SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Alliance Project No. : Q3112

Client Contact Information	Bottle Order ID : **B2508043**	Courier : F GALDUN	1 of 3 COCs
Client ID : **GFEL01**	Project ID : ~~233 FLORIDA ST ELIZABETH NJ~~	Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager : **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 157 JERICHO TRNPK- MINEOLA NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : ~~RESULTS ONLY~~	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor Ambinet Air	Soil Gas		
SV1	9/12/25	8:45	10:45	OVER 30	6			**-30**	**-5.5**	**10550**	**10198**	**6 L**	**50**	**VL042860.D**					

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	68			
Stop	72			

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

**Submittal of this COC indicates approval of the analysis based on existing conditions.

REPORT ONLY. THOSE ANALYTES ON THE ATTACHED LIST

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: 0.0

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 8/27/25	Canisters Received by:	Date/Time: 9/16/25 11:18
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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Alliance TECHNICAL GROUP

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Alliance Project No. : Q3112

Client Contact Information	Bottle Order ID : **B2508043**	Courier : FGALDUN	2 of 3 COCs
Client ID : **GFEL01** Project ID : ~~233 FLORIDA ST ELIZABETH NJ~~		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager : **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**		
	Site Details: 157 JERICHO TRNPK MINEOLA NY	Batch Certified	
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
SV2	9/12/25	9:30	11:30	DURSE 30	6	/	/	-30	7.5	10226	10606	6 L	50	VL042860.D	1		1

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	68			
Stop	72			

GC/MS Analyst Signature (TO-15)

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: 0.0

REPORT ONLY THOSE ANALYTES ON THE ATTACHED LIST

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:		Date/Time: 8/27/25	Canisters Received by:	Date/Time: 9/16/25 1115	**B2508043 - 8**
Samples Relinquished by:		Date/Time:	Received by:	Date/Time:	
Relinquished by:		Date/Time:	Received by:	Date/Time:	

Alliance TECHNICAL GROUP

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Alliance Project No. : Q3112

Client Contact Information	Bottle Order ID : **B2508043**	Courier : F GALDUN	2 of 3 COCs
Client ID : **GFEL01** Project ID : ~~2334 [illegible] CT ELIZABETH NJ~~		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager : **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**		
	Site Details: 157 JERICHO TNPK MINEOLA, NY	Batch Certified	
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
SV3	9/11/25	9:13	11:13	26.5	6	/	/	-30	-5.9	10503	10279	6 L	50	VL042860.D	1		1

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	68			
Stop	72			

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditions.

REPORT ONLY

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 8/27/25	Canisters Received by: CA	Date/Time: 9/10/25 1118	B2508043 - 3
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time:	

REQUESTED ANALYTE LIST:

PCE
TCE
cis-1,2-DCE
1,1,1-TCA
1,1-DCE
Vinyl chloride
Benzene
Toluene
Ethylbenzene
Naphthalene
Cyclohexane
2,2,4-Trimethylpentane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
o-xylene
m,p-xylene
Heptane
Hexane

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

New Jersey Department of Environmental Protection

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech
~~NORCE~~
Field Sample Seal No.: Q3112
Case No.: 157 JERICHO TRNPK

Location: 284 Sheffield Street, Mountainside, NJ 7092
Title: Sample Custodian
Date Broken: 9/16/2025
Military Time Seal Broken: 11:18:00
Analytical Parameter/Fraction: VOCMS Group2

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q3112-01	SV1		
Q3112-02	SV2		
Q3112-03	SV3		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
9/16/25	1303	Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	Q3112	**OrderDate:**	9/16/2025 12:28:02 PM
Client:	GFE LLC	**Project:**	157 jericho turnpike mineola ny
Contact:	Frank Galdun	**Location:**	Air Lab,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3112-01	**SV1**	**Air**			**09/12/25**			**09/16/25**
			VOCMS Group2	TO-15			09/22/25	
Q3112-02	**SV2**	**Air**			**09/12/25**			**09/16/25**
			VOCMS Group2	TO-15			09/22/25	
Q3112-02DL	**SV2DL**	**Air**			**09/12/25**			**09/16/25**
			VOCMS Group2	TO-15			09/22/25	
Q3112-03	**SV3**	**Air**			**09/12/25**			**09/16/25**
			VOCMS Group2	TO-15			09/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3112

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SV1**							
Q3112-01	SV1	Air	Heptane	8.61		2.79	8.20	ug/m3
Q3112-01	SV1	Air	Benzene	8.95		1.02	6.39	ug/m3
Q3112-01	SV1	Air	Toluene	20.4		2.41	7.54	ug/m3
Q3112-01	SV1	Air	Tetrachloroethene	6.78		0.41	0.81	ug/m3
Q3112-01	SV1	Air	m/p-Xylene	7.82	J	6.95	17.4	ug/m3
Q3112-01	SV1	Air	o-Xylene	4.00	J	3.65	8.69	ug/m3
Q3112-01	SV1	Air	1,2,4-Trimethylbenzene	5.41	J	3.54	9.83	ug/m3
Q3112-01	SV1	Air	Hexane	17.6		2.26	7.05	ug/m3
			Total Voc :	79.5				
			Total Concentration:	79.5				
Client ID:	**SV2**							
Q3112-02	SV2	Air	Toluene	2.41	J	2.41	7.54	ug/m3
Q3112-02	SV2	Air	Hexane	219	E	2.26	7.05	ug/m3
			Total Voc :	221				
			Total Concentration:	221				
Client ID:	**SV2DL**							
Q3112-02DL	SV2DL	Air	Hexane	150	D	22.6	70.5	ug/m3
			Total Voc :	150				
			Total Concentration:	150				
Client ID:	**SV3**							
Q3112-03	SV3	Air	Heptane	18.4		2.79	8.20	ug/m3
Q3112-03	SV3	Air	Cyclohexane	4.13	J	3.03	6.88	ug/m3
Q3112-03	SV3	Air	Benzene	16.0		1.02	6.39	ug/m3
Q3112-03	SV3	Air	Toluene	24.1		2.41	7.54	ug/m3
Q3112-03	SV3	Air	Tetrachloroethene	10.2		0.41	0.81	ug/m3
Q3112-03	SV3	Air	m/p-Xylene	7.82	J	6.95	17.4	ug/m3
Q3112-03	SV3	Air	o-Xylene	3.65	J	3.65	8.69	ug/m3
Q3112-03	SV3	Air	1,2,4-Trimethylbenzene	4.92	J	3.54	9.83	ug/m3
Q3112-03	SV3	Air	Hexane	32.1		2.26	7.05	ug/m3
			Total Voc :	121				
			Total Concentration:	121				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3112

Client: GFE LLC

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3112-01	SV1	1-Bromo-4-Fluorobenzene	10	10.1	101		65	135
Q3112-02	SV2	1-Bromo-4-Fluorobenzene	10	10.1	101		65	135
Q3112-02DL	SV2DL	1-Bromo-4-Fluorobenzene	10	9.75	97		65	135
Q3112-03	SV3	1-Bromo-4-Fluorobenzene	10	10.0	100		65	135
Q3130-02DUP	131-1A-2DUP	1-Bromo-4-Fluorobenzene	10	10.2	102		65	135
VL0922ABL01	VL0922ABL01	1-Bromo-4-Fluorobenzene	10	10.0	100		65	135
VL0922ABS01	VL0922ABS01	1-Bromo-4-Fluorobenzene	10	10.0	100		65	135

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3112**	**Analytical Method:**	**SWTO-15**
Client:	**GFE LLC**	**Datafile :**	VL042959.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0922ABS01	Vinyl Chloride	10	8.40	ppbv	84			70	130	
	Heptane	10	9.00	ppbv	90			70	130	
	1,1-Dichloroethane	10	9.00	ppbv	90			70	130	
	Cyclohexane	10	9.30	ppbv	93			70	130	
	cis-1,2-Dichloroethene	10	9.30	ppbv	93			70	130	
	1,1,1-Trichloroethane	10	9.00	ppbv	90			70	130	
	2,2,4-Trimethylpentane	10	9.40	ppbv	94			70	130	
	Benzene	10	9.60	ppbv	96			70	130	
	Trichloroethene	10	9.20	ppbv	92			70	130	
	Toluene	10	9.50	ppbv	95			70	130	
	Tetrachloroethene	10	8.70	ppbv	87			70	130	
	Ethyl Benzene	10	9.50	ppbv	95			70	130	
	m/p-Xylene	20	18.9	ppbv	95			70	130	
	o-Xylene	10	9.40	ppbv	94			70	130	
	1,3,5-Trimethylbenzene	10	9.50	ppbv	95			70	130	
	1,2,4-Trimethylbenzene	10	9.30	ppbv	93			70	130	
	Naphthalene	10	10.3	ppbv	103			70	130	
	Hexane	10	9.10	ppbv	91			70	130	

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Duplicate Sample Summary

Lab Sample Id :	Q3130-02DUP		Q3130-02	
Client Id :	131-1A-2DUP		131-1A-2	
DF :	1		1	
Datafile :	VL042970.D		VL042969.D	
Anal Date & Time :	09/22/2025	22:48	09/22/2025	22:11

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,2,4-Trimethylbenzene	0	0	0
1,3,5-Trimethylbenzene	0	0	0
2,2,4-Trimethylpentane	0	0	0
Benzene	0.18	0.17	5.7
cis-1,2-Dichloroethene	0	0	0
Cyclohexane	0	0	0
Ethyl Benzene	0	0	0
Heptane	0	0	0
Hexane	2.4	2.4	0
m/p-Xylene	0	0	0
Naphthalene	0.14	0.15	6.9
o-Xylene	0	0	0
Tetrachloroethene	0	0.03	200 *
Toluene	0.38	0.37	2.7
Trichloroethene	0	0	0
Vinyl Chloride	0	0	0

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VOLATILE METHOD BLANK SUMMARY

Client ID: 131-1A-2DUP

Lab Name: Alliance | Contract: GFEL01

Lab Code: ACE | SDG NO.: Q3112

Lab File ID: VL042970.D | Lab Sample ID: Q3130-02DUP

Date Analyzed: 09/22/2025 | Time Analyzed: 22:48

GC Column: RTX-1 ID: 0.32 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
131-1A-2DUP	Q3130-02DUP	VL042970.D	09/22/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

Client ID: VL0922ABL01

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG NO.: Q3112

Lab File ID: VL042958.D Lab Sample ID: VL0922ABL01

Date Analyzed: 09/22/2025 Time Analyzed: 15:06

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0922ABS01	VL0922ABS01	VL042959.D	09/22/2025
SV1	Q3112-01	VL042962.D	09/22/2025
SV2	Q3112-02	VL042964.D	09/22/2025
SV2DL	Q3112-02DL	VL042965.D	09/22/2025
SV3	Q3112-03	VL042966.D	09/22/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GFEL01
Lab Code: ACE
SDG NO.: Q3112
Lab File ID: VL042949.D
BFB Injection Date: 09/22/2025
Instrument ID: MSVOA_L
BFB Injection Time: 08:55
GC Column: RTX-1 ID: 0.32 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.5
75	30.0 - 66.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	66.2
175	4.0 - 9.0% of mass 174	4.9 (7.4) 1
176	93.0 - 101.0% of mass 174	64 (96.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL042950.D	09/22/2025	09:39
VSTDICC002	VSTDICC002	VL042951.D	09/22/2025	10:14
VSTDICC001	VSTDICC001	VL042952.D	09/22/2025	10:48
VSTDICC0.5	VSTDICC0.5	VL042953.D	09/22/2025	11:22
VSTDICC0.1	VSTDICC0.1	VL042954.D	09/22/2025	11:56
VSTDICC0.03	VSTDICC0.03	VL042955.D	09/22/2025	12:30
VSTDICC015	VSTDICC015	VL042956.D	09/22/2025	13:05
VL0922ABL01	VL0922ABL01	VL042958.D	09/22/2025	15:06
VL0922ABS01	VL0922ABS01	VL042959.D	09/22/2025	15:52
SV1	Q3112-01	VL042962.D	09/22/2025	18:04
SV2	Q3112-02	VL042964.D	09/22/2025	19:14
SV2DL	Q3112-02DL	VL042965.D	09/22/2025	19:49
SV3	Q3112-03	VL042966.D	09/22/2025	20:24
131-1A-2DUP	Q3130-02DUP	VL042970.D	09/22/2025	22:48

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG NO.: Q3112

Lab File ID: VL042950.D Date Analyzed: 09/22/2025

Instrument ID: MSVOA_L Time Analyzed: 09:39

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	170899	2.78	526679	3.95	486724	8.88
UPPER LIMIT	239259	3.11	737351	4.28	681414	9.21
LOWER LIMIT	102539	2.45	316007	3.62	292034	8.55
EPA SAMPLE NO.						
SV1	168176	2.80	513006	3.97	448889	8.89
SV2	158850	2.79	479932	3.97	425185	8.89
SV2DL	159259	2.79	479324	3.97	422943	8.89
SV3	158622	2.80	483571	3.97	428101	8.89
131-1A-2DUP	146991	2.79	437140	3.96	389571	8.88
VL0922ABL01	157278	2.79	497068	3.96	444461	8.88
VL0922ABS01	157611	2.79	475789	3.96	440323	8.88

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% 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.

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	09/12/25
Project:	157 jericho turnpike mineola ny	Date Received:	09/16/25
Client Sample ID:	SV1	SDG No.:	Q3112
Lab Sample ID:	Q3112-01	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042962.D	4		09/22/25 18:04	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	0.10	0.26	U	0.26	0.31	
142-82-5	Heptane	2.10	8.61		2.79	8.20	
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	U	1.59	7.93	
71-55-6	1,1,1-Trichloroethane	0.060	0.33	U	0.33	0.65	
540-84-1	2,2,4-Trimethylpentane	0.56	2.62	U	2.62	9.34	
71-43-2	Benzene	2.80	8.95		1.02	6.39	
79-01-6	Trichloroethene	0.10	0.54	U	0.54	0.64	
108-88-3	Toluene	5.40	20.4		2.41	7.54	
127-18-4	Tetrachloroethene	1.00	6.78		0.41	0.81	
100-41-4	Ethyl Benzene	0.76	3.30	U	3.30	8.69	
179601-23-1	m/p-Xylene	1.80	7.82	J	6.95	17.4	
95-47-6	o-Xylene	0.92	4.00	J	3.65	8.69	
108-67-8	1,3,5-Trimethylbenzene	0.72	3.54	U	3.54	9.83	
95-63-6	1,2,4-Trimethylbenzene	1.10	5.41	J	3.54	9.83	
91-20-3	Naphthalene	0.050	0.26	U	0.26	2.10	
110-54-3	Hexane	5.00	17.6		2.26	7.05	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135	101%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	168000		2.797			
540-36-3	1,4-Difluorobenzene	513000		3.965			
3114-55-4	Chlorobenzene-d5	449000		8.885			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042962.D
Acq On : 22 Sep 2025 18:04
Operator : SY/MD
Sample : Q3112-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:53:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.797	49	168176	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	3.965	114	513006	10.000	ppbv		0.01
55) Chlorobenzene-d5	8.885	117	448889	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	337380	10.069	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.495	85	2659	0.118	ppbv		98
3) Chlorodifluoromethane	1.470	51	59781m	2.120	ppbv		
9) Propene	1.479	41	349498	28.496	ppbv		89
10) Heptane	4.988	43	16949	0.518	ppbv		95
11) Trichlorofluoromethane	1.884	101	893679	40.976	ppbv		96
13) Ethanol	1.725	45	5091	4.279	ppbv	#	35
15) Acetone	1.839	43	279146	12.744	ppbv		93
17) tert-Butyl alcohol	2.046	59	18537	0.772	ppbv	#	85
19) Isopropyl Alcohol	1.890	45	167495m	12.720	ppbv		
26) Hexane	2.835	57	31200	1.236	ppbv	#	38
30) Cyclohexane	3.865	84	3406m	0.161	ppbv		
34) 2-Butanone	2.567	43	11709	0.326	ppbv		93
36) Benzene	3.664	78	33310	0.691	ppbv		97
52) Tetrachloroethene	8.231	164	4881m	0.262	ppbv		
53) Toluene	6.943	91	76794	1.347	ppbv		99
58) Ethyl Benzene	9.357	91	10371	0.141	ppbv		96
59) m/p-Xylene	9.538	91	26248	0.452	ppbv	#	100
60) o-Xylene	9.969	91	13169	0.227	ppbv		98
74) 1,2,4-Trimethylbenzene	11.539	105	18035	0.277	ppbv	#	67

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

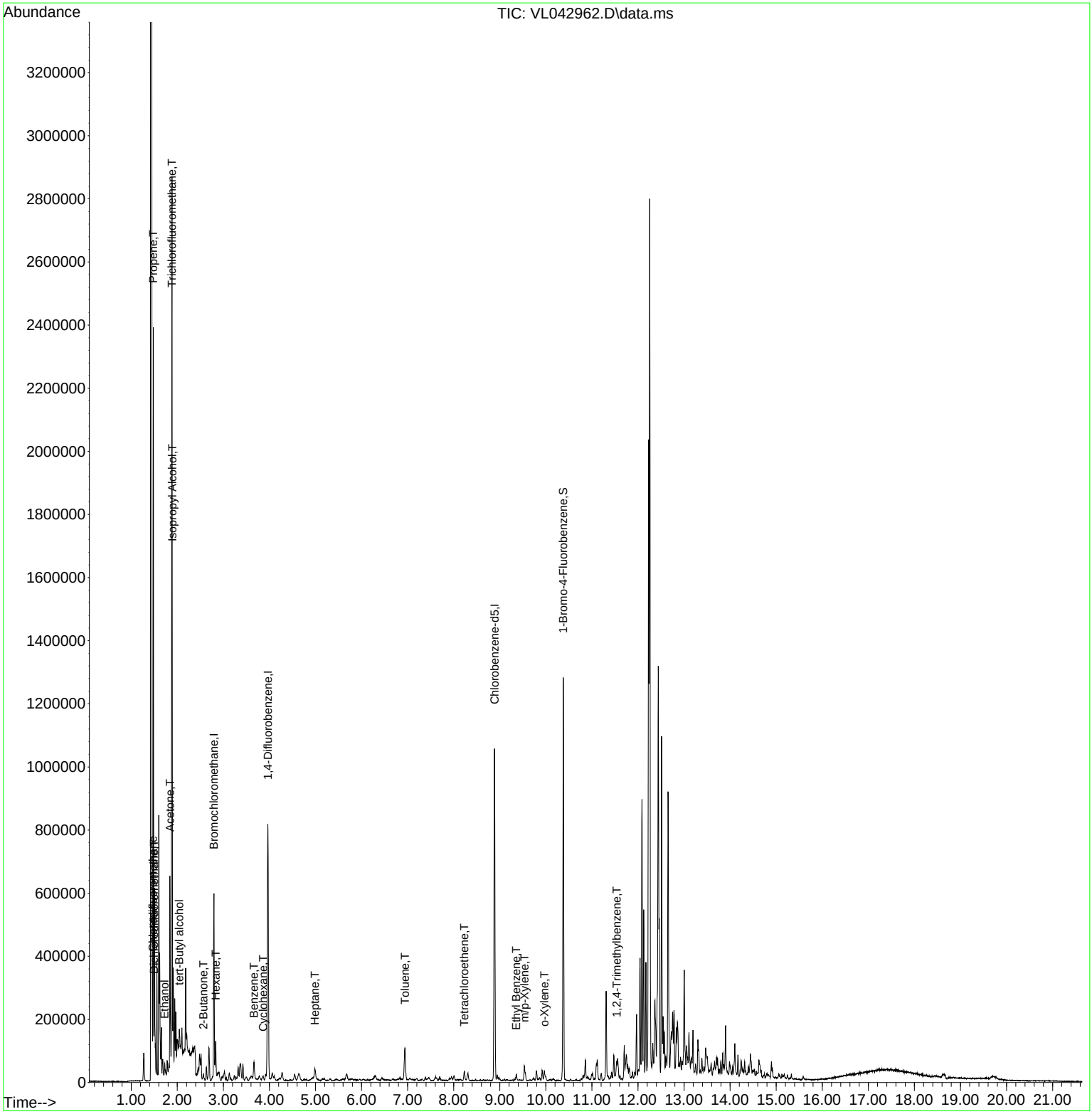
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042962.D
Acq On : 22 Sep 2025 18:04
Operator : SY/MD
Sample : Q3112-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

