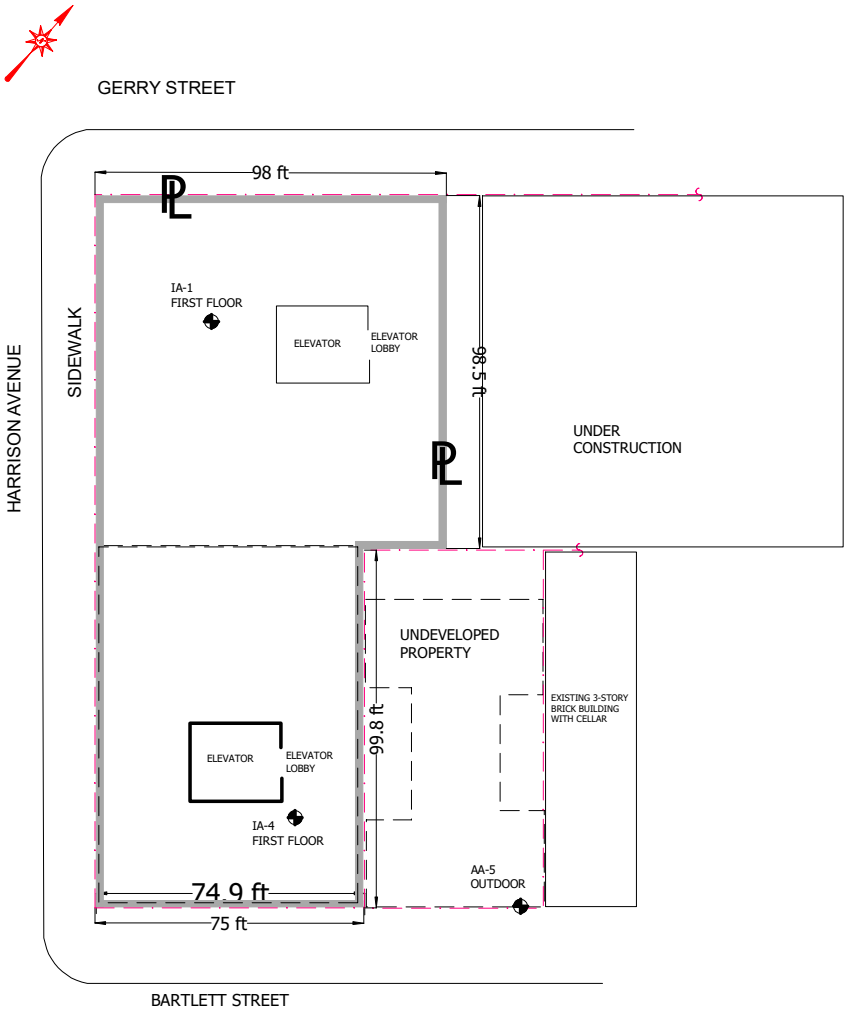
Table 1: Indoor & Ambient/Outdoor Air Sampling Results at 58 Gerry Street and 25 Bartlett Street Building

Table 1. Indoor Air Sampling Results in 58 Gerry Street and 25 Bartlett Avenue Buildings

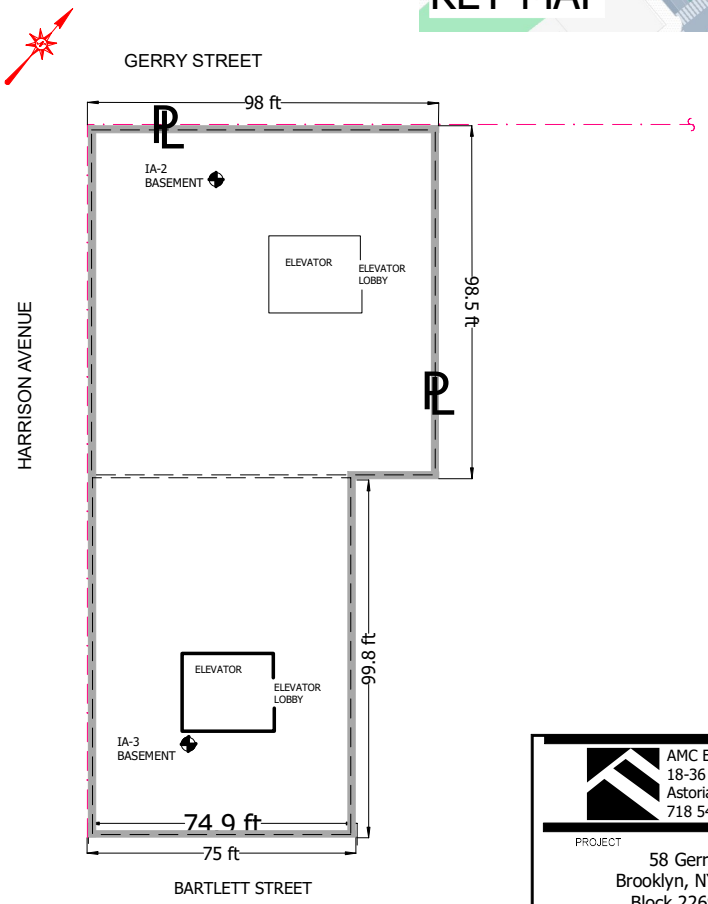
Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : 58 GERRY & 25 BARTLETT	Lab Sample Id Collection Date Client Id		NYSDOH Air Guideline Value	CU88084 12/2/2025 IA-1 (58 GERRY 1ST FLOOR) Air	CU88085 12/2/2025 IA-2 (58 GERRY BASEMENT) Air	CU88088 12/2/2025 IA-3 (25 BARTLETT BASEMENT) Air	CU88087 12/2/2025 IA-4 (25 BARTLETT 1ST FLOOR) Air	CU88086 12/2/2025 AA-5 (AMBIENT / OUTDOOR AIR) Air
Volatiles (TO15) By TO15	**CAS**	**Units**		**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	71-55-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	79-00-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	75-34-3	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	75-35-4	ug/m3		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	95-50-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	107-06-2	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	78-87-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Butadiene	106-99-0	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,3-Dichlorobenzene	541-73-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	106-46-7	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	123-91-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	591-78-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Ethyltoluene	622-96-8	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Isopropyltoluene	99-87-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	67-64-1	ug/m3		11.5	8.05	8.05	9.5	4.87
Acrylonitrile	107-13-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Benzene	71-43-2	ug/m3		1.05	1.03	1.01	< 1.00	< 1.00
Benzyl chloride	100-44-7	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromodichloromethane	75-27-4	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromoform	75-25-2	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Bromomethane	74-83-9	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	75-15-0	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Tetrachloride	56-23-5	ug/m3		0.43	0.47	0.46	0.46	0.46
Chlorobenzene	108-90-7	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloroethane	75-00-3	ug/m3		< 1.00	< 1.00	< 1.00	33.2	< 1.00
Chloroform	67-66-3	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloromethane	74-87-3	ug/m3		1.12	1.06	1.27	1.18	1.08
Cis-1,2-Dichloroethene	156-59-2	ug/m3		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyclohexane	110-82-7	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromochloromethane	124-48-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dichlorodifluoromethane	75-71-8	ug/m3		2.25	2.17	2.19	2.24	2.12
Ethanol	64-17-5	ug/m3		186	84.2	53.9	98.3	45.8
Ethyl acetate	141-78-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Ethylbenzene	100-41-4	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Heptane	142-82-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexachlorobutadiene	87-68-3	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Hexane	110-54-3	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Isooctane	540-84-1	ug/m3		1.11	< 1.00	< 1.00	< 1.00	< 1.00
Isopropylalcohol	67-63-0	ug/m3		7.96	8.67	6.39	84	5.94
Isopropylbenzene	98-82-8	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylene	179601-23-1	ug/m3		1.47	1.33	1.35	1.33	< 1.00
Methyl Ethyl Ketone	78-93-3	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene Chloride	**75-09-2**	**ug/m3**	**60**	**< 3.00**	**< 3.00**	**< 3.00**	**< 3.00**	**< 3.00**
Naphthalene	91-20-3	ug/m3		< 1.05	< 1.05	< 1.05	< 1.05	< 1.05
n-Butylbenzene	104-51-8	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
o-Xylene	95-47-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Propylene	115-07-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
sec-Butylbenzene	135-98-8	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Styrene	100-42-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethene	**127-18-4**	**ug/m3**	**30**	**0.64**	**0.48**	**0.37**	**0.41**	**< 0.25**
Tetrahydrofuran	109-99-9	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	108-88-3	ug/m3		5.12	3.14	3.1	3.57	1.06
Trans-1,2-Dichloroethene	156-60-5	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Trichloroethene	**79-01-6**	**ug/m3**	**2**	**< 0.20**	**< 0.20**	**< 0.20**	**< 0.20**	**< 0.20**
Trichlorofluoromethane	75-69-4	ug/m3		1.09	1.1	1.11	1.1	1.08
Trichlorotrifluoroethane	76-13-1	ug/m3		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Vinyl Chloride	75-01-4	ug/m3		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

NO FURTHER ACTION	
MONITOR	
IDENTIFY SOURCES AND RESAMPLE OR MITIGATE	
MITIGATE	
UNTESTED	NO COLOR

Figure 1: Site Sampling Location



1st Floor and Site Plan



Basement

NOT DRAWN TO SCALE

AMC ENGINEERING PLLC
18-36 42nd Street
Astoria, NY 11105
718 545-0474

PROJECT

58 Gerry St
Brooklyn, NY 11206
Block 2269 Lot1
NYSDEC VCP Site No. V-00350

TITLE:

Site Plan

SEAL & SIGNATURE:

DATE: Feb. 09, 2026
PROJECT No:
DRAWING BY: AH
CHK BY:
DWG No:

IA-1

1 of 1

Appendix A: Soil Vapor Intrusion – and Building Inventory Questionnaire

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

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

Preparer's Name Ahmed Elbadri Date/Time Prepared 12/02/2025, 12:30 PM

Preparer's Affiliation AMC Engineering PLLC Phone No. (718) 545-0474

Purpose of Investigation Indoor Air Quality Evaluation

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

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

Other characteristics:

Number of floors 6 Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

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

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

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

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

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

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

No soil vapor entry points were indicated. No cracks were observed.

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

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

Are there air distribution ducts present? Y / N

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

_____

_____

_____

_____

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	storage units, boiler room, partially under construction
1st Floor	Lobby, commercial spaces
2nd Floor	Apartments
3rd Floor	Apartments
4th Floor	Apartments

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

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

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

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

p. Has there been a pesticide application? Y / N When & Type?_____

Are there odors in the building? Y / (N)
If yes, please describe: _____

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

If yes, what types of solvents are used? _____

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

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

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

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

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

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

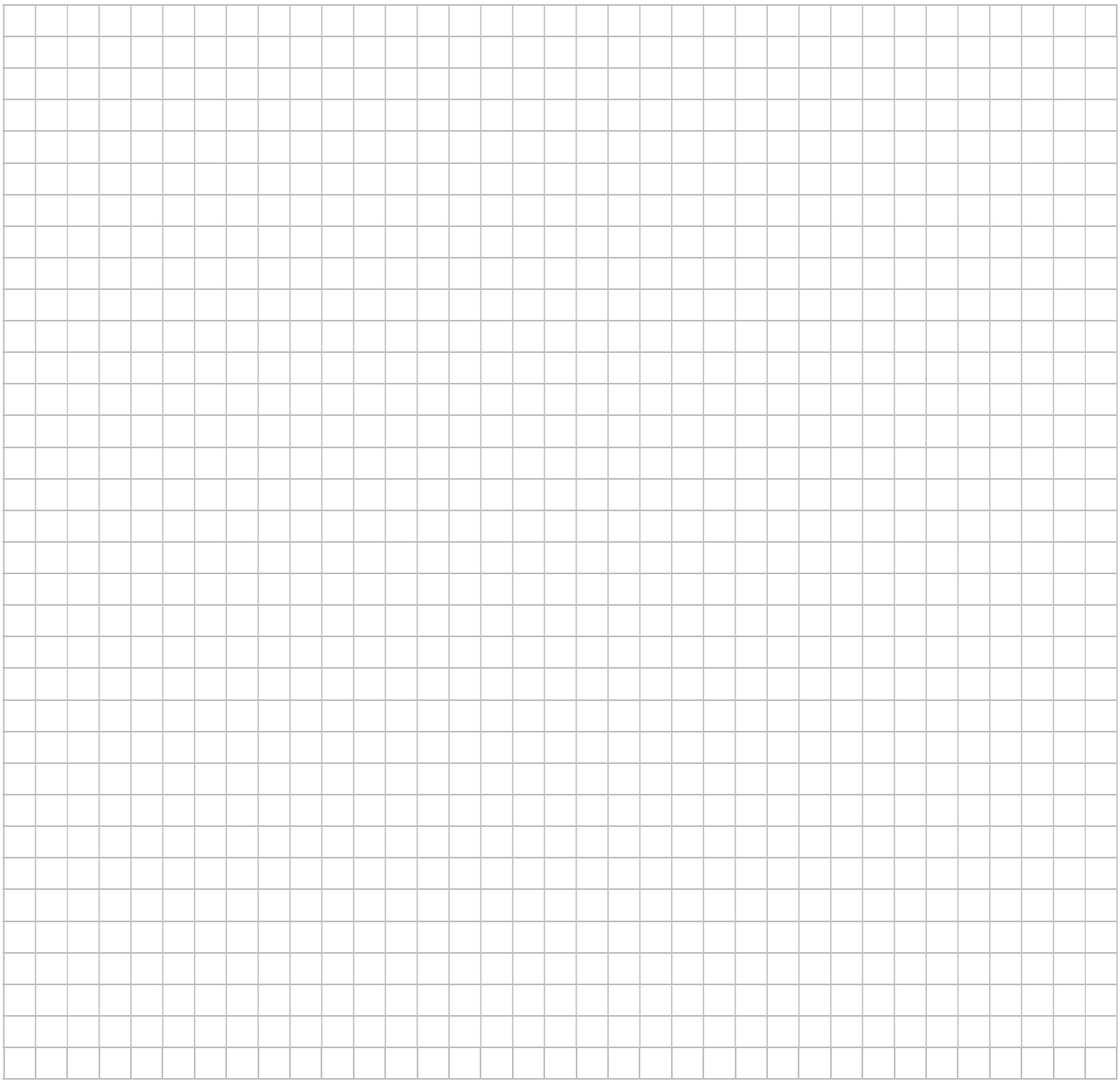
see the attached sampling plan.

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: None

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	None					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix B: Phoenix Laboratory 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

AMC Engineering PLLC

58 GERRY 25 BARTLETT

GCU88084

Ver 1

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Injection Log - CHEM24 11/21/02 213
Injection Log - CHEM39 12/30/99 215
Injection Log - CHEM39 12/05/02 216

Friday, January 09, 2026

Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Project ID: **58 GERRY & 25 BARTLETT**
SDG ID: **GCU88084**
Sample ID#s: CU88084 - CU88088

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: AMC Engineering PLLC

Project: 58 GERRY & 25 BARTLETT

Laboratory Project: GCU88084

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

January 09, 2026 **SDG I.D.: GCU88084**

AMC Engineering PLLC 58 GERRY & 25 BARTLETT

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.

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NY # 11301

NY Analytical Services Protocol Format

January 09, 2026 **SDG I.D.: GCU88084**

AMC Engineering PLLC 58 GERRY & 25 BARTLETT

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU88084	Volatiles (TO15)	12/02/25	12/05/25	12/05/25	KCA	Y
CU88085	Volatiles (TO15)	12/02/25	12/05/25	12/05/25	KCA	Y
CU88086	Volatiles (TO15)	12/02/25	12/05/25	12/05/25	KCA	Y
CU88087	Volatiles (TO15)	12/02/25	12/05/25	12/05/25	KCA	Y
CU88088	Volatiles (TO15)	12/02/25	12/05/25	12/05/25	KCA	Y

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NY # 11301

SDG Comments

January 09, 2026

SDG I.D.: GCU88084

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.
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NY # 11301

Sample Id Cross Reference

January 09, 2026

SDG I.D.: GCU88084

Project ID: 58 GERRY & 25 BARTLETT

Client Id	Lab Id	Matrix	Col Date
IA1 (58 GERRY 1ST FLOOR)	CU88084	AIR	12/02/25 10:15
IA2 (58 GERRY BASEMENT)	CU88085	AIR	12/02/25 10:22
AA5 (AMBIENT / OUTDOOR AIR)	CU88086	AIR	12/02/25 12:02
IA4 (25 BARTLETT 1ST FLOOR)	CU88087	AIR	12/02/25 10:53
IA3 (25 BARTLETT BASEMENT)	CU88088	AIR	12/02/25 10:34

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:15
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4624				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88084

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA1 (58 GERRY 1ST FLOOR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	4.83	*0.421*	0.421	11.5	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.330	*0.313*	0.313	1.05	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA1 (58 GERRY 1ST FLOOR)

Phoenix I.D.: CU88084

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	12/05/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.068		*0.032*	0.032	0.43	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.543		*0.485*	0.485	1.12	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.456		*0.202*	0.202	2.25	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	98.7	E	*0.531*	0.531	186	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	0.239		*0.215*	0.215	1.11	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	3.24		*0.407*	0.407	7.96	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.338		*0.230*	0.230	1.47	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.094		*0.037*	0.037	0.64	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	1.36		*0.266*	0.266	5.12	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.194		*0.178*	0.178	1.09	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	95		*%*	%	95	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:22
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53506				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88085

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA2 (58 GERRY BASEMENT)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	3.39	*0.421*	0.421	8.05	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.324	*0.313*	0.313	1.03	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA2 (58 GERRY BASEMENT)

Phoenix I.D.: CU88085

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	12/05/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.074		*0.032*	0.032	0.47	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.512		*0.485*	0.485	1.06	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.439		*0.202*	0.202	2.17	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	44.7	E	*0.531*	0.531	84.2	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	3.53		*0.407*	0.407	8.67	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.307		*0.230*	0.230	1.33	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.071		*0.037*	0.037	0.48	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.835		*0.266*	0.266	3.14	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.196		*0.178*	0.178	1.10	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	92		*%*	%	92	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	%	96	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	12:02
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53535				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88086

Project ID: 58 GERRY & 25 BARTLETT
Client ID: AA5 (AMBIENT / OUTDOOR AIR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	2.05	*0.421*	0.421	4.87	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: AA5 (AMBIENT / OUTDOOR AIR)

Phoenix I.D.: CU88086

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	12/05/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073	*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.521	*0.485*	0.485	1.08	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.429	*0.202*	0.202	2.12	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	24.3	*0.531*	0.531	45.8	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	2.42	*0.407*	0.407	5.94	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.282	*0.266*	0.266	1.06	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.192	*0.178*	0.178	1.08	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	%	100	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	%	99	*%*	%	12/05/25	KCA	1	

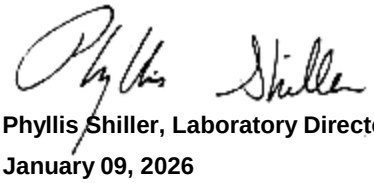
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:53
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28623				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88087

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA4 (25 BARTLETT 1ST FLOOR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	4.00	*0.421*	0.421	9.50	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA4 (25 BARTLETT 1ST FLOOR)

Phoenix I.D.: CU88087

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	12/05/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073		*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	12.6		*0.379*	0.379	33.2	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.570		*0.485*	0.485	1.18	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.453		*0.202*	0.202	2.24	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	52.2	E	*0.531*	0.531	98.3	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	34.2		*0.407*	0.407	84.0	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.307		*0.230*	0.230	1.33	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.061		*0.037*	0.037	0.41	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.947		*0.266*	0.266	3.57	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.196		*0.178*	0.178	1.10	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:34
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53539				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88088

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA3 (25 BARTLETT BASEMENT)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	3.39	*0.421*	0.421	8.05	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.315	*0.313*	0.313	1.01	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA3 (25 BARTLETT BASEMENT)

Phoenix I.D.: CU88088

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	12/05/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073	*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.613	*0.485*	0.485	1.27	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.444	*0.202*	0.202	2.19	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	28.6	*0.531*	0.531	53.9	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	2.60	*0.407*	0.407	6.39	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.311	*0.230*	0.230	1.35	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.055	*0.037*	0.037	0.37	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.823	*0.266*	0.266	3.10	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.198	*0.178*	0.178	1.11	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	92	*%*	%	92	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	91	*%*	%	91	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Location Code: AMC-ENG

SDG I.D.: GCU88084

Project ID: 58 GERRY & 25 BARTLETT

						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
IA1 (58 GERRY 1ST F	CU88084	4624	6.0L	10604	11/26/25	-30	-7	3.26	3.3	1.2	-29	-7	12/02/25 10:15	12/03/25 10:15
IA2 (58 GERRY BASE	CU88085	53506	6.0L	10689	11/26/25	-30	-8	3.17	3.27	3.1	-30	-13	12/02/25 10:21	12/03/25 10:22
AA5 (AMBIENT / OUT	CU88086	53535	6.0L	3512	11/26/25	-30	-5	3.3	3.23	2.1	-29	-7	12/02/25 12:05	12/03/25 12:02
IA4 (25 BARTLETT 1S	CU88087	28623	6.0L	10594	11/26/25	-30	-10	3.05	3.12	2.3	-30	-11	12/02/25 10:53	12/03/25 10:53
IA3 (25 BARTLETT BA	CU88088	53539	6.0L	5656	11/26/25	-30	-8	3.21	3.17	1.3	-30	-9	12/02/25 10:34	12/03/25 10:34

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

NY # 11301

QA/QC Report

January 09, 2026

QA/QC Data

SDG I.D.: GCU88084

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 817378 (ppbv), QC Sample No: CU88086 (CU88084, CU88085, CU88086, CU88087, CU88088)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	100	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	94	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	79	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	96	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	91	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	90	4.87	4.80	2.05	2.02	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	104	0.46	0.45	0.073	0.071	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	106	1.08	1.03	0.521	0.500	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	103	2.12	2.12	0.429	0.428	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCU88084

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	109	45.8	46.7	24.3	24.8	2.0	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	104	5.94	6.07	2.42	2.47	2.0	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	91	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	94	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	80	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	92	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	92	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	94	1.06	1.12	0.282	0.298	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	96	1.08	1.08	0.192	0.193	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	98	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	99	101	105	101	105	NC	70 - 130	25
% IS-1,4-Difluorobenzene	113	%	113	%	104	100	97	100	97	NC	60 - 140	25
% IS-Bromochloromethane	112	%	112	%	101	101	96	101	96	NC	60 - 140	25
% IS-Chlorobenzene-d5	110	%	110	%	112	99	93	99	93	NC	60 - 140	25

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

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

Phyllis Shiller, Laboratory Director
January 09, 2026

Sample Criteria Exceedances Report

GCU88084 - AMC-ENG

Criteria: NY: AIRIA

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU88084	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.068	0.032	0.032	0.032	ppbv
CU88085	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.074	0.032	0.032	0.032	ppbv
CU88086	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv
CU88087	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv
CU88088	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv

PHOENIX Environmental Laboratories, Inc.

[redacted]

AMC-ENG

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Data Delivery:
- ☐ Fax #:
- ☐ Email:
- ☐ Phone #:

Report to:	Anjeza Harrington	Project Name: 58 Gerry & 25 Bartlett	Data Format: (Circle) Equis Excel Other:
Customer:	AMC Engineering PLLC	Invoice to: AMC Engineering PLLC	Requested Deliverable: RCP (ASP CAT B)
Address:	18-36 42nd Street	18-36 42nd Street	MCP NJ Deliverables
18315	Astoria, NY 11105	Sampled by: Ahmed Elbadri	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	
	Not used	53537	6.0L	-30		3968	3.27										
88084	IA1 (58 Gerry - 1st flor)	4624	6.0L	-30	-7	10604	3.26	10:15AM	10:15M	12/2	-29	-7	X			X	
88085	IA2 (58 Gerry - Basement)	53506	6.0L	-30	-8	10689	3.17	10:21M	10:22M	12/2	-30	-13	X			X	
88086	AA5 (Ambient/outdoor air)	53535	6.0L	-30	-5	3512	3.3	12:05PM	12:02PM	12/2	-29	-7	X			X	
88087	IA4(25 Bartlett - 1st floor)	28623	6.0L	-30	-10	10594	3.05	10:57AM	10:57A	12/2	-30	-11	X			X	
88088	IA3 (25 Bartlett - Basement)	53539	6.0L	-30	-8	5656	3.21	10:34AM	10:34M	12/2	-30	-9	X			X	
	Not used	53447	6.0L	-30		39835	3.16										
	Not used	53520	6.0L	-30		10557	3.25										

Relinquished by:	Accepted by:	Date:	Time:
(AE)		12/4/25	1100
		12/4/25	18:04

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: (AE) Date: 12/4/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(8) - 6.0L 24 hr

* Reid @ PEL unused (BH)

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

PHOENIX
Environmental Laboratories, Inc.

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

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: AMC Engineering PLLC

58 GERRY & 25 BARTLETT

Laboratory Project: GCU88084

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.

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

NY # 11301

SDG: GCU88084

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 58 GERRY & 25 BARTLETT, AMC Engineering PLLC

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: CU88086 LCS
All LCS recoveries met criteria with the following exceptions: None.

Form 4 (Method Blank):

File: CHEM39 1205_05.D
All compounds were non-detect with the following exceptions: None.

Form 5 (Tune):

File: CHEM39 1116_04.D
All Tune criteria was met with the following exceptions: None.

File: CHEM39 1205_02.D
All Tune criteria was met with the following exceptions: None.

Form 6 (Initial Calibration):

Calibration: CHEM39 11/16/25 - 11/16/25
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: None.

Form 7 (Continuing Calibration):

File: CHEM39 1205_02.D (Opening)
99% of method compounds met criteria.
The following compounds did not meet maximum % deviations: 1,2,4-Trichlorobenzene(sim) 30.5% (30)

File: CHEM39 1205_27.D (Closing)
The following compounds did not meet maximum % deviations: 1,2,4-Trichlorobenzene(sim) 36.6% (30)

Form 8 (Internal Standard and Retention Time):

File: CHEM39 - 39_AIR_1116.M / 1205_02.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_1116.M / 1205_02.D Sim

PHOENIX
Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG: GCU88084

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: 58 GERRY & 25 BARTLETT, AMC Engineering PLLC

All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_1116.M / Average Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM39 - 39_AIR_1116.M / Average Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

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.

01/08/26

Alejandro Paredes

Project Manager

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SDG: GCU88084

QC Batch Id: 817378 QC Sample Id: CU88086

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CU88086 LCS	CU88086 LCS	99				0
02	CU88086 BLANK	CU88086 BLANK	100				0
03	AA5 (AMBIENT / OUTDOOR	CU88086	101				0
04	AA5 (AMBIENT / OUTDOOR	CU88086 DUP	105				0
05	IA1 (58 GERRY 1ST FLOOR)	CU88084	105				0
06	IA2 (58 GERRY BASEMENT)	CU88085	100				0
07	IA4 (25 BARTLETT 1ST FLO	CU88087	105				0
08	IA3 (25 BARTLETT BASEME	CU88088	101				0
09							
10							
11							
12							
13							
14							
15							
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19							
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24							
25							
26							
27							
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

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No: SAS No: SDG No GCU88084

LCS - Client Id: CU88086 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		10.23	102	70	130
Dichlorodifluoromethane	10		10.32	103	70	130
Chloromethane	10		10.63	106	70	130
1,2-Dichlorotetrafluoroethane	10		10.24	102	70	130
Vinyl Chloride	10		9.825	98	70	130
1,3-Butadiene	10		10.13	101	70	130
Bromomethane	10		9.435	94	70	130
Chloroethane	10		9.499	95	70	130
Ethanol	10		10.86	109	70	130
Acetone	10		9.000	90	70	130
Trichlorofluoromethane	10		9.624	96	70	130
Isopropylalcohol	10		10.41	104	70	130
Acrylonitrile	10		12.18	122	70	130
1,1-Dichloroethene	10		9.743	97	70	130
Methylene Chloride	10		9.434	94	70	130
Carbon Disulfide	10		9.536	95	70	130
Trichlorotrifluoroethane	10		9.366	94	70	130
Trans-1,2-Dichloroethene	10		9.682	97	70	130
1,1-Dichloroethane	10		9.630	96	70	130
Methyl tert-butyl ether(MTBE)	10		9.597	96	70	130
Methyl Ethyl Ketone	10		10.17	102	70	130
Cis-1,2-Dichloroethene	10		9.256	93	70	130
Hexane	10		9.727	97	70	130
Chloroform	10		9.636	96	70	130
Ethyl acetate	10		10.17	102	70	130
Tetrahydrofuran	10		9.707	97	70	130
1,2-Dichloroethane	10		9.946	99	70	130
1,1,1-Trichloroethane	10		9.980	100	70	130
Benzene	10		9.384	94	70	130
Carbon Tetrachloride	10		10.44	104	70	130
Cyclohexane	10		8.995	90	70	130
1,2-dichloropropane	10		9.399	94	70	130
Bromodichloromethane	10		9.783	98	70	130
Trichloroethene	10		9.344	93	70	130
2,2,4-trimethylpentane	10		9.477	95	70	130
1,4-Dioxane	10		9.152	92	70	130
Heptane	10		10.19	102	70	130
cis-1,3-Dichloropropene	10		9.838	98	70	130
4-Methyl-2-pentanone(MIBK)	10		9.579	96	70	130
trans-1,3-Dichloropropene	10		10.15	102	70	130
1,1,2-Trichloroethane	10		9.425	94	70	130
Toluene	10		9.368	94	70	130
Dibromochloromethane	10		9.930	99	70	130
2-Hexanone(MBK)	10		9.596	96	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No: SAS No: SDG No GCU88084

LCS - Client Id: CU88086 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		9.758	98	70	130
Tetrachloroethene	10		9.221	92	70	130
1,1,1,2-Tetrachloroethane	10		9.355	94	70	130
Chlorobenzene	10		9.463	95	70	130
Ethylbenzene	10		9.662	97	70	130
m,p-Xylene	20		19.83	99	70	130
Bromoform	10		9.960	100	70	130
Styrene	10		9.930	99	70	130
1,1,2,2-Tetrachloroethane	10		9.786	98	70	130
o-Xylene	10		9.787	98	70	130
Isopropylbenzene	10		9.138	91	70	130
4-Ethyltoluene	10		9.802	98	70	130
1,3,5-Trimethylbenzene	10		10.14	101	70	130
1,2,4-Trimethylbenzene	10		10.07	101	70	130
Benzyl chloride	10		10.82	108	70	130
1,3-Dichlorobenzene	10		9.617	96	70	130
1,4-Dichlorobenzene	10		9.795	98	70	130
sec-Butylbenzene	10		9.372	94	70	130
4-Isopropyltoluene	10		9.073	91	70	130
1,2-Dichlorobenzene	10		9.499	95	70	130
n-Butylbenzene	10		9.215	92	70	130
1,2,4-Trichlorobenzene	10		7.884	79	70	130
Naphthalene	10		8.042	80	70	130
Hexachlorobutadiene	10		7.841	78	70	130

FORM III AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CU88086 BLANK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Lab File ID: 1205_05.D Lab Sample ID: CU88086 BLK

Date Analyzed: 12/05/2025 Time Analyzed: 13:04

GC Column: RTX-1 ; #10157 Lab Batch ID: 817378

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	CU88086 LCS	CU88086 LCS	1205_04.D	12:29
02	AA5 (AMBIENT / OUTDOC	CU88086	1205_08.D	15:02
03	AA5 (AMBIENT / OUTDOC	CU88086 DUP	1205_09.D	15:42
04	IA1 (58 GERRY 1ST FLOC	CU88084	1205_10.D	16:22
05	IA2 (58 GERRY BASEMEN	CU88085	1205_11.D	17:03
06	IA4 (25 BARTLETT 1ST FL	CU88087	1205_12.D	17:46
07	IA3 (25 BARTLETT BASEN	CU88088	1205_13.D	18:27
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS:

FORM IV AIR

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Lab File ID: 1116_04.D BFB Injection Date: 11/16/25

Instrument ID: CHEM39 BFB Injection Time: 15:12

GC Column: RTX-1 ; #10157 Heated Purge: (Y/N) Y

AutoFind: Scans 1082, 1083, 1084; Background Corrected with Scan 1076

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	37.2			
75	30.0 - 66.0% of mass 95	59.7			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.7			
173	Less than 2.0% of mass 174	0.9	(	0.9	)1
174	50.0 - 120.0% of mass 95	94.6			
175	4.0 - 9.0% of mass 174	7.3	(	6.9	)1
176	93.0 - 101.0% of mass 174	97.2	(	92.0	)1
177	5.0 - 9.0% of mass 176	6.7	(	6.1	)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	1116_05.D	11/16/25	15:49	
02	ICAL 0.02	0.02 ppbv	1116_06.D	11/16/25	16:26	
03	ICAL 0.035	0.035 ppbv	1116_07.D	11/16/25	17:05	
04	ICAL 0.05	0.05 ppbv	1116_08.D	11/16/25	17:45	
05	ICAL 0.1	0.10 ppbv	1116_09.D	11/16/25	18:21	
06	ICAL 0.2	0.20 ppbv	1116_10.D	11/16/25	18:58	
07	ICAL 0.5	0.5 ppbv	1116_11.D	11/16/25	19:37	
08	ICAL 2.5	2.5 ppbv	1116_12.D	11/16/25	20:16	
09	ICAL 5	5.0 ppbv	1116_13.D	11/16/25	20:53	
10	ICAL 25	25 ppbv	1116_14.D	11/16/25	21:32	
11	ICAL 40	40 ppbv	1116_15.D	11/16/25	22:14	
12	ICAL 1	1.0 ppbv	1116_16.D	11/16/25	22:51	
13	ICAL 10	10.0 ppbv	1116_17.D	11/16/25	23:29	
14	ICV_CHEM39_1116	10 ppbv LCs	1116_18.D	11/17/25	00:09	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_04.D
Acq On : 16 Nov 2025 3:12 pm
Operator :
Sample : 0/0
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Title : VOA Standards for 5 point calibration
Last Update : Mon Nov 17 10:31:31 2025

AutoFind: Scans 1082, 1083, 1084; Background Corrected with Scan 1076

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	37.2	71203	PASS
75	95	30	66	59.7	114467	PASS
95	95	100	100	100.0	191595	PASS
96	95	5	9	6.7	12748	PASS
173	174	0.00	2	0.9	1650	PASS
174	95	50	120	94.6	181251	PASS
175	174	4	9	7.3	13155	PASS
176	174	93	101	97.2	176173	PASS
177	176	5	9	6.7	11771	PASS

39_AIR_1116.M Mon Nov 17 10:32:04 2025

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Lab File ID: 1205_02.D BFB Injection Date: 12/05/25

Instrument ID: CHEM39 BFB Injection Time: 11:11

GC Column: RTX-1 ; #10157 Heated Purge: (Y/N) Y

AutoFind: Scans 1082, 1083, 1084; Background Corrected with Scan 1076

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	39.8			
75	30.0 - 66.0% of mass 95	61.8			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.8			
173	Less than 2.0% of mass 174	0.8	(	0.9	)1
174	50.0 - 120.0% of mass 95	91.1			
175	4.0 - 9.0% of mass 174	7.8	(	7.1	)1
176	93.0 - 101.0% of mass 174	97.3	(	88.6	)1
177	5.0 - 9.0% of mass 176	6.5	(	5.7	)1

1-Value is % mass 95

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

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb cCal; TO1516S	1205_02.D	12/05/25	11:11	
02	CU88086 LCS	CU88086 LCS	1205_04.D	12/05/25	12:29	
03	CU88086 BLANK	CU88086 BLANK	1205_05.D	12/05/25	13:04	
04	AA5 (AMBIENT / OUTDOOR	CU88086	1205_08.D	12/05/25	15:02	
05	AA5 (AMBIENT / OUTDOOR	CU88086 DUP	1205_09.D	12/05/25	15:42	
06	IA1 (58 GERRY 1ST FLOOR	CU88084	1205_10.D	12/05/25	16:22	
07	IA2 (58 GERRY BASEMENT	CU88085	1205_11.D	12/05/25	17:03	
08	IA4 (25 BARTLETT 1ST FLO	CU88087	1205_12.D	12/05/25	17:46	
09	IA3 (25 BARTLETT BASEME	CU88088	1205_13.D	12/05/25	18:27	
10	CCCAL 1	1ppb cCal; TO1516S	1205_27.D	12/06/25	07:47	
11						
12						
13						
14						
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16						
17						
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20						
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22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Sample : 1ppb cCal; TO1516S
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_1116.M
Title : VOA Standards for 5 point calibration
Last Update : Mon Nov 17 10:36:36 2025

AutoFind: Scans 1082, 1083, 1084; Background Corrected with Scan 1076

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	39.8	65128	PASS
75	95	30	66	61.8	101077	PASS
95	95	100	100	100.0	163477	PASS
96	95	5	9	6.8	11060	PASS
173	174	0.00	2	0.9	1280	PASS
174	95	50	120	91.1	148963	PASS
175	174	4	9	7.7	11540	PASS
176	174	93	101	97.3	144904	PASS
177	176	5	9	6.5	9350	PASS

39_AIR_1116.M Fri Dec 05 12:52:47 2025

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCU88084

Lab Method / File Id: 39_AIR_1116.M / Average Date Analyzed: 11/16/25

Instrument ID: CHEM39 Time Analyzed: 22:51

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	114152		7.21		394760		8.39		216871		10.90				Average
	UPPER LIMIT	160384		7.54		554638		8.72		304704		11.23				Average
	LOWER LIMIT	67921		6.88		234882		8.06		129038		10.57				Average
	CLIENT ID															
01	ICAL 0.2	113093		7.21		393349		8.39		196095		10.90				1116_10.D
02	ICAL 0.5	112873		7.21		389531		8.39		192353		10.90				1116_11.D
03	ICAL 2.5	110037		7.21		387484		8.39		195550		10.90				1116_12.D
04	ICAL 5	107647		7.22		374982		8.39		196917		10.90				1116_13.D
05	ICAL 25	114483		7.21		383689		8.39		241811		10.90				1116_14.D
06	ICAL 40	120836		7.22		417551		8.39		289648		10.91				1116_15.D
07	ICAL 1	121984		7.22		420075		8.39		206677		10.90				1116_16.D
08	ICAL 10	112264		7.22		391420		8.39		215917		10.90				1116_17.D
09	ICV_CHEM39_1116	114327		7.21		390261		8.39		209737		10.90				1116_18.D
10																
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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
Sim Scan

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCU88084

Lab Method / File Id: 39_AIR_1116.M / Average Date Analyzed: 11/16/25

Instrument ID: CHEM39 Time Analyzed: 22:51

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	114525		7.21		394491		8.39		199162		10.90				Average
	UPPER LIMIT	160908		7.54		554260		8.72		279823		11.23				Average
	LOWER LIMIT	68142		6.88		234722		8.06		118501		10.57				Average
	CLIENT ID															
01	ICAL 0.01	118515		7.21		414153		8.39		203743		10.90				1116_05.D
02	ICAL 0.02	116918		7.21		397029		8.39		198820		10.90				1116_06.D
03	ICAL 0.035	113798		7.21		384398		8.39		198612		10.90				1116_07.D
04	ICAL 0.05	112620		7.21		386394		8.39		188509		10.90				1116_08.D
05	ICAL 0.1	113957		7.21		400445		8.39		197594		10.90				1116_09.D
06	ICAL 0.2	114758		7.21		393349		8.39		196095		10.90				1116_10.D
07	ICAL 0.5	112846		7.21		389673		8.39		192353		10.90				1116_11.D
08	ICAL 2.5	112078		7.21		387484		8.39		195478		10.90				1116_12.D
09	ICAL 5	109112		7.21		374982		8.39		196915		10.90				1116_13.D
10	ICAL 1	121375		7.21		420075		8.39		206747		10.90				1116_16.D
11	ICAL 10	113798		7.21		391420		8.39		215917		10.90				1116_17.D
12																
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21																
22																

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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: AMC-ENG

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCU88084

Lab Method / File Id: 39_AIR_1116.M / 1205_02.D Date Analyzed: 12/05/25

Instrument ID: CHEM39 Time Analyzed: 11:11

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	106864		7.21		368023		8.39		183446		10.90				1205_02.D
	UPPER LIMIT	150144		7.54		517072		8.72		257742		11.23				1205_02.D
	LOWER LIMIT	63584		6.88		218974		8.06		109150		10.57				1205_02.D
	CLIENT ID															
01	CCAL 1	106864		7.21		368023		8.39		183446		10.90				1205_02.D
02	CU88086 LCS	108312		7.22		381431		8.39		205008		10.90				1205_04.D
03	CU88086 BLANK	119834		7.21		417568		8.39		202304		10.90				1205_05.D
04	AA5 (AMBIENT / OUTDOO	108427		7.22		368966		8.39		181268		10.90				1205_08.D
05	AA5 (AMBIENT / OUTDOO	103109		7.22		355683		8.40		169774		10.90				1205_09.D
06	IA1 (58 GERRY 1ST FLOO	101296		7.22		345916		8.40		172457		10.90				1205_10.D
07	IA2 (58 GERRY BASEMEN	98803		7.22		345797		8.39		175354		10.90				1205_11.D
08	IA4 (25 BARTLETT 1ST FL	99456		7.21		345794		8.39		168155		10.90				1205_12.D
09	IA3 (25 BARTLETT BASEM	97147		7.21		338705		8.39		167247		10.90				1205_13.D
10	CCCAL 1	105464		7.21		363633		8.39		183133		10.90				1205_27.D
11																
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22																

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FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCU88084

Lab Method / File Id: 39_AIR_1116.M / 1205_02.D Date Analyzed: 12/05/25

Instrument ID: CHEM39 Time Analyzed: 11:11

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	108145		7.21		368023		8.39		183374		10.90				1205_02.D
	UPPER LIMIT	151944		7.54		517072		8.72		257640		11.23				1205_02.D
	LOWER LIMIT	64346		6.88		218974		8.06		109108		10.57				1205_02.D
	CLIENT ID															
01	CCAL 1	108145		7.21		368023		8.39		183374		10.90				1205_02.D
02	CU88086 LCS	109862		7.21		381553		8.39		205008		10.90				1205_04.D
03	CU88086 BLANK	119936		7.21		417568		8.39		202745		10.90				1205_05.D
04	AA5 (AMBIENT / OUTDOO	108237		7.22		369088		8.39		181268		10.90				1205_08.D
05	AA5 (AMBIENT / OUTDOO	105082		7.21		355683		8.40		170127		10.90				1205_09.D
06	IA1 (58 GERRY 1ST FLOO	102712		7.21		345916		8.40		172369		10.90				1205_10.D
07	IA2 (58 GERRY BASEMEN	101788		7.21		345797		8.39		175354		10.90				1205_11.D
08	IA4 (25 BARTLETT 1ST FL	102332		7.21		345794		8.39		168048		10.90				1205_12.D
09	IA3 (25 BARTLETT BASEM	99908		7.21		338806		8.39		167390		10.90				1205_13.D
10	CCCAL 1	107539		7.21		363791		8.39		183225		10.90				1205_27.D
11																
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FORM VIII VOA

1

AIR ANALYSIS DATA SHEET

CLIENT ID: IA1 (58 GERRY 1ST FLOOR)

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88084

Canister: 4624 Lab File ID: 1205_10.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.456		0.202	0.202	r
74-87-3	Chloromethane	0.543		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	98.7	ES	0.531	0.531	r
67-64-1	Acetone	4.83	S	0.421	0.421	r
67-63-0	Isopropylalcohol	3.24	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.330		0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.239		0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	1.36		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

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

Client:	AMC-ENG	Lab:	Phoenix Env. Labs	IA1 (58 GERRY 1ST FLOOR)	
SDG No.:	GCU88084			Lab Sample ID:	CU88084
Canister:	4624			Lab File ID:	1205_10.D
Instrument:	CHEM39	Column:	ΓX-1 ; #10157	Date Received:	12/04/25
Purge Volume	200 (cc)			Date Analyzed:	12/05/25
Matrix:	AIR			Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.194		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)	0.068		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.094		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)	0.338		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_10.D
Acq On : 5 Dec 2025 4:22 pm
Operator :
Client ID : IA1 (58 GERRY 1ST FLOOR)
Lab ID : CU88084
ALS Vial : 5 Sample Multiplier: 1

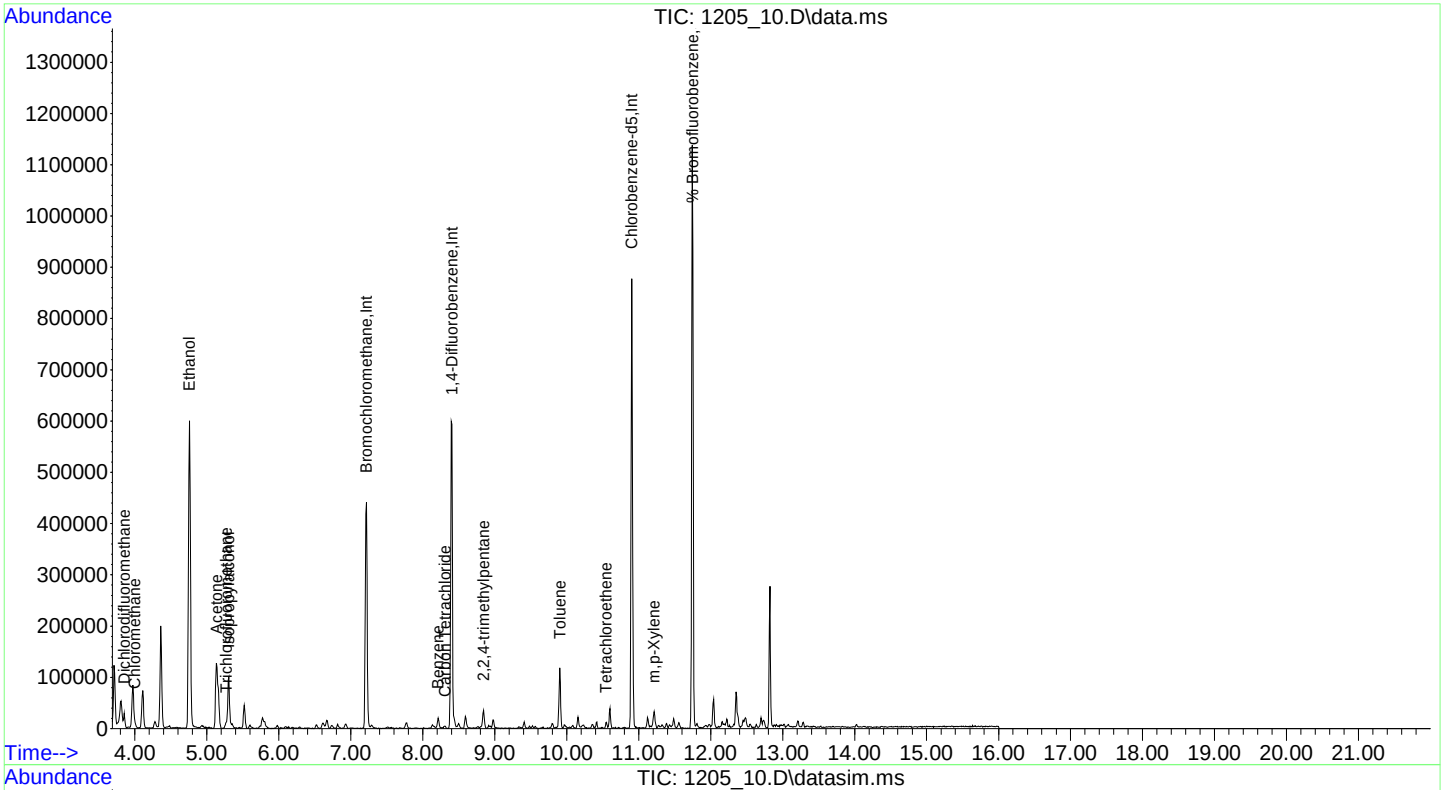
Quant Time: Dec 06 07:20:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

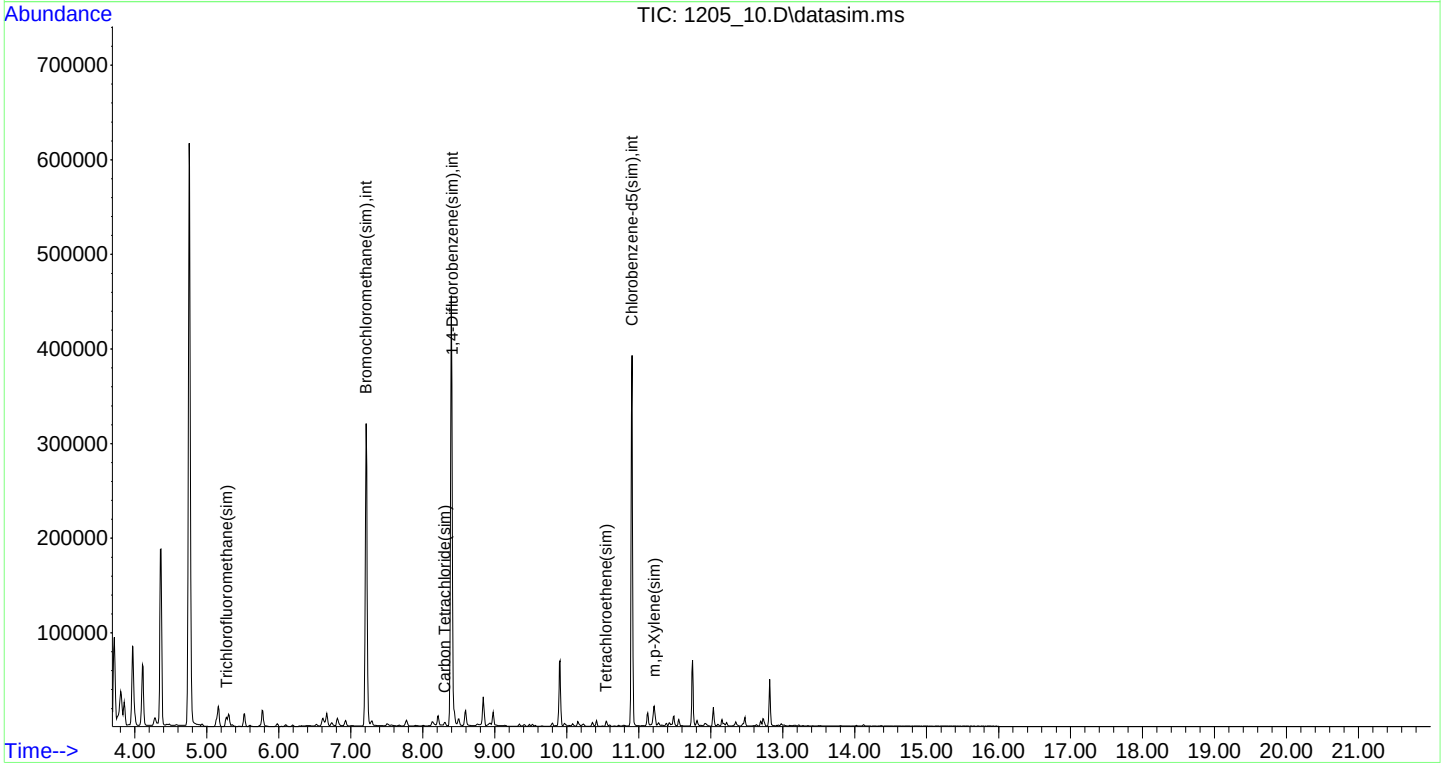
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	101296	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.403	114	345916	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	172457	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	102712	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.403	114	345916	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	172369	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	246476	10.472	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.70%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.850	85	20689	0.456	ppbv#		96
4) Chloromethane	3.996	50	10486	0.543	ppbv		96
11) Ethanol	4.759	45	638849	98.727	ppbv		96
12) Acetone	5.134	43	177419	4.833	ppbv#		85
13) Trichlorofluoromethane	5.269	101	9015	0.204	ppbv		97
14) Isopropylalcohol	5.305	45	113066	3.240	ppbv#		96
33) Benzene	8.213	78	9538	0.330	ppbv#		84
34) Carbon Tetrachloride	8.308	117	2998	0.079	ppbv		83
40) 2,2,4-trimethylpentane	8.844	57	19655	0.239	ppbv#		78
48) Toluene	9.904	91	53859	1.360	ppbv		97
52) Tetrachloroethene	10.544	166	2376	0.099	ppbv#		88
57) m,p-Xylene	11.213	91	14822	0.363	ppbv		98
84] Trichlorofluoromethane...	5.272	101	9154	0.194	ppbv#		99
88] Carbon Tetrachloride(sim)	8.302	117	2521	0.068	ppbv		95
104] Tetrachloroethene(sim)	10.547	166	2335	0.094	ppbv		95
107] m,p-Xylene(sim)	11.213	91	14822	0.338	ppbv		98

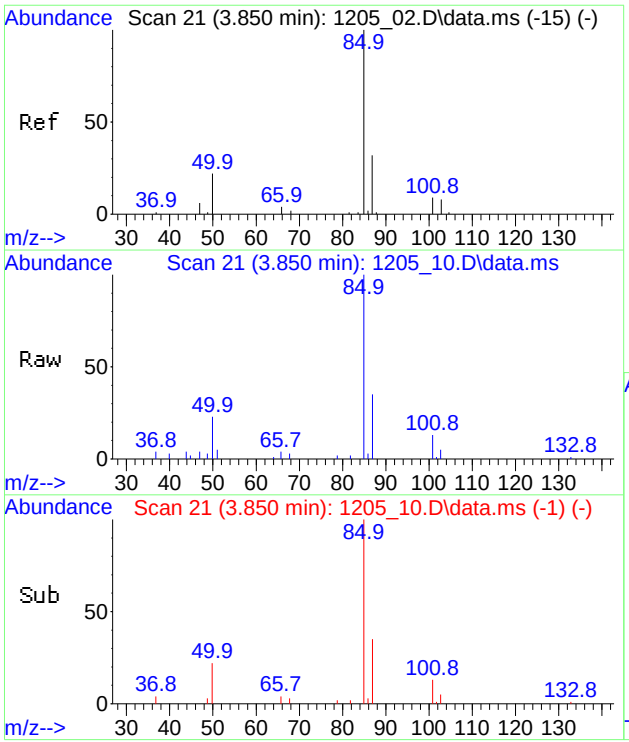
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_10.D
Acq On : 5 Dec 2025 4:22 pm
Operator :
Client ID : IA1 (58 GERRY 1ST FLOOR)
Lab ID : CU88084
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 06 07:20:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



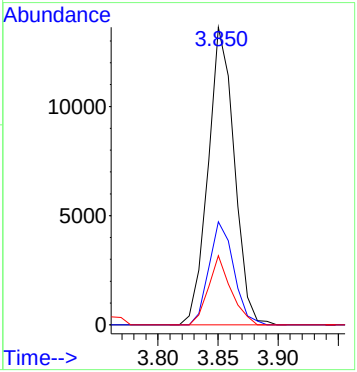


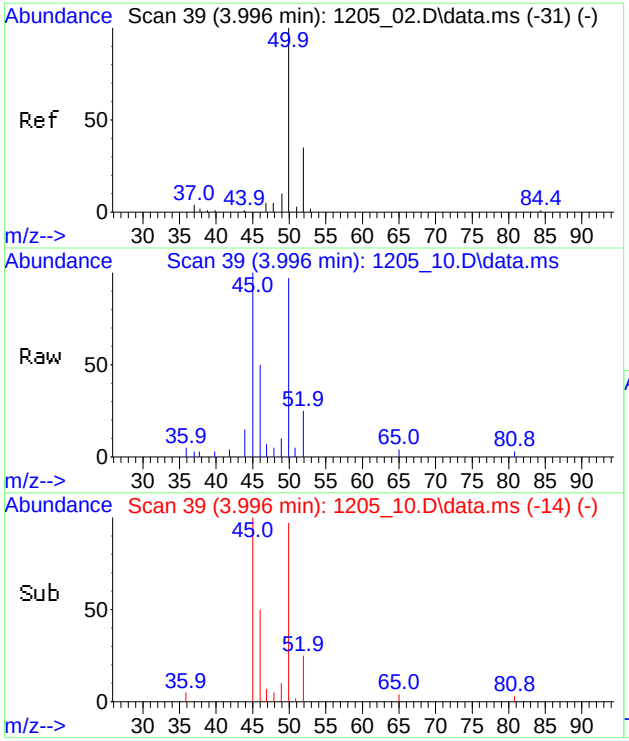


#3
Dichlorodifluoromethane
Conc: 8$ 0.456 ppbv
RT: 3.850 min Scan# 21
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 85 Resp: 20689

Ion	Ratio	Lower	Upper
85	100		
87	32.8	25.4	38.2
50	20.1	13.1	19.7#

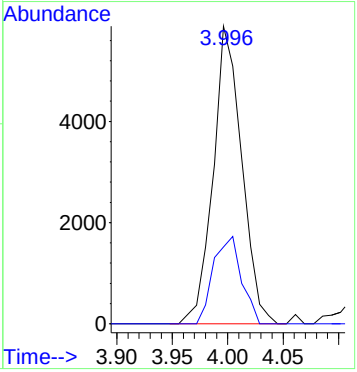


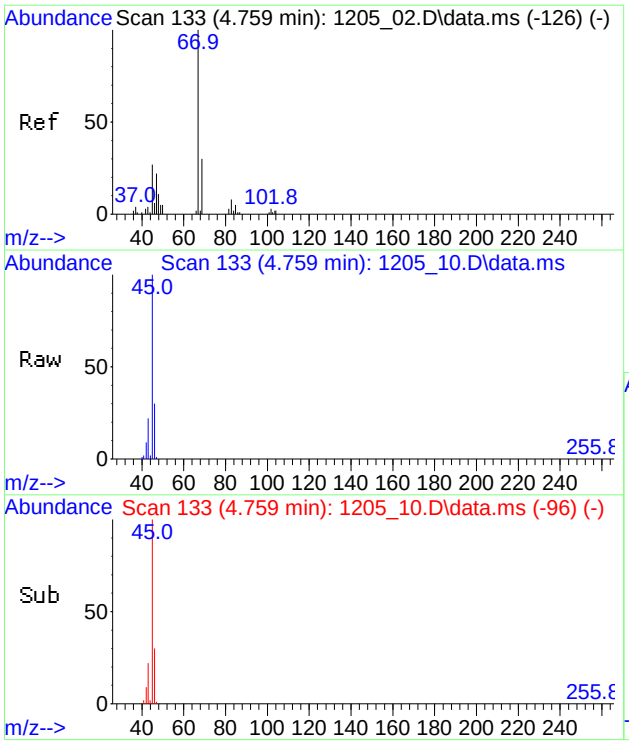


#4
Chloromethane
Conc: 8$ 0.543 ppbv
RT: 3.996 min Scan# 39
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 50 Resp: 10486

Ion	Ratio	Lower	Upper
50	100		
52	28.9	11.0	51.0

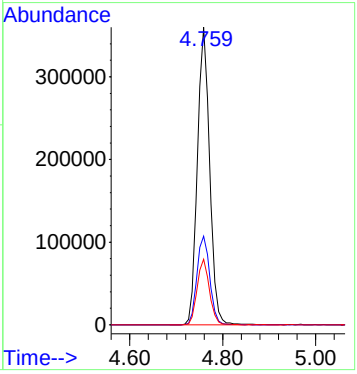


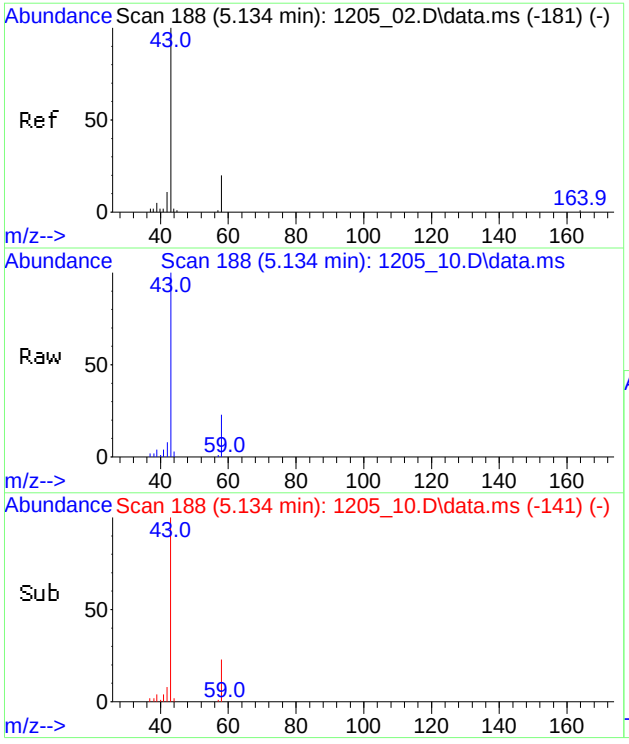


#11
Ethanol
Conc: 8$ 98.727 ppbv
RT: 4.759 min Scan# 133
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 45 Resp: 638849

Ion	Ratio	Lower	Upper
45	100		
46	32.2	25.4	38.0
43	22.9	21.2	31.8

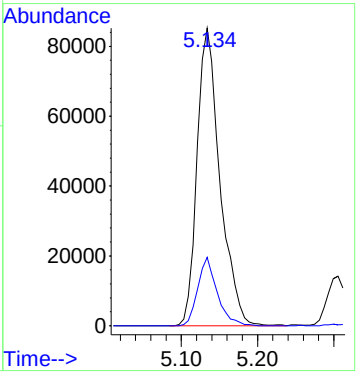


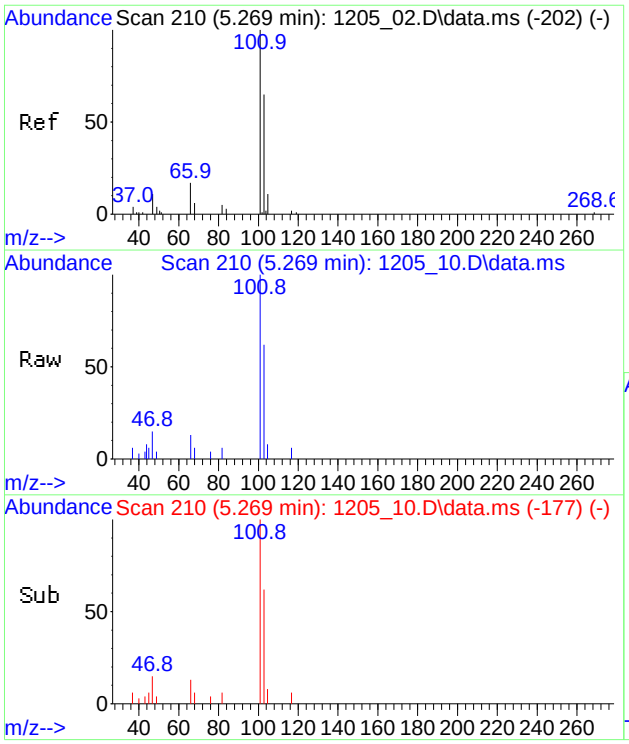


#12
Acetone
Conc: 8$ 4.833 ppbv
RT: 5.134 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 43 Resp: 177419

Ion	Ratio	Lower	Upper
43	100		
58	19.6	21.8	32.6#

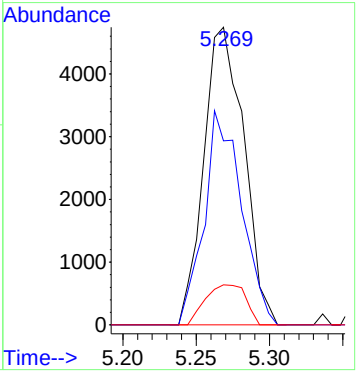


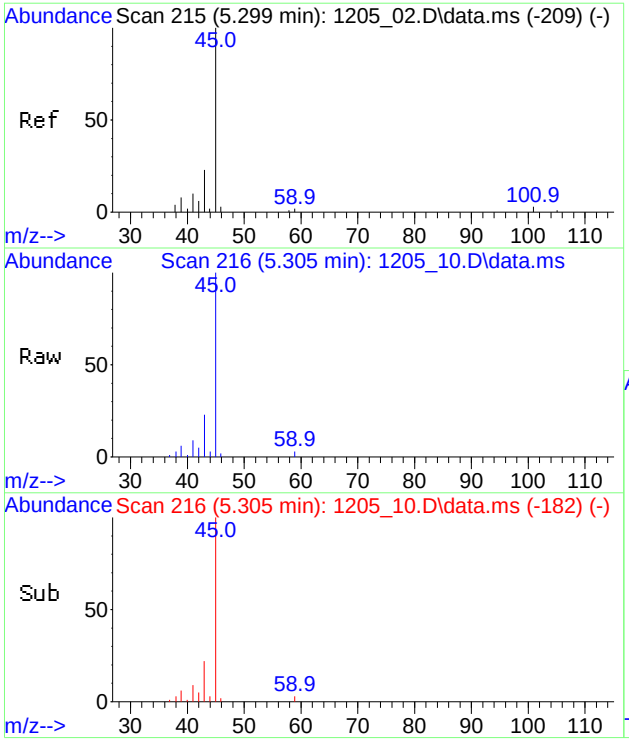


#13
Trichlorofluoromethane
Conc: 8$ 0.204 ppbv
RT: 5.269 min Scan# 210
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:101 Resp: 9015

Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.3	76.9
66	13.5	10.7	16.1

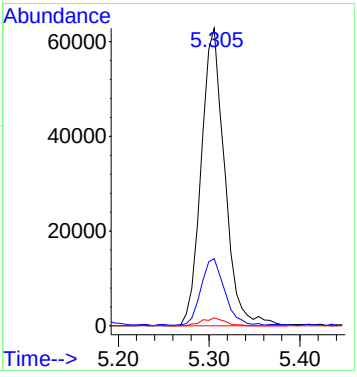


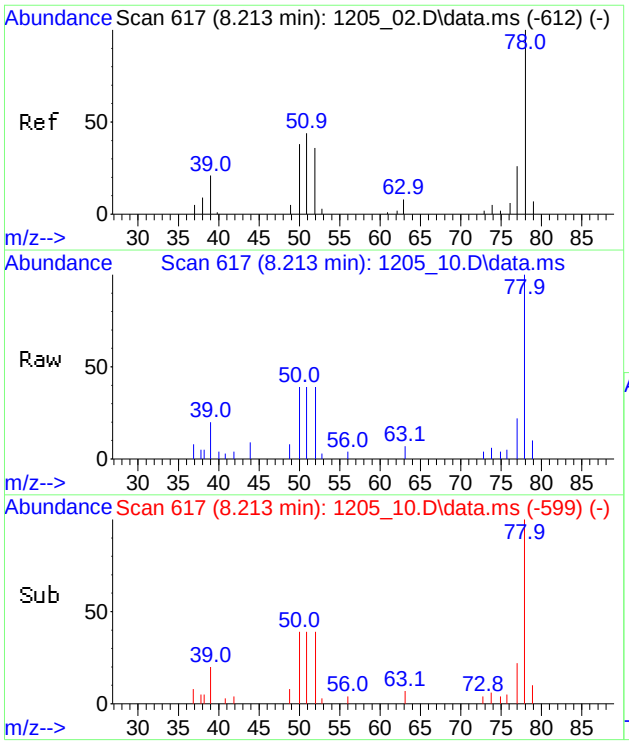


#14
Isopropylalcohol
Conc: 8$ 3.240 ppbv
RT: 5.305 min Scan# 216
Delta R.T. 0.006 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 45 Resp: 113066

Ion	Ratio	Lower	Upper
45	100		
43	23.2	16.8	25.2
59	2.6	2.8	4.2#

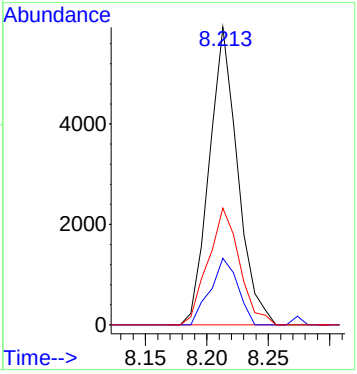


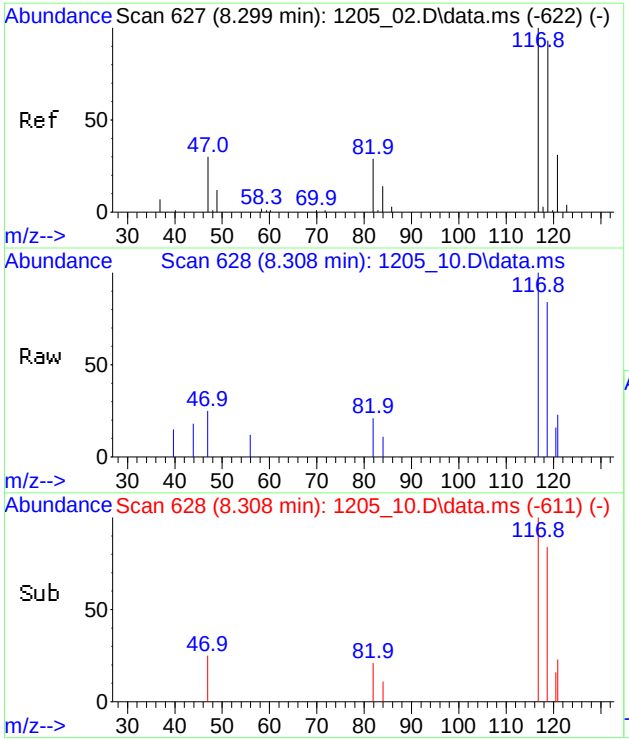


#33
Benzene
Conc: 8$ 0.330 ppbv
RT: 8.213 min Scan# 617
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 78 Resp: 9538

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.9	28.3
51	43.4	23.9	35.9#

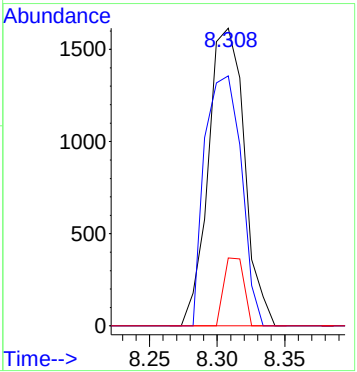


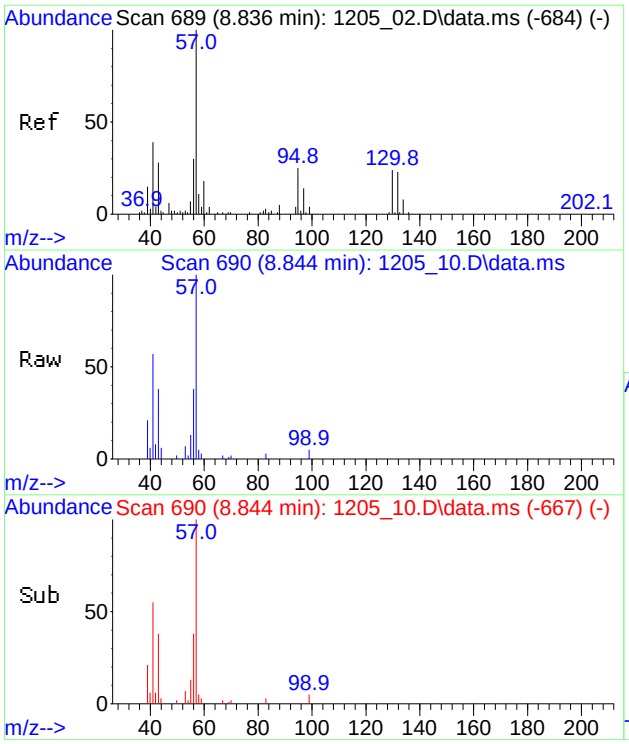


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.308 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:117 Resp: 2998

Ion	Ratio	Lower	Upper
117	100		
119	84.8	75.8	115.8
121	12.7	11.5	51.5

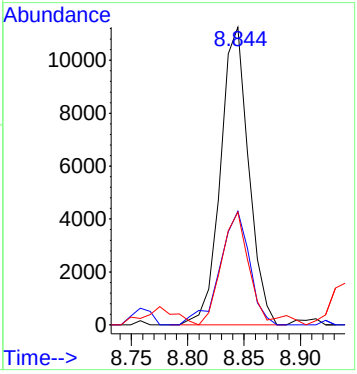


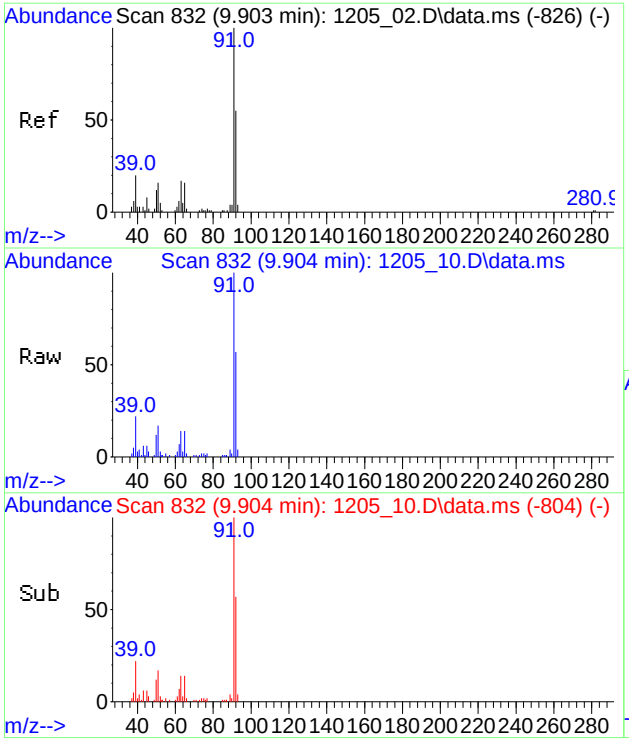


#40
2,2,4-trimethylpentane
Conc: 8$ 0.239 ppbv
RT: 8.844 min Scan# 690
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 57 Resp: 19655

Ion	Ratio	Lower	Upper
57	100		
56	40.0	24.1	36.1#
43	38.2	20.1	30.1#

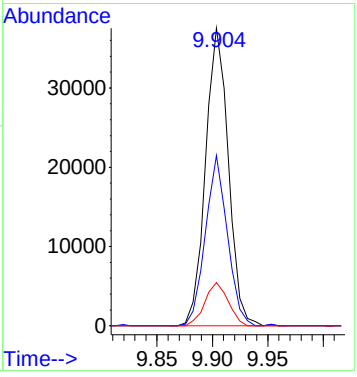


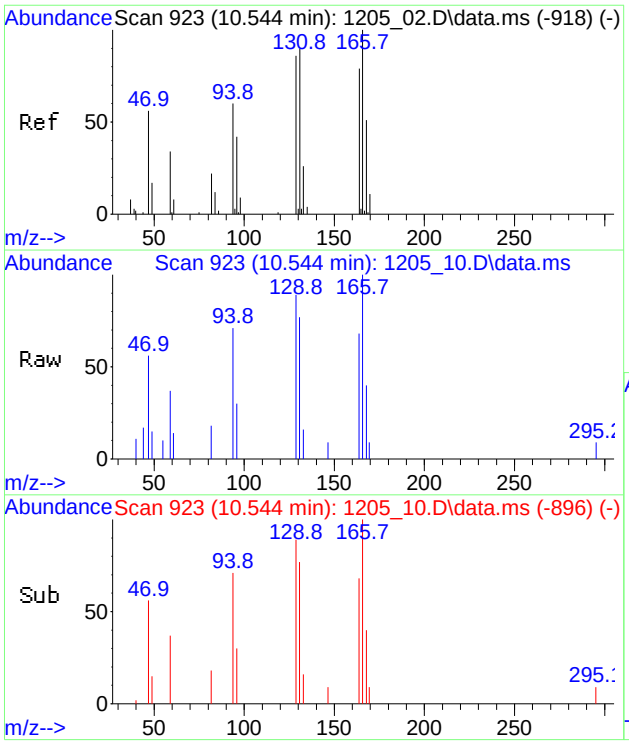


#48
Toluene
Conc: 8$ 1.360 ppbv
RT: 9.904 min Scan# 832
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 91 Resp: 53859

Ion	Ratio	Lower	Upper
91	100		
92	55.3	42.6	63.8
65	14.8	10.0	15.0

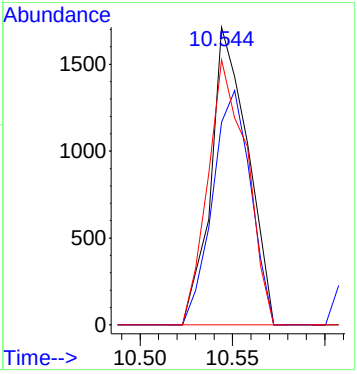


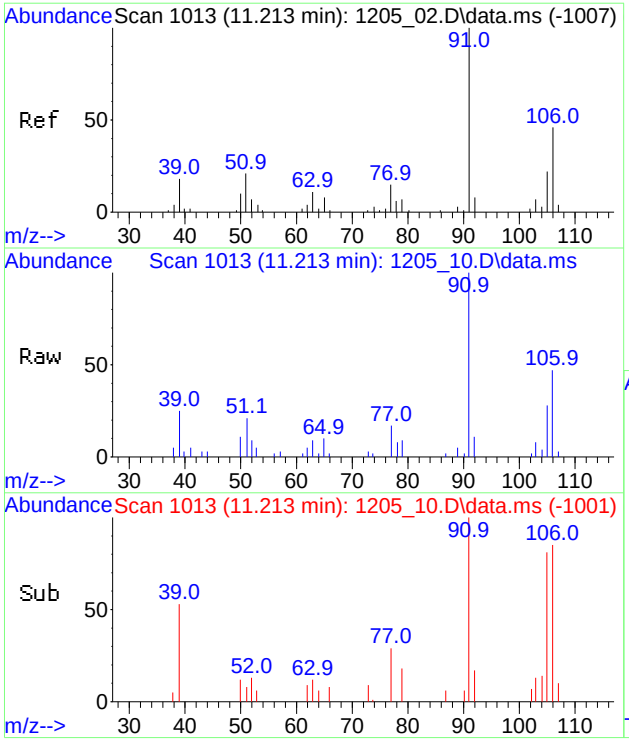


#52
Tetrachloroethene
Conc: 8$ Below Cal
RT: 10.544 min Scan# 923
Delta R.T. -0.007 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:166 Resp: 2376

Ion	Ratio	Lower	Upper
166	100		
164	81.8	61.8	92.8
129	93.8	62.3	93.5#

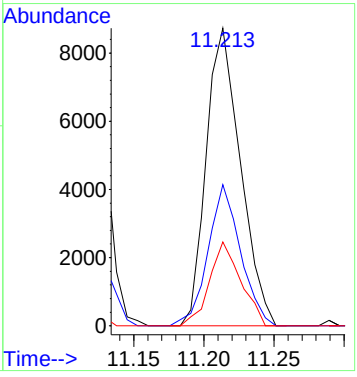


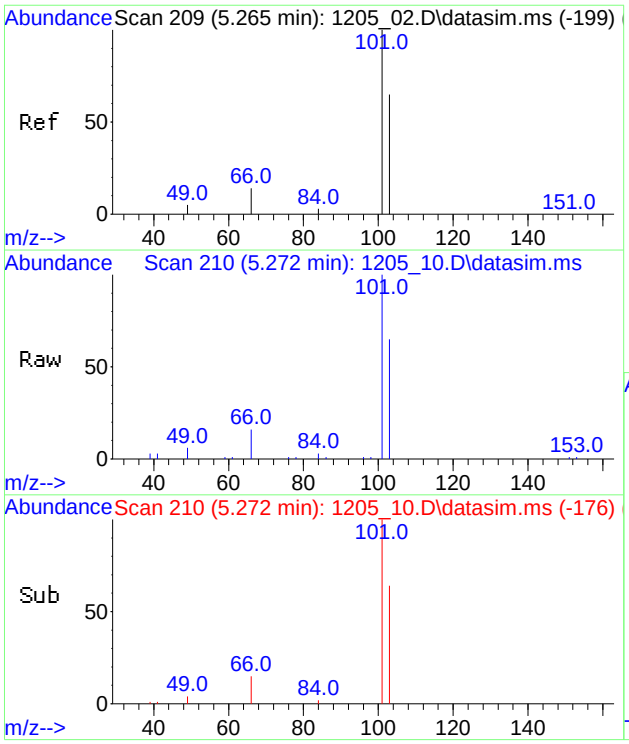


#57
m,p-Xylene
Conc: 8$ 0.363 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.007 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 91 Resp: 14822

Ion	Ratio	Lower	Upper
91	100		
106	45.0	36.7	55.1
105	25.8	19.2	28.8

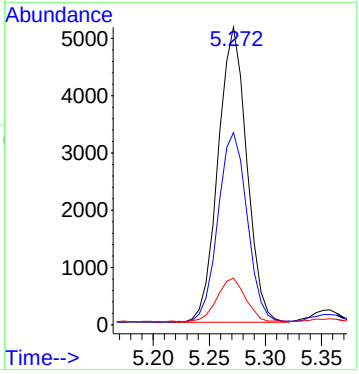


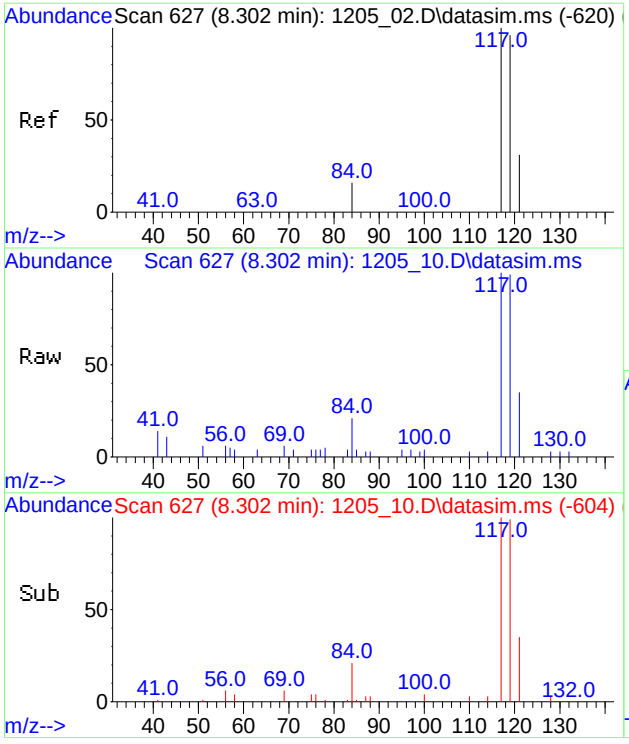


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.194 ppbv
RT: 5.272 min Scan# 210
Delta R.T. 0.006 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:101 Resp: 9154