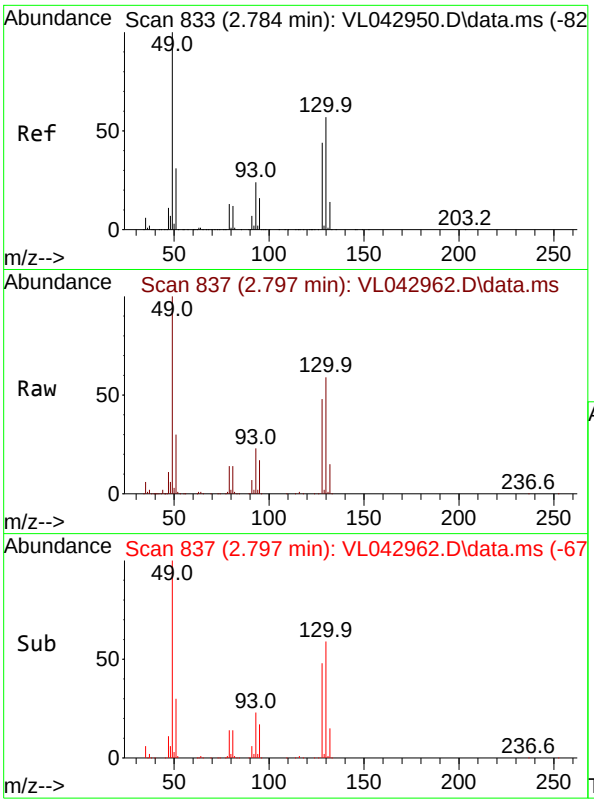
Quant Time: Sep 23 02:53:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

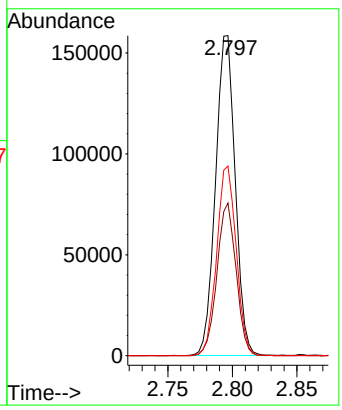




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 8
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 49 Resp: 16817

Ion	Ratio	Lower	Upper
49	100		
128	46.4	22.9	68.8
130	58.8	29.1	87.3



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
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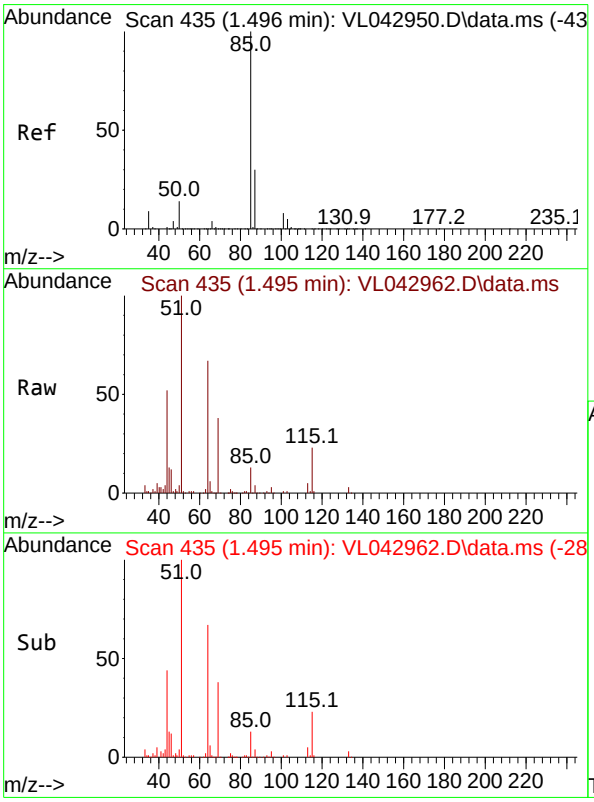
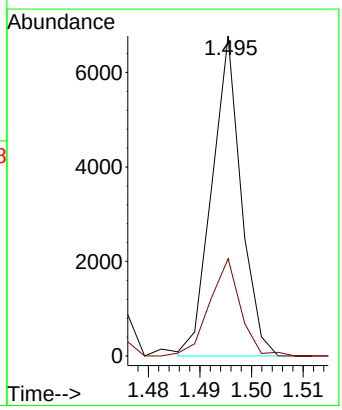
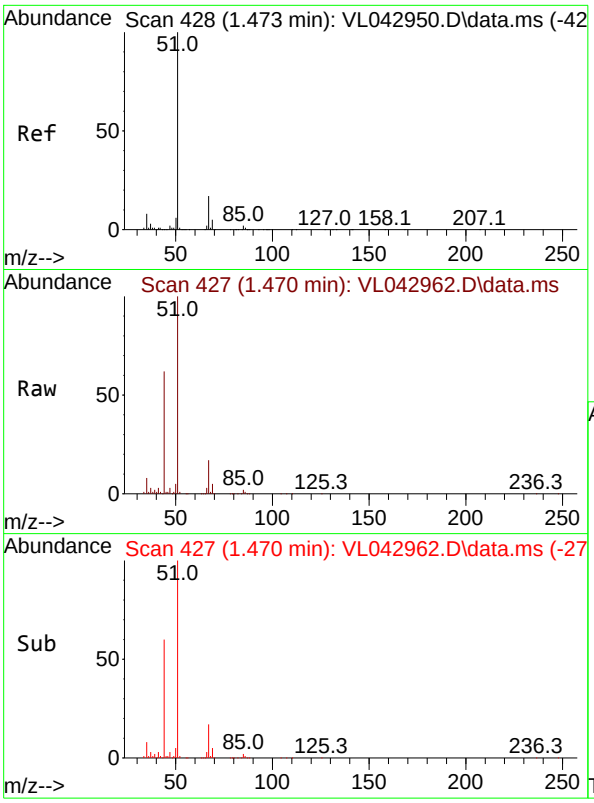


#2
Dichlorodifluoromethane
Concen: 0.118 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 85 Resp: 2659

Ion	Ratio	Lower	Upper
85	100		
87	29.5	24.3	36.5

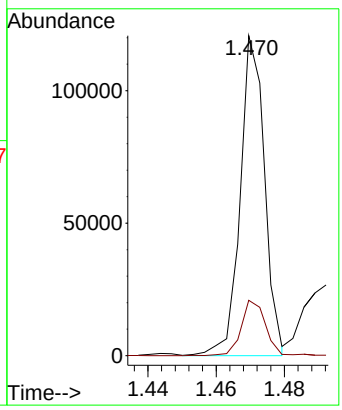




#3
Chlorodifluoromethane
Concen: 2.120 ppbv m
RT: 1.470 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 51 Resp: 5978

Ion	Ratio	Lower	Upper
51	100		
67	17.6	13.8	20.8



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
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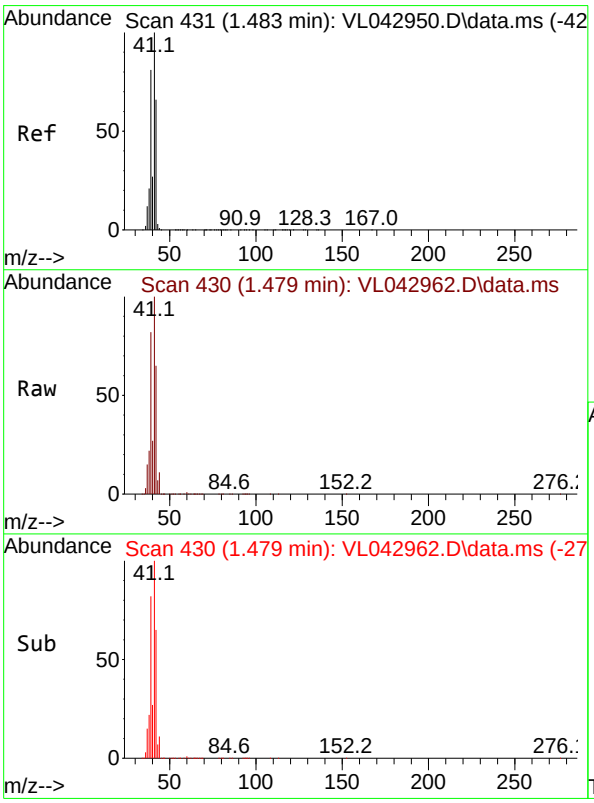
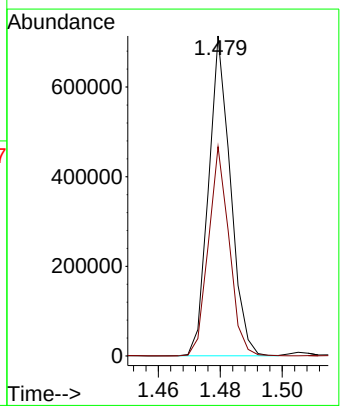
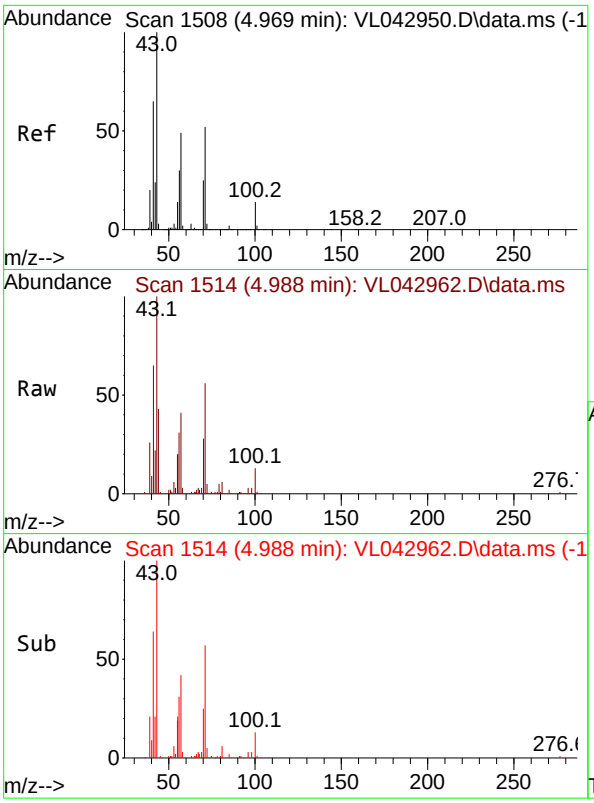


#9
Propene
Concen: 28.496 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 41 Resp: 349498

Ion	Ratio	Lower	Upper
41	100		
42	62.5	57.4	86.2





#10
Heptane
Concen: 0.518 ppbv
RT: 4.988 min Scan# 1
Delta R.T. 0.019 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 43 Resp: 1694

Ion	Ratio	Lower	Upper
43	100		
57	51.9	38.6	57.8

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

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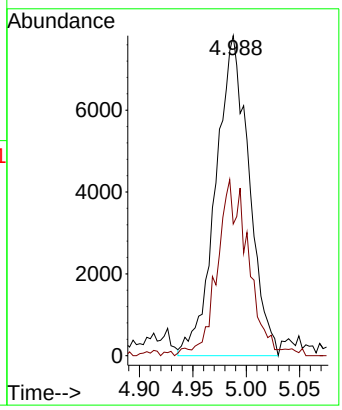
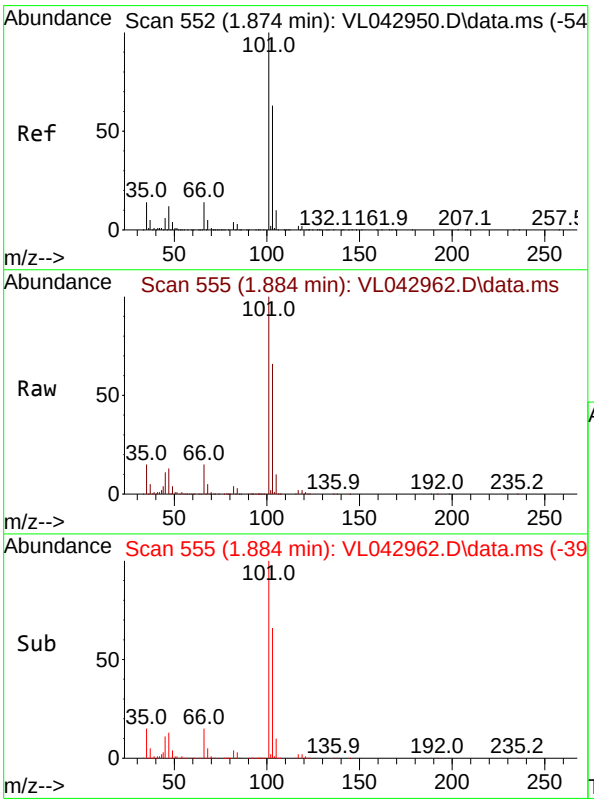
Supervised By :Mahesh Dadoda 09/24/2025

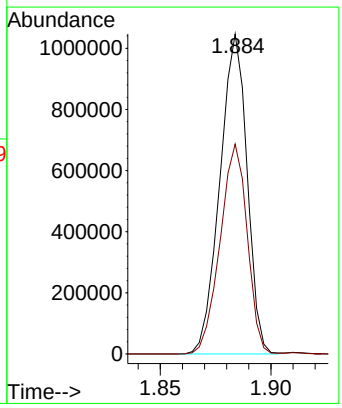


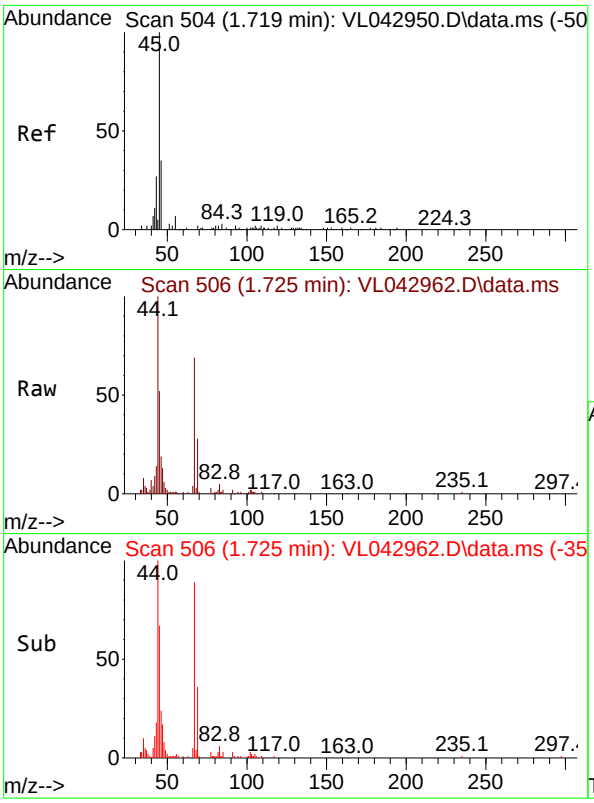


#11
Trichlorofluoromethane
Concen: 40.976 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:101 Resp: 893679

Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.1	75.1





#13
Ethanol
Concen: 4.279 ppbv
RT: 1.725 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

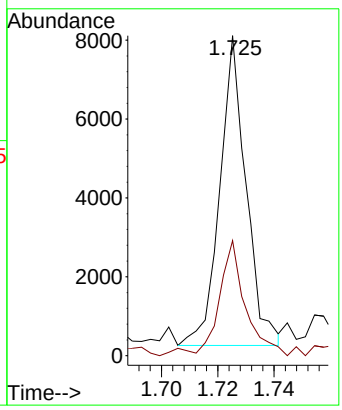
Tgt Ion: 45 Resp: 509

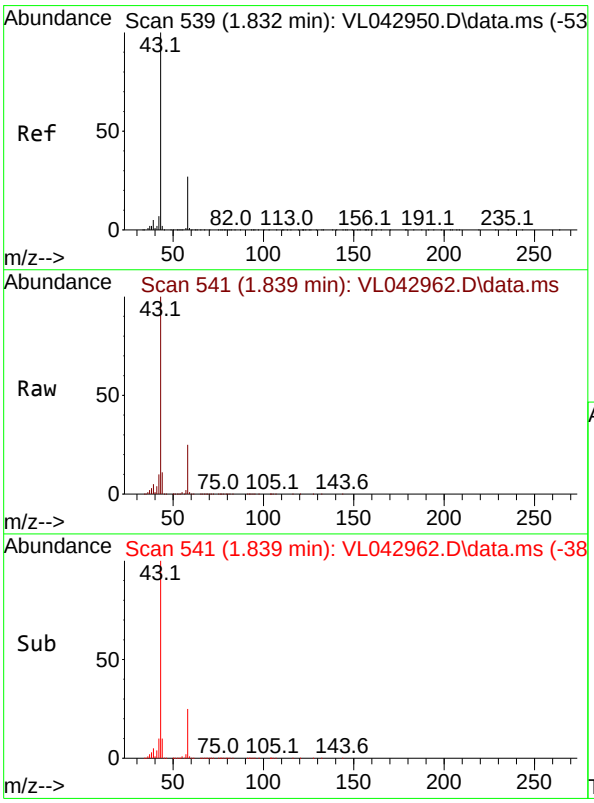
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.6

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

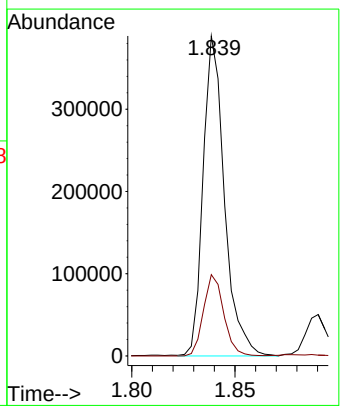


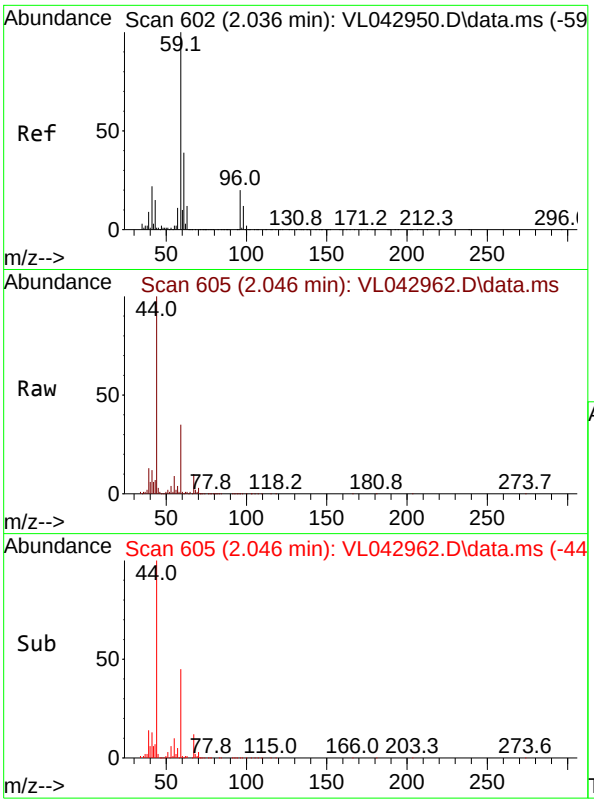


#15
Acetone
Concen: 12.744 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 43 Resp: 279146

Ion	Ratio	Lower	Upper
43	100		
58	24.2	22.3	33.5





#17
tert-Butyl alcohol
Concen: 0.772 ppbv
RT: 2.046 min Scan# 6
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

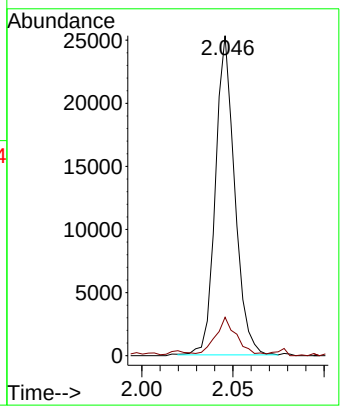
Tgt Ion: 59 Resp: 1853

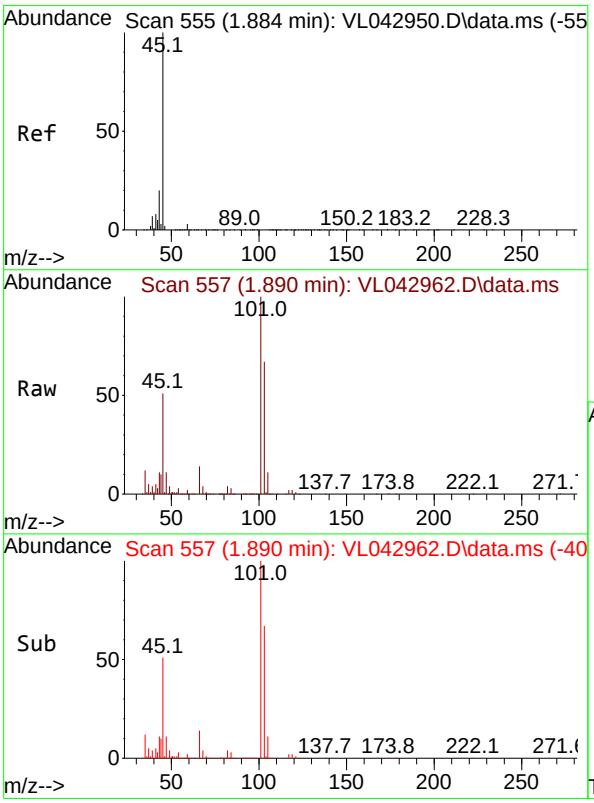
Ion	Ratio	Lower	Upper
59	100		
57	16.4	8.6	12.8#

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

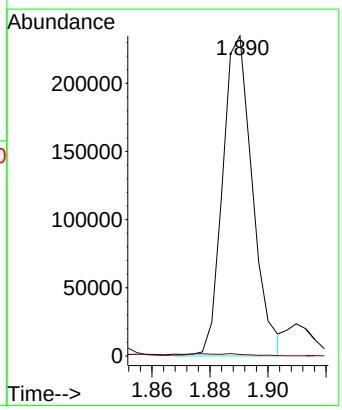


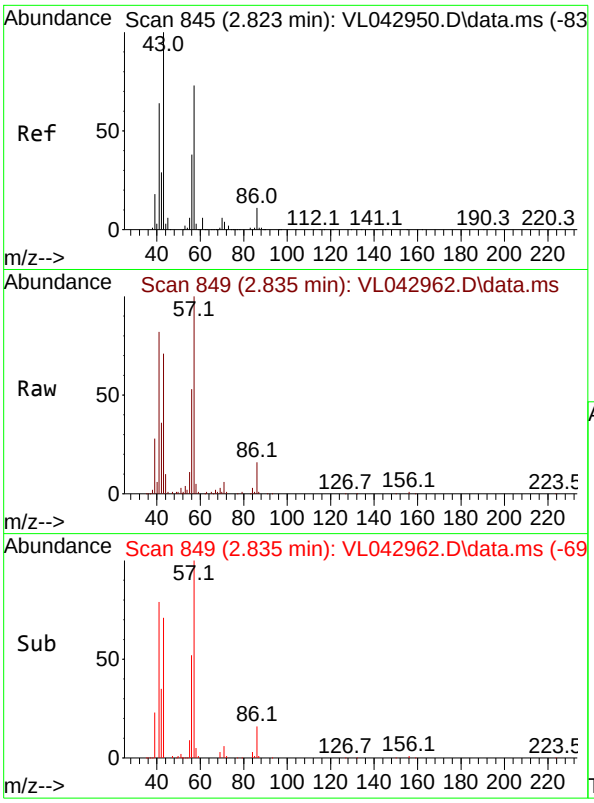


#19
Isopropyl Alcohol
Concen: 12.720 ppbv m
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 45 Resp: 167495

Ion	Ratio	Lower	Upper
45	100		
58	0.0	31.0	46.6#

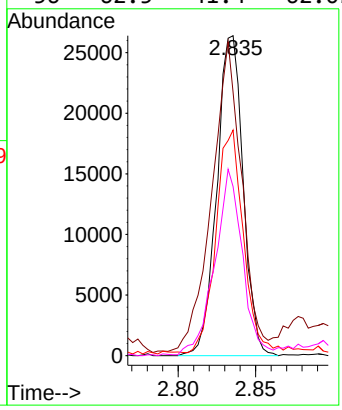




#26
Hexane
Concen: 1.236 ppbv
RT: 2.835 min Scan# 84
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 57 Resp: 3120

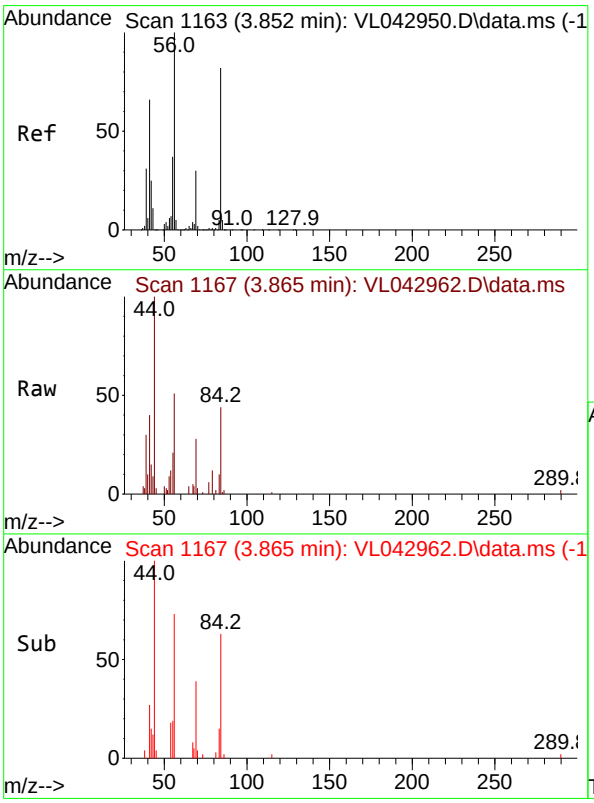
Ion	Ratio	Lower	Upper
57	100		
41	108.8	71.7	107.5#
43	80.4	180.8	271.2#
56	62.5	41.4	62.0#



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

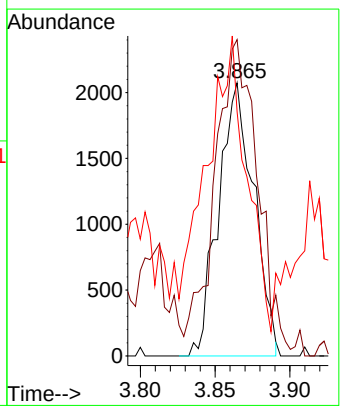
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

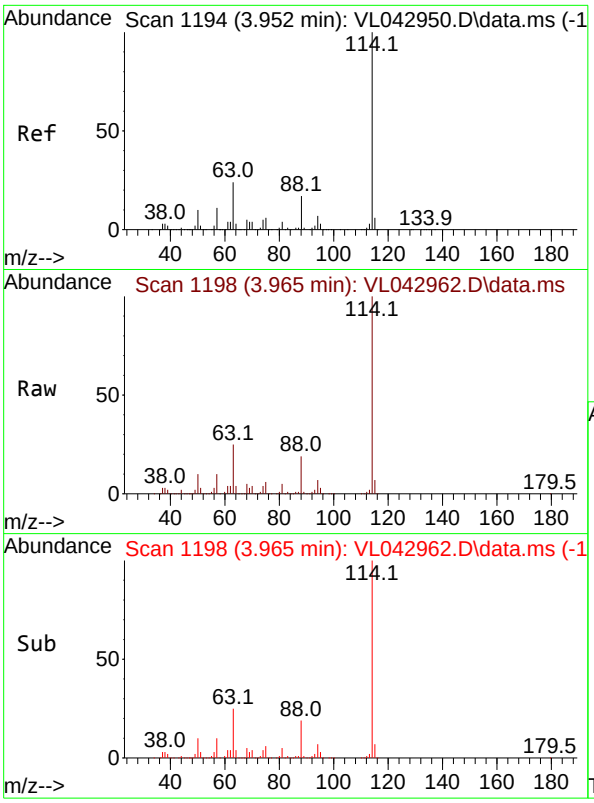


#30
Cyclohexane
Concen: 0.161 ppbv m
RT: 3.865 min Scan# 1167
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 84 Resp: 3406

Ion	Ratio	Lower	Upper
84	100		
56	139.6	102.2	153.4
41	119.6	65.6	98.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:114 Resp: 51300

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.4	29.2
88	17.7	14.2	21.2

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

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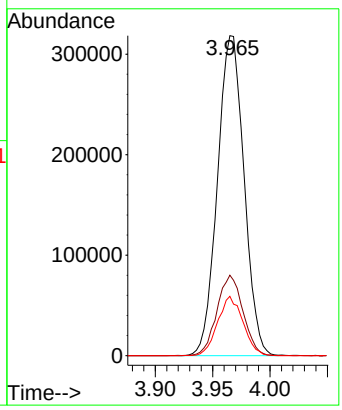
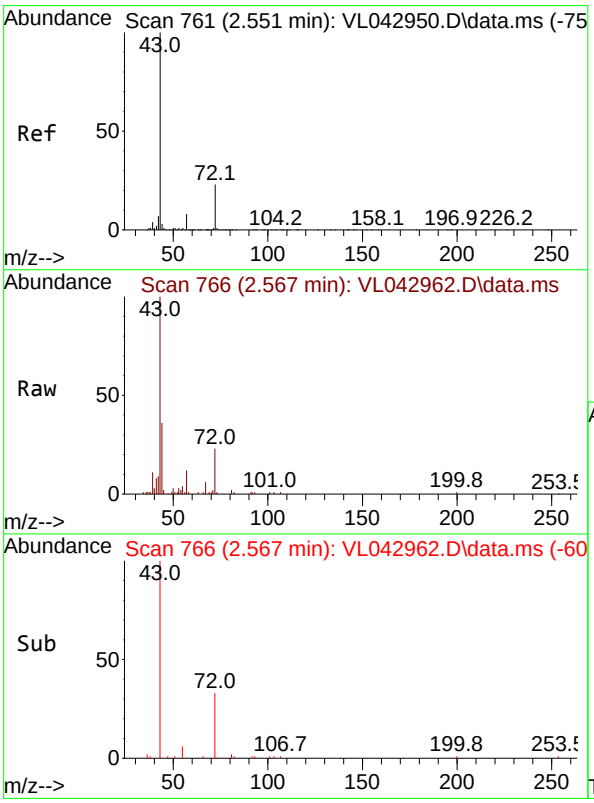
Supervised By :Mahesh Dadoda 09/24/2025

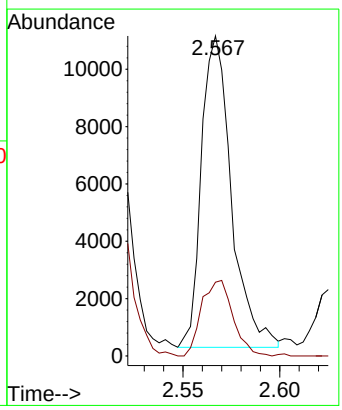


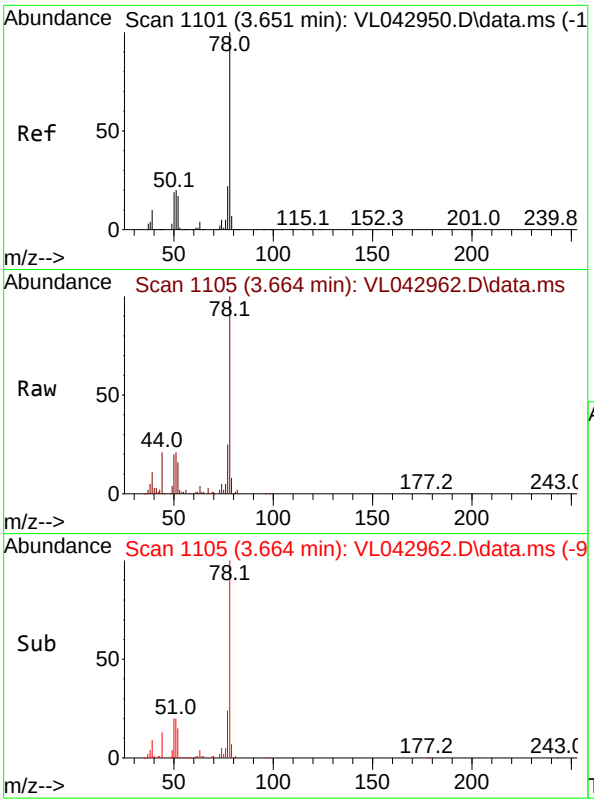


#34
2-Butanone
Concen: 0.326 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.016 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 43 Resp: 11709

Ion	Ratio	Lower	Upper
43	100		
72	25.6	17.7	26.5





#36
Benzene
Concen: 0.691 ppbv
RT: 3.664 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

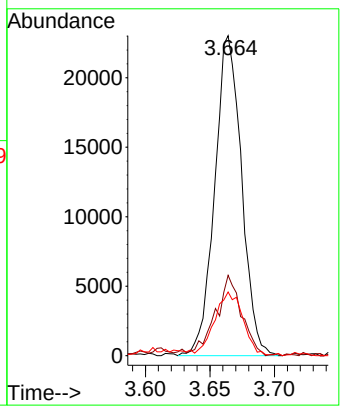
Tgt Ion: 78 Resp: 3331

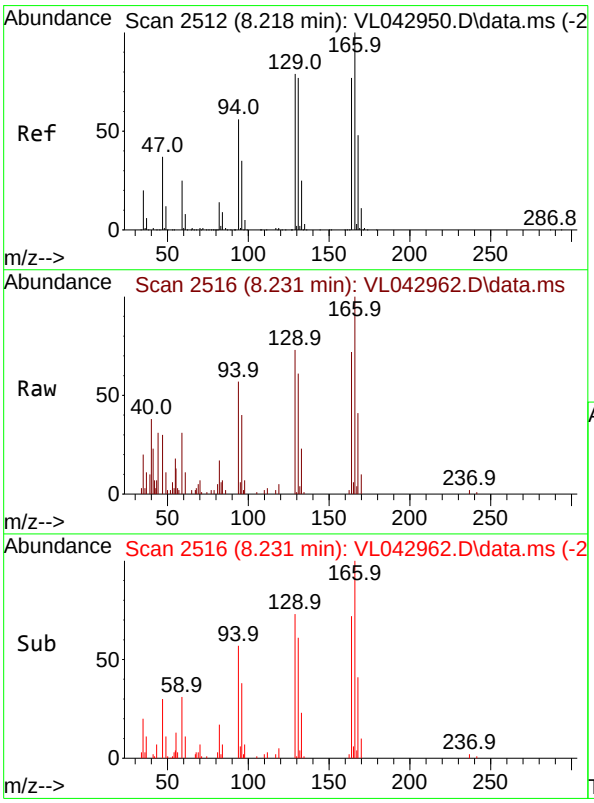
Ion	Ratio	Lower	Upper
78	100		
77	24.5	17.8	26.6
50	19.2	15.0	22.4

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

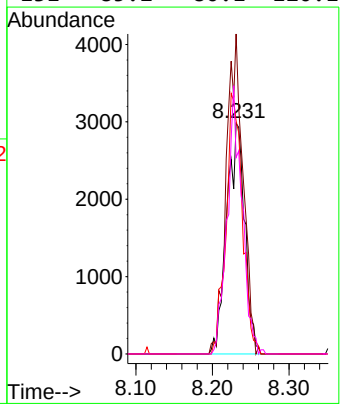


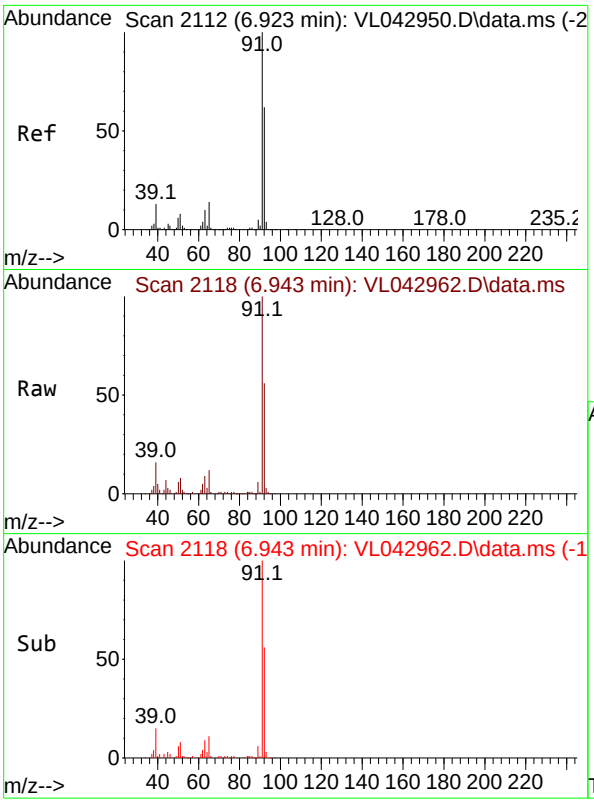


#52
Tetrachloroethene
Concen: 0.262 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:164 Resp: 4881

Ion	Ratio	Lower	Upper
164	100		
166	138.7	103.5	155.3
129	101.0	82.2	123.4
131	85.2	80.1	120.1





#53
Toluene
Concen: 1.347 ppbv
RT: 6.943 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

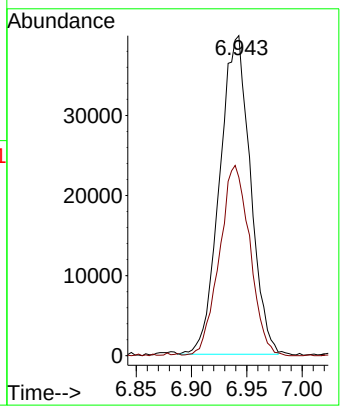
Tgt Ion: 91 Resp: 7679

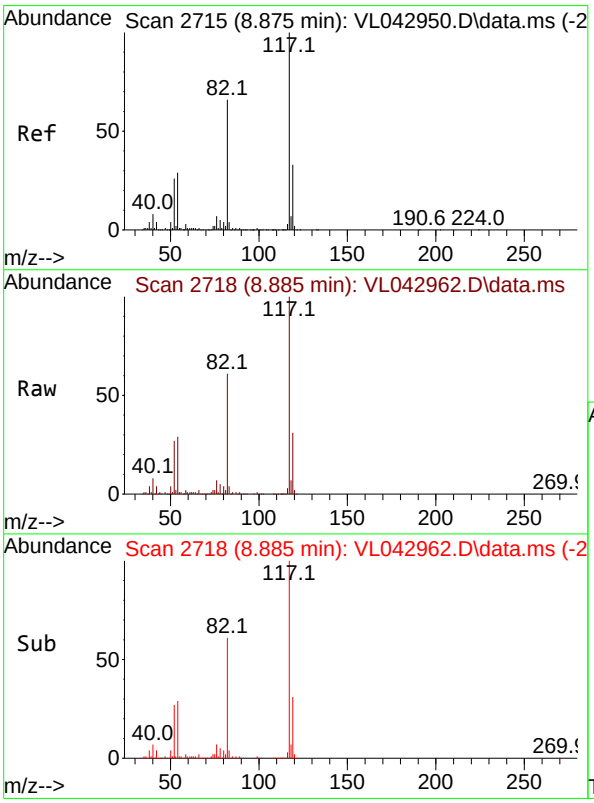
Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.2	72.2

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

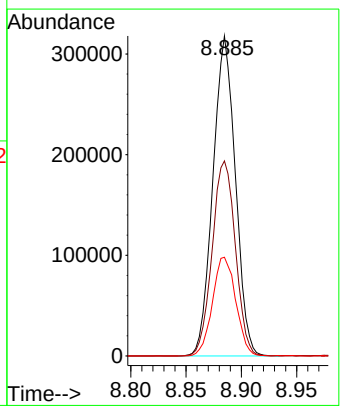


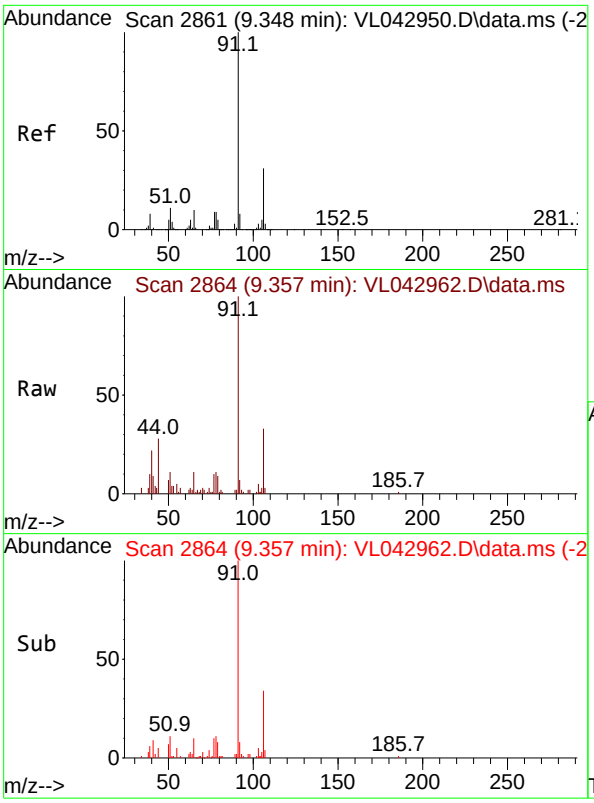


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:117 Resp: 448889

Ion	Ratio	Lower	Upper
117	100		
82	63.1	52.8	79.2
119	32.1	26.5	39.7





#58
Ethyl Benzene
Concen: 0.141 ppbv
RT: 9.357 min Scan# 2
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 91 Resp: 1037