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6
66	14.7	13.2	13.2#

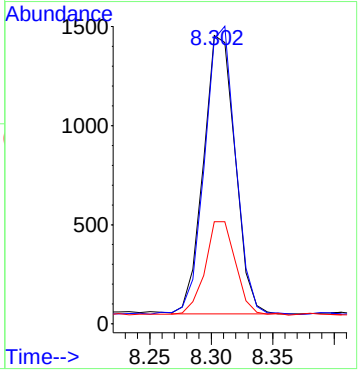


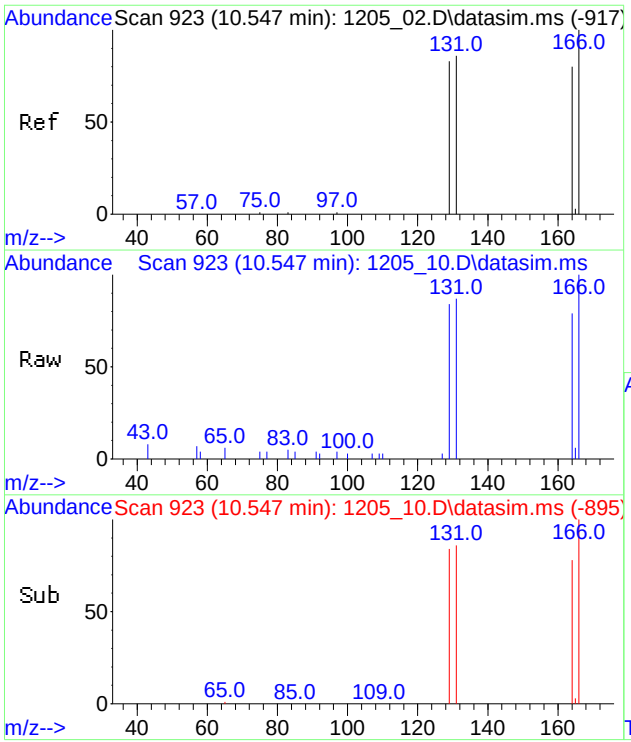


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.068 ppbv
RT: 8.302 min Scan# 627
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:117 Resp: 2521

Ion	Ratio	Lower	Upper
117	100		
119	101.0	77.2	115.8
121	32.8	24.4	36.6

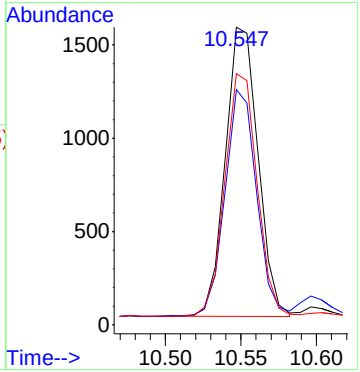


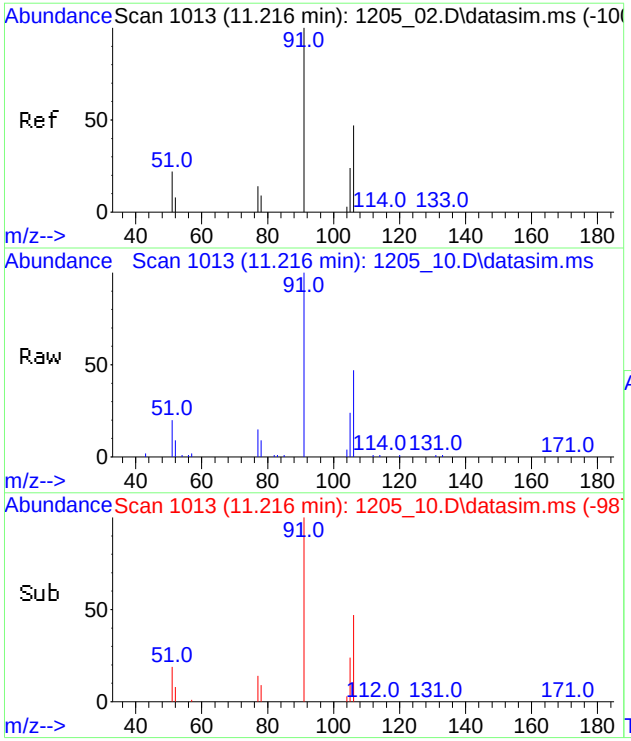


#104
Tetrachloroethene(sim)
Conc: 8$ 0.094 ppbv
RT: 10.547 min Scan# 923
Delta R.T. 0.000 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion:166 Resp: 2335

Ion	Ratio	Lower	Upper
166	100		
164	75.5	58.6	98.6
129	83.1	57.2	97.2

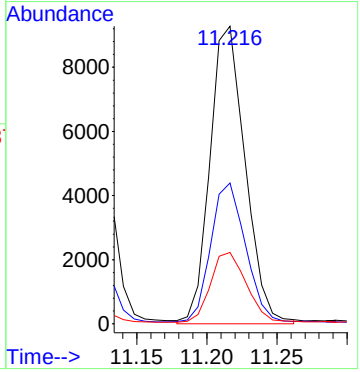




#107
m,p-Xylene(sim)
Conc: 8$ 0.338 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.007 min
Lab File: 1205_10.D
Acq: 5 Dec 2025 4:22 pm

Tgt Ion: 91 Resp: 14822

Ion	Ratio	Lower	Upper
91	100		
106	45.0	41.0	50.1
105	25.8	19.1	28.7



1

AIR ANALYSIS DATA SHEET

CLIENT ID: IA2 (58 GERRY BASEMENT)

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88085

Canister: 53506 Lab File ID: 1205_11.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.439		0.202	0.202	r
74-87-3	Chloromethane	0.512		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	44.7	ES	0.531	0.531	r
67-64-1	Acetone	3.39	S	0.421	0.421	r
67-63-0	Isopropylalcohol	3.53	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.324		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	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.835		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

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:	AMC-ENG	Lab:	Phoenix Env. Labs	IA2 (58 GERRY BASEMENT)	
SDG No.:	GCU88084			Lab Sample ID:	CU88085
Canister:	53506			Lab File ID:	1205_11.D
Instrument:	CHEM39	Column:	ΓX-1 ; #10157	Date Received:	12/04/25
Purge Volume	200 (cc)			Date Analyzed:	12/05/25
Matrix:	AIR			Dilution Factor:	1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
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)	0.074		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.071		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)	0.307		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_11.D
Acq On : 5 Dec 2025 5:03 pm
Operator :
Client ID : IA2 (58 GERRY BASEMENT)
Lab ID : CU88085
ALS Vial : 6 Sample Multiplier: 1

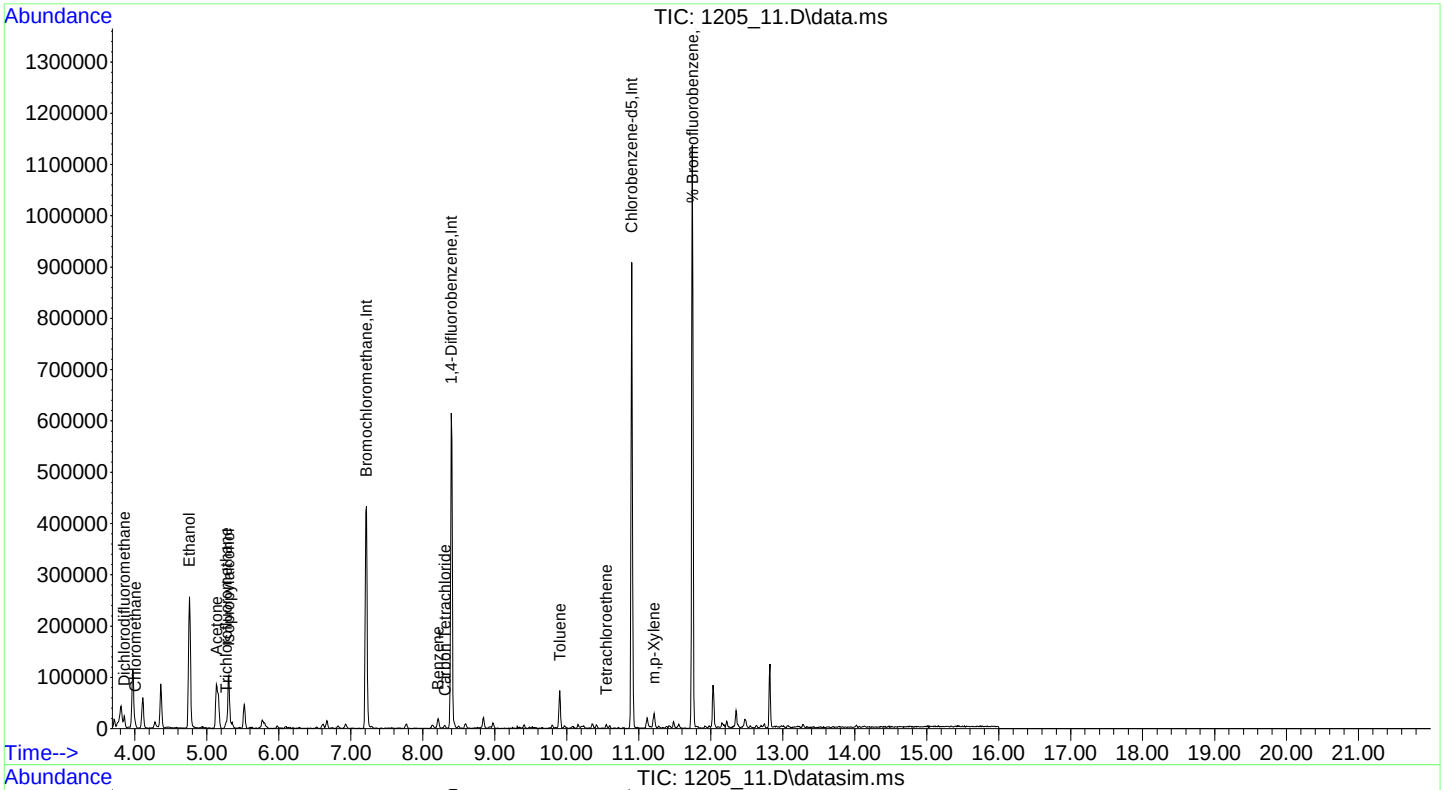
Quant Time: Dec 06 07:20:21 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

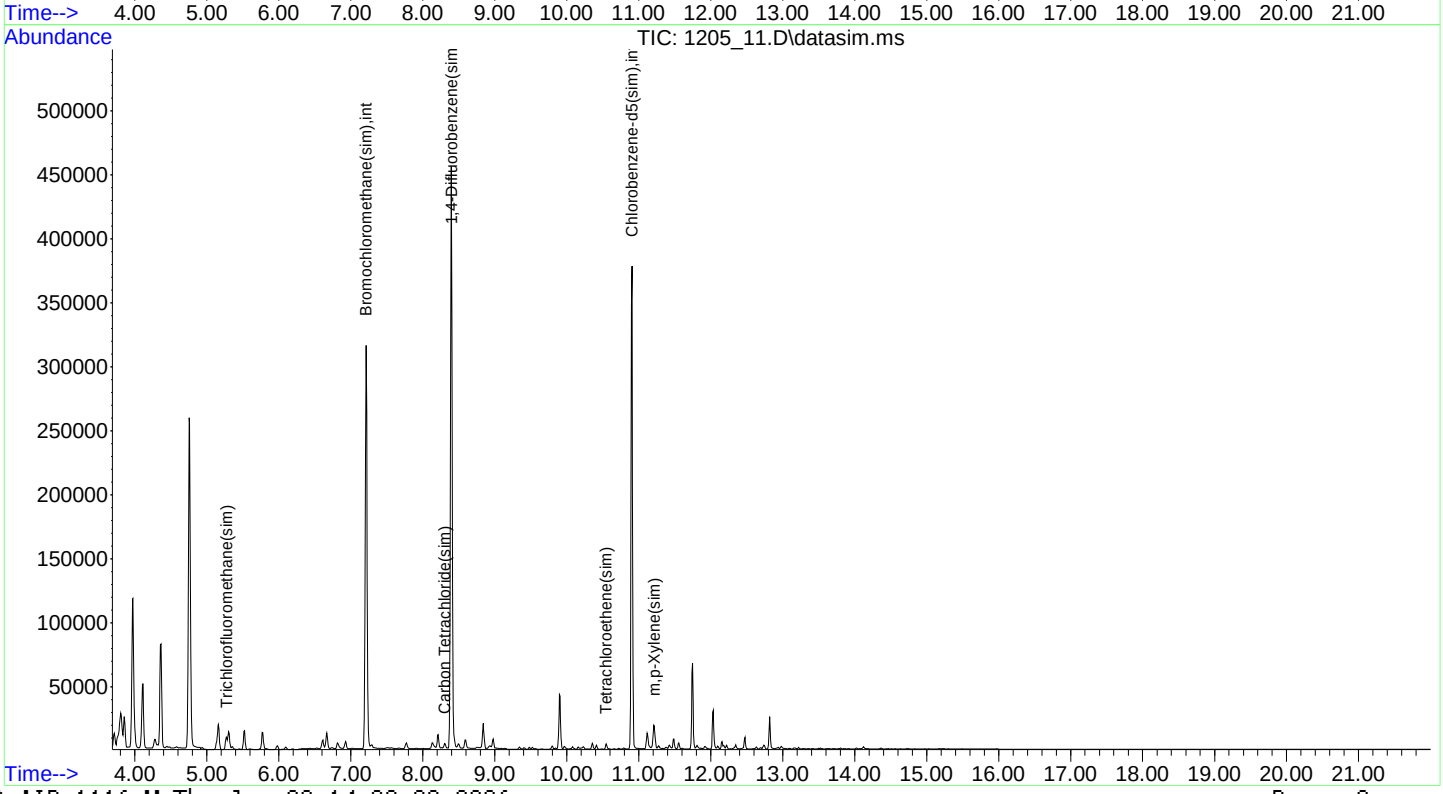
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	98803	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	345797	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	175354	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	101788	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	345797	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	175354	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	240409	10.045	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.850	85	19441	0.439	ppbv#		95
4) Chloromethane	4.004	50	9646	0.512	ppbv		97
11) Ethanol	4.759	45	282096	44.695	ppbv		96
12) Acetone	5.134	43	121316	3.388	ppbv#		82
13) Trichlorofluoromethane	5.269	101	9068	0.210	ppbv#		97
14) Isopropylalcohol	5.305	45	120043	3.527	ppbv#		100
33) Benzene	8.213	78	9124	0.324	ppbv#		77
34) Carbon Tetrachloride	8.308	117	3098	0.083	ppbv		90
48) Toluene	9.903	91	33070	0.835	ppbv#		96
52) Tetrachloroethene	10.551	166	1537	0.064	ppbv		93
57) m,p-Xylene	11.213	91	13693	0.329	ppbv		97
84] Trichlorofluoromethane...	5.271	101	9146	0.196	ppbv#		99
88] Carbon Tetrachloride(sim)	8.302	117	2698	0.074	ppbv		98
104] Tetrachloroethene(sim)	10.547	166	1761	0.071	ppbv		95
107] m,p-Xylene(sim)	11.213	91	13693	0.307	ppbv		98

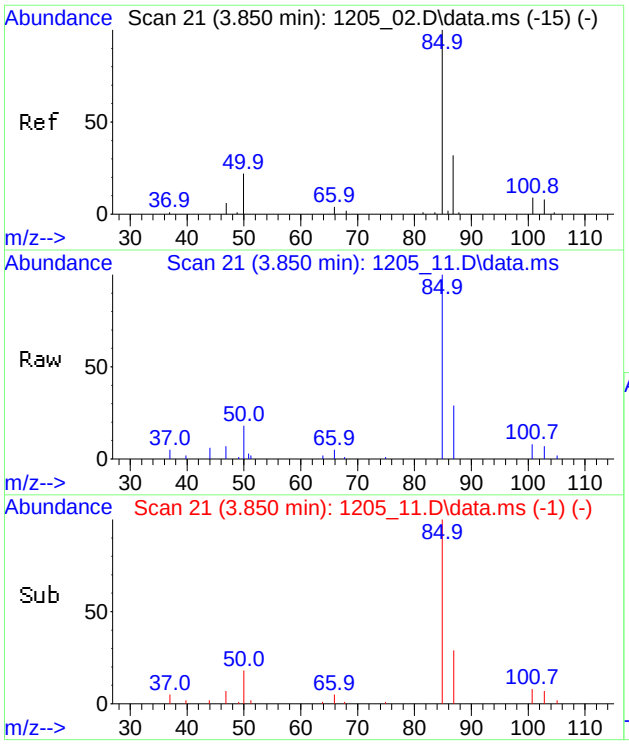
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_11.D
Acq On : 5 Dec 2025 5:03 pm
Operator :
Client ID : IA2 (58 GERRY BASEMENT)
Lab ID : CU88085
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 07:20:21 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



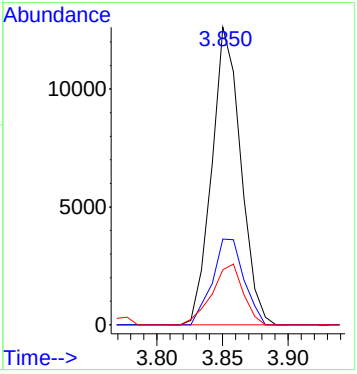


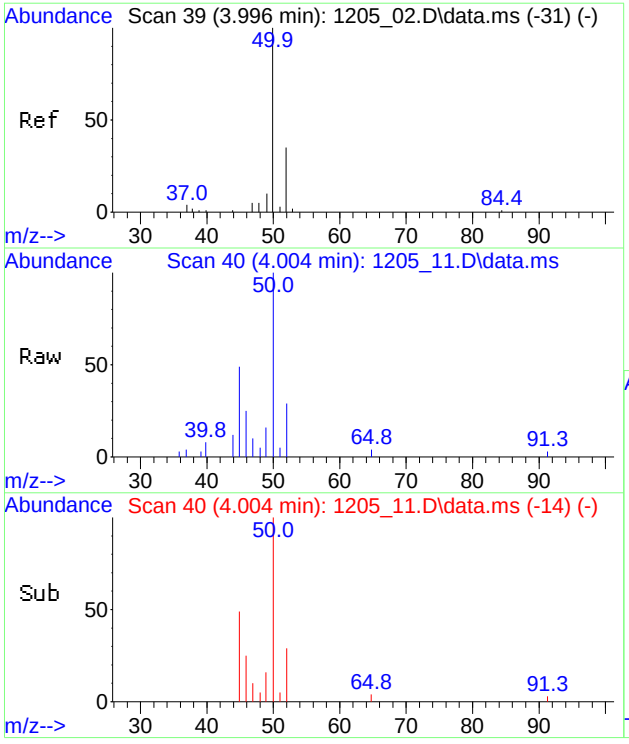


#3
Dichlorodifluoromethane
Conc: 8$ 0.439 ppbv
RT: 3.850 min Scan# 21
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 85 Resp: 19441

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.4	38.2
50	22.0	13.1	19.7#

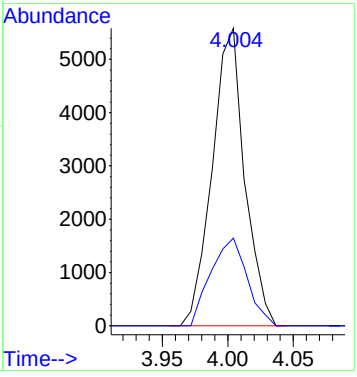


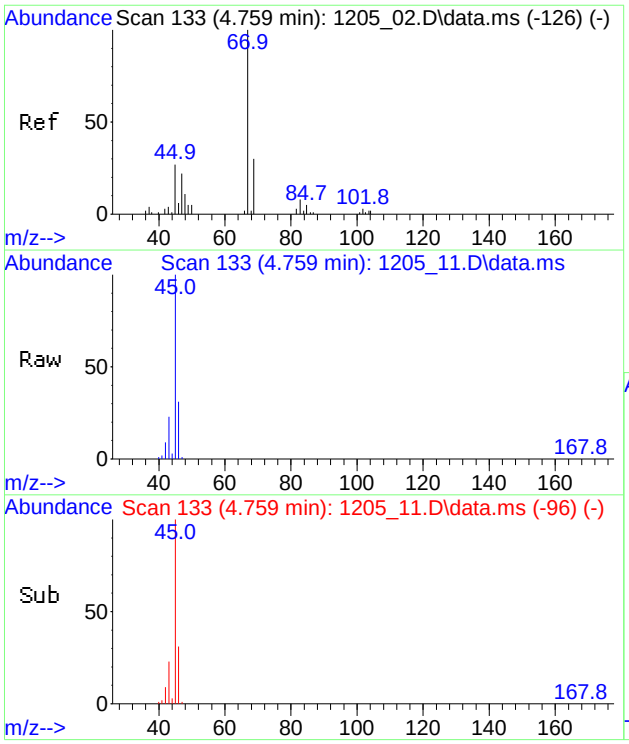


#4
Chloromethane
Conc: 8$ 0.512 ppbv
RT: 4.004 min Scan# 40
Delta R.T. 0.008 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 50 Resp: 9646

Ion	Ratio	Lower	Upper
50	100		
52	32.9	11.0	51.0

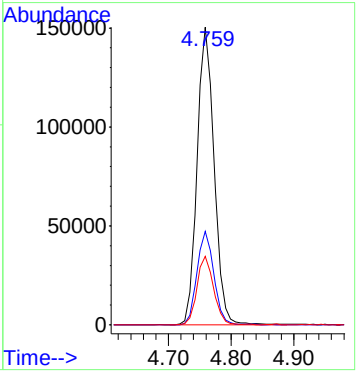


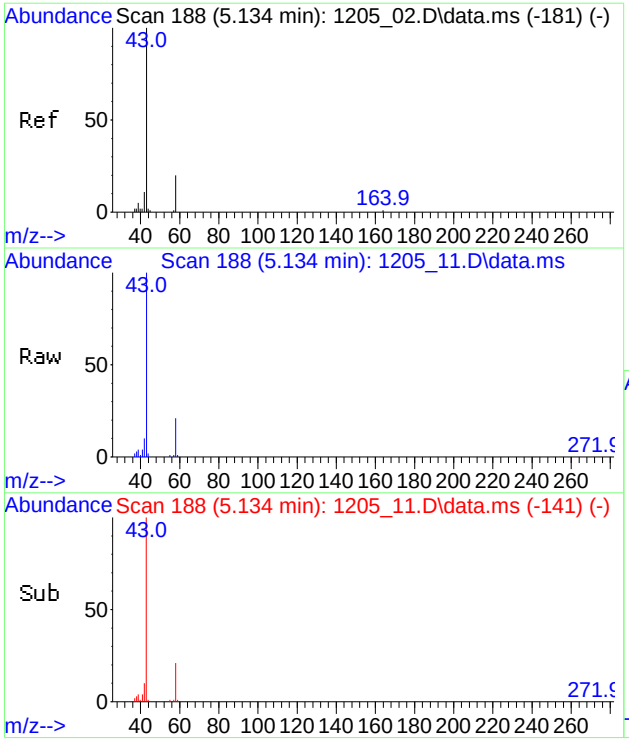


#11
Ethanol
Conc: 8$ 44.695 ppbv
RT: 4.759 min Scan# 133
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 45 Resp: 282096

Ion	Ratio	Lower	Upper
45	100		
46	31.2	25.4	38.0
43	22.6	21.2	31.8

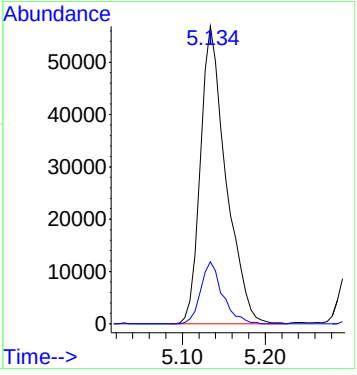


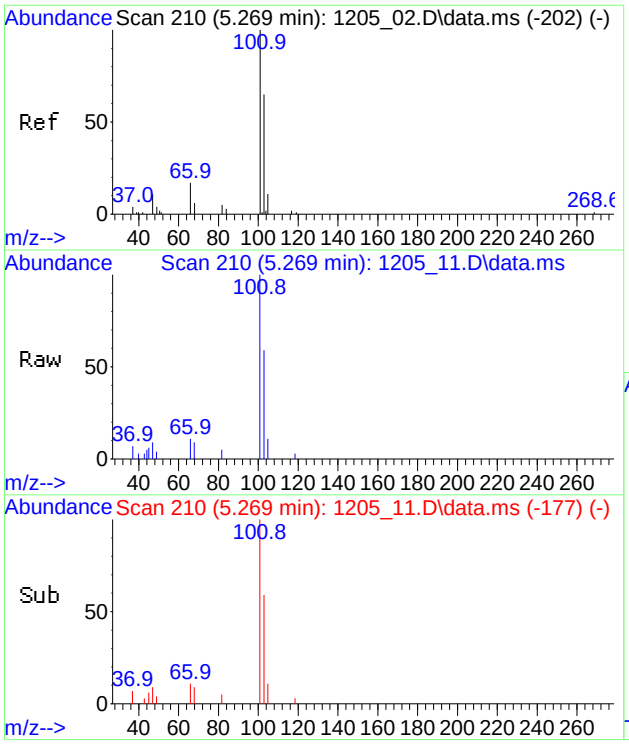


#12
Acetone
Conc: 8$ 3.388 ppbv
RT: 5.134 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 43 Resp: 121316

Ion	Ratio	Lower	Upper
43	100		
58	17.8	21.8	32.6#

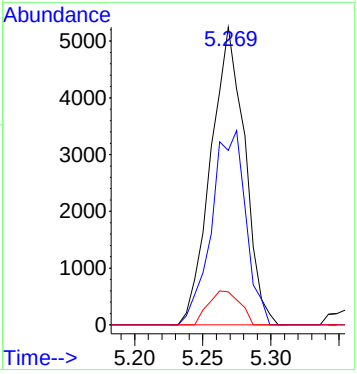


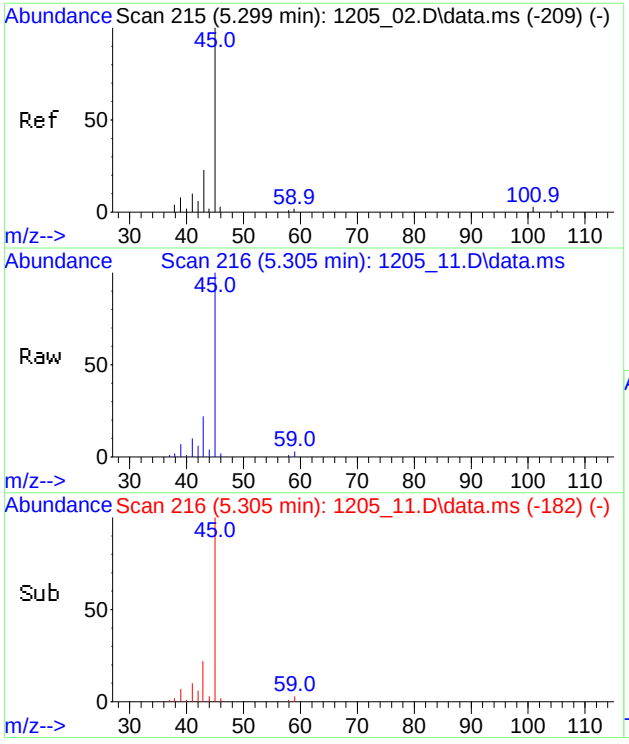


#13
Trichlorofluoromethane
Conc: 8$ 0.210 ppbv
RT: 5.269 min Scan# 210
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:101 Resp: 9068

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.3	76.9
66	10.6	10.7	16.1#

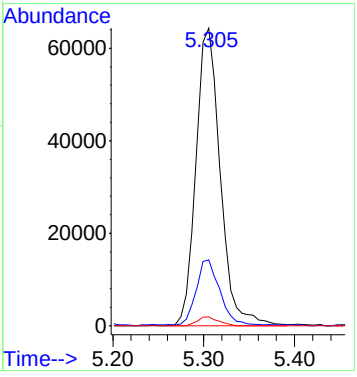


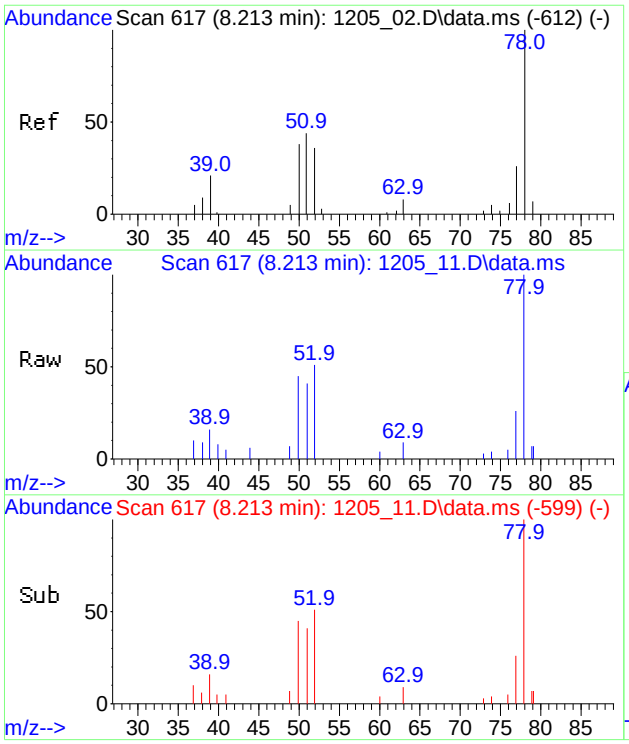


#14
Isopropylalcohol
Conc: 8$ 3.527 ppbv
RT: 5.305 min Scan# 216
Delta R.T. 0.006 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 45 Resp: 120043

Ion	Ratio	Lower	Upper
45	100		
43	21.0	16.8	25.2
59	2.6	2.8	4.2#

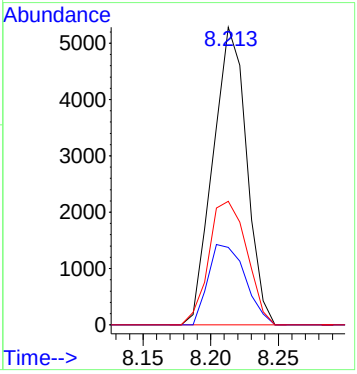


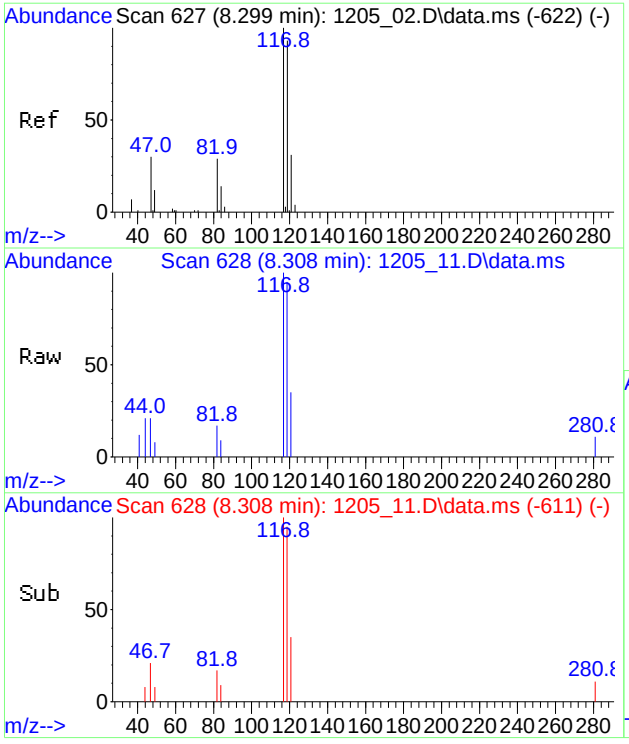


#33
Benzene
Conc: 8$ 0.324 ppbv
RT: 8.213 min Scan# 617
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 78 Resp: 9124

Ion	Ratio	Lower	Upper
78	100		
77	29.8	18.9	28.3#
51	47.2	23.9	35.9#

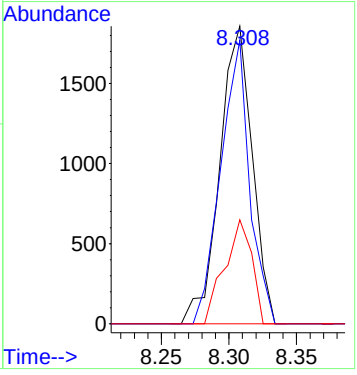


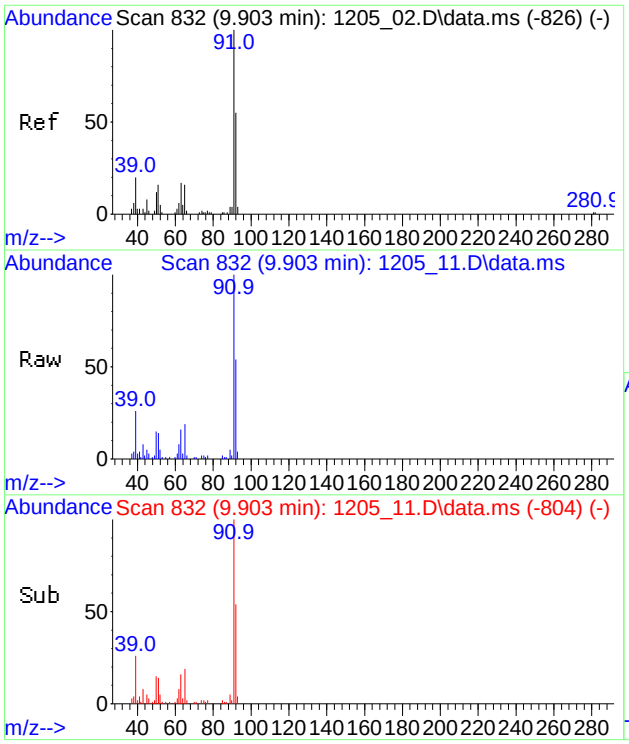


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.308 min Scan# 628
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:117 Resp: 3098

Ion	Ratio	Lower	Upper
117	100		
119	84.4	75.8	115.8
121	29.1	11.5	51.5

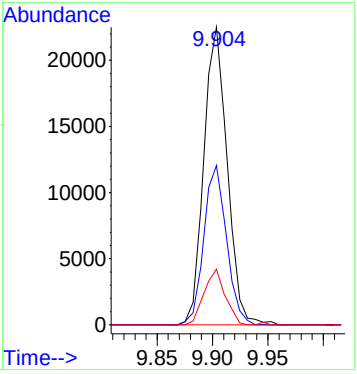


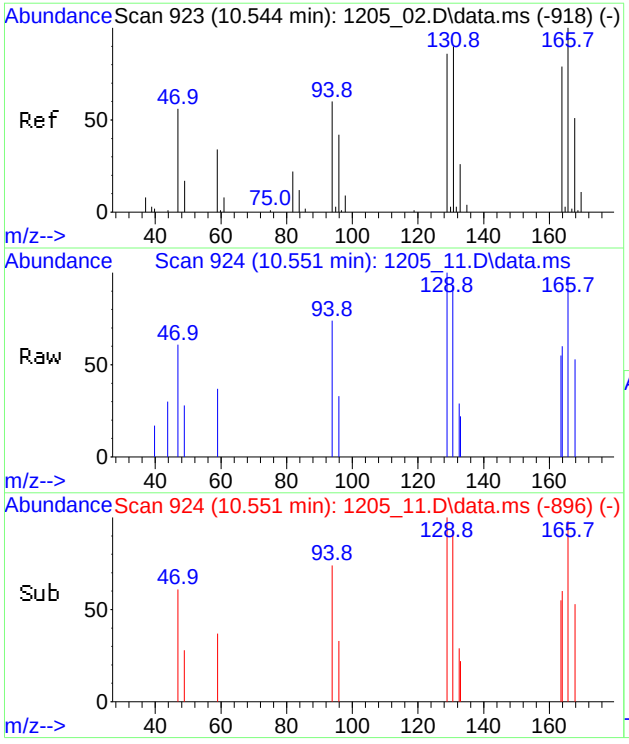


#48
Toluene
Conc: 8$ 0.835 ppbv
RT: 9.903 min Scan# 832
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 91 Resp: 33070

Ion	Ratio	Lower	Upper
91	100		
92	51.9	42.6	63.8
65	16.9	10.0	15.0#

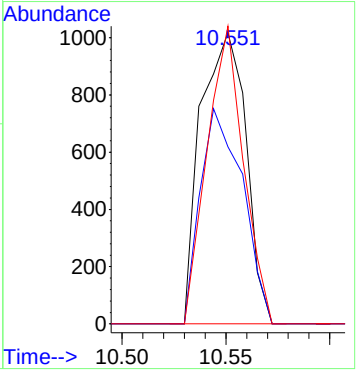


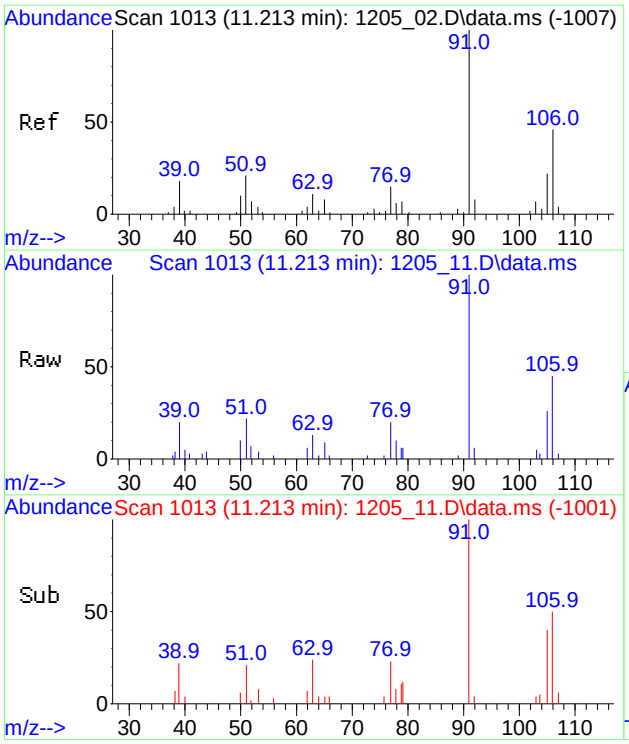


#52
Tetrachloroethene
Conc: 8$ Below Cal
RT: 10.551 min Scan# 924
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:166 Resp: 1537

Ion	Ratio	Lower	Upper
166	100		
164	69.2	61.8	92.8
129	82.8	62.3	93.5

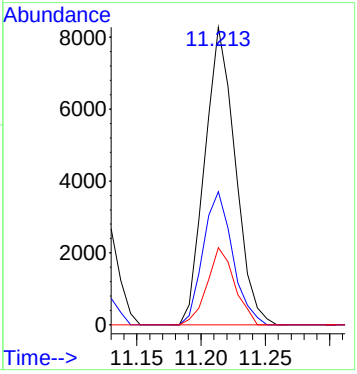


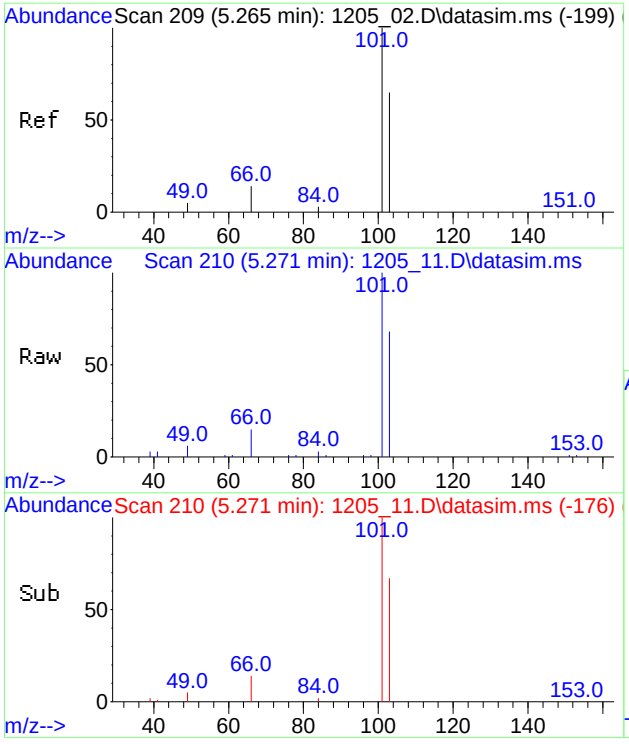


#57
m,p-Xylene
Conc: 8$ 0.329 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 91 Resp: 13693

Ion	Ratio	Lower	Upper
91	100		
106	43.4	36.7	55.1
105	23.5	19.2	28.8

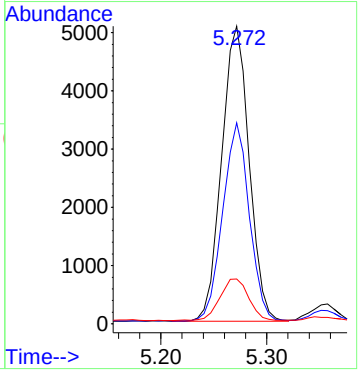


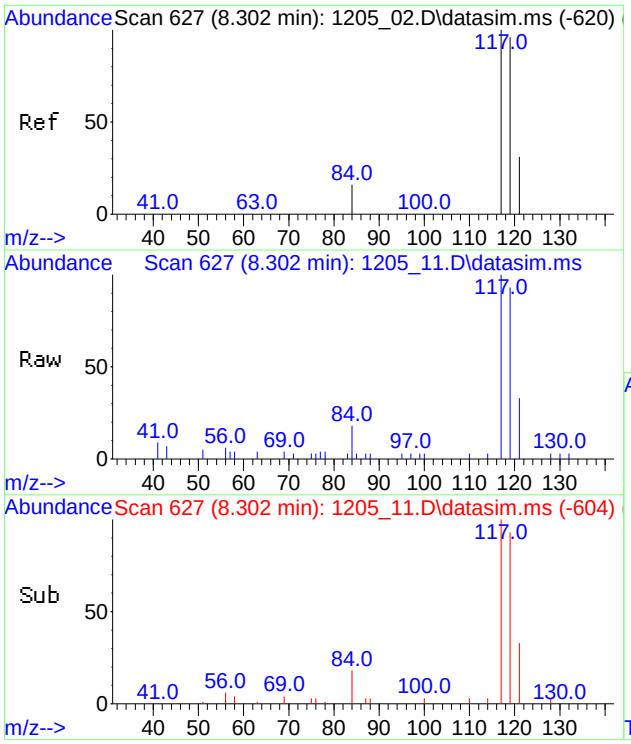


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.196 ppbv
RT: 5.271 min Scan# 210
Delta R.T. 0.006 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:101 Resp: 9146

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6
66	15.0	13.2	13.2#

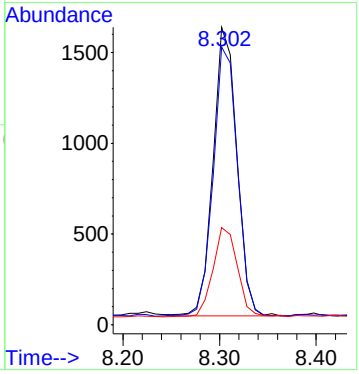


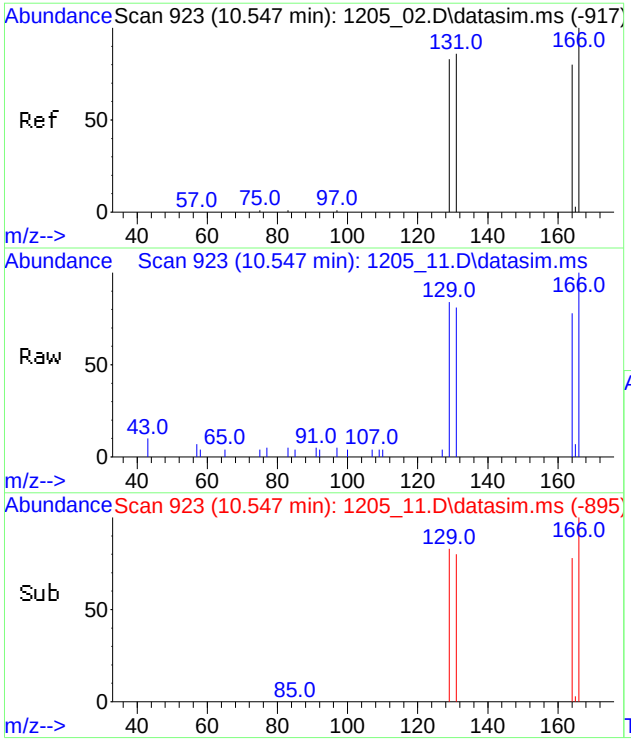


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.074 ppbv
RT: 8.302 min Scan# 627
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:117 Resp: 2698

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	31.1	24.4	36.6

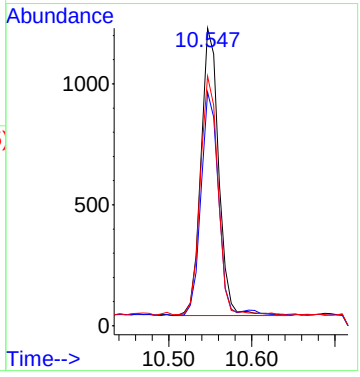


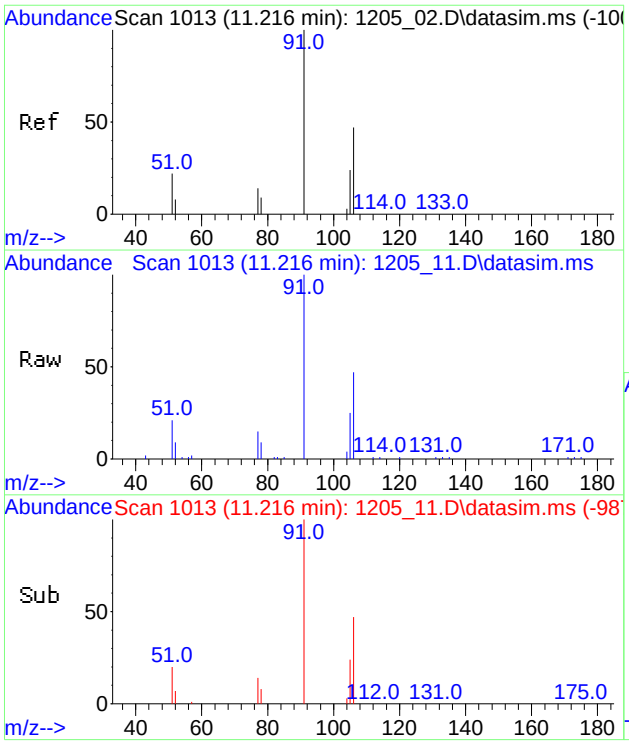


#104
Tetrachloroethene(sim)
Conc: 8$ 0.071 ppbv
RT: 10.547 min Scan# 923
Delta R.T. 0.000 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion:166 Resp: 1761

Ion	Ratio	Lower	Upper
166	100		
164	75.0	58.6	98.6
129	82.9	57.2	97.2

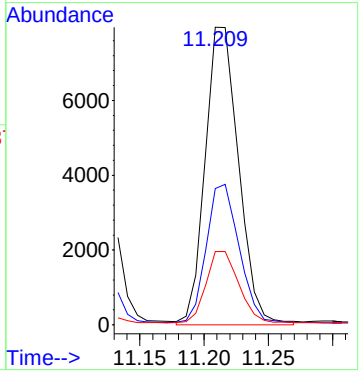




#107
m,p-Xylene(sim)
Conc: 8$ 0.307 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_11.D
Acq: 5 Dec 2025 5:03 pm

Tgt Ion: 91 Resp: 13693

Ion	Ratio	Lower	Upper
91	100		
106	43.4	41.0	50.1
105	23.5	19.1	28.7



AIR ANALYSIS DATA SHEET

CLIENT ID: A5 (AMBIENT / OUTDOOR AIR

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086

Canister: 53535 Lab File ID: 1205_08.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.429		0.202	0.202	r
74-87-3	Chloromethane	0.521		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	24.3	S	0.531	0.531	r
67-64-1	Acetone	2.05	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.42	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.282		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

AIR ANALYSIS DATA SHEET

CLIENT ID: A5 (AMBIENT / OUTDOOR AIR

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086

Canister: 53535 Lab File ID: 1205_08.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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)	0.192		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
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.073		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_08.D
Acq On : 5 Dec 2025 3:02 pm
Operator :
Client ID : AA5 (AMBIENT / OUTDOOR AIR)
Lab ID : CU88086
ALS Vial : 3 Sample Multiplier: 1

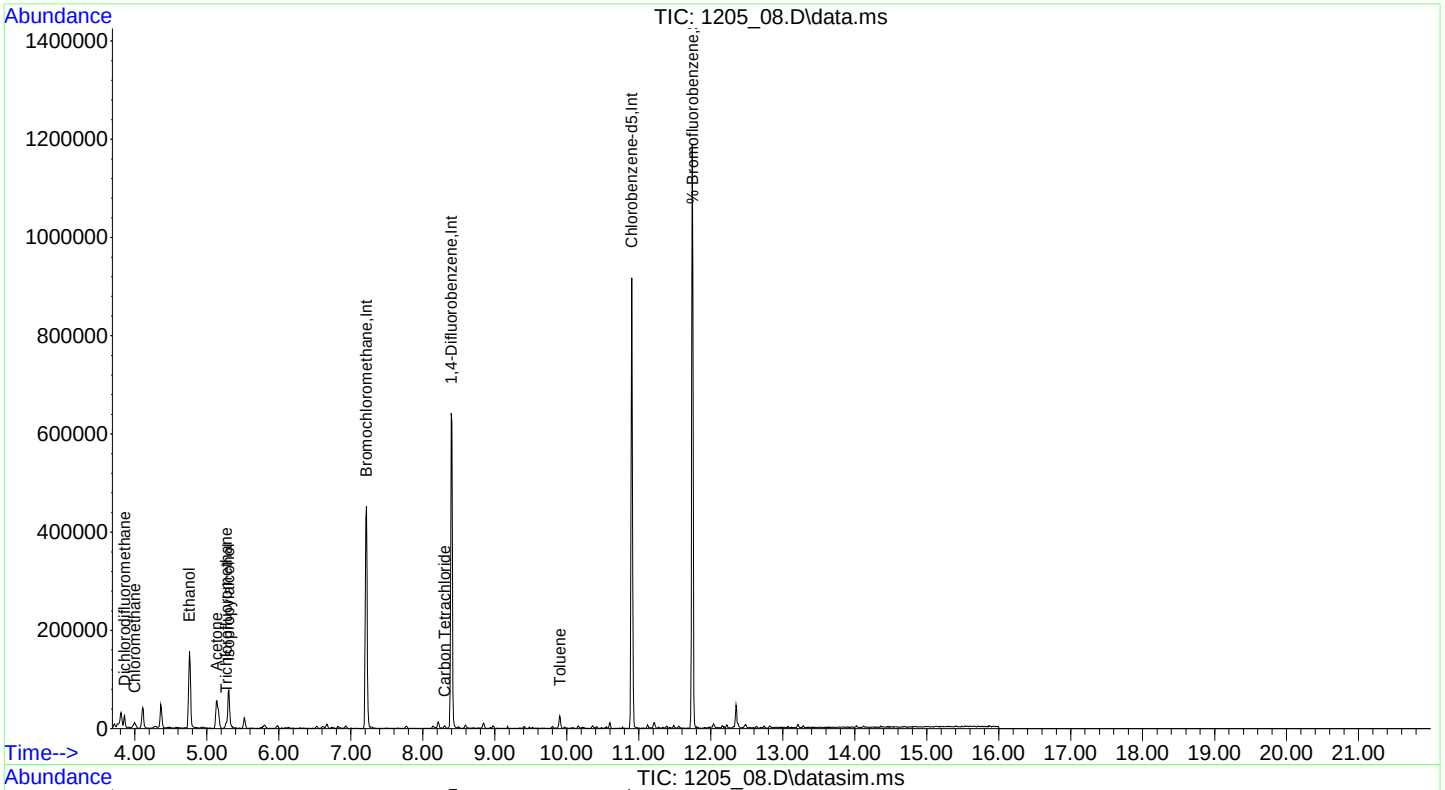
Quant Time: Dec 05 15:34:50 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

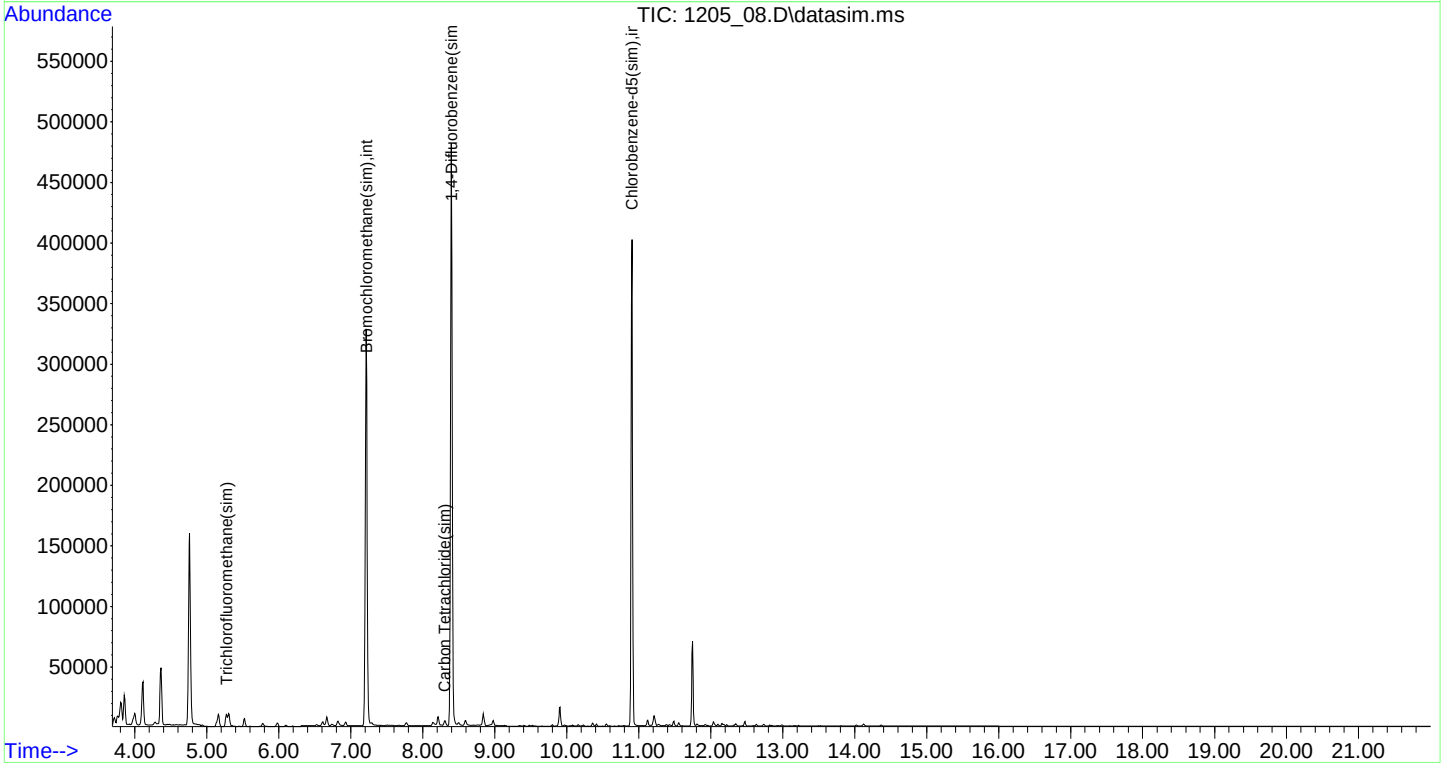
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	108427	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	368966	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	181268	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.220	130	108237	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	369088	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	181268	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	250852	10.140	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.40%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.858	85	20812	0.429	ppbv	#	96
4) Chloromethane	3.996	50	10766	0.521	ppbv		100
11) Ethanol	4.759	45	168028	24.259	ppbv		96
12) Acetone	5.134	43	80633	2.052	ppbv	#	87
13) Trichlorofluoromethane	5.269	101	9087	0.192	ppbv		98
14) Isopropylalcohol	5.305	45	90421	2.421	ppbv		95
34) Carbon Tetrachloride	8.299	117	2483	0.061	ppbv		87
48) Toluene	9.903	91	11907	0.282	ppbv	#	94
84] Trichlorofluoromethane...	5.271	101	9537	0.192	ppbv	#	98
88] Carbon Tetrachloride(sim)	8.302	117	2831	0.073	ppbv		98

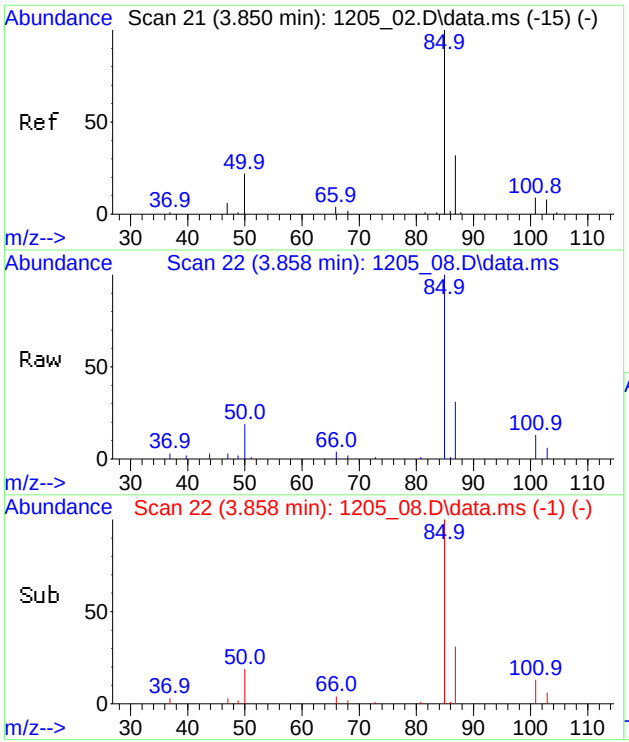
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_08.D
Acq On : 5 Dec 2025 3:02 pm
Operator :
Client ID : AA5 (AMBIENT / OUTDOOR AIR)
Lab ID : CU88086
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 05 15:34:50 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



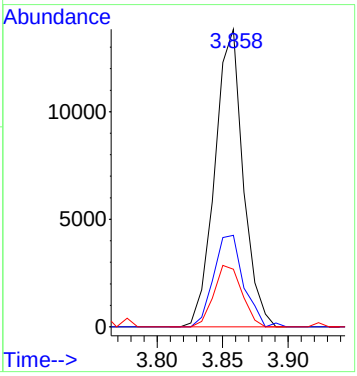


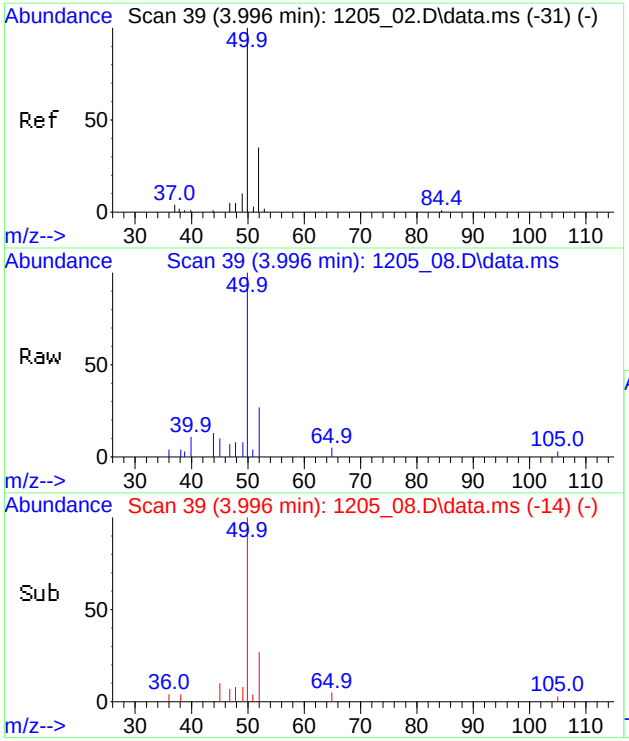


#3
Dichlorodifluoromethane
Conc: 8$ 0.429 ppbv
RT: 3.858 min Scan# 22
Delta R.T. 0.008 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 85 Resp: 20812

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.4	38.2
50	20.5	13.1	19.7#

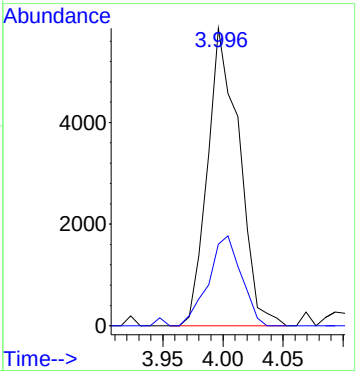


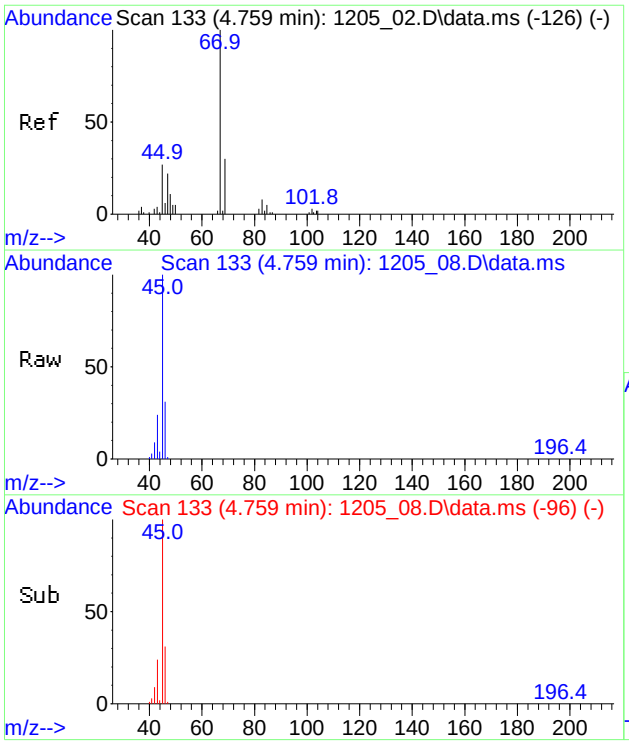


#4
Chloromethane
Conc: 8$ 0.521 ppbv
RT: 3.996 min Scan# 39
Delta R.T. 0.000 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 50 Resp: 10766

Ion	Ratio	Lower	Upper
50	100		
52	31.3	11.0	51.0

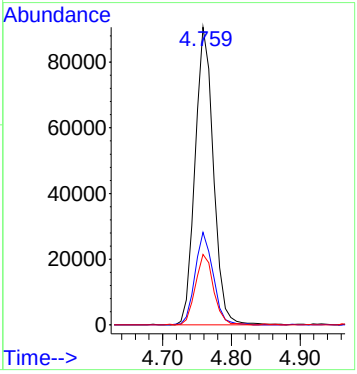


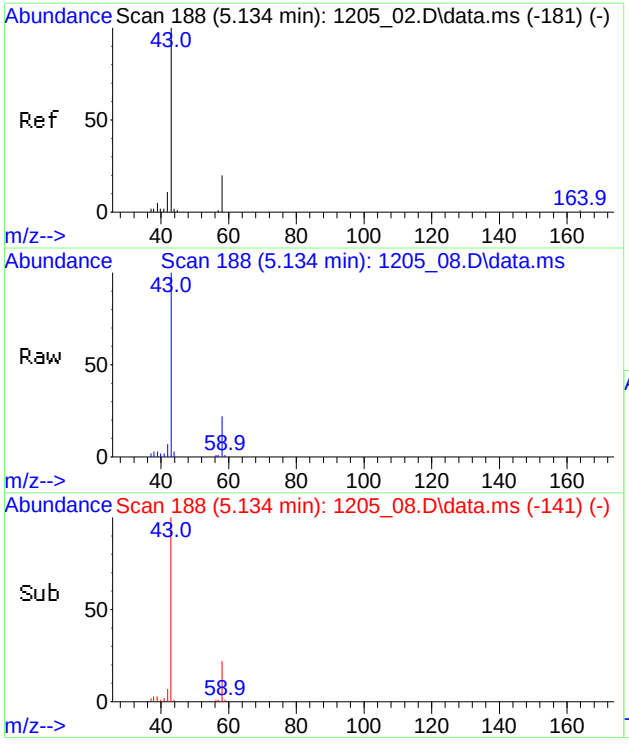


#11
Ethanol
Conc: 8$ 24.259 ppbv
RT: 4.759 min Scan# 133
Delta R.T. 0.000 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 45 Resp: 168028

Ion	Ratio	Lower	Upper
45	100		
46	30.8	25.4	38.0
43	23.5	21.2	31.8

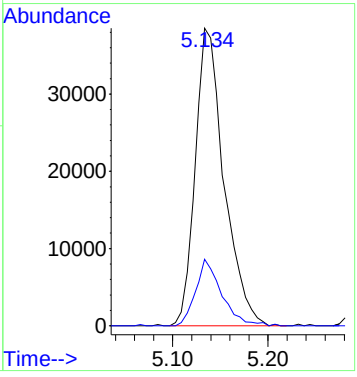


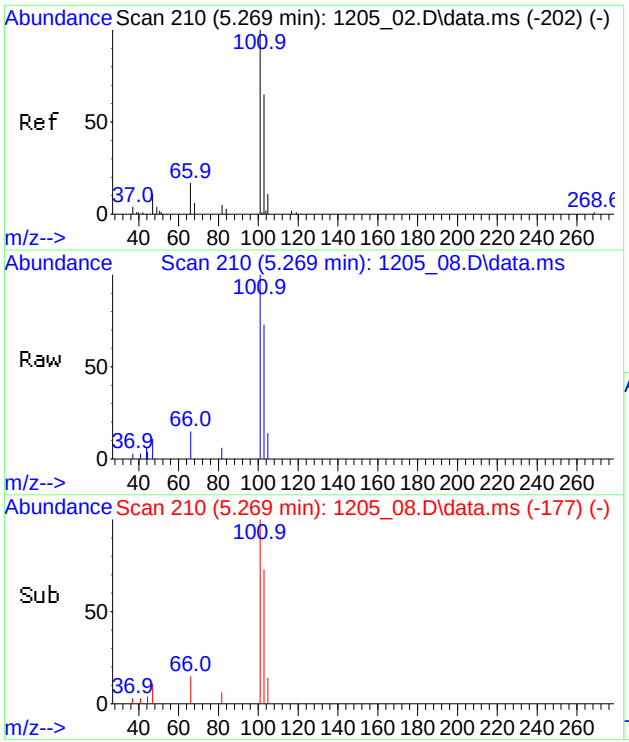


#12
Acetone
Conc: 8$ 2.052 ppbv
RT: 5.134 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 43 Resp: 80633

Ion	Ratio	Lower	Upper
43	100		
58	20.2	21.8	32.6#

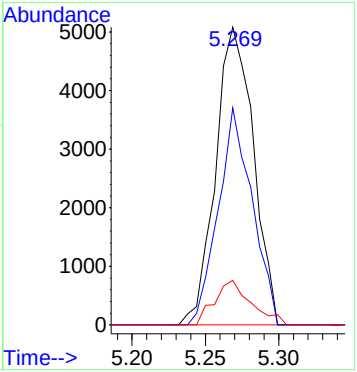


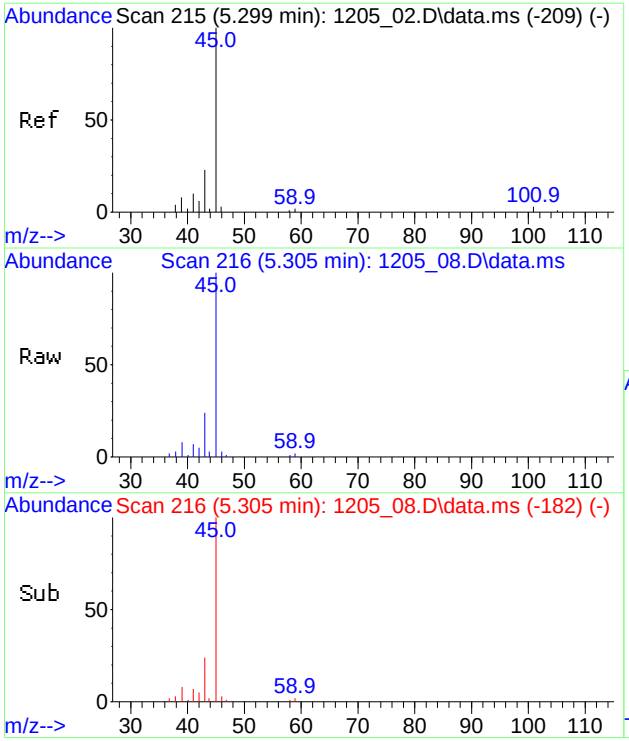


#13
Trichlorofluoromethane
Conc: 8$ 0.192 ppbv
RT: 5.269 min Scan# 210
Delta R.T. 0.000 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion:101 Resp: 9087

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.3	76.9
66	14.4	10.7	16.1

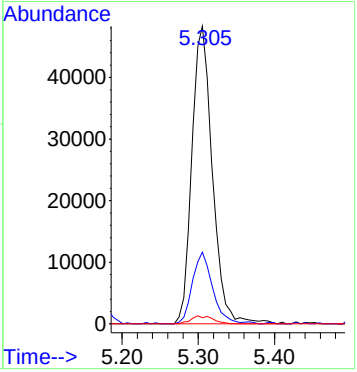


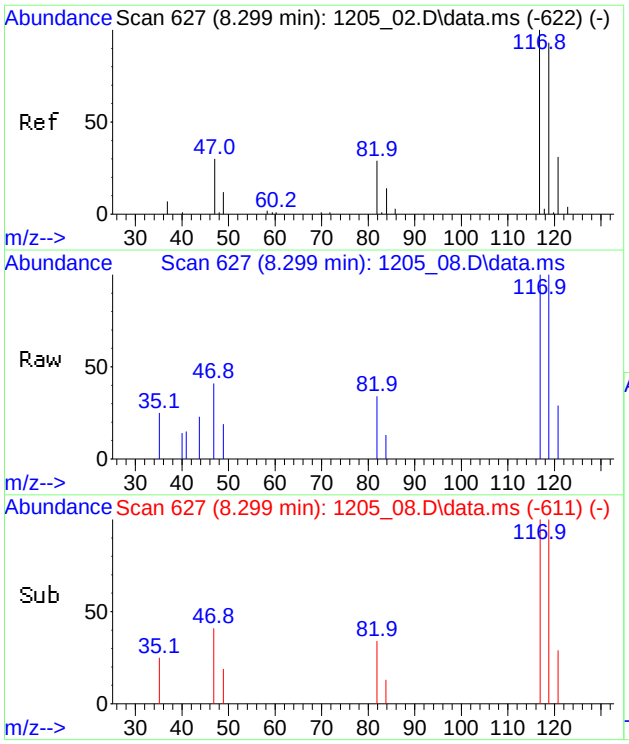


#14
Isopropylalcohol
Conc: 8$ 2.421 ppbv
RT: 5.305 min Scan# 216
Delta R.T. 0.006 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 45 Resp: 90421

Ion	Ratio	Lower	Upper
45	100		
43	23.8	16.8	25.2
59	2.8	2.8	4.2

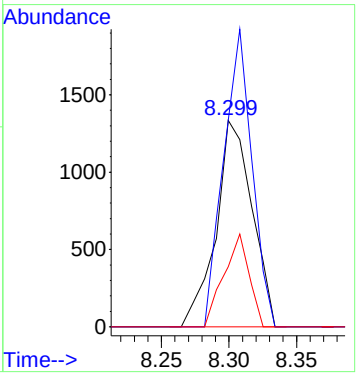


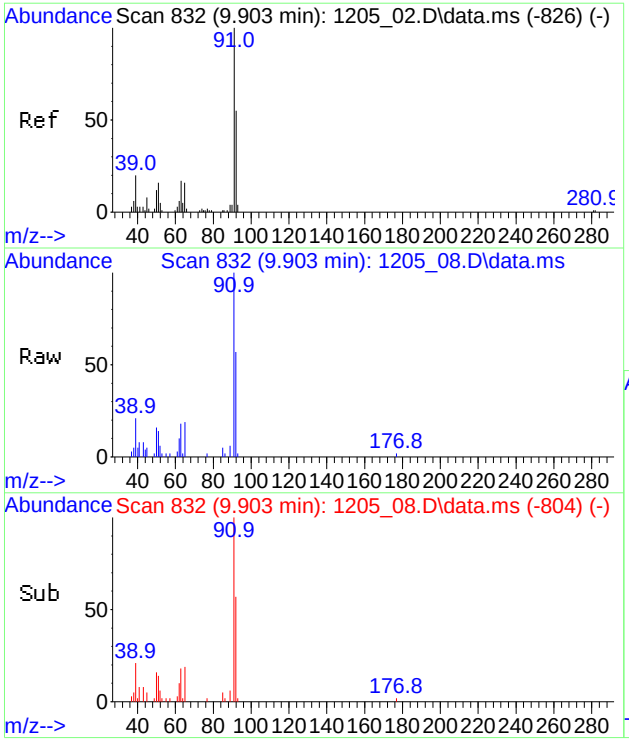


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.299 min Scan# 627
Delta R.T. -0.009 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion:117 Resp: 2483

Ion	Ratio	Lower	Upper
117	100		
119	113.0	75.8	115.8
121	31.4	11.5	51.5

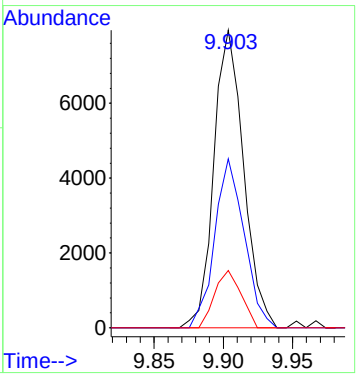


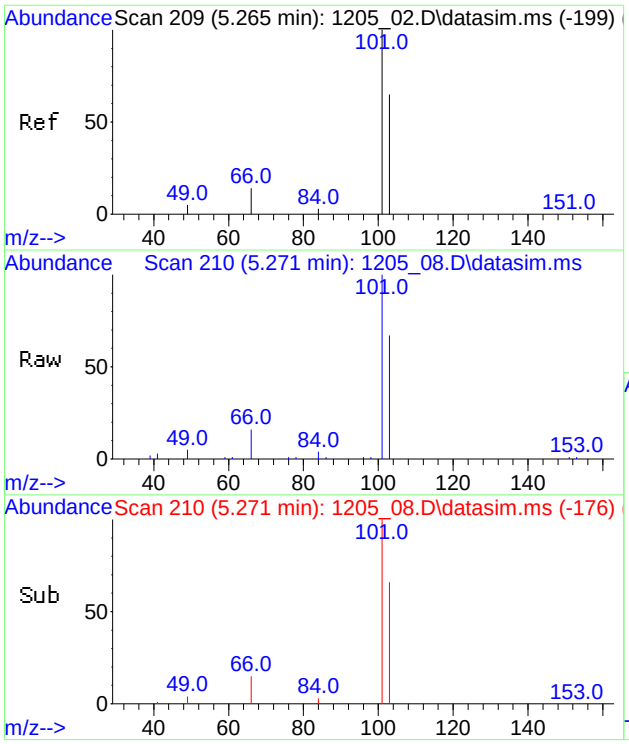


#48
Toluene
Conc: 8$ 0.282 ppbv
RT: 9.903 min Scan# 832
Delta R.T. 0.000 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion: 91 Resp: 11907

Ion	Ratio	Lower	Upper
91	100		
92	56.3	42.6	63.8
65	17.1	10.0	15.0#

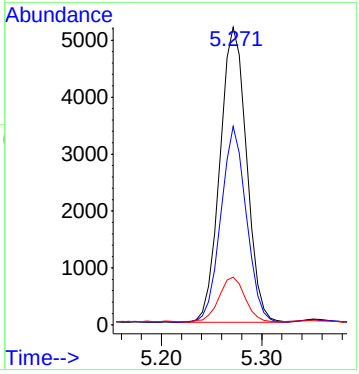


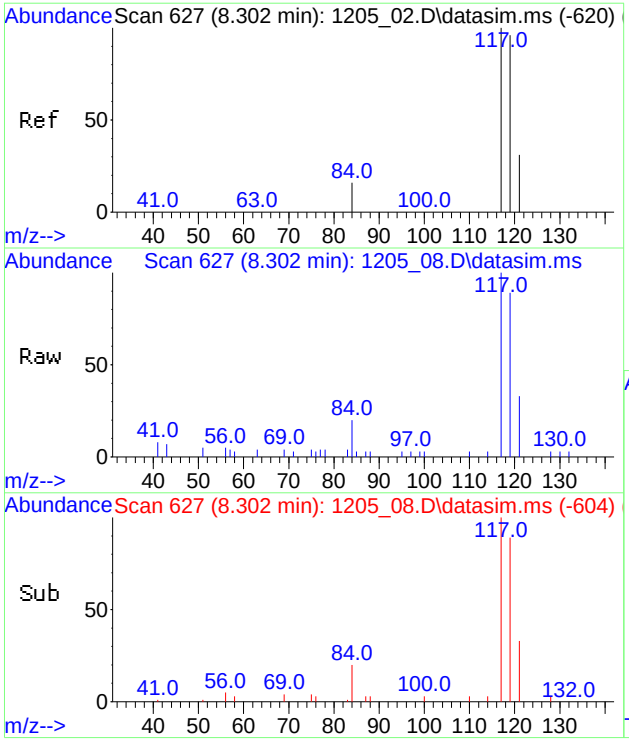


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.192 ppbv
RT: 5.271 min Scan# 210
Delta R.T. 0.006 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion:101 Resp: 9537

Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.8	77.6
66	14.8	13.2	13.2#

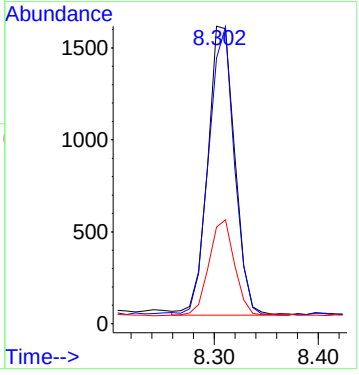




#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.073 ppbv
RT: 8.302 min Scan# 627
Delta R.T. 0.000 min
Lab File: 1205_08.D
Acq: 5 Dec 2025 3:02 pm

Tgt Ion:117 Resp: 2831

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.2	115.8
121	32.0	24.4	36.6



1

AIR ANALYSIS DATA SHEET

CLIENT ID: A4 (25 BARTLETT 1ST FLOOR

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88087

Canister: 28623 Lab File ID: 1205_12.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.570		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	12.6		0.379	0.379	r
64-17-5	Ethanol	52.2	ES	0.531	0.531	r
67-64-1	Acetone	4.00	S	0.421	0.421	r
67-63-0	Isopropylalcohol	34.2	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	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	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.947		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

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: A4 (25 BARTLETT 1ST FLOOR

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88087

Canister: 28623 Lab File ID: 1205_12.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
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)	0.073		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.061		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)	0.307		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_12.D
Acq On : 5 Dec 2025 5:46 pm
Operator :
Client ID : IA4 (25 BARTLETT 1ST FLOOR)
Lab ID : CU88087
ALS Vial : 7 Sample Multiplier: 1

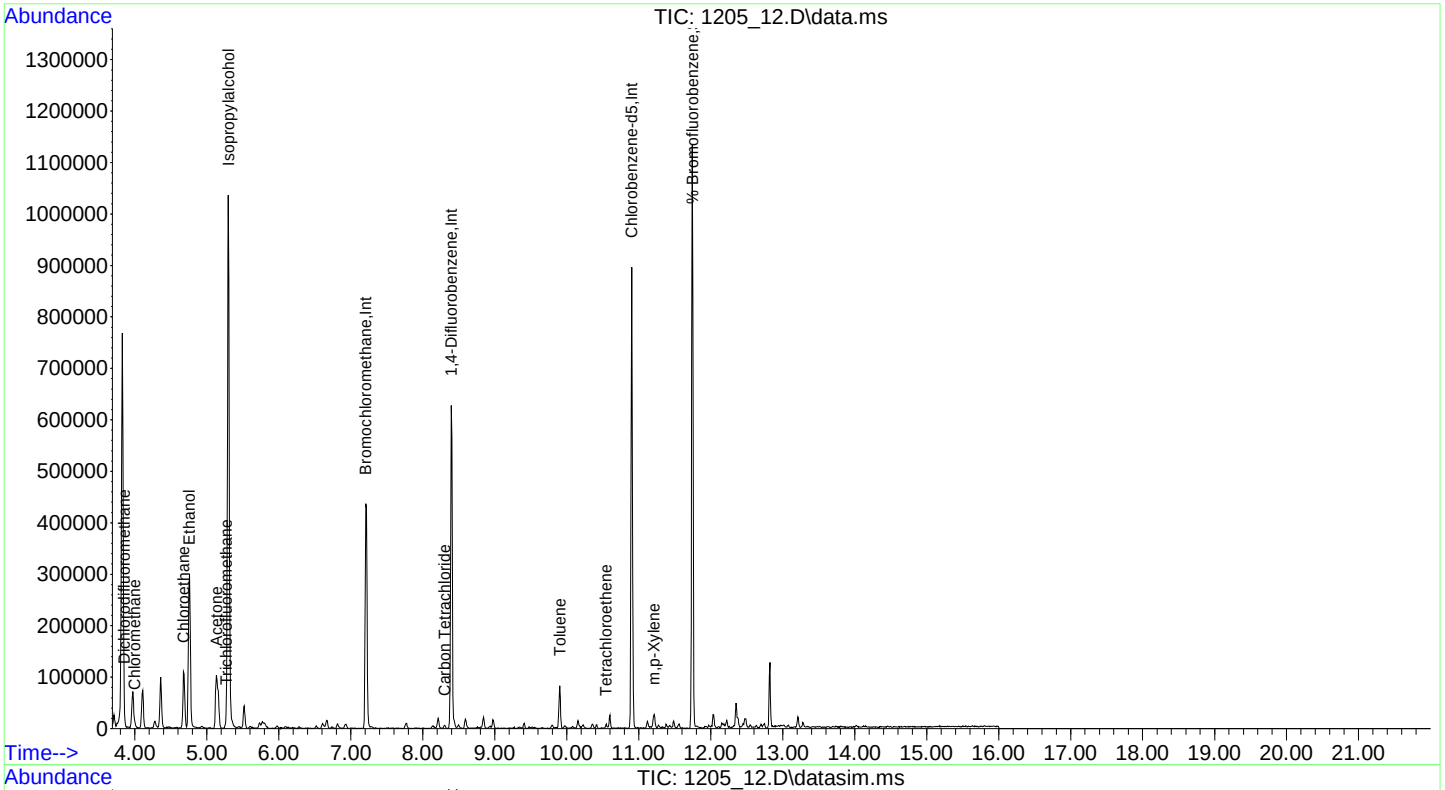
Quant Time: Dec 06 07:20:50 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