Ion	Ratio	Lower	Upper
91	100		
106	33.2	24.6	37.0

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

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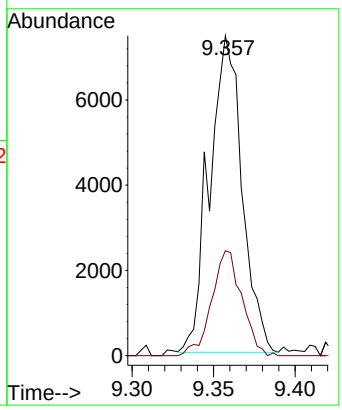
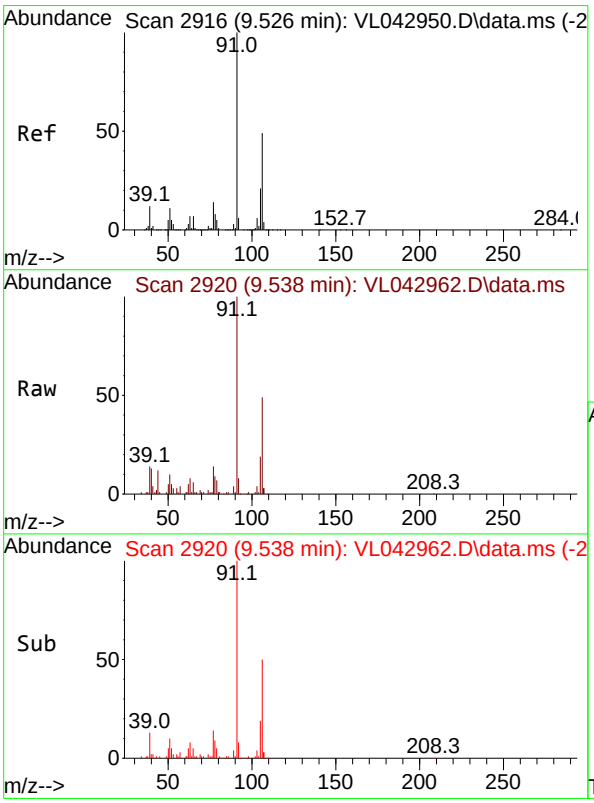
Supervised By :Mahesh Dadoda 09/24/2025

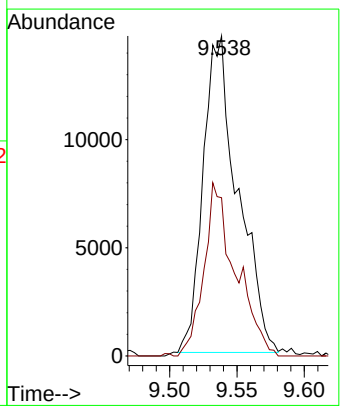


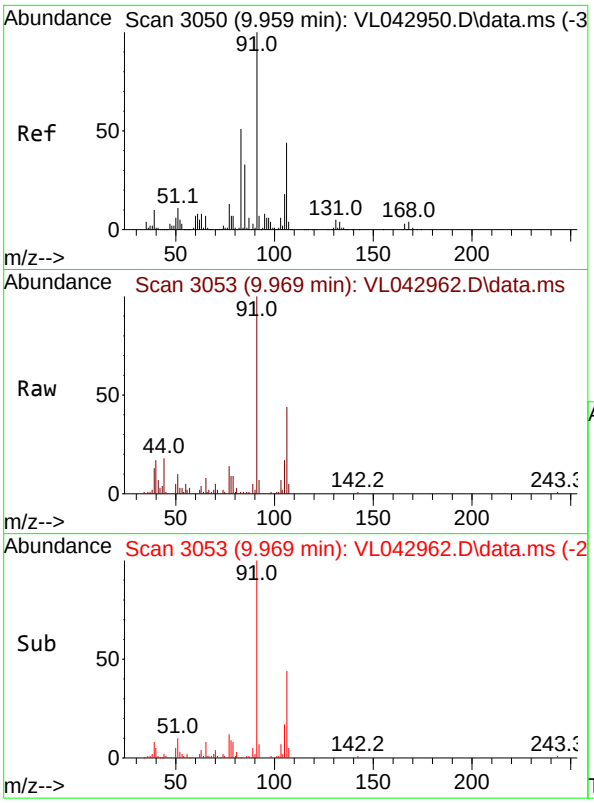


#59
m/p-Xylene
Concen: 0.452 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 91 Resp: 26248

Ion	Ratio	Lower	Upper
91	100		
106	50.0	0.0	0.0#

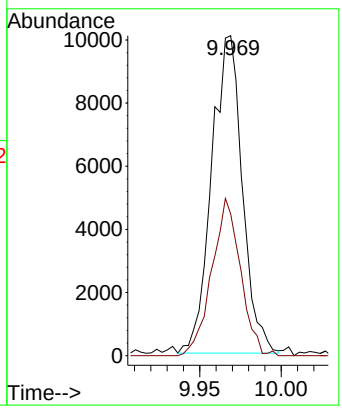




#60
o-Xylene
Concen: 0.227 ppbv
RT: 9.969 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 91 Resp: 1316

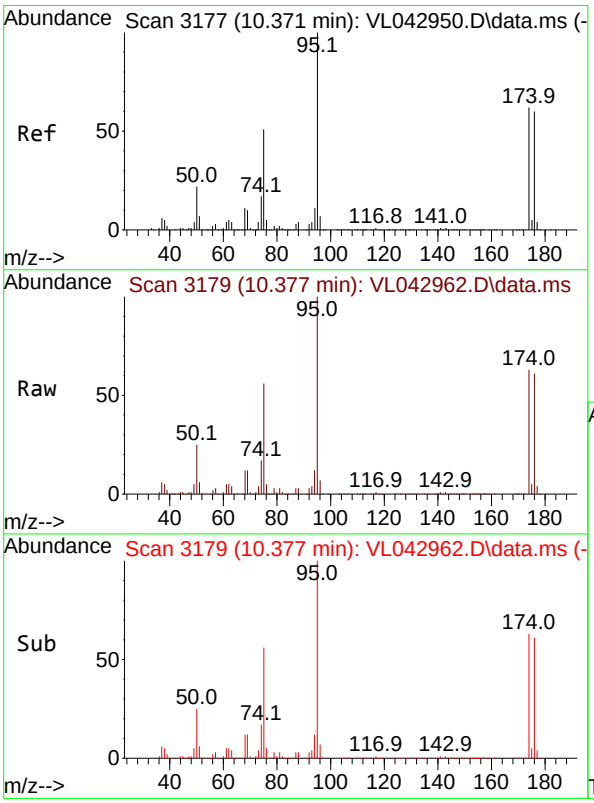
Ion	Ratio	Lower	Upper
91	100		
106	46.2	22.4	67.0



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

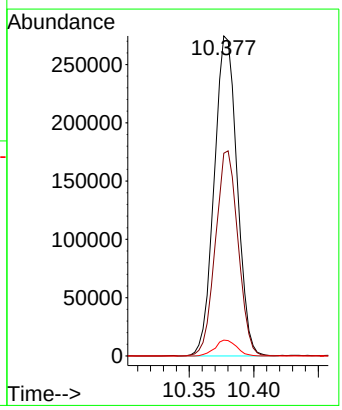
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

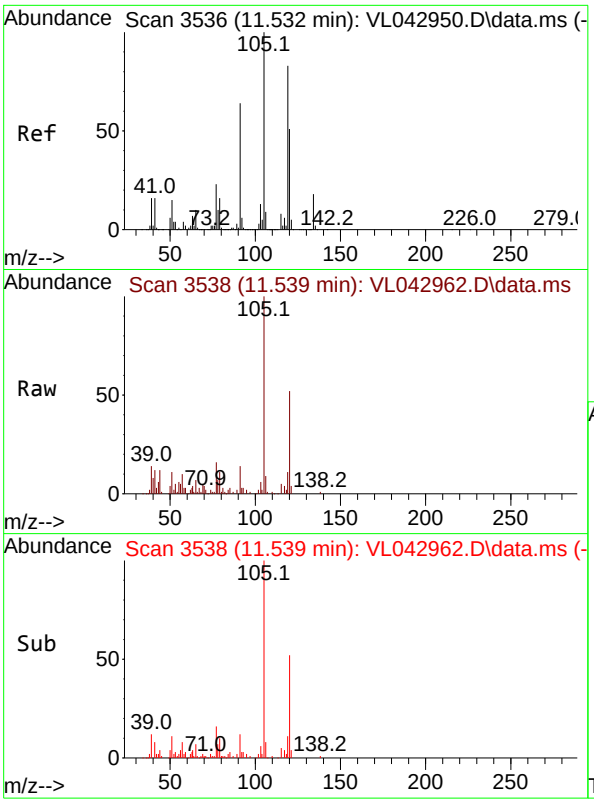


#68
1-Bromo-4-Fluorobenzene
Concen: 10.069 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 95 Resp: 337380

Ion	Ratio	Lower	Upper
95	100		
174	63.6	51.4	77.2
175	4.7	4.0	6.0

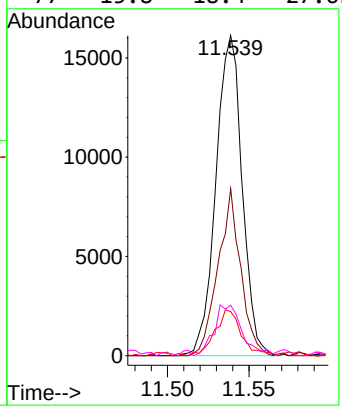




#74
1,2,4-Trimethylbenzene
Concen: 0.277 ppbv
RT: 11.539 min Scan# 3
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:105 Resp: 1803

Ion	Ratio	Lower	Upper
105	100		
120	52.2	40.9	61.3
91	13.7	51.2	76.8#
77	15.8	18.4	27.6#



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	09/12/25
Project:	157 jericho turnpike mineola ny	Date Received:	09/16/25
Client Sample ID:	SV2	SDG No.:	Q3112
Lab Sample ID:	Q3112-02	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042964.D	4		09/22/25 19:14	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	0.10	0.26	U	0.26	0.31	
142-82-5	Heptane	0.68	2.79	U	2.79	8.20	
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	U	1.59	7.93	
71-55-6	1,1,1-Trichloroethane	0.060	0.33	U	0.33	0.65	
540-84-1	2,2,4-Trimethylpentane	0.56	2.62	U	2.62	9.34	
71-43-2	Benzene	0.32	1.02	U	1.02	6.39	
79-01-6	Trichloroethene	0.10	0.54	U	0.54	0.64	
108-88-3	Toluene	0.64	2.41	J	2.41	7.54	
127-18-4	Tetrachloroethene	0.060	0.41	U	0.41	0.81	
100-41-4	Ethyl Benzene	0.76	3.30	U	3.30	8.69	
179601-23-1	m/p-Xylene	1.60	6.95	U	6.95	17.4	
95-47-6	o-Xylene	0.84	3.65	U	3.65	8.69	
108-67-8	1,3,5-Trimethylbenzene	0.72	3.54	U	3.54	9.83	
95-63-6	1,2,4-Trimethylbenzene	0.72	3.54	U	3.54	9.83	
91-20-3	Naphthalene	0.050	0.26	U	0.26	2.10	
110-54-3	Hexane	62.1	219	E	2.26	7.05	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135	101%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	159000		2.794			
540-36-3	1,4-Difluorobenzene	480000		3.965			
3114-55-4	Chlorobenzene-d5	425000		8.888			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042964.D
Acq On : 22 Sep 2025 19:14
Operator : SY/MD
Sample : Q3112-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.794	49	158850	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.965	114	479932	10.000	ppbv		0.01
55) Chlorobenzene-d5	8.888	117	425185	10.000	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.380	95	320799	10.107	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	2520	0.118	ppbv		99
4) Chloromethane	1.535	50	1092	0.113	ppbv		90
9) Propene	1.486	41	2011m	0.174	ppbv		
11) Trichlorofluoromethane	1.881	101	11680	0.567	ppbv		95
13) Ethanol	1.725	45	5193	4.621	ppbv	#	35
15) Acetone	1.839	43	117056	5.658	ppbv		96
19) Isopropyl Alcohol	1.891	45	8822	0.709	ppbv	#	1
20) Methylene Chloride	2.065	84	281379	48.174	ppbv		98
26) Hexane	2.832	57	369938	15.520	ppbv	#	40
34) 2-Butanone	2.567	43	3865m	0.115	ppbv		
53) Toluene	6.946	91	8319	0.156	ppbv		95
74) 1,2,4-Trimethylbenzene	11.539	105	6358	0.103	ppbv	#	65

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042964.D
Acq On : 22 Sep 2025 19:14
Operator : SY/MD
Sample : Q3112-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
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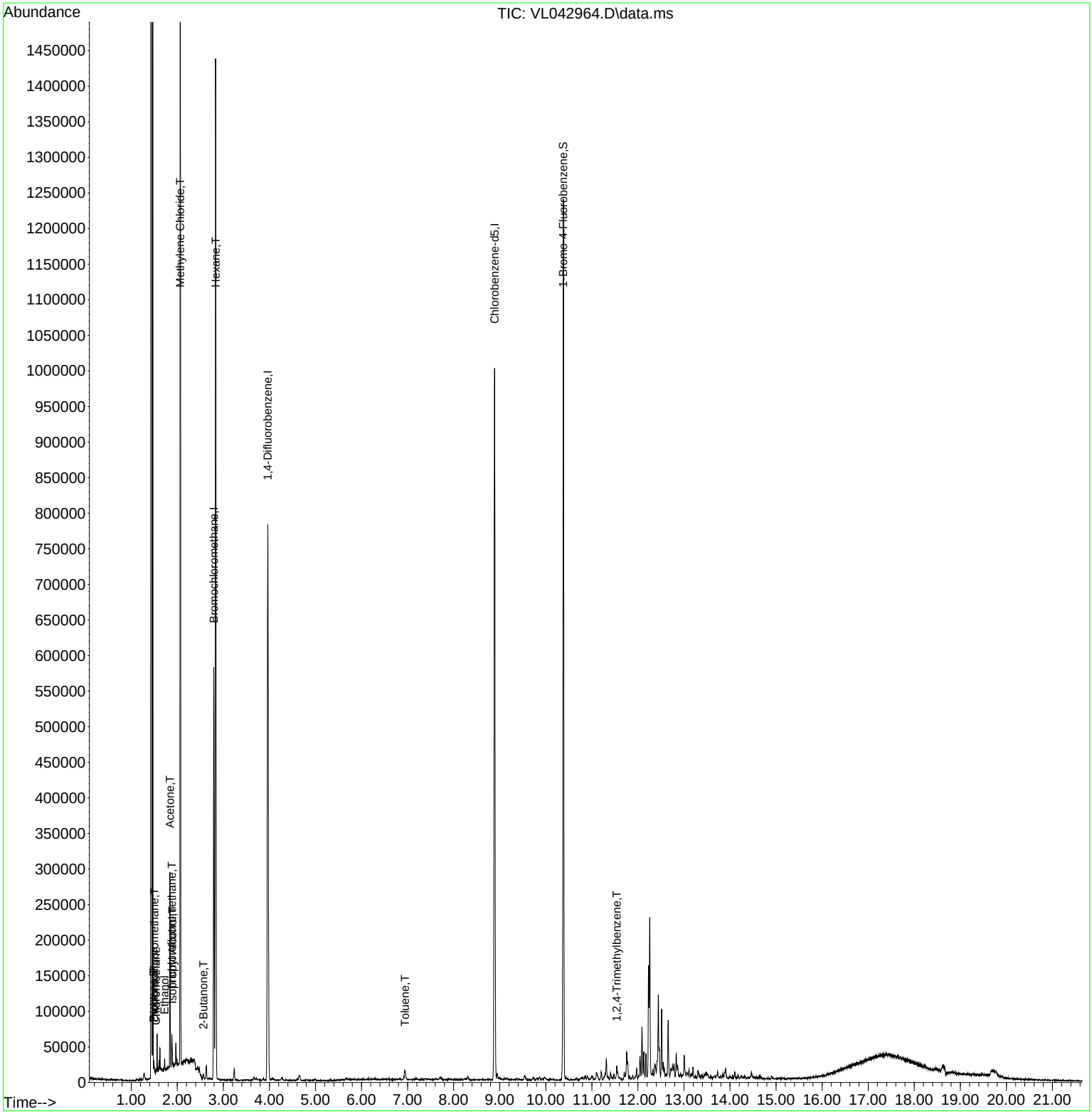
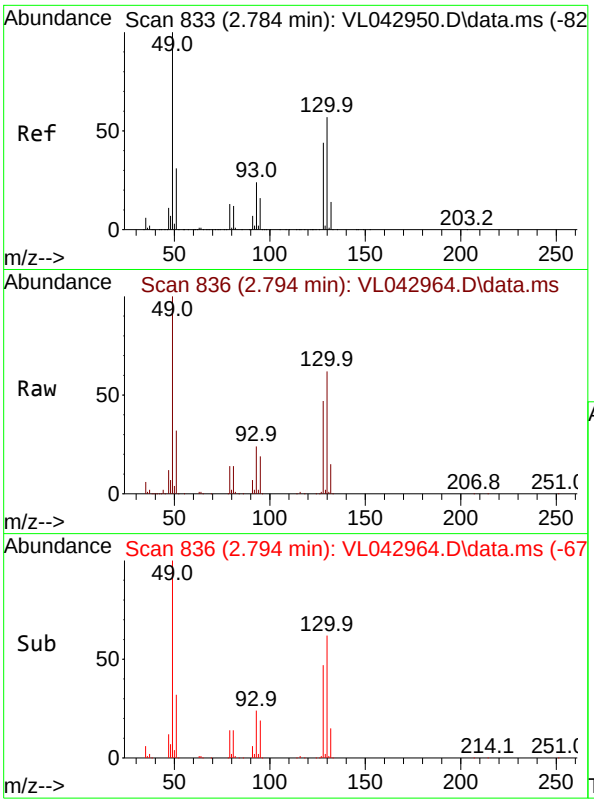
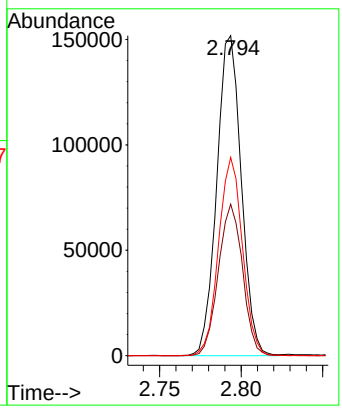




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 49 Resp: 15885

Ion	Ratio	Lower	Upper
49	100		
128	46.6	22.9	68.8
130	60.2	29.1	87.3



Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

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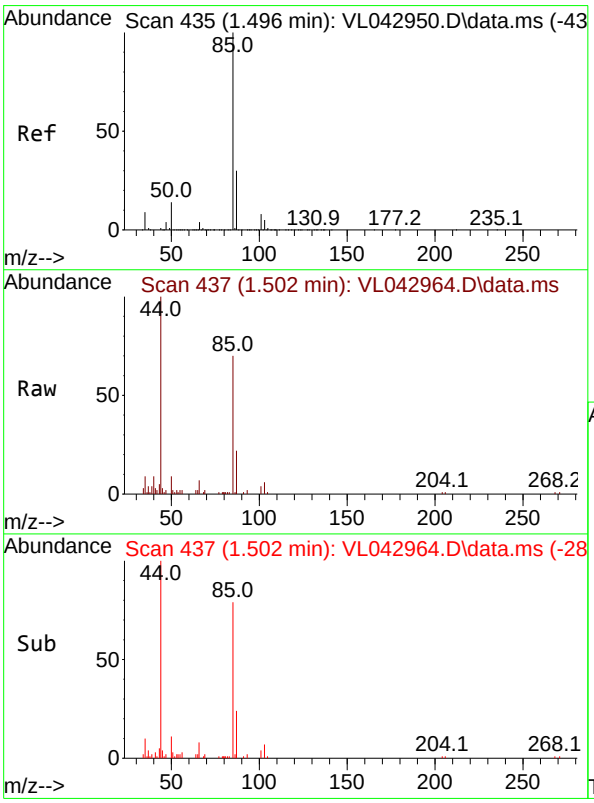
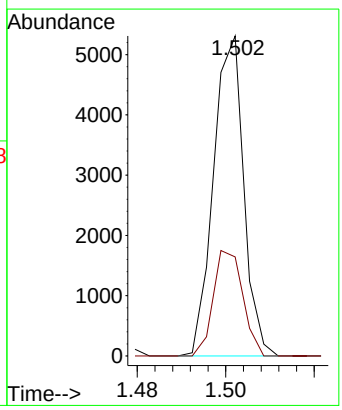
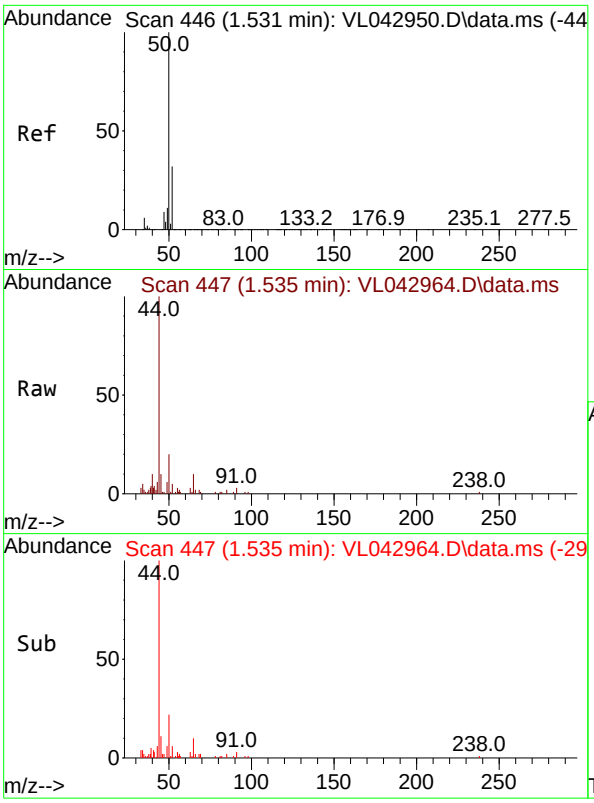


#2
Dichlorodifluoromethane
Concen: 0.118 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 85 Resp: 2520

Ion	Ratio	Lower	Upper
85	100		
87	31.0	24.3	36.5





#4
Chloromethane
Concen: 0.113 ppbv
RT: 1.535 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 50 Resp: 109

Ion	Ratio	Lower	Upper
50	100		
52	26.9	25.9	38.9

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

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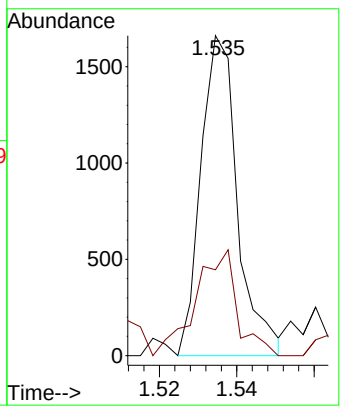
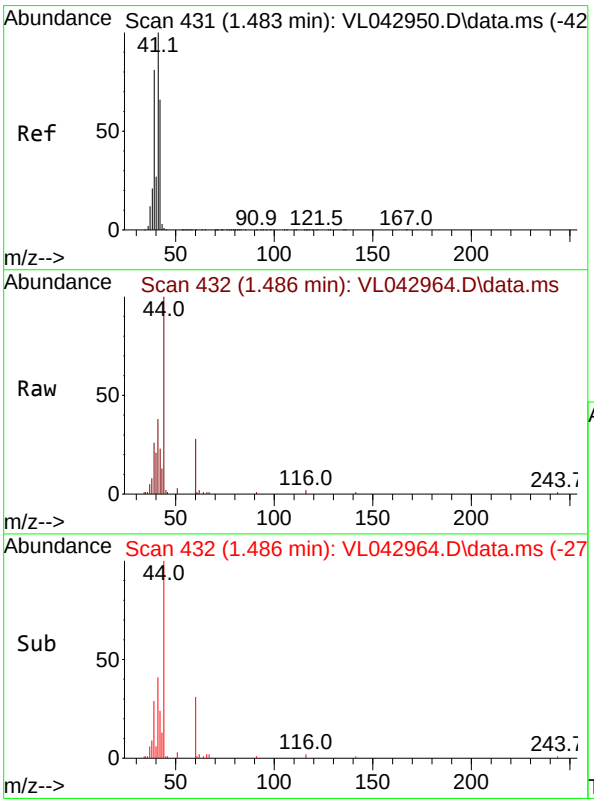
Supervised By :Mahesh Dadoda 09/24/2025

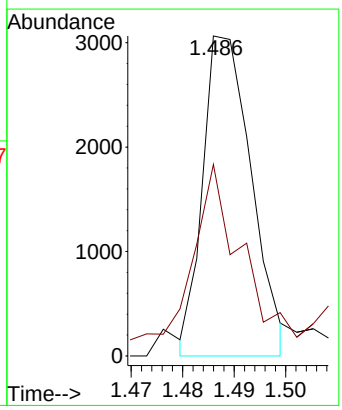


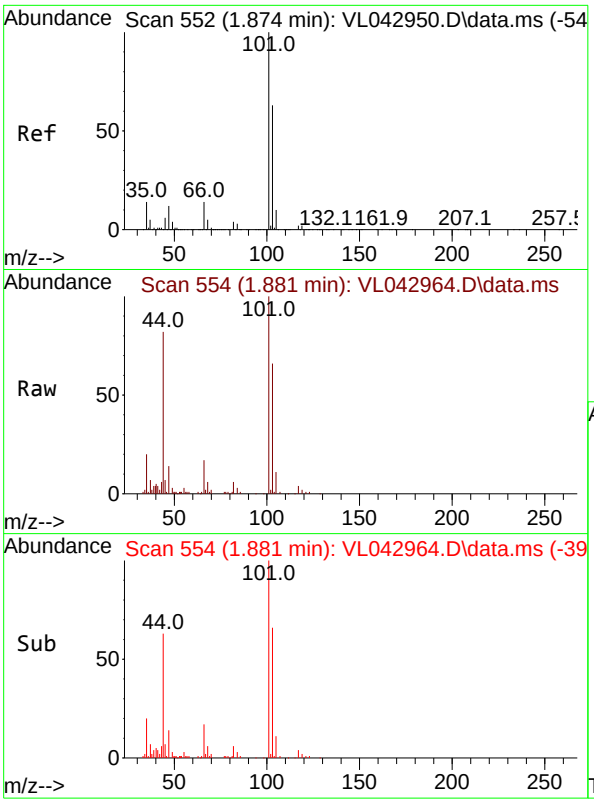


#9
Propene
Concen: 0.174 ppbv m
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 41 Resp: 2011

Ion	Ratio	Lower	Upper
41	100		
42	40.0	57.4	86.2#





#11
Trichlorofluoromethane
Concen: 0.567 ppbv
RT: 1.881 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

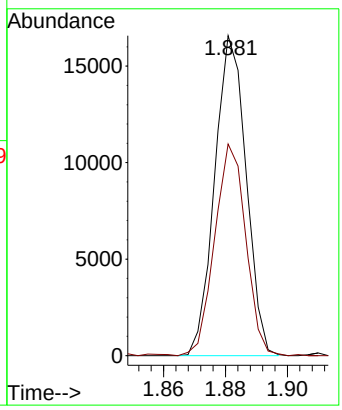
Tgt Ion:101 Resp: 1168

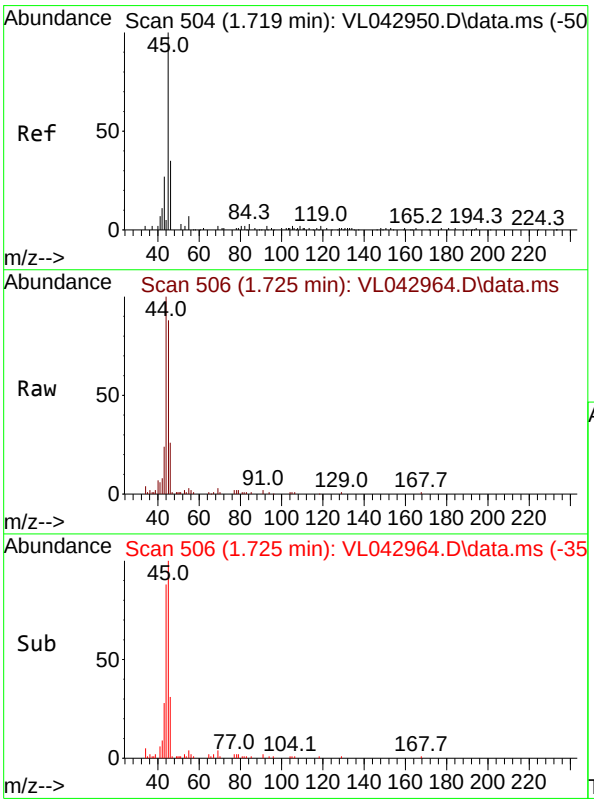
Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.1	75.1

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

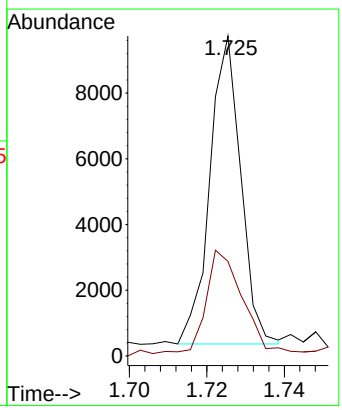


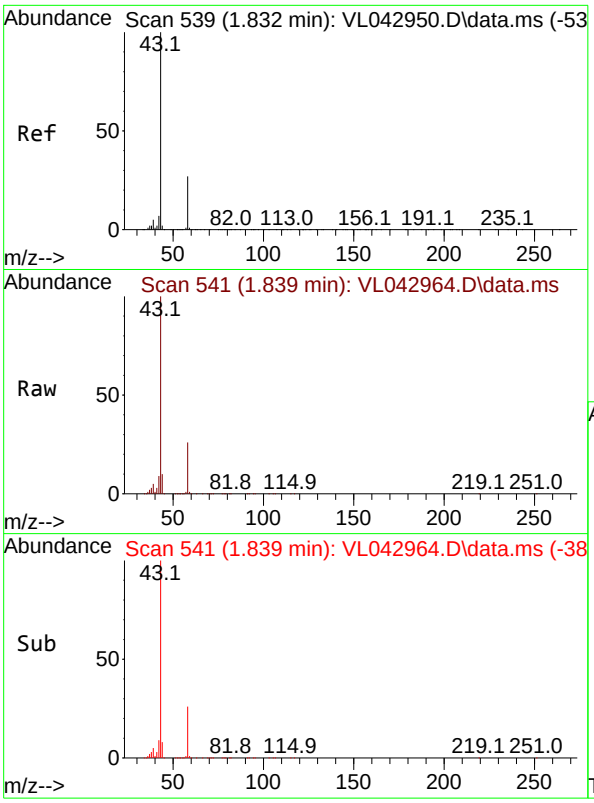


#13
Ethanol
Concen: 4.621 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 45 Resp: 5193

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.6#

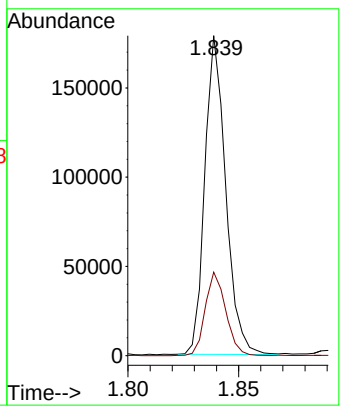




#15
Acetone
Concen: 5.658 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 43 Resp: 11705

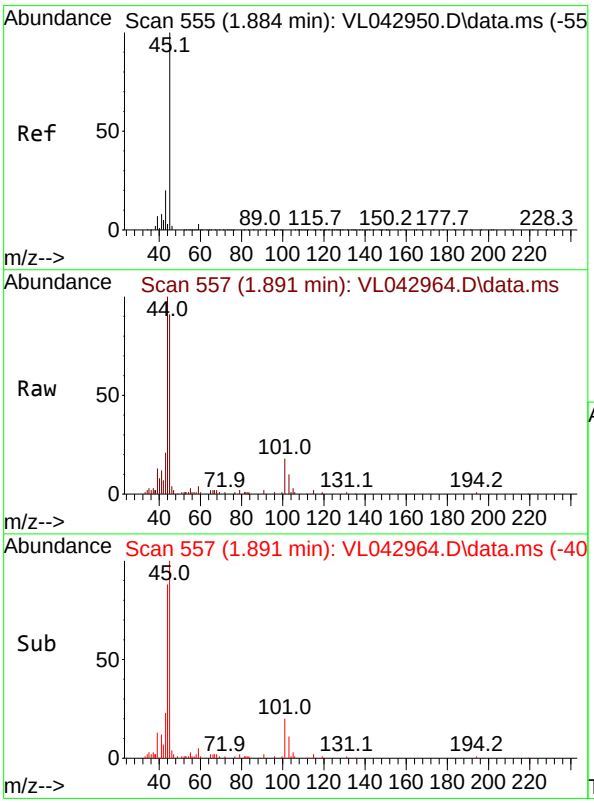
Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.3	33.5



Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

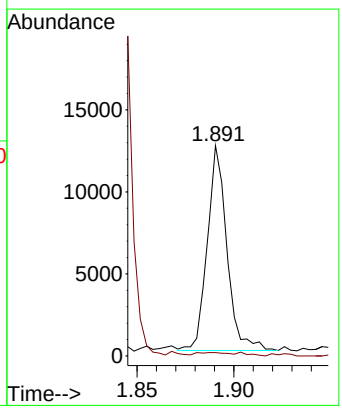
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

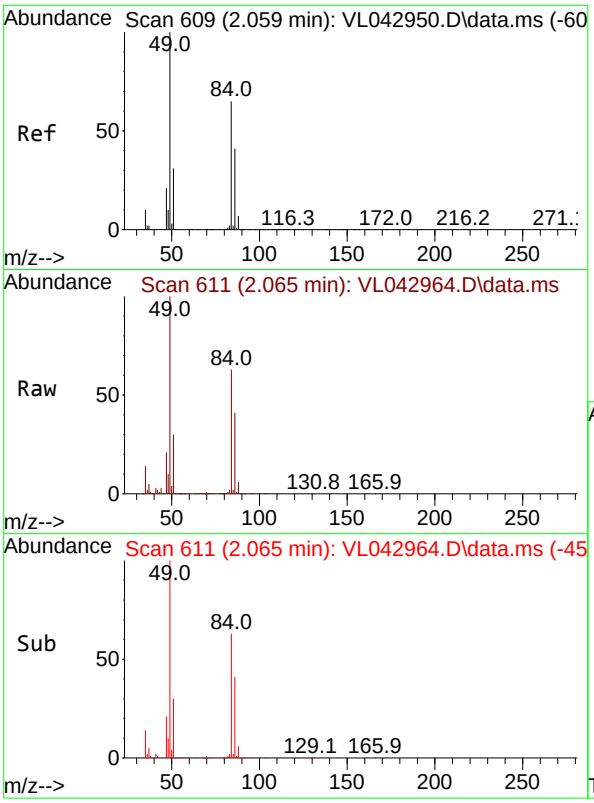


#19
Isopropyl Alcohol
Concen: 0.709 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 45 Resp: 8822

Ion	Ratio	Lower	Upper
45	100		
58	343.3	31.0	46.6#

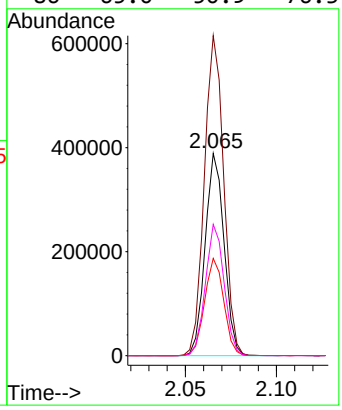




#20
Methylene Chloride
Concen: 48.174 ppbv
RT: 2.065 min Scan# 6
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 84 Resp: 28137

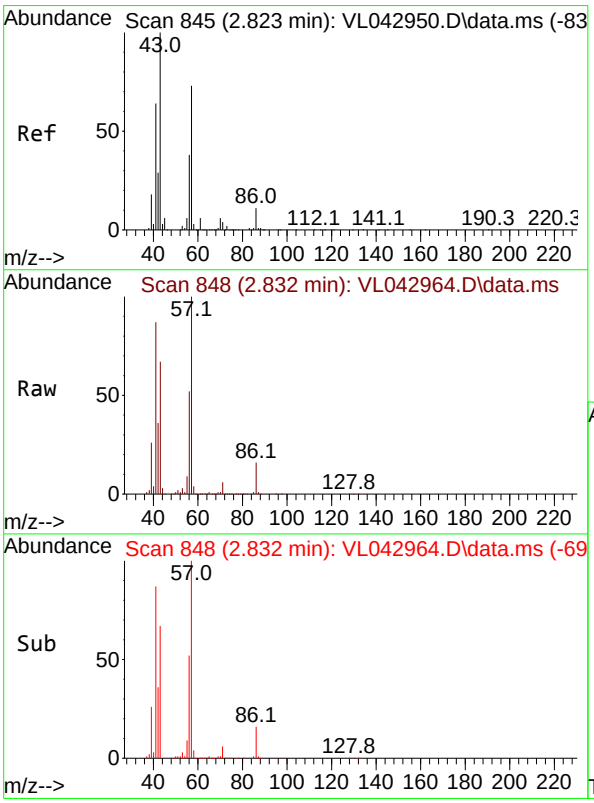
Ion	Ratio	Lower	Upper
84	100		
49	158.2	124.1	186.1
51	48.0	39.8	59.8
86	65.0	50.9	76.3



Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

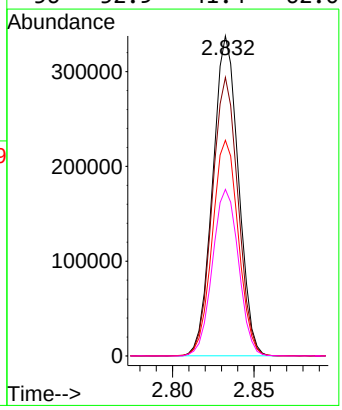
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

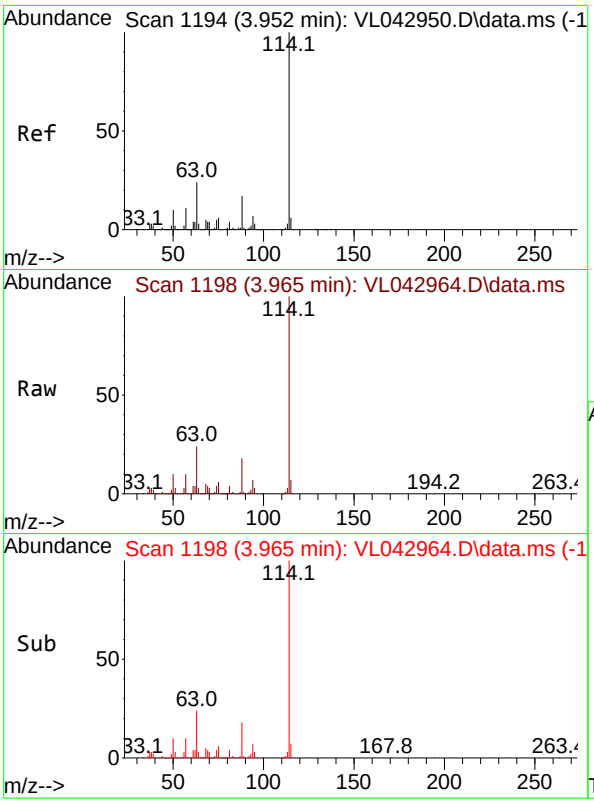


#26
Hexane
Concen: 15.520 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.010 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 57 Resp: 369938

Ion	Ratio	Lower	Upper
57	100		
41	87.6	71.7	107.5
43	68.7	180.8	271.2#
56	52.9	41.4	62.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

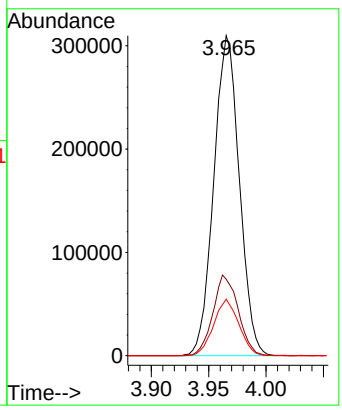
Tgt Ion:114 Resp: 47993

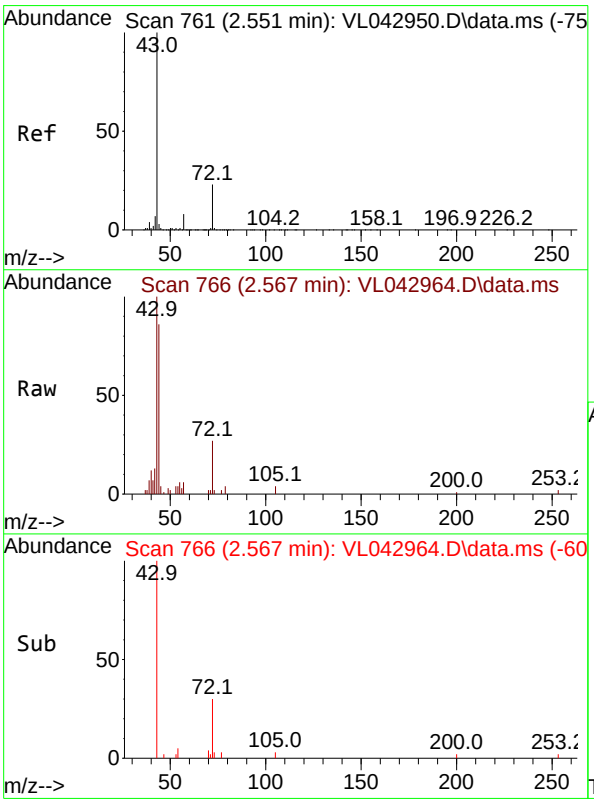
Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.4	29.2
88	17.4	14.2	21.2