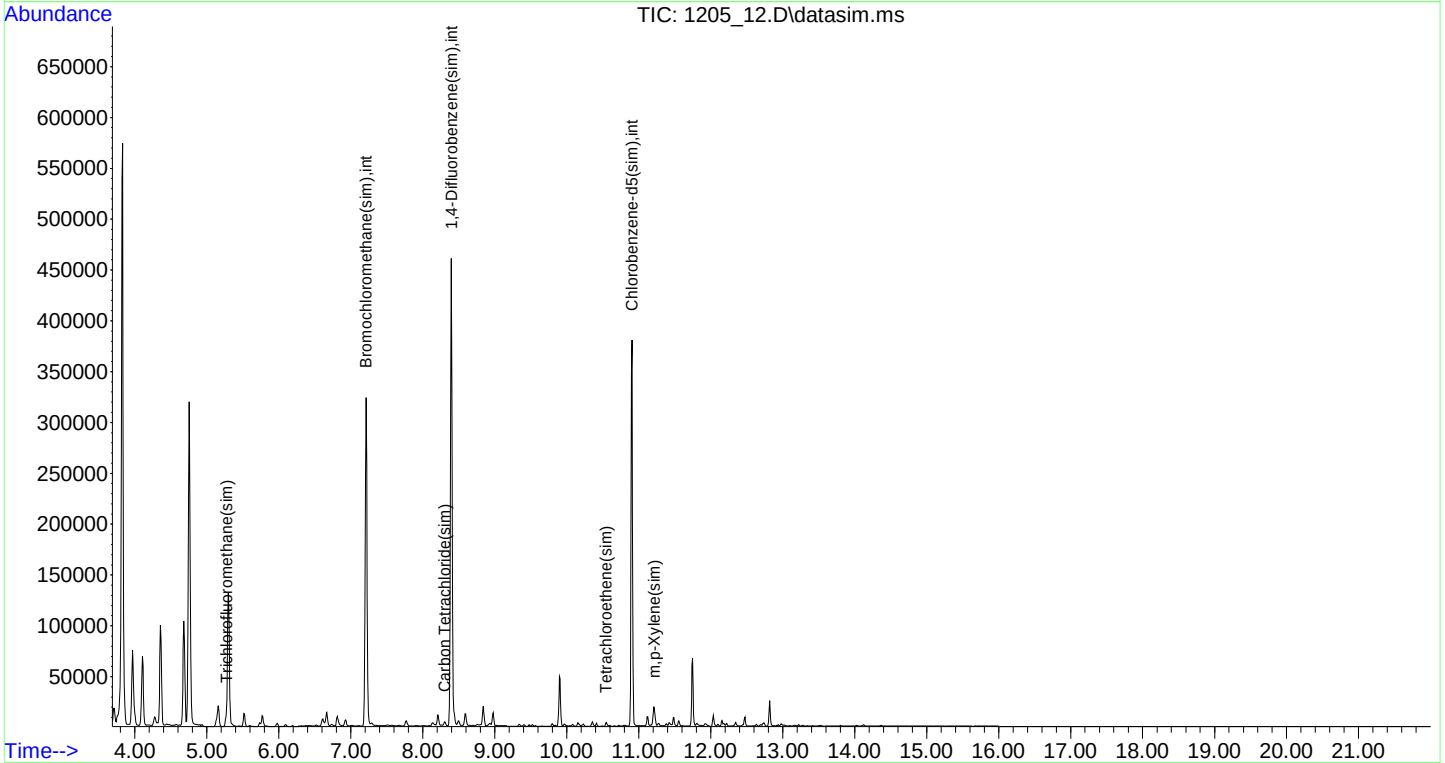
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	99456	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	345794	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	168155	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	102332	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	345794	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	168048	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	240635	10.485	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.90%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.850	85	20186	0.453	ppbv#		52
4) Chloromethane	3.996	50	10801	0.570	ppbv		95
9) Chloroethane	4.677	64	70638	12.554	ppbv		82
11) Ethanol	4.759	45	331354	52.155	ppbv		96
12) Acetone	5.133	43	144234	4.002	ppbv#		84
13) Trichlorofluoromethane	5.268	101	9213	0.212	ppbv		99
14) Isopropylalcohol	5.299	45	1170904	34.176	ppbv#		98
34) Carbon Tetrachloride	8.299	117	2774	0.074	ppbv		89
48) Toluene	9.903	91	37520	0.947	ppbv#		96
52) Tetrachloroethene	10.544	166	1304	0.055	ppbv#		77
57) m,p-Xylene	11.213	91	13145	0.330	ppbv		96
84] Trichlorofluoromethane...	5.271	101	9213	0.196	ppbv#		99
88] Carbon Tetrachloride(sim)	8.302	117	2675	0.073	ppbv		98
104] Tetrachloroethene(sim)	10.547	166	1522	0.061	ppbv		94
107] m,p-Xylene(sim)	11.213	91	13145	0.307	ppbv		96

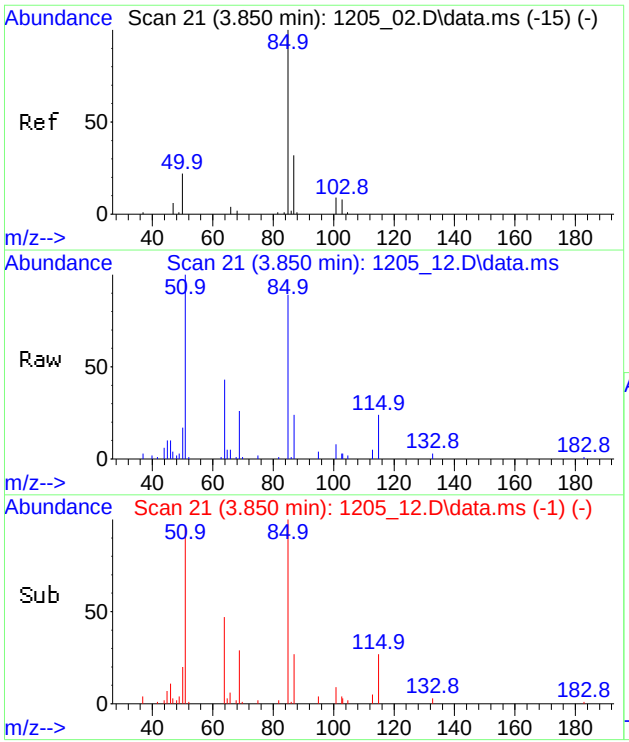
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_12.D
Acq On : 5 Dec 2025 5:46 pm
Operator :
Client ID : IA4 (25 BARTLETT 1ST FLOOR)
Lab ID : CU88087
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 07:20:50 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



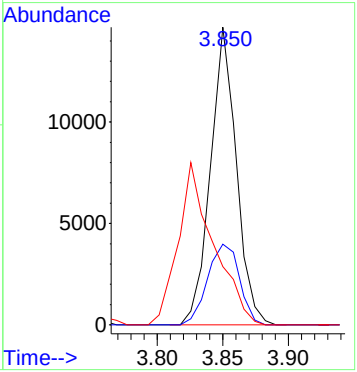


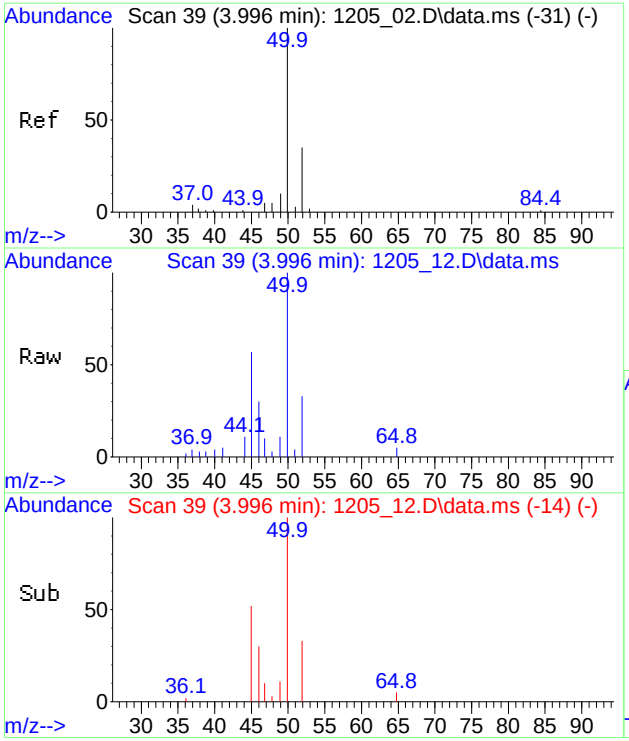


#3
Dichlorodifluoromethane
Conc: 8$ 0.453 ppbv
RT: 3.850 min Scan# 21
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 85 Resp: 20186

Ion	Ratio	Lower	Upper
85	100		
87	33.4	25.4	38.2
50	74.7	13.1	19.7#

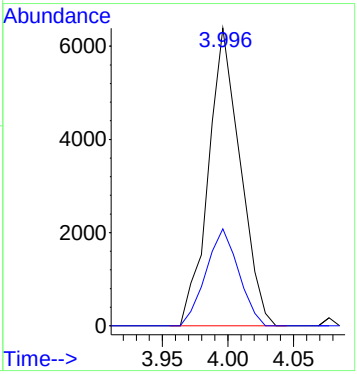


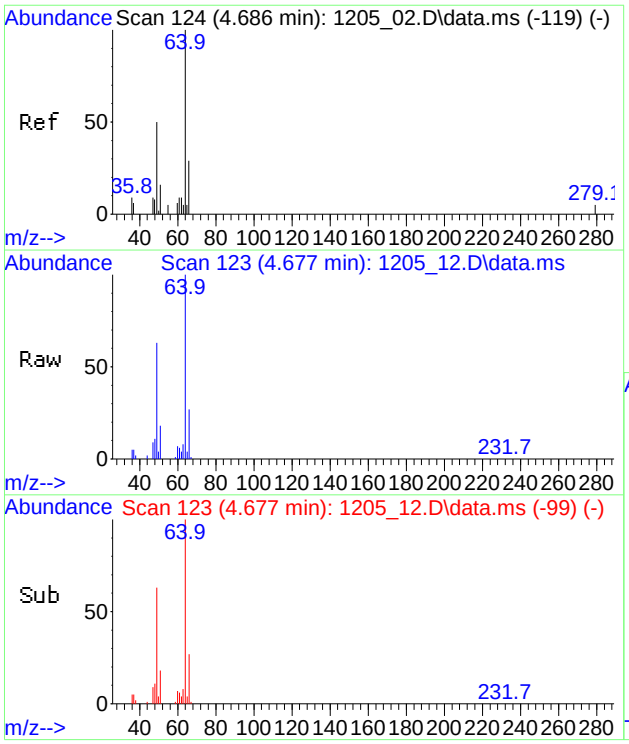


#4
Chloromethane
Conc: 8$ 0.570 ppbv
RT: 3.996 min Scan# 39
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 50 Resp: 10801

Ion	Ratio	Lower	Upper
50	100		
52	33.5	11.0	51.0

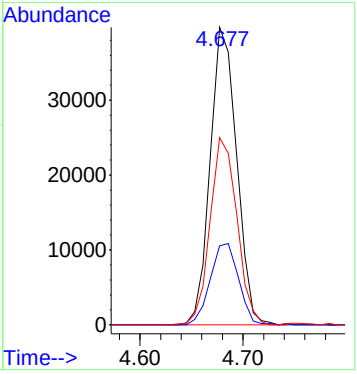


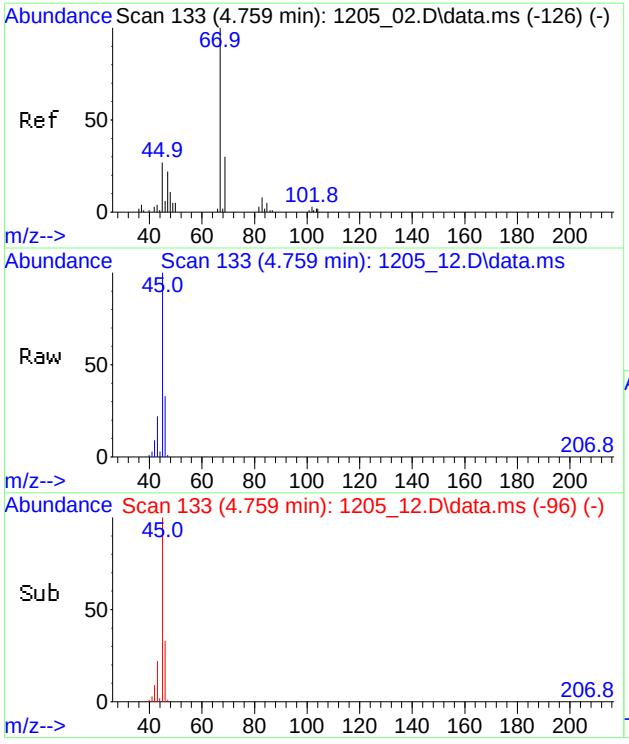


#9
Chloroethane
Conc: 8$ 12.554 ppbv
RT: 4.677 min Scan# 123
Delta R.T. -0.008 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 64 Resp: 70638

Ion	Ratio	Lower	Upper
64	100		
66	29.4	9.9	49.9
49	64.1	25.1	65.1

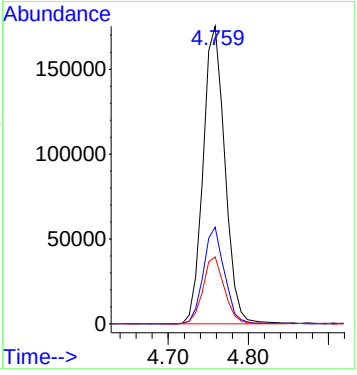


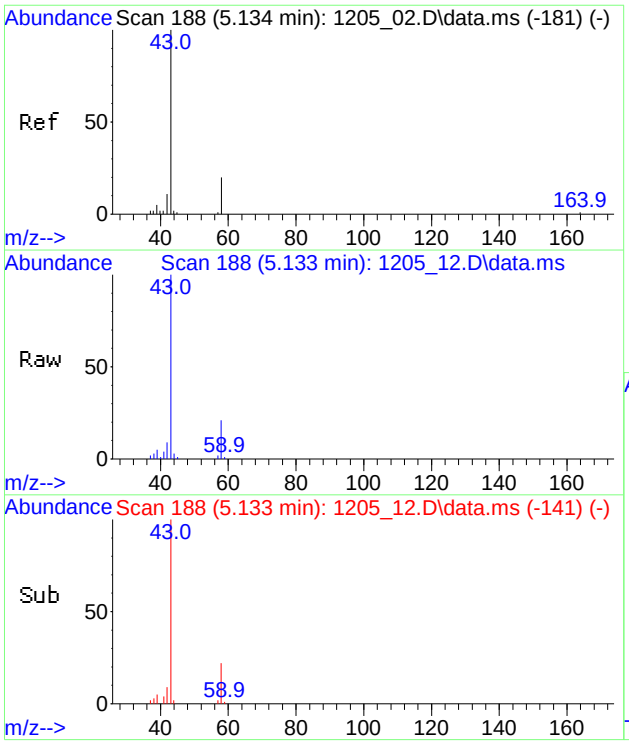


#11
Ethanol
Conc: 8$ 52.155 ppbv
RT: 4.759 min Scan# 133
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 45 Resp: 331354

Ion	Ratio	Lower	Upper
45	100		
46	31.4	25.4	38.0
43	22.2	21.2	31.8

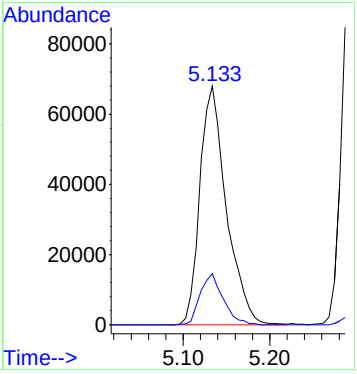


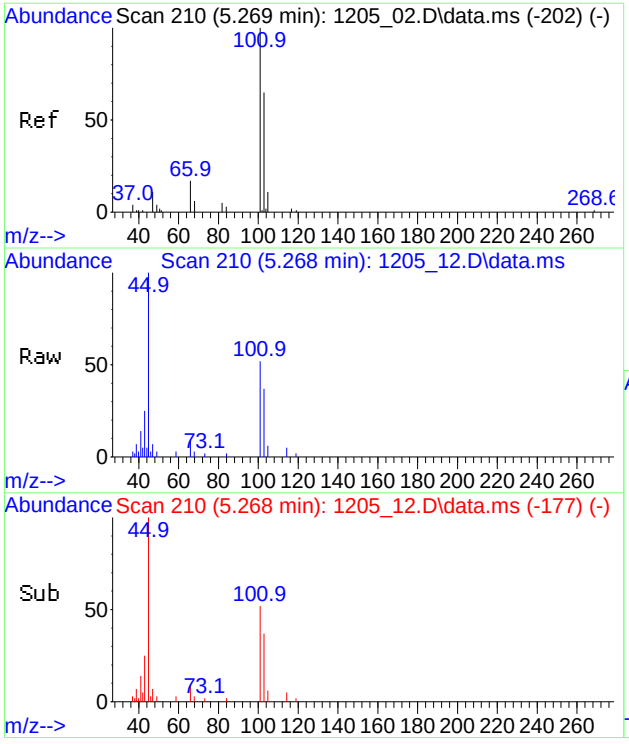


#12
Acetone
Conc: 8$ 4.002 ppbv
RT: 5.133 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 43 Resp: 144234

Ion	Ratio	Lower	Upper
43	100		
58	18.7	21.8	32.6#

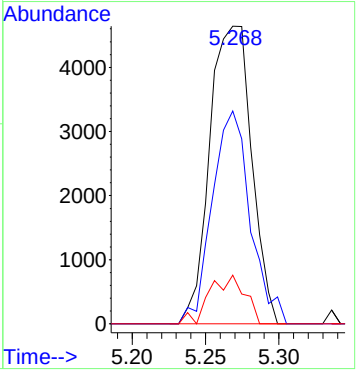


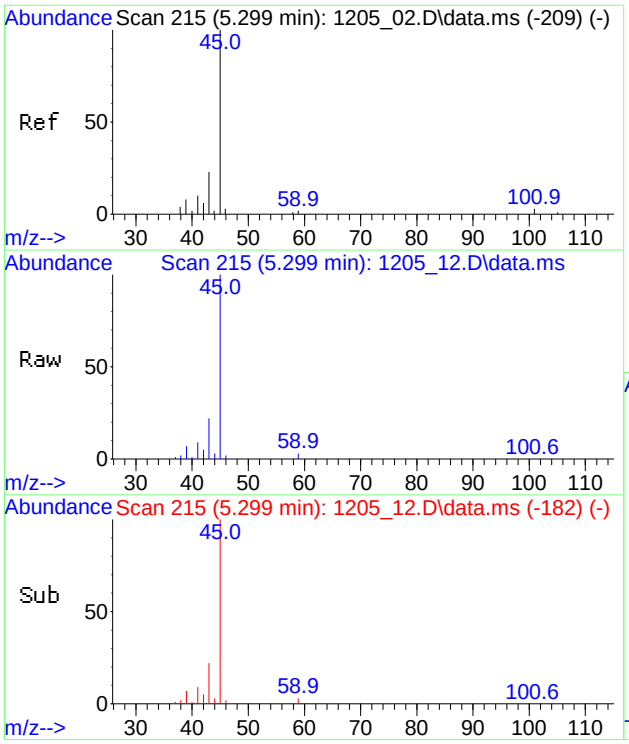


#13
Trichlorofluoromethane
Conc: 8$ 0.212 ppbv
RT: 5.268 min Scan# 210
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:101 Resp: 9213

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.3	76.9
66	13.8	10.7	16.1

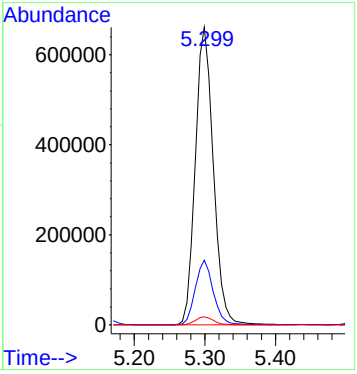


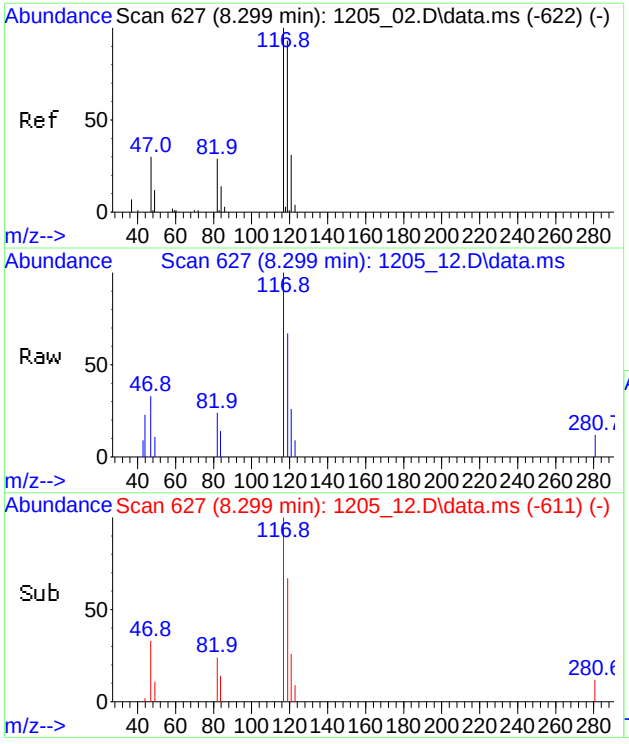


#14
Isopropylalcohol
Conc: 8$ 34.176 ppbv
RT: 5.299 min Scan# 215
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 45 Resp: 1170904

Ion	Ratio	Lower	Upper
45	100		
43	21.7	16.8	25.2
59	2.7	2.8	4.2#

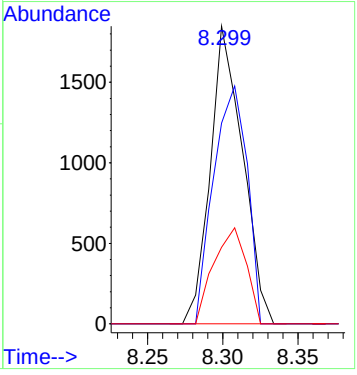


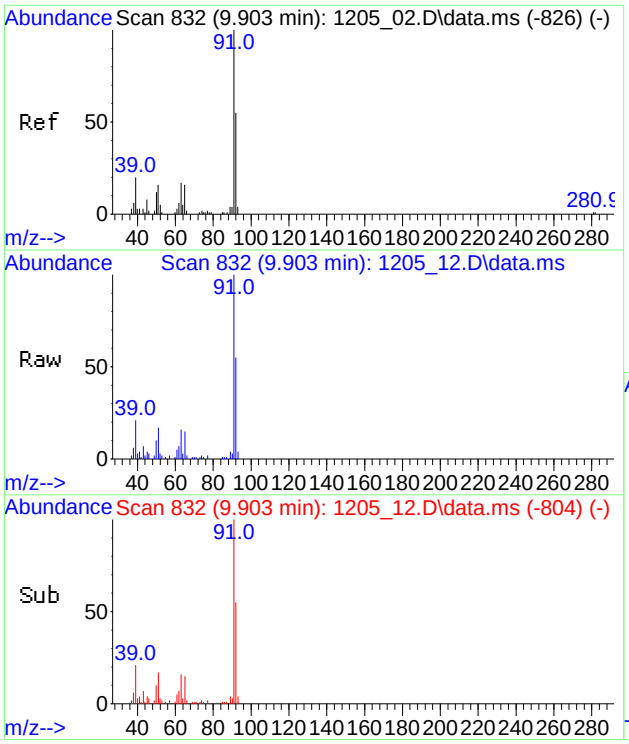


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.299 min Scan# 627
Delta R.T. -0.009 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:117 Resp: 2774

Ion	Ratio	Lower	Upper
117	100		
119	82.8	75.8	115.8
121	32.6	11.5	51.5

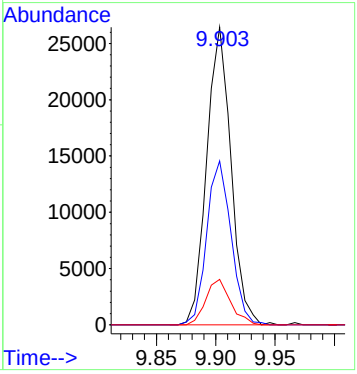


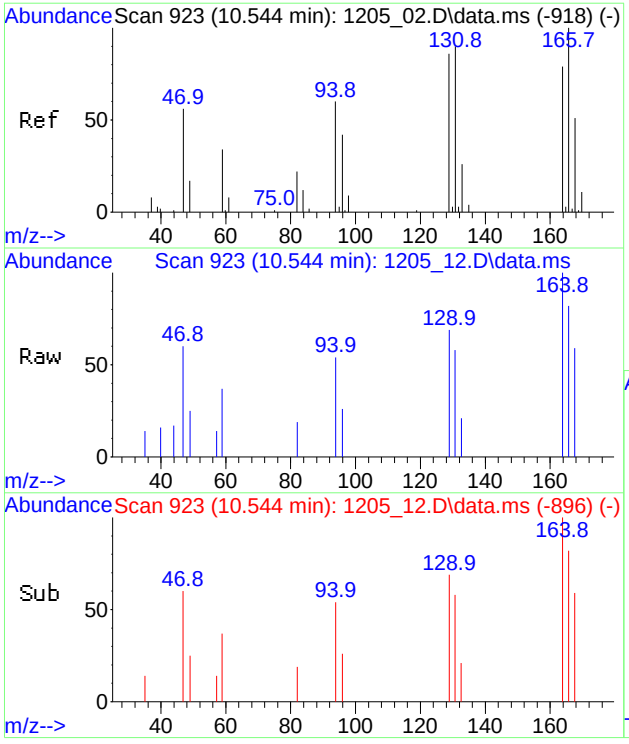


#48
Toluene
Conc: 8$ 0.947 ppbv
RT: 9.903 min Scan# 832
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 91 Resp: 37520

Ion	Ratio	Lower	Upper
91	100		
92	55.2	42.6	63.8
65	15.7	10.0	15.0#

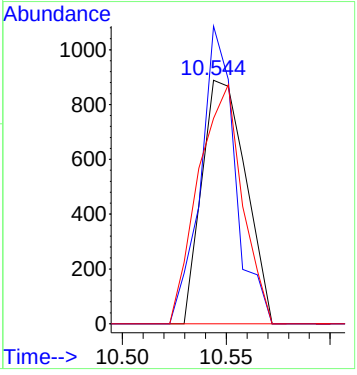


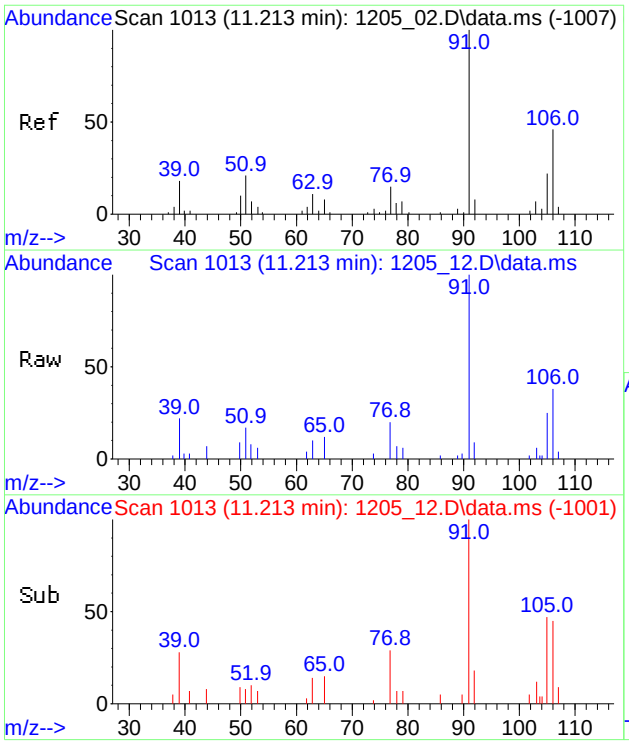


#52
Tetrachloroethene
Conc: 8$ Below Cal
RT: 10.544 min Scan# 923
Delta R.T. -0.007 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:166 Resp: 1304

Ion	Ratio	Lower	Upper
166	100		
164	96.1	61.8	92.8#
129	98.3	62.3	93.5#

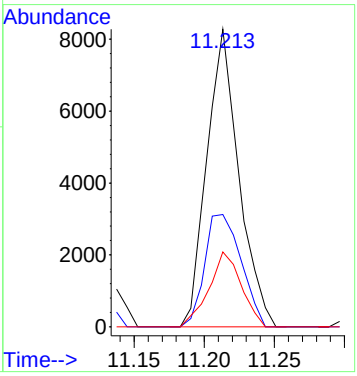


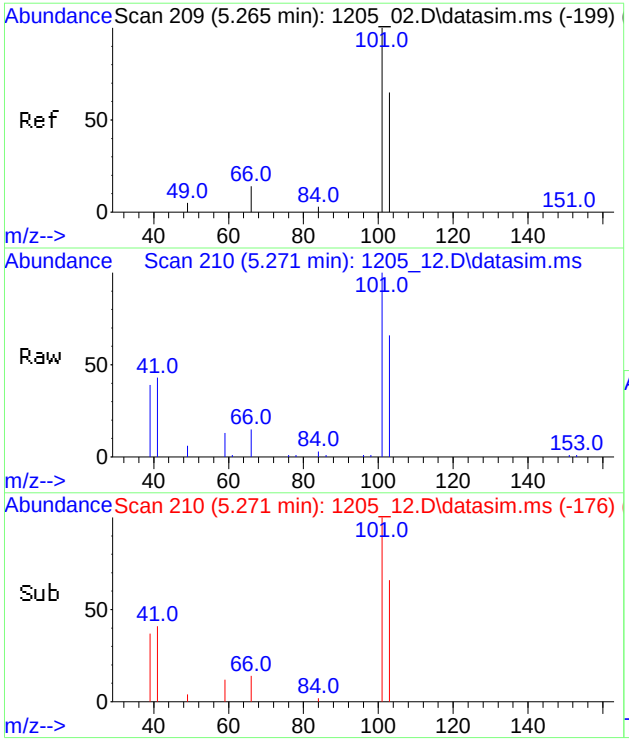


#57
m,p-Xylene
Conc: 8$ 0.330 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 91 Resp: 13145

Ion	Ratio	Lower	Upper
91	100		
106	42.9	36.7	55.1
105	25.4	19.2	28.8

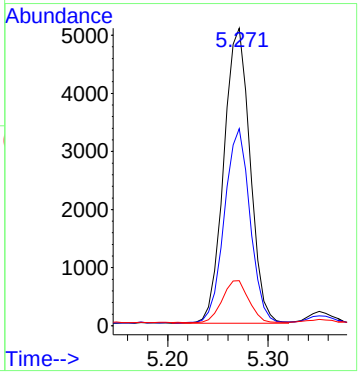


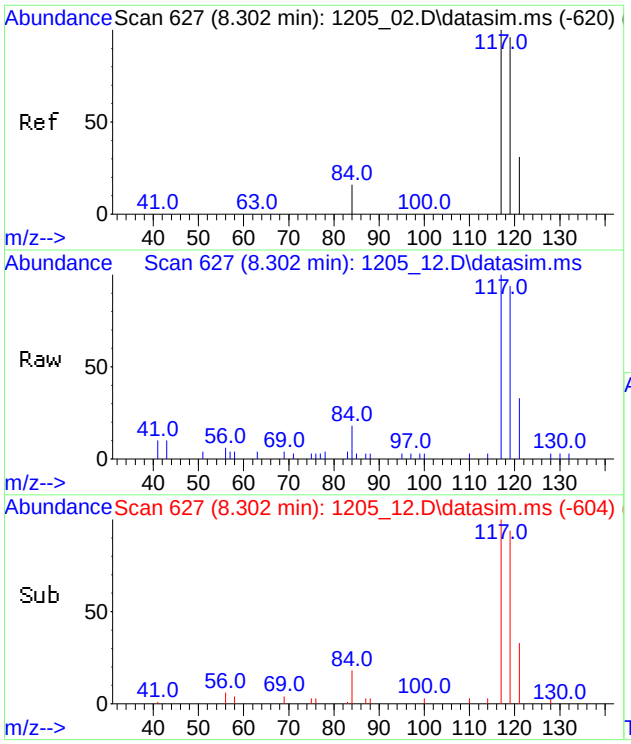


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.196 ppbv
RT: 5.271 min Scan# 210
Delta R.T. 0.006 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:101 Resp: 9213

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6
66	14.3	13.2	13.2#

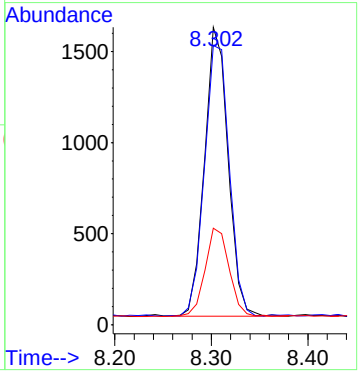


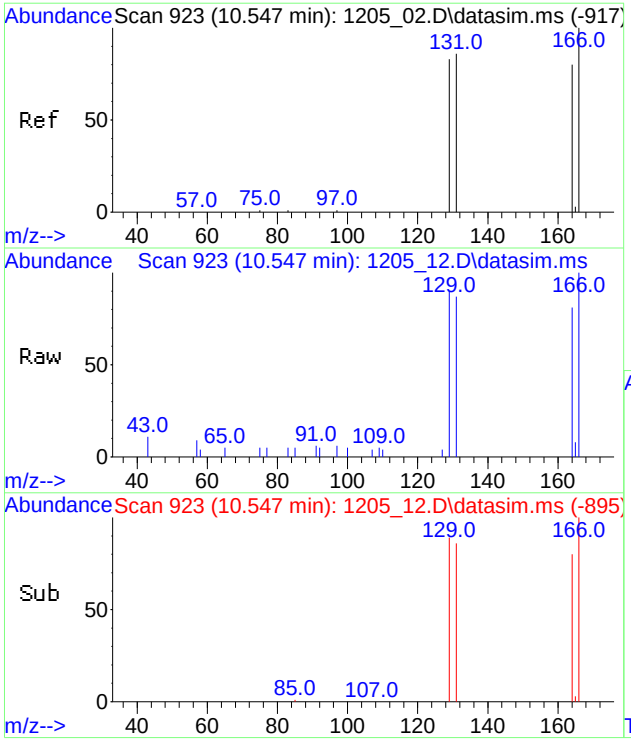


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.073 ppbv
RT: 8.302 min Scan# 627
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:117 Resp: 2675

Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.2	115.8
121	31.1	24.4	36.6

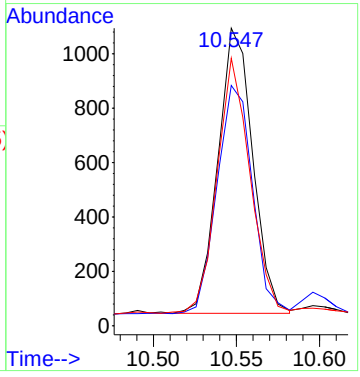


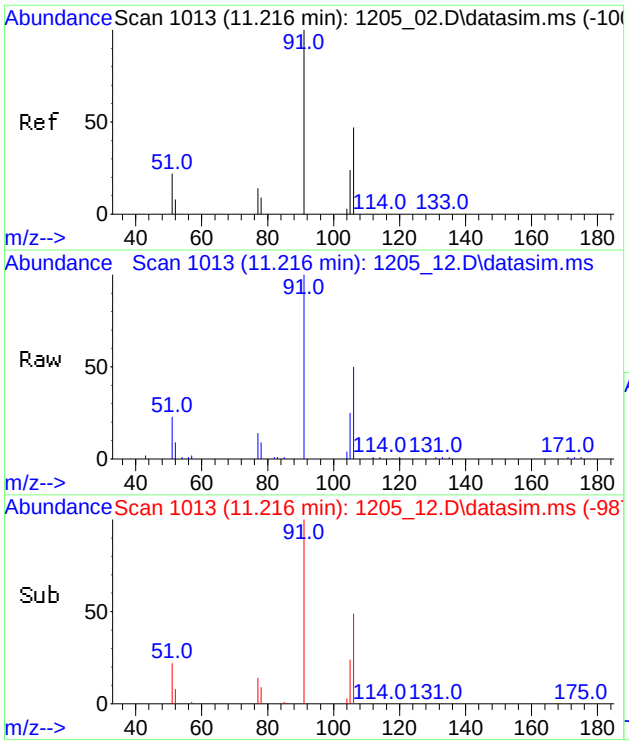


#104
Tetrachloroethene(sim)
Conc: 8$ 0.061 ppbv
RT: 10.547 min Scan# 923
Delta R.T. -0.000 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion:166 Resp: 1522

Ion	Ratio	Lower	Upper
166	100		
164	81.7	58.6	98.6
129	84.8	57.2	97.2

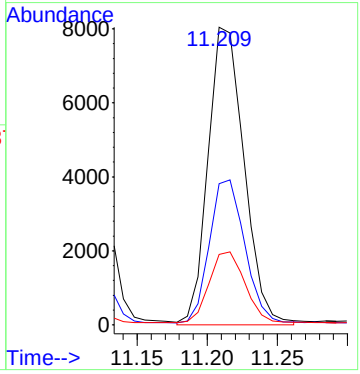




#107
m,p-Xylene(sim)
Conc: 8$ 0.307 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_12.D
Acq: 5 Dec 2025 5:46 pm

Tgt Ion: 91 Resp: 13145

Ion	Ratio	Lower	Upper
91	100		
106	42.9	41.0	50.1
105	25.4	19.1	28.7



AIR ANALYSIS DATA SHEET

CLIENT ID: A3 (25 BARTLETT BASEMENT

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88088

Canister: 53539 Lab File ID: 1205_13.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.444		0.202	0.202	r
74-87-3	Chloromethane	0.613		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	28.6	S	0.531	0.531	r
67-64-1	Acetone	3.39	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.60	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.315		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	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.823		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

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: A3 (25 BARTLETT BASEMENT

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88088

Canister: 53539 Lab File ID: 1205_13.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.198		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)	0.073		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.055		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)	0.311		0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_13.D
Acq On : 5 Dec 2025 6:27 pm
Operator :
Client ID : IA3 (25 BARTLETT BASEMENT)
Lab ID : CU88088
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 07:21:20 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

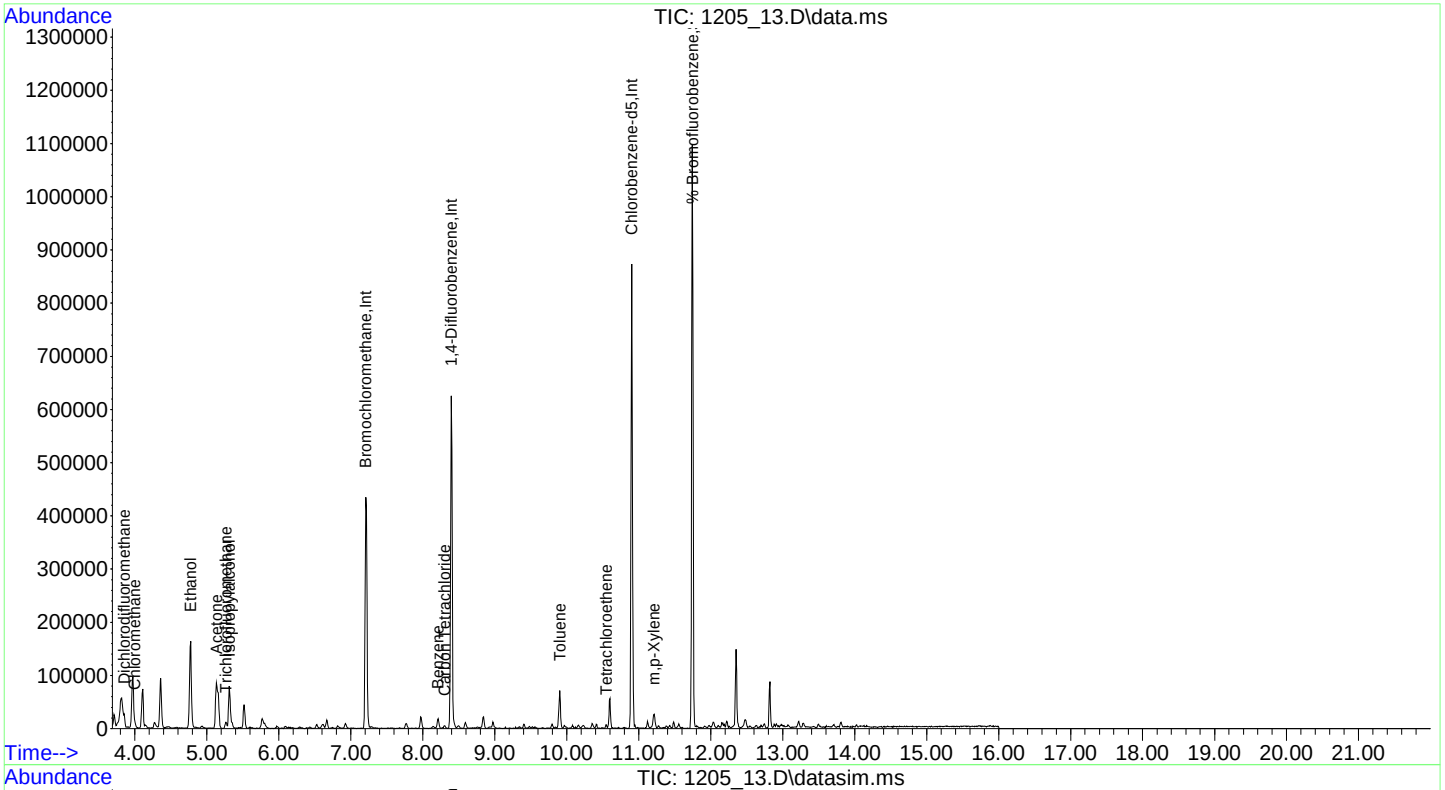
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	97147	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	338705	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	167247	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	99908	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	338806	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	167390	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	231221	10.130	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.30%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.850	85	19315	0.444	ppbv#		88
4) Chloromethane	3.996	50	11356	0.613	ppbv		94
11) Ethanol	4.775	45	177588	28.616	ppbv		95
12) Acetone	5.134	43	119303	3.389	ppbv#		81
13) Trichlorofluoromethane	5.262	101	8792	0.207	ppbv		95
14) Isopropylalcohol	5.311	45	86914	2.597	ppbv#		94
33) Benzene	8.213	78	8714	0.315	ppbv#		82
34) Carbon Tetrachloride	8.299	117	2979	0.081	ppbv		94
48) Toluene	9.903	91	31941	0.823	ppbv		96
52) Tetrachloroethene	10.551	166	1523	0.065	ppbv#		87
57) m,p-Xylene	11.213	91	13229	0.334	ppbv		94
84] Trichlorofluoromethane...	5.265	101	9059	0.198	ppbv#		98
88] Carbon Tetrachloride(sim)	8.302	117	2608	0.073	ppbv		96
104] Tetrachloroethene(sim)	10.547	166	1330	0.054	ppbv		96
107] m,p-Xylene(sim)	11.213	91	13229	0.311	ppbv#		94

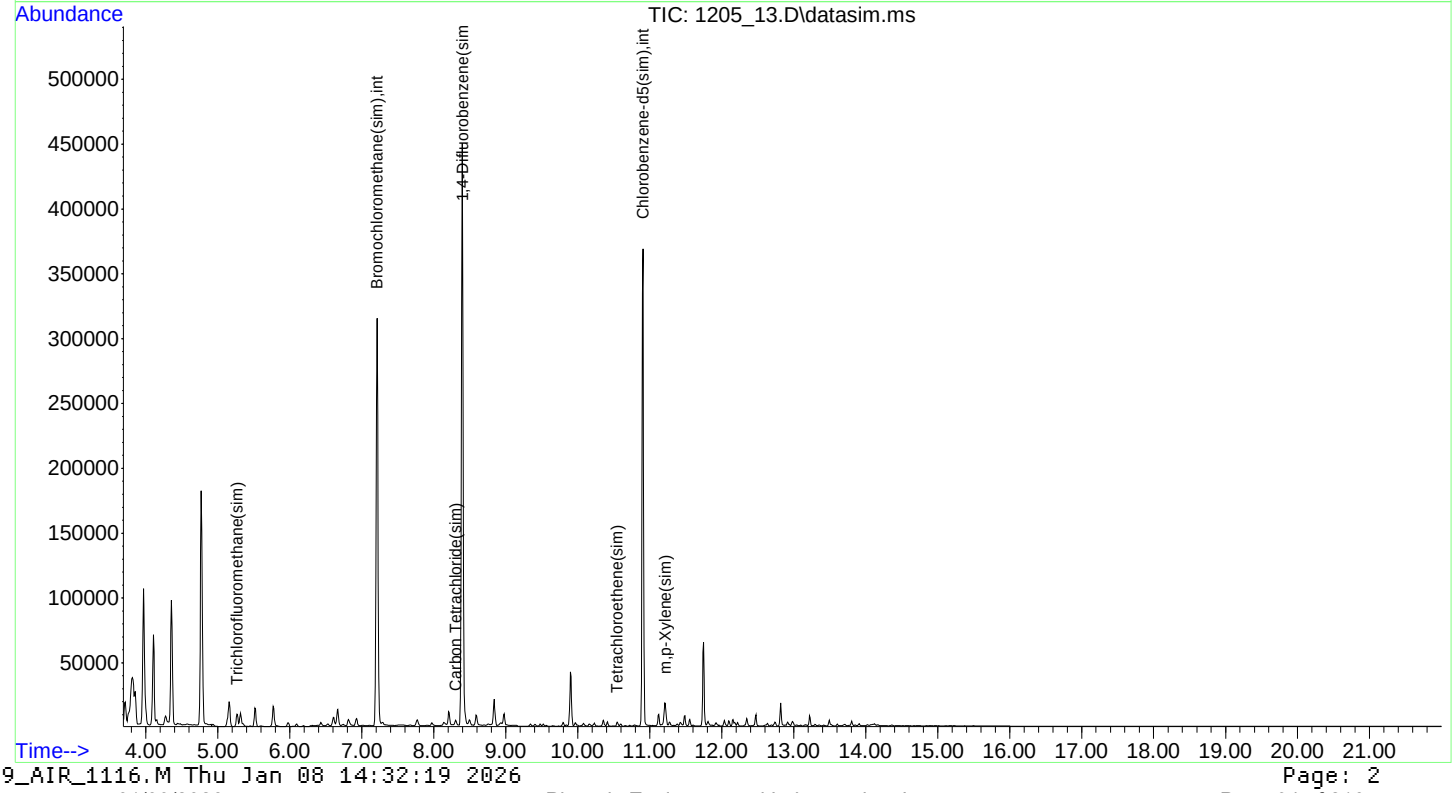
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

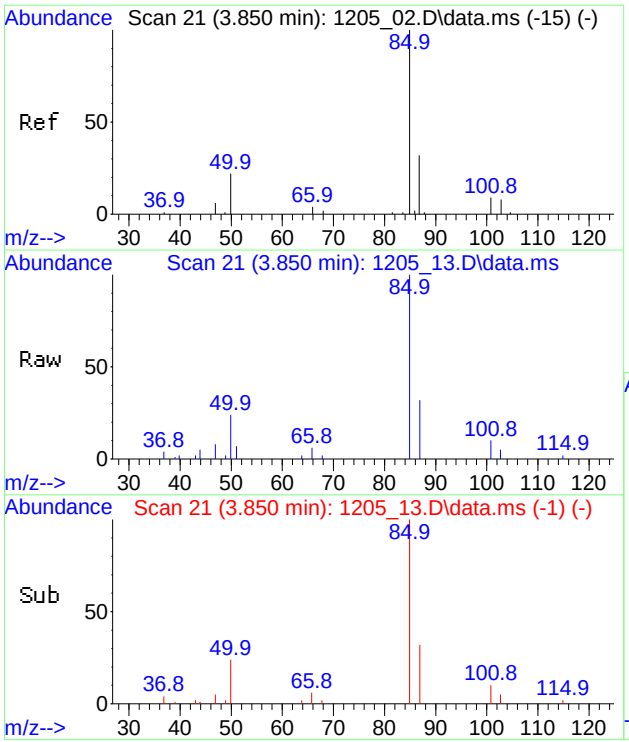
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_13.D
Acq On : 5 Dec 2025 6:27 pm
Operator :
Client ID : IA3 (25 BARTLETT BASEMENT)
Lab ID : CU88088
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 06 07:21:20 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



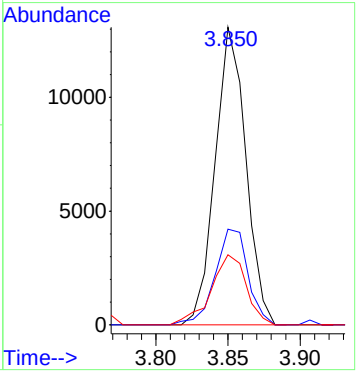


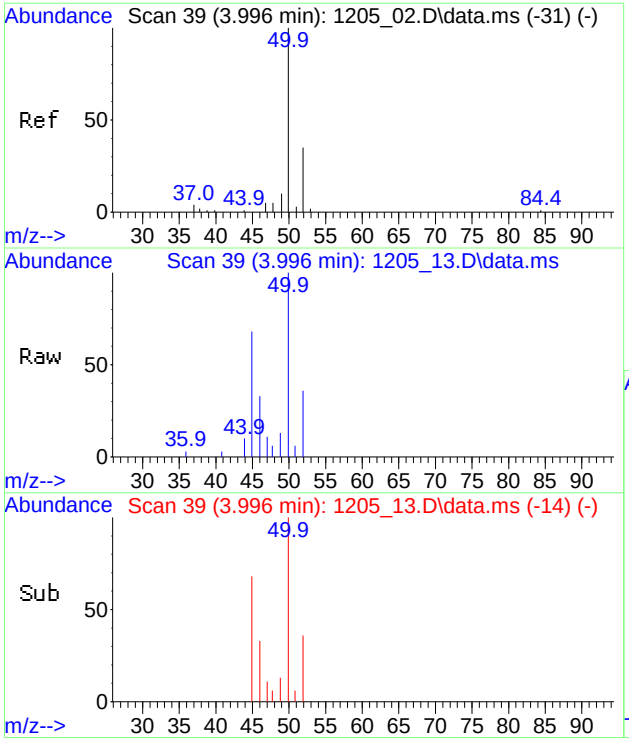


#3
Dichlorodifluoromethane
Conc: 8$ 0.444 ppbv
RT: 3.850 min Scan# 21
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 85 Resp: 19315

Ion	Ratio	Lower	Upper
85	100		
87	34.4	25.4	38.2
50	27.0	13.1	19.7#

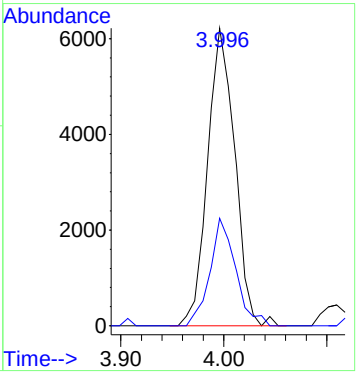


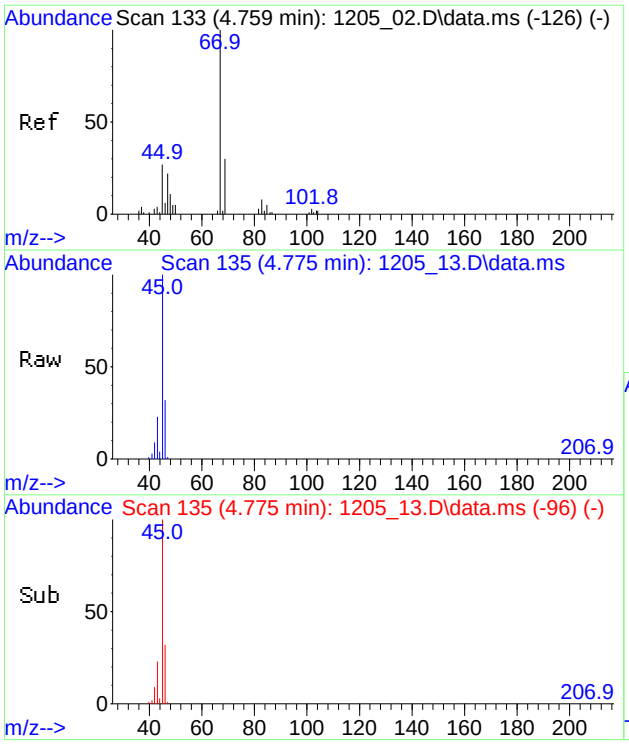


#4
Chloromethane
Conc: 8$ 0.613 ppbv
RT: 3.996 min Scan# 39
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 50 Resp: 11356

Ion	Ratio	Lower	Upper
50	100		
52	34.2	11.0	51.0

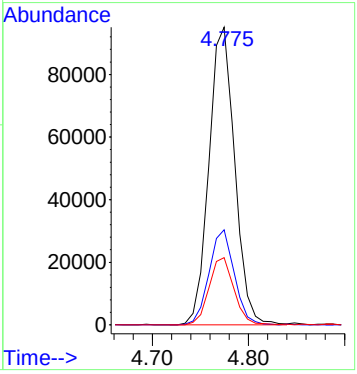


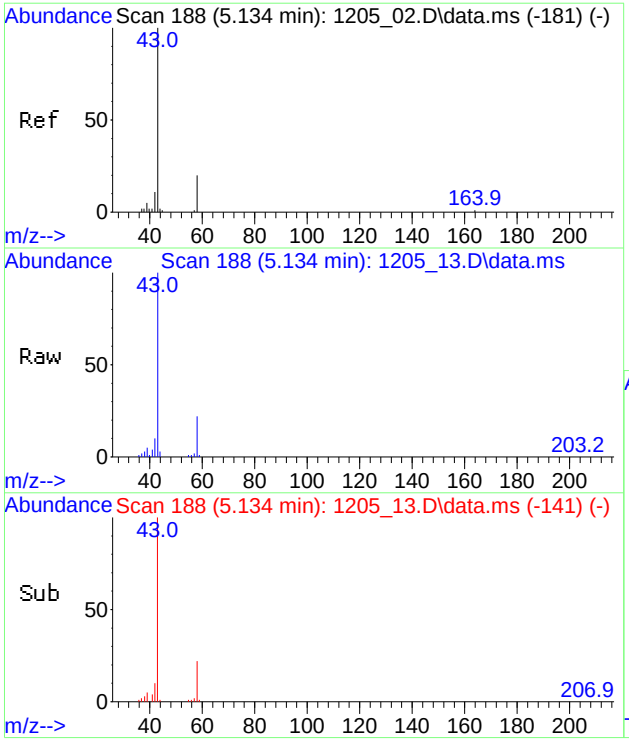


#11
Ethanol
Conc: 8$ 28.616 ppbv
RT: 4.775 min Scan# 135
Delta R.T. 0.016 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 45 Resp: 177588

Ion	Ratio	Lower	Upper
45	100		
46	31.2	25.4	38.0
43	21.9	21.2	31.8

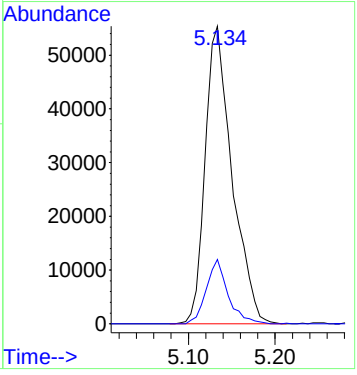


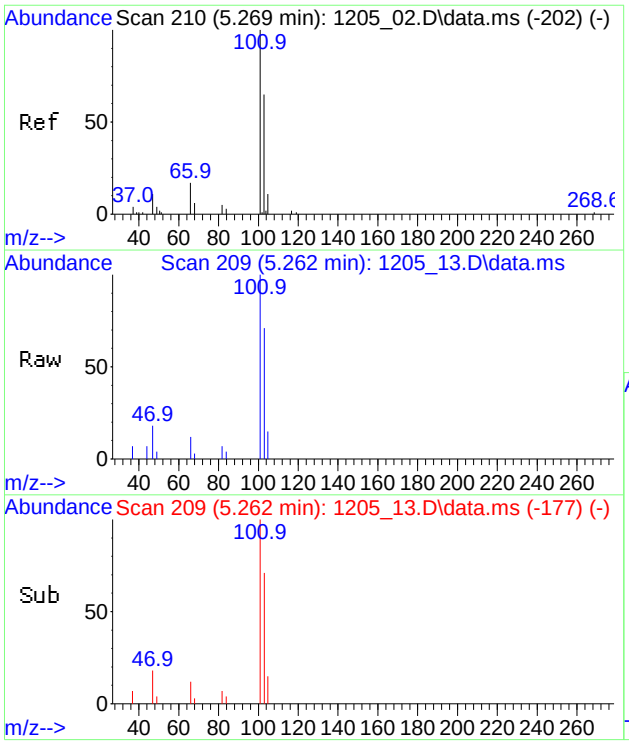


#12
Acetone
Conc: 8$ 3.389 ppbv
RT: 5.134 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 43 Resp: 119303

Ion	Ratio	Lower	Upper
43	100		
58	17.5	21.8	32.6#

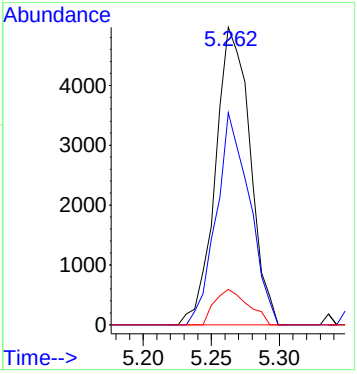


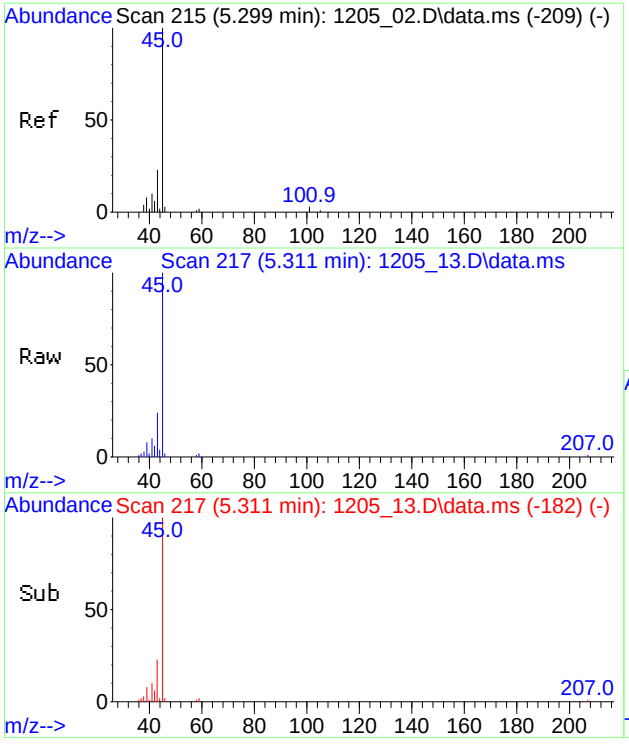


#13
Trichlorofluoromethane
Conc: 8$ 0.207 ppbv
RT: 5.262 min Scan# 209
Delta R.T. -0.006 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:101 Resp: 8792

Ion	Ratio	Lower	Upper
101	100		
103	68.4	51.3	76.9
66	11.5	10.7	16.1

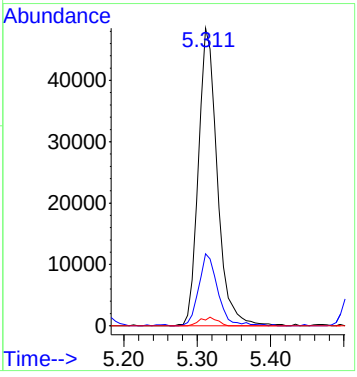


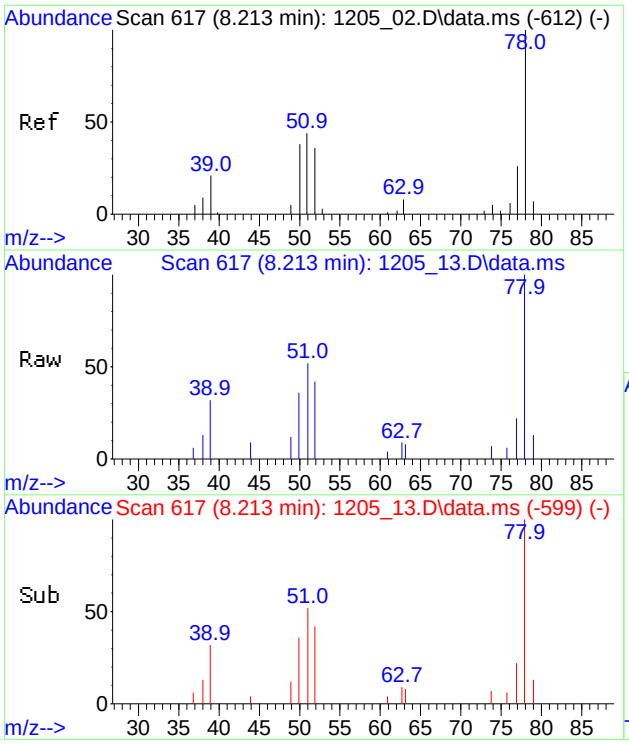


#14
Isopropylalcohol
Conc: 8$ 2.597 ppbv
RT: 5.311 min Scan# 217
Delta R.T. 0.012 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 45 Resp: 86914

Ion	Ratio	Lower	Upper
45	100		
43	24.3	16.8	25.2
59	2.7	2.8	4.2#

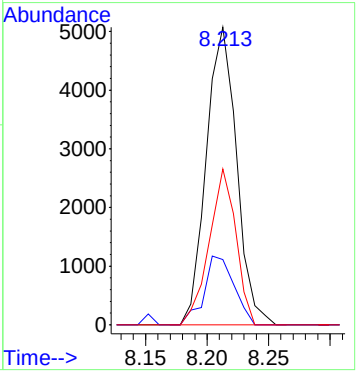


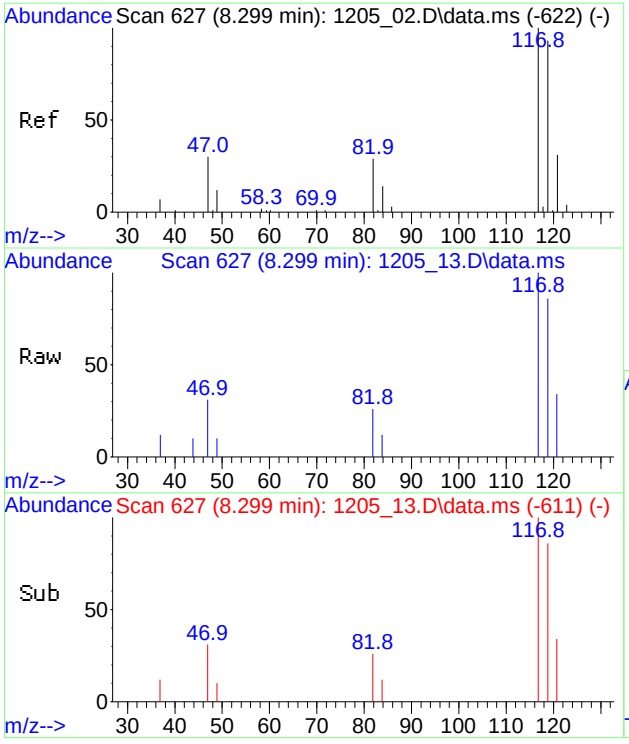


#33
Benzene
Conc: 8$ 0.315 ppbv
RT: 8.213 min Scan# 617
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 78 Resp: 8714

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3
51	46.2	23.9	35.9#

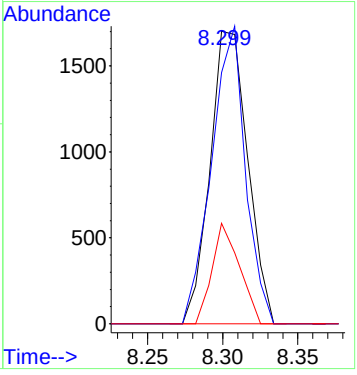


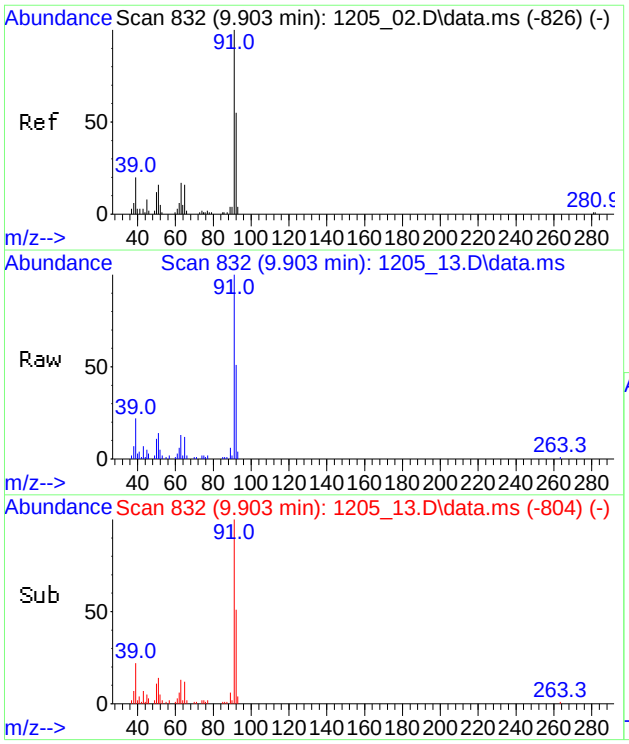


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.299 min Scan# 627
Delta R.T. -0.009 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:117 Resp: 2979

Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	115.8
121	24.9	11.5	51.5

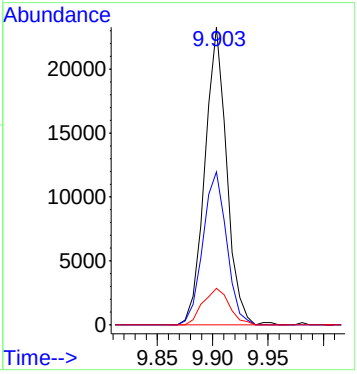


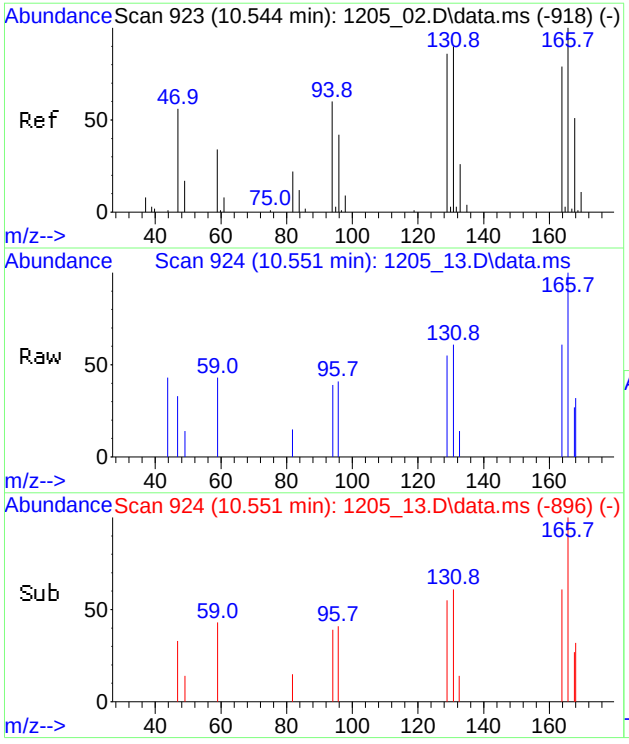


#48
Toluene
Conc: 8$ 0.823 ppbv
RT: 9.903 min Scan# 832
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 91 Resp: 31941

Ion	Ratio	Lower	Upper
91	100		
92	55.6	42.6	63.8
65	14.8	10.0	15.0

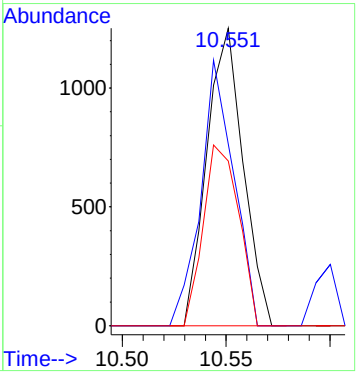


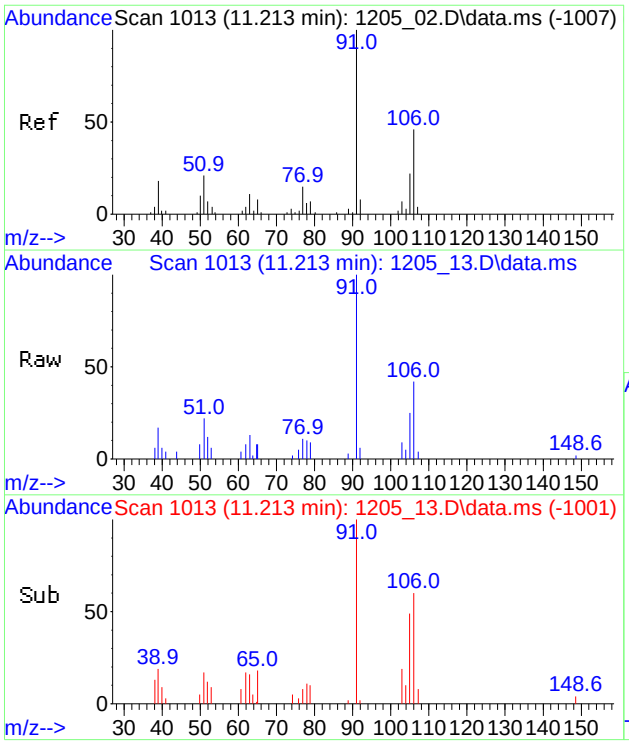


#52
Tetrachloroethene
Conc: 8$ Below Cal
RT: 10.551 min Scan# 924
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:166 Resp: 1523

Ion	Ratio	Lower	Upper
166	100		
164	80.9	61.8	92.8
129	59.2	62.3	93.5#

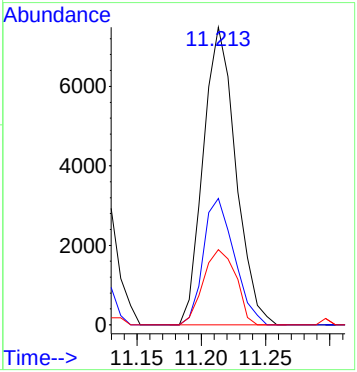


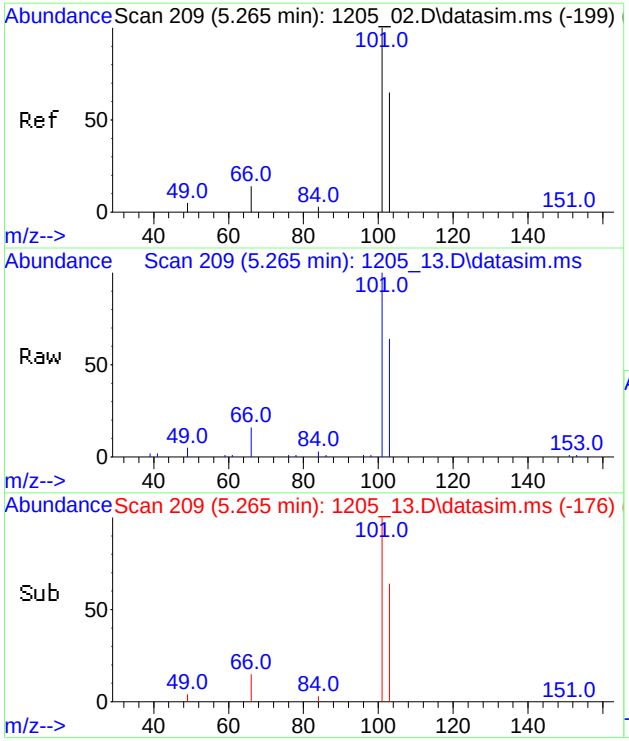


#57
m,p-Xylene
Conc: 8$ 0.334 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 91 Resp: 13229

Ion	Ratio	Lower	Upper
91	100		
106	40.4	36.7	55.1
105	25.3	19.2	28.8

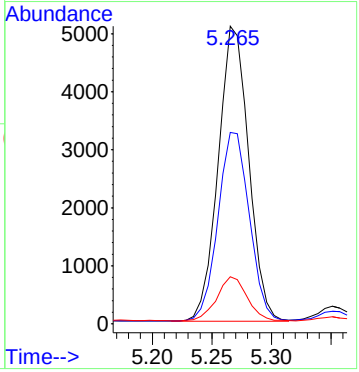


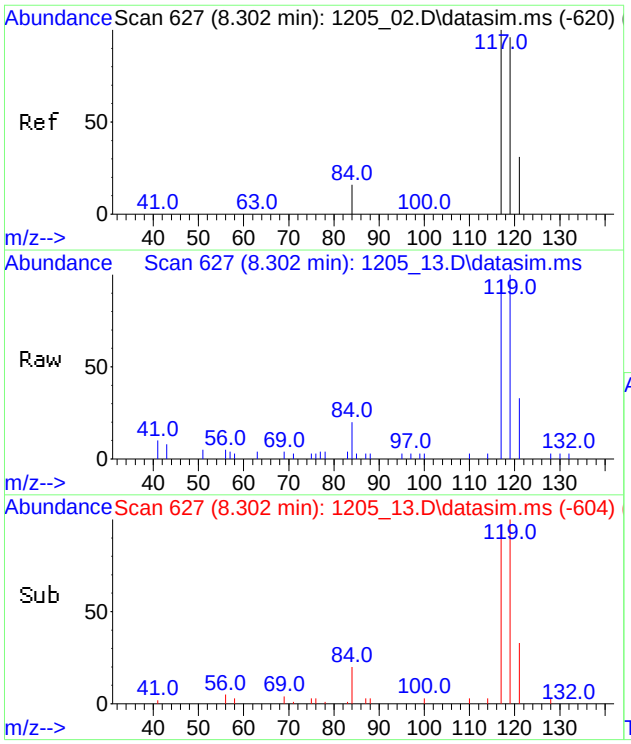


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.198 ppbv
RT: 5.265 min Scan# 209
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:101 Resp: 9059

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.8	77.6
66	14.8	13.2	13.2#

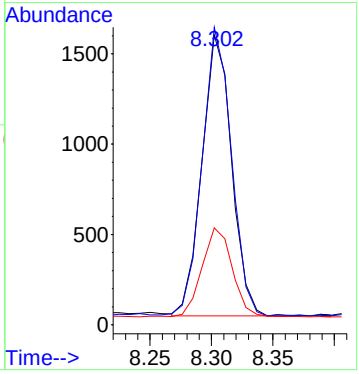


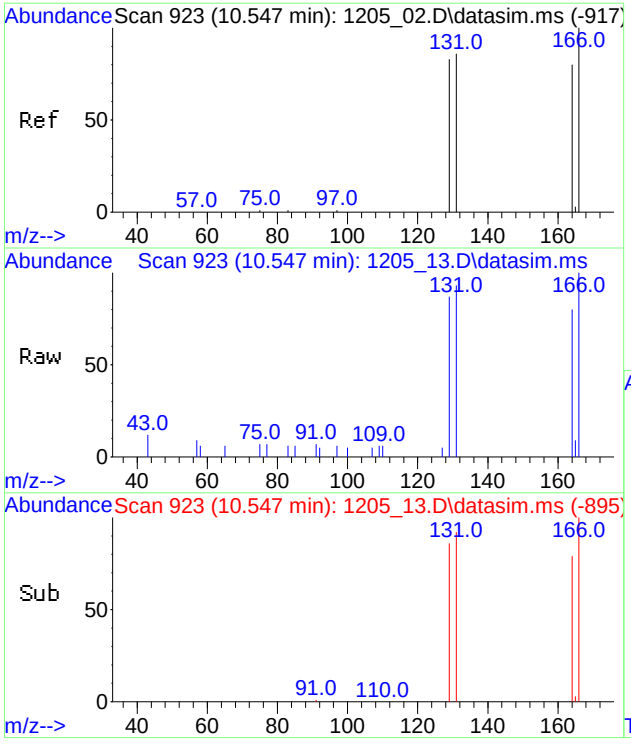


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.073 ppbv
RT: 8.302 min Scan# 627
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:117 Resp: 2608

Ion	Ratio	Lower	Upper
117	100		
119	100.9	77.2	115.8
121	32.5	24.4	36.6

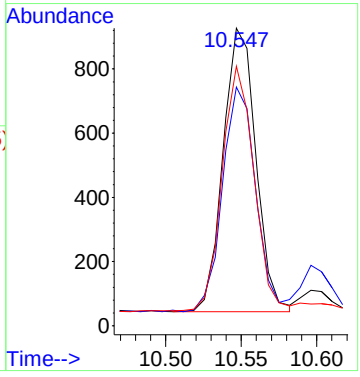


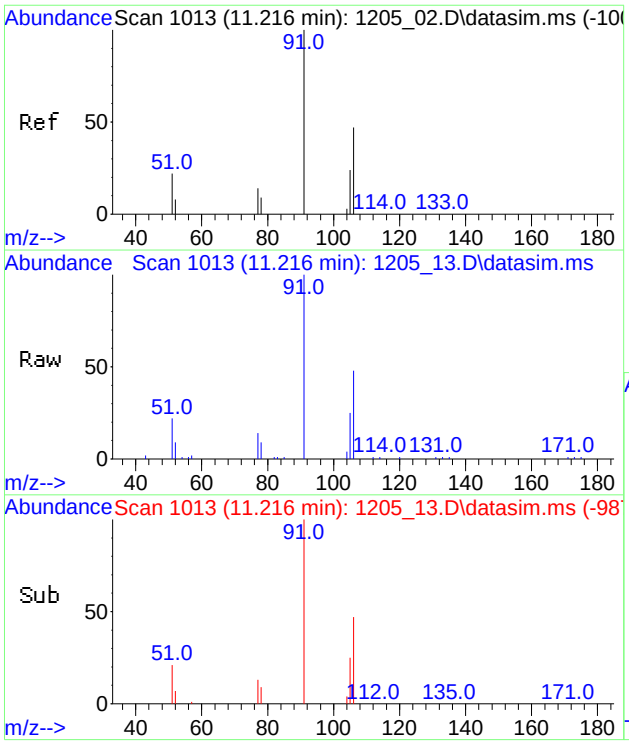


#104
Tetrachloroethene(sim)
Conc: 8$ 0.054 ppbv
RT: 10.547 min Scan# 923
Delta R.T. -0.000 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion:166 Resp: 1330

Ion	Ratio	Lower	Upper
166	100		
164	79.7	58.6	98.6
129	83.4	57.2	97.2

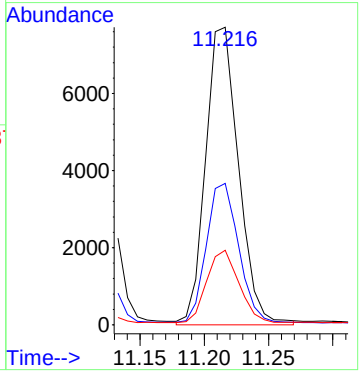




#107
m,p-Xylene(sim)
Conc: 8$ 0.311 ppbv
RT: 11.213 min Scan# 1013
Delta R.T. -0.008 min
Lab File: 1205_13.D
Acq: 5 Dec 2025 6:27 pm

Tgt Ion: 91 Resp: 13229

Ion	Ratio	Lower	Upper
91	100		
106	40.4	41.0	50.1#
105	25.3	19.1	28.7



Response Factor Report Chem39

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_1116.M
Title : VOA Standards for 5 point calibration
Last Update : Mon Nov 17 10:36:36 2025
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=1116_07.D 0.05=1116_08.D 0.10=1116_09.D 0.2 =1116_10.D 0.5 =1116_11.D 1.0 =1116_16.D 2.5 =1116_12.D 5.0 =1116_13.D
10 =1116_17.D 25 =1116_14.D 40 =1116_15.D 0.02=1116_06.D 0.01=1116_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				1.894	1.770	1.819	1.606	1.659	1.603	1.576	1.711			1.705	6.72
3)	Dichlorodifluo...				4.682	4.446	4.509	4.367	4.555	4.436	4.346	4.489			4.479	2.40
4)	Chloromethane				1.878	1.819	2.098	1.861	1.916	1.910	1.822	1.953			1.907	4.72
5)	1,2-Dichlorote...				3.265	3.482	3.742	3.352	3.594	3.533	3.418	3.663			3.506	4.56
6)	Vinyl Chloride				1.570	1.455	1.509	1.349	1.404	1.424	1.377	1.496			1.448	5.12
7)	1,3-Butadiene				1.408	1.397	1.572	1.475	1.475	1.459	1.426	1.538			1.469	4.18
8)	Bromomethane				1.199	1.133	1.163	1.121	1.078	1.090	1.042	1.131			1.119	4.41
9)	Chloroethane				0.621	0.516	0.694	0.499	0.540	0.552	0.535	0.568			0.566	11.24
11)	Ethanol				0.789	0.663	0.776	0.594	0.588	0.606	0.538	0.556			0.639	15.06
12)	Acetone				4.761	3.953	3.694	3.519	3.395	3.357	3.156	3.159			3.624	14.66
13)	Trichlorofluor...				4.379	4.491	4.246	4.385	4.507	4.385	4.267	4.246			4.363	2.37
14)	Isopropylalcohol				3.292	3.176	3.596	3.357	3.610	3.688	3.424	3.417			3.445	5.07
15)	Acrylonitrile				1.247	1.073	1.147	1.089	1.113	1.118	1.081	1.109			1.122	4.97
16)	1,1-Dichloroet...				2.825	2.729	2.678	2.752	2.823	2.760	2.672	2.700			2.742	2.17
17)	Methylene Chlo...				3.225	2.791	2.649	2.565	2.631	2.540	2.413	2.437			2.656	9.77
20)	Carbon Disulfide				2.682	2.554	2.632	2.566	2.617	2.623	2.511	2.586			2.596	2.05
21)	Trichlorotrifl...				2.537	2.773	2.716	2.592	2.672	2.624	2.534	2.599			2.631	3.21
22)	Trans-1,2-Dich...				2.237	2.339	2.358	2.326	2.384	2.362	2.275	2.308			2.324	2.10
23)	1,1-Dichloroet...				2.366	2.596	2.567	2.498	2.580	2.581	2.479	2.504			2.521	3.05
24)	Methyl tert-bu...				2.866	2.970	3.174	3.073	3.130	3.164	3.094	3.153			3.078	3.51
25)	Methyl Ethyl K...				3.432	4.343	4.432	4.222	4.335	4.321	4.146	4.182			4.177	7.55
26)	Cis-1,2-Dichlo...				2.238	2.332	2.290	2.282	2.338	2.303	2.244	2.260			2.286	1.64
27)	Hexane				2.828	2.582	2.514	2.579	2.574	2.557	2.504	2.515			2.582	4.05
28)	Chloroform				2.750	2.738	2.641	2.708	2.708	2.675	2.599	2.618			2.680	2.09
29)	Ethyl acetate				0.432	0.501	0.499	0.476	0.488	0.479	0.478	0.485			0.480	4.52
30)	Tetrahydrofuran				2.122	1.905	2.094	2.020	2.062	2.119	2.027	2.040			2.049	3.42
31)	1,2-Dichloroet...				2.658	2.746	2.719	2.798	2.868	2.814	2.722	2.697			2.753	2.50
32)	1,1,1-Trichlor...				3.265	3.013	3.185	3.266	3.359	3.314	3.246	3.225			3.234	3.21
33)	Benzene				2.830	2.892	3.016	2.802	2.889	2.846	2.731	2.806			2.851	2.95
34)	Carbon Tetrach...				3.279	3.697	3.685	3.702	4.064	3.911	3.916	3.858			3.764	6.29
35)	Cyclohexane				1.520	1.247	1.141	1.059	1.089	1.091	1.040	1.057			1.155	13.95
36)	Int 1,4-Difluorobenzene	----------ISTD----------														
37)	1,2-dichloropr...				0.395	0.450	0.474	0.427	0.442	0.447	0.435	0.432			0.438	5.20
38)	Bromodichlorom...				0.850	0.819	0.838	0.821	0.858	0.852	0.889	0.873			0.850	2.82
39)	Trichloroethene				0.499	0.483	0.494	0.484	0.500	0.507	0.522	0.510			0.500	2.61
40)	2,2,4-trimethy...				2.367	2.289	2.402	2.329	2.430	2.428	2.430	2.338			2.377	2.28
41)	1,4-Dioxane				0.156	0.183	0.201	0.178	0.192	0.201	0.200	0.195			0.188	8.32
43)	Heptane				1.155	1.049	1.155	1.097	1.126	1.132	1.127	1.087			1.116	3.24

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_1116.M
Title : VOA Standards for 5 point calibration

44)	cis-1,3-Dichlo...			0.496	0.556	0.567	0.532	0.576	0.585	0.597	0.600			0.564	6.27
45)	4-Methyl-2-pen...			1.524	1.495	1.515	1.474	1.529	1.516	1.530	1.443			1.503	2.05
46)	trans-1,3-Dich...			0.440	0.455	0.502	0.482	0.498	0.515	0.538	0.533			0.495	7.06
47)	1,1,2-Trichlor...			0.405	0.372	0.398	0.374	0.392	0.395	0.394	0.387			0.390	2.92
48)	Toluene			1.192	1.070	1.144	1.099	1.159	1.159	1.174	1.166			1.145	3.55
49)	Dibromochlorom...			0.950	0.935	0.946	0.968	1.035	1.052	1.076	1.059			1.003	5.82
50)	2-Hexanone(MBK)			1.387	1.318	1.440	1.425	1.452	1.472	1.493	1.423			1.426	3.80
51)	1,2-Dibromoeth...			0.665	0.684	0.711	0.706	0.736	0.739	0.742	0.737			0.715	4.04
52)	Tetrachloroethene			0.688	0.653	0.682	0.666	0.708	0.702	0.721	0.706			0.691	3.32
53)	Int Chlorobenzene-d5	----------ISTD----------													
54)	1,1,1,2-Tetrac...			1.367	1.231	1.318	1.321	1.314	1.269	1.137	1.017			1.247	9.35
55)	Chlorobenzene			1.911	2.003	1.864	1.941	1.885	1.779	1.605	1.427			1.802	10.74
56)	Ethylbenzene		3.184	3.088	3.116	3.240	3.021	3.029	2.903	2.616	2.309			2.945	10.20
57)	m,p-Xylene		2.521	2.591	2.521	2.053	2.509	2.553	2.445	2.199	1.941			2.371	10.19
58)	Bromoform			1.840	1.827	2.007	1.890	1.992	1.935	1.832	1.652			1.872	6.05
59)	Styrene			1.701	1.573	1.841	1.709	1.812	1.752	1.603	1.446			1.680	7.87
60)	1,1,2,2-Tetrac...			1.494	1.549	1.692	1.514	1.547	1.503	1.352	1.244			1.487	9.08
61)	o-Xylene		2.610	2.413	2.573	2.693	2.598	2.642	2.570	2.357	2.120			2.509	7.21
62)	Surr% Bromofluorob...			1.475	1.457	1.419	1.436	1.420	1.375	1.235	1.102			1.365	9.51
65)	Isopropylbenzene			3.844	3.812	3.972	3.771	3.805	3.649	3.326	2.919			3.637	9.55
66)	4-Ethyltoluene			3.828	3.496	3.899	3.783	3.816	3.657	3.606	3.151			3.655	6.65
67)	1,3,5-Trimethy...			3.205	3.110	3.274	3.376	3.435	3.301	2.882	2.576			3.145	9.13
68)	1,2,4-Trimethy...			3.078	3.111	3.389	3.362	3.510	3.431	3.246	2.895			3.253	6.44
70)	Benzyl chloride			2.006	2.108	2.910	2.537	2.657	2.731	2.526	2.297			2.471	12.62
71)	1,3-Dichlorobe...			2.324	2.210	2.518	2.420	2.434	2.350	2.340	2.054			2.331	6.18
72)	1,4-Dichlorobe...			2.400	2.173	2.553	2.349	2.383	2.378	2.115	1.910			2.283	8.91
73)	sec-Butylbenzene			4.747	4.596	4.607	4.715	4.930	4.800	4.513	3.915			4.603	6.67
74)	4-Isopropyltol...			4.721	4.723	4.785	4.749	4.831	4.780	4.474	3.875			4.617	6.90
75)	1,2-Dichlorobe...			2.284	2.057	2.423	2.315	2.304	2.306	2.120	1.879			2.211	8.03
76)	n-Butylbenzene			3.679	3.721	3.975	3.726	3.923	3.896	3.685	3.191			3.724	6.58
77)	1,2,4-Trichlor...			1.480	1.496	1.919	1.847	1.723	1.782	1.707	1.524			1.685	9.92
78)	Naphthalene			4.041	3.363	4.071	3.786	3.669	3.808	3.597	3.151			3.686	8.57
79)	Hexachlorobuta...			1.833	1.721	2.057	1.959	1.870	1.873	1.796	1.602			1.839	7.59
80)	int Bromochloromethane...	----------ISTD----------													
81)	1,2-Dichlorote...	3.693	3.683	2.936	3.218	3.482	3.761	3.291	3.546			3.477	3.805	3.489	7.85
82)	Vinyl Chloride...	1.469	1.591	1.447	1.448	1.450	1.648	1.401	1.470			1.488	1.865	1.528	9.13
83)	Bromomethane(sim)	1.215	1.131	0.961	1.181	1.133	1.169	1.100	1.064			1.377		1.148	9.90
84)	Trichlorofluor...	4.657	4.742	4.527	4.499	4.513	4.447	4.397	4.542			4.559	4.995	4.588	3.78
85)	1,2-Dichloroet...	2.930	2.955	2.877	2.619	2.746	2.733	2.747	2.829			2.733	2.945	2.811	4.02
86)	1,1,1-Trichlor...	3.420	3.337	3.348	3.266	3.338	3.288	3.318	3.448			3.250	3.780	3.379	4.56
87)	Benzene(sim)	3.929	3.447	3.050	2.788	2.893	3.031	2.751						3.127	13.51
88)	Carbon Tetrach...	3.430	3.504	3.442	3.490	3.621	3.638	3.688				3.537	4.033	3.598	5.17
89)	1,1-Dichloroet...	2.965	3.319	2.948	2.784	2.730	2.691	2.702	2.785			2.968	3.189	2.908	7.32
90)	Trichlorotrifl...	2.862	2.799	2.657	2.696	2.636	2.719	2.594	2.689			2.767	3.012	2.743	4.50
91)	Trans-1,2-Dich...	2.541	2.126	2.648	2.205	2.340	2.370	2.284	2.352			2.604		2.385	7.49
92)	1,1-Dichloroet...	2.707	2.715	2.737	2.723	2.684	2.768	2.625	2.717			2.857	3.029	2.756	4.09
93)	Cis-1,2-Dichlo...	2.403	2.751	2.201	2.206	2.333	2.302	2.241	2.307			2.515	2.827	2.408	9.22
94)	Chloroform(sim)	3.347	3.204	2.844	2.843	2.742	2.760	2.662	2.762			3.917		3.009	13.63

Method Path : H:\AIR2025\CHEM39\Methods\
Method File : 39_AIR_1116.M
Title : VOA Standards for 5 point calibration

95)	int	1,4-Difluorobenzen...	----------ISTD----------												
96)		1,2-dichloropr...	0.511	0.478	0.460	0.457	0.462	0.479	0.449	0.468	0.489	0.555	0.481	6.56
97)		Bromodichlorom...	0.868	0.829	0.816	0.850	0.819	0.838	0.821	0.857	0.807	0.884	0.839	2.99
98)		Trichloroethen...	0.563	0.553	0.508	0.521	0.515	0.510	0.497	0.518	0.555	0.611	0.535	6.54
99)		1,4-Dioxane(sim)	0.193	0.170	0.160	0.156	0.183	0.201	0.178				0.177	9.47
100)		cis-1,3-Dichlo...	0.563	0.553	0.543	0.565	0.555	0.598	0.580		0.570	0.567	0.566	2.88
101)		1,1,2-Trichlor...	0.451	0.456	0.482	0.405	0.363	0.398	0.372	0.391	0.408	0.505	0.423	11.24
102)		Dibromochlorom...	0.867	0.903	0.890	0.907	0.912	0.953	0.952		0.859	0.889	0.903	3.65
103)		1,2-Dibromoeth...	0.765	0.591	0.638	0.665	0.684	0.705	0.706	0.736	0.743	0.777	0.701	8.32
104)		Tetrachloroeth...	0.751	0.733	0.697	0.716	0.695	0.693	0.691	0.716 0.708	0.762	0.768	0.721	3.94
105)	int	Chlorobenzene-d5(sim)	----------ISTD----------												
106)		Bromoform(sim)	1.814	1.790	1.781	1.801	1.805	1.946	1.851		1.836		1.828	2.89
107)		m,p-Xylene(sim)			2.520	2.591	2.521	2.565	2.519	2.553			2.545	1.18
108)		1,1,2,2-Tetrac...	1.624	1.647	1.545	1.520	1.524	1.703	1.572	1.581	1.725	1.895	1.634	7.09
109)		Benzyl chlorid...	2.427	2.283	2.318	1.968	2.108	2.917	2.538				2.365	13.03
110)		1,3-Dichlorobe...	2.607	2.614	2.479	2.458	2.432	2.742	2.625	2.659	2.872		2.610	5.43
111)		1,4-Dichlorobe...	2.084	2.758	2.292	2.400	2.173	2.552	2.350				2.373	9.61
112)		sec-Butylbenze...	3.802	3.657	3.451	3.425	3.390	3.665	3.665	3.739	4.421		3.690	8.40
113)		4-Isopropyltol...			4.512	4.744	4.723	4.793	4.751	4.831			4.726	2.36
114)		1,2-Dichlorobe...	2.438	2.484	2.336	2.303	2.243	2.603	2.470	2.485	2.895		2.473	7.79
115)		n-Butylbenzene...		3.678	3.893	3.679	3.721	3.974	3.727				3.779	3.29
116)		1,2,4-Trichlor...	2.423	2.193	1.794	1.682	1.594	2.064	1.944		3.476		2.146	28.06
118)	qf	Hexachlorobuta...	0.041	0.057	0.099	0.191	0.448	1.036	2.497		0.031	0.024	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: AMC-ENG
Lab Code: Phoenix
SDG No.: GCU88084
Instrument ID: CHEM39
Calibration Date From: 11/16/25 18:58
Heated Purge (Y/N): Y
Calibration Date Thru: 11/16/25 23:29
GC Column:
Method File: 39_AIR_1116.M

Laboratory File Ids

RRF1 1116_05.D RRF2 1116_06.D RRF3 1116_07.D RRF4 1116_08.D RRF5 1116_09.D RRF6 1116_10.D
RRF7 1116_11.D RRF8 1116_16.D RRF9 1116_12.D RRF10 1116_13.D RRF11 1116_17.D RRF12 1116_14.D
RRF13 1116_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						1.894	1.770	1.819	1.606	1.659	1.603	1.576	1.711	1.705	6.72
Dichlorodifluoromethane						4.682	4.446	4.509	4.367	4.555	4.436	4.346	4.489	4.479	2.40
Chloromethane						1.878	1.819	2.098	1.861	1.916	1.910	1.822	1.953	1.907	4.72
1,2-Dichlorotetrafluoroethane						3.265	3.482	3.742	3.352	3.594	3.533	3.418	3.663	3.506	4.56
Vinyl Chloride						1.570	1.455	1.509	1.349	1.404	1.424	1.377	1.496	1.448	5.12
1,3-Butadiene						1.408	1.397	1.572	1.475	1.475	1.459	1.426	1.538	1.469	4.18
Bromomethane						1.199	1.133	1.163	1.121	1.078	1.090	1.042	1.131	1.119	4.41
Chloroethane						0.621	0.516	0.694	0.499	0.540	0.552	0.535	0.568	0.566	11.24
Ethanol						0.789	0.663	0.776	0.594	0.588	0.606	0.538	0.556	0.639	15.06
Acetone						4.761	3.953	3.694	3.519	3.395	3.357	3.156	3.159	3.624	14.66
Trichlorofluoromethane						4.379	4.491	4.246	4.385	4.507	4.385	4.267	4.246	4.363	2.37
Isopropylalcohol						3.292	3.176	3.596	3.357	3.610	3.688	3.424	3.417	3.445	5.07
Acrylonitrile						1.247	1.073	1.147	1.089	1.113	1.118	1.081	1.109	1.122	4.97
1,1-Dichloroethene						2.825	2.729	2.678	2.752	2.823	2.760	2.672	2.700	2.742	2.17
Methylene Chloride						3.225	2.791	2.649	2.565	2.631	2.540	2.413	2.437	2.656	9.77
Carbon Disulfide						2.682	2.554	2.632	2.566	2.617	2.623	2.511	2.586	2.596	2.05
Trichlorotrifluoroethane						2.537	2.773	2.716	2.592	2.672	2.624	2.534	2.599	2.631	3.21
Trans-1,2-Dichloroethene						2.237	2.339	2.358	2.326	2.384	2.362	2.275	2.308	2.324	2.10
1,1-Dichloroethane						2.366	2.596	2.567	2.498	2.580	2.581	2.479	2.504	2.521	3.05
Methyl tert-butyl ether(MTBE)						2.866	2.970	3.174	3.073	3.130	3.164	3.094	3.153	3.078	3.51
Methyl Ethyl Ketone						3.432	4.343	4.432	4.222	4.335	4.321	4.146	4.182	4.177	7.55
Cis-1,2-Dichloroethene						2.238	2.332	2.290	2.282	2.338	2.303	2.244	2.260	2.286	1.64
Hexane						2.828	2.582	2.514	2.579	2.574	2.557	2.504	2.515	2.582	4.05
Chloroform						2.750	2.738	2.641	2.708	2.708	2.675	2.599	2.618	2.680	2.09

(#) 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: AMC-ENG

Lab Code: Phoenix | SDG No.: GCU88084

Instrument ID: CHEM39 | Calibration Date From: 11/16/25 18:58

Heated Purge (Y/N): Y | Calibration Date Thru: 11/16/25 23:29

GC Column: | Method File: 39_AIR_1116.M

Laboratory File Ids

RRF1 1116_05.D RRF2 1116_06.D RRF3 1116_07.D RRF4 1116_08.D RRF5 1116_09.D RRF6 1116_10.D
RRF7 1116_11.D RRF8 1116_16.D RRF9 1116_12.D RRF10 1116_13.D RRF11 1116_17.D RRF12 1116_14.D
RRF13 1116_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						0.432	0.501	0.499	0.476	0.488	0.479	0.478	0.485	0.480	4.52
Tetrahydrofuran						2.122	1.905	2.094	2.020	2.062	2.119	2.027	2.040	2.049	3.42
1,2-Dichloroethane						2.658	2.746	2.719	2.798	2.868	2.814	2.722	2.697	2.753	2.50
1,1,1-Trichloroethane						3.265	3.013	3.185	3.266	3.359	3.314	3.246	3.225	3.234	3.21
Benzene						2.830	2.892	3.016	2.802	2.889	2.846	2.731	2.806	2.851	2.95
Carbon Tetrachloride						3.279	3.697	3.685	3.702	4.064	3.911	3.916	3.858	3.764	6.29
Cyclohexane						1.520	1.247	1.141	1.059	1.089	1.091	1.040	1.057	1.155	13.95
1,2-dichloropropane						0.395	0.450	0.474	0.427	0.442	0.447	0.435	0.432	0.438	5.20
Bromodichloromethane						0.850	0.819	0.838	0.821	0.858	0.852	0.889	0.873	0.850	2.82
Trichloroethene						0.499	0.483	0.494	0.484	0.500	0.507	0.522	0.510	0.500	2.61
2,2,4-trimethylpentane						2.367	2.289	2.402	2.329	2.430	2.428	2.430	2.338	2.377	2.28
1,4-Dioxane						0.156	0.183	0.201	0.178	0.192	0.201	0.200	0.195	0.188	8.32
Heptane						1.155	1.049	1.155	1.097	1.126	1.132	1.127	1.087	1.116	3.24
cis-1,3-Dichloropropene						0.496	0.556	0.567	0.532	0.576	0.585	0.597	0.600	0.564	6.27
4-Methyl-2-pentanone(MIBK)						1.524	1.495	1.515	1.474	1.529	1.516	1.530	1.443	1.503	2.05
trans-1,3-Dichloropropene						0.440	0.455	0.502	0.482	0.498	0.515	0.538	0.533	0.495	7.06
1,1,2-Trichloroethane						0.405	0.372	0.398	0.374	0.392	0.395	0.394	0.387	0.390	2.92
Toluene						1.192	1.070	1.144	1.099	1.159	1.159	1.174	1.166	1.145	3.55
Dibromochloromethane						0.950	0.935	0.946	0.968	1.035	1.052	1.076	1.059	1.003	5.82
2-Hexanone(MBK)						1.387	1.318	1.440	1.425	1.452	1.472	1.493	1.423	1.426	3.80
1,2-Dibromoethane(EDB)						0.665	0.684	0.711	0.706	0.736	0.739	0.742	0.737	0.715	4.04
Tetrachloroethene						0.688	0.653	0.682	0.666	0.708	0.702	0.721	0.706	0.691	3.32
1,1,1,2-Tetrachloroethane						1.367	1.231	1.318	1.321	1.314	1.269	1.137	1.017	1.247	9.35
Chlorobenzene						1.911	2.003	1.864	1.941	1.885	1.779	1.605	1.427	1.802	10.74

(#) 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: AMC-ENG

Lab Code: Phoenix | SDG No.: GCU88084

Instrument ID: CHEM39 | Calibration Date From: 11/16/25 18:58

Heated Purge (Y/N): Y | Calibration Date Thru: 11/16/25 23:29

GC Column: | Method File: 39_AIR_1116.M

Laboratory File Ids

RRF1 1116_05.D RRF2 1116_06.D RRF3 1116_07.D RRF4 1116_08.D RRF5 1116_09.D RRF6 1116_10.D
RRF7 1116_11.D RRF8 1116_16.D RRF9 1116_12.D RRF10 1116_13.D RRF11 1116_17.D RRF12 1116_14.D
RRF13 1116_15.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25	RRF13 40	$\overline{RRF}$	% RSD
Ethylbenzene					3.184	3.088	3.116	3.240	3.021	3.029	2.903	2.616	2.309	2.945	10.20
m,p-Xylene					2.521	2.591	2.521	2.053	2.509	2.553	2.445	2.199	1.941	2.371	10.19
Bromoform						1.840	1.827	2.007	1.890	1.992	1.935	1.832	1.652	1.872	6.05
Styrene						1.701	1.573	1.841	1.709	1.812	1.752	1.603	1.446	1.680	7.87
1,1,2,2-Tetrachloroethane						1.494	1.549	1.692	1.514	1.547	1.503	1.352	1.244	1.487	9.08
o-Xylene					2.610	2.413	2.573	2.693	2.598	2.642	2.570	2.357	2.120	2.509	7.21
Isopropylbenzene						3.844	3.812	3.972	3.771	3.805	3.649	3.326	2.919	3.637	9.55
4-Ethyltoluene						3.828	3.496	3.899	3.783	3.816	3.657	3.606	3.151	3.655	6.65
1,3,5-Trimethylbenzene						3.205	3.110	3.274	3.376	3.435	3.301	2.882	2.576	3.145	9.13
1,2,4-Trimethylbenzene						3.078	3.111	3.389	3.362	3.510	3.431	3.246	2.895	3.253	6.44
Benzyl chloride						2.006	2.108	2.910	2.537	2.657	2.731	2.526	2.297	2.471	12.62
1,3-Dichlorobenzene						2.324	2.210	2.518	2.420	2.434	2.350	2.340	2.054	2.331	6.18
1,4-Dichlorobenzene						2.400	2.173	2.553	2.349	2.383	2.378	2.115	1.910	2.283	8.91
sec-Butylbenzene						4.747	4.596	4.607	4.715	4.930	4.800	4.513	3.915	4.603	6.67
4-Isopropyltoluene						4.721	4.723	4.785	4.749	4.831	4.780	4.474	3.875	4.617	6.90
1,2-Dichlorobenzene						2.284	2.057	2.423	2.315	2.304	2.306	2.120	1.879	2.211	8.03
n-Butylbenzene						3.679	3.721	3.975	3.726	3.923	3.896	3.685	3.191	3.724	6.58
1,2,4-Trichlorobenzene						1.480	1.496	1.919	1.847	1.723	1.782	1.707	1.524	1.685	9.92
Naphthalene						4.041	3.363	4.071	3.786	3.669	3.808	3.597	3.151	3.686	8.57
Hexachlorobutadiene						1.833	1.721	2.057	1.959	1.870	1.873	1.796	1.602	1.839	7.59
1,2-Dichlorotetrafluoroethane(sim)	3.805	3.477	3.693	3.683	2.936	3.218	3.482	3.761	3.291	3.546				3.489	7.85
Vinyl Chloride(sim)	1.865	1.488	1.469	1.591	1.447	1.448	1.450	1.648	1.401	1.470				1.528	9.13
Bromomethane(sim)		1.377	1.215	1.131	0.961	1.181	1.133	1.169	1.100	1.064				1.148	9.90
Trichlorofluoromethane(sim)	4.995	4.559	4.657	4.742	4.527	4.499	4.513	4.447	4.397	4.542				4.588	3.78

(#) 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: AMC-ENG

Lab Code: Phoenix | SDG No.: GCU88084

Instrument ID: CHEM39 | Calibration Date From: 11/16/25 18:58

Heated Purge (Y/N): Y | Calibration Date Thru: 11/16/25 23:29

GC Column: | Method File: 39_AIR_1116.M

Laboratory File Ids

RRF1 1116_05.D RRF2 1116_06.D RRF3 1116_07.D RRF4 1116_08.D RRF5 1116_09.D RRF6 1116_10.D
RRF7 1116_11.D RRF8 1116_16.D RRF9 1116_12.D RRF10 1116_13.D RRF11 1116_17.D RRF12 1116_14.D
RRF13 1116_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)	2.945	2.733	2.930	2.955	2.877	2.619	2.746	2.733	2.747	2.829				2.811	4.02
1,1,1-Trichloroethane(sim)	3.78	3.250	3.420	3.337	3.348	3.266	3.338	3.288	3.318	3.448				3.379	4.56
Benzene(sim)			3.929	3.447	3.050	2.788	2.893	3.031	2.751					3.127	13.51
Carbon Tetrachloride(sim)	4.033	3.537	3.430	3.504	3.442	3.490	3.621	3.638	3.688					3.598	5.17
1,1-Dichloroethene(sim)	3.189	2.968	2.965	3.319	2.948	2.784	2.730	2.691	2.702	2.785				2.908	7.32
Trichlorotrifluoroethane(sim)	3.012	2.767	2.862	2.799	2.657	2.696	2.636	2.719	2.594	2.689				2.743	4.50
Trans-1,2-Dichloroethene(sim)		2.604	2.541	2.126	2.648	2.205	2.340	2.370	2.284	2.352				2.385	7.49
1,1-Dichloroethane(sim)	3.029	2.857	2.707	2.715	2.737	2.723	2.684	2.768	2.625	2.717				2.756	4.09
Cis-1,2-Dichloroethene(sim)	2.827	2.515	2.403	2.751	2.201	2.206	2.333	2.302	2.241	2.307				2.408	9.22
Chloroform(sim)		3.917	3.347	3.204	2.844	2.843	2.742	2.760	2.662	2.762				3.009	13.63
1,2-dichloropropane(sim)	0.555	0.489	0.511	0.478	0.460	0.457	0.462	0.479	0.449	0.468				0.481	6.56
Bromodichloromethane(sim)	0.884	0.807	0.868	0.829	0.816	0.850	0.819	0.838	0.821	0.857				0.839	2.99
Trichloroethene(sim)	0.611	0.555	0.563	0.553	0.508	0.521	0.515	0.510	0.497	0.518				0.535	6.54
1,4-Dioxane(sim)			0.193	0.170	0.160	0.156	0.183	0.201	0.178					0.177	9.47
cis-1,3-Dichloropropene(sim)	0.567	0.570	0.563	0.553	0.543	0.565	0.555	0.598	0.580					0.566	2.88
1,1,2-Trichloroethane(sim)	0.505	0.408	0.451	0.456	0.482	0.405	0.363	0.398	0.372	0.391				0.423	11.24
Dibromochloromethane(sim)	0.889	0.859	0.867	0.903	0.890	0.907	0.912	0.953	0.952					0.903	3.65
1,2-Dibromoethane(EDB)(sim)	0.777	0.743	0.765	0.591	0.638	0.665	0.684	0.705	0.706	0.736				0.701	8.32
Tetrachloroethene(sim)	0.768	0.762	0.751	0.733	0.697	0.716	0.695	0.693	0.691	0.716	0.708			0.721	3.94
Bromoform(sim)		1.836	1.814	1.790	1.781	1.801	1.805	1.946	1.851					1.828	2.89
m,p-Xylene(sim)					2.520	2.591	2.521	2.565	2.519	2.553				2.545	1.18
1,1,2,2-Tetrachloroethane(sim)	1.895	1.725	1.624	1.647	1.545	1.520	1.524	1.703	1.572	1.581				1.634	7.09
Benzyl chloride(sim)			2.427	2.283	2.318	1.968	2.108	2.917	2.538					2.365	13.03
1,3-Dichlorobenzene(sim)		2.872	2.607	2.614	2.479	2.458	2.432	2.742	2.625	2.659				2.610	5.43

(#) 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: AMC-ENG

Lab Code: Phoenix | SDG No.: GCU88084

Instrument ID: CHEM39 | Calibration Date From: 11/16/25 18:58

Heated Purge (Y/N): Y | Calibration Date Thru: 11/16/25 23:29

GC Column: | Method File: 39_AIR_1116.M

Laboratory File Ids

RRF1 1116_05.D RRF2 1116_06.D RRF3 1116_07.D RRF4 1116_08.D RRF5 1116_09.D RRF6 1116_10.D
RRF7 1116_11.D RRF8 1116_16.D RRF9 1116_12.D RRF10 1116_13.D RRF11 1116_17.D RRF12 1116_14.D
RRF13 1116_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)			2.084	2.758	2.292	2.400	2.173	2.552	2.350					2.373	9.61
sec-Butylbenzene(sim)		4.421	3.802	3.657	3.451	3.425	3.390	3.665	3.665	3.739				3.690	8.40
4-Isopropyltoluene(sim)					4.512	4.744	4.723	4.793	4.751	4.831				4.726	2.36
1,2-Dichlorobenzene(sim)		2.895	2.438	2.484	2.336	2.303	2.243	2.603	2.470	2.485				2.473	7.79
n-Butylbenzene(sim)				3.678	3.893	3.679	3.721	3.974	3.727					3.779	3.29
1,2,4-Trichlorobenzene(sim)		3.476	2.423	2.193	1.794	1.682	1.594	2.064	1.944					2.146	28.06
Hexachlorobutadiene(sim) q	0.024	0.031	0.041	0.057	0.099	0.191	0.448	1.036	2.497					Coef R2	1.00
% Bromofluorobenzene						1.475	1.457	1.419	1.436	1.420	1.375	1.235	1.102	1.365	9.51

(#) 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\11NOV\16A\
Data File : 1116_05.D
Acq On : 16 Nov 2025 3:49 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 17 10:32:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	116259	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	414417	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	203575	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	118515	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	414153	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	203743	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	308956	11.538	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.40%				
Target Compounds							Qvalue
2) Propylene	3.777	41	605	0.031	ppbv#		37
3) Dichlorodifluoromethane	3.842	85	562	0.011	ppbv		98
4) Chloromethane	4.004	50	465	0.021	ppbv#		44
5) 1,2-Dichlorotetrafluor...	4.093	85	367	0.009	ppbv#		22
6) Vinyl Chloride	4.191	62	113	0.007	ppbv#		44
7) 1,3-Butadiene	4.304	54	311	0.018	ppbv#		36
8) Bromomethane	0.000	94	0	0.000	ppbv		0
9) Chloroethane	4.815	64	76	0.012	ppbv#		1
11) Ethanol	4.759	45	608	0.082	ppbv#		56
12) Acetone	5.134	43	7435	0.176	ppbv		97
13) Trichlorofluoromethane	5.262	101	558	0.011	ppbv#		50
14) Isopropylalcohol	5.305	45	872	0.022	ppbv#		62
15) Acrylonitrile	0.000	53	0	0.000	ppbv		0
16) 1,1-Dichloroethene	5.713	61	155	0.005	ppbv#		38
17) Methylene Chloride	5.803	49	1405	0.045	ppbv		92
20) Carbon Disulfide	6.029	76	245	0.008	ppbv#		75
21) Trichlorotrifluoroethane	5.999	101	62	0.002	ppbv#		1
22) Trans-1,2-Dichloroethene	6.438	61	77	0.003	ppbv#		34
23) 1,1-Dichloroethane	6.568	63	110	0.004	ppbv#		50
24) Methyl tert-butyl ethe...	6.601	73	235	0.007	ppbv#		74
25) Methyl Ethyl Ketone	6.779	43	76	0.002	ppbv#		69
26) Cis-1,2-Dichloroethene	7.103	61	276	0.010	ppbv#		30
27) Hexane	7.233	57	145	0.005	ppbv#		30
28) Chloroform	7.290	83	429	0.014	ppbv#		27
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.549	42	115	0.005	ppbv#		53
31) 1,2-Dichloroethane	7.744	62	74	0.002	ppbv#		42
32) 1,1,1-Trichloroethane	7.914	97	538	0.014	ppbv#		45
33) Benzene	8.221	78	681	0.021	ppbv#		63
34) Carbon Tetrachloride	8.299	117	455	0.010	ppbv		83
35) Cyclohexane	8.394	84	1221	0.091	ppbv#		1
37) 1,2-dichloropropane	0.000	63	0	0.000	ppbv		0
38) Bromodichloromethane	8.810	83	457	0.013	ppbv#		26
39) Trichloroethene	8.844	130	79	0.004	ppbv#		1
40) 2,2,4-trimethylpentane	8.844	57	851	0.009	ppbv#		85
41) 1,4-Dioxane	8.836	88	79	0.010	ppbv#		1
43) Heptane	8.983	43	712	0.015	ppbv#		62
44) cis-1,3-Dichloropropene	9.347	75	134	0.006	ppbv#		49
45) 4-Methyl-2-pentanone(M...	9.347	43	546	0.009	ppbv#		87
46) trans-1,3-Dichloropropene	0.000	75	0	0.000	ppbv		0
47) 1,1,2-Trichloroethane	9.741	97	196	0.012	ppbv#		71
48) Toluene	9.910	91	869	0.018	ppbv#		83

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_05.D
Acq On : 16 Nov 2025 3:49 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 17 10:32:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	123	0.003	ppbv#	70
50) 2-Hexanone(MBK)	10.051	43	148	0.003	ppbv#	46
51) 1,2-Dibromoethane(EDB)	10.312	107	80	0.003	ppbv#	1
52) Tetrachloroethene	10.551	166	277	0.010	ppbv#	83
54) 1,1,1,2-Tetrachloroethane	10.918	131	532	0.021	ppbv#	73
55) Chlorobenzene	10.933	112	608	0.017	ppbv#	1
56) Ethylbenzene	11.122	91	979	0.016	ppbv	80
57) m,p-Xylene	11.221	91	1386	0.029	ppbv#	80
58) Bromoform	11.304	173	306	0.008	ppbv#	58
59) Styrene	11.426	104	528	0.015	ppbv#	79
60) 1,1,2,2-Tetrachloroethane	11.486	83	237	0.008	ppbv#	20
61) o-Xylene	11.486	91	785	0.015	ppbv#	74
65) Isopropylbenzene	11.805	105	1166	0.016	ppbv#	83
66) 4-Ethyltoluene	12.184	105	1204	0.016	ppbv#	81
67) 1,3,5-Trimethylbenzene	12.222	105	1081	0.017	ppbv#	94
68) 1,2,4-Trimethylbenzene	12.473	105	1092	0.016	ppbv#	87
70) Benzyl chloride	12.579	91	379	0.008	ppbv#	80
71) 1,3-Dichlorobenzene	12.594	146	631	0.013	ppbv#	31
72) 1,4-Dichlorobenzene	12.640	146	798	0.017	ppbv#	75
73) sec-Butylbenzene	12.640	105	1180	0.013	ppbv#	55
74) 4-Isopropyltoluene	12.731	119	1930	0.021	ppbv	94
75) 1,2-Dichlorobenzene	12.852	146	737	0.016	ppbv#	56
76) n-Butylbenzene	12.997	91	1734	0.023	ppbv#	90
77) 1,2,4-Trichlorobenzene	14.022	180	1145	0.033	ppbv#	95
78) Naphthalene	14.121	128	5763	0.077	ppbv#	94
79) Hexachlorobutadiene	14.364	225	891	0.024	ppbv	90
81] 1,2-Dichlorotetrafluor...	4.088	85	451m	0.011	ppbv	22
82] Vinyl Chloride(sim)	4.194	62	221	0.012	ppbv	97
83] Bromomethane(sim)	4.542	94	165m	0.012	ppbv	0
84] Trichlorofluoromethane...	5.265	101	592	0.011	ppbv#	96
85] 1,2-Dichloroethane(sim)	7.763	62	349m	0.010	ppbv	42
86] 1,1,1-Trichloroethane(...	7.925	97	448	0.011	ppbv#	94
87] Benzene(sim)	8.216	78	708m	0.019	ppbv	63
88] Carbon Tetrachloride(sim)	8.302	117	478	0.011	ppbv	97
89] 1,1-Dichloroethene(sim)	5.722	61	378m	0.011	ppbv	38
90] Trichlorotrifluoroetha...	5.978	101	357	0.011	ppbv#	97
91] Trans-1,2-Dichloroethe...	6.433	61	369m	0.013	ppbv	34
92] 1,1-Dichloroethane(sim)	6.563	63	359	0.011	ppbv#	85
93] Cis-1,2-Dichloroethene...	7.106	61	335m	0.012	ppbv	30
94] Chloroform(sim)	7.293	83	603	0.017	ppbv#	76
96] 1,2-dichloropropane(sim)	8.700	63	230	0.012	ppbv#	78
97] Bromodichloromethane(sim)	8.821	83	366m	0.011	ppbv	27
98] Trichloroethene(sim)	8.847	130	253	0.011	ppbv	87
99] 1,4-Dioxane(sim)	8.838	88	78m	0.011	ppbv	1
100] cis-1,3-Dichloropropen...	9.343	75	235	0.010	ppbv#	74
101] 1,1,2-Trichloroethane(...	9.744	97	209m	0.012	ppbv	72
102] Dibromochloromethane(sim)	10.160	129	368	0.010	ppbv	95
103] 1,2-Dibromoethane(EDB)...	10.300	107	322m	0.011	ppbv	1
104] Tetrachloroethene(sim)	10.547	166	318	0.011	ppbv	96
106] Bromoform(sim)	11.300	173	412	0.011	ppbv	96
107] m,p-Xylene(sim)	11.224	91	1349m	0.026	ppbv	81
108] 1,1,2,2-Tetrachloroeth...	11.489	83	386	0.012	ppbv#	88
109] Benzyl chloride(sim)	12.574	91	468m	0.010	ppbv	80
110] 1,3-Dichlorobenzene(sim)	12.590	146	706	0.013	ppbv	94
111] 1,4-Dichlorobenzene(sim)	12.635	146	685m	0.014	ppbv	75

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_05.D
Acq On : 16 Nov 2025 3:49 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 17 10:32:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

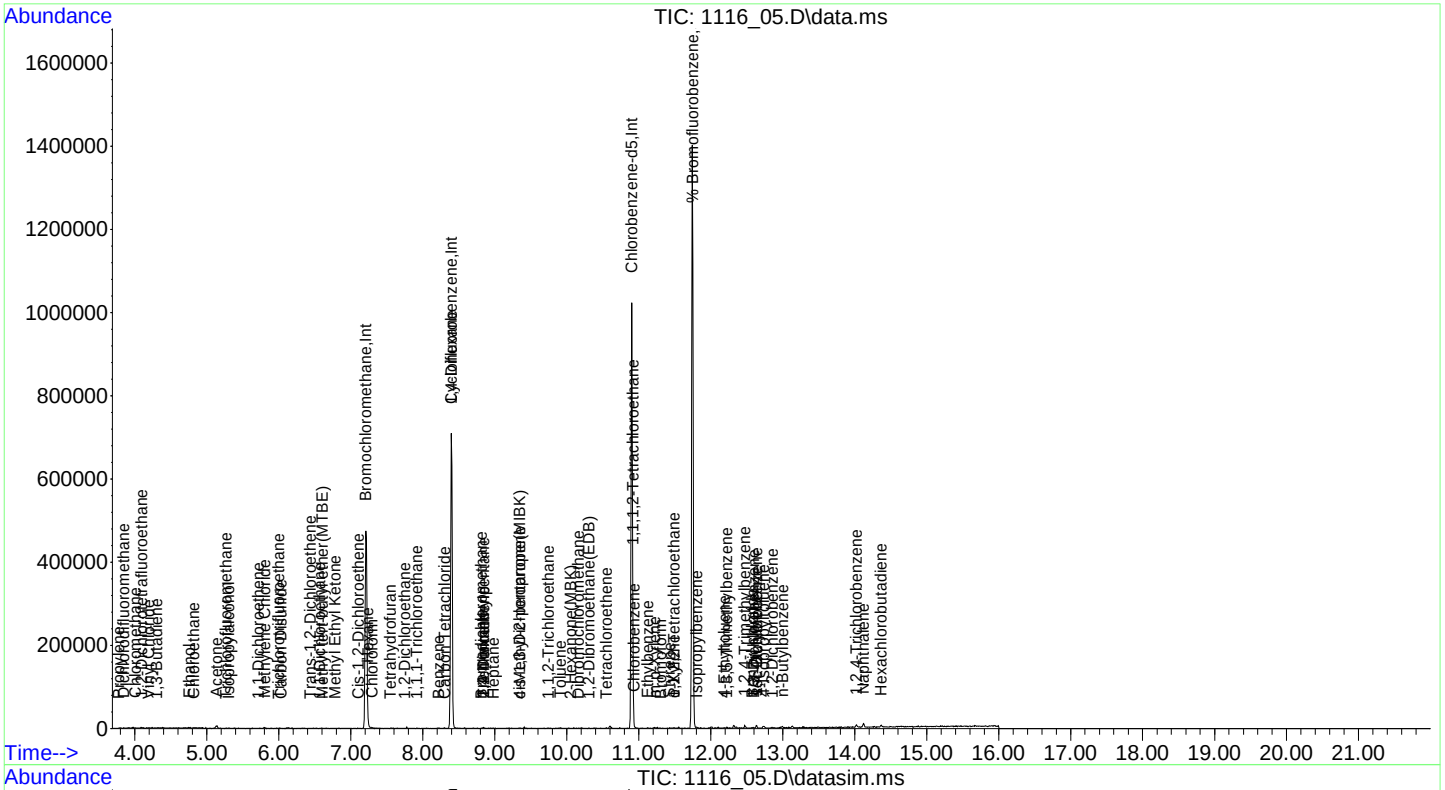
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	1242	0.017	ppbv	95
113] 4-Isopropyltoluene(sim)	12.731	119	1930	0.020	ppbv	94
114] 1,2-Dichlorobenzene(sim)	12.855	146	729	0.014	ppbv	98
115] n-Butylbenzene(sim)	12.992	91	1478m	0.019	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	1183	0.027	ppbv	95
118] Hexachlorobutadiene(sim)	14.367	225	952	0.030	ppbv	96

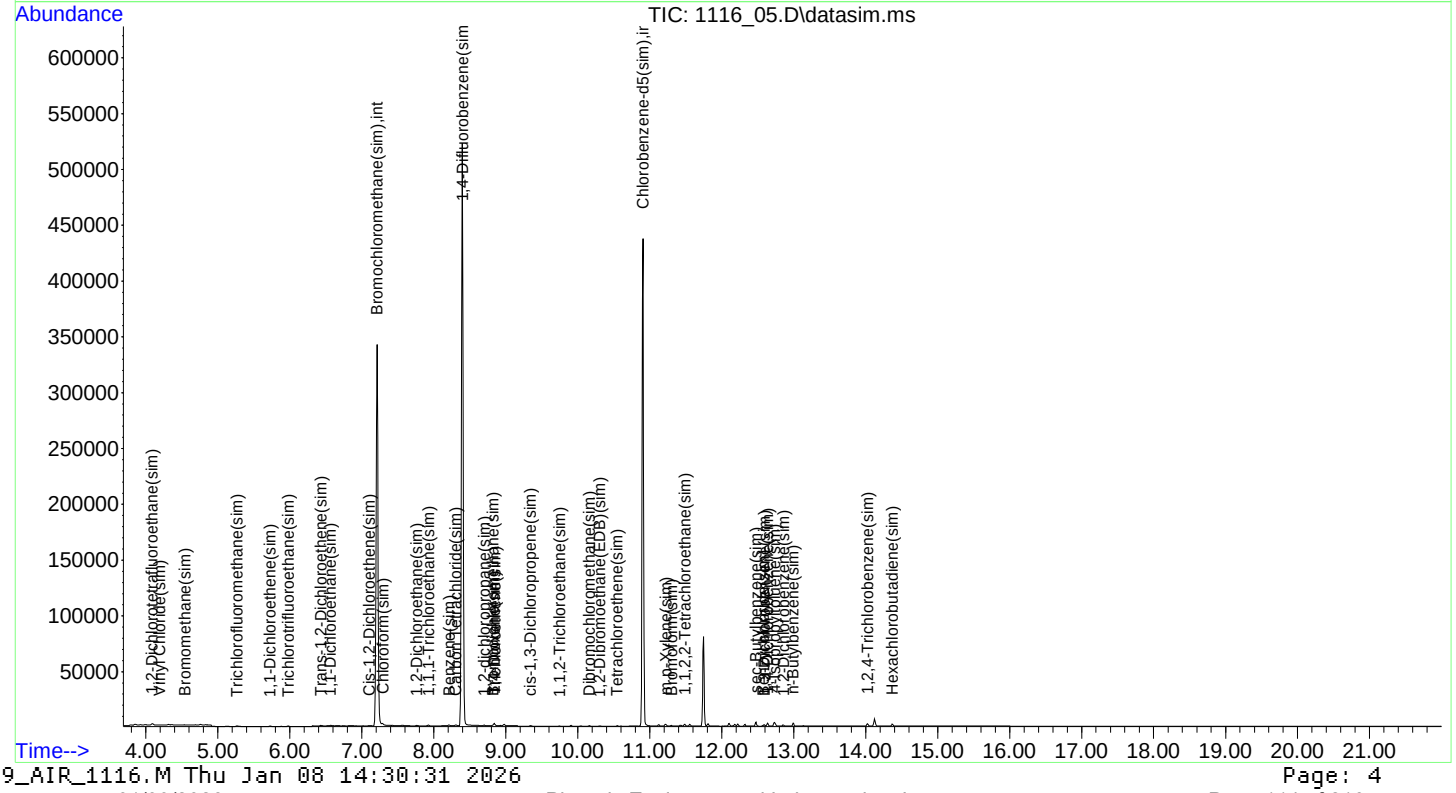
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_05.D
Acq On : 16 Nov 2025 3:49 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01ppbv
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 17 10:32:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_06.D
Acq On : 16 Nov 2025 4:26 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 17 10:33:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	116435	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	397029	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	198820	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	116918	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	397029	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	198820	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	295834	11.312	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.10%				
Target Compounds							Qvalue
2) Propylene	3.785	41	598	0.030	ppbv	#	74
3) Dichlorodifluoromethane	3.858	85	1250	0.024	ppbv	#	87
4) Chloromethane	4.004	50	975	0.044	ppbv	#	61
5) 1,2-Dichlorotetrafluor...	4.094	85	851	0.021	ppbv	#	60
6) Vinyl Chloride	4.191	62	364	0.022	ppbv	#	44
7) 1,3-Butadiene	4.305	54	153	0.009	ppbv	#	1
8) Bromomethane	4.548	94	125	0.010	ppbv	#	24
9) Chloroethane	4.694	64	95	0.014	ppbv	#	37
11) Ethanol	4.775	45	942	0.127	ppbv	#	63
12) Acetone	5.134	43	7875	0.187	ppbv	#	89
13) Trichlorofluoromethane	5.263	101	986	0.019	ppbv	#	91
14) Isopropylalcohol	5.305	45	1972	0.049	ppbv	#	97
15) Acrylonitrile	5.471	53	244	0.019	ppbv	#	59
16) 1,1-Dichloroethene	5.725	61	636	0.020	ppbv	#	38
17) Methylene Chloride	5.803	49	1771	0.057	ppbv	#	72
20) Carbon Disulfide	6.029	76	591	0.020	ppbv	#	75
21) Trichlorotrifluoroethane	5.975	101	714	0.023	ppbv	#	59
22) Trans-1,2-Dichloroethene	6.447	61	433	0.016	ppbv	#	73
23) 1,1-Dichloroethane	6.568	63	611	0.021	ppbv	#	50
24) Methyl tert-butyl ethe...	6.609	73	805	0.022	ppbv	#	72
25) Methyl Ethyl Ketone	6.820	43	1356	0.028	ppbv	#	69
26) Cis-1,2-Dichloroethene	7.104	61	540	0.020	ppbv	#	72
27) Hexane	7.225	57	757	0.025	ppbv	#	85
28) Chloroform	7.282	83	589	0.019	ppbv	#	32
29) Ethyl acetate	0.000	61	0	0.000	ppbv		0
30) Tetrahydrofuran	7.566	42	475	0.020	ppbv	#	53
31) 1,2-Dichloroethane	7.760	62	434	0.014	ppbv	#	71
32) 1,1,1-Trichloroethane	7.931	97	679	0.018	ppbv	#	59
33) Benzene	8.222	78	763	0.023	ppbv	#	46
34) Carbon Tetrachloride	8.299	117	836	0.019	ppbv	#	71
35) Cyclohexane	8.395	84	994	0.074	ppbv	#	1
37) 1,2-dichloropropane	8.706	63	506	0.029	ppbv	#	62
38) Bromodichloromethane	8.819	83	715	0.021	ppbv		84
39) Trichloroethene	8.844	130	339	0.017	ppbv	#	29
40) 2,2,4-trimethylpentane	8.836	57	2189	0.023	ppbv		94
41) 1,4-Dioxane	8.836	88	141	0.019	ppbv	#	35
43) Heptane	8.974	43	1118	0.025	ppbv	#	78
44) cis-1,3-Dichloropropene	9.326	75	279	0.012	ppbv	#	79
45) 4-Methyl-2-pentanone(M...	9.348	43	1233	0.021	ppbv	#	86
46) trans-1,3-Dichloropropene	9.650	75	318	0.016	ppbv	#	81
47) 1,1,2-Trichloroethane	9.742	97	95	0.006	ppbv	#	17
48) Toluene	9.904	91	937	0.021	ppbv	#	75

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_06.D
Acq On : 16 Nov 2025 4:26 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 17 10:33:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	628	0.016	ppbv#	90
50)	2-Hexanone(MBK)	10.030	43	1086	0.019	ppbv#	64
51)	1,2-Dibromoethane(EDB)	10.298	107	677	0.024	ppbv#	56
52)	Tetrachloroethene	10.544	166	603	0.022	ppbv#	83
54)	1,1,1,2-Tetrachloroethane	10.910	131	473	0.019	ppbv#	79
55)	Chlorobenzene	10.918	112	931	0.026	ppbv#	36
56)	Ethylbenzene	11.122	91	1345	0.023	ppbv	82
57)	m,p-Xylene	11.213	91	2128	0.045	ppbv#	85
58)	Bromoform	11.297	173	465	0.012	ppbv#	62
59)	Styrene	11.433	104	619	0.019	ppbv#	72
60)	1,1,2,2-Tetrachloroethane	11.486	83	773	0.026	ppbv#	86
61)	o-Xylene	11.486	91	1164	0.023	ppbv#	84
65)	Isopropylbenzene	11.812	105	2060	0.028	ppbv	98
66)	4-Ethyltoluene	12.184	105	2312	0.032	ppbv#	88
67)	1,3,5-Trimethylbenzene	12.222	105	1641	0.026	ppbv#	89
68)	1,2,4-Trimethylbenzene	12.473	105	1736	0.027	ppbv	94
70)	Benzyl chloride	12.579	91	563	0.011	ppbv#	66
71)	1,3-Dichlorobenzene	12.594	146	1032	0.022	ppbv	91
72)	1,4-Dichlorobenzene	12.632	146	870	0.019	ppbv	96
73)	sec-Butylbenzene	12.640	105	1741	0.019	ppbv#	85
74)	4-Isopropyltoluene	12.731	119	2706	0.029	ppbv	92
75)	1,2-Dichlorobenzene	12.853	146	789	0.018	ppbv	96
76)	n-Butylbenzene	12.997	91	2238	0.030	ppbv	94
77)	1,2,4-Trichlorobenzene	14.030	180	1545	0.046	ppbv#	91
78)	Naphthalene	14.129	128	6185	0.084	ppbv#	98
79)	Hexachlorobutadiene	14.379	225	1006	0.028	ppbv	95
81]	1,2-Dichlorotetrafluor...	4.088	85	813m	0.020	ppbv	60
82]	Vinyl Chloride(sim)	4.194	62	348	0.019	ppbv#	82
83]	Bromomethane(sim)	4.543	94	322m	0.024	ppbv	24
84]	Trichlorofluoromethane...	5.272	101	1066	0.020	ppbv#	95
85]	1,2-Dichloroethane(sim)	7.763	62	639m	0.019	ppbv	71
86]	1,1,1-Trichloroethane(...	7.926	97	760	0.019	ppbv#	93
87]	Benzene(sim)	8.216	78	1082m	0.030	ppbv	46
88]	Carbon Tetrachloride(sim)	8.302	117	827	0.020	ppbv	95
89]	1,1-Dichloroethene(sim)	5.728	61	694m	0.020	ppbv	38
90]	Trichlorotrifluoroetha...	5.978	101	647	0.020	ppbv#	93
91]	Trans-1,2-Dichloroethe...	6.433	61	609m	0.022	ppbv	73
92]	1,1-Dichloroethane(sim)	6.563	63	668	0.021	ppbv	97
93]	Cis-1,2-Dichloroethene...	7.106	61	588m	0.021	ppbv	72
94]	Chloroform(sim)	7.293	83	916	0.026	ppbv#	77
96]	1,2-dichloropropane(sim)	8.700	63	388	0.020	ppbv#	58
97]	Bromodichloromethane(sim)	8.813	83	641m	0.019	ppbv	82
98]	Trichloroethene(sim)	8.839	130	441	0.021	ppbv	92
99]	1,4-Dioxane(sim)	8.839	88	136m	0.019	ppbv	35
100]	cis-1,3-Dichloropropen...	9.336	75	453	0.020	ppbv#	92
101]	1,1,2-Trichloroethane(...	9.745	97	324m	0.019	ppbv	57
102]	Dibromochloromethane(sim)	10.160	129	682	0.019	ppbv	95
103]	1,2-Dibromoethane(EDB)...	10.308	107	590m	0.021	ppbv	56
104]	Tetrachloroethene(sim)	10.554	166	605	0.021	ppbv	97
106]	Bromoform(sim)	11.300	173	730	0.020	ppbv	98
107]	m,p-Xylene(sim)	11.216	91	2387m	0.047	ppbv	85
108]	1,1,2,2-Tetrachloroeth...	11.489	83	686	0.021	ppbv#	88
109]	Benzyl chloride(sim)	12.575	91	950m	0.020	ppbv	66
110]	1,3-Dichlorobenzene(sim)	12.597	146	1142	0.022	ppbv	97
111]	1,4-Dichlorobenzene(sim)	12.635	146	1015m	0.022	ppbv	95

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_06.D
Acq On : 16 Nov 2025 4:26 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 17 10:33:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

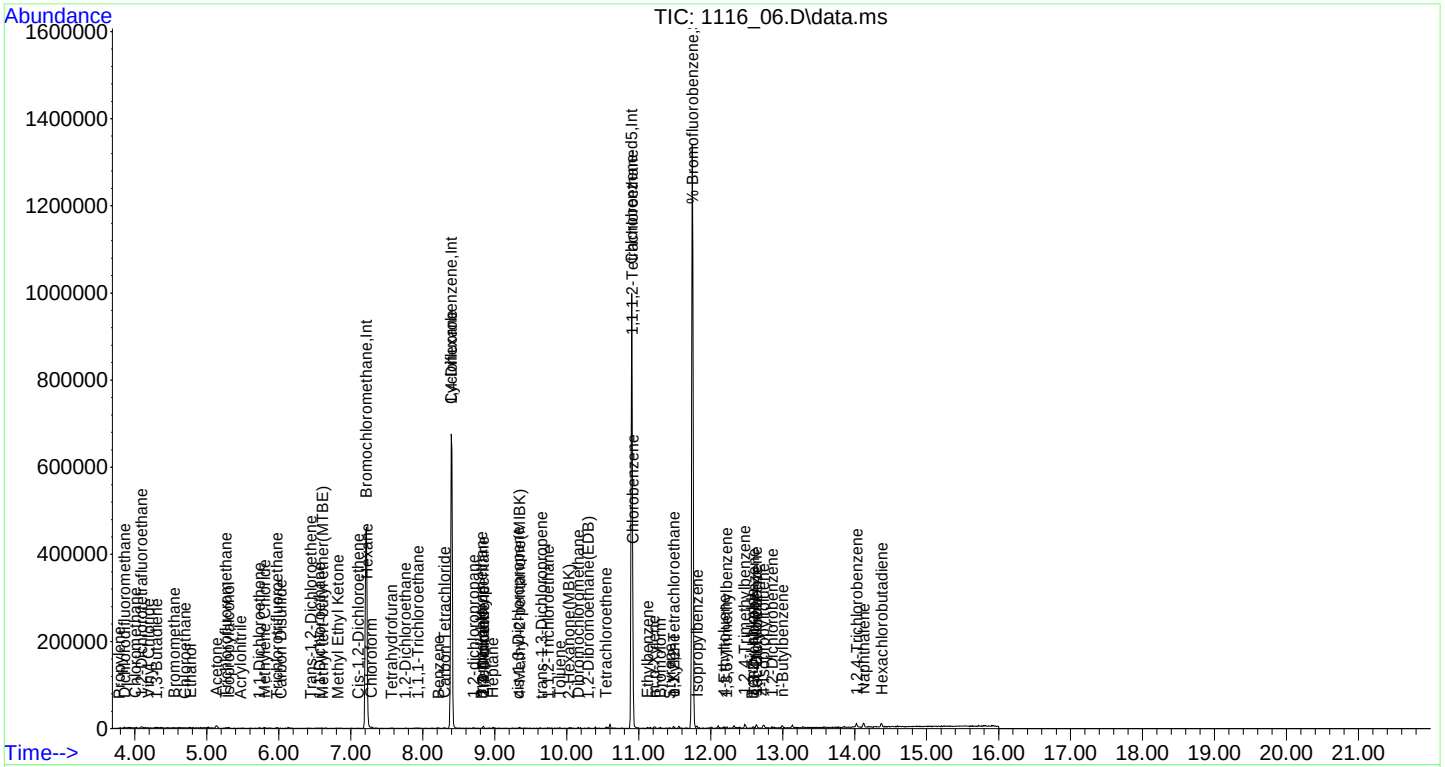
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	1758	0.024	ppbv	98
113] 4-Isopropyltoluene(sim)	12.727	119	2966m	0.032	ppbv	89
114] 1,2-Dichlorobenzene(sim)	12.856	146	1151	0.023	ppbv	97
115] n-Butylbenzene(sim)	12.992	91	2163m	0.029	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	1382	0.032	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	1202	0.039	ppbv	98

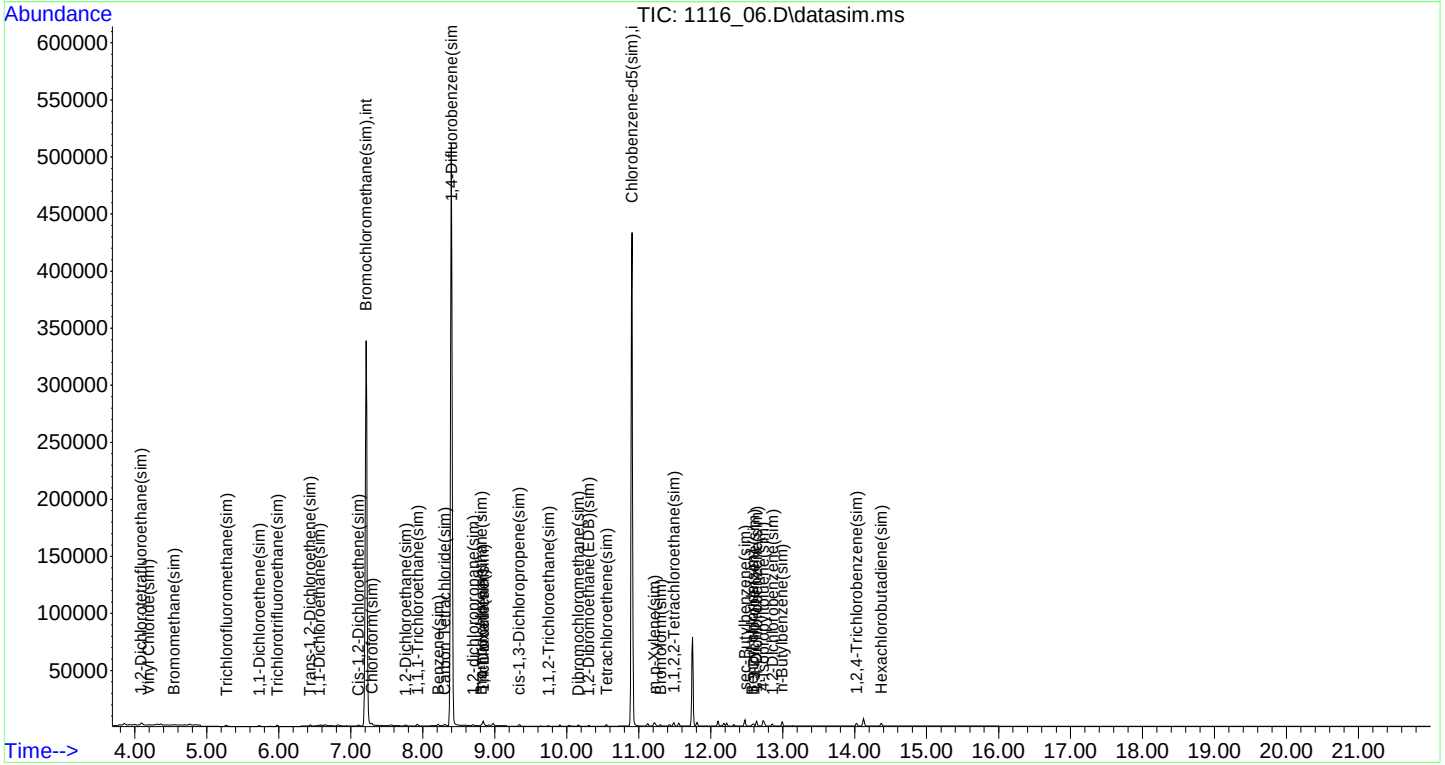
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_06.D
Acq On : 16 Nov 2025 4:26 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppbv
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 17 10:33:59 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_07.D
Acq On : 16 Nov 2025 5:05 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 17 10:34:47 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	114489	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	384398	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	198612	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	113798	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	384398	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	198612	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	291424	11.155	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.50%				
Target Compounds							Qvalue
2) Propylene	3.785	41	927	0.047	ppbv	#	79
3) Dichlorodifluoromethane	3.842	85	2073	0.040	ppbv	#	83
4) Chloromethane	3.988	50	946	0.043	ppbv		73
5) 1,2-Dichlorotetrafluor...	4.093	85	1616	0.040	ppbv		94
6) Vinyl Chloride	4.191	62	601	0.036	ppbv	#	44
7) 1,3-Butadiene	4.313	54	651	0.039	ppbv	#	77
8) Bromomethane	4.540	94	635	0.050	ppbv	#	65
9) Chloroethane	4.678	64	136	0.021	ppbv	#	39
11) Ethanol	4.759	45	908	0.124	ppbv	#	81
12) Acetone	5.127	43	7321	0.176	ppbv	#	85
13) Trichlorofluoromethane	5.256	101	1702	0.034	ppbv	#	96
14) Isopropylalcohol	5.299	45	2257	0.057	ppbv	#	83
15) Acrylonitrile	5.465	53	89	0.007	ppbv	#	38
16) 1,1-Dichloroethene	5.719	61	1128	0.036	ppbv	#	70
17) Methylene Chloride	5.791	49	2129	0.070	ppbv	#	85
20) Carbon Disulfide	6.017	76	1218	0.041	ppbv	#	75
21) Trichlorotrifluoroethane	5.975	101	1069	0.035	ppbv	#	88
22) Trans-1,2-Dichloroethene	6.430	61	1193	0.045	ppbv	#	61
23) 1,1-Dichloroethane	6.560	63	851	0.029	ppbv		95
24) Methyl tert-butyl ethe...	6.593	73	1348	0.038	ppbv	#	88
25) Methyl Ethyl Ketone	6.811	43	1979	0.041	ppbv	#	77
26) Cis-1,2-Dichloroethene	7.112	61	1070	0.041	ppbv	#	54
27) Hexane	7.225	57	1222	0.041	ppbv	#	73
28) Chloroform	7.290	83	1198	0.039	ppbv		81
29) Ethyl acetate	7.217	61	73	0.013	ppbv	#	31
30) Tetrahydrofuran	7.549	42	776	0.033	ppbv	#	67
31) 1,2-Dichloroethane	7.760	62	950	0.030	ppbv	#	61
32) 1,1,1-Trichloroethane	7.923	97	1273	0.034	ppbv	#	85
33) Benzene	8.213	78	1287	0.039	ppbv	#	61
34) Carbon Tetrachloride	8.299	117	1459	0.034	ppbv		90
35) Cyclohexane	8.386	84	1524	0.115	ppbv	#	14
37) 1,2-dichloropropane	8.697	63	677	0.040	ppbv	#	84
38) Bromodichloromethane	8.810	83	1207	0.037	ppbv	#	76
39) Trichloroethene	8.836	130	541	0.028	ppbv		95
40) 2,2,4-trimethylpentane	8.844	57	3158	0.035	ppbv		97
41) 1,4-Dioxane	0.000	88	0	0.000	ppbv		0
43) Heptane	8.974	43	1617	0.038	ppbv	#	80
44) cis-1,3-Dichloropropene	9.326	75	624	0.029	ppbv	#	61
45) 4-Methyl-2-pentanone(M...	9.347	43	1775	0.031	ppbv	#	80
46) trans-1,3-Dichloropropene	9.629	75	681	0.036	ppbv	#	59
47) 1,1,2-Trichloroethane	9.749	97	567	0.038	ppbv	#	45
48) Toluene	9.896	91	1742	0.040	ppbv	#	94

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_07.D
Acq On : 16 Nov 2025 5:05 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 17 10:34:47 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	1324	0.034	ppbv#	91
50)	2-Hexanone(MBK)	10.030	43	1857	0.034	ppbv#	84
51)	1,2-Dibromoethane(EDB)	10.298	107	1166	0.042	ppbv#	75
52)	Tetrachloroethene	10.551	166	982	0.037	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.918	131	777	0.031	ppbv#	89
55)	Chlorobenzene	10.933	112	1303	0.036	ppbv#	1
56)	Ethylbenzene	11.122	91	2251	0.038	ppbv	96
57)	m,p-Xylene	11.213	91	3969	0.084	ppbv#	87
58)	Bromoform	11.297	173	1274	0.034	ppbv	96
59)	Styrene	11.426	104	1204	0.036	ppbv#	86
60)	1,1,2,2-Tetrachloroethane	11.479	83	936	0.032	ppbv#	59
61)	o-Xylene	11.479	91	2132	0.043	ppbv#	89
65)	Isopropylbenzene	11.812	105	2897	0.040	ppbv#	87
66)	4-Ethyltoluene	12.184	105	3013	0.042	ppbv#	92
67)	1,3,5-Trimethylbenzene	12.222	105	2612	0.042	ppbv#	92
68)	1,2,4-Trimethylbenzene	12.480	105	2683	0.042	ppbv#	85
70)	Benzyl chloride	12.579	91	1687	0.034	ppbv#	89
71)	1,3-Dichlorobenzene	12.594	146	1949	0.042	ppbv	94
72)	1,4-Dichlorobenzene	12.632	146	1630	0.036	ppbv	90
73)	sec-Butylbenzene	12.640	105	3192	0.035	ppbv	97
74)	4-Isopropyltoluene	12.723	119	4624	0.050	ppbv#	90
75)	1,2-Dichlorobenzene	12.853	146	1715	0.039	ppbv#	93
76)	n-Butylbenzene	12.989	91	2875	0.039	ppbv	95
77)	1,2,4-Trichlorobenzene	14.030	180	1420	0.042	ppbv#	92
78)	Naphthalene	14.121	128	6217	0.085	ppbv#	95
79)	Hexachlorobutadiene	14.371	225	1383	0.038	ppbv	93
81]	1,2-Dichlorotetrafluor...	4.080	85	1471m	0.037	ppbv	87
82]	Vinyl Chloride(sim)	4.194	62	585	0.034	ppbv	91
83]	Bromomethane(sim)	4.543	94	484m	0.037	ppbv	65
84]	Trichlorofluoromethane...	5.265	101	1855	0.036	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.755	62	1167m	0.036	ppbv	61
86]	1,1,1-Trichloroethane(...	7.925	97	1362	0.035	ppbv#	98
87]	Benzene(sim)	8.207	78	1565m	0.044	ppbv	61
88]	Carbon Tetrachloride(sim)	8.302	117	1366	0.033	ppbv	95
89]	1,1-Dichloroethene(sim)	5.716	61	1181m	0.036	ppbv	61
90]	Trichlorotrifluoroetha...	5.972	101	1140	0.037	ppbv#	98
91]	Trans-1,2-Dichloroethe...	6.425	61	1012m	0.037	ppbv	61
92]	1,1-Dichloroethane(sim)	6.563	63	1078	0.034	ppbv	95
93]	Cis-1,2-Dichloroethene...	7.106	61	957m	0.035	ppbv	54
94]	Chloroform(sim)	7.285	83	1333	0.039	ppbv#	79
96]	1,2-dichloropropane(sim)	8.700	63	687	0.037	ppbv#	73
97]	Bromodichloromethane(sim)	8.813	83	1168m	0.036	ppbv	81
98]	Trichloroethene(sim)	8.839	130	757	0.037	ppbv	89
99]	1,4-Dioxane(sim)	8.839	88	260m	0.038	ppbv	0
100]	cis-1,3-Dichloropropen...	9.336	75	758	0.035	ppbv	98
101]	1,1,2-Trichloroethane(...	9.745	97	607m	0.037	ppbv	50
102]	Dibromochloromethane(sim)	10.160	129	1166	0.034	ppbv	95
103]	1,2-Dibromoethane(EDB)...	10.301	107	1029m	0.038	ppbv	1
104]	Tetrachloroethene(sim)	10.547	166	1010	0.036	ppbv	95
106]	Bromoform(sim)	11.300	173	1261	0.035	ppbv	99
107]	m,p-Xylene(sim)	11.213	91	3969	0.079	ppbv#	89
108]	1,1,2,2-Tetrachloroeth...	11.482	83	1129	0.035	ppbv#	93
109]	Benzyl chloride(sim)	12.579	91	1687	0.036	ppbv	89
110]	1,3-Dichlorobenzene(sim)	12.597	146	1812	0.035	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	1449	0.031	ppbv	85

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_07.D
Acq On : 16 Nov 2025 5:05 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 17 10:34:47 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

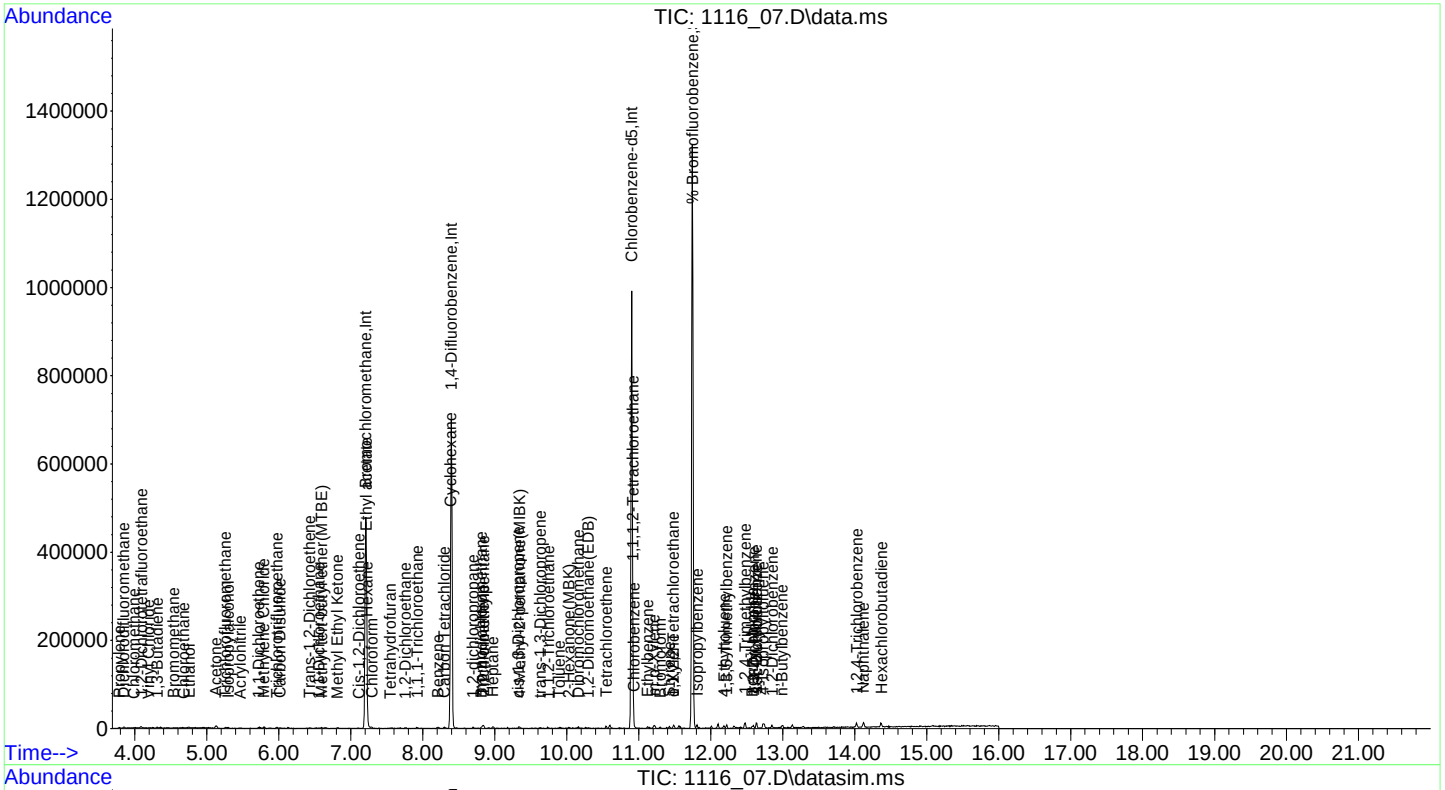
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	2643	0.036	ppbv	100
113] 4-Isopropyltoluene(sim)	12.723	119	4624	0.049	ppbv#	90
114] 1,2-Dichlorobenzene(sim)	12.855	146	1695	0.035	ppbv	97
115] n-Butylbenzene(sim)	12.989	91	2875	0.038	ppbv	95
116] 1,2,4-Trichlorobenzene...	14.025	180	1684	0.040	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	1604	0.052	ppbv	97

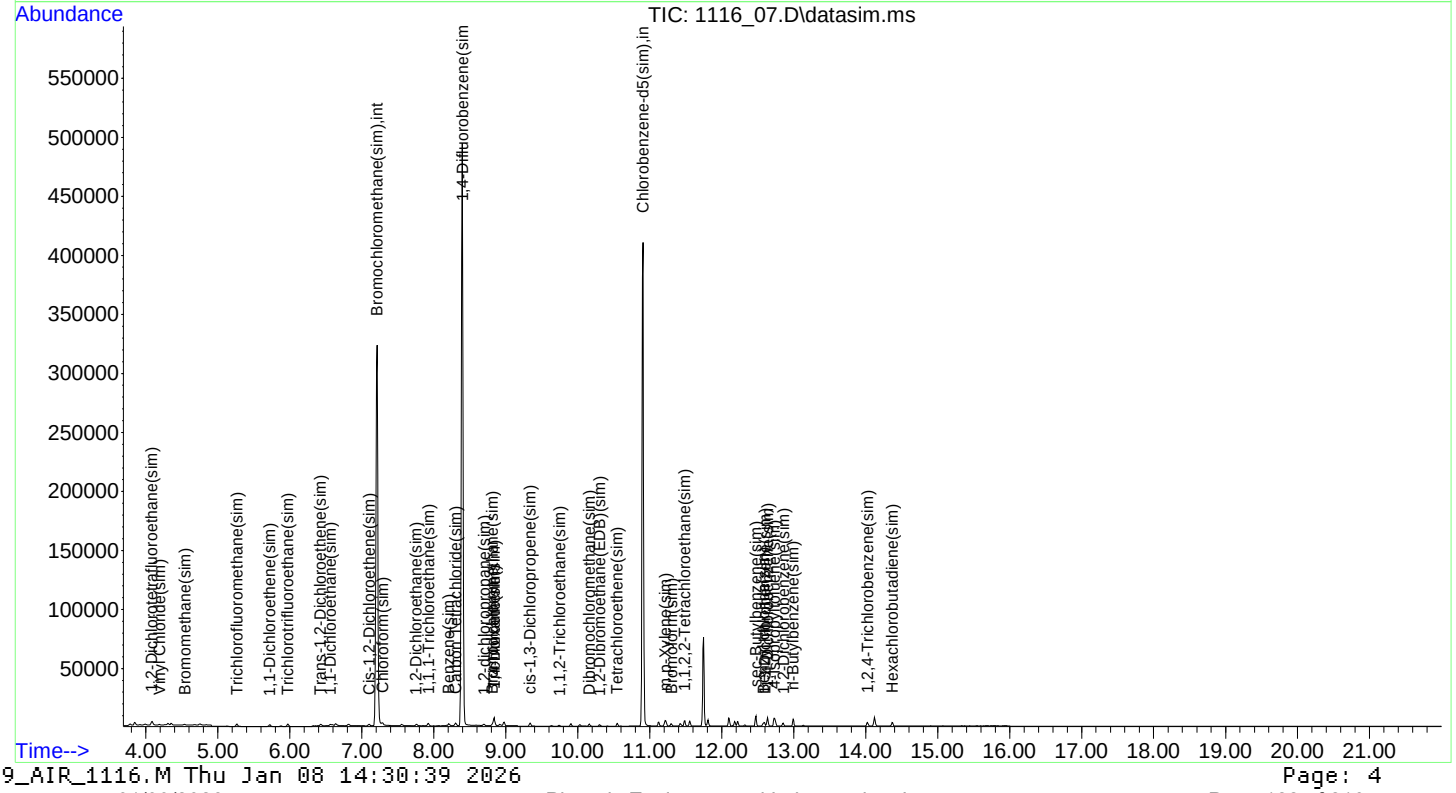
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_07.D
Acq On : 16 Nov 2025 5:05 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppbv
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 17 10:34:47 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_08.D
Acq On : 16 Nov 2025 5:45 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 17 10:35:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	112326	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	386394	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	188336	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	112620	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	386394	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	188509	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	282230	11.392	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.90%				
Target Compounds							Qvalue
2) Propylene	3.777	41	1266	0.066	ppbv		91
3) Dichlorodifluoromethane	3.850	85	2807	0.056	ppbv#		94
4) Chloromethane	3.996	50	1236	0.058	ppbv		90
5) 1,2-Dichlorotetrafluor...	4.077	85	2074	0.053	ppbv#		90
6) Vinyl Chloride	4.183	62	717	0.044	ppbv		96
7) 1,3-Butadiene	4.304	54	943	0.057	ppbv#		83
8) Bromomethane	4.532	94	672	0.053	ppbv#		66
9) Chloroethane	4.669	64	388	0.061	ppbv#		78
11) Ethanol	4.742	45	1134	0.158	ppbv		96
12) Acetone	5.121	43	7327	0.180	ppbv		94
13) Trichlorofluoromethane	5.250	101	2316	0.047	ppbv#		85
14) Isopropylalcohol	5.299	45	3140	0.081	ppbv#		94
15) Acrylonitrile	5.459	53	692	0.055	ppbv#		83
16) 1,1-Dichloroethene	5.713	61	1869	0.061	ppbv#		78
17) Methylene Chloride	5.797	49	2668	0.089	ppbv#		76
20) Carbon Disulfide	6.023	76	1408	0.048	ppbv#		75
21) Trichlorotrifluoroethane	5.963	101	1426	0.048	ppbv#		84
22) Trans-1,2-Dichloroethene	6.430	61	1197	0.046	ppbv#		93
23) 1,1-Dichloroethane	6.560	63	1323	0.047	ppbv		85
24) Methyl tert-butyl ethe...	6.601	73	1544	0.045	ppbv		88
25) Methyl Ethyl Ketone	6.812	43	2782	0.059	ppbv#		73
26) Cis-1,2-Dichloroethene	7.103	61	1549	0.060	ppbv		93
27) Hexane	7.209	57	1267	0.044	ppbv#		60
28) Chloroform	7.290	83	1324	0.044	ppbv#		40
29) Ethyl acetate	7.209	61	195	0.036	ppbv#		71
30) Tetrahydrofuran	7.550	42	1342	0.058	ppbv#		59
31) 1,2-Dichloroethane	7.752	62	1488	0.048	ppbv#		84
32) 1,1,1-Trichloroethane	7.914	97	1967	0.054	ppbv		98
33) Benzene	8.213	78	1941	0.061	ppbv#		74
34) Carbon Tetrachloride	8.299	117	1883	0.045	ppbv		98
35) Cyclohexane	8.395	84	1920	0.148	ppbv#		22
37) 1,2-dichloropropane	8.697	63	940	0.056	ppbv#		72
38) Bromodichloromethane	8.810	83	1601	0.049	ppbv		95
39) Trichloroethene	8.836	130	883	0.046	ppbv#		81
40) 2,2,4-trimethylpentane	8.836	57	4691	0.051	ppbv#		90
41) 1,4-Dioxane	8.836	88	328	0.045	ppbv#		68
43) Heptane	8.974	43	2398	0.056	ppbv#		88
44) cis-1,3-Dichloropropene	9.340	75	1098	0.050	ppbv#		64
45) 4-Methyl-2-pentanone(M...	9.340	43	2602	0.045	ppbv#		83
46) trans-1,3-Dichloropropene	9.629	75	788	0.041	ppbv#		72
47) 1,1,2-Trichloroethane	9.742	97	881	0.058	ppbv#		60
48) Toluene	9.904	91	2514	0.057	ppbv#		98

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_08.D
Acq On : 16 Nov 2025 5:45 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 17 10:35:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	1829	0.047	ppbv	94
50)	2-Hexanone(MBK)	10.023	43	2218	0.040	ppbv#	86
51)	1,2-Dibromoethane(EDB)	10.298	107	1303	0.047	ppbv	84
52)	Tetrachloroethene	10.551	166	1392	0.052	ppbv	87
54)	1,1,1,2-Tetrachloroethane	10.910	131	1037	0.044	ppbv#	83
55)	Chlorobenzene	10.933	112	1790	0.053	ppbv#	1
56)	Ethylbenzene	11.122	91	3224	0.058	ppbv	98
57)	m,p-Xylene	11.213	91	5420	0.121	ppbv	91
58)	Bromoform	11.297	173	1812	0.051	ppbv	93
59)	Styrene	11.433	104	1634	0.052	ppbv	99
60)	1,1,2,2-Tetrachloroethane	11.486	83	1681	0.060	ppbv	91
61)	o-Xylene	11.486	91	2923	0.062	ppbv	92
65)	Isopropylbenzene	11.812	105	3813	0.056	ppbv	95
66)	4-Ethyltoluene	12.184	105	4601	0.067	ppbv	96
67)	1,3,5-Trimethylbenzene	12.222	105	3536	0.060	ppbv	95
68)	1,2,4-Trimethylbenzene	12.473	105	3293	0.054	ppbv	95
70)	Benzyl chloride	12.572	91	2152	0.046	ppbv#	92
71)	1,3-Dichlorobenzene	12.594	146	2194	0.050	ppbv#	89
72)	1,4-Dichlorobenzene	12.632	146	2600	0.060	ppbv	99
73)	sec-Butylbenzene	12.640	105	4146	0.048	ppbv#	92
74)	4-Isopropyltoluene	12.731	119	5116	0.059	ppbv	97
75)	1,2-Dichlorobenzene	12.853	146	2310	0.055	ppbv#	92
76)	n-Butylbenzene	12.997	91	3467	0.049	ppbv#	86
77)	1,2,4-Trichlorobenzene	14.030	180	1911	0.060	ppbv#	94
78)	Naphthalene	14.121	128	6845	0.099	ppbv#	97
79)	Hexachlorobutadiene	14.372	225	1999	0.058	ppbv	95
81]	1,2-Dichlorotetrafluor...	4.077	85	2074	0.053	ppbv#	90
82]	Vinyl Chloride(sim)	4.186	62	896	0.052	ppbv	97
83]	Bromomethane(sim)	4.534	94	637m	0.049	ppbv	66
84]	Trichlorofluoromethane...	5.265	101	2670	0.052	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.755	62	1664m	0.053	ppbv	84
86]	1,1,1-Trichloroethane(...	7.925	97	1879	0.049	ppbv#	97
87]	Benzene(sim)	8.213	78	1941	0.055	ppbv#	74
88]	Carbon Tetrachloride(sim)	8.302	117	1973	0.049	ppbv	99
89]	1,1-Dichloroethene(sim)	5.713	61	1869	0.057	ppbv#	78
90]	Trichlorotrifluoroetha...	5.972	101	1576	0.051	ppbv#	97
91]	Trans-1,2-Dichloroethe...	6.430	61	1197	0.045	ppbv#	93
92]	1,1-Dichloroethane(sim)	6.563	63	1529	0.049	ppbv	97
93]	Cis-1,2-Dichloroethene...	7.103	61	1549	0.057	ppbv	93
94]	Chloroform(sim)	7.285	83	1804	0.053	ppbv#	84
96]	1,2-dichloropropane(sim)	8.700	63	924	0.050	ppbv#	71
97]	Bromodichloromethane(sim)	8.810	83	1601	0.049	ppbv	90
98]	Trichloroethene(sim)	8.839	130	1069	0.052	ppbv	90
99]	1,4-Dioxane(sim)	8.836	88	328	0.048	ppbv#	68
100]	cis-1,3-Dichloropropen...	9.329	75	1068	0.049	ppbv	95
101]	1,1,2-Trichloroethane(...	9.742	97	881	0.054	ppbv#	60
102]	Dibromochloromethane(sim)	10.160	129	1745	0.050	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.298	107	1142	0.042	ppbv	95
104]	Tetrachloroethene(sim)	10.547	166	1416	0.051	ppbv	97
106]	Bromoform(sim)	11.300	173	1687	0.049	ppbv	99
107]	m,p-Xylene(sim)	11.213	91	5420	0.113	ppbv#	93
108]	1,1,2,2-Tetrachloroeth...	11.482	83	1552	0.050	ppbv#	92
109]	Benzyl chloride(sim)	12.572	91	2152	0.048	ppbv	92
110]	1,3-Dichlorobenzene(sim)	12.590	146	2464	0.050	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	2600	0.058	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_08.D
Acq On : 16 Nov 2025 5:45 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 17 10:35:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