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

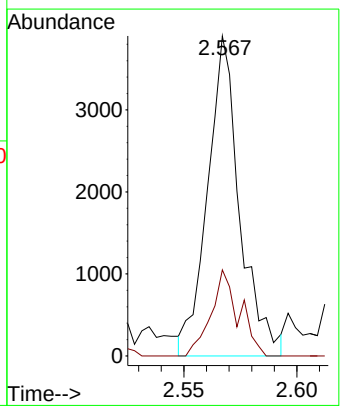


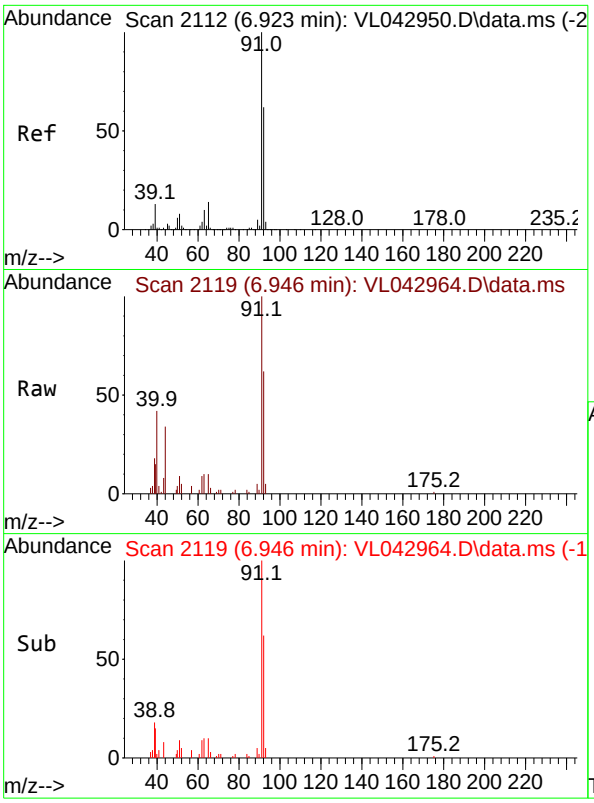


#34
2-Butanone
Concen: 0.115 ppbv m
RT: 2.567 min Scan# 766
Delta R.T. 0.016 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion: 43 Resp: 3865

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.7	26.5





#53
Toluene
Concen: 0.156 ppbv
RT: 6.946 min Scan# 2
Delta R.T. 0.023 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

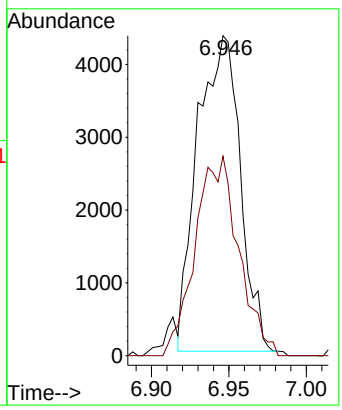
Tgt Ion: 91 Resp: 831

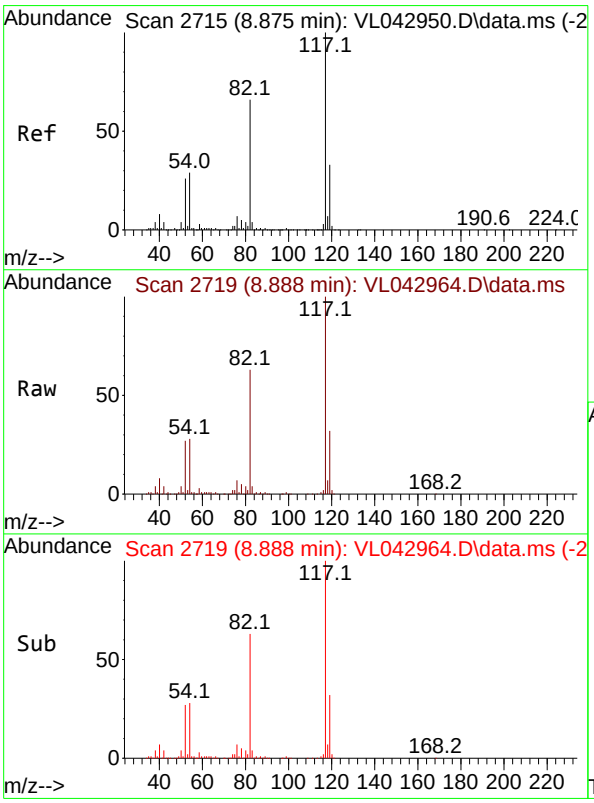
Ion	Ratio	Lower	Upper
91	100		
92	64.0	48.2	72.2

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

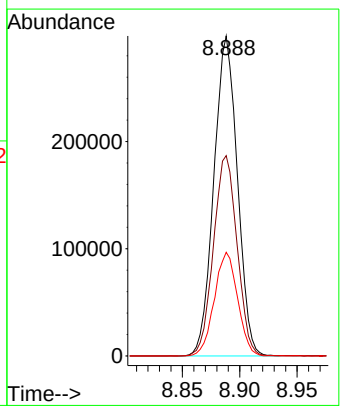


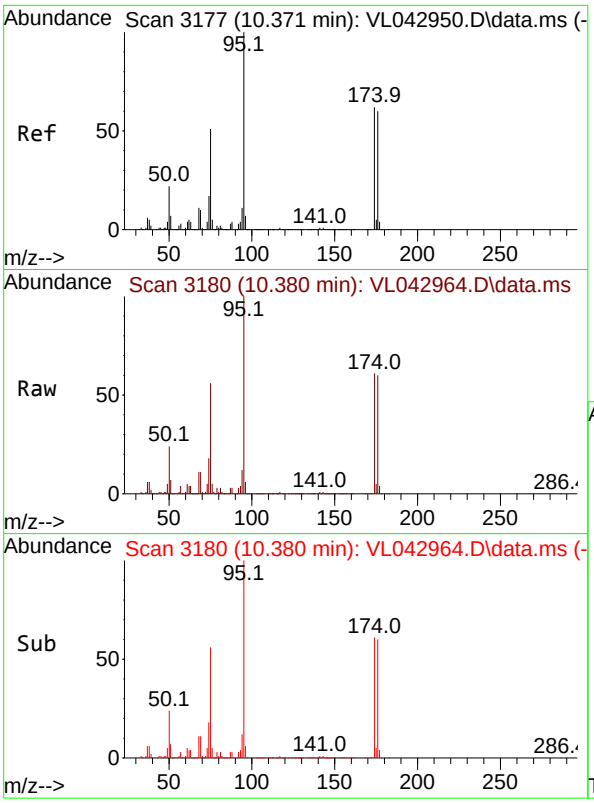


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.013 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion:117 Resp: 425185

Ion	Ratio	Lower	Upper
117	100		
82	63.0	52.8	79.2
119	32.2	26.5	39.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.107 ppbv
RT: 10.380 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

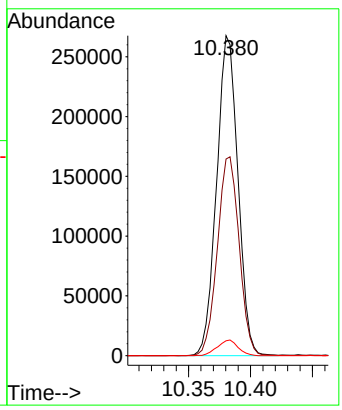
Tgt Ion: 95 Resp: 32079

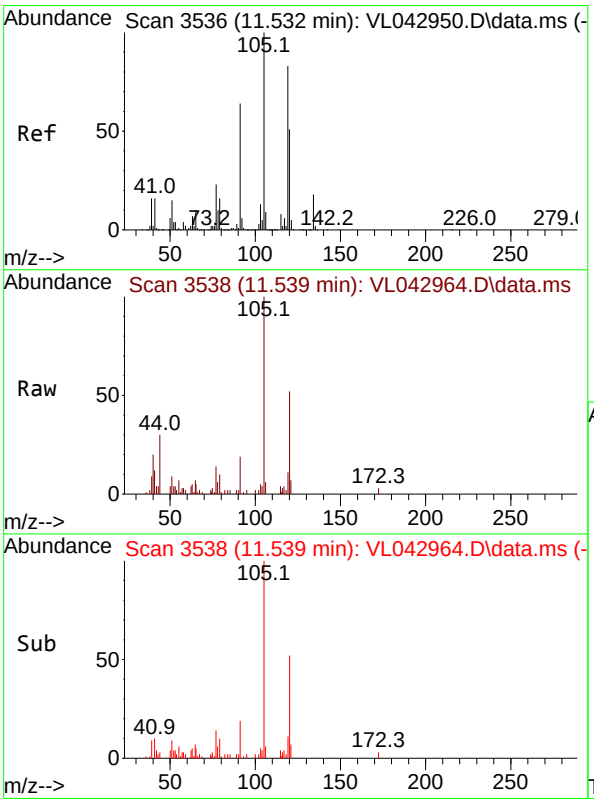
Ion	Ratio	Lower	Upper
95	100		
174	63.8	51.4	77.2
175	4.8	4.0	6.0

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

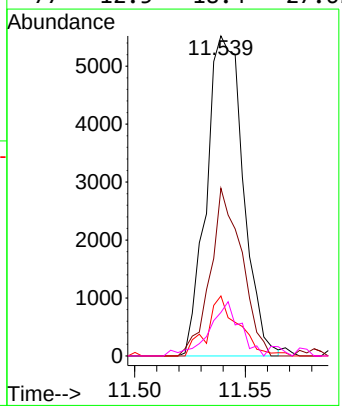




#74
1,2,4-Trimethylbenzene
Concen: 0.103 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.006 min
Lab File: VL042964.D
Acq: 22 Sep 2025 19:14

Tgt Ion:105 Resp: 6358

Ion	Ratio	Lower	Upper
105	100		
120	59.7	40.9	61.3
91	18.7	51.2	76.8#
77	12.5	18.4	27.6#



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	09/12/25
Project:	157 jericho turnpike mineola ny	Date Received:	09/16/25
Client Sample ID:	SV2DL	SDG No.:	Q3112
Lab Sample ID:	Q3112-02DL	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042965.D	40		09/22/25 19:49	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	1.00	2.56	UD	2.56	3.07	
142-82-5	Heptane	6.80	27.9	UD	27.9	82.0	
75-34-3	1,1-Dichloroethane	5.20	21.1	UD	21.1	81.0	
110-82-7	Cyclohexane	8.80	30.3	UD	30.3	68.8	
156-59-2	cis-1,2-Dichloroethene	4.00	15.9	UD	15.9	79.3	
71-55-6	1,1,1-Trichloroethane	0.64	3.49	UD	3.49	6.55	
540-84-1	2,2,4-Trimethylpentane	5.60	26.2	UD	26.2	93.4	
71-43-2	Benzene	3.20	10.2	UD	10.2	63.9	
79-01-6	Trichloroethene	0.96	5.16	UD	5.16	6.45	
108-88-3	Toluene	6.40	24.1	UD	24.1	75.4	
127-18-4	Tetrachloroethene	0.60	4.07	UD	4.07	8.14	
100-41-4	Ethyl Benzene	7.60	33.0	UD	33.0	86.9	
179601-23-1	m/p-Xylene	16.4	71.2	UD	71.2	174	
95-47-6	o-Xylene	8.40	36.5	UD	36.5	86.9	
108-67-8	1,3,5-Trimethylbenzene	7.20	35.4	UD	35.4	98.3	
95-63-6	1,2,4-Trimethylbenzene	7.20	35.4	UD	35.4	98.3	
91-20-3	Naphthalene	0.52	2.73	UD	2.73	21.0	
110-54-3	Hexane	42.7	150	D	22.6	70.5	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.70			65 - 135	97%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	159000		2.79			
540-36-3	1,4-Difluorobenzene	479000		3.965			
3114-55-4	Chlorobenzene-d5	423000		8.885			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042965.D
Acq On : 22 Sep 2025 19:49
Operator : SY/MD
Sample : Q3112-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Quant Time: Sep 23 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

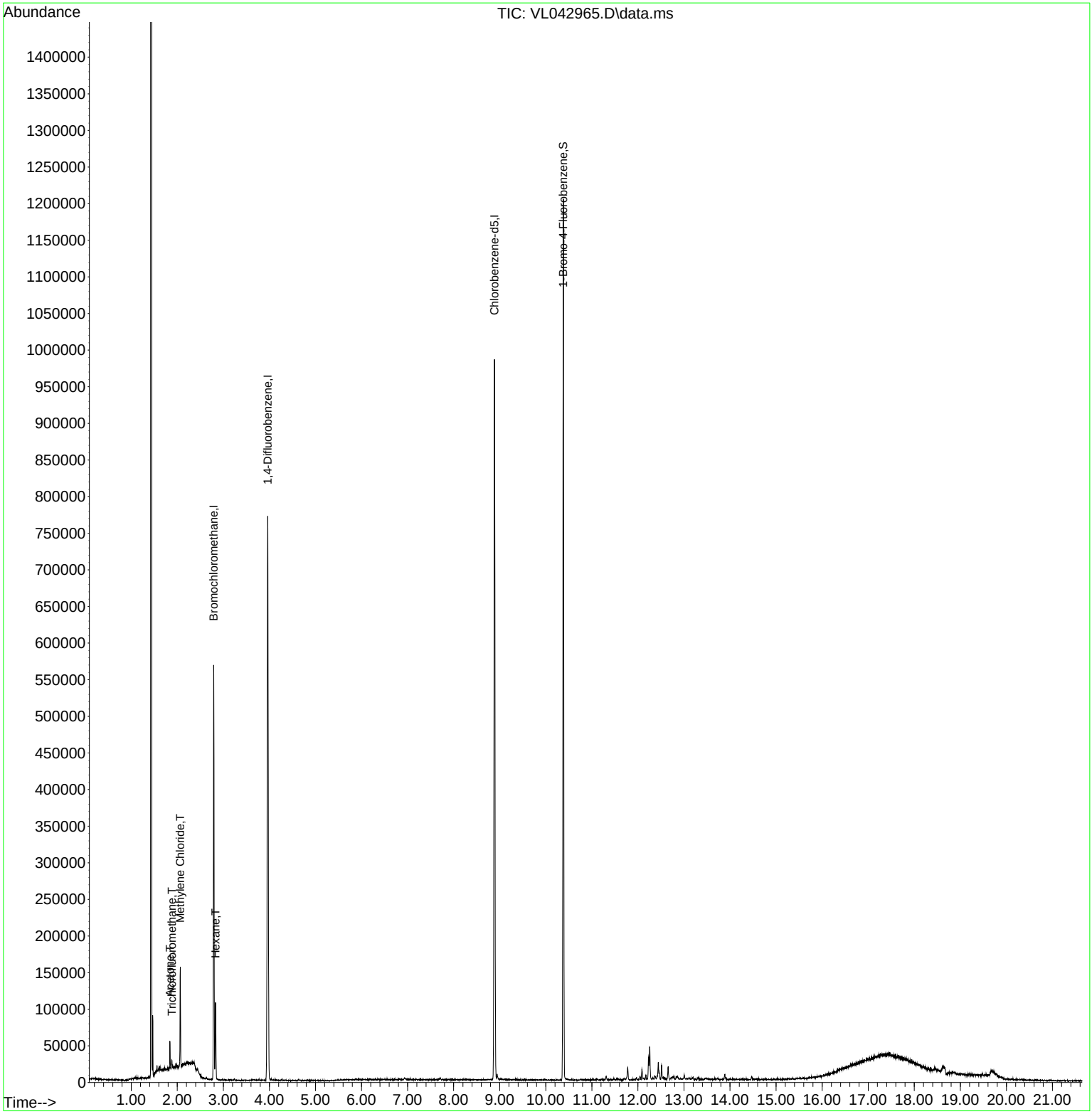
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	159259	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	479324	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.885	117	422943	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	307794	9.749	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.500%			
Target Compounds						Qvalue
11) Trichlorofluoromethane	1.881	101	2884	0.140	ppbv	99
15) Acetone	1.839	43	16126	0.777	ppbv	97
20) Methylene Chloride	2.065	84	20063	2.759	ppbv	96
26) Hexane	2.829	57	25506	1.067	ppbv #	40

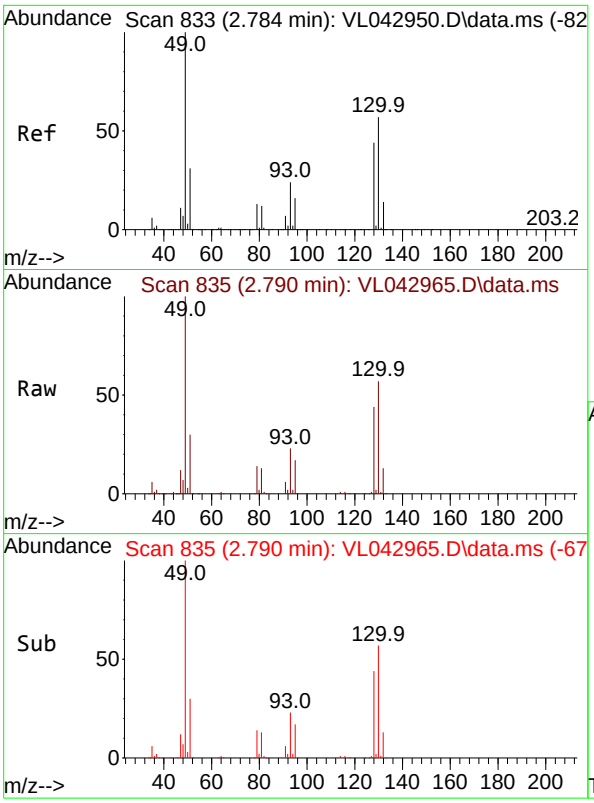
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042965.D
Acq On : 22 Sep 2025 19:49
Operator : SY/MD
Sample : Q3112-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Quant Time: Sep 23 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



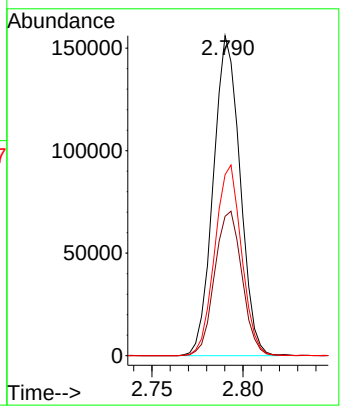


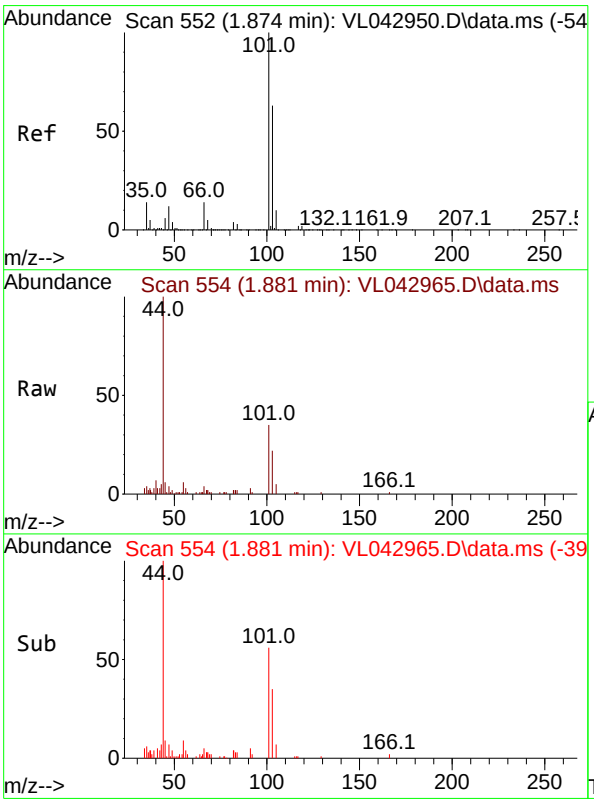
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 49 Resp: 159259

Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.9	68.8
130	59.8	29.1	87.3

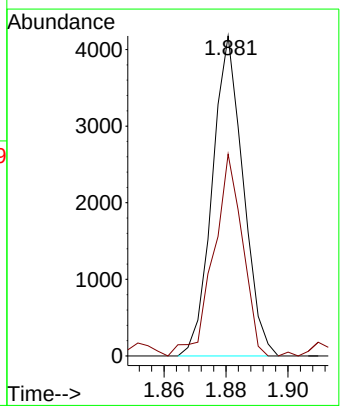


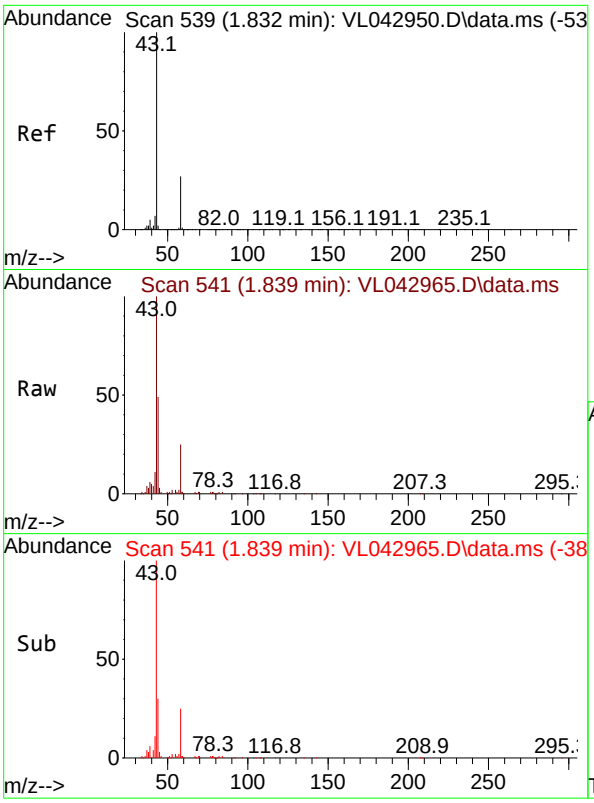


#11
Trichlorofluoromethane
Concen: 0.140 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.006 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Tgt Ion:101 Resp: 2884

Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.1	75.1



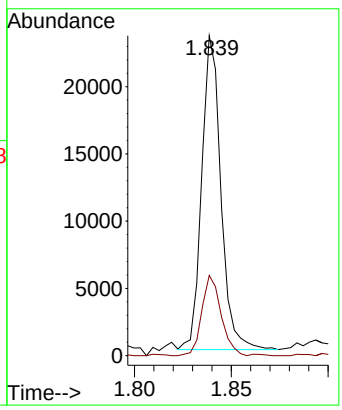


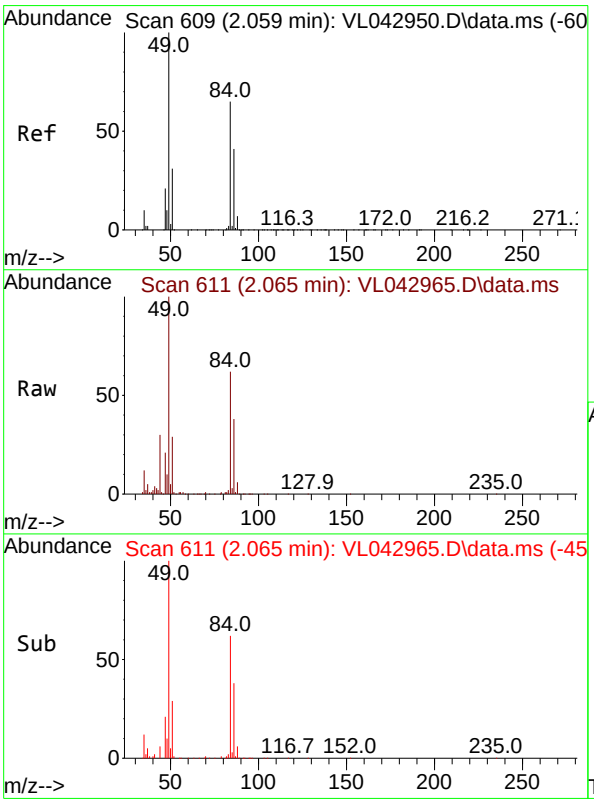
#15
Acetone
Concen: 0.777 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 16126

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.3	33.5

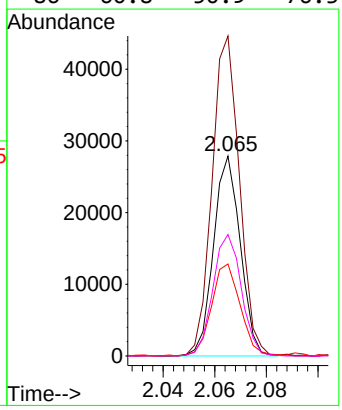


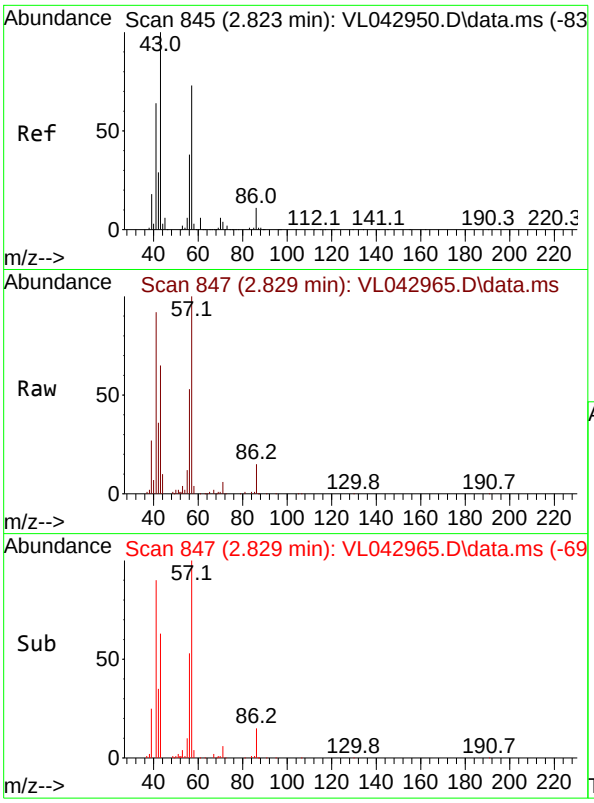


#20
Methylene Chloride
Concen: 2.759 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Tgt Ion: 84 Resp: 20063

Ion	Ratio	Lower	Upper
84	100		
49	159.9	124.1	186.1
51	46.0	39.8	59.8
86	60.8	50.9	76.3



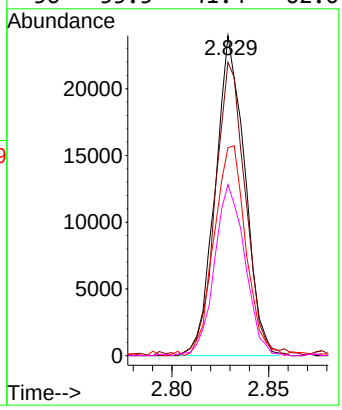


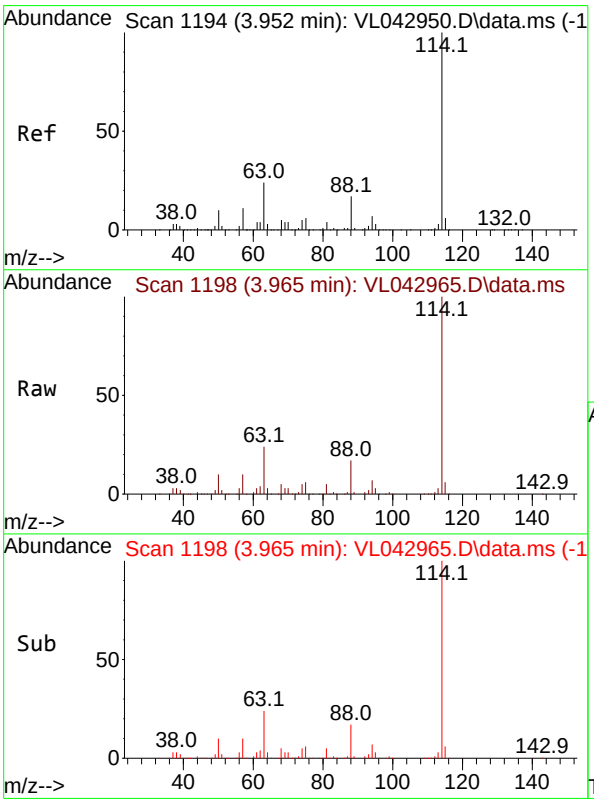
#26
Hexane
Concen: 1.067 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 57 Resp: 25506

Ion	Ratio	Lower	Upper
57	100		
41	96.0	71.7	107.5
43	72.0	180.8	271.2#
56	55.5	41.4	62.0

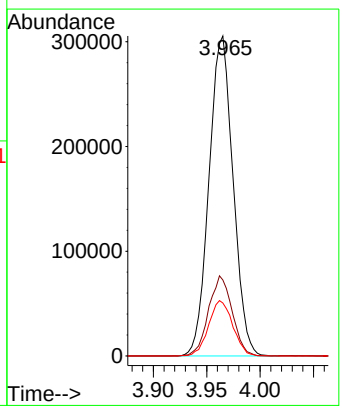


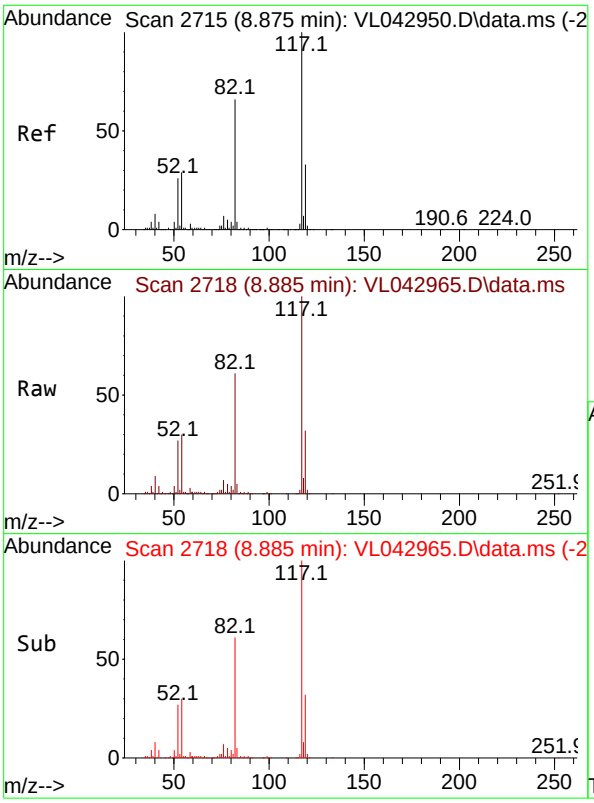


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Tgt Ion:114 Resp: 479324

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.4	29.2
88	17.4	14.2	21.2



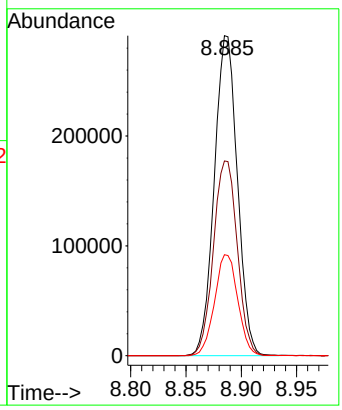


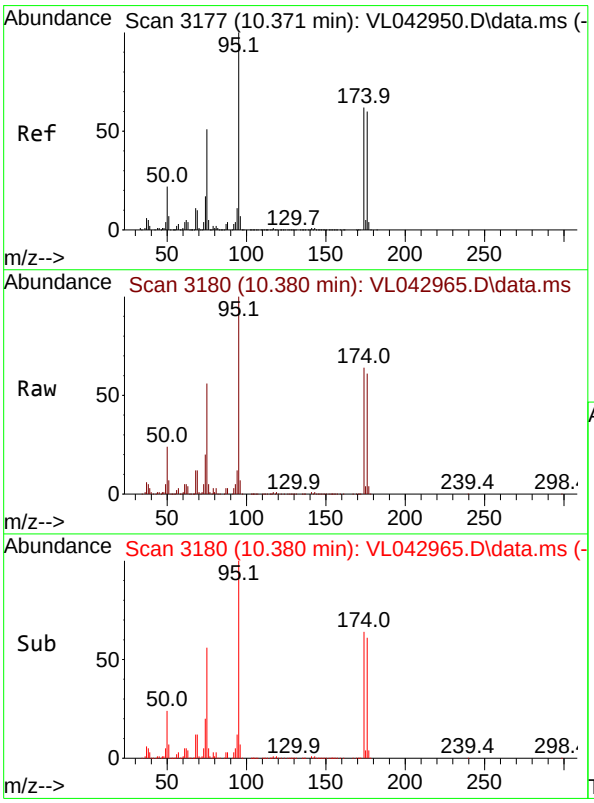
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. 0.010 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion:117 Resp: 422943

Ion	Ratio	Lower	Upper
117	100		
82	62.9	52.8	79.2
119	31.8	26.5	39.7

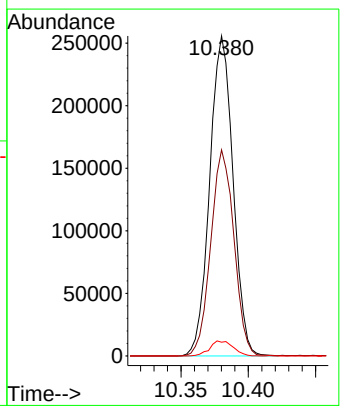




#68
1-Bromo-4-Fluorobenzene
Concen: 9.749 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.010 min
Lab File: VL042965.D
Acq: 22 Sep 2025 19:49

Tgt Ion: 95 Resp: 307794

Ion	Ratio	Lower	Upper
95	100		
174	64.4	51.4	77.2
175	4.7	4.0	6.0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	09/12/25
Project:	157 jericho turnpike mineola ny	Date Received:	09/16/25
Client Sample ID:	SV3	SDG No.:	Q3112
Lab Sample ID:	Q3112-03	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042966.D	4		09/22/25 20:24	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	0.10	0.26	U	0.26	0.31	
142-82-5	Heptane	4.50	18.4		2.79	8.20	
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	
110-82-7	Cyclohexane	1.20	4.13	J	3.03	6.88	
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	U	1.59	7.93	
71-55-6	1,1,1-Trichloroethane	0.060	0.33	U	0.33	0.65	
540-84-1	2,2,4-Trimethylpentane	0.56	2.62	U	2.62	9.34	
71-43-2	Benzene	5.00	16.0		1.02	6.39	
79-01-6	Trichloroethene	0.10	0.54	U	0.54	0.64	
108-88-3	Toluene	6.40	24.1		2.41	7.54	
127-18-4	Tetrachloroethene	1.50	10.2		0.41	0.81	
100-41-4	Ethyl Benzene	0.76	3.30	U	3.30	8.69	
179601-23-1	m/p-Xylene	1.80	7.82	J	6.95	17.4	
95-47-6	o-Xylene	0.84	3.65	J	3.65	8.69	
108-67-8	1,3,5-Trimethylbenzene	0.72	3.54	U	3.54	9.83	
95-63-6	1,2,4-Trimethylbenzene	1.00	4.92	J	3.54	9.83	
91-20-3	Naphthalene	0.050	0.26	U	0.26	2.10	
110-54-3	Hexane	9.10	32.1		2.26	7.05	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	159000		2.797			
540-36-3	1,4-Difluorobenzene	484000		3.968			
3114-55-4	Chlorobenzene-d5	428000		8.888			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042966.D
Acq On : 22 Sep 2025 20:24
Operator : SY/MD
Sample : Q3112-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:55:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.797	49	158622	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	3.968	114	483571	10.000	ppbv		0.02
55) Chlorobenzene-d5	8.888	117	428101	10.000	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.380	95	320479	10.029	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	2575	0.121	ppbv		90
3) Chlorodifluoromethane	1.473	51	33690	1.267	ppbv		99
4) Chloromethane	1.531	50	1334	0.138	ppbv		95
9) Propene	1.482	41	452382	39.107	ppbv		88
10) Heptane	4.991	43	34930m	1.131	ppbv		
11) Trichlorofluoromethane	1.884	101	3259	0.158	ppbv		84
13) Ethanol	1.725	45	7215	6.429	ppbv	#	35
15) Acetone	1.839	43	532821	25.790	ppbv		95
17) tert-Butyl alcohol	2.049	59	5527	0.244	ppbv	#	58
19) Isopropyl Alcohol	1.890	45	40694	3.277	ppbv	#	1
26) Hexane	2.835	57	54134	2.274	ppbv	#	38
29) Chloroform	2.858	83	14657	0.471	ppbv		100
30) Cyclohexane	3.871	84	6268	0.315	ppbv	#	90
34) 2-Butanone	2.564	43	151989	4.485	ppbv		98
36) Benzene	3.664	78	57111	1.258	ppbv		94
52) Tetrachloroethene	8.234	164	6759	0.385	ppbv		90
53) Toluene	6.943	91	86331	1.606	ppbv		99
58) Ethyl Benzene	9.360	91	11418	0.162	ppbv		92
59) m/p-Xylene	9.538	91	25130	0.453	ppbv	#	100
60) o-Xylene	9.969	91	11752	0.212	ppbv		97
74) 1,2,4-Trimethylbenzene	11.539	105	15371	0.247	ppbv	#	66

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

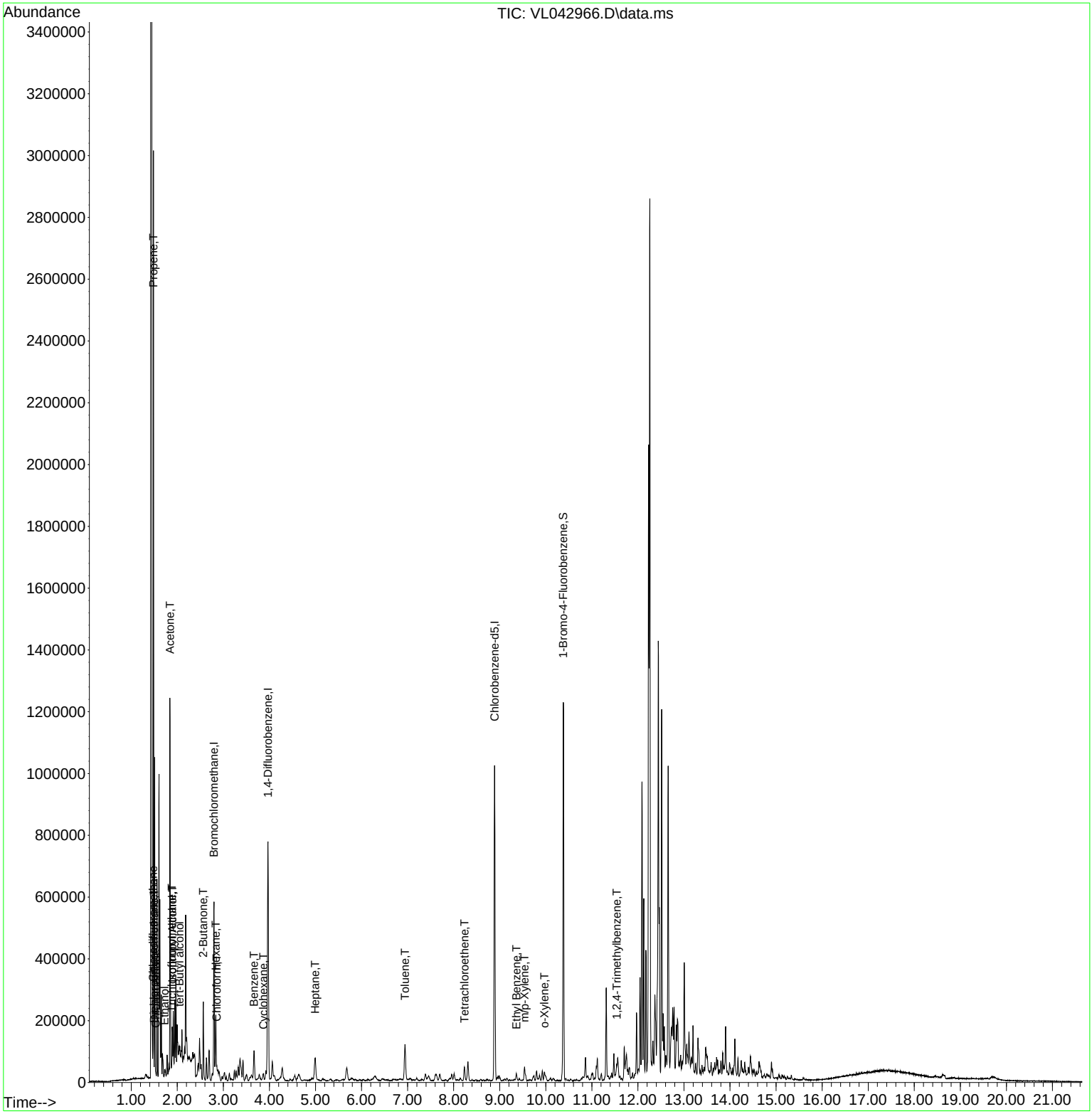
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042966.D
Acq On : 22 Sep 2025 20:24
Operator : SY/MD
Sample : Q3112-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