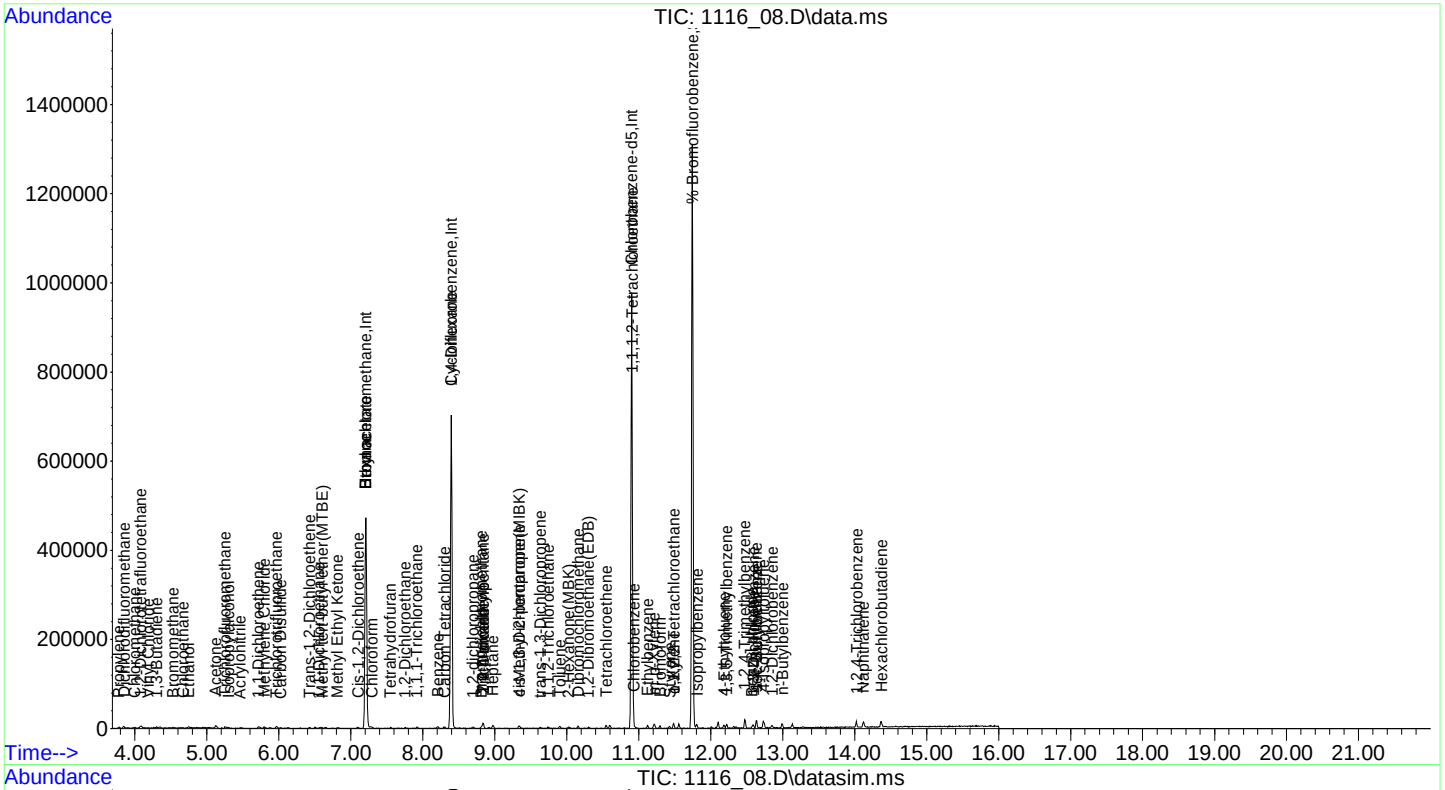
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	3447	0.050	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	5116	0.057	ppbv	97
114] 1,2-Dichlorobenzene(sim)	12.848	146	2341	0.050	ppbv	99
115] n-Butylbenzene(sim)	12.997	91	3467	0.049	ppbv	86
116] 1,2,4-Trichlorobenzene...	14.025	180	2067	0.051	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	2113	0.072	ppbv	99

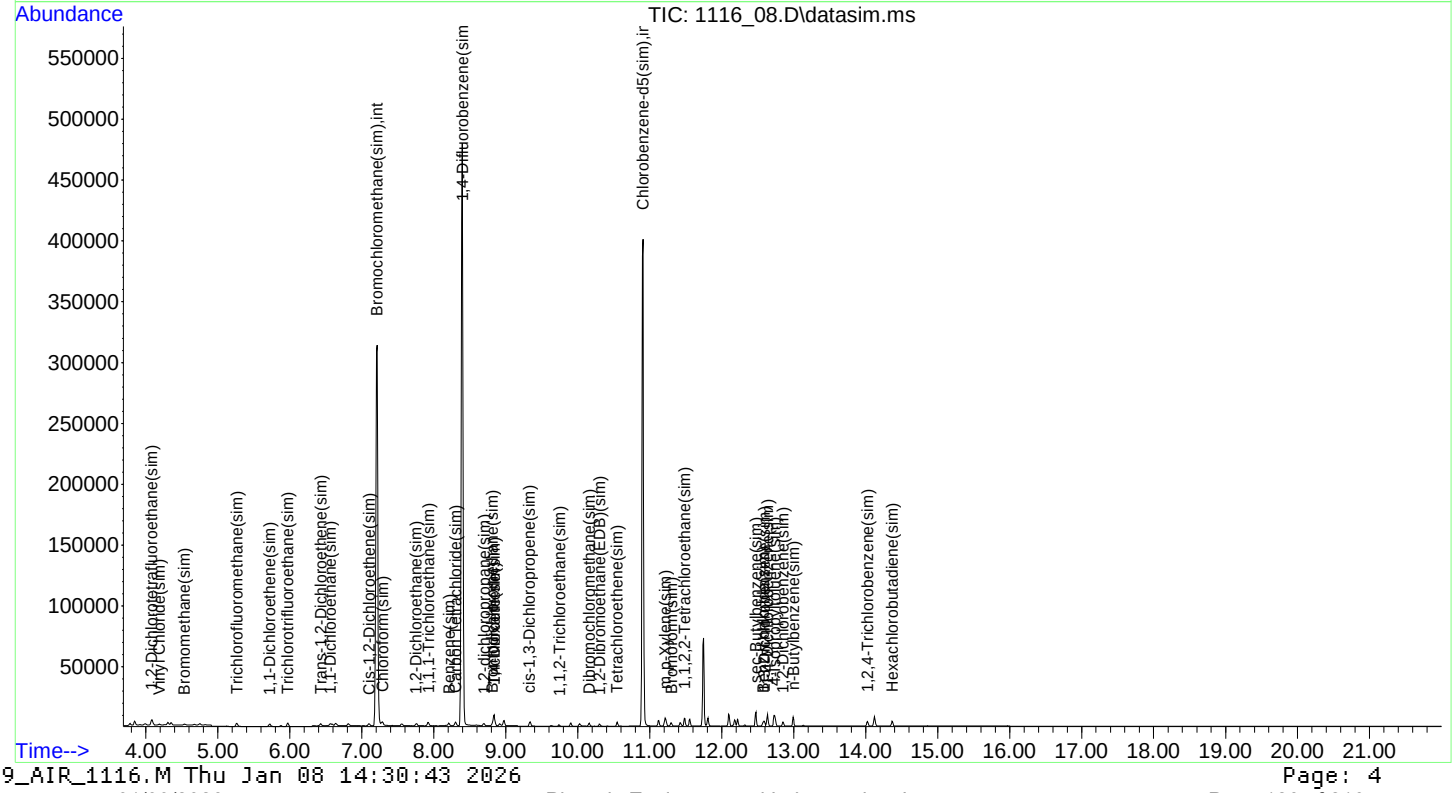
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_08.D
Acq On : 16 Nov 2025 5:45 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppbv
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 17 10:35:12 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_09.D
Acq On : 16 Nov 2025 6:21 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 07:12:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	115329	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	400445	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	197494	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	113957	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	400445	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	197594	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	288218	11.095	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.90%				
Target Compounds							Qvalue
2) Propylene	3.785	41	1982	0.101	ppbv#		70
3) Dichlorodifluoromethane	3.842	85	5329	0.103	ppbv		95
4) Chloromethane	3.988	50	2345	0.107	ppbv		79
5) 1,2-Dichlorotetrafluor...	4.077	85	3346	0.083	ppbv#		58
6) Vinyl Chloride	4.183	62	1866	0.112	ppbv		91
7) 1,3-Butadiene	4.312	54	1794	0.106	ppbv		92
8) Bromomethane	4.531	94	1095	0.085	ppbv#		85
9) Chloroethane	4.669	64	463	0.071	ppbv#		27
11) Ethanol	4.759	45	1409	0.191	ppbv		94
12) Acetone	5.134	43	7820	0.187	ppbv#		89
13) Trichlorofluoromethane	5.262	101	5329	0.106	ppbv		96
14) Isopropylalcohol	5.305	45	4226	0.106	ppbv#		88
15) Acrylonitrile	5.471	53	907	0.070	ppbv		97
16) 1,1-Dichloroethene	5.719	61	3359	0.106	ppbv#		90
17) Methylene Chloride	5.797	49	4352	0.142	ppbv#		81
20) Carbon Disulfide	6.029	76	2912	0.097	ppbv#		89
21) Trichlorotrifluoroethane	5.975	101	3101	0.102	ppbv#		92
22) Trans-1,2-Dichloroethene	6.438	61	3018	0.113	ppbv#		88
23) 1,1-Dichloroethane	6.560	63	2791	0.096	ppbv		93
24) Methyl tert-butyl ethe...	6.601	73	3337	0.094	ppbv#		89
25) Methyl Ethyl Ketone	6.820	43	3558	0.074	ppbv#		83
26) Cis-1,2-Dichloroethene	7.103	61	2508	0.095	ppbv		92
27) Hexane	7.225	57	2913	0.098	ppbv#		81
28) Chloroform	7.290	83	3292	0.107	ppbv		84
29) Ethyl acetate	7.217	61	143	0.026	ppbv#		31
30) Tetrahydrofuran	7.558	42	2138	0.090	ppbv#		71
31) 1,2-Dichloroethane	7.752	62	3279	0.103	ppbv#		92
32) 1,1,1-Trichloroethane	7.922	97	3639	0.098	ppbv		99
33) Benzene	8.221	78	3476	0.106	ppbv#		81
34) Carbon Tetrachloride	8.299	117	4110	0.095	ppbv		98
35) Cyclohexane	8.394	84	2309	0.173	ppbv#		40
37) 1,2-dichloropropane	8.689	63	1654	0.094	ppbv#		73
38) Bromodichloromethane	8.818	83	3269	0.096	ppbv		93
39) Trichloroethene	8.836	130	1723	0.086	ppbv		90
40) 2,2,4-trimethylpentane	8.836	57	9851	0.104	ppbv		95
41) 1,4-Dioxane	8.836	88	639	0.085	ppbv#		65
43) Heptane	8.974	43	4725	0.106	ppbv#		88
44) cis-1,3-Dichloropropene	9.333	75	1870	0.083	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.333	43	6189	0.103	ppbv#		91
46) trans-1,3-Dichloropropene	9.629	75	1632	0.082	ppbv#		89
47) 1,1,2-Trichloroethane	9.742	97	1864	0.119	ppbv#		86
48) Toluene	9.910	91	4468	0.097	ppbv#		93

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_09.D
Acq On : 16 Nov 2025 6:21 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 07:12:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	3206	0.080	ppbv#	81
50)	2-Hexanone(MBK)	10.023	43	4665	0.082	ppbv#	90
51)	1,2-Dibromoethane(EDB)	10.305	107	2556	0.089	ppbv#	62
52)	Tetrachloroethene	10.551	166	3081	0.111	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.910	131	2614	0.106	ppbv	96
55)	Chlorobenzene	10.925	112	3970	0.112	ppbv#	18
56)	Ethylbenzene	11.122	91	6289	0.108	ppbv	97
57)	m,p-Xylene	11.221	91	9958	0.213	ppbv	96
58)	Bromoform	11.297	173	3387	0.092	ppbv#	89
59)	Styrene	11.426	104	3716	0.112	ppbv	90
60)	1,1,2,2-Tetrachloroethane	11.486	83	2929	0.100	ppbv#	84
61)	o-Xylene	11.486	91	5155	0.104	ppbv	98
65)	Isopropylbenzene	11.805	105	7992	0.111	ppbv#	90
66)	4-Ethyltoluene	12.177	105	7101	0.098	ppbv	95
67)	1,3,5-Trimethylbenzene	12.222	105	6761	0.109	ppbv	100
68)	1,2,4-Trimethylbenzene	12.473	105	6541	0.102	ppbv	96
70)	Benzyl chloride	12.579	91	4580	0.094	ppbv#	94
71)	1,3-Dichlorobenzene	12.594	146	4275	0.093	ppbv	95
72)	1,4-Dichlorobenzene	12.632	146	4815	0.107	ppbv	95
73)	sec-Butylbenzene	12.640	105	9714	0.107	ppbv	98
74)	4-Isopropyltoluene	12.723	119	8918	0.098	ppbv	99
75)	1,2-Dichlorobenzene	12.853	146	4486	0.103	ppbv#	83
76)	n-Butylbenzene	12.997	91	7693	0.105	ppbv	98
77)	1,2,4-Trichlorobenzene	14.022	180	3263	0.098	ppbv	96
78)	Naphthalene	14.121	128	8768	0.120	ppbv#	96
79)	Hexachlorobutadiene	14.371	225	3447	0.095	ppbv	85
81]	1,2-Dichlorotetrafluor...	4.077	85	3346	0.084	ppbv#	60
82]	Vinyl Chloride(sim)	4.194	62	1649	0.095	ppbv	91
83]	Bromomethane(sim)	4.531	94	1095	0.084	ppbv#	85
84]	Trichlorofluoromethane...	5.265	101	5159	0.099	ppbv#	100
85]	1,2-Dichloroethane(sim)	7.752	62	3279	0.102	ppbv#	92
86]	1,1,1-Trichloroethane(...	7.925	97	3815	0.099	ppbv#	98
87]	Benzene(sim)	8.221	78	3476	0.098	ppbv#	81
88]	Carbon Tetrachloride(sim)	8.302	117	3922	0.096	ppbv	99
89]	1,1-Dichloroethene(sim)	5.719	61	3359	0.101	ppbv#	89
90]	Trichlorotrifluoroetha...	5.978	101	3028	0.097	ppbv#	96
91]	Trans-1,2-Dichloroethe...	6.438	61	3018	0.111	ppbv#	88
92]	1,1-Dichloroethane(sim)	6.563	63	3119	0.099	ppbv	100
93]	Cis-1,2-Dichloroethene...	7.103	61	2508	0.091	ppbv	92
94]	Chloroform(sim)	7.285	83	3241	0.095	ppbv#	83
96]	1,2-dichloropropane(sim)	8.700	63	1844	0.096	ppbv#	69
97]	Bromodichloromethane(sim)	8.818	83	3269	0.097	ppbv	94
98]	Trichloroethene(sim)	8.839	130	2036	0.095	ppbv	92
99]	1,4-Dioxane(sim)	8.836	88	639	0.090	ppbv#	65
100]	cis-1,3-Dichloropropen...	9.336	75	2174	0.096	ppbv	96
101]	1,1,2-Trichloroethane(...	9.742	97	1929	0.114	ppbv#	83
102]	Dibromochloromethane(sim)	10.160	129	3564	0.099	ppbv	97
103]	1,2-Dibromoethane(EDB)...	10.305	107	2556	0.091	ppbv#	63
104]	Tetrachloroethene(sim)	10.547	166	2793	0.097	ppbv	98
106]	Bromoform(sim)	11.300	173	3520	0.097	ppbv	99
107]	m,p-Xylene(sim)	11.221	91	9958	0.198	ppbv	97
108]	1,1,2,2-Tetrachloroeth...	11.482	83	3053	0.095	ppbv#	92
109]	Benzyl chloride(sim)	12.579	91	4580	0.098	ppbv	94
110]	1,3-Dichlorobenzene(sim)	12.590	146	4899	0.095	ppbv	97
111]	1,4-Dichlorobenzene(sim)	12.632	146	4529	0.097	ppbv	92

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_09.D
Acq On : 16 Nov 2025 6:21 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 07:12:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

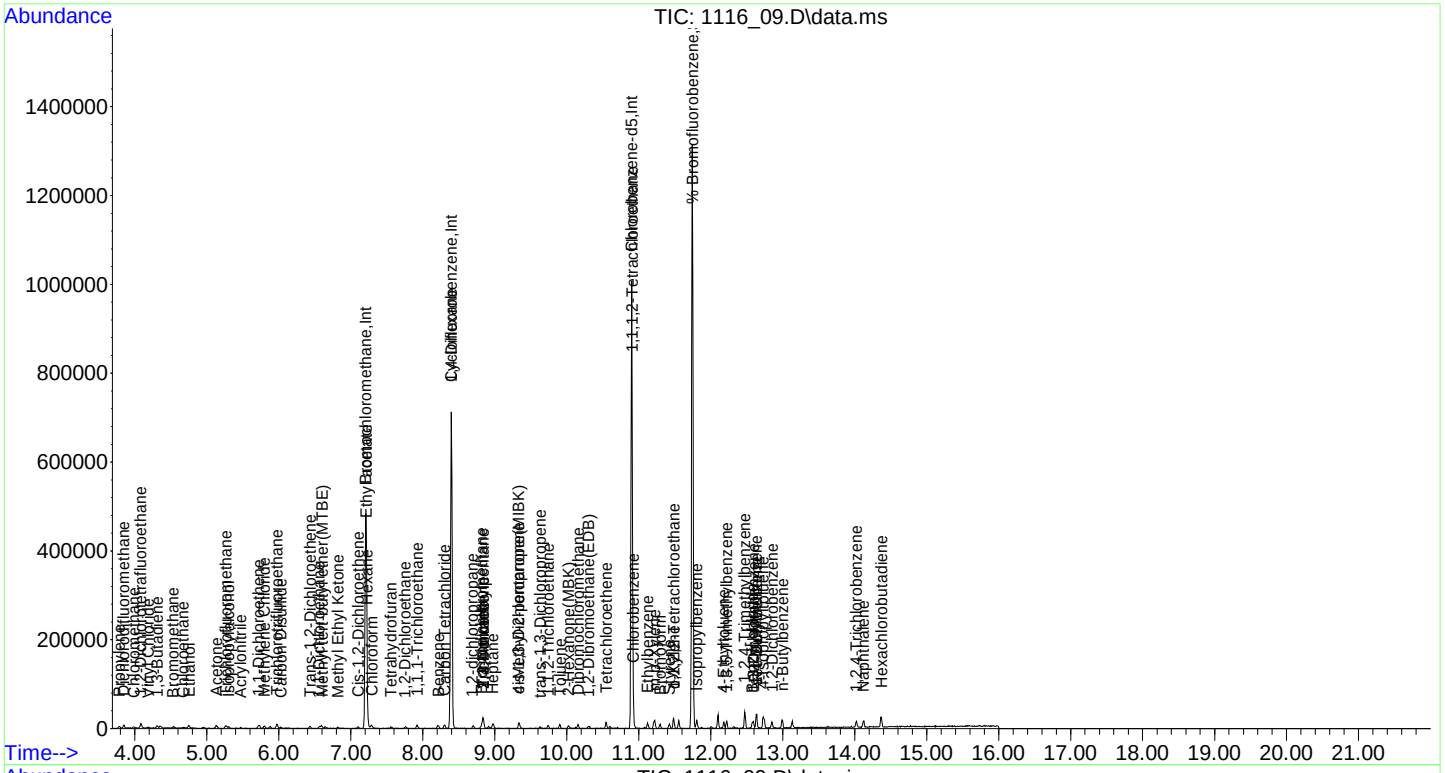
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	6818	0.093	ppbv	97
113] 4-Isopropyltoluene(sim)	12.723	119	8915	0.095	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.848	146	4615	0.094	ppbv	97
115] n-Butylbenzene(sim)	12.997	91	7693	0.103	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	3544	0.084	ppbv	96
118] Hexachlorobutadiene(sim)	14.367	225	3891	0.127	ppbv	99

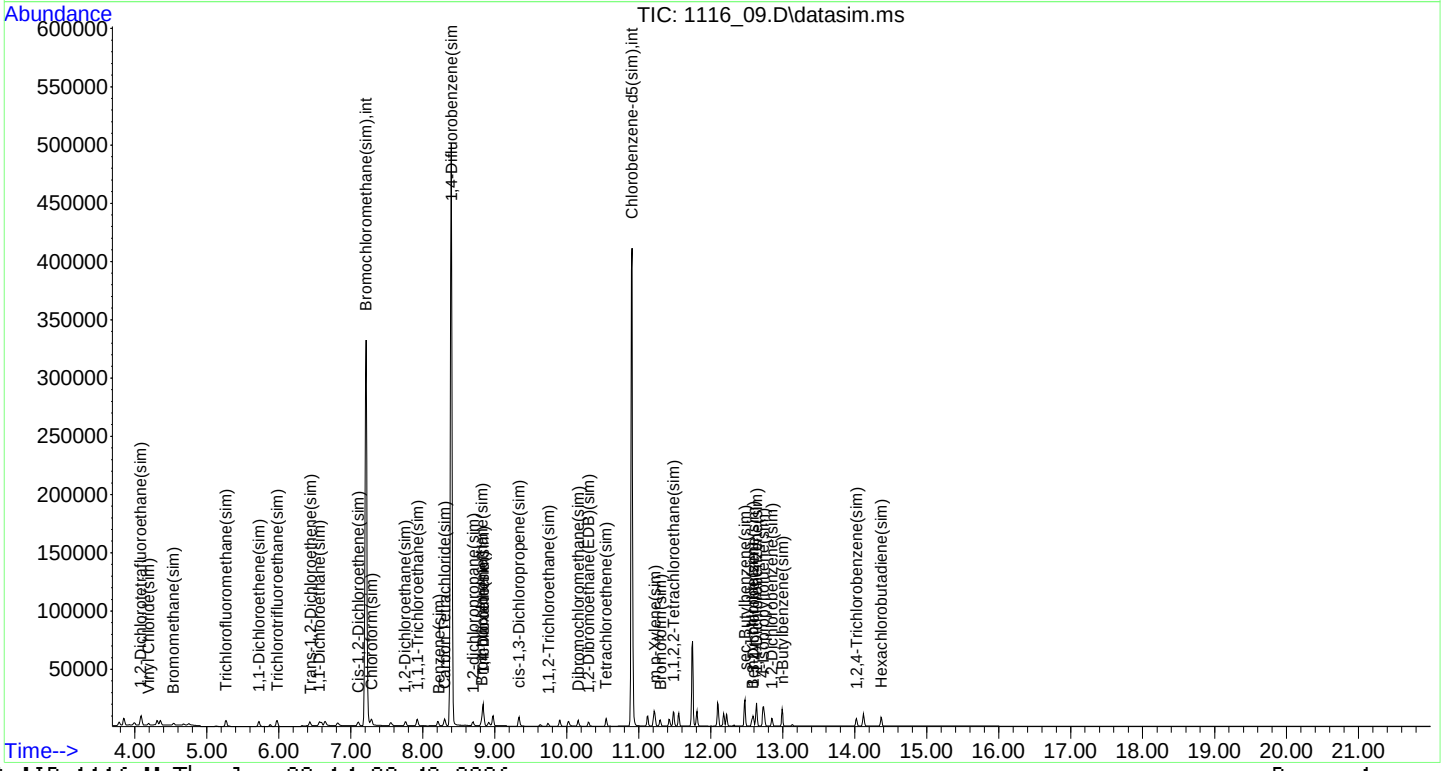
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_09.D
Acq On : 16 Nov 2025 6:21 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppbv
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 07:12:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_10.D
Acq On : 16 Nov 2025 6:58 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 17 07:12:28 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	113093	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	393349	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	196095	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	114758	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	393349	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	196095	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	289297	11.216	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.20%				
Target Compounds							Qvalue
2) Propylene	3.777	41	4284	0.222	ppbv		96
3) Dichlorodifluoromethane	3.850	85	10590	0.209	ppbv#		95
4) Chloromethane	3.996	50	4248	0.197	ppbv		89
5) 1,2-Dichlorotetrafluor...	4.085	85	7385	0.186	ppbv#		86
6) Vinyl Chloride	4.183	62	3552	0.217	ppbv		99
7) 1,3-Butadiene	4.321	54	3185	0.192	ppbv#		80
8) Bromomethane	4.548	94	2711	0.214	ppbv		97
9) Chloroethane	4.669	64	1405	0.220	ppbv		85
11) Ethanol	4.751	45	1785	0.247	ppbv#		91
12) Acetone	5.127	43	10768	0.263	ppbv		99
13) Trichlorofluoromethane	5.262	101	9905	0.201	ppbv		96
14) Isopropylalcohol	5.299	45	7445	0.191	ppbv#		90
15) Acrylonitrile	5.477	53	2821	0.222	ppbv		87
16) 1,1-Dichloroethene	5.719	61	6390	0.206	ppbv		89
17) Methylene Chloride	5.803	49	7294	0.243	ppbv#		80
20) Carbon Disulfide	6.029	76	6067	0.207	ppbv		98
21) Trichlorotrifluoroethane	5.975	101	5738	0.193	ppbv		91
22) Trans-1,2-Dichloroethene	6.430	61	5060	0.193	ppbv		94
23) 1,1-Dichloroethane	6.568	63	5351	0.188	ppbv		95
24) Methyl tert-butyl ethe...	6.593	73	6483	0.186	ppbv#		87
25) Methyl Ethyl Ketone	6.811	43	7763	0.164	ppbv#		94
26) Cis-1,2-Dichloroethene	7.103	61	5063	0.196	ppbv		90
27) Hexane	7.225	57	6397	0.219	ppbv#		88
28) Chloroform	7.290	83	6221	0.205	ppbv		82
29) Ethyl acetate	7.217	61	976	0.180	ppbv#		73
30) Tetrahydrofuran	7.549	42	4799	0.207	ppbv#		80
31) 1,2-Dichloroethane	7.760	62	6012	0.193	ppbv		100
32) 1,1,1-Trichloroethane	7.923	97	7385	0.202	ppbv		98
33) Benzene	8.213	78	6400	0.198	ppbv#		84
34) Carbon Tetrachloride	8.299	117	7417	0.174	ppbv		90
35) Cyclohexane	8.377	84	3437	0.263	ppbv#		59
37) 1,2-dichloropropane	8.697	63	3105	0.180	ppbv#		45
38) Bromodichloromethane	8.818	83	6688	0.200	ppbv		92
39) Trichloroethene	8.836	130	3925	0.200	ppbv		91
40) 2,2,4-trimethylpentane	8.836	57	18625	0.199	ppbv		96
41) 1,4-Dioxane	8.827	88	1226	0.166	ppbv#		78
43) Heptane	8.974	43	9085	0.207	ppbv#		91
44) cis-1,3-Dichloropropene	9.333	75	3903	0.176	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.333	43	11990	0.203	ppbv#		89
46) trans-1,3-Dichloropropene	9.629	75	3463	0.178	ppbv		93
47) 1,1,2-Trichloroethane	9.742	97	3189	0.208	ppbv		88
48) Toluene	9.903	91	9374	0.208	ppbv#		95

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_10.D
Acq On : 16 Nov 2025 6:58 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 17 07:12:28 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	7476	0.190	ppbv	99
50) 2-Hexanone(MBK)	10.023	43	10915	0.195	ppbv#	93
51) 1,2-Dibromoethane(EDB)	10.305	107	5229	0.186	ppbv	97
52) Tetrachloroethene	10.544	166	5416	0.199	ppbv	100
54) 1,1,1,2-Tetrachloroethane	10.918	131	5363	0.219	ppbv	93
55) Chlorobenzene	10.925	112	7496	0.212	ppbv#	62
56) Ethylbenzene	11.122	91	12110	0.210	ppbv	96
57) m,p-Xylene	11.221	91	20326	0.437	ppbv	97
58) Bromoform	11.297	173	7218	0.197	ppbv	98
59) Styrene	11.426	104	6672	0.203	ppbv#	93
60) 1,1,2,2-Tetrachloroethane	11.486	83	5858	0.201	ppbv#	84
61) o-Xylene	11.486	91	9463	0.192	ppbv	94
65) Isopropylbenzene	11.812	105	15075	0.211	ppbv	95
66) 4-Ethyltoluene	12.184	105	15013	0.209	ppbv	95
67) 1,3,5-Trimethylbenzene	12.222	105	12571	0.204	ppbv	92
68) 1,2,4-Trimethylbenzene	12.473	105	12073	0.189	ppbv	95
70) Benzyl chloride	12.572	91	7866	0.162	ppbv	97
71) 1,3-Dichlorobenzene	12.594	146	9113	0.199	ppbv	98
72) 1,4-Dichlorobenzene	12.632	146	9412	0.210	ppbv	94
73) sec-Butylbenzene	12.640	105	18619	0.206	ppbv	96
74) 4-Isopropyltoluene	12.731	119	18514	0.204	ppbv	99
75) 1,2-Dichlorobenzene	12.853	146	8958	0.207	ppbv	92
76) n-Butylbenzene	12.989	91	14428	0.198	ppbv#	94
77) 1,2,4-Trichlorobenzene	14.022	180	5805	0.176	ppbv#	90
78) Naphthalene	14.121	128	15849	0.219	ppbv#	98
79) Hexachlorobutadiene	14.364	225	7189	0.199	ppbv	97
81] 1,2-Dichlorotetrafluor...	4.085	85	7385	0.184	ppbv#	86
82] Vinyl Chloride(sim)	4.194	62	3324	0.190	ppbv	99
83] Bromomethane(sim)	4.548	94	2711	0.206	ppbv#	91
84] Trichlorofluoromethane...	5.265	101	10326	0.196	ppbv#	99
85] 1,2-Dichloroethane(sim)	7.760	62	6012	0.186	ppbv	100
86] 1,1,1-Trichloroethane(...	7.925	97	7495	0.193	ppbv#	97
87] Benzene(sim)	8.213	78	6400	0.178	ppbv#	84
88] Carbon Tetrachloride(sim)	8.302	117	8010	0.194	ppbv	100
89] 1,1-Dichloroethene(sim)	5.719	61	6390	0.191	ppbv	89
90] Trichlorotrifluoroetha...	5.978	101	6187	0.197	ppbv#	98
91] Trans-1,2-Dichloroethe...	6.430	61	5060	0.185	ppbv	94
92] 1,1-Dichloroethane(sim)	6.563	63	6250	0.198	ppbv	98
93] Cis-1,2-Dichloroethene...	7.103	61	5063	0.183	ppbv	89
94] Chloroform(sim)	7.293	83	6524	0.189	ppbv#	89
96] 1,2-dichloropropane(sim)	8.700	63	3599	0.190	ppbv#	66
97] Bromodichloromethane(sim)	8.818	83	6688	0.203	ppbv	91
98] Trichloroethene(sim)	8.839	130	4099	0.195	ppbv	94
99] 1,4-Dioxane(sim)	8.827	88	1226	0.176	ppbv#	78
100] cis-1,3-Dichloropropen...	9.329	75	4448	0.200	ppbv	98
101] 1,1,2-Trichloroethane(...	9.742	97	3189	0.192	ppbv#	83
102] Dibromochloromethane(sim)	10.160	129	7133	0.201	ppbv	99
103] 1,2-Dibromoethane(EDB)...	10.305	107	5229	0.190	ppbv	97
104] Tetrachloroethene(sim)	10.547	166	5635	0.199	ppbv	99
106] Bromoform(sim)	11.300	173	7062	0.197	ppbv	99
107] m,p-Xylene(sim)	11.221	91	20326	0.407	ppbv	97
108] 1,1,2,2-Tetrachloroeth...	11.482	83	5963	0.186	ppbv#	92
109] Benzyl chloride(sim)	12.572	91	7718	0.166	ppbv	97
110] 1,3-Dichlorobenzene(sim)	12.590	146	9639	0.188	ppbv	98
111] 1,4-Dichlorobenzene(sim)	12.632	146	9412	0.202	ppbv	94

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_10.D
Acq On : 16 Nov 2025 6:58 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 17 07:12:28 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

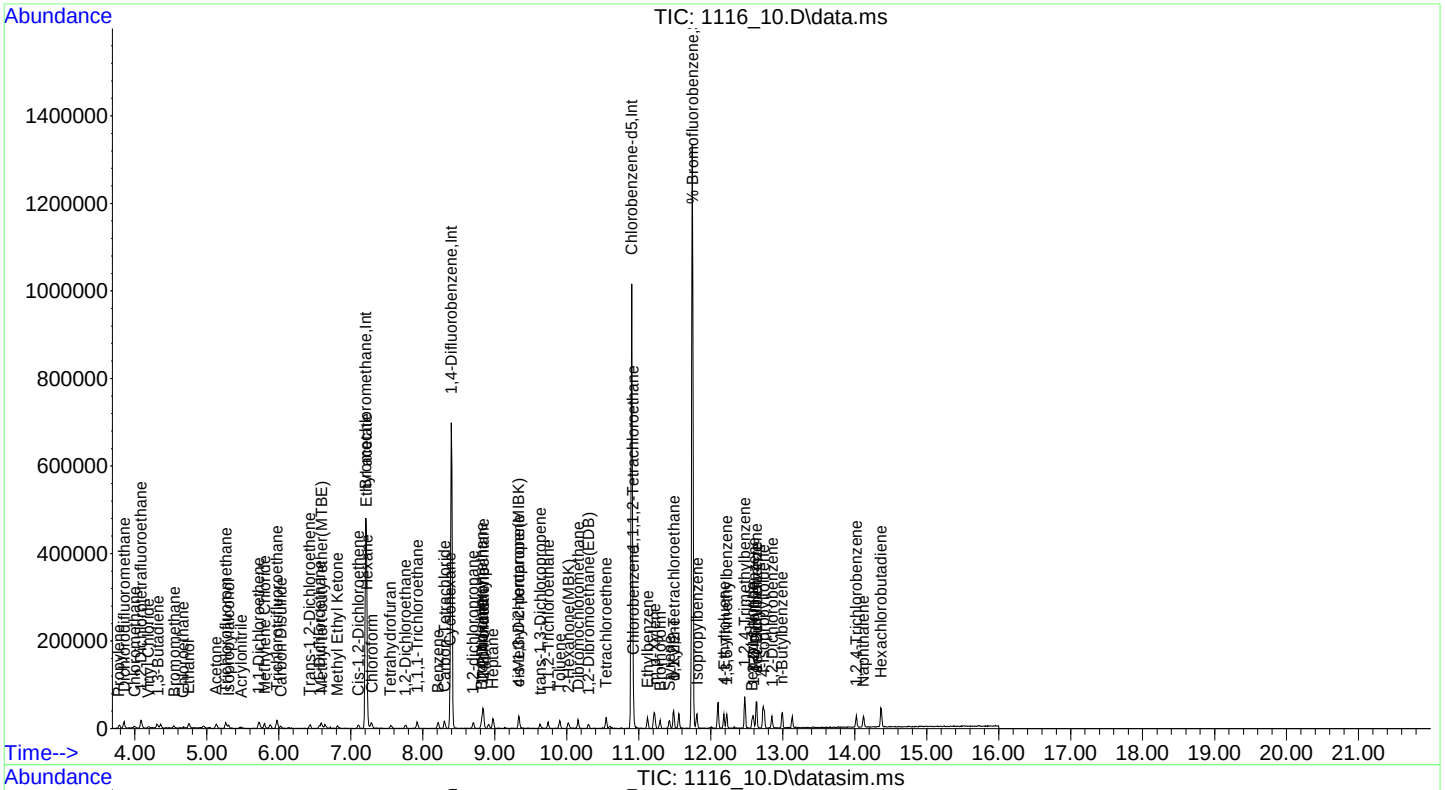
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	13431	0.186	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	18607	0.201	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.848	146	9033	0.186	ppbv	98
115] n-Butylbenzene(sim)	12.989	91	14428	0.195	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	6596	0.157	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	7428	0.245	ppbv	98

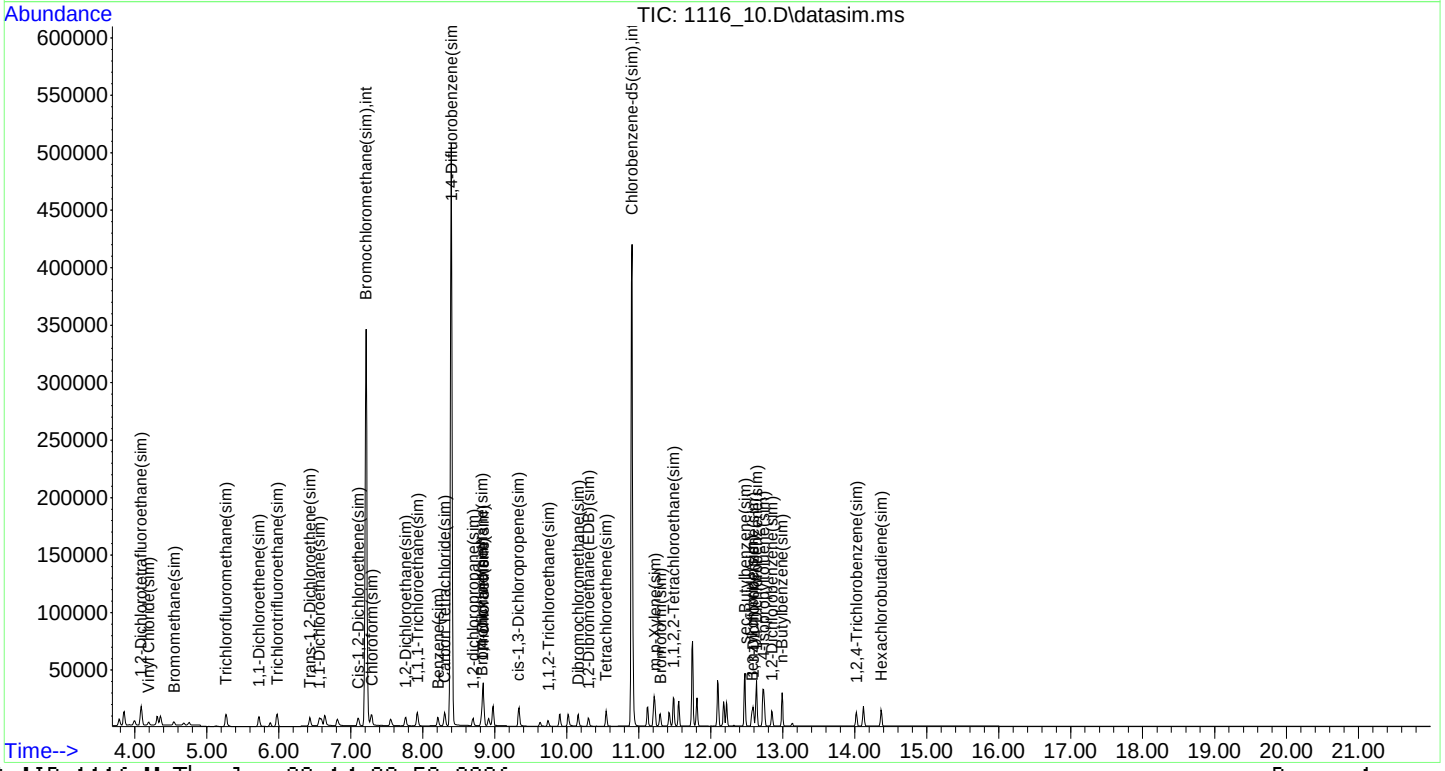
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_10.D
Acq On : 16 Nov 2025 6:58 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppbv
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 17 07:12:28 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_11.D
Acq On : 16 Nov 2025 7:37 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 17 07:12:29 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	112873	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	389531	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	192353	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	112846	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	389673	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	192353	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	280323	11.079	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.80%				
Target Compounds							Qvalue
2) Propylene	3.777	41	9991	0.519	ppbv		96
3) Dichlorodifluoromethane	3.842	85	25092	0.496	ppbv#		95
4) Chloromethane	3.988	50	10263	0.477	ppbv		94
5) 1,2-Dichlorotetrafluor...	4.077	85	19649	0.496	ppbv#		84
6) Vinyl Chloride	4.183	62	8214	0.503	ppbv		93
7) 1,3-Butadiene	4.304	54	7882	0.475	ppbv#		87
8) Bromomethane	4.532	94	6394	0.506	ppbv#		97
9) Chloroethane	4.678	64	2914	0.456	ppbv#		79
11) Ethanol	4.751	45	3744	0.519	ppbv		99
12) Acetone	5.127	43	22310	0.545	ppbv#		89
13) Trichlorofluoromethane	5.262	101	25347	0.515	ppbv		98
14) Isopropylalcohol	5.293	45	17923	0.461	ppbv		93
15) Acrylonitrile	5.459	53	6053	0.478	ppbv		98
16) 1,1-Dichloroethene	5.713	61	15401	0.498	ppbv		93
17) Methylene Chloride	5.797	49	15752	0.525	ppbv#		80
20) Carbon Disulfide	6.023	76	14414	0.492	ppbv		99
21) Trichlorotrifluoroethane	5.963	101	15652	0.527	ppbv		95
22) Trans-1,2-Dichloroethene	6.430	61	13203	0.503	ppbv		93
23) 1,1-Dichloroethane	6.560	63	14649	0.515	ppbv		96
24) Methyl tert-butyl ethe...	6.584	73	16761	0.482	ppbv		94
25) Methyl Ethyl Ketone	6.803	43	24510	0.520	ppbv#		90
26) Cis-1,2-Dichloroethene	7.095	61	13161	0.510	ppbv#		85
27) Hexane	7.217	57	14570	0.500	ppbv#		88
28) Chloroform	7.290	83	15454	0.511	ppbv		91
29) Ethyl acetate	7.209	61	2830	0.523	ppbv#		69
30) Tetrahydrofuran	7.549	42	10753	0.465	ppbv#		93
31) 1,2-Dichloroethane	7.752	62	15495	0.499	ppbv		97
32) 1,1,1-Trichloroethane	7.922	97	17004	0.466	ppbv		94
33) Benzene	8.213	78	16321	0.507	ppbv#		84
34) Carbon Tetrachloride	8.299	117	20863	0.491	ppbv		96
35) Cyclohexane	8.377	84	7037	0.540	ppbv#		67
37) 1,2-dichloropropane	8.697	63	8767	0.514	ppbv#		74
38) Bromodichloromethane	8.810	83	15952	0.482	ppbv		98
39) Trichloroethene	8.836	130	9408	0.483	ppbv		87
40) 2,2,4-trimethylpentane	8.836	57	44574	0.481	ppbv		94
41) 1,4-Dioxane	8.827	88	3567	0.487	ppbv		86
43) Heptane	8.974	43	20432	0.470	ppbv#		91
44) cis-1,3-Dichloropropene	9.326	75	10831	0.493	ppbv		93
45) 4-Methyl-2-pentanone(M...	9.333	43	29116	0.497	ppbv#		94
46) trans-1,3-Dichloropropene	9.622	75	8864	0.459	ppbv		94
47) 1,1,2-Trichloroethane	9.742	97	7252	0.477	ppbv		93
48) Toluene	9.903	91	20840	0.467	ppbv#		95

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_11.D
Acq On : 16 Nov 2025 7:37 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 17 07:12:29 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	18203	0.466	ppbv	98
50)	2-Hexanone(MBK)	10.016	43	25673	0.462	ppbv	99
51)	1,2-Dibromoethane(EDB)	10.298	107	13319	0.478	ppbv	94
52)	Tetrachloroethene	10.551	166	12723	0.473	ppbv	93
54)	1,1,1,2-Tetrachloroethane	10.918	131	11838	0.494	ppbv	95
55)	Chlorobenzene	10.925	112	19262	0.556	ppbv	92
56)	Ethylbenzene	11.122	91	29967	0.529	ppbv	97
57)	m,p-Xylene	11.213	91	48494	1.064	ppbv	98
58)	Bromoform	11.297	173	17575	0.488	ppbv	98
59)	Styrene	11.426	104	15133	0.468	ppbv#	86
60)	1,1,2,2-Tetrachloroethane	11.479	83	14896	0.521	ppbv#	86
61)	o-Xylene	11.486	91	24751	0.513	ppbv	95
65)	Isopropylbenzene	11.805	105	36661	0.524	ppbv	94
66)	4-Ethyltoluene	12.184	105	33622	0.478	ppbv	95
67)	1,3,5-Trimethylbenzene	12.222	105	29911	0.494	ppbv	95
68)	1,2,4-Trimethylbenzene	12.473	105	29917	0.478	ppbv	97
70)	Benzyl chloride	12.579	91	20276	0.427	ppbv#	93
71)	1,3-Dichlorobenzene	12.594	146	21256	0.474	ppbv	96
72)	1,4-Dichlorobenzene	12.632	146	20899	0.476	ppbv	96
73)	sec-Butylbenzene	12.640	105	44199	0.499	ppbv#	95
74)	4-Isopropyltoluene	12.731	119	45424	0.511	ppbv	98
75)	1,2-Dichlorobenzene	12.853	146	19781	0.465	ppbv	99
76)	n-Butylbenzene	12.997	91	35785	0.500	ppbv#	94
77)	1,2,4-Trichlorobenzene	14.022	180	14389	0.444	ppbv	99
78)	Naphthalene	14.121	128	32342	0.456	ppbv#	100
79)	Hexachlorobutadiene	14.364	225	16551	0.468	ppbv	99
81]	1,2-Dichlorotetrafluor...	4.077	85	19649	0.499	ppbv#	84
82]	Vinyl Chloride(sim)	4.186	62	8181	0.475	ppbv	99
83]	Bromomethane(sim)	4.532	94	6394	0.494	ppbv	98
84]	Trichlorofluoromethane...	5.259	101	25466	0.492	ppbv#	99
85]	1,2-Dichloroethane(sim)	7.752	62	15495	0.488	ppbv	97
86]	1,1,1-Trichloroethane(...	7.925	97	18832	0.494	ppbv#	98
87]	Benzene(sim)	8.213	78	16321	0.462	ppbv#	84
88]	Carbon Tetrachloride(sim)	8.302	117	20432	0.503	ppbv	99
89]	1,1-Dichloroethene(sim)	5.713	61	15401	0.469	ppbv	93
90]	Trichlorotrifluoroetha...	5.972	101	14874	0.481	ppbv#	97
91]	Trans-1,2-Dichloroethe...	6.430	61	13203	0.490	ppbv	93
92]	1,1-Dichloroethane(sim)	6.563	63	15145	0.487	ppbv	100
93]	Cis-1,2-Dichloroethene...	7.095	61	13161	0.484	ppbv#	85
94]	Chloroform(sim)	7.285	83	15471	0.456	ppbv#	88
96]	1,2-dichloropropane(sim)	8.700	63	9008	0.481	ppbv#	69
97]	Bromodichloromethane(sim)	8.810	83	15952	0.488	ppbv	99
98]	Trichloroethene(sim)	8.839	130	10028	0.481	ppbv	94
99]	1,4-Dioxane(sim)	8.827	88	3567	0.517	ppbv	86
100]	cis-1,3-Dichloropropen...	9.329	75	10807	0.490	ppbv	96
101]	1,1,2-Trichloroethane(...	9.742	97	7069	0.429	ppbv	94
102]	Dibromochloromethane(sim)	10.160	129	17762	0.505	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.298	107	13319	0.488	ppbv	95
104]	Tetrachloroethene(sim)	10.547	166	13540	0.482	ppbv	98
106]	Bromoform(sim)	11.300	173	17361	0.494	ppbv	99
107]	m,p-Xylene(sim)	11.213	91	48494	0.991	ppbv	97
108]	1,1,2,2-Tetrachloroeth...	11.482	83	14659	0.466	ppbv#	92
109]	Benzyl chloride(sim)	12.579	91	20276	0.446	ppbv	93
110]	1,3-Dichlorobenzene(sim)	12.590	146	23394	0.466	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	20899	0.458	ppbv	96

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_11.D
Acq On : 16 Nov 2025 7:37 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

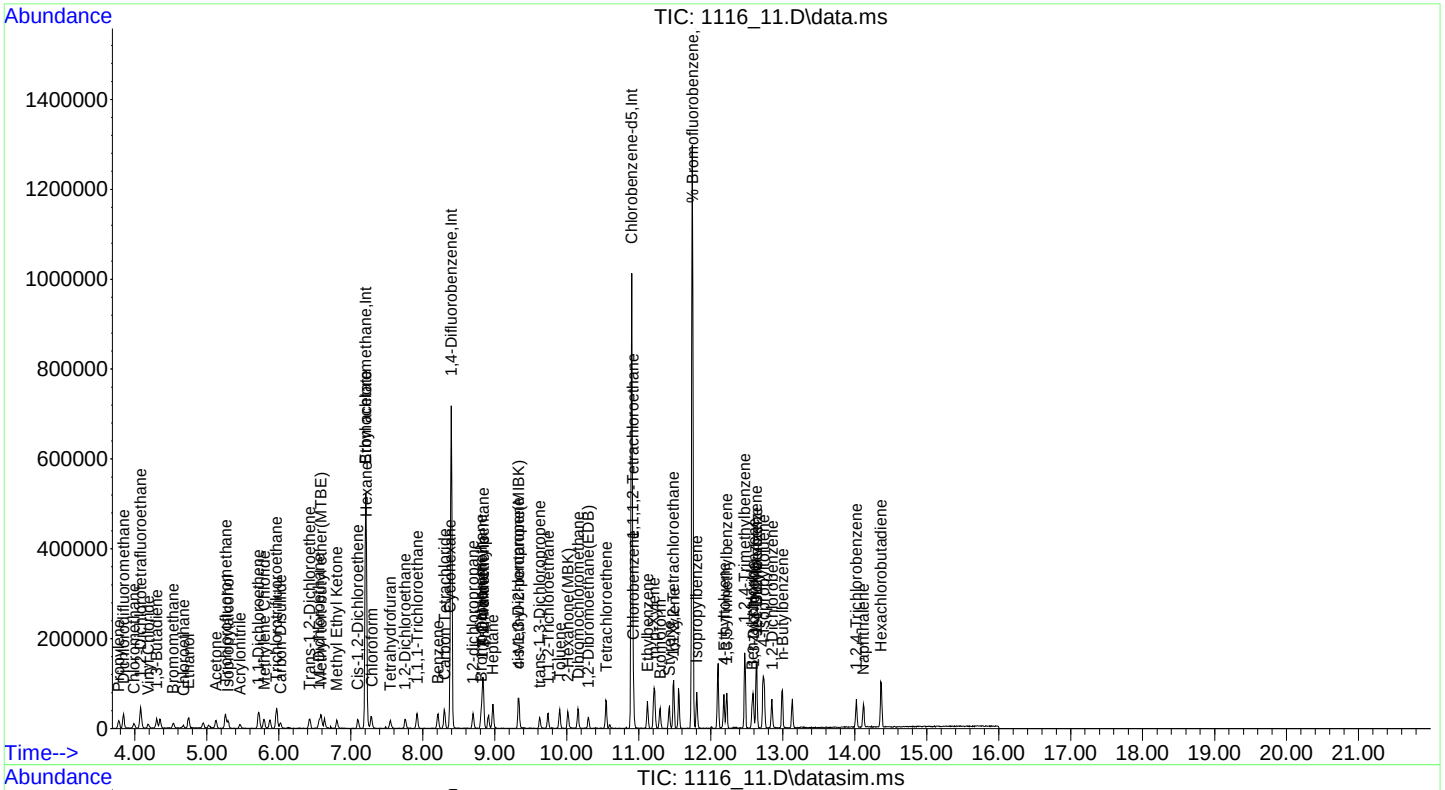
Quant Time: Nov 17 07:12:29 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

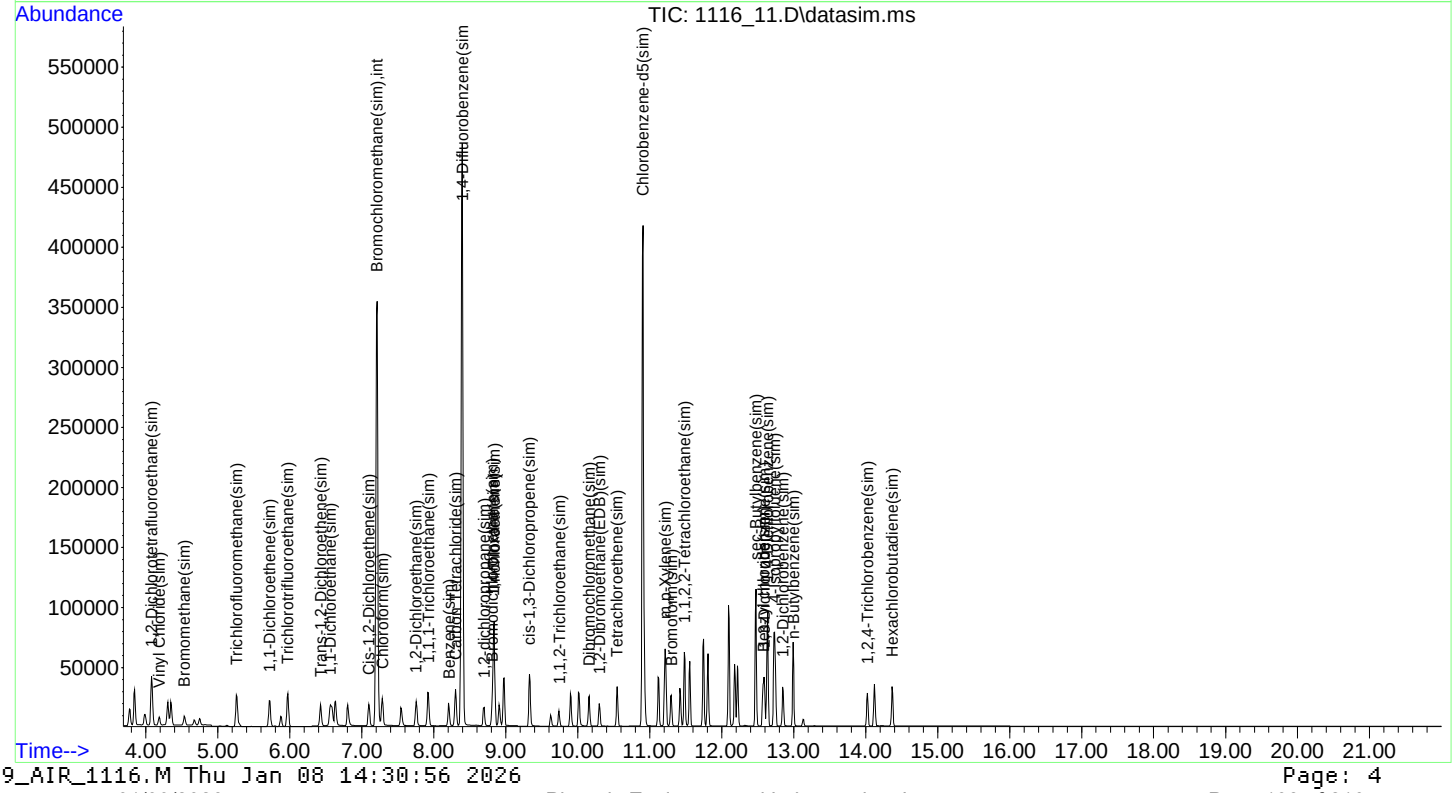
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	32605	0.459	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	45424	0.500	ppbv	98
114] 1,2-Dichlorobenzene(sim)	12.848	146	21575	0.454	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	35785	0.492	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	15330	0.371	ppbv	99
118] Hexachlorobutadiene(sim)	14.367	225	17134	0.576	ppbv	99

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

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_11.D
Acq On : 16 Nov 2025 7:37 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.5 ppbv
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 17 07:12:29 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_12.D
Acq On : 16 Nov 2025 8:16 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 17 07:12:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	110037	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	387484	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	195550	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	112078	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	387484	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	195478	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	280801	10.917	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.20%				
Target Compounds							Qvalue
2) Propylene	3.777	41	44183	2.355	ppbv		97
3) Dichlorodifluoromethane	3.842	85	120130	2.438	ppbv		97
4) Chloromethane	3.988	50	51185	2.439	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.077	85	92212	2.390	ppbv	#	87
6) Vinyl Chloride	4.183	62	37116	2.329	ppbv		99
7) 1,3-Butadiene	4.304	54	40579	2.511	ppbv		96
8) Bromomethane	4.532	94	30825	2.503	ppbv	#	97
9) Chloroethane	4.669	64	13740	2.207	ppbv		79
11) Ethanol	4.751	45	16340	2.325	ppbv		98
12) Acetone	5.121	43	96803	2.427	ppbv	#	88
13) Trichlorofluoromethane	5.262	101	120627	2.512	ppbv		99
14) Isopropylalcohol	5.293	45	92340	2.436	ppbv		96
15) Acrylonitrile	5.465	53	29962	2.426	ppbv		95
16) 1,1-Dichloroethene	5.713	61	75715	2.509	ppbv		90
17) Methylene Chloride	5.797	49	70567	2.414	ppbv	#	81
20) Carbon Disulfide	6.023	76	70580	2.470	ppbv		99
21) Trichlorotrifluoroethane	5.969	101	71307	2.463	ppbv		94
22) Trans-1,2-Dichloroethene	6.430	61	63990	2.503	ppbv		90
23) 1,1-Dichloroethane	6.560	63	68730	2.477	ppbv		95
24) Methyl tert-butyl ethe...	6.584	73	84525	2.496	ppbv		93
25) Methyl Ethyl Ketone	6.803	43	116140	2.527	ppbv	#	91
26) Cis-1,2-Dichloroethene	7.095	61	62778	2.496	ppbv	#	88
27) Hexane	7.217	57	70935	2.497	ppbv		90
28) Chloroform	7.282	83	74501	2.526	ppbv		94
29) Ethyl acetate	7.209	61	13085	2.479	ppbv	#	87
30) Tetrahydrofuran	7.541	42	55566	2.465	ppbv	#	89
31) 1,2-Dichloroethane	7.752	62	76967	2.541	ppbv		97
32) 1,1,1-Trichloroethane	7.923	97	89845	2.525	ppbv		97
33) Benzene	8.204	78	77094	2.457	ppbv	#	86
34) Carbon Tetrachloride	8.299	117	101850	2.459	ppbv		98
35) Cyclohexane	8.377	84	29143	2.292	ppbv	#	75
37) 1,2-dichloropropane	8.697	63	41328	2.436	ppbv	#	72
38) Bromodichloromethane	8.810	83	79546	2.415	ppbv		93
39) Trichloroethene	8.836	130	46901	2.422	ppbv	#	91
40) 2,2,4-trimethylpentane	8.836	57	225653	2.450	ppbv		95
41) 1,4-Dioxane	8.818	88	17206	2.360	ppbv		84
43) Heptane	8.974	43	106298	2.458	ppbv	#	90
44) cis-1,3-Dichloropropene	9.326	75	51500	2.358	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.326	43	142822	2.452	ppbv	#	95
46) trans-1,3-Dichloropropene	9.622	75	46690	2.432	ppbv		97
47) 1,1,2-Trichloroethane	9.735	97	36276	2.401	ppbv		90
48) Toluene	9.903	91	106433	2.398	ppbv	#	97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_12.D
Acq On : 16 Nov 2025 8:16 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 17 07:12:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	93768	2.413	ppbv	99
50) 2-Hexanone(MBK)	10.009	43	138066	2.498	ppbv	97
51) 1,2-Dibromoethane(EDB)	10.298	107	68355	2.467	ppbv	97
52) Tetrachloroethene	10.544	166	64475	2.409	ppbv	96
54) 1,1,1,2-Tetrachloroethane	10.910	131	64557	2.648	ppbv	98
55) Chlorobenzene	10.925	112	94874	2.693	ppbv	85
56) Ethylbenzene	11.122	91	147699	2.565	ppbv	96
57) m,p-Xylene	11.213	91	245358	5.293	ppbv	99
58) Bromoform	11.297	173	92375	2.524	ppbv	98
59) Styrene	11.426	104	83548	2.543	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.479	83	74024	2.546	ppbv#	87
61) o-Xylene	11.486	91	127010	2.589	ppbv	99
65) Isopropylbenzene	11.805	105	184373	2.592	ppbv	96
66) 4-Ethyltoluene	12.184	105	184961	2.588	ppbv	97
67) 1,3,5-Trimethylbenzene	12.222	105	165052	2.684	ppbv	97
68) 1,2,4-Trimethylbenzene	12.473	105	164366	2.584	ppbv	95
70) Benzyl chloride	12.572	91	124009	2.566	ppbv	98
71) 1,3-Dichlorobenzene	12.594	146	118312	2.595	ppbv	95
72) 1,4-Dichlorobenzene	12.632	146	114831	2.573	ppbv	98
73) sec-Butylbenzene	12.640	105	230496	2.561	ppbv	96
74) 4-Isopropyltoluene	12.731	119	232188	2.572	ppbv	100
75) 1,2-Dichlorobenzene	12.853	146	113173	2.617	ppbv	98
76) n-Butylbenzene	12.997	91	182138	2.501	ppbv#	96
77) 1,2,4-Trichlorobenzene	14.022	180	90271	2.740	ppbv	98
78) Naphthalene	14.121	128	185089	2.568	ppbv#	98
79) Hexachlorobutadiene	14.364	225	95783	2.664	ppbv	100
81] 1,2-Dichlorotetrafluor...	4.077	85	92212	2.358	ppbv	87
82] Vinyl Chloride(sim)	4.186	62	39267	2.293	ppbv	100
83] Bromomethane(sim)	4.532	94	30825	2.396	ppbv	97
84] Trichlorofluoromethane...	5.259	101	123213	2.396	ppbv#	100
85] 1,2-Dichloroethane(sim)	7.752	62	76967	2.443	ppbv	97
86] 1,1,1-Trichloroethane(...	7.925	97	92957	2.455	ppbv#	98
87] Benzene(sim)	8.204	78	77094	2.200	ppbv#	86
88] Carbon Tetrachloride(sim)	8.302	117	103334	2.563	ppbv	100
89] 1,1-Dichloroethene(sim)	5.713	61	75715	2.323	ppbv	90
90] Trichlorotrifluoroetha...	5.972	101	72681	2.364	ppbv#	98
91] Trans-1,2-Dichloroethe...	6.430	61	63990	2.393	ppbv	90
92] 1,1-Dichloroethane(sim)	6.563	63	73539	2.381	ppbv	99
93] Cis-1,2-Dichloroethene...	7.095	61	62778	2.326	ppbv#	88
94] Chloroform(sim)	7.285	83	74596	2.212	ppbv#	89
96] 1,2-dichloropropane(sim)	8.692	63	43508	2.334	ppbv#	67
97] Bromodichloromethane(sim)	8.810	83	79546	2.447	ppbv	95
98] Trichloroethene(sim)	8.839	130	48105	2.320	ppbv	93
99] 1,4-Dioxane(sim)	8.818	88	17206	2.506	ppbv	84
100] cis-1,3-Dichloropropen...	9.329	75	56220	2.562	ppbv	97
101] 1,1,2-Trichloroethane(...	9.735	97	36076	2.200	ppbv	91
102] Dibromochloromethane(sim)	10.160	129	92236	2.635	ppbv	100
103] 1,2-Dibromoethane(EDB)...	10.298	107	68352	2.517	ppbv	98
104] Tetrachloroethene(sim)	10.547	166	66940	2.397	ppbv	97
106] Bromoform(sim)	11.300	173	90443	2.531	ppbv	99
107] m,p-Xylene(sim)	11.213	91	246188	4.949	ppbv	99
108] 1,1,2,2-Tetrachloroeth...	11.482	83	76828	2.406	ppbv#	93
109] Benzyl chloride(sim)	12.572	91	124009	2.682	ppbv	98
110] 1,3-Dichlorobenzene(sim)	12.590	146	128284	2.515	ppbv	98
111] 1,4-Dichlorobenzene(sim)	12.632	146	114831	2.476	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_12.D
Acq On : 16 Nov 2025 8:16 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 17 07:12:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

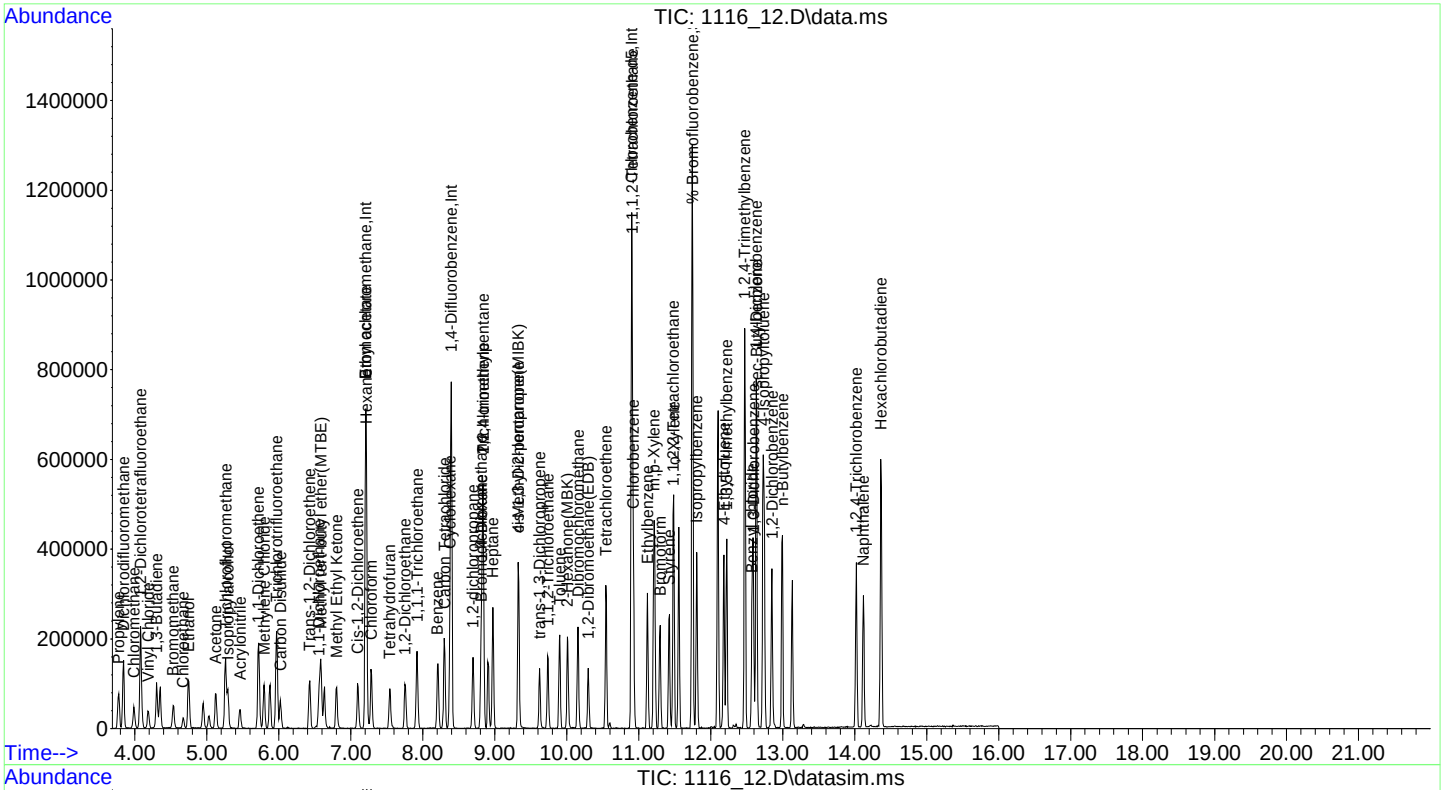
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	179108	2.483	ppbv	99
113] 4-Isopropyltoluene(sim)	12.731	119	232188	2.514	ppbv	100
114] 1,2-Dichlorobenzene(sim)	12.848	146	120694	2.497	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	182138	2.466	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	94980	2.264	ppbv	98
118] Hexachlorobutadiene(sim)	14.367	225	100075	3.311	ppbv	99

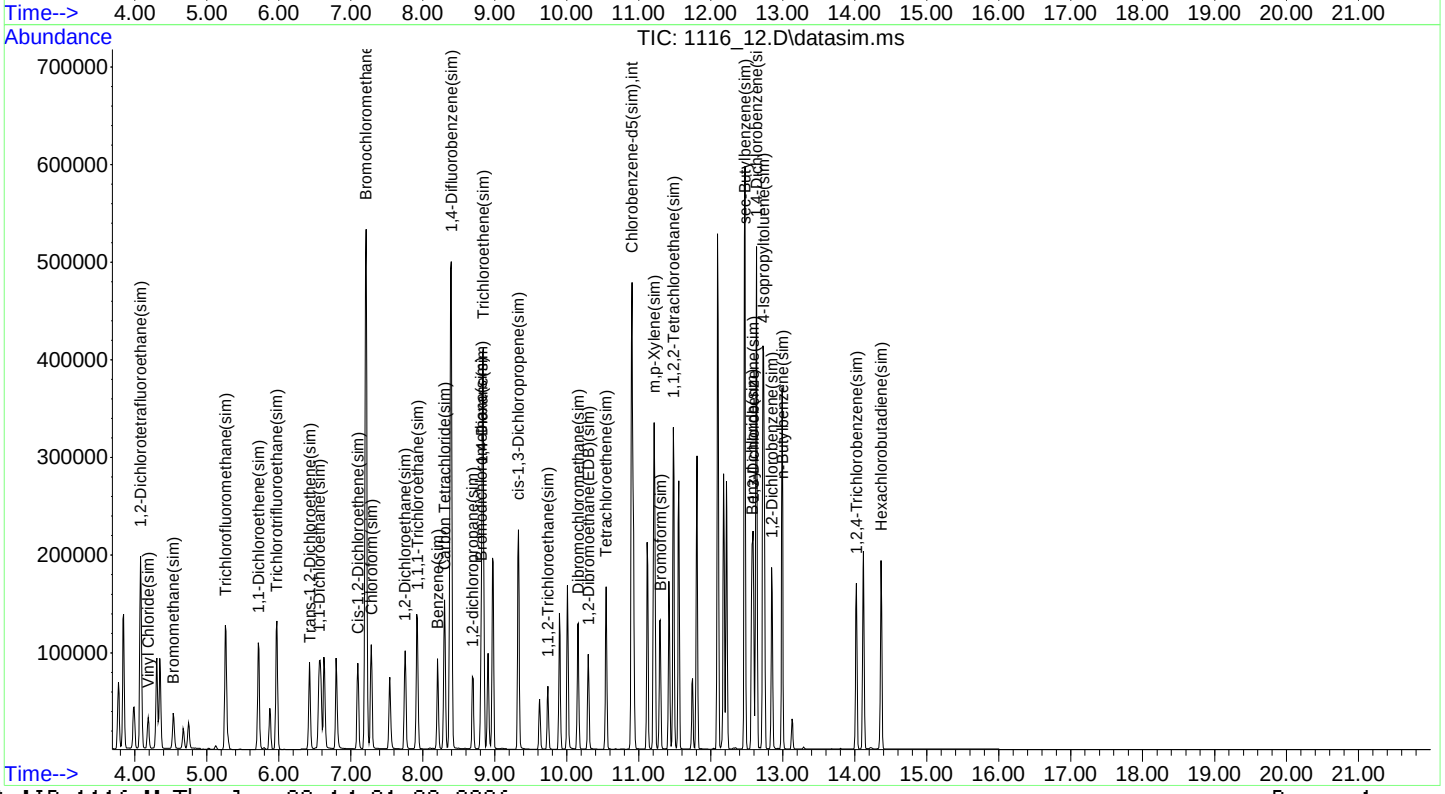
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_12.D
Acq On : 16 Nov 2025 8:16 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppbv
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 17 07:12:30 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_13.D
Acq On : 16 Nov 2025 8:53 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 17 07:12:31 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	107647	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	374982	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	196917	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	109112	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	374982	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	196915	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	279549	10.792	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.90%				
Target Compounds							Qvalue
2) Propylene	3.777	41	89311	4.866	ppbv		99
3) Dichlorodifluoromethane	3.850	85	245151	5.085	ppbv		98
4) Chloromethane	3.996	50	103115	5.023	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.085	85	193461	5.126	ppbv#		88
6) Vinyl Chloride	4.191	62	75547	4.846	ppbv		99
7) 1,3-Butadiene	4.312	54	79396	5.021	ppbv		94
8) Bromomethane	4.540	94	58026	4.816	ppbv#		95
9) Chloroethane	4.677	64	29057	4.771	ppbv		84
11) Ethanol	4.759	45	31643	4.602	ppbv		97
12) Acetone	5.127	43	182722	4.684	ppbv#		89
13) Trichlorofluoromethane	5.262	101	242605	5.165	ppbv		99
14) Isopropylalcohol	5.293	45	194285	5.239	ppbv		98
15) Acrylonitrile	5.465	53	59918	4.960	ppbv		95
16) 1,1-Dichloroethene	5.719	61	151931	5.147	ppbv		89
17) Methylene Chloride	5.803	49	141598	4.952	ppbv#		80
20) Carbon Disulfide	6.029	76	140870	5.040	ppbv		98
21) Trichlorotrifluoroethane	5.975	101	143835	5.079	ppbv		95
22) Trans-1,2-Dichloroethene	6.430	61	128318	5.130	ppbv		90
23) 1,1-Dichloroethane	6.568	63	138867	5.116	ppbv		95
24) Methyl tert-butyl ethe...	6.584	73	168479	5.085	ppbv		91
25) Methyl Ethyl Ketone	6.803	43	233313	5.189	ppbv#		94
26) Cis-1,2-Dichloroethene	7.103	61	125837	5.114	ppbv		87
27) Hexane	7.217	57	138535	4.985	ppbv		85
28) Chloroform	7.290	83	145767	5.053	ppbv		92
29) Ethyl acetate	7.209	61	26290	5.091	ppbv#		83
30) Tetrahydrofuran	7.541	42	111002	5.034	ppbv#		90
31) 1,2-Dichloroethane	7.760	62	154343	5.209	ppbv		98
32) 1,1,1-Trichloroethane	7.922	97	180811	5.193	ppbv		97
33) Benzene	8.213	78	155476	5.065	ppbv#		88
34) Carbon Tetrachloride	8.299	117	218717	5.398	ppbv		99
35) Cyclohexane	8.377	84	58613	4.712	ppbv#		74
37) 1,2-dichloropropane	8.697	63	82952	5.053	ppbv#		68
38) Bromodichloromethane	8.818	83	160863	5.046	ppbv		94
39) Trichloroethene	8.836	130	93666	4.998	ppbv		94
40) 2,2,4-trimethylpentane	8.836	57	455595	5.112	ppbv		94
41) 1,4-Dioxane	8.818	88	35909	5.089	ppbv		87
43) Heptane	8.974	43	211116	5.045	ppbv#		89
44) cis-1,3-Dichloropropene	9.326	75	107922	5.106	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.326	43	286737	5.086	ppbv#		94
46) trans-1,3-Dichloropropene	9.622	75	93297	5.022	ppbv		96
47) 1,1,2-Trichloroethane	9.742	97	73543	5.030	ppbv		90
48) Toluene	9.903	91	217328	5.061	ppbv#		96

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_13.D
Acq On : 16 Nov 2025 8:53 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 17 07:12:31 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	193997	5.159	ppbv	99
50)	2-Hexanone(MBK)	10.009	43	272290	5.091	ppbv	97
51)	1,2-Dibromoethane(EDB)	10.298	107	137972	5.147	ppbv	96
52)	Tetrachloroethene	10.544	166	132720	5.123	ppbv	98
54)	1,1,1,2-Tetrachloroethane	10.918	131	129345	5.268	ppbv	95
55)	Chlorobenzene	10.925	112	185583	5.230	ppbv	84
56)	Ethylbenzene	11.122	91	298234	5.142	ppbv	96
57)	m,p-Xylene	11.213	91	502764	10.771	ppbv	99
58)	Bromoform	11.297	173	196102	5.320	ppbv	99
59)	Styrene	11.426	104	178439	5.395	ppbv#	92
60)	1,1,2,2-Tetrachloroethane	11.486	83	152270	5.200	ppbv#	87
61)	o-Xylene	11.486	91	260159	5.267	ppbv	97
65)	Isopropylbenzene	11.805	105	374611	5.230	ppbv	97
66)	4-Ethyltoluene	12.184	105	375681	5.220	ppbv	96
67)	1,3,5-Trimethylbenzene	12.222	105	338250	5.462	ppbv	97
68)	1,2,4-Trimethylbenzene	12.473	105	345544	5.395	ppbv	97
70)	Benzyl chloride	12.572	91	261643	5.376	ppbv	97
71)	1,3-Dichlorobenzene	12.594	146	239632	5.220	ppbv	96
72)	1,4-Dichlorobenzene	12.632	146	234658	5.221	ppbv	99
73)	sec-Butylbenzene	12.640	105	485366	5.355	ppbv	97
74)	4-Isopropyltoluene	12.731	119	475610	5.231	ppbv	99
75)	1,2-Dichlorobenzene	12.853	146	226857	5.210	ppbv	98
76)	n-Butylbenzene	12.997	91	386241	5.266	ppbv#	96
77)	1,2,4-Trichlorobenzene	14.022	180	169623	5.113	ppbv	95
78)	Naphthalene	14.121	128	361251	4.977	ppbv#	98
79)	Hexachlorobutadiene	14.371	225	184118	5.085	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.085	85	193451	5.081	ppbv#	88
82]	Vinyl Chloride(sim)	4.194	62	80195	4.811	ppbv	99
83]	Bromomethane(sim)	4.540	94	58026	4.633	ppbv#	95
84]	Trichlorofluoromethane...	5.265	101	247811	4.950	ppbv#	99
85]	1,2-Dichloroethane(sim)	7.760	62	154343	5.031	ppbv	98
86]	1,1,1-Trichloroethane(...	7.925	97	188082	5.101	ppbv#	98
87]	Benzene(sim)	8.213	78	155476	4.557	ppbv#	88
88]	Carbon Tetrachloride(sim)	8.302	117	211563	5.389	ppbv	100
89]	1,1-Dichloroethene(sim)	5.719	61	151931	4.788	ppbv	89
90]	Trichlorotrifluoroetha...	5.978	101	146686	4.901	ppbv#	98
91]	Trans-1,2-Dichloroethe...	6.430	61	128318	4.930	ppbv	90
92]	1,1-Dichloroethane(sim)	6.563	63	148254	4.930	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.103	61	125837	4.789	ppbv	87
94]	Chloroform(sim)	7.285	83	150709	4.590	ppbv#	89
96]	1,2-dichloropropane(sim)	8.700	63	87822	4.869	ppbv#	68
97]	Bromodichloromethane(sim)	8.818	83	160742	5.109	ppbv	95
98]	Trichloroethene(sim)	8.839	130	97090	4.839	ppbv	93
99]	1,4-Dioxane(sim)	8.818	88	35909	5.404	ppbv	86
100]	cis-1,3-Dichloropropen...	9.329	75	115440	5.437	ppbv	97
101]	1,1,2-Trichloroethane(...	9.742	97	73351	4.623	ppbv	90
102]	Dibromochloromethane(sim)	10.160	129	190885	5.634	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.298	107	137972	5.249	ppbv	97
104]	Tetrachloroethene(sim)	10.547	166	134200	4.965	ppbv	97
106]	Bromoform(sim)	11.300	173	190473	5.292	ppbv	99
107]	m,p-Xylene(sim)	11.213	91	502764	10.033	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.482	83	155690	4.840	ppbv#	93
109]	Benzyl chloride(sim)	12.572	91	261643	5.617	ppbv	97
110]	1,3-Dichlorobenzene(sim)	12.590	146	261811	5.094	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	234658	5.022	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_13.D
Acq On : 16 Nov 2025 8:53 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 17 07:12:31 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

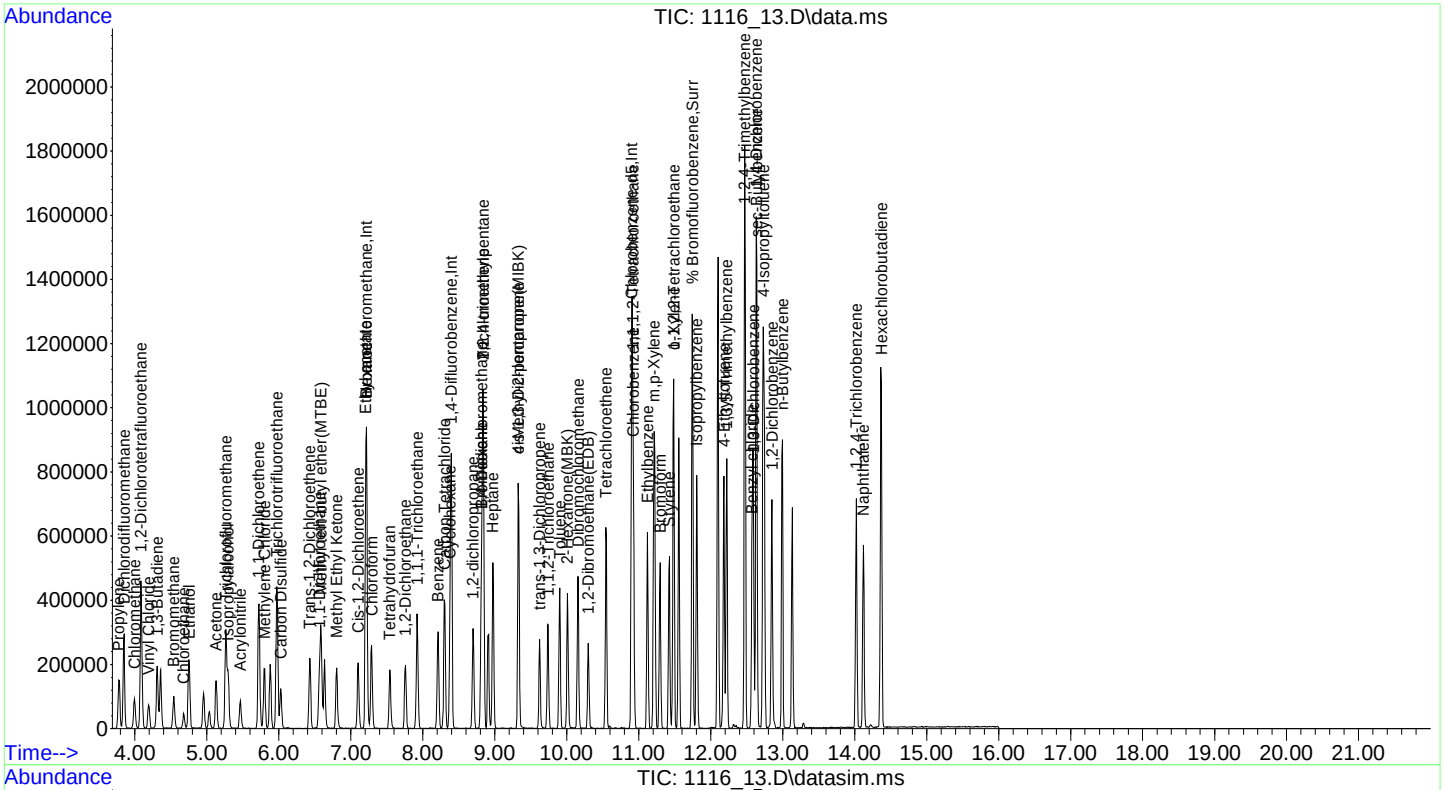
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	368088	5.065	ppbv	99
113] 4-Isopropyltoluene(sim)	12.731	119	475610	5.111	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.848	146	244645	5.024	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	386241	5.191	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	186723	4.419	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	193502	6.356	ppbv	99

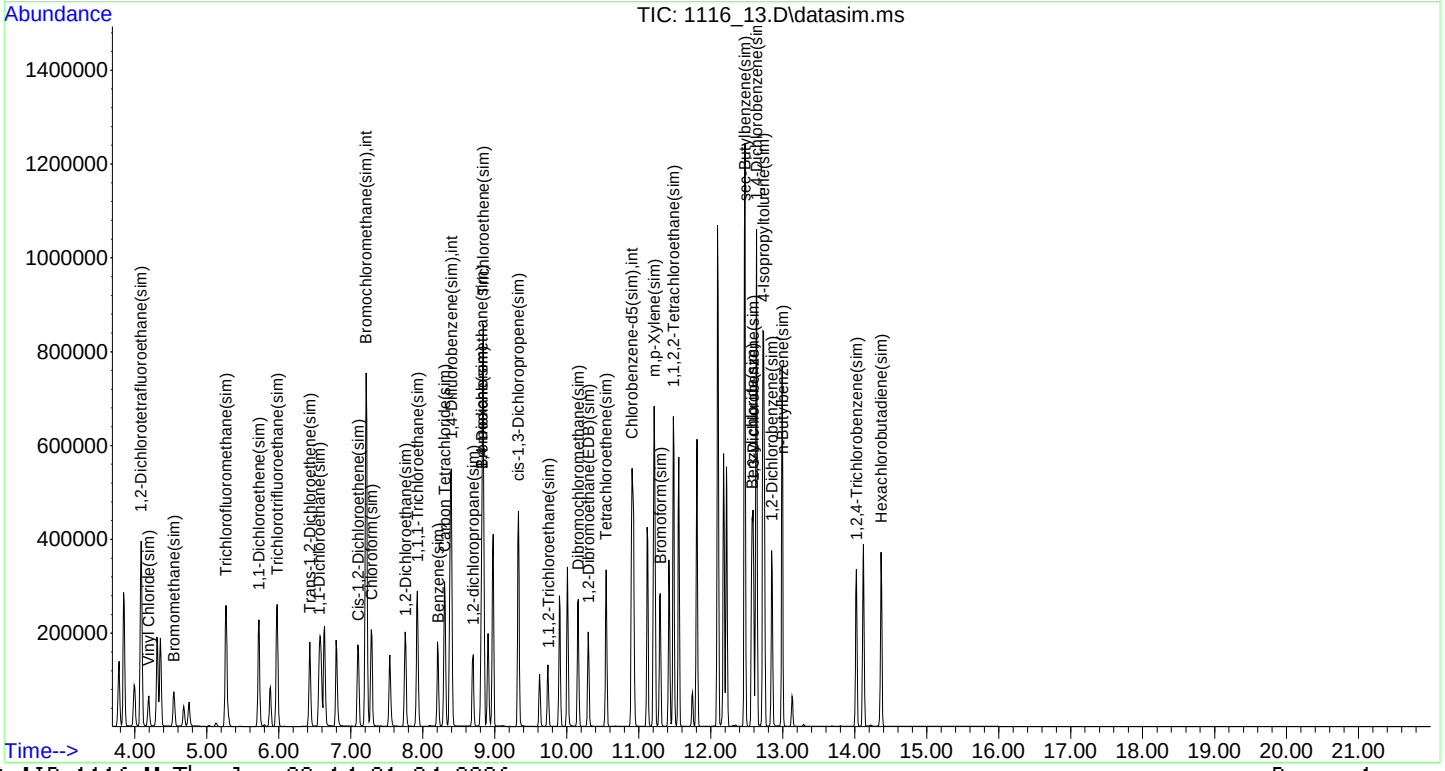
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_13.D
Acq On : 16 Nov 2025 8:53 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppbv
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 17 07:12:31 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_14.D
Acq On : 16 Nov 2025 9:32 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 07:12:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	114483	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	383689	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	241811	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	111823	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	383689	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	241811	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	298532	9.386	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.90%				
Target Compounds							Qvalue
2) Propylene	3.777	41	451137	23.114	ppbv		97
3) Dichlorodifluoromethane	3.842	85	1243777	24.258	ppbv		97
4) Chloromethane	3.988	50	521406	23.884	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.077	85	978327	24.372	ppbv#		87
6) Vinyl Chloride	4.191	62	394117	23.772	ppbv		97
7) 1,3-Butadiene	4.304	54	408158	24.273	ppbv		92
8) Bromomethane	4.539	94	298185	23.269	ppbv#		95
9) Chloroethane	4.677	64	152989	23.621	ppbv		87
11) Ethanol	4.750	45	154038	21.063	ppbv		96
12) Acetone	5.121	43	903151	21.768	ppbv		90
13) Trichlorofluoromethane	5.262	101	1221341	24.450	ppbv		99
14) Isopropylalcohol	5.293	45	980044	24.851	ppbv		98
15) Acrylonitrile	5.465	53	309452	24.087	ppbv		96
16) 1,1-Dichloroethene	5.719	61	764868	24.362	ppbv		90
17) Methylene Chloride	5.797	49	690670	22.712	ppbv#		81
20) Carbon Disulfide	6.023	76	718787	24.181	ppbv		99
21) Trichlorotrifluoroethane	5.969	101	725272	24.080	ppbv		95
22) Trans-1,2-Dichloroethene	6.430	61	651165	24.478	ppbv		92
23) 1,1-Dichloroethane	6.560	63	709412	24.577	ppbv		95
24) Methyl tert-butyl ethe...	6.584	73	885561	25.131	ppbv		93
25) Methyl Ethyl Ketone	6.795	43	1186633	24.817	ppbv#		93
26) Cis-1,2-Dichloroethene	7.103	61	642273	24.542	ppbv		89
27) Hexane	7.217	57	716761	24.251	ppbv		88
28) Chloroform	7.290	83	743910	24.248	ppbv		93
29) Ethyl acetate	7.209	61	136669	24.884	ppbv#		83
30) Tetrahydrofuran	7.541	42	580053	24.733	ppbv#		90
31) 1,2-Dichloroethane	7.760	62	779191	24.726	ppbv		97
32) 1,1,1-Trichloroethane	7.922	97	929066	25.092	ppbv		98
33) Benzene	8.213	78	781632	23.944	ppbv#		86
34) Carbon Tetrachloride	8.299	117	1120807	26.010	ppbv		99
35) Cyclohexane	8.386	84	297533	22.492	ppbv#		78
37) 1,2-dichloropropane	8.697	63	417478	24.853	ppbv#		69
38) Bromodichloromethane	8.818	83	852901	26.149	ppbv		94
39) Trichloroethene	8.836	130	500786	26.114	ppbv		94
40) 2,2,4-trimethylpentane	8.844	57	2330933	25.561	ppbv		95
41) 1,4-Dioxane	8.818	88	191910	26.583	ppbv		90
43) Heptane	8.974	43	1081071	25.247	ppbv#		90
44) cis-1,3-Dichloropropene	9.333	75	572752	26.481	ppbv		93
45) 4-Methyl-2-pentanone(M...	9.326	43	1467856	25.446	ppbv		96
46) trans-1,3-Dichloropropene	9.622	75	516525	27.172	ppbv		97
47) 1,1,2-Trichloroethane	9.741	97	378404	25.294	ppbv		89
48) Toluene	9.903	91	1126169	25.629	ppbv		97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_14.D
Acq On : 16 Nov 2025 9:32 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 07:12:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	1032579	26.839	ppbv	99
50)	2-Hexanone(MBK)	10.009	43	1432274	26.170	ppbv	99
51)	1,2-Dibromoethane(EDB)	10.297	107	711585	25.941	ppbv	96
52)	Tetrachloroethene	10.551	166	691740	26.098	ppbv	98
54)	1,1,1,2-Tetrachloroethane	10.917	131	687216	22.794	ppbv	96
55)	Chlorobenzene	10.933	112	970173	22.267	ppbv#	83
56)	Ethylbenzene	11.122	91	1581362	22.205	ppbv	97
57)	m,p-Xylene	11.221	91	2658897	46.386	ppbv	98
58)	Bromoform	11.297	173	1107343	24.463	ppbv	99
59)	Styrene	11.426	104	969088	23.858	ppbv	94
60)	1,1,2,2-Tetrachloroethane	11.486	83	817358	22.732	ppbv#	86
61)	o-Xylene	11.486	91	1424620	23.485	ppbv	98
65)	Isopropylbenzene	11.812	105	2010681	22.861	ppbv	96
66)	4-Ethyltoluene	12.184	105	2179951	24.668	ppbv	98
67)	1,3,5-Trimethylbenzene	12.222	105	1742343	22.911	ppbv	93
68)	1,2,4-Trimethylbenzene	12.480	105	1962366	24.950	ppbv	97
70)	Benzyl chloride	12.579	91	1526789	25.548	ppbv	96
71)	1,3-Dichlorobenzene	12.594	146	1414861	25.098	ppbv	95
72)	1,4-Dichlorobenzene	12.632	146	1278566	23.164	ppbv	98
73)	sec-Butylbenzene	12.640	105	2728054	24.511	ppbv	96
74)	4-Isopropyltoluene	12.731	119	2704847	24.226	ppbv	100
75)	1,2-Dichlorobenzene	12.852	146	1281595	23.970	ppbv	98
76)	n-Butylbenzene	12.997	91	2227459	24.733	ppbv#	96
77)	1,2,4-Trichlorobenzene	14.022	180	1031670	25.326	ppbv	96
78)	Naphthalene	14.121	128	2174286	24.395	ppbv#	98
79)	Hexachlorobutadiene	14.371	225	1085606	24.416	ppbv	100
81]	1,2-Dichlorotetrafluor...	4.077	85	978155	25.069	ppbv#	87
82]	Vinyl Chloride(sim)	4.185	62	411424	24.083	ppbv	100
83]	Bromomethane(sim)	4.539	94	298185	23.230	ppbv#	95
84]	Trichlorofluoromethane...	5.265	101	1239089	24.152	ppbv#	99
85]	1,2-Dichloroethane(sim)	7.760	62	779191	24.785	ppbv	97
86]	1,1,1-Trichloroethane(...	7.925	97	959902	25.404	ppbv#	98
87]	Benzene(sim)	8.213	78	781632	22.352	ppbv#	86
88]	Carbon Tetrachloride(sim)	8.302	117	1092489	27.154	ppbv	100
89]	1,1-Dichloroethene(sim)	5.719	61	764868	23.520	ppbv	90
90]	Trichlorotrifluoroetha...	5.972	101	739798	24.118	ppbv#	98
91]	Trans-1,2-Dichloroethe...	6.430	61	651165	24.411	ppbv	92
92]	1,1-Dichloroethane(sim)	6.563	63	742582	24.094	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.103	61	642273	23.850	ppbv	89
94]	Chloroform(sim)	7.285	83	759205	22.564	ppbv#	89
96]	1,2-dichloropropane(sim)	8.700	63	443299	24.019	ppbv#	69
97]	Bromodichloromethane(sim)	8.818	83	852901	26.495	ppbv	96
98]	Trichloroethene(sim)	8.838	130	507906	24.741	ppbv	94
99]	1,4-Dioxane(sim)	8.818	88	191910	28.228	ppbv	90
100]	cis-1,3-Dichloropropen...	9.329	75	615308	28.323	ppbv	97
101]	1,1,2-Trichloroethane(...	9.741	97	378404	23.307	ppbv	89
102]	Dibromochloromethane(sim)	10.160	129	1009229	29.113	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.297	107	711585	26.459	ppbv	96
104]	Tetrachloroethene(sim)	10.547	166	689225	24.920	ppbv	97
106]	Bromoform(sim)	11.300	173	1065936	24.116	ppbv	100
107]	m,p-Xylene(sim)	11.221	91	2661528	43.251	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.482	83	836528	21.176	ppbv#	93
109]	Benzyl chloride(sim)	12.579	91	1525868	26.676	ppbv	96
110]	1,3-Dichlorobenzene(sim)	12.597	146	1420333	22.506	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	1279216	22.295	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_14.D
Acq On : 16 Nov 2025 9:32 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 07:12:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

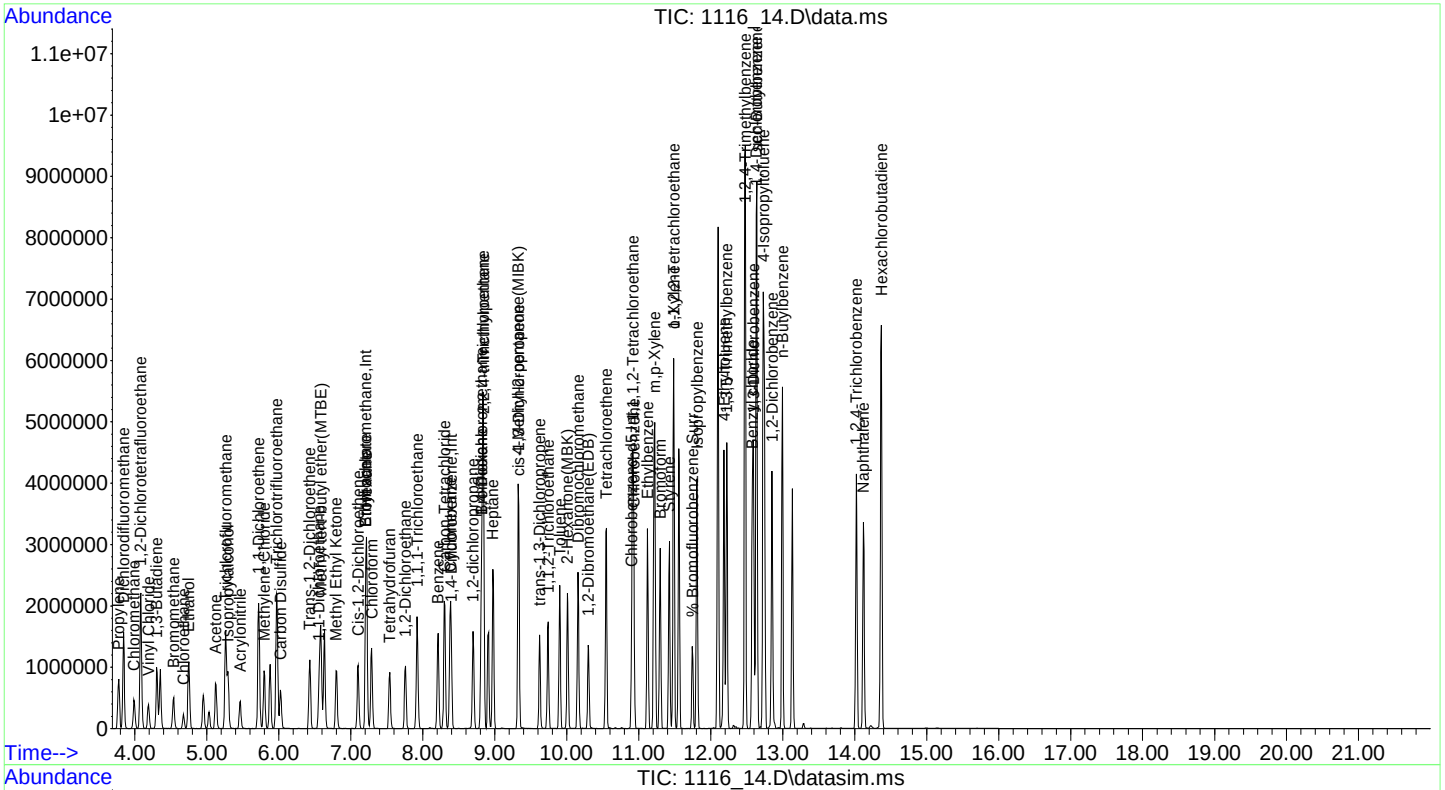
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	2079753	23.305	ppbv	99
113] 4-Isopropyltoluene(sim)	12.731	119	2704847	23.671	ppbv	100
114] 1,2-Dichlorobenzene(sim)	12.855	146	1359882	22.741	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	2227249	24.375	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	1106009	21.313	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	1117399	29.887	ppbv	99

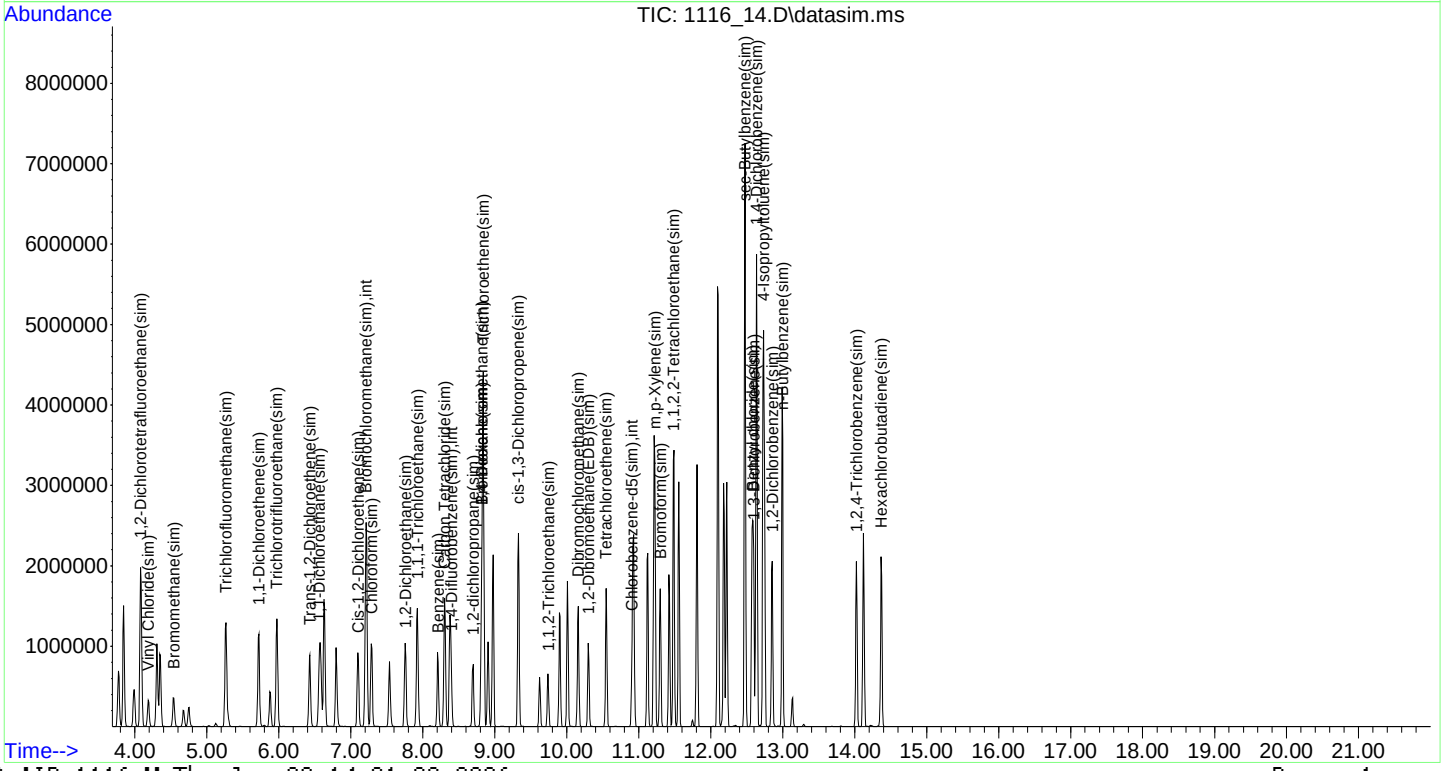
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_14.D
Acq On : 16 Nov 2025 9:32 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppbv
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 17 07:12:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_15.D
Acq On : 16 Nov 2025 10:14 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 17 07:12:33 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	120836	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	417551	10.000	ng		0.00
53) Chlorobenzene-d5	10.910	82	289648	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	120427	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	417551	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.910	82	289723	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	319166	8.377	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.80%				
Target Compounds							Qvalue
2) Propylene	3.785	41	827166	40.151	ppbv		99
3) Dichlorodifluoromethane	3.850	85	2169495	40.089	ppbv		97
4) Chloromethane	3.996	50	943918	40.965	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.085	85	1770728	41.793	ppbv#		86
6) Vinyl Chloride	4.191	62	723312	41.334	ppbv		98
7) 1,3-Butadiene	4.313	54	743447	41.887	ppbv		94
8) Bromomethane	4.540	94	546569	40.409	ppbv		95
9) Chloroethane	4.678	64	274355	40.133	ppbv		90
11) Ethanol	4.759	45	268524	34.787	ppbv		95
12) Acetone	5.127	43	1526955	34.868	ppbv		91
13) Trichlorofluoromethane	5.269	101	2052097	38.921	ppbv		99
14) Isopropylalcohol	5.299	45	1651520	39.676	ppbv		99
15) Acrylonitrile	5.465	53	536028	39.529	ppbv		97
16) 1,1-Dichloroethene	5.719	61	1304935	39.379	ppbv		90
17) Methylene Chloride	5.803	49	1177795	36.694	ppbv#		82
20) Carbon Disulfide	6.029	76	1249827	39.836	ppbv		99
21) Trichlorotrifluoroethane	5.975	101	1256040	39.509	ppbv		96
22) Trans-1,2-Dichloroethene	6.430	61	1115629	39.732	ppbv		92
23) 1,1-Dichloroethane	6.568	63	1210201	39.723	ppbv		96
24) Methyl tert-butyl ethe...	6.584	73	1523933	40.973	ppbv		97
25) Methyl Ethyl Ketone	6.803	43	2021318	40.051	ppbv#		93
26) Cis-1,2-Dichloroethene	7.103	61	1092490	39.551	ppbv#		90
27) Hexane	7.225	57	1215803	38.974	ppbv		89
28) Chloroform	7.290	83	1265278	39.073	ppbv		93
29) Ethyl acetate	7.209	61	234591	40.467	ppbv#		85
30) Tetrahydrofuran	7.541	42	986167	39.839	ppbv#		91
31) 1,2-Dichloroethane	7.760	62	1303441	39.188	ppbv		96
32) 1,1,1-Trichloroethane	7.923	97	1558886	39.889	ppbv		97
33) Benzene	8.213	78	1356472	39.368	ppbv#		89
34) Carbon Tetrachloride	8.308	117	1864647	40.997	ppbv		100
35) Cyclohexane	8.386	84	511099	36.606	ppbv#		79
37) 1,2-dichloropropane	8.697	63	721140	39.448	ppbv#		74
38) Bromodichloromethane	8.818	83	1457276	41.056	ppbv		95
39) Trichloroethene	8.836	130	851158	40.786	ppbv		94
40) 2,2,4-trimethylpentane	8.844	57	3904222	39.342	ppbv		95
41) 1,4-Dioxane	8.818	88	325232	41.396	ppbv		87
43) Heptane	8.974	43	1814981	38.950	ppbv#		92
44) cis-1,3-Dichloropropene	9.333	75	1002689	42.600	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.326	43	2410502	38.398	ppbv		98
46) trans-1,3-Dichloropropene	9.622	75	890855	43.063	ppbv		98
47) 1,1,2-Trichloroethane	9.742	97	647113	39.747	ppbv		90
48) Toluene	9.903	91	1946674	40.709	ppbv		97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_15.D
Acq On : 16 Nov 2025 10:14 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 17 07:12:33 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	1769221	42.256	ppbv	99
50)	2-Hexanone(MBK)	10.016	43	2377046	39.910	ppbv	99
51)	1,2-Dibromoethane(EDB)	10.305	107	1231498	41.254	ppbv	97
52)	Tetrachloroethene	10.551	166	1179063	40.876	ppbv	97
54)	1,1,1,2-Tetrachloroethane	10.918	131	1178711	32.639	ppbv	96
55)	Chlorobenzene	10.933	112	1653793	31.688	ppbv	84
56)	Ethylbenzene	11.122	91	2674915	31.357	ppbv	96
57)	m,p-Xylene	11.221	91	4498803	65.522	ppbv	97
58)	Bromoform	11.297	173	1914243	35.305	ppbv	98
59)	Styrene	11.426	104	1674847	34.424	ppbv	94
60)	1,1,2,2-Tetrachloroethane	11.486	83	1441851	33.478	ppbv#	87
61)	o-Xylene	11.486	91	2456218	33.804	ppbv	98
65)	Isopropylbenzene	11.812	105	3381720	32.099	ppbv	95
66)	4-Ethyltoluene	12.184	105	3650380	34.485	ppbv	96
67)	1,3,5-Trimethylbenzene	12.222	105	2984225	32.760	ppbv	96
68)	1,2,4-Trimethylbenzene	12.480	105	3353662	35.597	ppbv	97
70)	Benzyl chloride	12.579	91	2660807	37.170	ppbv	96
71)	1,3-Dichlorobenzene	12.594	146	2380068	35.247	ppbv	97
72)	1,4-Dichlorobenzene	12.632	146	2213090	33.473	ppbv	99
73)	sec-Butylbenzene	12.640	105	4536210	34.026	ppbv	95
74)	4-Isopropyltoluene	12.731	119	4489240	33.568	ppbv	98
75)	1,2-Dichlorobenzene	12.853	146	2177524	34.000	ppbv	98
76)	n-Butylbenzene	12.997	91	3696685	34.268	ppbv#	94
77)	1,2,4-Trichlorobenzene	14.022	180	1766026	36.193	ppbv	96
78)	Naphthalene	14.121	128	3650796	34.197	ppbv#	97
79)	Hexachlorobutadiene	14.371	225	1855557	34.840	ppbv	99
81]	1,2-Dichlorotetrafluor...	4.085	85	1770051	42.123	ppbv#	86
82]	Vinyl Chloride(sim)	4.194	62	760336	41.328	ppbv	100
83]	Bromomethane(sim)	4.540	94	546569	39.539	ppbv	96
84]	Trichlorofluoromethane...	5.265	101	2064815	37.372	ppbv#	99
85]	1,2-Dichloroethane(sim)	7.760	62	1303441	38.498	ppbv	96
86]	1,1,1-Trichloroethane(...	7.925	97	1598130	39.273	ppbv#	98
87]	Benzene(sim)	8.213	78	1356472	36.019	ppbv#	89
88]	Carbon Tetrachloride(sim)	8.302	117	1822925	42.071	ppbv	99
89]	1,1-Dichloroethene(sim)	5.719	61	1304935	37.261	ppbv	90
90]	Trichlorotrifluoroetha...	5.978	101	1268083	38.387	ppbv#	98
91]	Trans-1,2-Dichloroethe...	6.430	61	1115629	38.835	ppbv	92
92]	1,1-Dichloroethane(sim)	6.563	63	1266293	38.150	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.103	61	1092490	37.669	ppbv#	90
94]	Chloroform(sim)	7.293	83	1283878	35.431	ppbv#	90
96]	1,2-dichloropropane(sim)	8.700	63	758368	37.758	ppbv#	73
97]	Bromodichloromethane(sim)	8.818	83	1457276	41.599	ppbv	96
98]	Trichloroethene(sim)	8.839	130	863048	38.632	ppbv	94
99]	1,4-Dioxane(sim)	8.818	88	325232	43.958	ppbv	87
100]	cis-1,3-Dichloropropen...	9.329	75	1064499	45.025	ppbv	97
101]	1,1,2-Trichloroethane(...	9.742	97	646641	36.599	ppbv	90
102]	Dibromochloromethane(sim)	10.160	129	1717298	45.522	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.305	107	1231309	42.071	ppbv	97
104]	Tetrachloroethene(sim)	10.547	166	1170364	38.885	ppbv	97
106]	Bromoform(sim)	11.300	173	1837488	34.697	ppbv	99
107]	m,p-Xylene(sim)	11.221	91	4503322	61.078	ppbv	97
108]	1,1,2,2-Tetrachloroeth...	11.482	83	1471485	31.089	ppbv#	93
109]	Benzyl chloride(sim)	12.579	91	2660807	38.825	ppbv	96
110]	1,3-Dichlorobenzene(sim)	12.597	146	2375797	31.421	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	2212967	32.190	ppbv	99

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_15.D
Acq On : 16 Nov 2025 10:14 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 17 07:12:33 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration

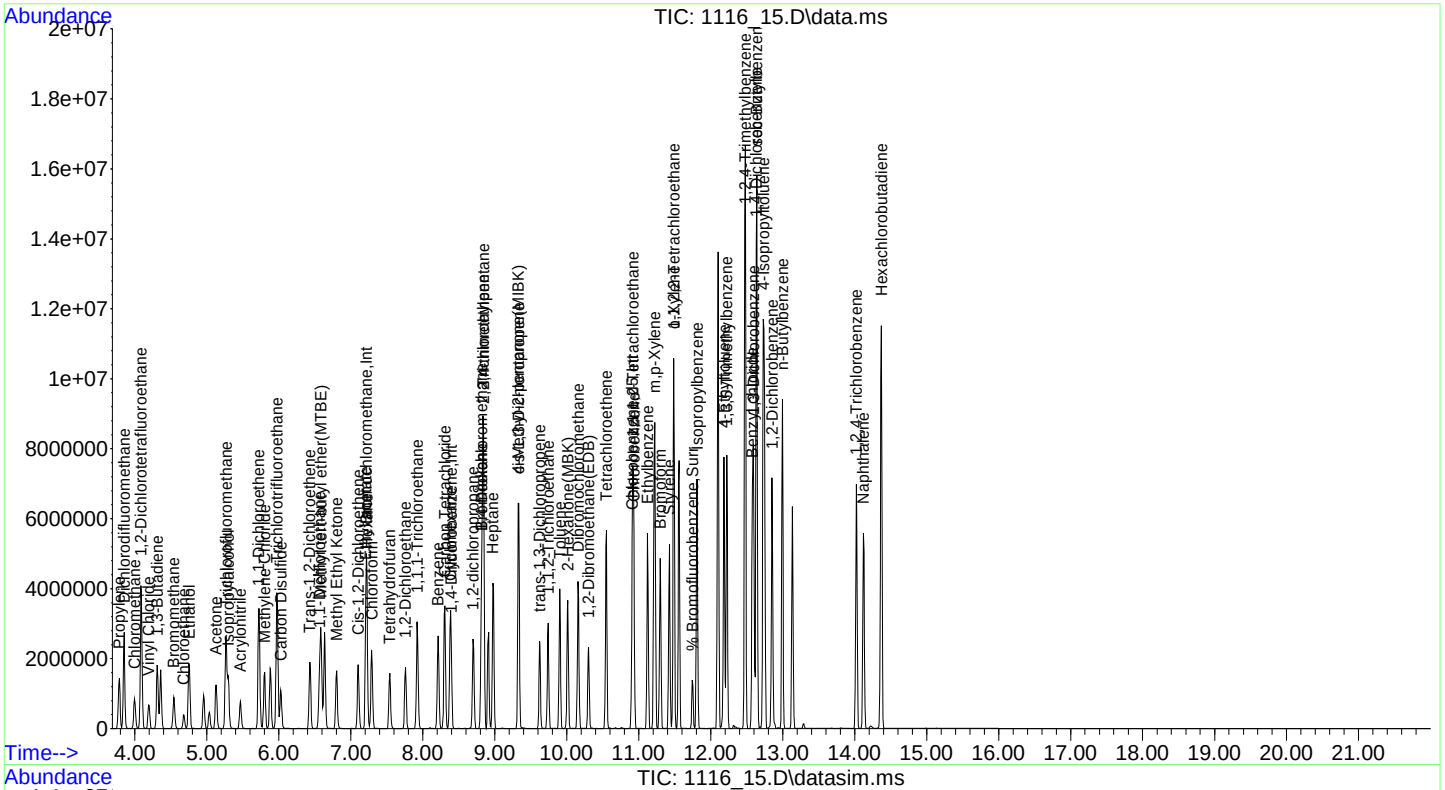
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	3495228	32.690	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	4490710	32.800	ppbv	98
114] 1,2-Dichlorobenzene(sim)	12.855	146	2278170	31.798	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	3696685	33.767	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	1879348	30.227	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	1896016	42.326	ppbv	99

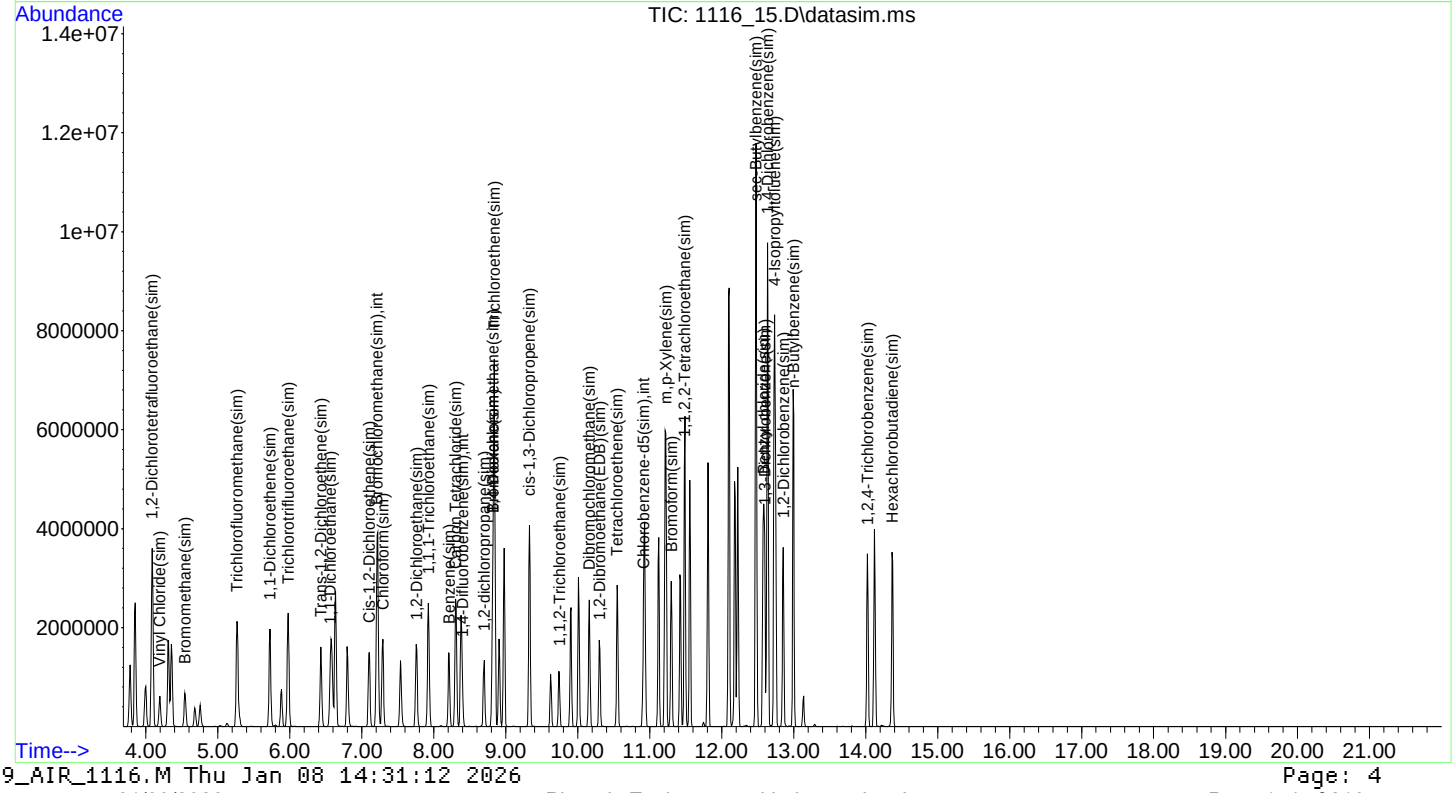
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_15.D
Acq On : 16 Nov 2025 10:14 pm
Operator :
Client ID : ICAL 40
Lab ID : 40 ppbv
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 17 07:12:33 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Wed Nov 05 08:52:02 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_16.D
Acq On : 16 Nov 2025 10:51 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 17 10:37:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	121984	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	420075	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	206677	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	121375	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	420075	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	206747	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	293369	10.400	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
2) Propylene	3.785	41	22189	1.067	ppbv		98
3) Dichlorodifluoromethane	3.850	85	54999	1.007	ppbv		96
4) Chloromethane	3.996	50	25592	1.100	ppbv		97
5) 1,2-Dichlorotetrafluor...	4.085	85	45652	1.067	ppbv	#	84
6) Vinyl Chloride	4.199	62	18408	1.042	ppbv		99
7) 1,3-Butadiene	4.312	54	19179	1.070	ppbv	#	94
8) Bromomethane	4.540	94	14183	1.039	ppbv	#	97
9) Chloroethane	4.686	64	8471	1.227	ppbv		95
11) Ethanol	4.759	45	9468	1.215	ppbv		94
12) Acetone	5.133	43	45056	1.019	ppbv		94
13) Trichlorofluoromethane	5.268	101	51795	0.973	ppbv		99
14) Isopropylalcohol	5.299	45	43860	1.044	ppbv		95
15) Acrylonitrile	5.465	53	13991	1.022	ppbv		93
16) 1,1-Dichloroethene	5.719	61	32666	0.976	ppbv		94
17) Methylene Chloride	5.802	49	32311	0.997	ppbv	#	81
20) Carbon Disulfide	6.029	76	32107	1.014	ppbv		100
21) Trichlorotrifluoroethane	5.975	101	33127	1.032	ppbv		96
22) Trans-1,2-Dichloroethene	6.430	61	28760	1.015	ppbv		92
23) 1,1-Dichloroethane	6.568	63	31311	1.018	ppbv		96
24) Methyl tert-butyl ethe...	6.592	73	38717	1.031	ppbv		96
25) Methyl Ethyl Ketone	6.803	43	54062	1.061	ppbv	#	93
26) Cis-1,2-Dichloroethene	7.103	61	27935	1.002	ppbv	#	89
27) Hexane	7.225	57	30663	0.974	ppbv		86
28) Chloroform	7.290	83	32220	0.986	ppbv		93
29) Ethyl acetate	7.217	61	6087	1.040	ppbv	#	79
30) Tetrahydrofuran	7.549	42	25539	1.022	ppbv	#	88
31) 1,2-Dichloroethane	7.760	62	33170	0.988	ppbv		97
32) 1,1,1-Trichloroethane	7.922	97	38855	0.985	ppbv		98
33) Benzene	8.213	78	36792	1.058	ppbv	#	91
34) Carbon Tetrachloride	8.308	117	44953	0.979	ppbv		98
35) Cyclohexane	8.386	84	13913	0.987	ppbv	#	74
37) 1,2-dichloropropane	8.697	63	19925	1.083	ppbv	#	80
38) Bromodichloromethane	8.818	83	35215	0.986	ppbv		94
39) Trichloroethene	8.836	130	20771	0.989	ppbv		93
40) 2,2,4-trimethylpentane	8.836	57	100906	1.011	ppbv		96
41) 1,4-Dioxane	8.827	88	8452	1.069	ppbv		87
43) Heptane	8.974	43	48502	1.035	ppbv	#	87
44) cis-1,3-Dichloropropene	9.333	75	23834	1.007	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.333	43	63644	1.008	ppbv		95
46) trans-1,3-Dichloropropene	9.622	75	21095	1.014	ppbv		96
47) 1,1,2-Trichloroethane	9.741	97	16722	1.021	ppbv		89
48) Toluene	9.903	91	48047	0.999	ppbv	#	97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_16.D
Acq On : 16 Nov 2025 10:51 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 17 10:37:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	39757	0.944	ppbv	99
50) 2-Hexanone(MBK)	10.016	43	60501	1.010	ppbv	96
51) 1,2-Dibromoethane(EDB)	10.305	107	29867	0.994	ppbv	96
52) Tetrachloroethene	10.544	166	28662	0.988	ppbv	95
54) 1,1,1,2-Tetrachloroethane	10.918	131	27248	1.057	ppbv	98
55) Chlorobenzene	10.933	112	38528	1.035	ppbv	95
56) Ethylbenzene	11.122	91	66971	1.100	ppbv	97
57) m,p-Xylene	11.213	91	106054	2.165	ppbv	97
58) Bromoform	11.297	173	41482	1.072	ppbv	98
59) Styrene	11.426	104	38052	1.096	ppbv#	92
60) 1,1,2,2-Tetrachloroethane	11.486	83	34978	1.138	ppbv#	92
61) o-Xylene	11.486	91	55662	1.074	ppbv	98
65) Isopropylbenzene	11.805	105	82085	1.092	ppbv	98
66) 4-Ethyltoluene	12.184	105	80589	1.067	ppbv	98
67) 1,3,5-Trimethylbenzene	12.222	105	67673	1.041	ppbv	95
68) 1,2,4-Trimethylbenzene	12.473	105	70033	1.042	ppbv	95
70) Benzyl chloride	12.571	91	60152	1.178	ppbv	95
71) 1,3-Dichlorobenzene	12.594	146	52047	1.080	ppbv	95
72) 1,4-Dichlorobenzene	12.632	146	52767	1.118	ppbv	98
73) sec-Butylbenzene	12.640	105	95206	1.001	ppbv	96
74) 4-Isopropyltoluene	12.731	119	98899	1.036	ppbv	99
75) 1,2-Dichlorobenzene	12.852	146	50082	1.096	ppbv	97
76) n-Butylbenzene	12.997	91	82160	1.067	ppbv	96
77) 1,2,4-Trichlorobenzene	14.022	180	39651	1.139	ppbv	98
78) Naphthalene	14.121	128	84148	1.105	ppbv#	96
79) Hexachlorobutadiene	14.371	225	42512	1.119	ppbv	97
81] 1,2-Dichlorotetrafluor...	4.085	85	45652	1.078	ppbv#	84
82] Vinyl Chloride(sim)	4.194	62	19997	1.078	ppbv	99
83] Bromomethane(sim)	4.540	94	14183	1.018	ppbv#	96
84] Trichlorofluoromethane...	5.265	101	53970	0.969	ppbv#	99
85] 1,2-Dichloroethane(sim)	7.760	62	33170	0.972	ppbv	97
86] 1,1,1-Trichloroethane(...	7.925	97	39906	0.973	ppbv#	98
87] Benzene(sim)	8.213	78	36792	0.969	ppbv#	91
88] Carbon Tetrachloride(sim)	8.302	117	44151	1.011	ppbv	99
89] 1,1-Dichloroethene(sim)	5.719	61	32666	0.925	ppbv	94
90] Trichlorotrifluoroetha...	5.978	101	33006	0.991	ppbv#	98
91] Trans-1,2-Dichloroethe...	6.430	61	28760	0.993	ppbv	92
92] 1,1-Dichloroethane(sim)	6.563	63	33596	1.004	ppbv	99
93] Cis-1,2-Dichloroethene...	7.103	61	27935	0.956	ppbv#	89
94] Chloroform(sim)	7.293	83	33494	0.917	ppbv#	91
96] 1,2-dichloropropane(sim)	8.700	63	20140	0.997	ppbv#	76
97] Bromodichloromethane(sim)	8.818	83	35215	0.999	ppbv	96
98] Trichloroethene(sim)	8.838	130	21404	0.952	ppbv	93
99] 1,4-Dioxane(sim)	8.827	88	8452	1.136	ppbv	87
100] cis-1,3-Dichloropropen...	9.329	75	25140	1.057	ppbv	98
101] 1,1,2-Trichloroethane(...	9.741	97	16722	0.941	ppbv	89
102] Dibromochloromethane(sim)	10.160	129	40052	1.055	ppbv	100
103] 1,2-Dibromoethane(EDB)...	10.305	107	29609	1.006	ppbv	95
104] Tetrachloroethene(sim)	10.547	166	29100	0.961	ppbv	98
106] Bromoform(sim)	11.300	173	40225	1.064	ppbv	100
107] m,p-Xylene(sim)	11.213	91	106054	2.016	ppbv	97
108] 1,1,2,2-Tetrachloroeth...	11.482	83	35217	1.043	ppbv#	93
109] Benzyl chloride(sim)	12.571	91	60300	1.233	ppbv	95
110] 1,3-Dichlorobenzene(sim)	12.590	146	56687	1.051	ppbv	98
111] 1,4-Dichlorobenzene(sim)	12.632	146	52767	1.076	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_16.D
Acq On : 16 Nov 2025 10:51 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 17 10:37:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

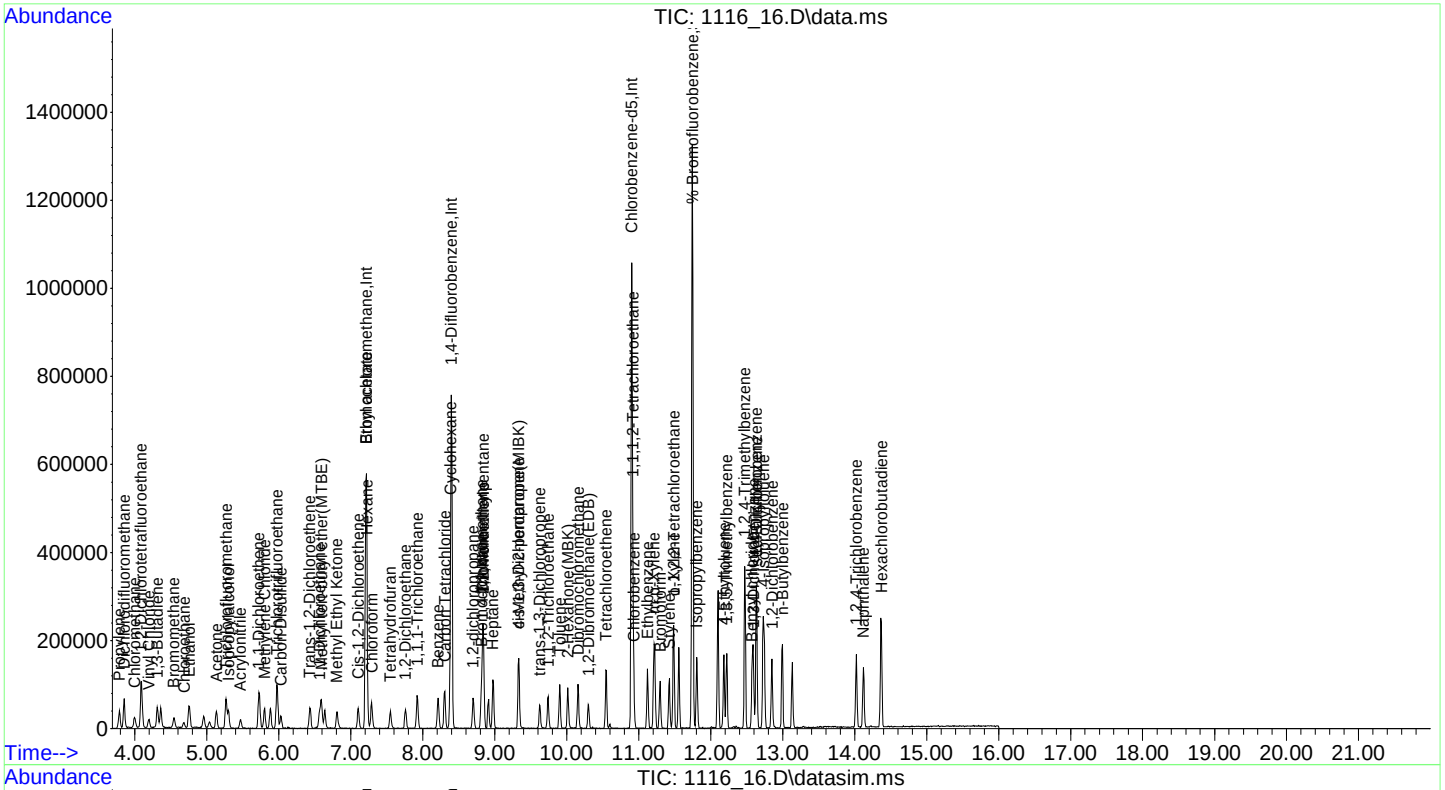
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	75776	0.993	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	99085	1.014	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.848	146	53817	1.053	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	82160	1.052	ppbv	96
116] 1,2,4-Trichlorobenzene...	14.025	180	42673	0.962	ppbv	98
118] Hexachlorobutadiene(sim)	14.367	225	42982	1.036	ppbv	99

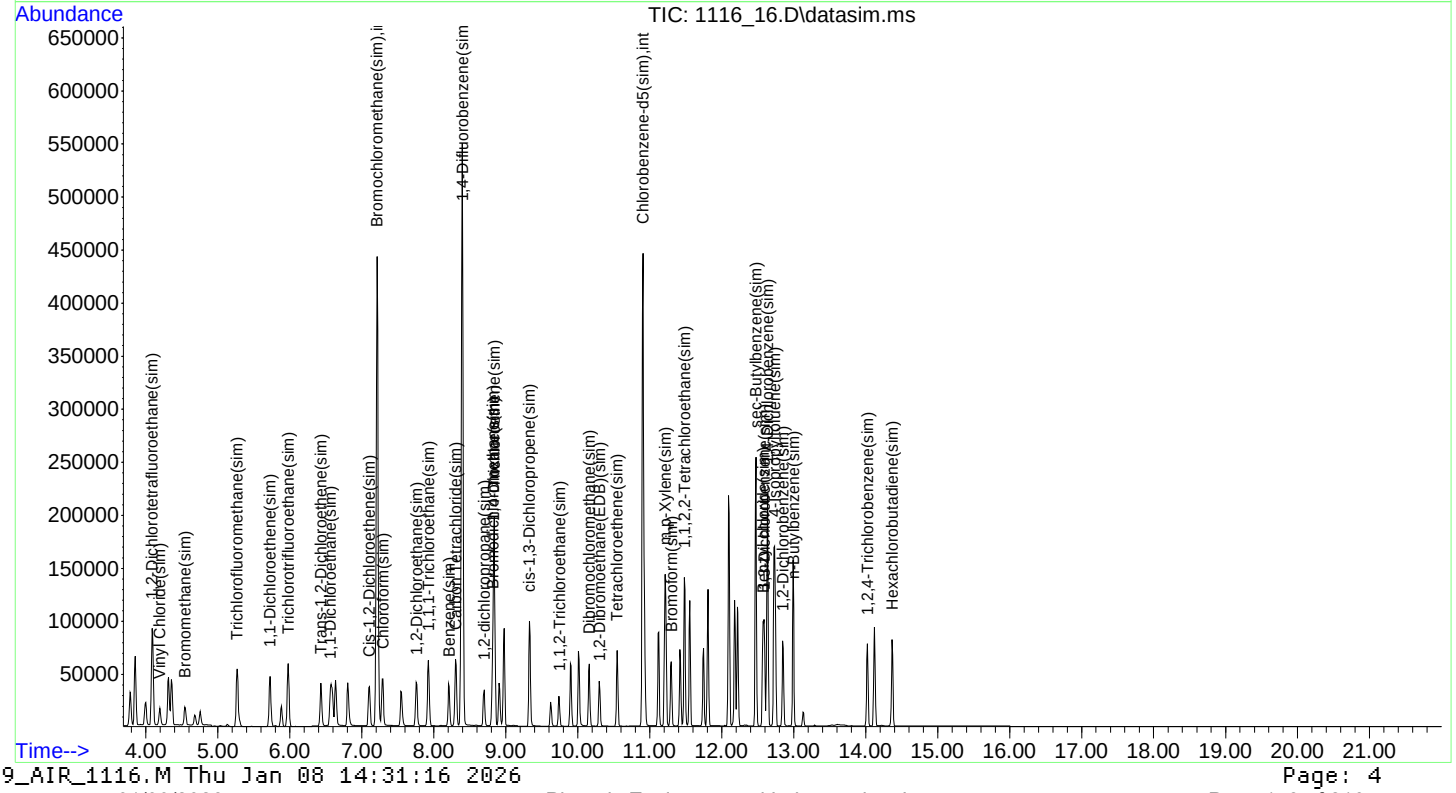
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_16.D
Acq On : 16 Nov 2025 10:51 pm
Operator :
Client ID : ICAL 1
Lab ID : 1.0 ppbv
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 17 10:37:02 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_17.D
Acq On : 16 Nov 2025 11:29 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 17 10:37:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	112264	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	391420	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	215917	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	113798	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	391420	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	215917	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	296783	10.071	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.70%				
Target Compounds							Qvalue
2) Propylene	3.785	41	179931	9.401	ppbv		96
3) Dichlorodifluoromethane	3.850	85	497989	9.905	ppbv		97
4) Chloromethane	3.996	50	214372	10.014	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.085	85	396639	10.076	ppbv		87
6) Vinyl Chloride	4.191	62	159887	9.834	ppbv		99
7) 1,3-Butadiene	4.312	54	163817	9.935	ppbv		92
8) Bromomethane	4.540	94	122312	9.733	ppbv		96
9) Chloroethane	4.686	64	62020	9.765	ppbv		87
11) Ethanol	4.759	45	68038	9.487	ppbv		95
12) Acetone	5.127	43	376853	9.263	ppbv		90
13) Trichlorofluoromethane	5.269	101	492226	10.049	ppbv		99
14) Isopropylalcohol	5.299	45	414038	10.706	ppbv		99
15) Acrylonitrile	5.465	53	125557	9.966	ppbv		97
16) 1,1-Dichloroethene	5.719	61	309849	10.064	ppbv		90
17) Methylene Chloride	5.803	49	285103	9.561	ppbv#		81
20) Carbon Disulfide	6.029	76	294485	10.103	ppbv		99
21) Trichlorotrifluoroethane	5.975	101	294608	9.975	ppbv		95
22) Trans-1,2-Dichloroethene	6.430	61	265158	10.164	ppbv		92
23) 1,1-Dichloroethane	6.568	63	289778	10.238	ppbv		95
24) Methyl tert-butyl ethe...	6.584	73	355210	10.280	ppbv		93
25) Methyl Ethyl Ketone	6.803	43	485051	10.345	ppbv#		92
26) Cis-1,2-Dichloroethene	7.103	61	258488	10.073	ppbv#		88
27) Hexane	7.225	57	287100	9.906	ppbv		87
28) Chloroform	7.290	83	300338	9.983	ppbv		94
29) Ethyl acetate	7.209	61	53785	9.986	ppbv		87
30) Tetrahydrofuran	7.541	42	237838	10.342	ppbv#		89
31) 1,2-Dichloroethane	7.760	62	315869	10.222	ppbv		98
32) 1,1,1-Trichloroethane	7.922	97	372027	10.246	ppbv		97
33) Benzene	8.213	78	319450	9.979	ppbv#		88
34) Carbon Tetrachloride	8.308	117	439028	10.390	ppbv		99
35) Cyclohexane	8.386	84	122525	9.446	ppbv#		78
37) 1,2-dichloropropane	8.697	63	175060	10.216	ppbv#		72
38) Bromodichloromethane	8.818	83	333609	10.026	ppbv		93
39) Trichloroethene	8.836	130	198267	10.135	ppbv		94
40) 2,2,4-trimethylpentane	8.844	57	950462	10.217	ppbv		94
41) 1,4-Dioxane	8.818	88	78729	10.690	ppbv		92
43) Heptane	8.974	43	443229	10.147	ppbv#		90
44) cis-1,3-Dichloropropene	9.333	75	229105	10.383	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.326	43	593560	10.086	ppbv#		95
46) trans-1,3-Dichloropropene	9.622	75	201414	10.386	ppbv		97
47) 1,1,2-Trichloroethane	9.742	97	154555	10.127	ppbv		90
48) Toluene	9.903	91	453695	10.121	ppbv		97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_17.D
Acq On : 16 Nov 2025 11:29 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 17 10:37:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	411777	10.492	ppbv	99
50) 2-Hexanone(MBK)	10.009	43	576017	10.317	ppbv	98
51) 1,2-Dibromoethane(EDB)	10.298	107	289341	10.340	ppbv	97
52) Tetrachloroethene	10.551	166	274763	10.161	ppbv	97
54) 1,1,1,2-Tetrachloroethane	10.918	131	274098	10.182	ppbv	96
55) Chlorobenzene	10.933	112	384033	9.871	ppbv	83
56) Ethylbenzene	11.122	91	626829	9.857	ppbv	96
57) m,p-Xylene	11.221	91	1055954	20.631	ppbv	99
58) Bromoform	11.297	173	417875	10.339	ppbv	98
59) Styrene	11.426	104	378358	10.432	ppbv	94
60) 1,1,2,2-Tetrachloroethane	11.486	83	324613	10.111	ppbv#	88
61) o-Xylene	11.486	91	554999	10.247	ppbv	98
65) Isopropylbenzene	11.812	105	787975	10.034	ppbv	97
66) 4-Ethyltoluene	12.184	105	789688	10.008	ppbv	97
67) 1,3,5-Trimethylbenzene	12.222	105	712649	10.495	ppbv	97
68) 1,2,4-Trimethylbenzene	12.473	105	740809	10.548	ppbv	96
70) Benzyl chloride	12.572	91	589624	11.050	ppbv	97
71) 1,3-Dichlorobenzene	12.594	146	507328	10.079	ppbv	97
72) 1,4-Dichlorobenzene	12.632	146	513397	10.417	ppbv	98
73) sec-Butylbenzene	12.640	105	1036381	10.428	ppbv	97
74) 4-Isopropyltoluene	12.731	119	1032039	10.352	ppbv	99
75) 1,2-Dichlorobenzene	12.853	146	497973	10.431	ppbv	99
76) n-Butylbenzene	12.997	91	841316	10.462	ppbv#	97
77) 1,2,4-Trichlorobenzene	14.022	180	384805	10.579	ppbv	97
78) Naphthalene	14.121	128	822280	10.332	ppbv#	99
79) Hexachlorobutadiene	14.371	225	404339	10.184	ppbv	99
81] 1,2-Dichlorotetrafluor...	4.085	85	396500	9.985	ppbv	87
82] Vinyl Chloride(sim)	4.194	62	168505	9.693	ppbv	99
83] Bromomethane(sim)	4.540	94	122312	9.363	ppbv	96
84] Trichlorofluoromethane...	5.265	101	502891	9.632	ppbv#	100
85] 1,2-Dichloroethane(sim)	7.760	62	315869	9.873	ppbv	98
86] 1,1,1-Trichloroethane(...	7.925	97	385095	10.015	ppbv#	98
87] Benzene(sim)	8.213	78	319450	8.977	ppbv#	88
88] Carbon Tetrachloride(sim)	8.302	117	432655	10.567	ppbv	100
89] 1,1-Dichloroethene(sim)	5.719	61	309849	9.363	ppbv	90
90] Trichlorotrifluoroetha...	5.978	101	302007	9.675	ppbv#	98
91] Trans-1,2-Dichloroethe...	6.430	61	265158	9.768	ppbv	92
92] 1,1-Dichloroethane(sim)	6.563	63	305766	9.749	ppbv	99
93] Cis-1,2-Dichloroethene...	7.103	61	258488	9.432	ppbv#	88
94] Chloroform(sim)	7.293	83	308432	9.008	ppbv#	90
96] 1,2-dichloropropane(sim)	8.700	63	183989	9.772	ppbv#	72
97] Bromodichloromethane(sim)	8.818	83	333609	10.159	ppbv	95
98] Trichloroethene(sim)	8.839	130	201973	9.644	ppbv	94
99] 1,4-Dioxane(sim)	8.818	88	78729	11.351	ppbv	92
100] cis-1,3-Dichloropropen...	9.329	75	244614	11.037	ppbv	98
101] 1,1,2-Trichloroethane(...	9.742	97	154555	9.331	ppbv	90
102] Dibromochloromethane(sim)	10.160	129	400329	11.320	ppbv	100
103] 1,2-Dibromoethane(EDB)...	10.298	107	288725	10.524	ppbv	97
104] Tetrachloroethene(sim)	10.547	166	276952	9.816	ppbv	98
106] Bromoform(sim)	11.300	173	407637	10.328	ppbv	100
107] m,p-Xylene(sim)	11.221	91	1058655	19.267	ppbv	98
108] 1,1,2,2-Tetrachloroeth...	11.482	83	328770	9.320	ppbv#	93
109] Benzyl chloride(sim)	12.572	91	589624	11.544	ppbv	97
110] 1,3-Dichlorobenzene(sim)	12.590	146	549881	9.758	ppbv	98
111] 1,4-Dichlorobenzene(sim)	12.632	146	513397	10.021	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_17.D
Acq On : 16 Nov 2025 11:29 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 17 10:37:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

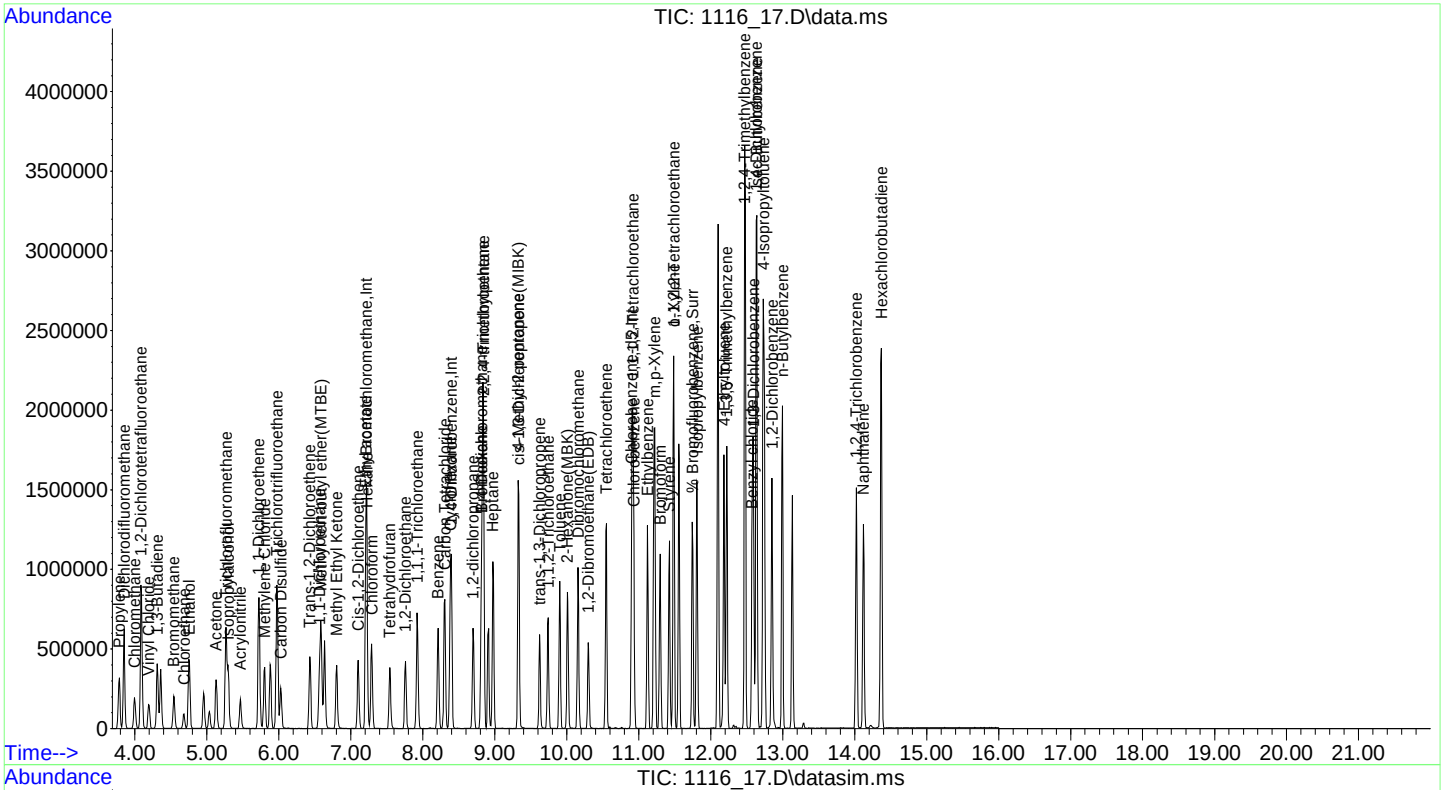
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	789771	9.911	ppbv	99
113] 4-Isopropyltoluene(sim)	12.731	119	1032209	10.116	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.855	146	523867	9.811	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	841316	10.312	ppbv	97
116] 1,2,4-Trichlorobenzene...	14.025	180	411160	8.874	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	414473	8.602	ppbv	99

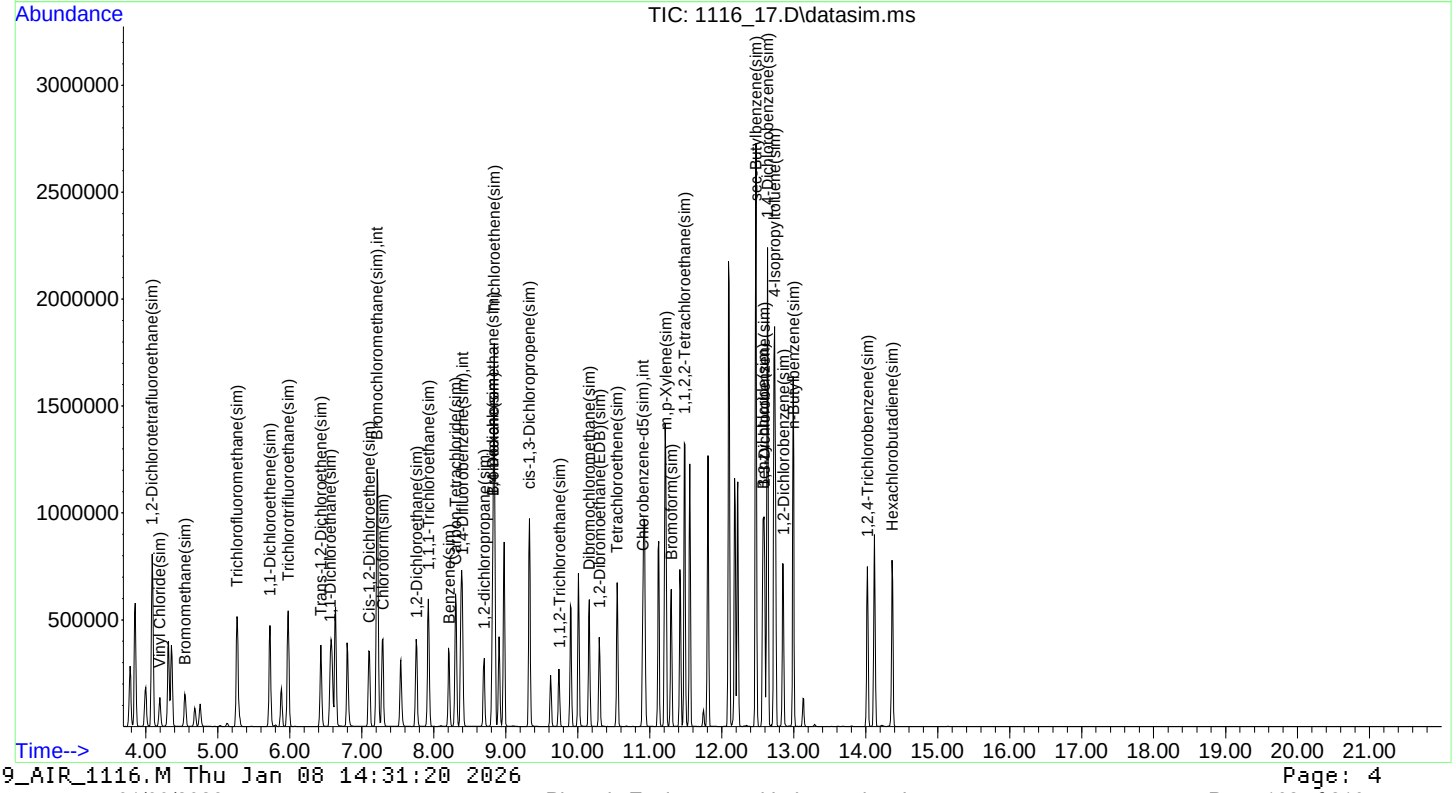
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_17.D
Acq On : 16 Nov 2025 11:29 pm
Operator :
Client ID : ICAL 10
Lab ID : 10.0 ppbv
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 17 10:37:14 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No: SAS No: SDG No GCU88084

ICV - Client Id: ICV_CHEM39_1116

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		9.792	98	70	130
Dichlorodifluoromethane	10		10.07	101	70	130
Chloromethane	10		9.937	99	70	130
1,2-Dichlorotetrafluoroethane	10		10.13	101	70	130
Vinyl Chloride	10		9.814	98	70	130
1,3-Butadiene	10		10.01	100	70	130
Bromomethane	10		9.754	98	70	130
Chloroethane	10		9.440	94	70	130
Ethanol	10		10.14	101	70	130
Acetone	10		9.098	91	70	130
Trichlorofluoromethane	10		9.935	99	70	130
Isopropylalcohol	10		10.67	107	70	130
Acrylonitrile	10		12.28	123	70	130
1,1-Dichloroethene	10		9.748	97	70	130
Methylene Chloride	10		9.506	95	70	130
Carbon Disulfide	10		10.15	102	70	130
Trichlorotrifluoroethane	10		9.921	99	70	130
Trans-1,2-Dichloroethene	10		10.28	103	70	130
1,1-Dichloroethane	10		10.18	102	70	130
Methyl tert-butyl ether(MTBE)	10		10.20	102	70	130
Methyl Ethyl Ketone	10		10.32	103	70	130
Cis-1,2-Dichloroethene	10		9.895	99	70	130
Hexane	10		9.862	99	70	130
Chloroform	10		9.848	98	70	130
Ethyl acetate	10		10.94	109	70	130
Tetrahydrofuran	10		9.853	99	70	130
1,2-Dichloroethane	10		10.06	101	70	130
1,1,1-Trichloroethane	10		10.12	101	70	130
Benzene	10		9.965	100	70	130
Carbon Tetrachloride	10		10.52	105	70	130
Cyclohexane	10		9.135	91	70	130
1,2-dichloropropane	10		10.23	102	70	130
Bromodichloromethane	10		10.36	104	70	130
Trichloroethene	10		10.14	101	70	130
2,2,4-trimethylpentane	10		10.02	100	70	130
1,4-Dioxane	10		11.15	112	70	130
Heptane	10		10.30	103	70	130
cis-1,3-Dichloropropene	10		10.58	106	70	130
4-Methyl-2-pentanone(MIBK)	10		10.52	105	70	130
trans-1,3-Dichloropropene	10		10.87	109	70	130
1,1,2-Trichloroethane	10		10.35	104	70	130
Toluene	10		10.32	103	70	130
Dibromochloromethane	10		10.69	107	70	130
2-Hexanone(MBK)	10		10.72	107	70	130

FORM VI AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No: SAS No: SDG No GCU88084

ICV - Client Id: ICV_CHEM39_1116

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.53	105	70	130
Tetrachloroethene	10		10.44	104	70	130
1,1,1,2-Tetrachloroethane	10		10.15	102	70	130
Chlorobenzene	10		10.31	103	70	130
Ethylbenzene	10		10.32	103	70	130
m,p-Xylene	20		21.47	107	70	130
Bromoform	10		11.17	112	70	130
Styrene	10		11.05	111	70	130
1,1,2,2-Tetrachloroethane	10		10.42	104	70	130
o-Xylene	10		10.60	106	70	130
Isopropylbenzene	10		9.982	100	70	130
4-Ethyltoluene	10		10.60	106	70	130
1,3,5-Trimethylbenzene	10		11.02	110	70	130
1,2,4-Trimethylbenzene	10		11.05	111	70	130
Benzyl chloride	10		11.60	116	70	130
1,3-Dichlorobenzene	10		10.70	107	70	130
1,4-Dichlorobenzene	10		10.97	110	70	130
sec-Butylbenzene	10		10.22	102	70	130
4-Isopropyltoluene	10		10.04	100	70	130
1,2-Dichlorobenzene	10		10.91	109	70	130
n-Butylbenzene	10		10.28	103	70	130
1,2,4-Trichlorobenzene	10		10.11	101	70	130
Naphthalene	10		9.868	99	70	130
Hexachlorobutadiene	10		9.837	98	70	130

FORM VI AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_18.D
Acq On : 17 Nov 2025 12:09 am
Operator :
Client ID : ICV_CHEM39_1116
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 17 10:37:25 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	114327	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	390261	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	209737	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	113319	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	390365	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	209912	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	293554	10.255	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.50%				
Target Compounds							Qvalue
2) Propylene	3.777	41	190854	9.792	ppbv		98
3) Dichlorodifluoromethane	3.842	85	515645	10.071	ppbv		98
4) Chloromethane	3.988	50	216629	9.937	ppbv		99
5) 1,2-Dichlorotetrafluor...	4.077	85	405948	10.127	ppbv	#	87
6) Vinyl Chloride	4.191	62	162491	9.814	ppbv		99
7) 1,3-Butadiene	4.304	54	168155	10.014	ppbv		94
8) Bromomethane	4.540	94	124830	9.754	ppbv		96
9) Chloroethane	4.678	64	61058	9.440	ppbv		86
11) Ethanol	4.751	45	74063	10.141	ppbv		95
12) Acetone	5.128	43	376940	9.098	ppbv		91
13) Trichlorofluoromethane	5.262	101	495620	9.935	ppbv		99
14) Isopropylalcohol	5.293	45	420237	10.670	ppbv		100
15) Acrylonitrile	5.459	53	157535	12.279	ppbv		94
16) 1,1-Dichloroethene	5.719	61	305614	9.747	ppbv		91
17) Methylene Chloride	5.797	49	288695	9.506	ppbv	#	81
20) Carbon Disulfide	6.023	76	301194	10.147	ppbv		99
21) Trichlorotrifluoroethane	5.969	101	298398	9.921	ppbv		96
22) Trans-1,2-Dichloroethene	6.430	61	273071	10.279	ppbv		92
23) 1,1-Dichloroethane	6.560	63	293567	10.184	ppbv		94
24) Methyl tert-butyl ethe...	6.584	73	358838	10.197	ppbv		92
25) Methyl Ethyl Ketone	6.795	43	492831	10.321	ppbv	#	93
26) Cis-1,2-Dichloroethene	7.095	61	258609	9.895	ppbv	#	89
27) Hexane	7.217	57	291081	9.862	ppbv		88
28) Chloroform	7.290	83	301728	9.848	ppbv		93
29) Ethyl acetate	7.209	61	59978	10.935	ppbv	#	84
30) Tetrahydrofuran	7.541	42	230770	9.853	ppbv	#	90
31) 1,2-Dichloroethane	7.752	62	316674	10.063	ppbv		97
32) 1,1,1-Trichloroethane	7.923	97	374253	10.122	ppbv		97
33) Benzene	8.213	78	324864	9.965	ppbv	#	88
34) Carbon Tetrachloride	8.299	117	452789	10.522	ppbv		99
35) Cyclohexane	8.377	84	120678	9.135	ppbv	#	76
37) 1,2-dichloropropane	8.697	63	174827	10.232	ppbv	#	73
38) Bromodichloromethane	8.810	83	343642	10.358	ppbv		95
39) Trichloroethene	8.836	130	197861	10.144	ppbv		94
40) 2,2,4-trimethylpentane	8.836	57	929186	10.018	ppbv		94
41) 1,4-Dioxane	8.818	88	81842	11.146	ppbv		92
43) Heptane	8.974	43	448559	10.299	ppbv	#	90
44) cis-1,3-Dichloropropene	9.326	75	232681	10.577	ppbv		94
45) 4-Methyl-2-pentanone(M...	9.326	43	617256	10.520	ppbv	#	95
46) trans-1,3-Dichloropropene	9.622	75	210095	10.866	ppbv		98
47) 1,1,2-Trichloroethane	9.742	97	157454	10.347	ppbv		89
48) Toluene	9.903	91	461193	10.319	ppbv		97

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_18.D
Acq On : 17 Nov 2025 12:09 am
Operator :
Client ID : ICV_CHEM39_1116
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 17 10:37:25 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	418226	10.687	ppbv	98
50)	2-Hexanone(MBK)	10.009	43	596560	10.716	ppbv	98
51)	1,2-Dibromoethane(EDB)	10.298	107	293874	10.533	ppbv	96
52)	Tetrachloroethene	10.544	166	281549	10.443	ppbv	98
54)	1,1,1,2-Tetrachloroethane	10.918	131	265380	10.148	ppbv	97
55)	Chlorobenzene	10.933	112	389684	10.312	ppbv	84
56)	Ethylbenzene	11.122	91	637719	10.324	ppbv	97
57)	m,p-Xylene	11.213	91	1067656	21.474	ppbv	98
58)	Bromoform	11.297	173	438355	11.165	ppbv	100
59)	Styrene	11.426	104	389368	11.052	ppbv	93
60)	1,1,2,2-Tetrachloroethane	11.486	83	325037	10.422	ppbv#	86
61)	o-Xylene	11.486	91	557594	10.598	ppbv	97
65)	Isopropylbenzene	11.805	105	761502	9.982	ppbv	97
66)	4-Ethyltoluene	12.184	105	812746	10.603	ppbv	96
67)	1,3,5-Trimethylbenzene	12.222	105	727014	11.022	ppbv	97
68)	1,2,4-Trimethylbenzene	12.473	105	753958	11.052	ppbv	96
70)	Benzyl chloride	12.572	91	601379	11.602	ppbv	96
71)	1,3-Dichlorobenzene	12.594	146	523374	10.704	ppbv	97
72)	1,4-Dichlorobenzene	12.632	146	525022	10.966	ppbv	99
73)	sec-Butylbenzene	12.640	105	986387	10.218	ppbv	97
74)	4-Isopropyltoluene	12.731	119	972693	10.044	ppbv	99
75)	1,2-Dichlorobenzene	12.853	146	506119	10.914	ppbv	97
76)	n-Butylbenzene	12.997	91	803163	10.282	ppbv#	97
77)	1,2,4-Trichlorobenzene	14.022	180	357159	10.108	ppbv	97
78)	Naphthalene	14.121	128	762872	9.868	ppbv#	98
79)	Hexachlorobutadiene	14.371	225	379368	9.837	ppbv	99
81]	1,2-Dichlorotetrafluor...	4.077	85	405866	10.265	ppbv#	87
82]	Vinyl Chloride(sim)	4.186	62	172260	9.950	ppbv	99
83]	Bromomethane(sim)	4.540	94	124830	9.597	ppbv	96
84]	Trichlorofluoromethane...	5.265	101	504283	9.700	ppbv#	100
85]	1,2-Dichloroethane(sim)	7.752	62	316674	9.940	ppbv	97
86]	1,1,1-Trichloroethane(...	7.925	97	387602	10.122	ppbv#	98
87]	Benzene(sim)	8.213	78	324864	9.167	ppbv#	88
88]	Carbon Tetrachloride(sim)	8.302	117	442279	10.848	ppbv	100
89]	1,1-Dichloroethene(sim)	5.719	61	305614	9.274	ppbv	91
90]	Trichlorotrifluoroetha...	5.972	101	302534	9.733	ppbv#	98
91]	Trans-1,2-Dichloroethe...	6.430	61	273071	10.102	ppbv	92
92]	1,1-Dichloroethane(sim)	6.563	63	307792	9.855	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.095	61	258624	9.477	ppbv#	89
94]	Chloroform(sim)	7.285	83	311585	9.138	ppbv#	90
96]	1,2-dichloropropane(sim)	8.700	63	185674	9.888	ppbv#	72
97]	Bromodichloromethane(sim)	8.810	83	343419	10.486	ppbv	97
98]	Trichloroethene(sim)	8.839	130	205142	9.822	ppbv	94
99]	1,4-Dioxane(sim)	8.818	88	81842	11.832	ppbv	92
100]	cis-1,3-Dichloropropen...	9.329	75	248378	11.237	ppbv	97
101]	1,1,2-Trichloroethane(...	9.742	97	157454	9.532	ppbv	89
102]	Dibromochloromethane(sim)	10.160	129	411110	11.657	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.298	107	293750	10.736	ppbv	97
104]	Tetrachloroethene(sim)	10.547	166	281108	9.990	ppbv	97
106]	Bromoform(sim)	11.300	173	422935	11.023	ppbv	100
107]	m,p-Xylene(sim)	11.213	91	1069828	20.027	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.482	83	337046	9.828	ppbv#	93
109]	Benzyl chloride(sim)	12.572	91	601379	12.111	ppbv	96
110]	1,3-Dichlorobenzene(sim)	12.590	146	564574	10.306	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	525022	10.541	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_18.D
Acq On : 17 Nov 2025 12:09 am
Operator :
Client ID : ICV_CHEM39_1116
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 17 10:37:25 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

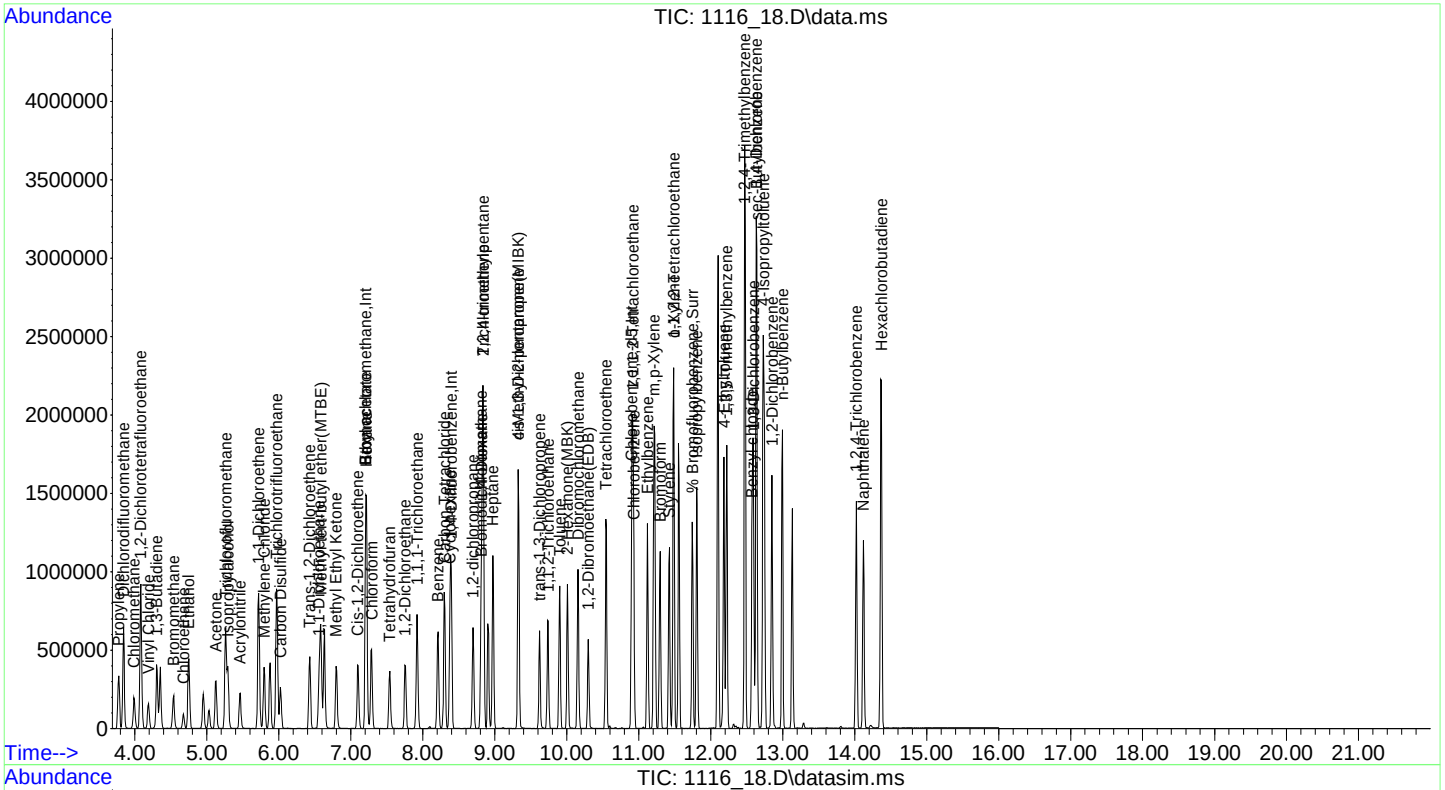
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	805889	10.403	ppbv	97
113] 4-Isopropyltoluene(sim)	12.731	119	972560	9.804	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.848	146	540051	10.404	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	803133	10.125	ppbv	97
116] 1,2,4-Trichlorobenzene...	14.025	180	381356	8.466	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	392048	8.393	ppbv	99

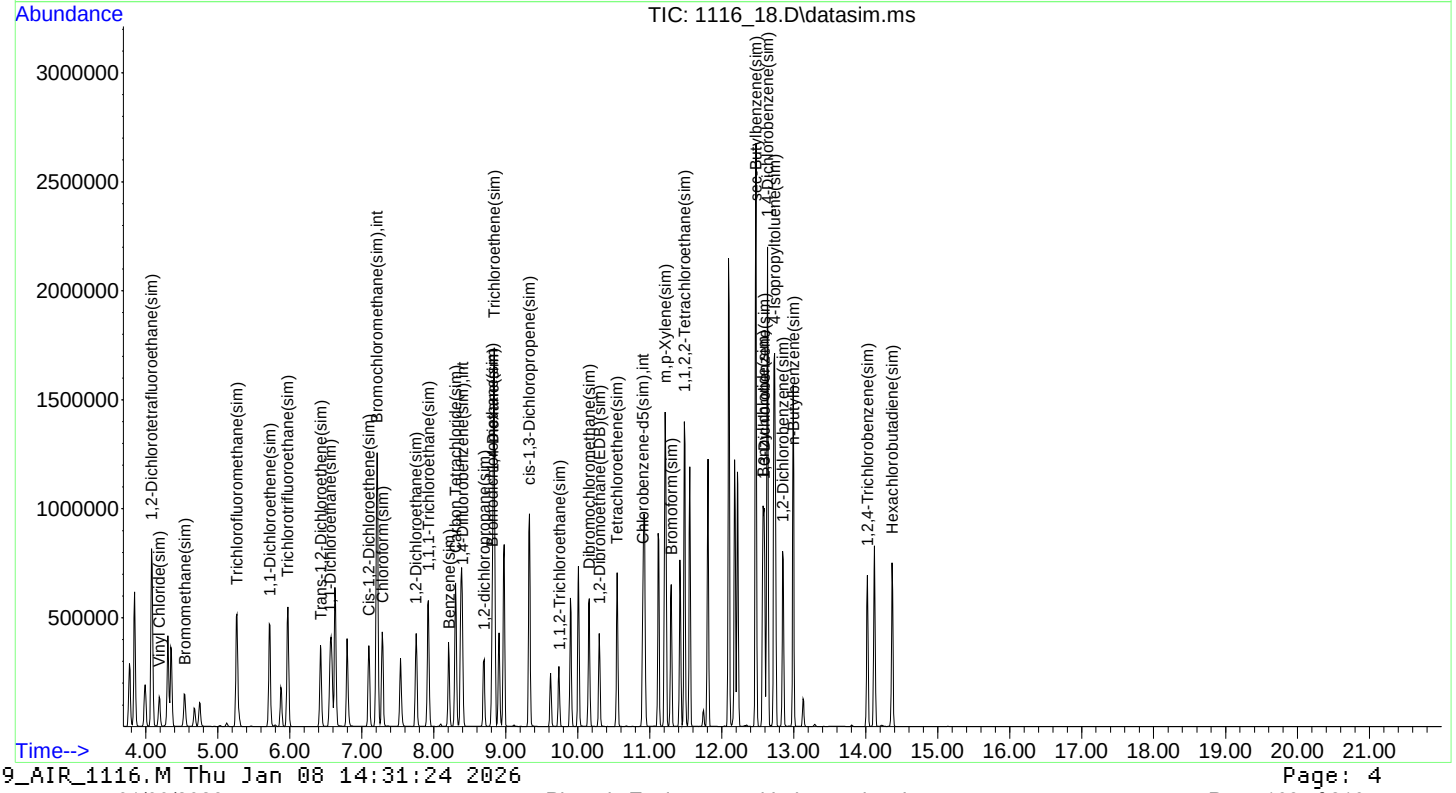
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\11NOV\16A\
Data File : 1116_18.D
Acq On : 17 Nov 2025 12:09 am
Operator :
Client ID : ICV_CHEM39_1116
Lab ID : 10 ppbv LCs
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 17 10:37:25 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.705	1.747		-2.5	30
Dichlorodifluoromethane	4.479	4.387		2.1	30
Chloromethane	1.907	2.129		-11.6	30
1,2-Dichlorotetrafluoroethane	3.506	3.433		2.1	30
Vinyl Chloride	1.448	1.403		3.1	30
1,3-Butadiene	1.469	1.490		-1.4	30
Bromomethane	1.119	1.109		0.9	30
Chloroethane	0.566	0.521		8.0	30
Ethanol	0.639	0.638		0.2	30
Acetone	3.624	3.375		6.9	30
Trichlorofluoromethane	4.363	4.215		3.4	30
Isopropylalcohol	3.445	3.263		5.3	30
Acrylonitrile	1.122	1.035		7.8	30
1,1-Dichloroethene	2.742	2.559		6.7	30
Methylene Chloride	2.656	2.616		1.5	30
Carbon Disulfide	2.596	2.420		6.8	30
Trichlorotrifluoroethane	2.631	2.355		10.5	30
Trans-1,2-Dichloroethene	2.324	1.990		14.4	30
1,1-Dichloroethane	2.521	2.414		4.2	30
Methyl tert-butyl ether(MTBE)	3.078	2.671		13.2	30
Methyl Ethyl Ketone	4.177	4.110		1.6	30
Cis-1,2-Dichloroethene	2.286	2.033		11.1	30
Hexane	2.582	2.151		16.7	30
Chloroform	2.680	2.517		6.1	30
Ethyl acetate	0.480	0.478		0.4	30
Tetrahydrofuran	2.049	1.843		10.1	30
1,2-Dichloroethane	2.753	2.609		5.2	30
1,1,1-Trichloroethane	3.234	3.109		3.9	30
Benzene	2.851	2.437		14.5	30
Carbon Tetrachloride	3.764	3.764		0.0	30
Cyclohexane	1.155	0.923		20.1	30
1,2-dichloropropane	0.438	0.400		8.7	30
Bromodichloromethane	0.850	0.812		4.5	30
Trichloroethene	0.500	0.452		9.6	30
2,2,4-trimethylpentane	2.377	2.165		8.9	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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.190		-1.1	30
Heptane	1.116	1.031		7.6	30
cis-1,3-Dichloropropene	0.564	0.501		11.2	30
4-Methyl-2-pentanone(MIBK)	1.503	1.401		6.8	30
trans-1,3-Dichloropropene	0.495	0.441		10.9	30
1,1,2-Trichloroethane	0.390	0.358		8.2	30
Toluene	1.145	0.994		13.2	30
Dibromochloromethane	1.003	0.933		7.0	30
2-Hexanone(MBK)	1.426	1.296		9.1	30
1,2-Dibromoethane(EDB)	0.715	0.648		9.4	30
Tetrachloroethene	0.691	0.603		12.7	30
1,1,1,2-Tetrachloroethane	1.247	1.321		-5.9	30
Chlorobenzene	1.802	1.722		4.4	30
Ethylbenzene	2.945	2.682		8.9	30
m,p-Xylene	2.371	1.798		24.2	30
Bromoform	1.872	1.886		-0.7	30
Styrene	1.680	1.594		5.1	30
1,1,2,2-Tetrachloroethane	1.487	1.462		1.7	30
o-Xylene	2.509	2.358		6.0	30
Isopropylbenzene	3.637	3.459		4.9	30
4-Ethyltoluene	3.655	3.215		12.0	30
1,3,5-Trimethylbenzene	3.145	2.891		8.1	30
1,2,4-Trimethylbenzene	3.253	2.779		14.6	30
Benzyl chloride	2.471	2.242		9.3	30
1,3-Dichlorobenzene	2.331	2.049		12.1	30
1,4-Dichlorobenzene	2.283	1.970		13.7	30
sec-Butylbenzene	4.603	4.309		6.4	30
4-Isopropyltoluene	4.617	3.989		13.6	30
1,2-Dichlorobenzene	2.211	1.845		16.6	30
n-Butylbenzene	3.724	3.370		9.5	30
1,2,4-Trichlorobenzene	1.685	1.355		19.6	30
Naphthalene	3.686	2.765		25.0	30
Hexachlorobutadiene	1.839	1.517		17.5	30
1,2-Dichlorotetrafluoroethane(sim)	3.489	3.392		2.8	30
Vinyl Chloride(sim)	1.528	1.463		4.3	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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.148	1.096		4.5	30
Trichlorofluoromethane(sim)	4.588	4.234		7.7	30
1,2-Dichloroethane(sim)	2.811	2.578		8.3	30
1,1,1-Trichloroethane(sim)	3.379	3.180		5.9	30
Benzene(sim)	3.127	2.408		23.0	30
Carbon Tetrachloride(sim)	3.598	3.632		-0.9	30
1,1-Dichloroethene(sim)	2.908	2.529		13.0	30
Trichlorotrifluoroethane(sim)	2.743	2.482		9.5	30
Trans-1,2-Dichloroethene(sim)	2.385	1.967		17.5	30
1,1-Dichloroethane(sim)	2.756	2.484		9.9	30
Cis-1,2-Dichloroethene(sim)	2.408	2.009		16.6	30
Chloroform(sim)	3.009	2.572		14.5	30
1,2-dichloropropane(sim)	0.481	0.431		10.4	30
Bromodichloromethane(sim)	0.839	0.812		3.2	30
Trichloroethene(sim)	0.535	0.462		13.6	30
1,4-Dioxane(sim)	0.177	0.190		-7.3	30
cis-1,3-Dichloropropene(sim)	0.566	0.540		4.6	30
1,1,2-Trichloroethane(sim)	0.423	0.358		15.4	30
Dibromochloromethane(sim)	0.903	0.933		-3.3	30
1,2-Dibromoethane(EDB)(sim)	0.701	0.648		7.6	30
Tetrachloroethene(sim)	0.721	0.619		14.1	30
Bromoform(sim)	1.828	1.879		-2.8	30
m,p-Xylene(sim)	2.545	2.248		11.7	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.456		10.9	30
Benzyl chloride(sim)	2.365	2.243		5.2	30
1,3-Dichlorobenzene(sim)	2.610	2.262		13.3	30
1,4-Dichlorobenzene(sim)	2.373	1.971		16.9	30
sec-Butylbenzene(sim)	3.690	3.040		17.6	30
4-Isopropyltoluene(sim)	4.726	3.990		15.6	30
1,2-Dichlorobenzene(sim)	2.473	2.057		16.8	30
n-Butylbenzene(sim)	3.779	3.372		10.8	30
1,2,4-Trichlorobenzene(sim)	2.146	1.491		30.5 #	30
Hexachlorobutadiene(sim) q	1.000	0.81		19.0	20
% Bromofluorobenzene	1.365	1.483		-8.6	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\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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	1.705	1.747	-2.5		
3		Dichlorodifluoromethane	4.479	4.387	2.1		
4		Chloromethane	1.907	2.129	-11.6		
5		1,2-Dichlorotetrafluoroetha	3.506	3.433	2.1		
6		Vinyl Chloride	1.448	1.403	3.1		
7		1,3-Butadiene	1.469	1.490	-1.4		
8		Bromomethane	1.119	1.109	0.9		
9		Chloroethane	0.566	0.521	8.0		
11		Ethanol	0.639	0.638	0.2		
12		Acetone	3.624	3.375	6.9		
13		Trichlorofluoromethane	4.363	4.215	3.4		
14		Isopropylalcohol	3.445	3.263	5.3		
15		Acrylonitrile	1.122	1.035	7.8		
16		1,1-Dichloroethene	2.742	2.559	6.7		
17		Methylene Chloride	2.656	2.616	1.5		
20		Carbon Disulfide	2.596	2.420	6.8		
21		Trichlorotrifluoroethane	2.631	2.355	10.5		
22		Trans-1,2-Dichloroethene	2.324	1.990	14.4		
23		1,1-Dichloroethane	2.521	2.414	4.2		
24		Methyl tert-butyl ether(MTB	3.078	2.671	13.2		
25		Methyl Ethyl Ketone	4.177	4.110	1.6		
26		Cis-1,2-Dichloroethene	2.286	2.033	11.1		
27		Hexane	2.582	2.151	16.7		
28		Chloroform	2.680	2.517	6.1		
29		Ethyl acetate	0.480	0.478	0.4		
30		Tetrahydrofuran	2.049	1.843	10.1		
31		1,2-Dichloroethane	2.753	2.609	5.2		
32		1,1,1-Trichloroethane	3.234	3.109	3.9		
33		Benzene	2.851	2.437	14.5		
34		Carbon Tetrachloride	3.764	3.764	0.0		
35		Cyclohexane	1.155	0.923	20.1		
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	88	
37		1,2-dichloropropane	0.438	0.400	8.7		
38		Bromodichloromethane	0.850	0.812	4.5		
39		Trichloroethene	0.500	0.452	9.6		
40		2,2,4-trimethylpentane	2.377	2.165	8.9		
41		1,4-Dioxane	0.188	0.190	-1.1		
43		Heptane	1.116	1.031	7.6		
44		cis-1,3-Dichloropropene	0.564	0.501	11.2		
45		4-Methyl-2-pentanone(MIBK)	1.503	1.401	6.8		
46		trans-1,3-Dichloropropene	0.495	0.441	10.9		
47		1,1,2-Trichloroethane	0.390	0.358	8.2		
48		Toluene	1.145	0.994	13.2		
49		Dibromochloromethane	1.003	0.933	7.0		
50		2-Hexanone(MBK)	1.426	1.296	9.1		
51		1,2-Dibromoethane(EDB)	0.715	0.648	9.4		
52		Tetrachloroethene	0.691	0.603	12.7		
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	89	

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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	1.247	1.321	-5.9		
55		Chlorobenzene	1.802	1.722	4.4		
56		Ethylbenzene	2.945	2.682	8.9		
57		m,p-Xylene	2.371	1.798	24.2		
58		Bromoform	1.872	1.886	-0.7		
59		Styrene	1.680	1.594	5.1		
60		1,1,2,2-Tetrachloroethane	1.487	1.462	1.7		
61		o-Xylene	2.509	2.358	6.0		
62	Surr	% Bromofluorobenzene	1.365	1.483	-8.6		
65		Isopropylbenzene	3.637	3.459	4.9		
66		4-Ethyltoluene	3.655	3.215	12.0		
67		1,3,5-Trimethylbenzene	3.145	2.891	8.1		
68		1,2,4-Trimethylbenzene	3.253	2.779	14.6		
70		Benzyl chloride	2.471	2.242	9.3		
71		1,3-Dichlorobenzene	2.331	2.049	12.1		
72		1,4-Dichlorobenzene	2.283	1.970	13.7		
73		sec-Butylbenzene	4.603	4.309	6.4		
74		4-Isopropyltoluene	4.617	3.989	13.6		
75		1,2-Dichlorobenzene	2.211	1.845	16.6		
76		n-Butylbenzene	3.724	3.370	9.5		
77		1,2,4-Trichlorobenzene	1.685	1.355	19.6		
78		Naphthalene	3.686	2.765	25.0		
79		Hexachlorobutadiene	1.839	1.517	17.5		
80	int	Bromochloromethane(sim)	1.000	1.000	0.0	89	
81		1,2-Dichlorotetrafluoroetha	3.489	3.392	2.8		
82		Vinyl Chloride(sim)	1.528	1.463	4.3		
83		Bromomethane(sim)	1.148	1.096	4.5		
84		Trichlorofluoromethane(sim)	4.588	4.234	7.7		
85		1,2-Dichloroethane(sim)	2.811	2.578	8.3		
86		1,1,1-Trichloroethane(sim)	3.379	3.180	5.9		
87		Benzene(sim)	3.127	2.408	23.0		
88		Carbon Tetrachloride(sim)	3.598	3.632	-0.9		
89		1,1-Dichloroethene(sim)	2.908	2.529	13.0		
90		Trichlorotrifluoroethane(si	2.743	2.482	9.5		
91		Trans-1,2-Dichloroethene(si	2.385	1.967	17.5		
92		1,1-Dichloroethane(sim)	2.756	2.484	9.9		
93		Cis-1,2-Dichloroethene(sim)	2.408	2.009	16.6		
94		Chloroform(sim)	3.009	2.572	14.5		
95	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	88	
96		1,2-dichloropropane(sim)	0.481	0.431	10.4		
97		Bromodichloromethane(sim)	0.839	0.812	3.2		
98		Trichloroethene(sim)	0.535	0.462	13.6		
99		1,4-Dioxane(sim)	0.177	0.190	-7.3		
100		cis-1,3-Dichloropropene(sim	0.566	0.540	4.6		
101		1,1,2-Trichloroethane(sim)	0.423	0.358	15.4		
102		Dibromochloromethane(sim)	0.903	0.933	-3.3		
103		1,2-Dibromoethane(EDB)(sim)	0.701	0.648	7.6		
104		Tetrachloroethene(sim)	0.721	0.619	14.1		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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%	
105 int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	89	
106	Bromoform(sim)	1.828	1.879	-2.8		
107	m,p-Xylene(sim)	2.545	2.248	11.7		
108	1,1,2,2-Tetrachloroethane(s	1.634	1.456	10.9		
109	Benzyl chloride(sim)	2.365	2.243	5.2		
110	1,3-Dichlorobenzene(sim)	2.610	2.262	13.3		
111	1,4-Dichlorobenzene(sim)	2.373	1.971	16.9		
112	sec-Butylbenzene(sim)	3.690	3.040	17.6		
113	4-Isopropyltoluene(sim)	4.726	3.990	15.6		
114	1,2-Dichlorobenzene(sim)	2.473	2.057	16.8		
115	n-Butylbenzene(sim)	3.779	3.372	10.8		
116	1,2,4-Trichlorobenzene(sim)	2.146	1.491	30.5#		
118 qf	Hexachlorobutadiene(sim)	1.000	0.809	19.1#		

(#)=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\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	106864	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	368023	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	183446	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	108145	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	368023	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	183374	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	272002	10.864	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.60%				
Target Compounds							Qvalue
2) Propylene	3.785	41	18670	1.025	ppbv		95
3) Dichlorodifluoromethane	3.850	85	46881	0.980	ppbv#		97
4) Chloromethane	3.996	50	22755	1.117	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.085	85	36686	0.979	ppbv#		86
6) Vinyl Chloride	4.191	62	14989	0.969	ppbv		99
7) 1,3-Butadiene	4.313	54	15921	1.014	ppbv#		88
8) Bromomethane	4.540	94	11855	0.991	ppbv#		93
9) Chloroethane	4.686	64	5568	0.921	ppbv#		77
11) Ethanol	4.759	45	6817	0.999	ppbv		93
12) Acetone	5.134	43	36070	0.931	ppbv		92
13) Trichlorofluoromethane	5.269	101	45041	0.966	ppbv		99
14) Isopropylalcohol	5.299	45	34870	0.947	ppbv#		90
15) Acrylonitrile	5.465	53	11064	0.923	ppbv		98
16) 1,1-Dichloroethene	5.719	61	27345	0.933	ppbv#		87
17) Methylene Chloride	5.803	49	27952	0.985	ppbv#		79
20) Carbon Disulfide	6.029	76	25863	0.932	ppbv		97
21) Trichlorotrifluoroethane	5.975	101	25163	0.895	ppbv		93
22) Trans-1,2-Dichloroethene	6.430	61	21271	0.857	ppbv		92
23) 1,1-Dichloroethane	6.568	63	25797	0.957	ppbv		98
24) Methyl tert-butyl ethe...	6.593	73	28543	0.868	ppbv#		82
25) Methyl Ethyl Ketone	6.812	43	43926	0.984	ppbv#		91
26) Cis-1,2-Dichloroethene	7.103	61	21728	0.889	ppbv		89
27) Hexane	7.217	57	22991	0.833	ppbv#		72
28) Chloroform	7.290	83	26902	0.939	ppbv		92
29) Ethyl acetate	7.217	61	5109	0.997	ppbv#		80
30) Tetrahydrofuran	7.549	42	19699	0.900	ppbv#		89
31) 1,2-Dichloroethane	7.760	62	27880	0.948	ppbv		96
32) 1,1,1-Trichloroethane	7.923	97	33228	0.961	ppbv		96
33) Benzene	8.213	78	26038	0.854	ppbv#		80
34) Carbon Tetrachloride	8.299	117	40220	1.000	ppbv		97
35) Cyclohexane	8.386	84	9859	0.798	ppbv#		48
37) 1,2-dichloropropane	8.697	63	14715	0.913	ppbv#		56
38) Bromodichloromethane	8.818	83	29889	0.955	ppbv		91
39) Trichloroethene	8.836	130	16625	0.904	ppbv		93
40) 2,2,4-trimethylpentane	8.836	57	79671	0.911	ppbv		94
41) 1,4-Dioxane	8.827	88	6994	1.010	ppbv		90
43) Heptane	8.974	43	37958	0.924	ppbv#		88
44) cis-1,3-Dichloropropene	9.333	75	18441	0.889	ppbv		96
45) 4-Methyl-2-pentanone(M...	9.333	43	51555	0.932	ppbv#		93
46) trans-1,3-Dichloropropene	9.622	75	16212	0.889	ppbv		95
47) 1,1,2-Trichloroethane	9.735	97	13178	0.918	ppbv		90
48) Toluene	9.903	91	36583	0.868	ppbv#		98

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.157	129	34338	0.931	ppbv	98
50) 2-Hexanone(MBK)	10.016	43	47686	0.908	ppbv	95
51) 1,2-Dibromoethane(EDB)	10.298	107	23866	0.907	ppbv	95
52) Tetrachloroethene	10.544	166	22203	0.873	ppbv	97
54) 1,1,1,2-Tetrachloroethane	10.910	131	24240	1.060	ppbv	97
55) Chlorobenzene	10.925	112	31593	0.956	ppbv	95
56) Ethylbenzene	11.122	91	49209	0.911	ppbv	95
57) m,p-Xylene	11.213	91	82452	1.896	ppbv	98
58) Bromoform	11.297	173	34601	1.008	ppbv	99
59) Styrene	11.426	104	29247	0.949	ppbv#	89
60) 1,1,2,2-Tetrachloroethane	11.479	83	26820	0.983	ppbv	92
61) o-Xylene	11.486	91	43251	0.940	ppbv	98
65) Isopropylbenzene	11.805	105	63459	0.951	ppbv	97
66) 4-Ethyltoluene	12.184	105	58969	0.880	ppbv	94
67) 1,3,5-Trimethylbenzene	12.222	105	53033	0.919	ppbv	99
68) 1,2,4-Trimethylbenzene	12.473	105	50979	0.854	ppbv	96
70) Benzyl chloride	12.572	91	41137	0.907	ppbv	96
71) 1,3-Dichlorobenzene	12.587	146	37585	0.879	ppbv	97
72) 1,4-Dichlorobenzene	12.632	146	36140	0.863	ppbv	98
73) sec-Butylbenzene	12.640	105	79051	0.936	ppbv	95
74) 4-Isopropyltoluene	12.731	119	73173	0.864	ppbv	98
75) 1,2-Dichlorobenzene	12.845	146	33841	0.834	ppbv	98
76) n-Butylbenzene	12.997	91	61827	0.905	ppbv#	93
77) 1,2,4-Trichlorobenzene	14.022	180	24854	0.804	ppbv	98
78) Naphthalene	14.121	128	50715	0.750	ppbv#	98
79) Hexachlorobutadiene	14.364	225	27831	0.825	ppbv	99
81] 1,2-Dichlorotetrafluor...	4.085	85	36686	0.972	ppbv#	86
82] Vinyl Chloride(sim)	4.194	62	15826	0.958	ppbv	99
83] Bromomethane(sim)	4.540	94	11855	0.955	ppbv#	93
84] Trichlorofluoromethane...	5.265	101	45787	0.923	ppbv#	100
85] 1,2-Dichloroethane(sim)	7.760	62	27880	0.917	ppbv	96
86] 1,1,1-Trichloroethane(...	7.925	97	34394	0.941	ppbv#	97
87] Benzene(sim)	8.213	78	26038	0.770	ppbv#	80
88] Carbon Tetrachloride(sim)	8.302	117	39276	1.009	ppbv	100
89] 1,1-Dichloroethene(sim)	5.719	61	27345	0.869	ppbv#	87
90] Trichlorotrifluoroetha...	5.978	101	26841	0.905	ppbv#	99
91] Trans-1,2-Dichloroethe...	6.430	61	21271	0.825	ppbv	92
92] 1,1-Dichloroethane(sim)	6.563	63	26867	0.901	ppbv	99
93] Cis-1,2-Dichloroethene...	7.103	61	21729	0.834	ppbv	89
94] Chloroform(sim)	7.285	83	27815	0.855	ppbv#	88
96] 1,2-dichloropropane(sim)	8.700	63	15864	0.896	ppbv#	63
97] Bromodichloromethane(sim)	8.818	83	29889	0.968	ppbv	93
98] Trichloroethene(sim)	8.839	130	16990	0.863	ppbv	94
99] 1,4-Dioxane(sim)	8.827	88	6994	1.073	ppbv	90
100] cis-1,3-Dichloropropen...	9.329	75	19867	0.953	ppbv	97
101] 1,1,2-Trichloroethane(...	9.735	97	13178	0.846	ppbv	89
102] Dibromochloromethane(sim)	10.160	129	34327	1.032	ppbv	100
103] 1,2-Dibromoethane(EDB)...	10.298	107	23866	0.925	ppbv	96
104] Tetrachloroethene(sim)	10.547	166	22783	0.859	ppbv	97
106] Bromoform(sim)	11.300	173	34459	1.028	ppbv	100
107] m,p-Xylene(sim)	11.213	91	82452	1.767	ppbv	98
108] 1,1,2,2-Tetrachloroeth...	11.482	83	26703	0.891	ppbv#	94
109] Benzyl chloride(sim)	12.572	91	41137	0.948	ppbv	96
110] 1,3-Dichlorobenzene(sim)	12.590	146	41484	0.867	ppbv	98
111] 1,4-Dichlorobenzene(sim)	12.632	146	36140	0.831	ppbv	98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

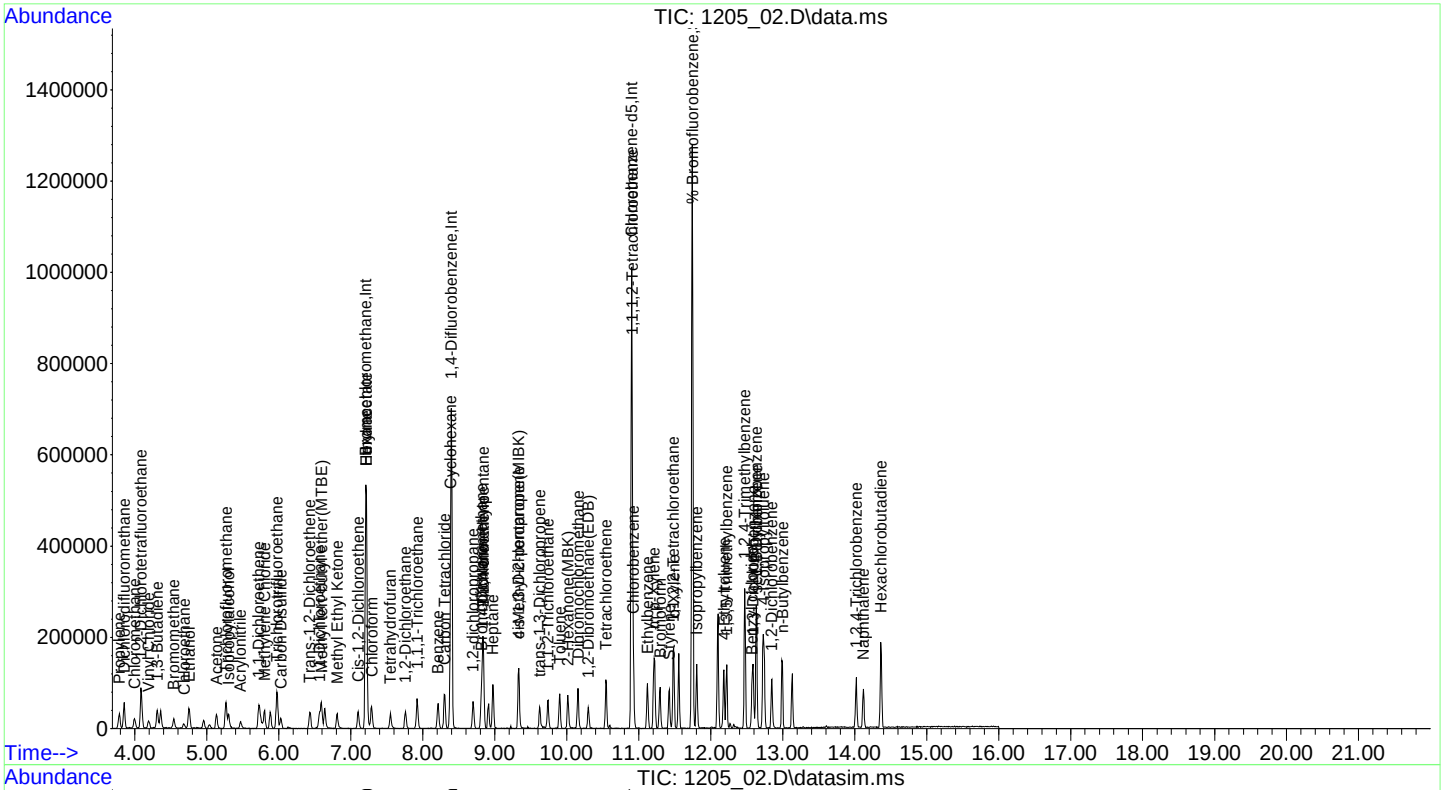
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	55754	0.824	ppbv	97
113] 4-Isopropyltoluene(sim)	12.731	119	73173	0.844	ppbv	98
114] 1,2-Dichlorobenzene(sim)	12.848	146	37722	0.832	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	61827	0.892	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	27336	0.695	ppbv	98
118] Hexachlorobutadiene(sim)	14.367	225	29689	0.809	ppbv	99

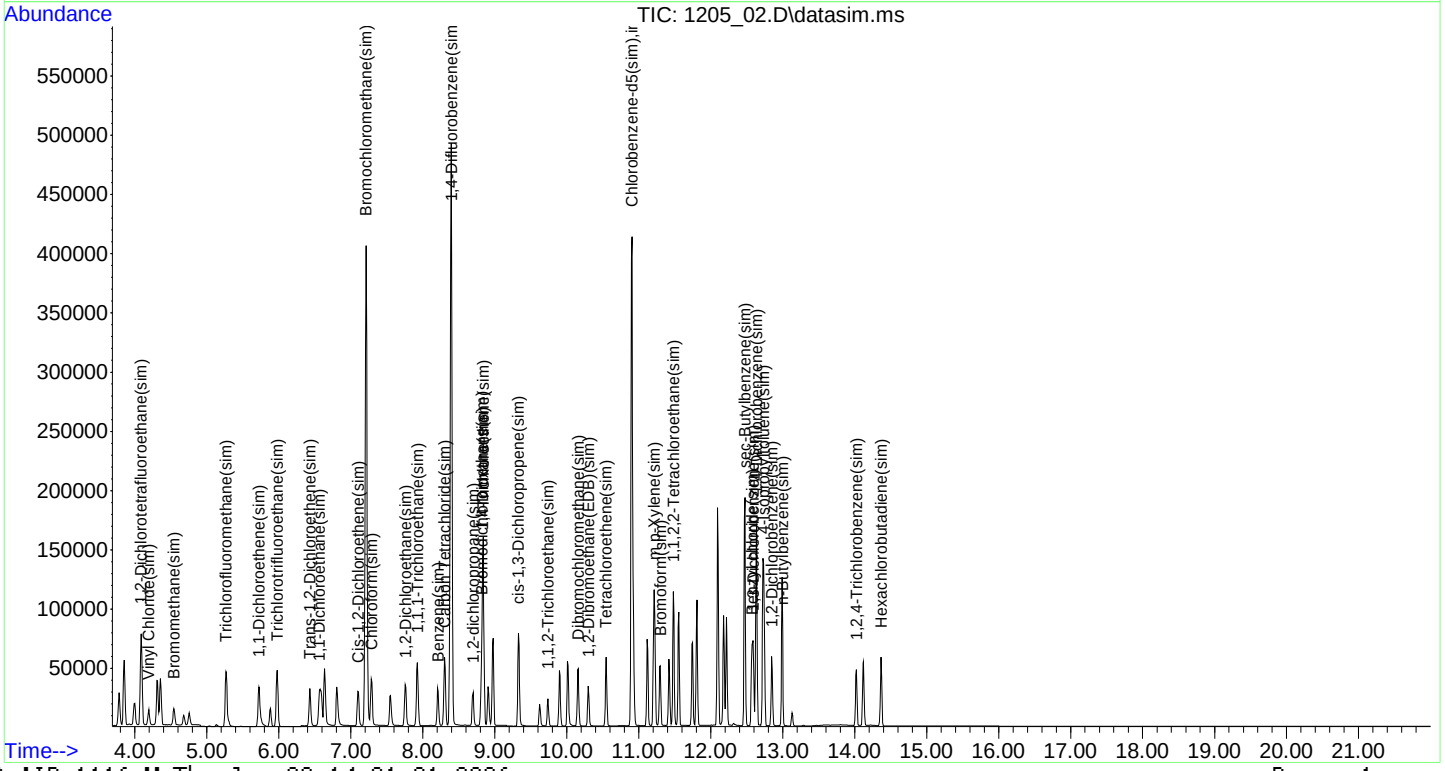
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_02.D
Acq On : 5 Dec 2025 11:11 am
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb cCal; TO1516S - 1ppb cCal; TO1516S
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:27 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	1.705	1.725		-1.2	30
Dichlorodifluoromethane	4.479	4.316		3.6	30
Chloromethane	1.907	2.087		-9.4	30
1,2-Dichlorotetrafluoroethane	3.506	3.335		4.9	30
Vinyl Chloride	1.448	1.294		10.6	30
1,3-Butadiene	1.469	1.462		0.5	30
Bromomethane	1.119	0.997		10.9	30
Chloroethane	0.566	0.542		4.2	30
Ethanol	0.639	0.684		-7.0	30
Acetone	3.624	3.436		5.2	30
Trichlorofluoromethane	4.363	4.286		1.8	30
Isopropylalcohol	3.445	3.133		9.1	30
Acrylonitrile	1.122	1.030		8.2	30
1,1-Dichloroethene	2.742	2.692		1.8	30
Methylene Chloride	2.656	2.627		1.1	30
Carbon Disulfide	2.596	2.349		9.5	30
Trichlorotrifluoroethane	2.631	2.418		8.1	30
Trans-1,2-Dichloroethene	2.324	2.051		11.7	30
1,1-Dichloroethane	2.521	2.285		9.4	30
Methyl tert-butyl ether(MTBE)	3.078	2.531		17.8	30
Methyl Ethyl Ketone	4.177	4.011		4.0	30
Cis-1,2-Dichloroethene	2.286	2.038		10.8	30
Hexane	2.582	2.255		12.7	30
Chloroform	2.680	2.468		7.9	30
Ethyl acetate	0.480	0.435		9.4	30
Tetrahydrofuran	2.049	1.907		6.9	30
1,2-Dichloroethane	2.753	2.618		4.9	30
1,1,1-Trichloroethane	3.234	3.144		2.8	30
Benzene	2.851	2.552		10.5	30
Carbon Tetrachloride	3.764	3.880		-3.1	30
Cyclohexane	1.155	1.000		13.4	30
1,2-dichloropropane	0.438	0.408		6.8	30
Bromodichloromethane	0.850	0.783		7.9	30
Trichloroethene	0.500	0.425		15.0	30
2,2,4-trimethylpentane	2.377	2.088		12.2	30

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

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

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.184		2.1	30
Heptane	1.116	1.011		9.4	30
cis-1,3-Dichloropropene	0.564	0.480		14.9	30
4-Methyl-2-pentanone(MIBK)	1.503	1.388		7.7	30
trans-1,3-Dichloropropene	0.495	0.437		11.7	30
1,1,2-Trichloroethane	0.390	0.365		6.4	30
Toluene	1.145	0.999		12.8	30
Dibromochloromethane	1.003	0.949		5.4	30
2-Hexanone(MBK)	1.426	1.299		8.9	30
1,2-Dibromoethane(EDB)	0.715	0.635		11.2	30
Tetrachloroethene	0.691	0.624		9.7	30
1,1,1,2-Tetrachloroethane	1.247	1.231		1.3	30
Chlorobenzene	1.802	1.814		-0.7	30
Ethylbenzene	2.945	2.653		9.9	30
m,p-Xylene	2.371	1.719		27.5	30
Bromoform	1.872	1.868		0.2	30
Styrene	1.680	1.526		9.2	30
1,1,2,2-Tetrachloroethane	1.487	1.392		6.4	30
o-Xylene	2.509	2.202		12.2	30
Isopropylbenzene	3.637	3.395		6.7	30
4-Ethyltoluene	3.655	3.214		12.1	30
1,3,5-Trimethylbenzene	3.145	2.831		10.0	30
1,2,4-Trimethylbenzene	3.253	2.708		16.8	30
Benzyl chloride	2.471	2.114		14.4	30
1,3-Dichlorobenzene	2.331	2.027		13.0	30
1,4-Dichlorobenzene	2.283	1.972		13.6	30
sec-Butylbenzene	4.603	4.083		11.3	30
4-Isopropyltoluene	4.617	3.971		14.0	30
1,2-Dichlorobenzene	2.211	1.863		15.7	30
n-Butylbenzene	3.724	3.368		9.6	30
1,2,4-Trichlorobenzene	1.685	1.252		25.7	30
Naphthalene	3.686	2.598		29.5	30
Hexachlorobutadiene	1.839	1.498		18.5	30
1,2-Dichlorotetrafluoroethane(sim)	3.489	3.270		6.3	30
Vinyl Chloride(sim)	1.528	1.376		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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.148	0.977		14.9	30
Trichlorofluoromethane(sim)	4.588	4.237		7.7	30
1,2-Dichloroethane(sim)	2.811	2.568		8.6	30
1,1,1-Trichloroethane(sim)	3.379	3.153		6.7	30
Benzene(sim)	3.127	2.503		20.0	30
Carbon Tetrachloride(sim)	3.598	3.661		-1.8	30
1,1-Dichloroethene(sim)	2.908	2.640		9.2	30
Trichlorotrifluoroethane(sim)	2.743	2.454		10.5	30
Trans-1,2-Dichloroethene(sim)	2.385	2.011		15.7	30
1,1-Dichloroethane(sim)	2.756	2.459		10.8	30
Cis-1,2-Dichloroethene(sim)	2.408	1.999		17.0	30
Chloroform(sim)	3.009	2.582		14.2	30
1,2-dichloropropane(sim)	0.481	0.423		12.1	30
Bromodichloromethane(sim)	0.839	0.775		7.6	30
Trichloroethene(sim)	0.535	0.468		12.5	30
1,4-Dioxane(sim)	0.177	0.184		-4.0	30
cis-1,3-Dichloropropene(sim)	0.566	0.533		5.8	30
1,1,2-Trichloroethane(sim)	0.423	0.362		14.4	30
Dibromochloromethane(sim)	0.903	0.938		-3.9	30
1,2-Dibromoethane(EDB)(sim)	0.701	0.634		9.6	30
Tetrachloroethene(sim)	0.721	0.623		13.6	30
Bromoform(sim)	1.828	1.864		-2.0	30
m,p-Xylene(sim)	2.545	2.148		15.6	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.441		11.8	30
Benzyl chloride(sim)	2.365	2.113		10.7	30
1,3-Dichlorobenzene(sim)	2.610	2.241		14.1	30
1,4-Dichlorobenzene(sim)	2.373	1.971		16.9	30
sec-Butylbenzene(sim)	3.690	2.999		18.7	30
4-Isopropyltoluene(sim)	4.726	3.969		16.0	30
1,2-Dichlorobenzene(sim)	2.473	2.018		18.4	30
n-Butylbenzene(sim)	3.779	3.366		10.9	30
1,2,4-Trichlorobenzene(sim)	2.146	1.360		36.6 #	30
Hexachlorobutadiene(sim) q	1.000	0.81		19.0	20
% Bromofluorobenzene	1.365	1.496		-9.6	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\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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	86
2		Propylene	1.705	1.725	-1.2	
3		Dichlorodifluoromethane	4.479	4.316	3.6	
4		Chloromethane	1.907	2.087	-9.4	
5		1,2-Dichlorotetrafluoroetha	3.506	3.335	4.9	
6		Vinyl Chloride	1.448	1.294	10.6	
7		1,3-Butadiene	1.469	1.462	0.5	
8		Bromomethane	1.119	0.997	10.9	
9		Chloroethane	0.566	0.542	4.2	
11		Ethanol	0.639	0.684	-7.0	
12		Acetone	3.624	3.436	5.2	
13		Trichlorofluoromethane	4.363	4.286	1.8	
14		Isopropylalcohol	3.445	3.133	9.1	
15		Acrylonitrile	1.122	1.030	8.2	
16		1,1-Dichloroethene	2.742	2.692	1.8	
17		Methylene Chloride	2.656	2.627	1.1	
20		Carbon Disulfide	2.596	2.349	9.5	
21		Trichlorotrifluoroethane	2.631	2.418	8.1	
22		Trans-1,2-Dichloroethene	2.324	2.051	11.7	
23		1,1-Dichloroethane	2.521	2.285	9.4	
24		Methyl tert-butyl ether(MTB	3.078	2.531	17.8	
25		Methyl Ethyl Ketone	4.177	4.011	4.0	
26		Cis-1,2-Dichloroethene	2.286	2.038	10.8	
27		Hexane	2.582	2.255	12.7	
28		Chloroform	2.680	2.468	7.9	
29		Ethyl acetate	0.480	0.435	9.4	
30		Tetrahydrofuran	2.049	1.907	6.9	
31		1,2-Dichloroethane	2.753	2.618	4.9	
32		1,1,1-Trichloroethane	3.234	3.144	2.8	
33		Benzene	2.851	2.552	10.5	
34		Carbon Tetrachloride	3.764	3.880	-3.1	
35		Cyclohexane	1.155	1.000	13.4	
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	87
37		1,2-dichloropropane	0.438	0.408	6.8	
38		Bromodichloromethane	0.850	0.783	7.9	
39		Trichloroethene	0.500	0.425	15.0	
40		2,2,4-trimethylpentane	2.377	2.088	12.2	
41		1,4-Dioxane	0.188	0.184	2.1	
43		Heptane	1.116	1.011	9.4	
44		cis-1,3-Dichloropropene	0.564	0.480	14.9	
45		4-Methyl-2-pentanone(MIBK)	1.503	1.388	7.7	
46		trans-1,3-Dichloropropene	0.495	0.437	11.7	
47		1,1,2-Trichloroethane	0.390	0.365	6.4	
48		Toluene	1.145	0.999	12.8	
49		Dibromochloromethane	1.003	0.949	5.4	
50		2-Hexanone(MBK)	1.426	1.299	8.9	
51		1,2-Dibromoethane(EDB)	0.715	0.635	11.2	
52		Tetrachloroethene	0.691	0.624	9.7	
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	89

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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	1.247	1.231	1.3		
55		Chlorobenzene	1.802	1.814	-0.7		
56		Ethylbenzene	2.945	2.653	9.9		
57		m,p-Xylene	2.371	1.719	27.5		
58		Bromoform	1.872	1.868	0.2		
59		Styrene	1.680	1.526	9.2		
60		1,1,2,2-Tetrachloroethane	1.487	1.392	6.4		
61		o-Xylene	2.509	2.202	12.2		
62	Surr	% Bromofluorobenzene	1.365	1.496	-9.6		
65		Isopropylbenzene	3.637	3.395	6.7		
66		4-Ethyltoluene	3.655	3.214	12.1		
67		1,3,5-Trimethylbenzene	3.145	2.831	10.0		
68		1,2,4-Trimethylbenzene	3.253	2.708	16.8		
70		Benzyl chloride	2.471	2.114	14.4		
71		1,3-Dichlorobenzene	2.331	2.027	13.0		
72		1,4-Dichlorobenzene	2.283	1.972	13.6		
73		sec-Butylbenzene	4.603	4.083	11.3		
74		4-Isopropyltoluene	4.617	3.971	14.0		
75		1,2-Dichlorobenzene	2.211	1.863	15.7		
76		n-Butylbenzene	3.724	3.368	9.6		
77		1,2,4-Trichlorobenzene	1.685	1.252	25.7		
78		Naphthalene	3.686	2.598	29.5		
79		Hexachlorobutadiene	1.839	1.498	18.5		
80	int	Bromochloromethane(sim)	1.000	1.000	0.0	89	
81		1,2-Dichlorotetrafluoroetha	3.489	3.270	6.3		
82		Vinyl Chloride(sim)	1.528	1.376	9.9		
83		Bromomethane(sim)	1.148	0.977	14.9		
84		Trichlorofluoromethane(sim)	4.588	4.237	7.7		
85		1,2-Dichloroethane(sim)	2.811	2.568	8.6		
86		1,1,1-Trichloroethane(sim)	3.379	3.153	6.7		
87		Benzene(sim)	3.127	2.503	20.0		
88		Carbon Tetrachloride(sim)	3.598	3.661	-1.8		
89		1,1-Dichloroethene(sim)	2.908	2.640	9.2		
90		Trichlorotrifluoroethane(si	2.743	2.454	10.5		
91		Trans-1,2-Dichloroethene(si	2.385	2.011	15.7		
92		1,1-Dichloroethane(sim)	2.756	2.459	10.8		
93		Cis-1,2-Dichloroethene(sim)	2.408	1.999	17.0		
94		Chloroform(sim)	3.009	2.582	14.2		
95	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	87	
96		1,2-dichloropropane(sim)	0.481	0.423	12.1		
97		Bromodichloromethane(sim)	0.839	0.775	7.6		
98		Trichloroethene(sim)	0.535	0.468	12.5		
99		1,4-Dioxane(sim)	0.177	0.184	-4.0		
100		cis-1,3-Dichloropropene(sim	0.566	0.533	5.8		
101		1,1,2-Trichloroethane(sim)	0.423	0.362	14.4		
102		Dibromochloromethane(sim)	0.903	0.938	-3.9		
103		1,2-Dibromoethane(EDB)(sim)	0.701	0.634	9.6		
104		Tetrachloroethene(sim)	0.721	0.623	13.6		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 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%
105	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	89
106		Bromoform(sim)	1.828	1.864	-2.0	
107		m,p-Xylene(sim)	2.545	2.148	15.6	
108		1,1,2,2-Tetrachloroethane(s	1.634	1.441	11.8	
109		Benzyl chloride(sim)	2.365	2.113	10.7	
110		1,3-Dichlorobenzene(sim)	2.610	2.241	14.1	
111		1,4-Dichlorobenzene(sim)	2.373	1.971	16.9	
112		sec-Butylbenzene(sim)	3.690	2.999	18.7	
113		4-Isopropyltoluene(sim)	4.726	3.969	16.0	
114		1,2-Dichlorobenzene(sim)	2.473	2.018	18.4	
115		n-Butylbenzene(sim)	3.779	3.366	10.9	
116		1,2,4-Trichlorobenzene(sim)	2.146	1.360	36.6#	
118	qf	Hexachlorobutadiene(sim)	1.000	0.806	19.4#	

(#)=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\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	105464	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	363633	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	183133	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	107539	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	363791	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	183225	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	273984	10.962	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.60%				
Target Compounds							Qvalue
2) Propylene	3.785	41	18197	1.012	ppbv		95
3) Dichlorodifluoromethane	3.850	85	45518	0.964	ppbv#		96
4) Chloromethane	3.996	50	22010	1.094	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.085	85	35168	0.951	ppbv		93
6) Vinyl Chloride	4.191	62	13645	0.893	ppbv		98
7) 1,3-Butadiene	4.312	54	15414	0.995	ppbv#		94
8) Bromomethane	4.540	94	10511	0.890	ppbv#		90
9) Chloroethane	4.686	64	5713	0.958	ppbv		84
11) Ethanol	4.759	45	7218	1.071	ppbv		97
12) Acetone	5.127	43	36239	0.948	ppbv#		89
13) Trichlorofluoromethane	5.269	101	45202	0.982	ppbv		98
14) Isopropylalcohol	5.299	45	33044	0.910	ppbv#		92
15) Acrylonitrile	5.471	53	10865	0.918	ppbv		92
16) 1,1-Dichloroethene	5.719	61	28388	0.982	ppbv#		85
17) Methylene Chloride	5.797	49	27709	0.989	ppbv#		79
20) Carbon Disulfide	6.029	76	24776	0.905	ppbv		97
21) Trichlorotrifluoroethane	5.975	101	25505	0.919	ppbv		98
22) Trans-1,2-Dichloroethene	6.430	61	21626	0.882	ppbv		95
23) 1,1-Dichloroethane	6.568	63	24096	0.906	ppbv		96
24) Methyl tert-butyl ethe...	6.592	73	26698	0.822	ppbv#		79
25) Methyl Ethyl Ketone	6.811	43	42300	0.960	ppbv#		90
26) Cis-1,2-Dichloroethene	7.103	61	21492	0.891	ppbv		88
27) Hexane	7.217	57	23782	0.873	ppbv#		72
28) Chloroform	7.290	83	26025	0.921	ppbv		91
29) Ethyl acetate	7.209	61	4587	0.907	ppbv#		84
30) Tetrahydrofuran	7.549	42	20113	0.931	ppbv#		87
31) 1,2-Dichloroethane	7.760	62	27612	0.951	ppbv		98
32) 1,1,1-Trichloroethane	7.922	97	33155	0.972	ppbv		96
33) Benzene	8.213	78	26918	0.895	ppbv#		82
34) Carbon Tetrachloride	8.299	117	40924	1.031	ppbv		96
35) Cyclohexane	8.377	84	10543	0.865	ppbv#		63
37) 1,2-dichloropropane	8.697	63	14846	0.933	ppbv#		60
38) Bromodichloromethane	8.810	83	28459	0.921	ppbv		96
39) Trichloroethene	8.836	130	15447	0.850	ppbv		93
40) 2,2,4-trimethylpentane	8.836	57	75910	0.878	ppbv#		94
41) 1,4-Dioxane	8.827	88	6702	0.980	ppbv		96
43) Heptane	8.974	43	36762	0.906	ppbv#		87
44) cis-1,3-Dichloropropene	9.326	75	17464	0.852	ppbv		90
45) 4-Methyl-2-pentanone(M...	9.326	43	50484	0.923	ppbv#		92
46) trans-1,3-Dichloropropene	9.622	75	15890	0.882	ppbv		98
47) 1,1,2-Trichloroethane	9.735	97	13269	0.936	ppbv		88
48) Toluene	9.903	91	36313	0.872	ppbv#		94

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Dibromochloromethane	10.157	129	34494	0.946 ppbv	100
50) 2-Hexanone(MBK)	10.016	43	47231	0.911 ppbv	94
51) 1,2-Dibromoethane(EDB)	10.298	107	23082	0.888 ppbv	94
52) Tetrachloroethene	10.544	166	22694	0.903 ppbv	95
54) 1,1,1,2-Tetrachloroethane	10.910	131	22548	0.988 ppbv	91
55) Chlorobenzene	10.925	112	33220	1.007 ppbv	94
56) Ethylbenzene	11.122	91	48577	0.901 ppbv	98
57) m,p-Xylene	11.213	91	78713	1.813 ppbv	99
58) Bromoform	11.297	173	34203	0.998 ppbv	98
59) Styrene	11.426	104	27944	0.908 ppbv#	91
60) 1,1,2,2-Tetrachloroethane	11.479	83	25489	0.936 ppbv#	90
61) o-Xylene	11.486	91	40328	0.878 ppbv	98
65) Isopropylbenzene	11.805	105	62176	0.933 ppbv	95
66) 4-Ethyltoluene	12.184	105	58850	0.879 ppbv	96
67) 1,3,5-Trimethylbenzene	12.222	105	51850	0.900 ppbv	97
68) 1,2,4-Trimethylbenzene	12.473	105	49584	0.832 ppbv	96
70) Benzyl chloride	12.572	91	38707	0.855 ppbv	97
71) 1,3-Dichlorobenzene	12.587	146	37118	0.869 ppbv	96
72) 1,4-Dichlorobenzene	12.632	146	36119	0.864 ppbv	96
73) sec-Butylbenzene	12.640	105	74770	0.887 ppbv	96
74) 4-Isopropyltoluene	12.723	119	72727	0.860 ppbv	97
75) 1,2-Dichlorobenzene	12.845	146	34113	0.842 ppbv	97
76) n-Butylbenzene	12.989	91	61671	0.904 ppbv#	93
77) 1,2,4-Trichlorobenzene	14.022	180	22931	0.743 ppbv	96
78) Naphthalene	14.121	128	47584	0.705 ppbv#	97
79) Hexachlorobutadiene	14.364	225	27438	0.815 ppbv	98
81] 1,2-Dichlorotetrafluor...	4.085	85	35168	0.937 ppbv	93
82] Vinyl Chloride(sim)	4.194	62	14799	0.901 ppbv	100
83] Bromomethane(sim)	4.540	94	10511	0.851 ppbv#	90
84] Trichlorofluoromethane...	5.265	101	45569	0.924 ppbv#	99
85] 1,2-Dichloroethane(sim)	7.760	62	27612	0.913 ppbv	98
86] 1,1,1-Trichloroethane(...	7.925	97	33906	0.933 ppbv#	97
87] Benzene(sim)	8.213	78	26918	0.800 ppbv#	82
88] Carbon Tetrachloride(sim)	8.302	117	39365	1.017 ppbv	99
89] 1,1-Dichloroethene(sim)	5.719	61	28388	0.908 ppbv#	85
90] Trichlorotrifluoroetha...	5.978	101	26392	0.895 ppbv#	98
91] Trans-1,2-Dichloroethe...	6.430	61	21626	0.843 ppbv	95
92] 1,1-Dichloroethane(sim)	6.563	63	26439	0.892 ppbv	99
93] Cis-1,2-Dichloroethene...	7.103	61	21494	0.830 ppbv	88
94] Chloroform(sim)	7.285	83	27767	0.858 ppbv#	88
96] 1,2-dichloropropane(sim)	8.700	63	15395	0.880 ppbv#	60
97] Bromodichloromethane(sim)	8.810	83	28198	0.924 ppbv	97
98] Trichloroethene(sim)	8.839	130	17014	0.874 ppbv	94
99] 1,4-Dioxane(sim)	8.827	88	6702	1.040 ppbv	96
100] cis-1,3-Dichloropropen...	9.329	75	19396	0.942 ppbv	97
101] 1,1,2-Trichloroethane(...	9.735	97	13182	0.856 ppbv	89
102] Dibromochloromethane(sim)	10.153	129	34110	1.038 ppbv	100
103] 1,2-Dibromoethane(EDB)...	10.298	107	23082	0.905 ppbv	94
104] Tetrachloroethene(sim)	10.547	166	22663	0.864 ppbv	97
106] Bromoform(sim)	11.292	173	34154	1.020 ppbv	99
107] m,p-Xylene(sim)	11.213	91	78713	1.688 ppbv	99
108] 1,1,2,2-Tetrachloroeth...	11.482	83	26404	0.882 ppbv#	93
109] Benzyl chloride(sim)	12.572	91	38707	0.893 ppbv	97
110] 1,3-Dichlorobenzene(sim)	12.590	146	41056	0.859 ppbv	96
111] 1,4-Dichlorobenzene(sim)	12.632	146	36119	0.831 ppbv	96

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

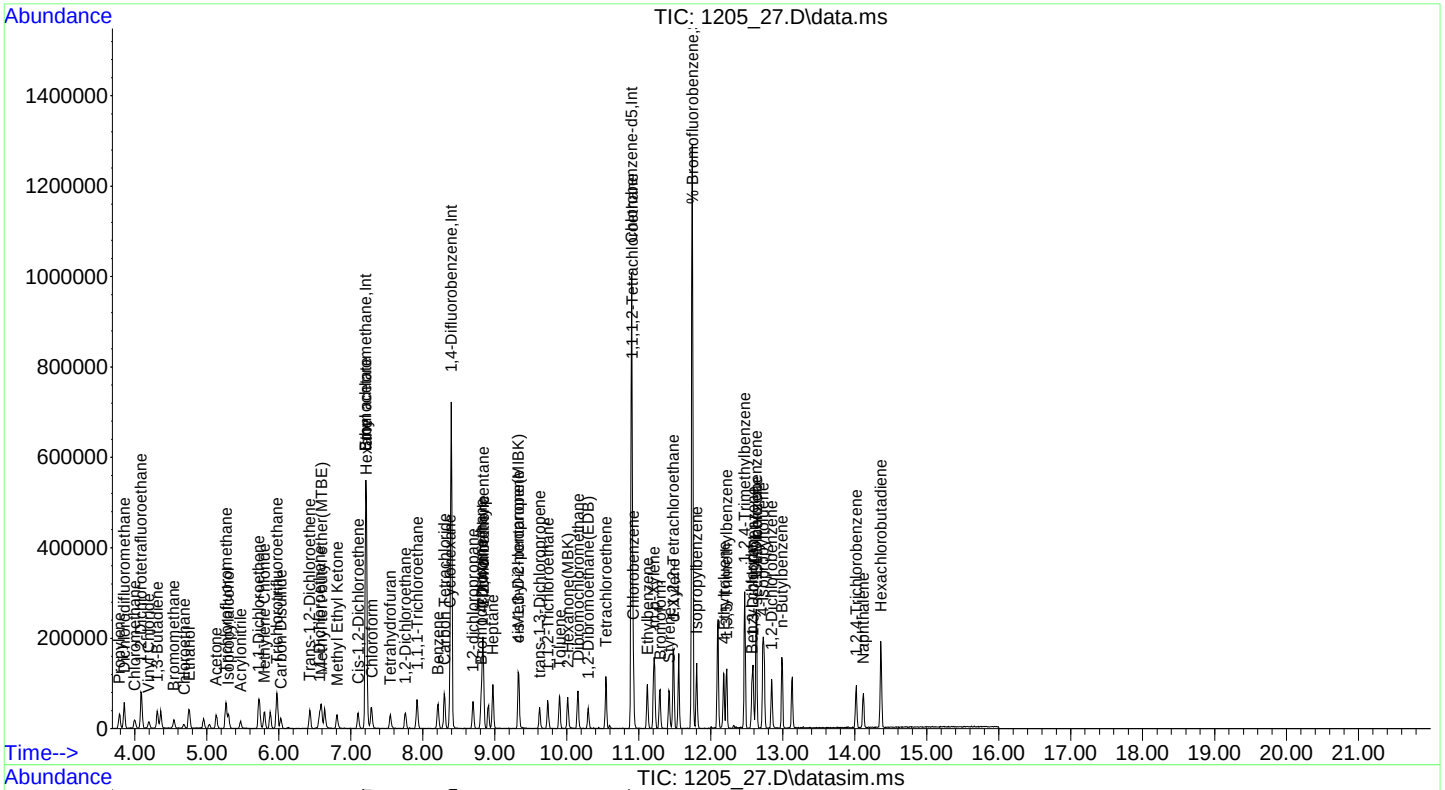
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	54956	0.813	ppbv	97
113] 4-Isopropyltoluene(sim)	12.723	119	72727	0.840	ppbv	97
114] 1,2-Dichlorobenzene(sim)	12.848	146	36968	0.816	ppbv	98
115] n-Butylbenzene(sim)	12.989	91	61671	0.891	ppbv	94
116] 1,2,4-Trichlorobenzene...	14.025	180	24911	0.634	ppbv	98
118] Hexachlorobutadiene(sim)	14.367	225	29562	0.806	ppbv	99

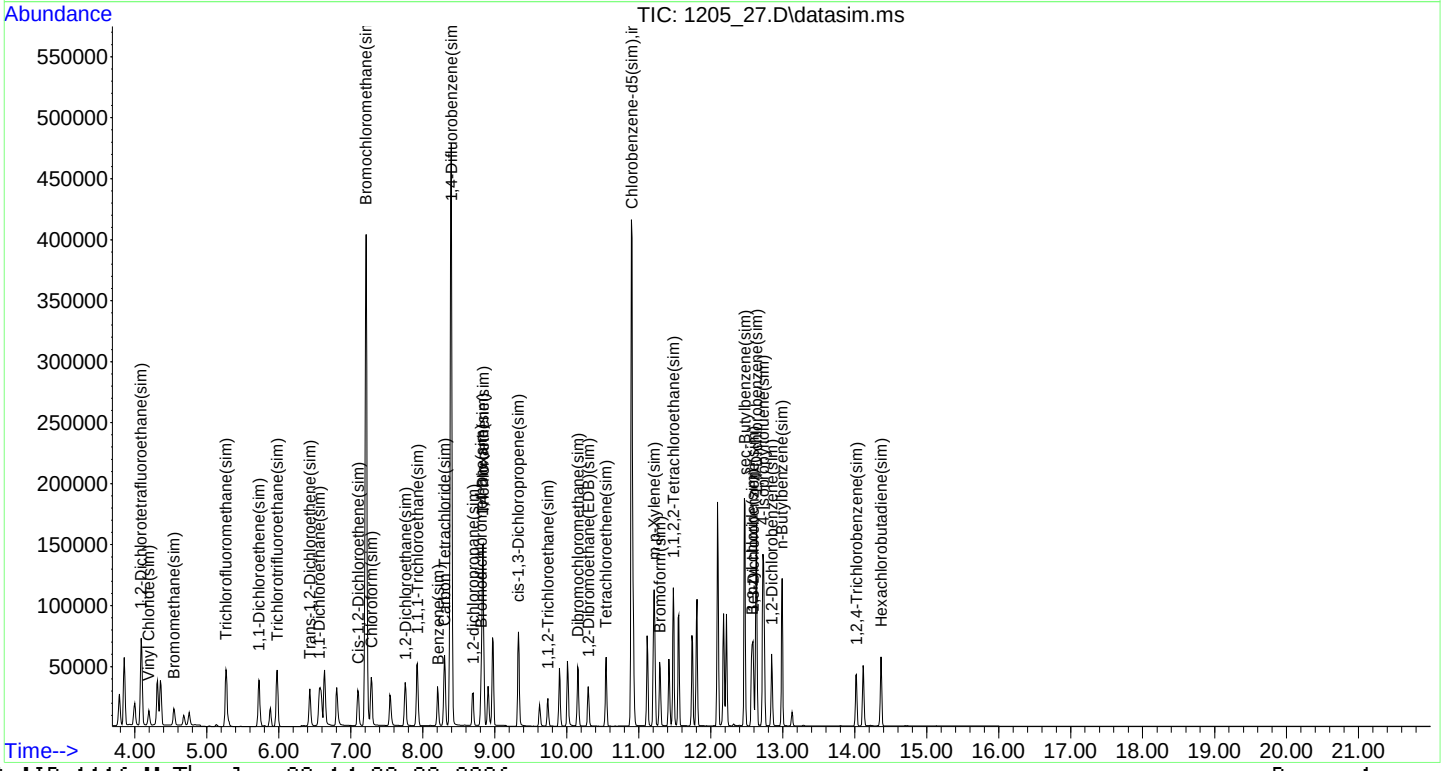
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_27.D
Acq On : 6 Dec 2025 7:47 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb cCal; TO1516S
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 06 12:19:32 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





1

AIR ANALYSIS DATA SHEET

CLIENT ID: CU88086 LCS

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 LCS

Canister: LCS Lab File ID: 1205_04.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume: 200 (cc) Date Analyzed: 12/05/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	10.2		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.3		0.202	0.202	r
74-87-3	Chloromethane	10.6		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.2		0.143	0.143	r
75-01-4	Vinyl Chloride	9.83		0.078	0.078	r
106-99-0	1,3-Butadiene	10.1		0.452	0.452	r
74-83-9	Bromomethane	9.44		0.258	0.258	r
75-00-3	Chloroethane	9.50		0.379	0.379	r
64-17-5	Ethanol	10.9		0.531	0.531	r
67-64-1	Acetone	9.00		0.421	0.421	r
75-69-4	Trichlorofluoromethane	9.62		0.178	0.178	r
67-63-0	Isopropylalcohol	10.4		0.407	0.407	r
107-13-1	Acrylonitrile	12.2		0.461	0.461	r
75-35-4	1,1-Dichloroethene	9.74		0.051	0.051	r
75-09-2	Methylene Chloride	9.43		0.863	0.863	r
75-15-0	Carbon Disulfide	9.54		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	9.37		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	9.68		0.252	0.252	r
75-34-3	1,1-Dichloroethane	9.63		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	9.60		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	10.2		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	9.26		0.051	0.051	r
110-54-3	Hexane	9.73		0.284	0.284	r
67-66-3	Chloroform	9.64		0.205	0.205	r
141-78-6	Ethyl acetate	10.2		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.71		0.339	0.339	r
107-06-2	1,2-Dichloroethane	9.95		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	9.98		0.183	0.183	r
71-43-2	Benzene	9.38		0.313	0.313	r
56-23-5	Carbon Tetrachloride	10.4		0.032	0.032	r
110-82-7	Cyclohexane	9.00		0.291	0.291	r
78-87-5	1,2-dichloropropane	9.40		0.217	0.217	r
75-27-4	Bromodichloromethane	9.78		0.149	0.149	r
79-01-6	Trichloroethene	9.34		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	9.48		0.215	0.215	r
123-91-1	1,4-Dioxane	9.15		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

CU88086 LCS

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 LCS

Canister: LCS Lab File ID: 1205_04.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.2		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	9.84		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	9.58		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	9.43		0.183	0.183	r
108-88-3	Toluene	9.37		0.266	0.266	r
124-48-1	Dibromochloromethane	9.93		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	9.60		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	9.76		0.130	0.130	r
127-18-4	Tetrachloroethene	9.22		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	9.36		0.146	0.146	r
108-90-7	Chlorobenzene	9.46		0.217	0.217	r
100-41-4	Ethylbenzene	9.66		0.230	0.230	r
179601-23-1	m,p-Xylene	19.8		0.230	0.230	r
75-25-2	Bromoform	9.96		0.097	0.097	r
100-42-5	Styrene	9.93		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	9.79		0.146	0.146	r
95-47-6	o-Xylene	9.79		0.230	0.230	r
98-82-8	Isopropylbenzene	9.14		0.204	0.204	r
622-96-8	4-Ethyltoluene	9.80		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.1		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.1		0.204	0.204	r
100-44-7	Benzyl chloride	10.8		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	9.62		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	9.80		0.166	0.166	r
135-98-8	sec-Butylbenzene	9.37		0.182	0.182	r
99-87-6	4-Isopropyltoluene	9.07		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	9.50		0.166	0.166	r
104-51-8	n-Butylbenzene	9.22		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	7.88		0.135	0.135	r
91-20-3	Naphthalene	8.04		0.200	0.200	r
87-68-3	Hexachlorobutadiene	7.84		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\12DEC\05\
Data File : 1205_04.D
Acq On : 5 Dec 2025 12:29 pm
Operator :
Client ID : CU88086 LCS
Lab ID : CU88086 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:34 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	108312	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.395	114	381431	10.000	ng		0.00
53) Chlorobenzene-d5	10.903	82	205008	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	109862	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.395	114	381553	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.903	82	205008	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	276209	9.872	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.70%				
Target Compounds							Qvalue
2) Propylene	3.785	41	188938	10.232	ppbv		98
3) Dichlorodifluoromethane	3.850	85	500382	10.315	ppbv#		97
4) Chloromethane	3.996	50	219611	10.633	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.085	85	388974	10.242	ppbv		90
6) Vinyl Chloride	4.199	62	154114	9.825	ppbv		99
7) 1,3-Butadiene	4.313	54	161136	10.128	ppbv		90
8) Bromomethane	4.540	94	114393	9.435	ppbv#		95
9) Chloroethane	4.678	64	58207	9.499	ppbv		84
11) Ethanol	4.759	45	75157	10.862	ppbv		96
12) Acetone	5.128	43	353286	9.000	ppbv#		88
13) Trichlorofluoromethane	5.269	101	454801	9.623	ppbv		99
14) Isopropylalcohol	5.299	45	388572	10.414	ppbv		100
15) Acrylonitrile	5.465	53	148012	12.177	ppbv		94
16) 1,1-Dichloroethene	5.725	61	289394	9.743	ppbv		88
17) Methylene Chloride	5.803	49	271417	9.434	ppbv#		79
20) Carbon Disulfide	6.029	76	268166	9.536	ppbv		99
21) Trichlorotrifluoroethane	5.975	101	266906	9.366	ppbv		97
22) Trans-1,2-Dichloroethene	6.430	61	243691	9.682	ppbv		91
23) 1,1-Dichloroethane	6.568	63	262988	9.630	ppbv		96
24) Methyl tert-butyl ethe...	6.593	73	319942	9.597	ppbv#		89
25) Methyl Ethyl Ketone	6.803	43	460246	10.174	ppbv#		91
26) Cis-1,2-Dichloroethene	7.104	61	229180	9.256	ppbv#		88
27) Hexane	7.225	57	272000	9.727	ppbv		85
28) Chloroform	7.290	83	279692	9.636	ppbv		92
29) Ethyl acetate	7.209	61	52853	10.171	ppbv#		83
30) Tetrahydrofuran	7.541	42	215391	9.707	ppbv#		87
31) 1,2-Dichloroethane	7.760	62	296545	9.946	ppbv		97
32) 1,1,1-Trichloroethane	7.923	97	349594	9.980	ppbv		96
33) Benzene	8.213	78	289823	9.384	ppbv#		85
34) Carbon Tetrachloride	8.308	117	425758	10.443	ppbv		99
35) Cyclohexane	8.386	84	112578	8.995	ppbv#		75
37) 1,2-dichloropropane	8.697	63	156960	9.399	ppbv#		65
38) Bromodichloromethane	8.818	83	317196	9.783	ppbv		95
39) Trichloroethene	8.836	130	178128	9.344	ppbv		94
40) 2,2,4-trimethylpentane	8.844	57	859117	9.477	ppbv		94
41) 1,4-Dioxane	8.818	88	65680	9.152	ppbv		83
43) Heptane	8.974	43	433906	10.193	ppbv#		87
44) cis-1,3-Dichloropropene	9.333	75	211525	9.838	ppbv		95
45) 4-Methyl-2-pentanone(M...	9.326	43	549320	9.579	ppbv#		93
46) trans-1,3-Dichloropropene	9.622	75	191817	10.150	ppbv		97
47) 1,1,2-Trichloroethane	9.742	97	140167	9.425	ppbv		90
48) Toluene	9.904	91	409214	9.368	ppbv#		97

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_04.D
Acq On : 5 Dec 2025 12:29 pm
Operator :
Client ID : CU88086 LCS
Lab ID : CU88086 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:34 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.157	129	379801	9.930	ppbv	99
50)	2-Hexanone(MBK)	10.009	43	522070	9.595	ppbv	96
51)	1,2-Dibromoethane(EDB)	10.298	107	266105	9.758	ppbv	99
52)	Tetrachloroethene	10.551	166	242978	9.221	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.918	131	239112	9.355	ppbv	96
55)	Chlorobenzene	10.933	112	349564	9.463	ppbv	83
56)	Ethylbenzene	11.122	91	583364	9.662	ppbv	98
57)	m,p-Xylene	11.221	91	963531	19.827	ppbv	99
58)	Bromoform	11.297	173	382227	9.960	ppbv	98
59)	Styrene	11.426	104	341950	9.930	ppbv#	91
60)	1,1,2,2-Tetrachloroethane	11.486	83	298310	9.786	ppbv#	88
61)	o-Xylene	11.486	91	503321	9.787	ppbv	98
65)	Isopropylbenzene	11.805	105	681409	9.138	ppbv	97
66)	4-Ethyltoluene	12.184	105	734392	9.802	ppbv	98
67)	1,3,5-Trimethylbenzene	12.222	105	653883	10.142	ppbv	97
68)	1,2,4-Trimethylbenzene	12.473	105	671793	10.075	ppbv	97
70)	Benzyl chloride	12.572	91	548369	10.823	ppbv	97
71)	1,3-Dichlorobenzene	12.594	146	459610	9.617	ppbv	97
72)	1,4-Dichlorobenzene	12.632	146	458348	9.795	ppbv	99
73)	sec-Butylbenzene	12.640	105	884298	9.372	ppbv	96
74)	4-Isopropyltoluene	12.731	119	858842	9.073	ppbv	99
75)	1,2-Dichlorobenzene	12.853	146	430570	9.499	ppbv	98
76)	n-Butylbenzene	12.997	91	703627	9.215	ppbv#	97
77)	1,2,4-Trichlorobenzene	14.022	180	272283	7.884	ppbv	97
78)	Naphthalene	14.121	128	607681	8.042	ppbv#	99
79)	Hexachlorobutadiene	14.372	225	295578	7.841	ppbv	99
81]	1,2-Dichlorotetrafluor...	4.085	85	388960	10.147	ppbv	90
82]	Vinyl Chloride(sim)	4.194	62	162946	9.709	ppbv	99
83]	Bromomethane(sim)	4.540	94	114393	9.071	ppbv#	95
84]	Trichlorofluoromethane...	5.272	101	468367	9.292	ppbv#	99
85]	1,2-Dichloroethane(sim)	7.760	62	296545	9.601	ppbv	97
86]	1,1,1-Trichloroethane(...	7.925	97	361595	9.740	ppbv#	97
87]	Benzene(sim)	8.213	78	289823	8.436	ppbv#	85
88]	Carbon Tetrachloride(sim)	8.302	117	416934	10.548	ppbv	100
89]	1,1-Dichloroethene(sim)	5.725	61	289394	9.058	ppbv	88
90]	Trichlorotrifluoroetha...	5.978	101	274631	9.113	ppbv#	99
91]	Trans-1,2-Dichloroethe...	6.430	61	243691	9.299	ppbv	91
92]	1,1-Dichloroethane(sim)	6.563	63	279522	9.231	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.104	61	229180	8.662	ppbv#	88
94]	Chloroform(sim)	7.293	83	287063	8.684	ppbv#	88
96]	1,2-dichloropropane(sim)	8.700	63	165314	9.007	ppbv#	63
97]	Bromodichloromethane(sim)	8.818	83	317196	9.909	ppbv	96
98]	Trichloroethene(sim)	8.839	130	183859	9.006	ppbv	95
99]	1,4-Dioxane(sim)	8.818	88	65680	9.715	ppbv	83
100]	cis-1,3-Dichloropropen...	9.329	75	226118	10.466	ppbv	98
101]	1,1,2-Trichloroethane(...	9.742	97	140167	8.682	ppbv	90
102]	Dibromochloromethane(sim)	10.160	129	373380	10.831	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.298	107	266105	9.950	ppbv	100
104]	Tetrachloroethene(sim)	10.547	166	248358	9.030	ppbv	97
106]	Bromoform(sim)	11.300	173	375365	10.017	ppbv	100
107]	m,p-Xylene(sim)	11.221	91	965464	18.506	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.482	83	307867	9.192	ppbv#	93
109]	Benzyl chloride(sim)	12.572	91	548105	11.303	ppbv	97
110]	1,3-Dichlorobenzene(sim)	12.590	146	499643	9.339	ppbv	98
111]	1,4-Dichlorobenzene(sim)	12.632	146	458348	9.422	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_04.D
Acq On : 5 Dec 2025 12:29 pm
Operator :
Client ID : CU88086 LCS
Lab ID : CU88086 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:34 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

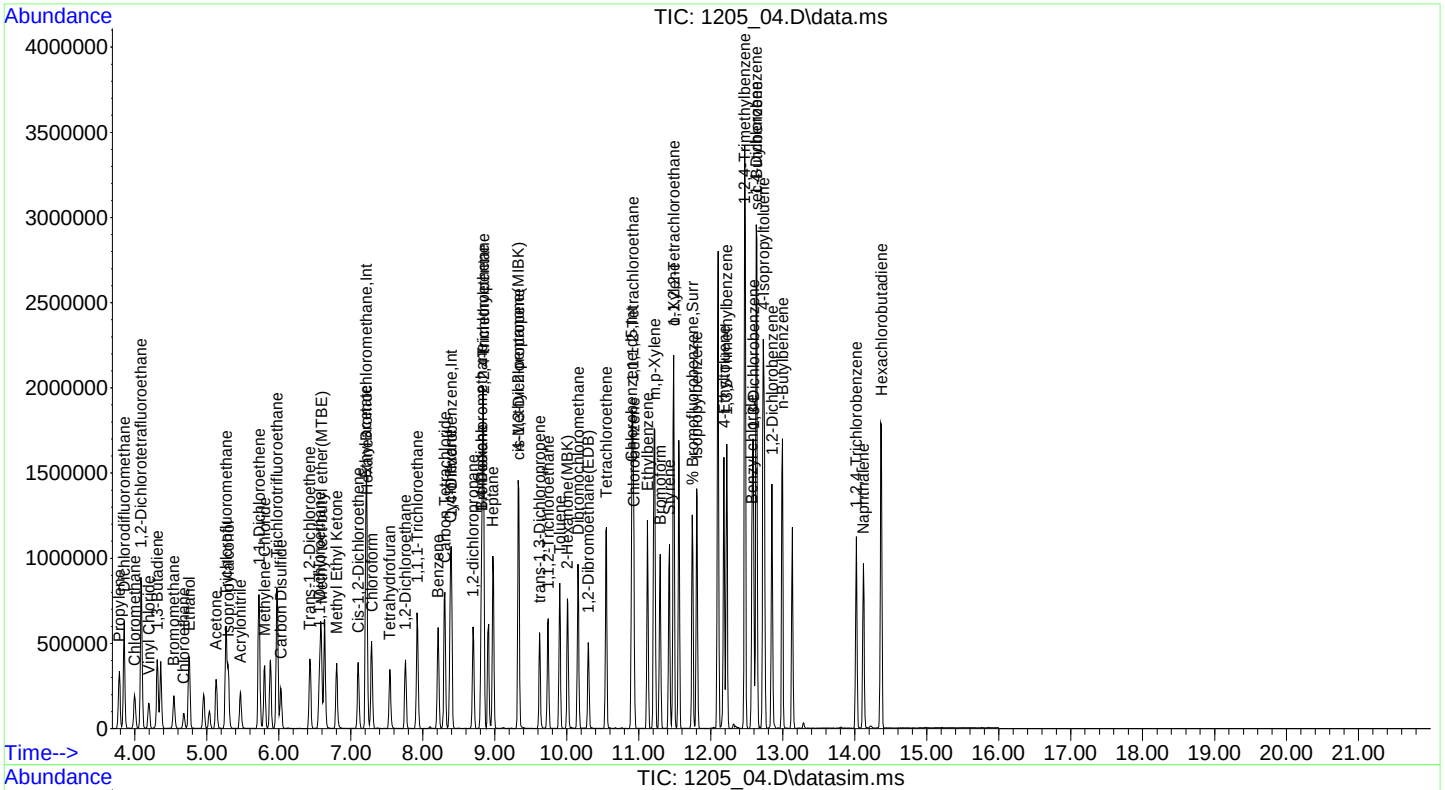
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
112] sec-Butylbenzene(sim)	12.476	105	730931	9.661	ppbv	98
113] 4-Isopropyltoluene(sim)	12.731	119	858842	8.865	ppbv	99
114] 1,2-Dichlorobenzene(sim)	12.856	146	470930	9.289	ppbv	98
115] n-Butylbenzene(sim)	12.997	91	703627	9.083	ppbv	97
116] 1,2,4-Trichlorobenzene...	14.025	180	297426	6.761	ppbv	97
118] Hexachlorobutadiene(sim)	14.367	225	307900	6.887	ppbv	99

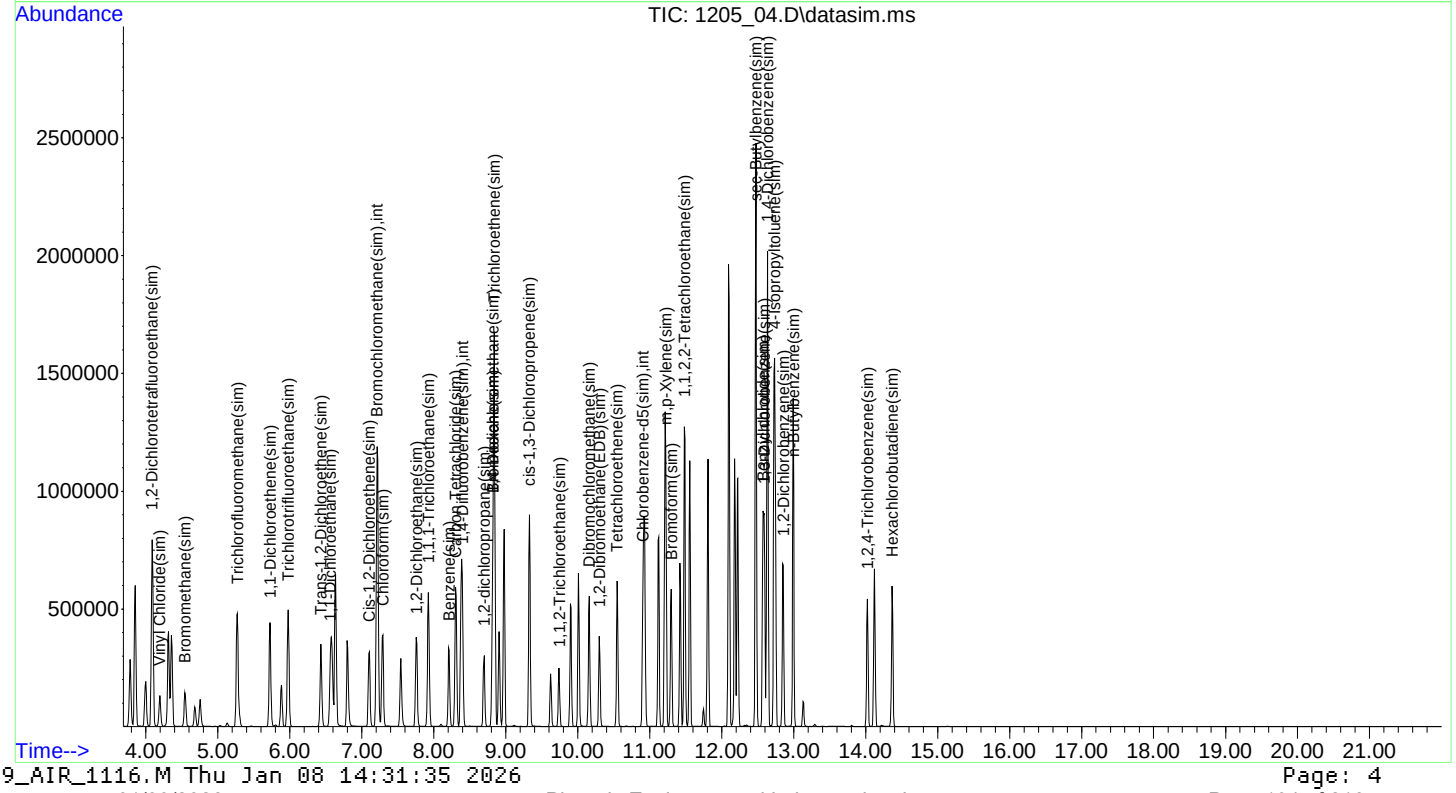
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_04.D
Acq On : 5 Dec 2025 12:29 pm
Operator :
Client ID : CU88086 LCS
Lab ID : CU88086 LCS
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 12:52:34 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CU88086 BLANK

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 BL

Canister: BL Lab File ID: 1205_05.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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

CLIENT ID

AIR ANALYSIS DATA SHEET

CU88086 BLANK

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 BL

Canister: BL Lab File ID: 1205_05.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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\CHEM39\12DEC\05\
Data File : 1205_05.D
Acq On : 5 Dec 2025 1:04 pm
Operator :
Client ID : CU88086 BLANK
Lab ID : CU88086 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 15:33:00 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

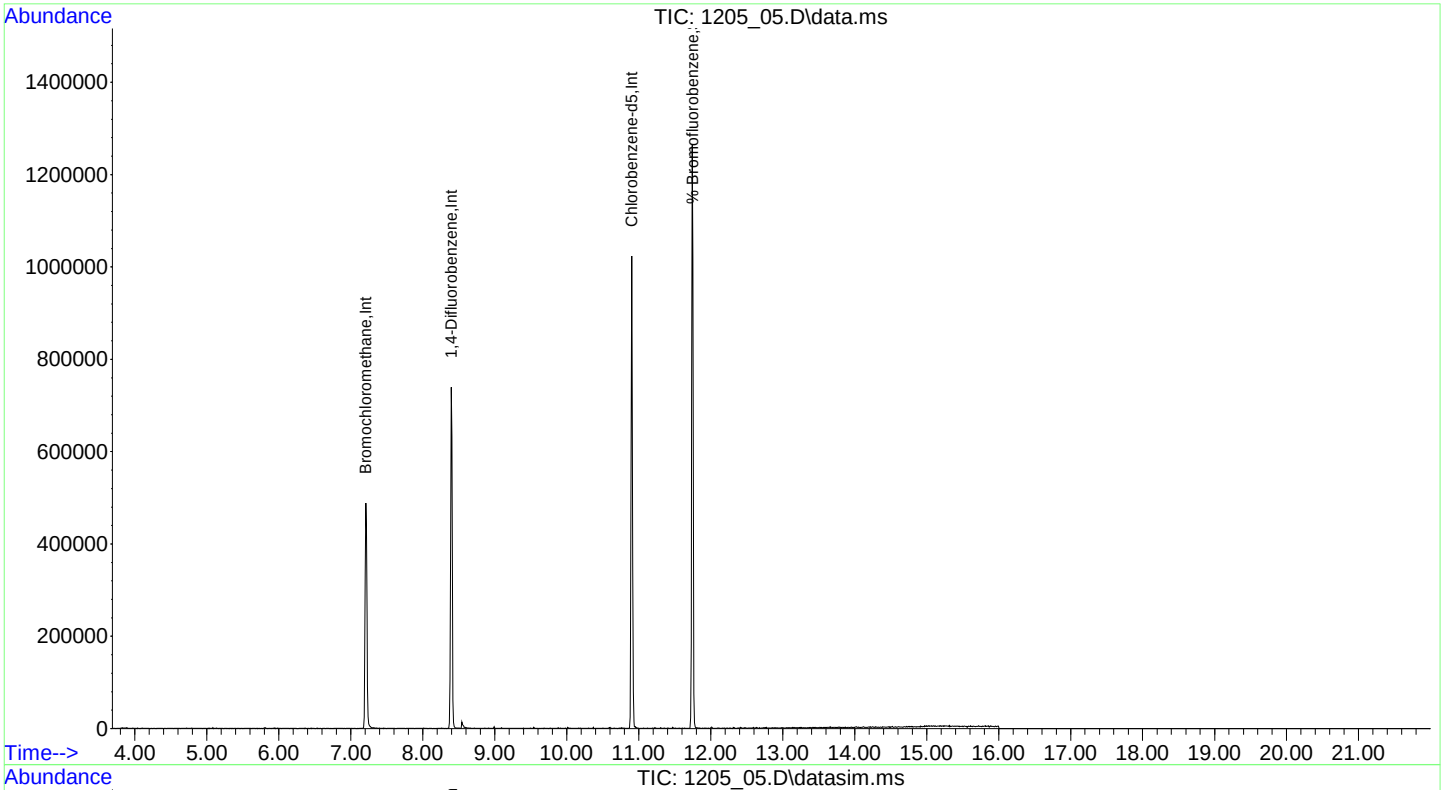
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.209	130	119834	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.394	114	417568	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	202304	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	119936	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.394	114	417568	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	202745	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	275470	9.977	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.80%			
Target Compounds							Qvalue

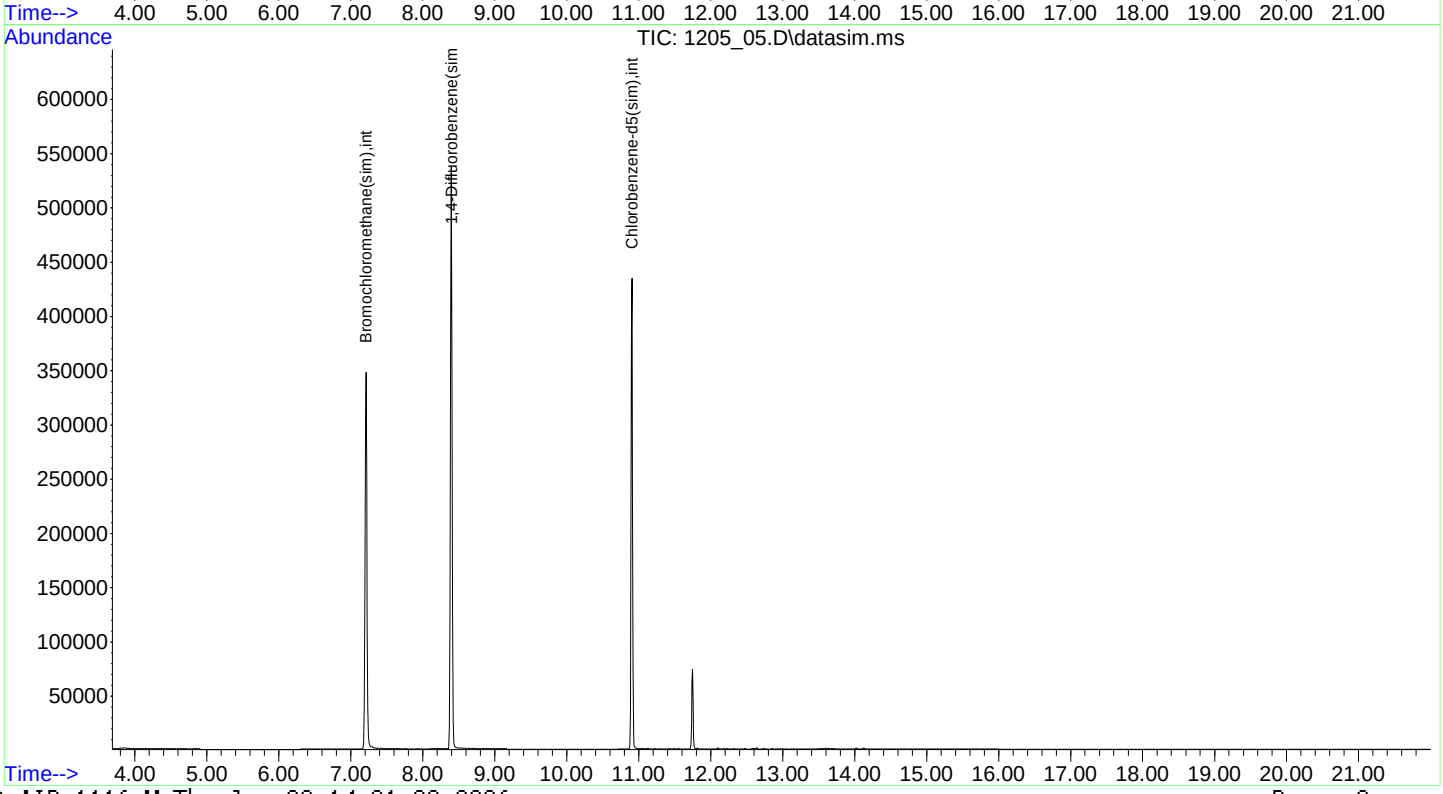
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_05.D
Acq On : 5 Dec 2025 1:04 pm
Operator :
Client ID : CU88086 BLANK
Lab ID : CU88086 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 05 15:33:00 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration





AIR ANALYSIS DATA SHEET

CLIENT ID

(AMBIENT / OUTDOOR AIR)

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 DUP

Canister: 53535 Lab File ID: 1205_09.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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	0.428		0.202	0.202	r
74-87-3	Chloromethane	0.500		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	24.8	S	0.531	0.531	r
67-64-1	Acetone	2.02	S	0.421	0.421	r
67-63-0	Isopropylalcohol	2.47	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.298		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

AIR ANALYSIS DATA SHEET

CLIENT ID: (AMBIENT / OUTDOOR AIR)

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CU88086 DUP

Canister: 53535 Lab File ID: 1205_09.D

Instrument: CHEM39 Column: ГX-1 ; #10157 Date Received: 12/04/25

Purge Volume 200 (cc) Date Analyzed: 12/05/25

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)	0.193		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)	0.071		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
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

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_09.D
Acq On : 5 Dec 2025 3:42 pm
Operator :
Client ID : AA5 (AMBIENT / OUTDOOR AIR) DUP
Lab ID : CU88086 DUP
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 07:19:51 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration

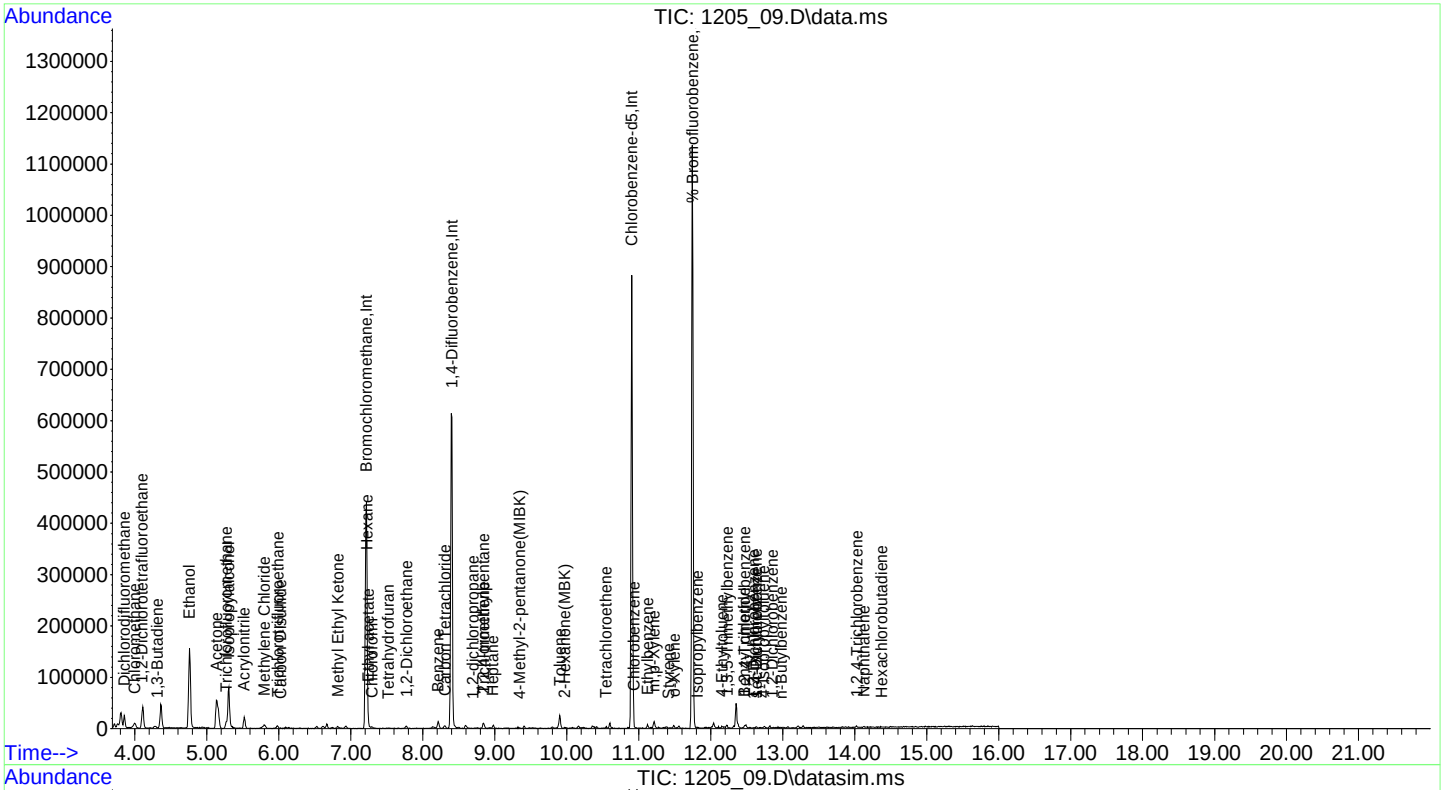
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.217	130	103109	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.403	114	355683	10.000	ng		0.00
53) Chlorobenzene-d5	10.902	82	169774	10.000	ng	#	0.00
80) Bromochloromethane(sim)	7.212	130	105082	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.403	114	355683	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.902	82	170127	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.744	95	243674	10.516	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.20%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.850	85	19763	0.428	ppbv	#	96
4) Chloromethane	3.996	50	9823	0.500	ppbv		98
11) Ethanol	4.758	45	163650	24.846	ppbv		96
12) Acetone	5.133	43	75596	2.023	ppbv	#	88
13) Trichlorofluoromethane	5.268	101	9092	0.202	ppbv		99
14) Isopropylalcohol	5.305	45	87824	2.473	ppbv		95
34) Carbon Tetrachloride	8.308	117	2851	0.073	ppbv		99
48) Toluene	9.903	91	12117	0.297	ppbv	#	98
84] Trichlorofluoromethane...	5.271	101	9291	0.193	ppbv	#	99
88] Carbon Tetrachloride(sim)	8.311	117	2695	0.071	ppbv		99

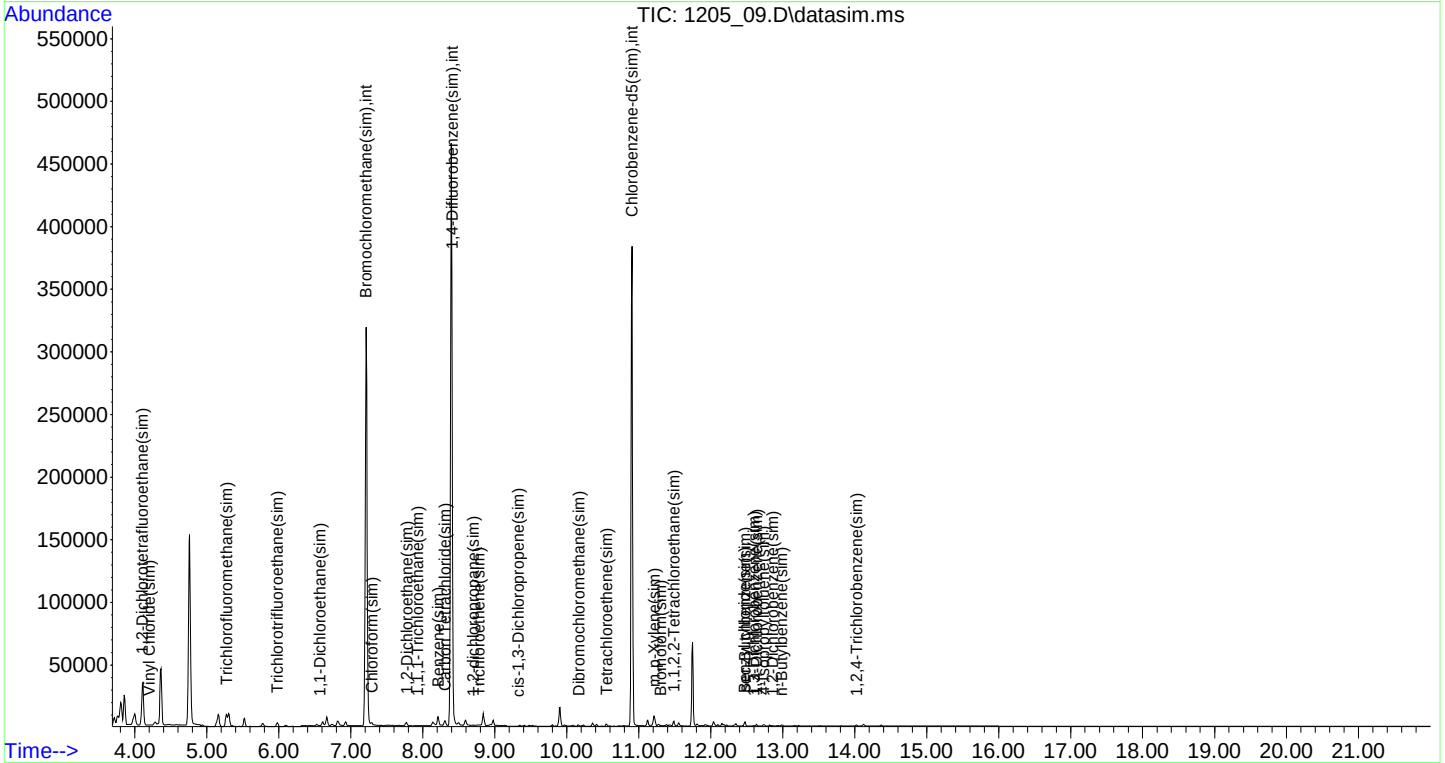
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

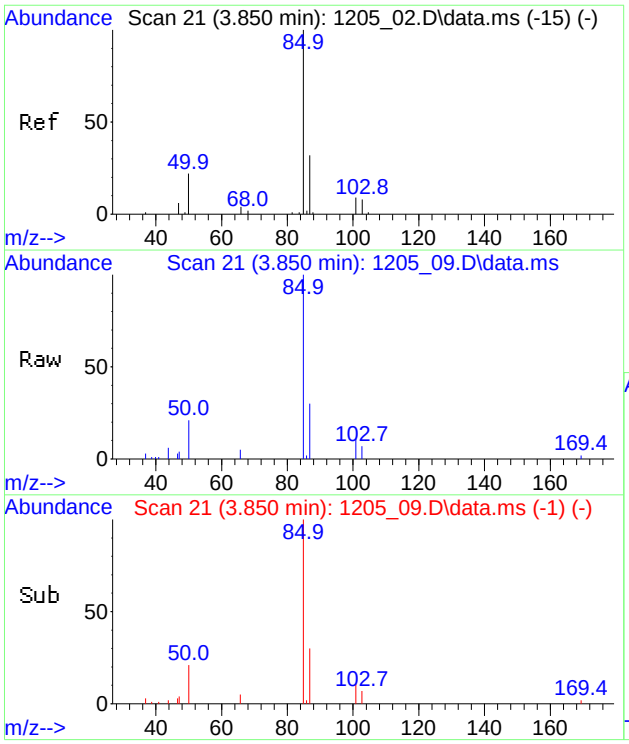
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM39\12DEC\05\
Data File : 1205_09.D
Acq On : 5 Dec 2025 3:42 pm
Operator :
Client ID : AA5 (AMBIENT / OUTDOOR AIR) DUP
Lab ID : CU88086 DUP
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 07:19:51 2025
Quant Method : H:\AIR2025\CHEM39\Methods\39_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:36:36 2025
Response via : Initial Calibration



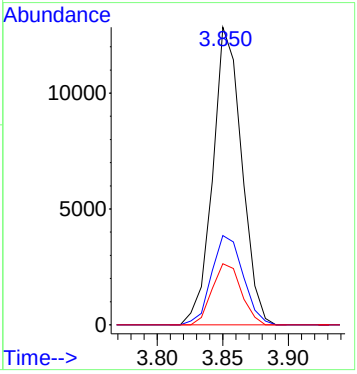


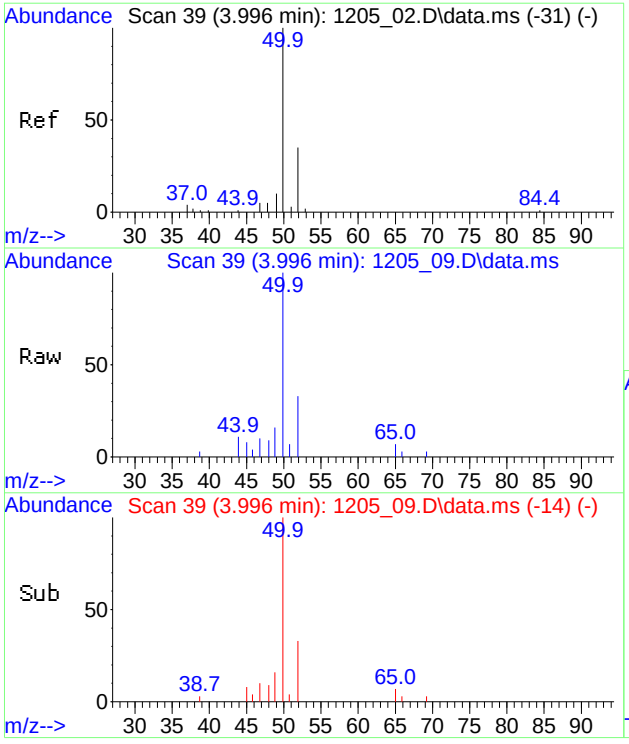


#3
Dichlorodifluoromethane
Conc: 8$ 0.428 ppbv
RT: 3.850 min Scan# 21
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 85 Resp: 19763

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.4	38.2
50	20.7	13.1	19.7#

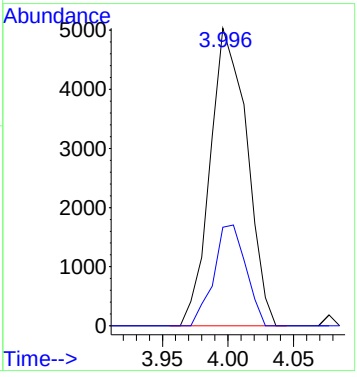


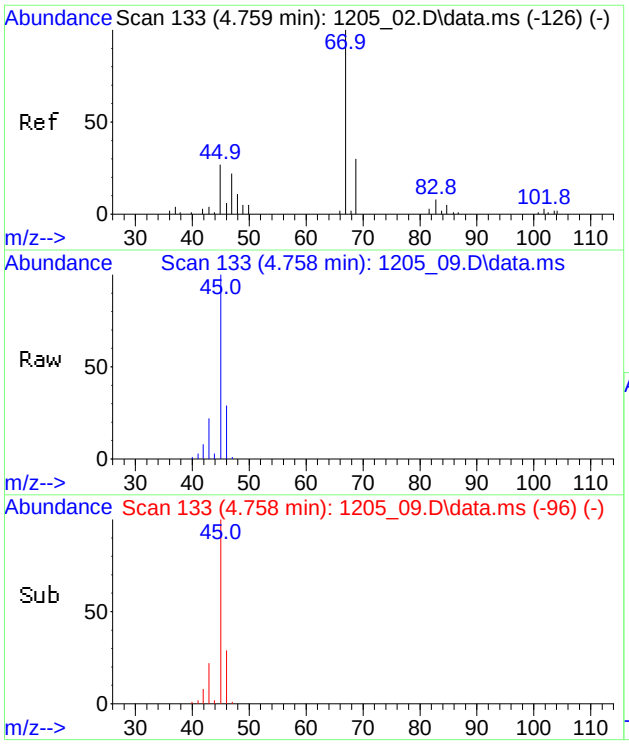


#4
Chloromethane
Conc: 8$ 0.500 ppbv
RT: 3.996 min Scan# 39
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 50 Resp: 9823

Ion	Ratio	Lower	Upper
50	100		
52	29.6	11.0	51.0

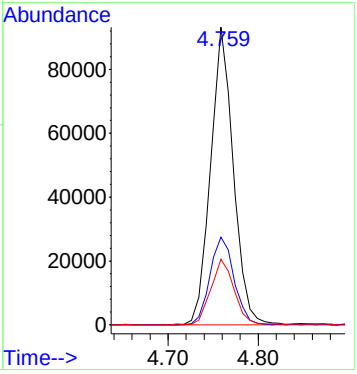


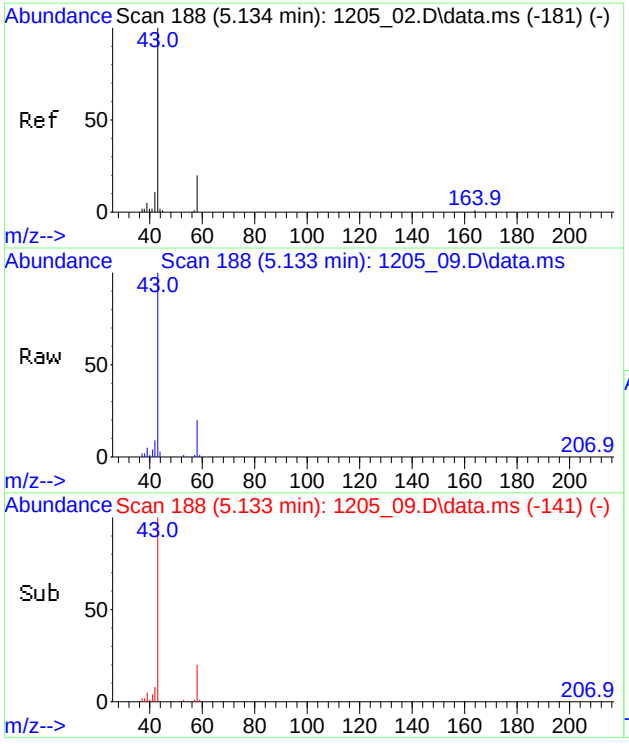


#11
Ethanol
Conc: 8$ 24.846 ppbv
RT: 4.758 min Scan# 133
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 45 Resp: 163650

Ion	Ratio	Lower	Upper
45	100		
46	31.2	25.4	38.0
43	22.9	21.2	31.8

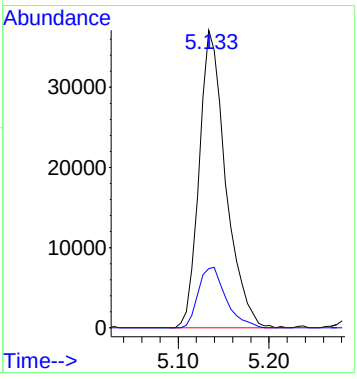


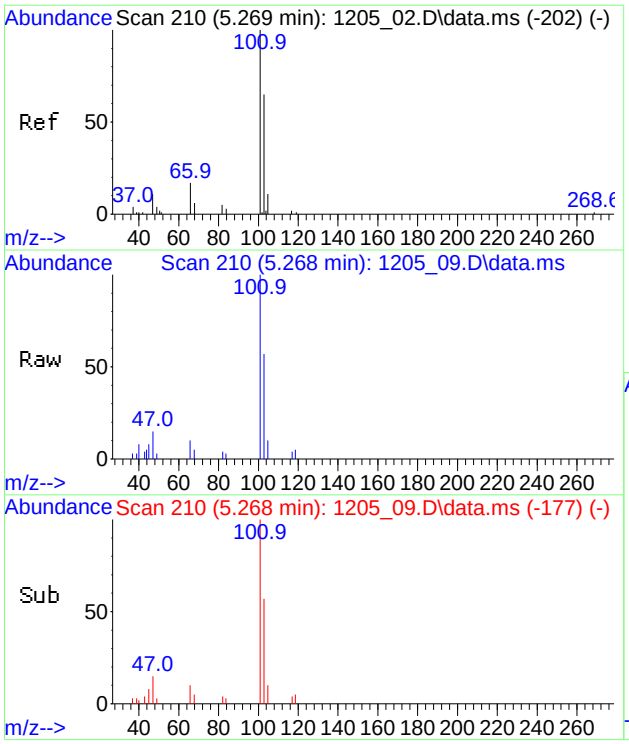


#12
Acetone
Conc: 8$ 2.023 ppbv
RT: 5.133 min Scan# 188
Delta R.T. 0.006 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 43 Resp: 75596

Ion	Ratio	Lower	Upper
43	100		
58	21.1	21.8	32.6#

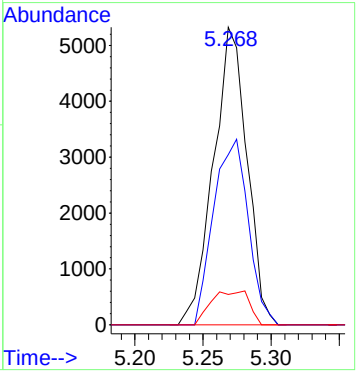


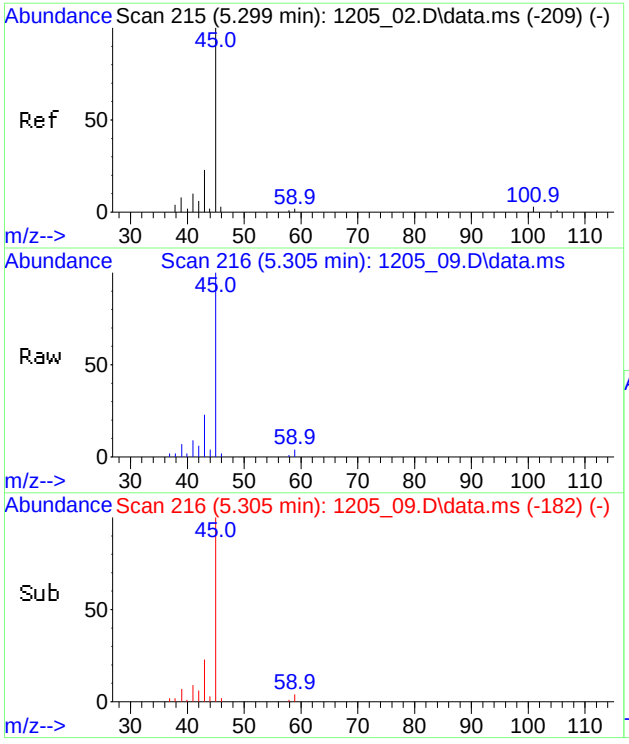


#13
Trichlorofluoromethane
Conc: 8$ 0.202 ppbv
RT: 5.268 min Scan# 210
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion:101 Resp: 9092

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.3	76.9
66	12.9	10.7	16.1

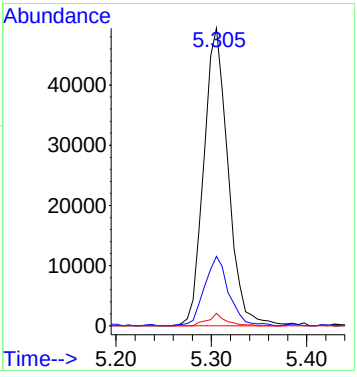


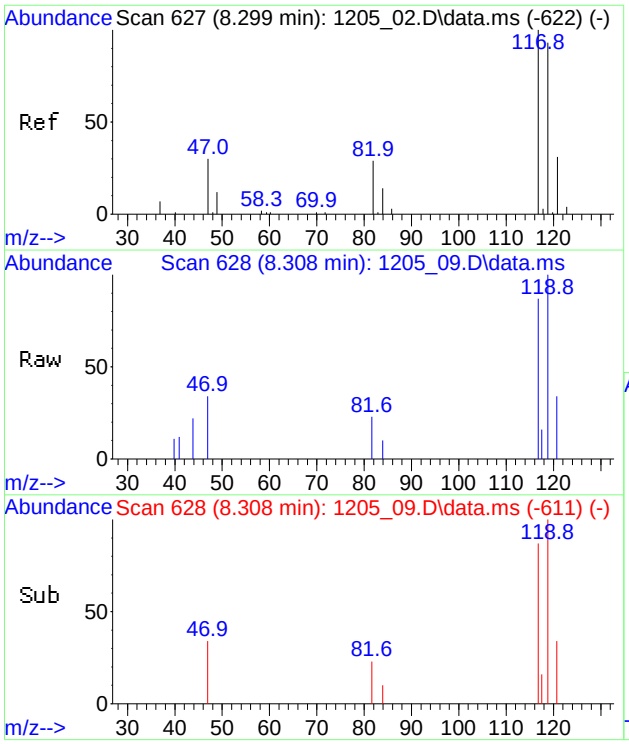


#14
Isopropylalcohol
Conc: 8$ 2.473 ppbv
RT: 5.305 min Scan# 216
Delta R.T. 0.006 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 45 Resp: 87824

Ion	Ratio	Lower	Upper
45	100		
43	23.4	16.8	25.2
59	3.1	2.8	4.2

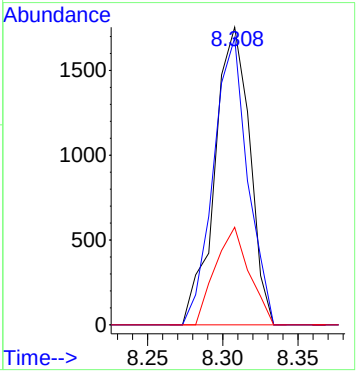


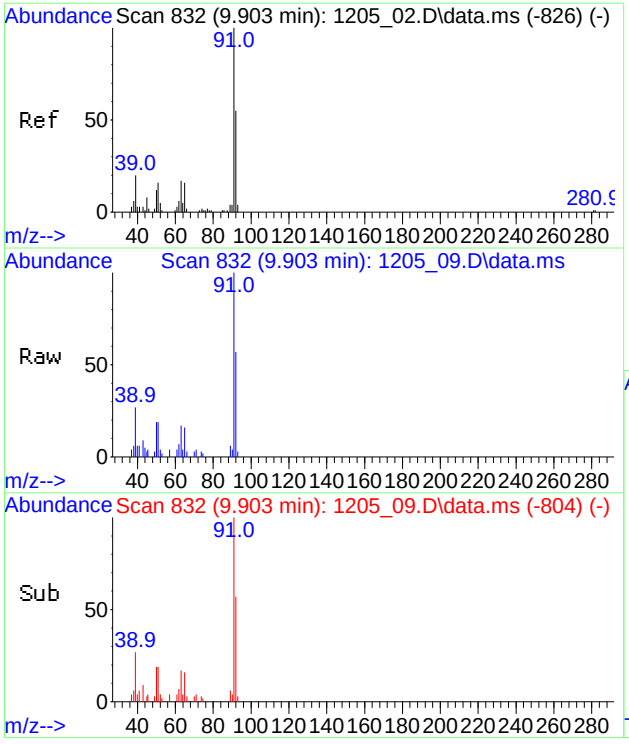


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.308 min Scan# 628
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion:117 Resp: 2851

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	115.8
121	31.8	11.5	51.5

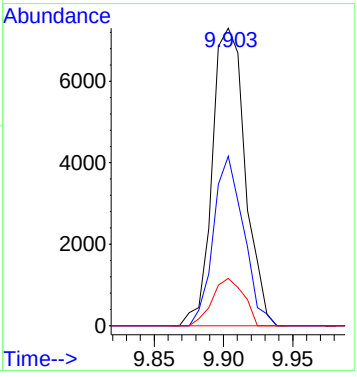


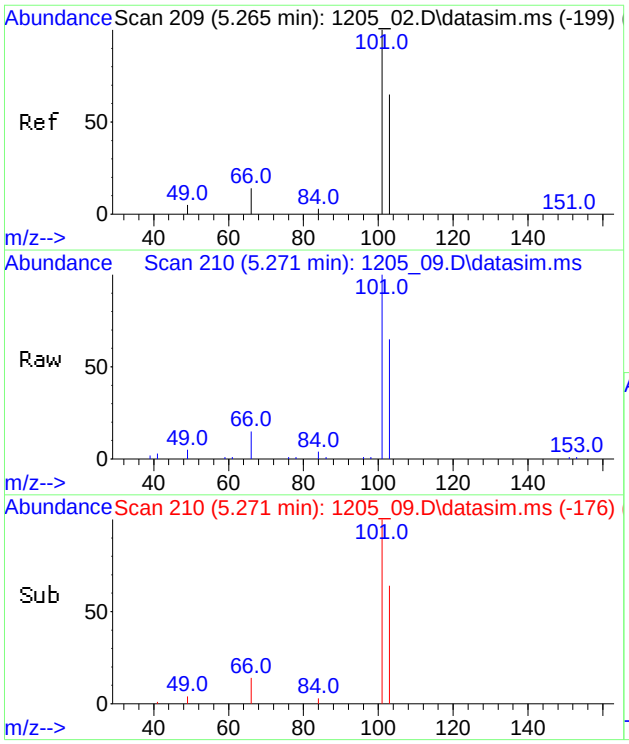


#48
Toluene
Conc: 8$ 0.297 ppbv
RT: 9.903 min Scan# 832
Delta R.T. -0.000 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion: 91 Resp: 12117

Ion	Ratio	Lower	Upper
91	100		
92	52.4	42.6	63.8
65	15.2	10.0	15.0#

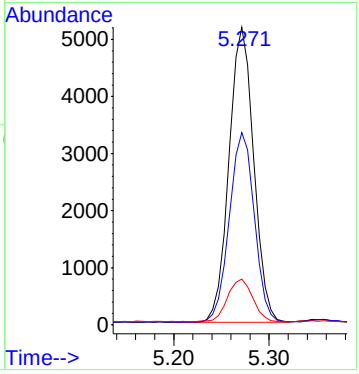


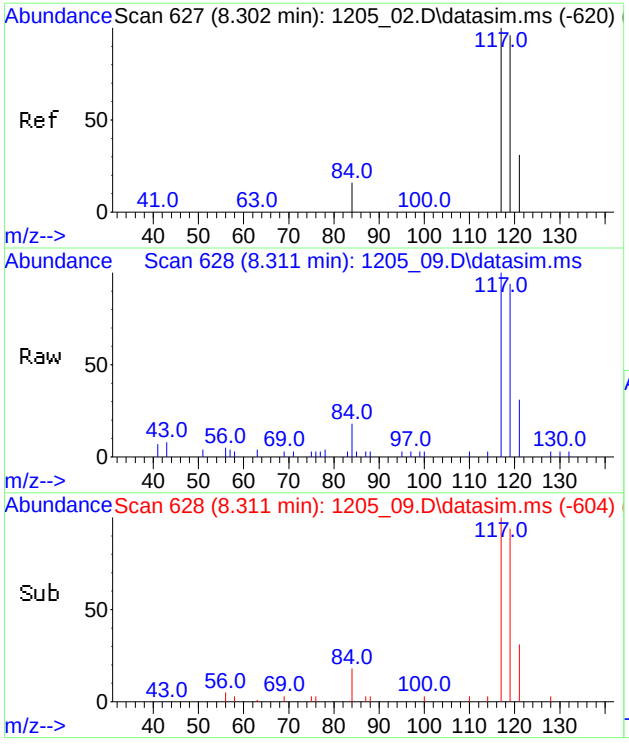


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.193 ppbv
RT: 5.271 min Scan# 210
Delta R.T. 0.006 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion:101 Resp: 9291

Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.6
66	14.8	13.2	13.2#

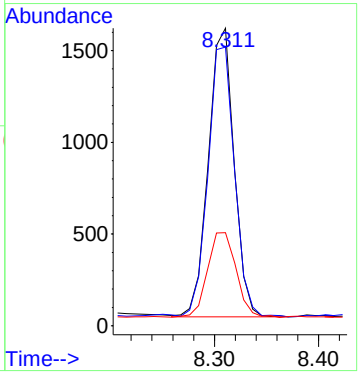




#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.071 ppbv
RT: 8.311 min Scan# 628
Delta R.T. 0.009 min
Lab File: 1205_09.D
Acq: 5 Dec 2025 3:42 pm

Tgt Ion:117 Resp: 2695

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8
121	32.7	24.4	36.6



CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 4187

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CANISTER BLK 4187

Canister: CANBL Lab File ID: 1121_09.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 11/21/25

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 4187

Client: AMC-ENG Lab: Phoenix Env. Labs

SDG No.: GCU88084 Lab Sample ID: CANISTER BLK 4187

Canister: CANBL Lab File ID: 1121_09.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 11/21/25

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

January 08, 2026

Batch Id: 4187

QC Canister Id: 779

SDG ID: GCU88084

Sample Canister Ids: 28623, 4624, 53506, 53535, 53539

Certification Date: 11/21/25 5:08 PM

Data File: H:\AIR2025\CHEM24\11NOV\21\1121_09.D\1121_09-24_AIR_1116.rr

Project ID: 58 GERRY & 25 BARTLETT

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\11NOV\21\
Data File : 1121_09.D
Acq On : 21 Nov 2025 5:08 pm
Operator : Keith
Client ID : CANISTER BLK 4187
Lab ID : CANISTER BLK 4187
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 22 06:06:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:17:34 2025
Response via : Initial Calibration

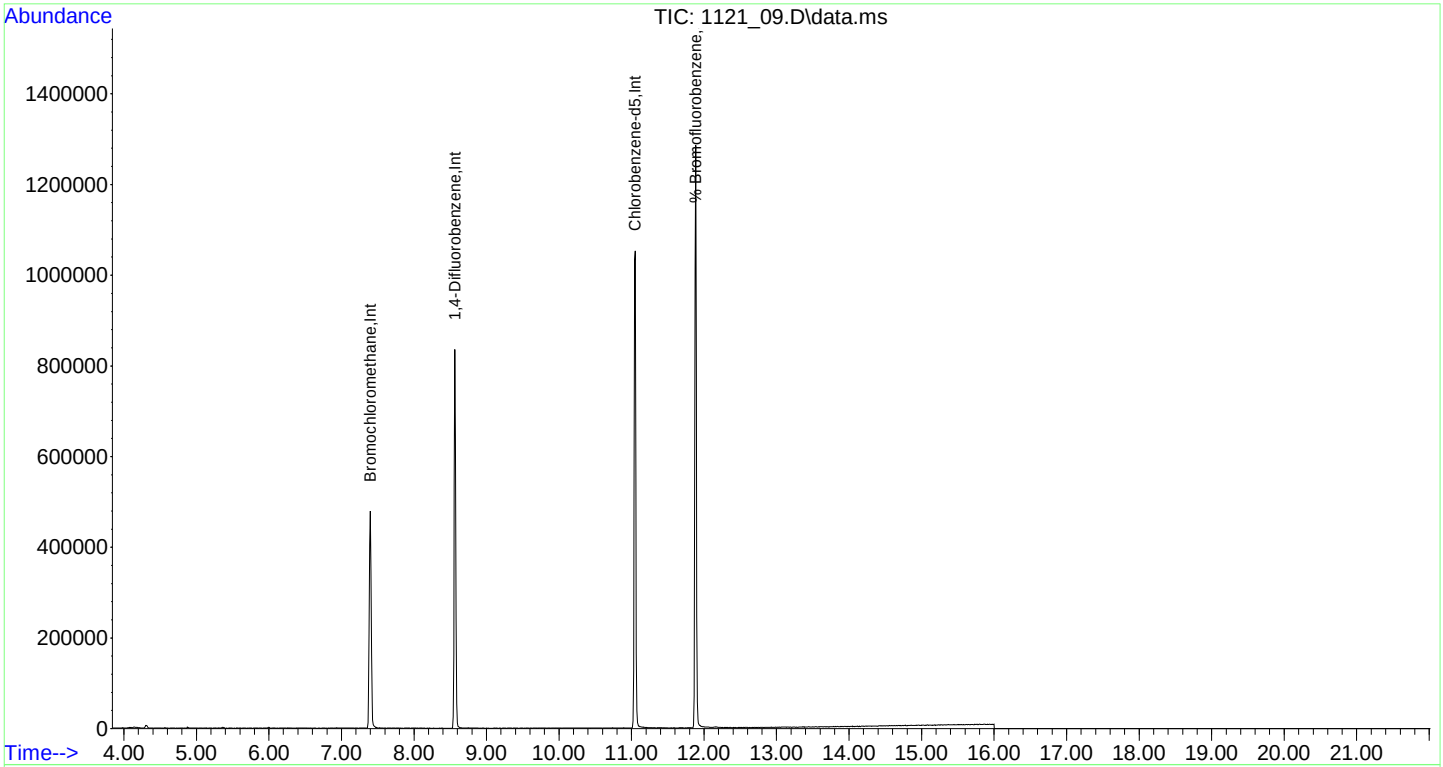
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.397	130	179904	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.565	114	618922	10.000	ng		0.00
53) Chlorobenzene-d5	11.043	82	295998	10.000	ng		0.00
80) Bromochloromethane(sim)	7.400	130	198523	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.565	114	618922	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	11.043	82	296073	10.000	ng	#	0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.885	95	365453	9.900	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.00%			
Target Compounds							Qvalue

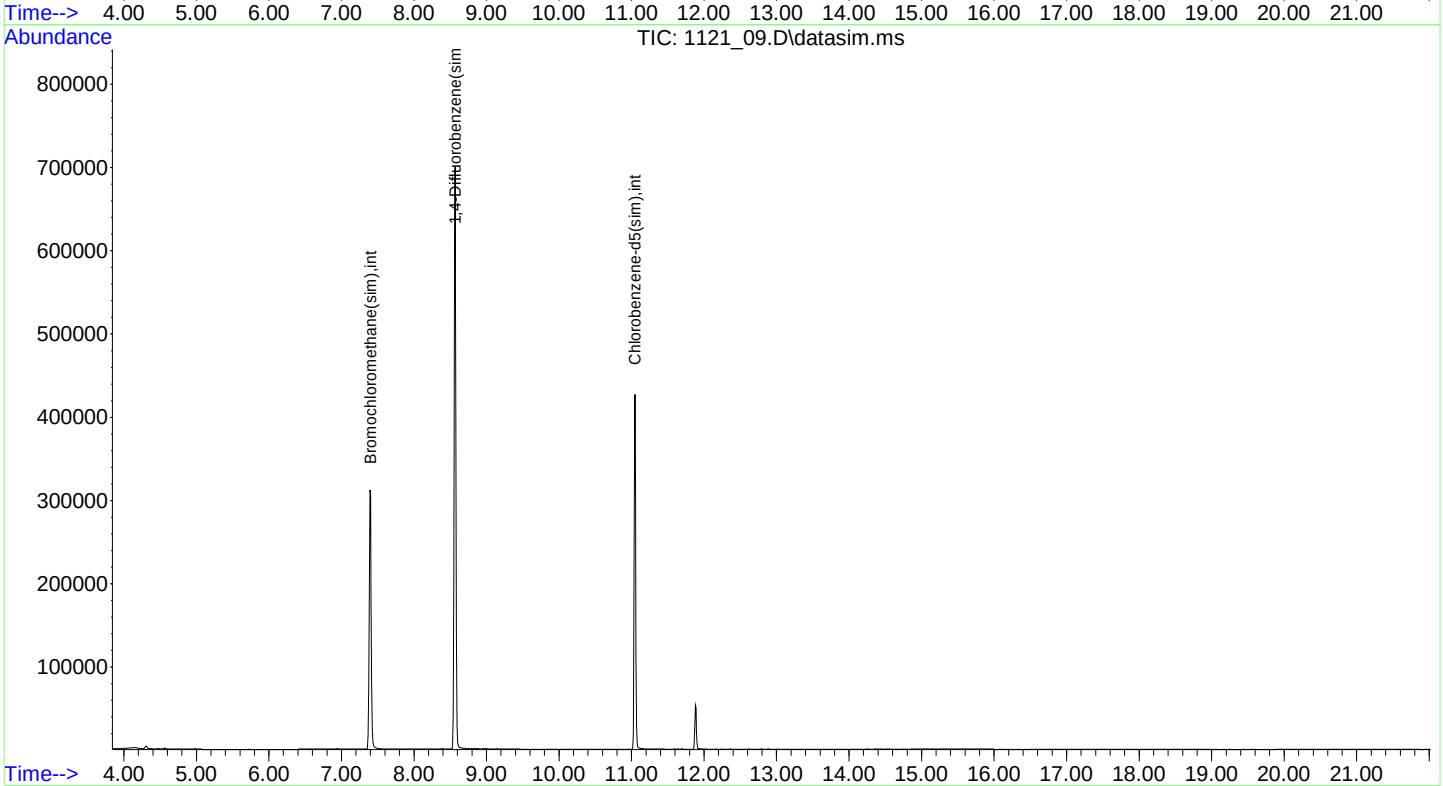
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2025\CHEM24\11NOV\21\
Data File : 1121_09.D
Acq On : 21 Nov 2025 5:08 pm
Operator : Keith
Client ID : CANISTER BLK 4187
Lab ID : CANISTER BLK 4187
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 22 06:06:11 2025
Quant Method : H:\AIR2025\CHEM24\Methods\24_AIR_1116.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Nov 17 10:17:34 2025
Response via : Initial Calibration





Injection Log

Data Directory: H:\AIR2025\CHEM24\11NOV\21\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	1123_32.D	xxxxxxxxxx		N/A
2)	1	1121_01.D	xxxxxxxxxx		11/21/25 12:13
3)	2	1121_02.D	xxxxxxxxxx		11/21/25 12:50
4)	3	1121_03.D	xxxxxxxxxx		11/21/25 13:26
5)	4	1121_04.D	xxxxxxxxxx		11/21/25 14:03
6)	5	1121_05.D	xxxxxxxxxx		11/21/25 14:38
7)	6	1121_06.D	xxxxxxxxxx		11/21/25 15:14
8)	7	1121_07.D	xxxxxxxxxx		11/21/25 15:52
9)	8	1121_08.D	xxxxxxxxxx		11/21/25 16:29
10)	9	1121_09.D	CANISTER BLK 4187	CANISTER BLK 4187	11/21/25 17:08
11)	10	1121_10.D	xxxxxxxxxx		11/21/25 17:49
12)	11	1121_11.D	xxxxxxxxxx		11/21/25 18:32
13)	12	1121_12.D	xxxxxxxxxx		11/21/25 19:15
14)	13	1121_13.D	xxxxxxxxxx		11/21/25 19:57
15)	14	1121_14.D	xxxxxxxxxx		11/21/25 20:40
16)	15	1121_15.D	xxxxxxxxxx		11/21/25 21:22
17)	16	1121_16.D	xxxxxxxxxx		11/21/25 22:05
18)	17	1121_17.D	xxxxxxxxxx		11/21/25 22:46
19)	18	1121_18.D	xxxxxxxxxx		11/21/25 23:28
20)	19	1121_19.D	xxxxxxxxxx		11/22/25 0:11
21)	20	1121_20.D	xxxxxxxxxx		11/22/25 0:54
22)	21	1121_21.D	xxxxxxxxxx		11/22/25 1:36
23)	22	1121_22.D	xxxxxxxxxx		11/22/25 2:18
24)	23	1121_23.D	xxxxxxxxxx		11/22/25 2:59
25)	24	1121_24.D	xxxxxxxxxx		11/22/25 3:40
26)	25	1121_25.D	xxxxxxxxxx		11/22/25 4:22
27)	26	1121_26.D	xxxxxxxxxx		11/22/25 5:04
28)	27	1121_27.D	xxxxxxxxxx		11/22/25 5:40
29)	28	1121_28.D	xxxxxxxxxx		11/22/25 6:16
30)	29	1121_29.D	xxxxxxxxxx		11/22/25 6:54
31)	30	1121_30.D	xxxxxxxxxx		11/22/25 7:29
32)	31	1121_31.D	xxxxxxxxxx		11/22/25 8:03
33)	32	1121_32.D	xxxxxxxxxx		11/22/25 8:38
34)	1	1122_01.D	xxxxxxxxxx		11/22/25 9:14
35)	1	1122_02.D	xxxxxxxxxx		11/22/25 9:50
36)	1	1122_03.D	xxxxxxxxxx		11/22/25 10:27
37)	1	1122_04.D	xxxxxxxxxx		11/22/25 11:02
38)	1	1122_05.D	xxxxxxxxxx		11/22/25 11:37
39)	2	1122_06.D	xxxxxxxxxx		11/22/25 12:15
40)	3	1122_07.D	xxxxxxxxxx		11/22/25 12:53
41)	4	1122_08.D	xxxxxxxxxx		11/22/25 13:31
42)	5	1122_09.D	xxxxxxxxxx		11/22/25 14:09
43)	6	1122_10.D	xxxxxxxxxx		11/22/25 14:47
44)	7	1122_11.D	xxxxxxxxxx		11/22/25 15:25
45)	8	1122_12.D	xxxxxxxxxx		11/22/25 15:59
46)	9	1122_13.D	xxxxxxxxxx		11/22/25 16:36
47)	10	1122_14.D	xxxxxxxxxx		11/22/25 17:11
48)	11	1122_15.D	xxxxxxxxxx		11/22/25 17:49
49)	12	1122_16.D	xxxxxxxxxx		11/22/25 18:24
50)	13	1122_17.D	xxxxxxxxxx		11/22/25 19:00
51)	14	1122_18.D	xxxxxxxxxx		11/22/25 19:35
52)	15	1122_19.D	xxxxxxxxxx		11/22/25 20:11
53)	16	1122_20.D	xxxxxxxxxx		11/22/25 20:47
54)	17	1122_21.D	xxxxxxxxxx		11/22/25 21:22
55)	18	1122_22.D	xxxxxxxxxx		11/22/25 21:58
56)	19	1122_23.D	xxxxxxxxxx		11/22/25 22:32
57)	20	1122_24.D	xxxxxxxxxx		11/22/25 23:08
58)	21	1122_25.D	xxxxxxxxxx		11/22/25 23:42
59)	22	1122_26.D	xxxxxxxxxx		11/23/25 0:18
60)	23	1122_27.D	xxxxxxxxxx		11/23/25 0:54
61)	24	1122_28.D	xxxxxxxxxx		11/23/25 1:29
62)	25	1122_29.D	xxxxxxxxxx		11/23/25 2:05
63)	26	1122_30.D	xxxxxxxxxx		11/23/25 2:39
64)	27	1122_31.D	xxxxxxxxxx		11/23/25 3:16
65)	28	1123_01.D	xxxxxxxxxx		11/23/25 3:49
66)	29	1123_02.D	xxxxxxxxxx		11/23/25 4:24

67)	30	1123_03.D	xxxxxxxxxx	11/23/25 5:00
68)	31	1123_04.D	xxxxxxxxxx	11/23/25 5:39
69)	32	1123_05.D	xxxxxxxxxx	11/23/25 6:12
70)	33	1123_06.D	xxxxxxxxxx	11/23/25 6:48
71)	34	1123_07.D	xxxxxxxxxx	11/23/25 7:33
72)	35	1123_08.D	xxxxxxxxxx	11/23/25 8:09
73)	36	1123_09.D	xxxxxxxxxx	11/23/25 13:35
74)	37	1123_10.D	xxxxxxxxxx	11/23/25 14:12
75)	38	1123_11.D	xxxxxxxxxx	11/23/25 14:50
76)	39	1123_12.D	xxxxxxxxxx	11/23/25 15:27
77)	40	1123_13.D	xxxxxxxxxx	11/23/25 16:22
78)	41	1123_14.D	xxxxxxxxxx	11/23/25 16:58
79)	42	1123_15.D	xxxxxxxxxx	11/23/25 17:34
80)	43	1123_16.D	xxxxxxxxxx	11/23/25 18:09
81)	44	1123_17.D	xxxxxxxxxx	11/23/25 18:45
82)	45	1123_18.D	xxxxxxxxxx	11/23/25 19:20
83)	46	1123_19.D	xxxxxxxxxx	11/23/25 19:58
84)	47	1123_20.D	xxxxxxxxxx	11/23/25 20:32
85)	48	1123_21.D	xxxxxxxxxx	11/23/25 21:07
86)	49	1123_22.D	xxxxxxxxxx	11/23/25 21:42
87)	50	1123_23.D	xxxxxxxxxx	11/23/25 22:17
88)	51	1123_24.D	xxxxxxxxxx	11/23/25 22:51
89)	52	1123_25.D	xxxxxxxxxx	11/23/25 23:27
90)	53	1123_26.D	xxxxxxxxxx	11/24/25 0:02
91)	54	1123_27.D	xxxxxxxxxx	11/24/25 0:37
92)	55	1123_28.D	xxxxxxxxxx	11/24/25 1:13
93)	56	1123_29.D	xxxxxxxxxx	11/24/25 1:51
94)	57	1123_30.D	xxxxxxxxxx	11/24/25 2:25
95)	58	1123_31.D	xxxxxxxxxx	11/24/25 3:00

Injection Log

Data Directory: H:\AIR2025\CHEM39\11NOV\16A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	13	1116_02.D	xxxxxxxxxx		11/16/25 14:03
2)	14	1116_03.D	xxxxxxxxxx		11/16/25 14:38
3)	15	1116_04.D	BFB TUNE	0/0	11/16/25 15:12
4)	14	1116_05.D	ICAL 0.01	0.01ppbv	11/16/25 15:49
5)	15	1116_06.D	ICAL 0.02	0.02 ppbv	11/16/25 16:26
6)	16	1116_07.D	ICAL 0.035	0.035 ppbv	11/16/25 17:05
7)	17	1116_08.D	ICAL 0.05	0.05 ppbv	11/16/25 17:45
8)	18	1116_09.D	ICAL 0.1	0.10 ppbv	11/16/25 18:21
9)	19	1116_10.D	ICAL 0.2	0.20 ppbv	11/16/25 18:58
10)	20	1116_11.D	ICAL 0.5	0.5 ppbv	11/16/25 19:37
11)	21	1116_12.D	ICAL 2.5	2.5 ppbv	11/16/25 20:16
12)	22	1116_13.D	ICAL 5	5.0 ppbv	11/16/25 20:53
13)	23	1116_14.D	ICAL 25	25 ppbv	11/16/25 21:32
14)	24	1116_15.D	ICAL 40	40 ppbv	11/16/25 22:14
15)	25	1116_16.D	ICAL 1	1.0 ppbv	11/16/25 22:51
16)	26	1116_17.D	ICAL 10	10.0 ppbv	11/16/25 23:29
17)	27	1116_18.D	ICV_CHEM39_1116	10 ppbv LCs	11/17/25 0:09
18)	28	1116_19.D	xxxxxxxxxx		11/17/25 0:43
19)	29	1116_20.D	xxxxxxxxxx		11/17/25 1:20

Injection Log

Data Directory: H:\AIR2025\CHEM39\12DEC\05\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	1205_02.D	BFB TUNE - CCAL 1	1ppb cCal; TO1516S	12/05/25 11:11
2)	1	1205_03.D	xxxxxxxxxx		12/05/25 11:48
3)	1	1205_04.D	CU88086 LCS	CU88086 LCS	12/05/25 12:29
4)	1	1205_05.D	CU88086 BLANK	CU88086 BLANK	12/05/25 13:04
5)	1	1205_06.D	xxxxxxxxxx		12/05/25 13:42
6)	2	1205_07.D	xxxxxxxxxx		12/05/25 14:21
7)	3	1205_08.D	AA5 (AMBIENT / OUTDOOR AI	CU88086	12/05/25 15:02
8)	4	1205_09.D	AA5 (AMBIENT / OUTDOOR AI	CU88086 DUP	12/05/25 15:42
9)	5	1205_10.D	IA1 (58 GERRY 1ST FLOOR)	CU88084	12/05/25 16:22
10)	6	1205_11.D	IA2 (58 GERRY BASEMENT)	CU88085	12/05/25 17:03
11)	7	1205_12.D	IA4 (25 BARTLETT 1ST FLOO	CU88087	12/05/25 17:46
12)	8	1205_13.D	IA3 (25 BARTLETT BASEMENT	CU88088	12/05/25 18:27
13)	9	1205_14.D	xxxxxxxxxx		12/05/25 19:06
14)	10	1205_15.D	xxxxxxxxxx		12/05/25 19:46
15)	11	1205_16.D	xxxxxxxxxx		12/05/25 20:23
16)	12	1205_17.D	xxxxxxxxxx		12/05/25 21:01
17)	13	1205_18.D	xxxxxxxxxx		12/05/25 21:38
18)	14	1205_19.D	xxxxxxxxxx		12/05/25 22:18
19)	15	1205_20.D	xxxxxxxxxx		12/05/25 22:58
20)	16	1205_21.D	xxxxxxxxxx		12/05/25 23:38
21)	17	1205_22.D	xxxxxxxxxx		12/06/25 0:18
22)	18	1205_23.D	xxxxxxxxxx		12/06/25 0:59
23)	19	1205_24.D	xxxxxxxxxx		12/06/25 1:39
24)	20	1205_25.D	xxxxxxxxxx		12/06/25 2:19
25)	21	1205_26.D	xxxxxxxxxx		12/06/25 3:00
26)	22	1205_27.D	CCCAL 1	1ppb cCal; TO1516S	12/06/25 7:47
27)	23	1205_28.D	xxxxxxxxxx		12/06/25 8:24
28)	24	1205_29.D	xxxxxxxxxx		12/06/25 9:02

Appendix C: Data Usability Summary Report

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

January 16, 2026

Ms. Anjeza Harrington
Environmental Engineer
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Re: Data Validation Reports
Pfizer Site D
December 2025 Air Event

Dear Ms. Harrington:

The Data Usability Summary Report and QA/QC review are attached to this letter for the Pfizer Site D, December 2025 air sampling event. The data for Phoenix Environmental Laboratories, Inc. Inc. SDG number GCU88084 are acceptable with minor issues that are identified in the DUSR and QA/QC review summary. There are no data that are rejected (R) in the data pack.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for providing us an opportunity with AMC Engineering, PLLC.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GCU88084

5 Air Samples
Collected December 2, 2025

Prepared by: Donald Anné
January 16, 2026

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 5 air samples analyzed for TO15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were qualified:

- The volatile results for ethanol in samples IA1 (58 GERRY 1ST FLOOR), IA2 (58 GERRY BASEMENT), and IA4 (25 BARTLETT 1ST FLOOR) were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for ethanol marked "E" in the samples were qualified as estimated (J).

All data are considered usable with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Qualified Data Section

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

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:15
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4624				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88084

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA1 (58 GERRY 1ST FLOOR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	4.83	*0.421*	0.421	11.5	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.330	*0.313*	0.313	1.05	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA1 (58 GERRY 1ST FLOOR)

Phoenix I.D.: CU88084

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	12/05/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.068		*0.032*	0.032	0.43	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.543		*0.485*	0.485	1.12	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.456		*0.202*	0.202	2.25	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	98.7	J E	*0.531*	0.531	186	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	0.239		*0.215*	0.215	1.11	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	3.24		*0.407*	0.407	7.96	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.338		*0.230*	0.230	1.47	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.094		*0.037*	0.037	0.64	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	1.36		*0.266*	0.266	5.12	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.194		*0.178*	0.178	1.09	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	95		*%*	%	95	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	94		*%*	%	94	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:22
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53506				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88085

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA2 (58 GERRY BASEMENT)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	3.39	*0.421*	0.421	8.05	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.324	*0.313*	0.313	1.03	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA2 (58 GERRY BASEMENT)

Phoenix I.D.: CU88085

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	12/05/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.074	*0.032*	0.032	0.47	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.512	*0.485*	0.485	1.06	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.439	*0.202*	0.202	2.17	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	44.7 J E	*0.531*	0.531	84.2	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	3.53	*0.407*	0.407	8.67	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.307	*0.230*	0.230	1.33	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.071	*0.037*	0.037	0.48	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.835	*0.266*	0.266	3.14	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	0.178	1.10	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94	*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	92	*%*	%	92	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	%	96	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	12:02
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53535				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88086

Project ID: 58 GERRY & 25 BARTLETT
Client ID: AA5 (AMBIENT / OUTDOOR AIR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	2.05	*0.421*	0.421	4.87	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	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	12/05/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073	*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.521	*0.485*	0.485	1.08	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.429	*0.202*	0.202	2.12	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	24.3	*0.531*	0.531	45.8	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	2.42	*0.407*	0.407	5.94	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.282	*0.266*	0.266	1.06	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.192	*0.178*	0.178	1.08	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	%	100	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	%	99	*%*	%	12/05/25	KCA	1	

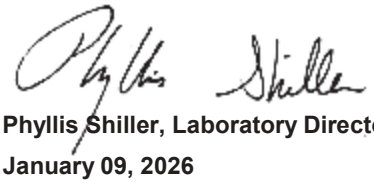
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:53
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28623				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88087

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA4 (25 BARTLETT 1ST FLOOR)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	4.00	*0.421*	0.421	9.50	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA4 (25 BARTLETT 1ST FLOOR)

Phoenix I.D.: CU88087

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	12/05/25	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073		*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	12.6		*0.379*	0.379	33.2	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.570		*0.485*	0.485	1.18	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.453		*0.202*	0.202	2.24	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	52.2	J E	*0.531*	0.531	98.3	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	34.2		*0.407*	0.407	84.0	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.307		*0.230*	0.230	1.33	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.061		*0.037*	0.037	0.41	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.947		*0.266*	0.266	3.57	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.196		*0.178*	0.178	1.10	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	93		*%*	%	93	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	92		*%*	%	92	*%*	%	12/05/25	KCA	1	

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

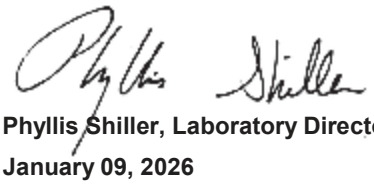
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

January 09, 2026

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	AE	12/02/25	10:34
Location Code:	AMC-ENG	Received by:	B	12/04/25	18:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53539				

Laboratory Data

SDG ID: GCU88084
Phoenix ID: CU88088

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA3 (25 BARTLETT BASEMENT)

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	12/05/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	12/05/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	12/05/25	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Acetone	3.39	*0.421*	0.421	8.05	*1.00*	1.00	12/05/25	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	12/05/25	KCA	1	
Benzene	0.315	*0.313*	0.313	1.01	*1.00*	1.00	12/05/25	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	12/05/25	KCA	1	

Project ID: 58 GERRY & 25 BARTLETT
Client ID: IA3 (25 BARTLETT BASEMENT)

Phoenix I.D.: CU88088

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	12/05/25	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	12/05/25	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	12/05/25	KCA	1	
Carbon Tetrachloride	0.073	*0.032*	0.032	0.46	*0.20*	0.20	12/05/25	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	12/05/25	KCA	1	
Chloromethane	0.613	*0.485*	0.485	1.27	*1.00*	1.00	12/05/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	12/05/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	12/05/25	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	12/05/25	KCA	1	
Dichlorodifluoromethane	0.444	*0.202*	0.202	2.19	*1.00*	1.00	12/05/25	KCA	1	
Ethanol	28.6	*0.531*	0.531	53.9	*1.00*	1.00	12/05/25	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	12/05/25	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	12/05/25	KCA	1	
Isooctane	ND	*0.215*	0.215	ND	*1.00*	1.00	12/05/25	KCA	1	
Isopropylalcohol	2.60	*0.407*	0.407	6.39	*1.00*	1.00	12/05/25	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	12/05/25	KCA	1	
m,p-Xylene	0.311	*0.230*	0.230	1.35	*1.00*	1.00	12/05/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	12/05/25	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	12/05/25	KCA	1	
Naphthalene	ND	*0.200*	0.200	ND	*1.05*	1.05	12/05/25	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	12/05/25	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	12/05/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	12/05/25	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	12/05/25	KCA	1	
Tetrachloroethene	0.055	*0.037*	0.037	0.37	*0.25*	0.25	12/05/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	12/05/25	KCA	1	1
Toluene	0.823	*0.266*	0.266	3.10	*1.00*	1.00	12/05/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/05/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	12/05/25	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	12/05/25	KCA	1	
Trichlorofluoromethane	0.198	*0.178*	0.178	1.11	*1.00*	1.00	12/05/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	12/05/25	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	12/05/25	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	12/05/25	KCA	1	
% IS-1,4-Difluorobenzene	92	*%*	%	92	*%*	%	12/05/25	KCA	1	
% IS-Bromochloromethane	91	*%*	%	91	*%*	%	12/05/25	KCA	1	
% IS-Chlorobenzene-d5	91	*%*	%	91	*%*	%	12/05/25	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
January 09, 2026
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO-15 Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GCU88084

5 Air Samples
Collected December 2, 2025

Prepared by: Donald Anné
January 16, 2026

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for 1,2,4-trichlorobenzene (SIM) was above the allowable maximum (30%) on 12-05-25 (1205_02.D). The %D for 1,2,4-trichlorobenzene (SIM) was above the allowable maximum (30%) on 12-06-25 (1205_27.D). Positive results for 1,2,4-trichlorobenzene (SIM) should be considered estimated (J) in associated samples.

Blanks: The analysis of intra-lab blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the air samples.

Laboratory Control Sample: The percent recoveries for targe compounds were within QC limits for air/vapor sample CU88086 LCS.

Canister Pressure: The laboratory reported “received” pressures for soil gas samples were below zero (residual vacuum), as required.

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

The results for ethanol in samples IA1 (58 GERRY 1ST FLOOR), IA2 (58 GERRY BASEMENT), and IA4 (25 BARTLETT 1ST FLOOR) were quantitated by extrapolating data above the highest calibration standard and marked ‘E’ by the laboratory. The results that are flagged as ‘E’ in the samples should be considered estimated (J).

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	1.705	1.747		-2.5	30
Dichlorodifluoromethane	4.479	4.387		2.1	30
Chloromethane	1.907	2.129		-11.6	30
1,2-Dichlorotetrafluoroethane	3.506	3.433		2.1	30
Vinyl Chloride	1.448	1.403		3.1	30
1,3-Butadiene	1.469	1.490		-1.4	30
Bromomethane	1.119	1.109		0.9	30
Chloroethane	0.566	0.521		8.0	30
Ethanol	0.639	0.638		0.2	30
Acetone	3.624	3.375		6.9	30
Trichlorofluoromethane	4.363	4.215		3.4	30
Isopropylalcohol	3.445	3.263		5.3	30
Acrylonitrile	1.122	1.035		7.8	30
1,1-Dichloroethene	2.742	2.559		6.7	30
Methylene Chloride	2.656	2.616		1.5	30
Carbon Disulfide	2.596	2.420		6.8	30
Trichlorotrifluoroethane	2.631	2.355		10.5	30
Trans-1,2-Dichloroethene	2.324	1.990		14.4	30
1,1-Dichloroethane	2.521	2.414		4.2	30
Methyl tert-butyl ether(MTBE)	3.078	2.671		13.2	30
Methyl Ethyl Ketone	4.177	4.110		1.6	30
Cis-1,2-Dichloroethene	2.286	2.033		11.1	30
Hexane	2.582	2.151		16.7	30
Chloroform	2.680	2.517		6.1	30
Ethyl acetate	0.480	0.478		0.4	30
Tetrahydrofuran	2.049	1.843		10.1	30
1,2-Dichloroethane	2.753	2.609		5.2	30
1,1,1-Trichloroethane	3.234	3.109		3.9	30
Benzene	2.851	2.437		14.5	30
Carbon Tetrachloride	3.764	3.764		0.0	30
Cyclohexane	1.155	0.923		20.1	30
1,2-dichloropropane	0.438	0.400		8.7	30
Bromodichloromethane	0.850	0.812		4.5	30
Trichloroethene	0.500	0.452		9.6	30
2,2,4-trimethylpentane	2.377	2.165		8.9	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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.190		-1.1	30
Heptane	1.116	1.031		7.6	30
cis-1,3-Dichloropropene	0.564	0.501		11.2	30
4-Methyl-2-pentanone(MIBK)	1.503	1.401		6.8	30
trans-1,3-Dichloropropene	0.495	0.441		10.9	30
1,1,2-Trichloroethane	0.390	0.358		8.2	30
Toluene	1.145	0.994		13.2	30
Dibromochloromethane	1.003	0.933		7.0	30
2-Hexanone(MBK)	1.426	1.296		9.1	30
1,2-Dibromoethane(EDB)	0.715	0.648		9.4	30
Tetrachloroethene	0.691	0.603		12.7	30
1,1,1,2-Tetrachloroethane	1.247	1.321		-5.9	30
Chlorobenzene	1.802	1.722		4.4	30
Ethylbenzene	2.945	2.682		8.9	30
m,p-Xylene	2.371	1.798		24.2	30
Bromoform	1.872	1.886		-0.7	30
Styrene	1.680	1.594		5.1	30
1,1,2,2-Tetrachloroethane	1.487	1.462		1.7	30
o-Xylene	2.509	2.358		6.0	30
Isopropylbenzene	3.637	3.459		4.9	30
4-Ethyltoluene	3.655	3.215		12.0	30
1,3,5-Trimethylbenzene	3.145	2.891		8.1	30
1,2,4-Trimethylbenzene	3.253	2.779		14.6	30
Benzyl chloride	2.471	2.242		9.3	30
1,3-Dichlorobenzene	2.331	2.049		12.1	30
1,4-Dichlorobenzene	2.283	1.970		13.7	30
sec-Butylbenzene	4.603	4.309		6.4	30
4-Isopropyltoluene	4.617	3.989		13.6	30
1,2-Dichlorobenzene	2.211	1.845		16.6	30
n-Butylbenzene	3.724	3.370		9.5	30
1,2,4-Trichlorobenzene	1.685	1.355		19.6	30
Naphthalene	3.686	2.765		25.0	30
Hexachlorobutadiene	1.839	1.517		17.5	30
1,2-Dichlorotetrafluoroethane(sim)	3.489	3.392		2.8	30
Vinyl Chloride(sim)	1.528	1.463		4.3	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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/05/25 Time: 11:11

Lab File Id: 1205_02.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.148	1.096		4.5	30
Trichlorofluoromethane(sim)	4.588	4.234		7.7	30
1,2-Dichloroethane(sim)	2.811	2.578		8.3	30
1,1,1-Trichloroethane(sim)	3.379	3.180		5.9	30
Benzene(sim)	3.127	2.408		23.0	30
Carbon Tetrachloride(sim)	3.598	3.632		-0.9	30
1,1-Dichloroethene(sim)	2.908	2.529		13.0	30
Trichlorotrifluoroethane(sim)	2.743	2.482		9.5	30
Trans-1,2-Dichloroethene(sim)	2.385	1.967		17.5	30
1,1-Dichloroethane(sim)	2.756	2.484		9.9	30
Cis-1,2-Dichloroethene(sim)	2.408	2.009		16.6	30
Chloroform(sim)	3.009	2.572		14.5	30
1,2-dichloropropane(sim)	0.481	0.431		10.4	30
Bromodichloromethane(sim)	0.839	0.812		3.2	30
Trichloroethene(sim)	0.535	0.462		13.6	30
1,4-Dioxane(sim)	0.177	0.190		-7.3	30
cis-1,3-Dichloropropene(sim)	0.566	0.540		4.6	30
1,1,2-Trichloroethane(sim)	0.423	0.358		15.4	30
Dibromochloromethane(sim)	0.903	0.933		-3.3	30
1,2-Dibromoethane(EDB)(sim)	0.701	0.648		7.6	30
Tetrachloroethene(sim)	0.721	0.619		14.1	30
Bromoform(sim)	1.828	1.879		-2.8	30
m,p-Xylene(sim)	2.545	2.248		11.7	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.456		10.9	30
Benzyl chloride(sim)	2.365	2.243		5.2	30
1,3-Dichlorobenzene(sim)	2.610	2.262		13.3	30
1,4-Dichlorobenzene(sim)	2.373	1.971		16.9	30
sec-Butylbenzene(sim)	3.690	3.040		17.6	30
4-Isopropyltoluene(sim)	4.726	3.990		15.6	30
1,2-Dichlorobenzene(sim)	2.473	2.057		16.8	30
n-Butylbenzene(sim)	3.779	3.372		10.8	30
1,2,4-Trichlorobenzene(sim)	2.146	1.491		30.5 #	30
Hexachlorobutadiene(sim) q	1.000	0.81		19.0	20
% Bromofluorobenzene	1.365	1.483		-8.6	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.

7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	1.705	1.725		-1.2	30
Dichlorodifluoromethane	4.479	4.316		3.6	30
Chloromethane	1.907	2.087		-9.4	30
1,2-Dichlorotetrafluoroethane	3.506	3.335		4.9	30
Vinyl Chloride	1.448	1.294		10.6	30
1,3-Butadiene	1.469	1.462		0.5	30
Bromomethane	1.119	0.997		10.9	30
Chloroethane	0.566	0.542		4.2	30
Ethanol	0.639	0.684		-7.0	30
Acetone	3.624	3.436		5.2	30
Trichlorofluoromethane	4.363	4.286		1.8	30
Isopropylalcohol	3.445	3.133		9.1	30
Acrylonitrile	1.122	1.030		8.2	30
1,1-Dichloroethene	2.742	2.692		1.8	30
Methylene Chloride	2.656	2.627		1.1	30
Carbon Disulfide	2.596	2.349		9.5	30
Trichlorotrifluoroethane	2.631	2.418		8.1	30
Trans-1,2-Dichloroethene	2.324	2.051		11.7	30
1,1-Dichloroethane	2.521	2.285		9.4	30
Methyl tert-butyl ether(MTBE)	3.078	2.531		17.8	30
Methyl Ethyl Ketone	4.177	4.011		4.0	30
Cis-1,2-Dichloroethene	2.286	2.038		10.8	30
Hexane	2.582	2.255		12.7	30
Chloroform	2.680	2.468		7.9	30
Ethyl acetate	0.480	0.435		9.4	30
Tetrahydrofuran	2.049	1.907		6.9	30
1,2-Dichloroethane	2.753	2.618		4.9	30
1,1,1-Trichloroethane	3.234	3.144		2.8	30
Benzene	2.851	2.552		10.5	30
Carbon Tetrachloride	3.764	3.880		-3.1	30
Cyclohexane	1.155	1.000		13.4	30
1,2-dichloropropane	0.438	0.408		6.8	30
Bromodichloromethane	0.850	0.783		7.9	30
Trichloroethene	0.500	0.425		15.0	30
2,2,4-trimethylpentane	2.377	2.088		12.2	30

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

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

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.188	0.184		2.1	30
Heptane	1.116	1.011		9.4	30
cis-1,3-Dichloropropene	0.564	0.480		14.9	30
4-Methyl-2-pentanone(MIBK)	1.503	1.388		7.7	30
trans-1,3-Dichloropropene	0.495	0.437		11.7	30
1,1,2-Trichloroethane	0.390	0.365		6.4	30
Toluene	1.145	0.999		12.8	30
Dibromochloromethane	1.003	0.949		5.4	30
2-Hexanone(MBK)	1.426	1.299		8.9	30
1,2-Dibromoethane(EDB)	0.715	0.635		11.2	30
Tetrachloroethene	0.691	0.624		9.7	30
1,1,1,2-Tetrachloroethane	1.247	1.231		1.3	30
Chlorobenzene	1.802	1.814		-0.7	30
Ethylbenzene	2.945	2.653		9.9	30
m,p-Xylene	2.371	1.719		27.5	30
Bromoform	1.872	1.868		0.2	30
Styrene	1.680	1.526		9.2	30
1,1,2,2-Tetrachloroethane	1.487	1.392		6.4	30
o-Xylene	2.509	2.202		12.2	30
Isopropylbenzene	3.637	3.395		6.7	30
4-Ethyltoluene	3.655	3.214		12.1	30
1,3,5-Trimethylbenzene	3.145	2.831		10.0	30
1,2,4-Trimethylbenzene	3.253	2.708		16.8	30
Benzyl chloride	2.471	2.114		14.4	30
1,3-Dichlorobenzene	2.331	2.027		13.0	30
1,4-Dichlorobenzene	2.283	1.972		13.6	30
sec-Butylbenzene	4.603	4.083		11.3	30
4-Isopropyltoluene	4.617	3.971		14.0	30
1,2-Dichlorobenzene	2.211	1.863		15.7	30
n-Butylbenzene	3.724	3.368		9.6	30
1,2,4-Trichlorobenzene	1.685	1.252		25.7	30
Naphthalene	3.686	2.598		29.5	30
Hexachlorobutadiene	1.839	1.498		18.5	30
1,2-Dichlorotetrafluoroethane(sim)	3.489	3.270		6.3	30
Vinyl Chloride(sim)	1.528	1.376		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: AMC-ENG

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU88084

Instrument: CHEM39 Calibration Date: 12/06/25 Time: 07:47

Lab File Id: 1205_27.D Init. Calib. Date(s): 11/16/25 11/16/25

Heated Purge (Y/N): Y Init. Calib. Times: 15:49 23:29

GC Column: RTX-1 ; #10157 Method File: 39_AIR_1116.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)	1.148	0.977		14.9	30
Trichlorofluoromethane(sim)	4.588	4.237		7.7	30
1,2-Dichloroethane(sim)	2.811	2.568		8.6	30
1,1,1-Trichloroethane(sim)	3.379	3.153		6.7	30
Benzene(sim)	3.127	2.503		20.0	30
Carbon Tetrachloride(sim)	3.598	3.661		-1.8	30
1,1-Dichloroethene(sim)	2.908	2.640		9.2	30
Trichlorotrifluoroethane(sim)	2.743	2.454		10.5	30
Trans-1,2-Dichloroethene(sim)	2.385	2.011		15.7	30
1,1-Dichloroethane(sim)	2.756	2.459		10.8	30
Cis-1,2-Dichloroethene(sim)	2.408	1.999		17.0	30
Chloroform(sim)	3.009	2.582		14.2	30
1,2-dichloropropane(sim)	0.481	0.423		12.1	30
Bromodichloromethane(sim)	0.839	0.775		7.6	30
Trichloroethene(sim)	0.535	0.468		12.5	30
1,4-Dioxane(sim)	0.177	0.184		-4.0	30
cis-1,3-Dichloropropene(sim)	0.566	0.533		5.8	30
1,1,2-Trichloroethane(sim)	0.423	0.362		14.4	30
Dibromochloromethane(sim)	0.903	0.938		-3.9	30
1,2-Dibromoethane(EDB)(sim)	0.701	0.634		9.6	30
Tetrachloroethene(sim)	0.721	0.623		13.6	30
Bromoform(sim)	1.828	1.864		-2.0	30
m,p-Xylene(sim)	2.545	2.148		15.6	30
1,1,2,2-Tetrachloroethane(sim)	1.634	1.441		11.8	30
Benzyl chloride(sim)	2.365	2.113		10.7	30
1,3-Dichlorobenzene(sim)	2.610	2.241		14.1	30
1,4-Dichlorobenzene(sim)	2.373	1.971		16.9	30
sec-Butylbenzene(sim)	3.690	2.999		18.7	30
4-Isopropyltoluene(sim)	4.726	3.969		16.0	30
1,2-Dichlorobenzene(sim)	2.473	2.018		18.4	30
n-Butylbenzene(sim)	3.779	3.366		10.9	30
1,2,4-Trichlorobenzene(sim)	2.146	1.360		36.6 #	30
Hexachlorobutadiene(sim) q	1.000	0.81		19.0	20
% Bromofluorobenzene	1.365	1.496		-9.6	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.

Appendix D: Daily Satus Report

DAILY STATUS REPORT

Prepared By: Ahmed Elbadri

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Project Name:	**58 Gerry and 25 Bartlett**	Date:	**12/2/2025 12/3/2025**

Consultant:	Safety Officer:
AMC Engineering, PLLC	**Ahmed Elbadri (AMC)**
General Contractor:	Site Manager/ Supervisor:
Stone Edge	**Barry Eckstein**

Work Activities Performed:

- **Mobilized onsite to conduct indoor air and outdoor air sampling for a period of 24 hours from 25 Bartlett and 58 Gerry and perform a cover inspection for both buildings. A total of five air samples were collected over a period of 24 hours.**

Location	Number of samples
58 Gerry	2 indoor air samples (1 in basement, 1 on first floor)
25 Bartlett	2 indoor air samples (1 in basement, 1 on first floor)
31 Bartlett	1 outdoor air sample

- **The samples were set up on 12/2/2025 and picked up on 12/3/2025.**

Samples Collected (Since Last Report):

Four indoor air samples and one outdoor air sample were collected. The samples were sent to Phoenix Environmental Labs for analysis.

Problems Encountered:

None

Planned Activities for the Next Day/ Week:

None.

Photos 1: 25 Bartlett basement indoor air sample	
Photo 2: 58 Gerry 1st floor indoor air sample	

Photo 3: 58 Gerry basement indoor air sample	
Photo 4: 25 Bartlett 1st floor indoor air sample	

Photo 5: 31 Bartlett Outdoor air sample