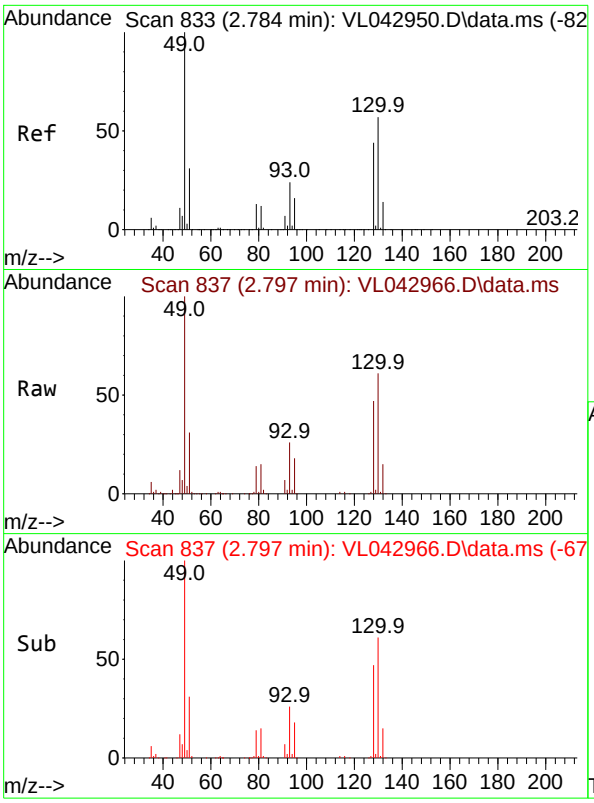
Quant Time: Sep 23 02:55:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

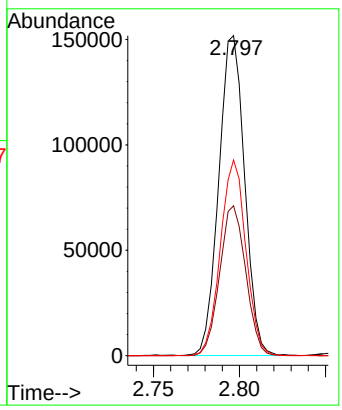




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 8
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 49 Resp: 15862

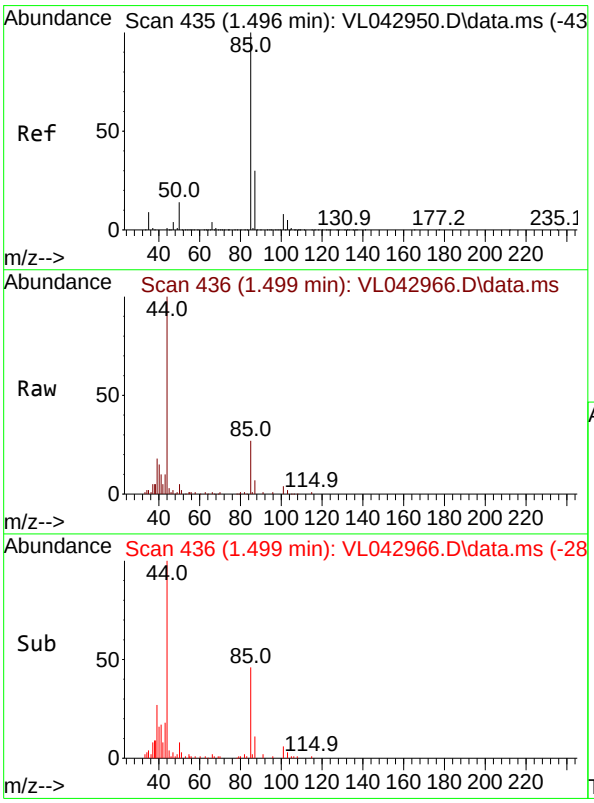
Ion	Ratio	Lower	Upper
49	100		
128	47.3	22.9	68.8
130	60.2	29.1	87.3



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

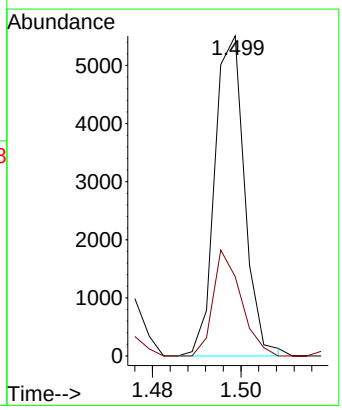
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

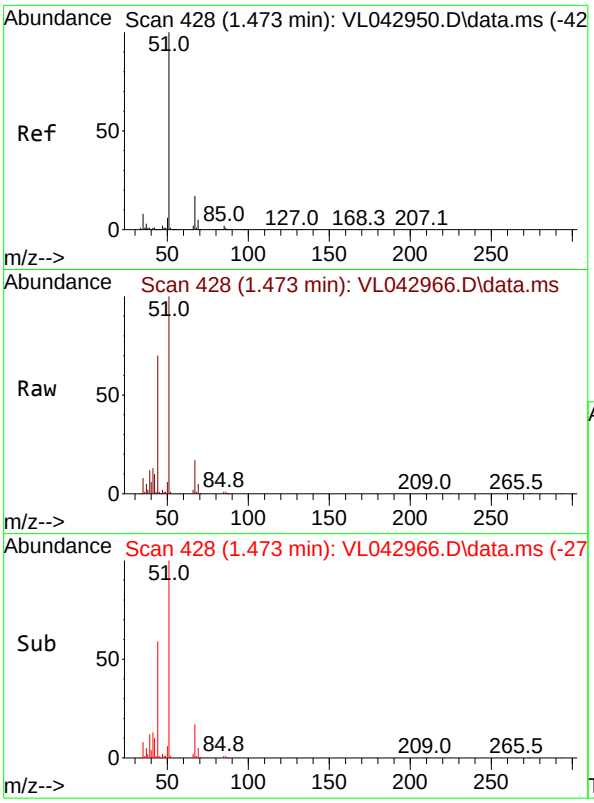


#2
Dichlorodifluoromethane
Concen: 0.121 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 85 Resp: 2575

Ion	Ratio	Lower	Upper
85	100		
87	24.8	24.3	36.5

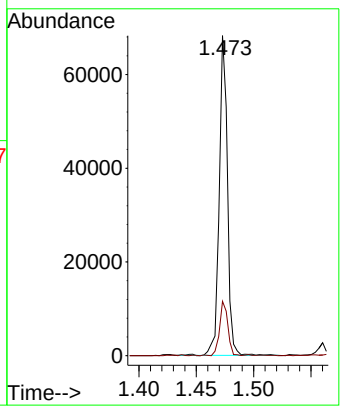




#3
Chlorodifluoromethane
Concen: 1.267 ppbv
RT: 1.473 min Scan# 4
Delta R.T. -0.000 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 51 Resp: 3369

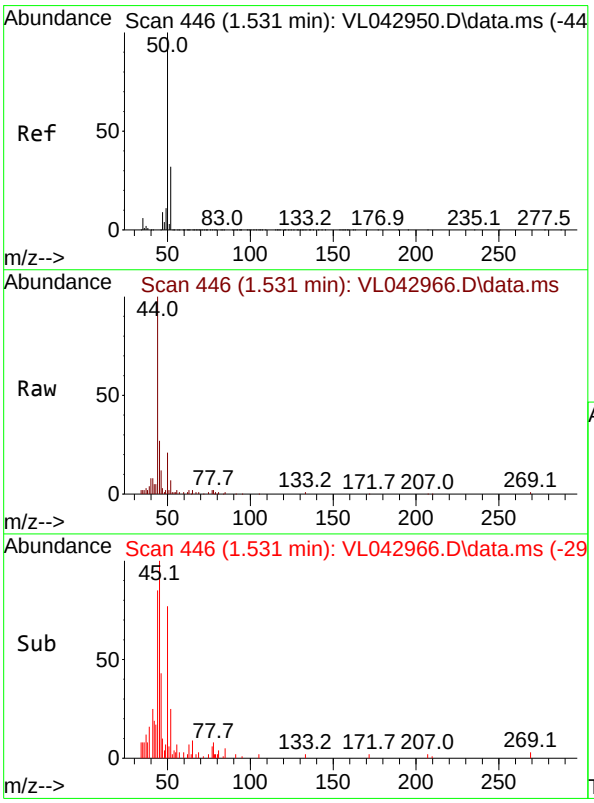
Ion	Ratio	Lower	Upper
51	100		
67	17.7	13.8	20.8



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

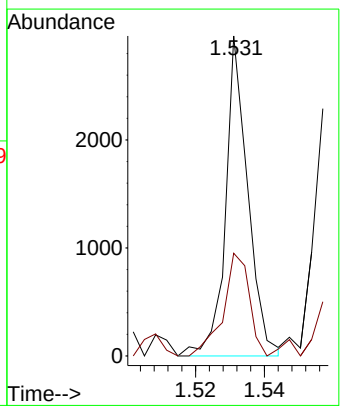
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

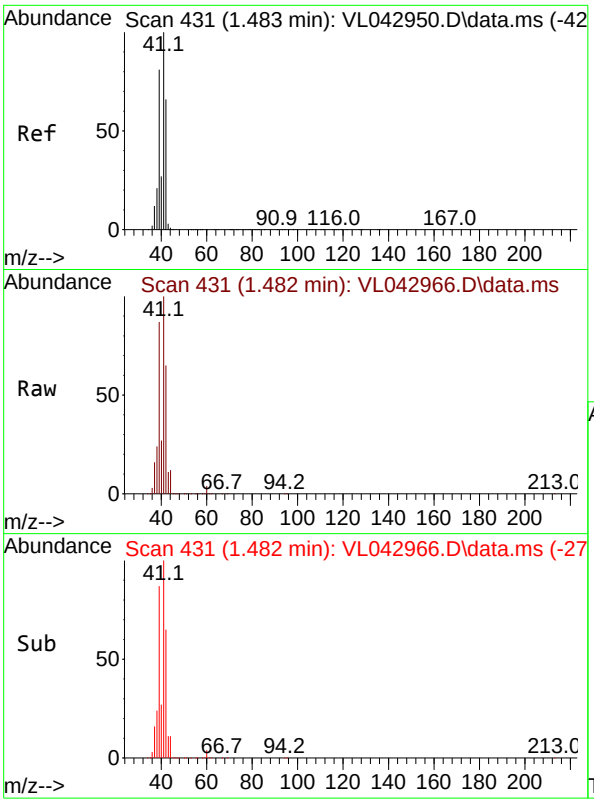


#4
Chloromethane
Concen: 0.138 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 50 Resp: 1334

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.9	38.9





#9
Propene
Concen: 39.107 ppbv
RT: 1.482 min Scan# 4
Delta R.T. -0.000 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

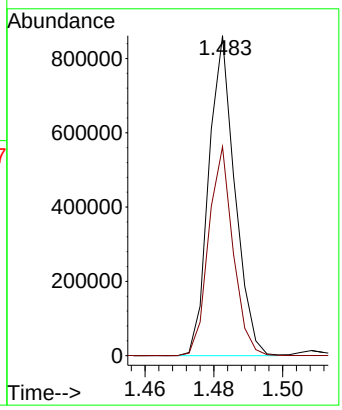
Tgt Ion: 41 Resp: 45238

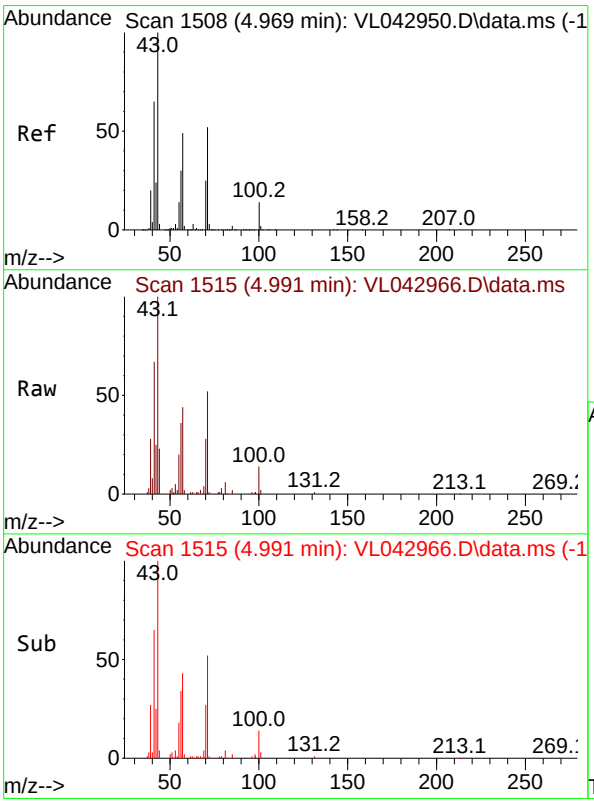
Ion	Ratio	Lower	Upper
41	100		
42	61.6	57.4	86.2

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

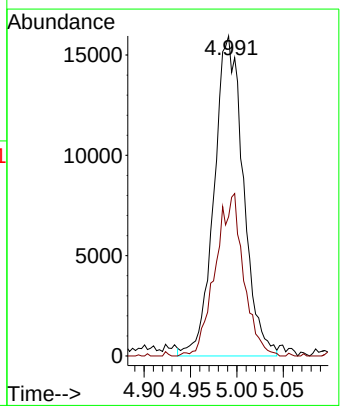


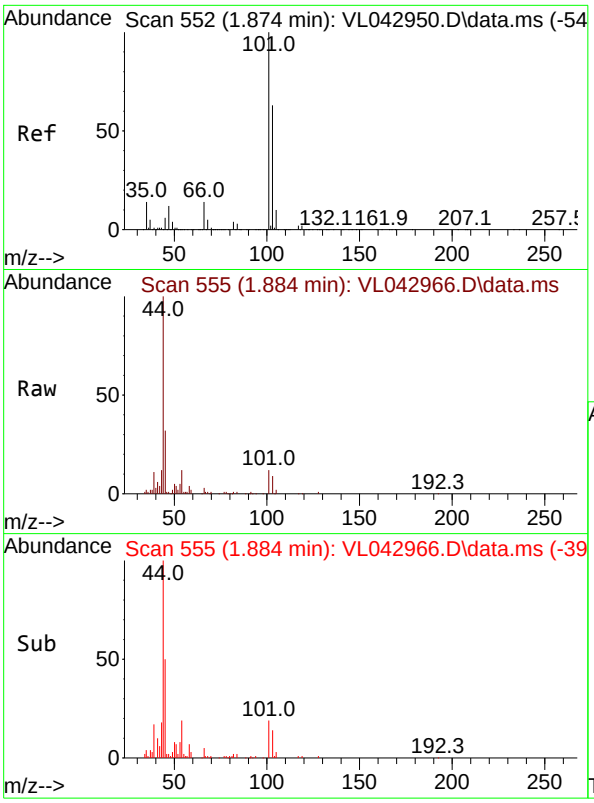


#10
Heptane
Concen: 1.131 ppbv m
RT: 4.991 min Scan# 1515
Delta R.T. 0.022 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 43 Resp: 34930

Ion	Ratio	Lower	Upper
43	100		
57	0.0	38.6	57.8#

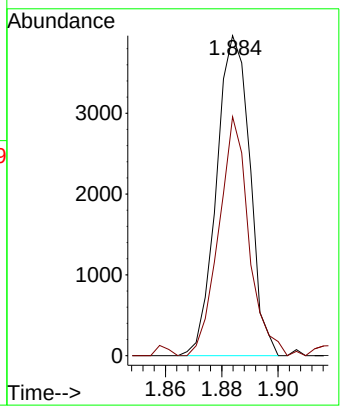




#11
Trichlorofluoromethane
Concen: 0.158 ppbv
RT: 1.884 min Scan# 5
Delta R.T. 0.009 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:101 Resp: 325

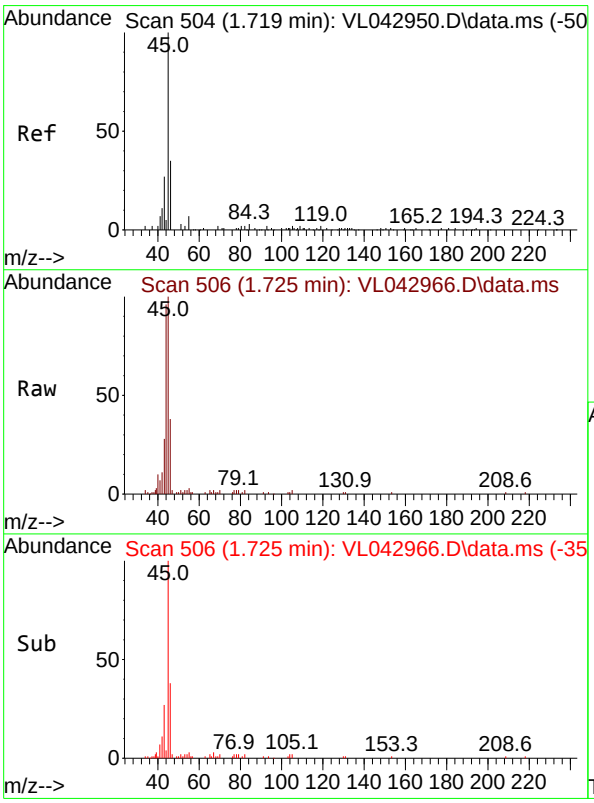
Ion	Ratio	Lower	Upper
101	100		
103	74.6	50.1	75.1



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

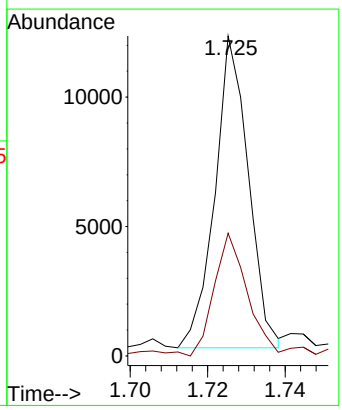
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

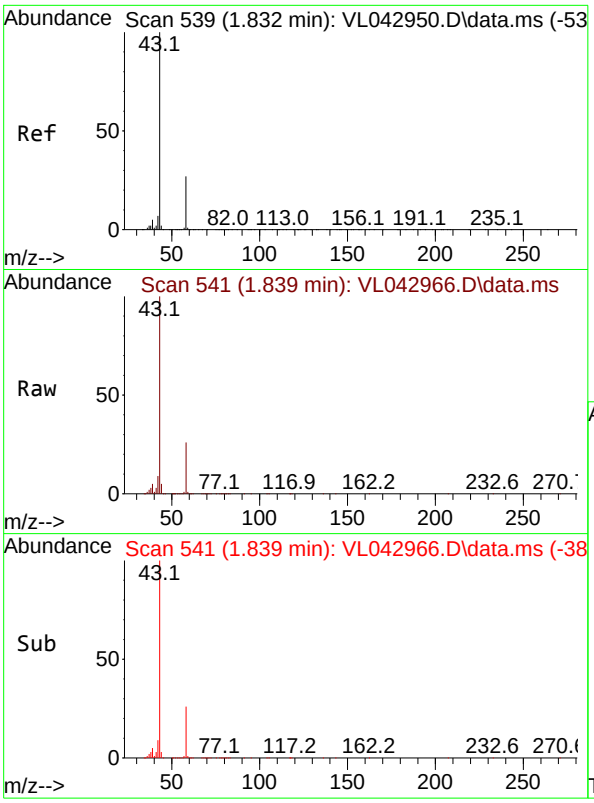


#13
Ethanol
Concen: 6.429 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 45 Resp: 7215

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.6#

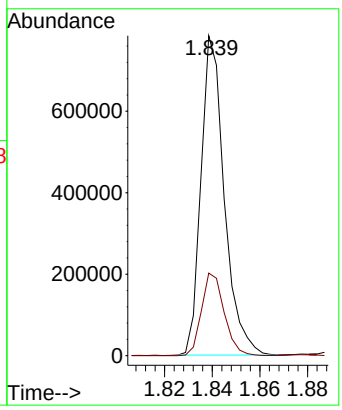




#15
Acetone
Concen: 25.790 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 43 Resp: 53282

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.3	33.5



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
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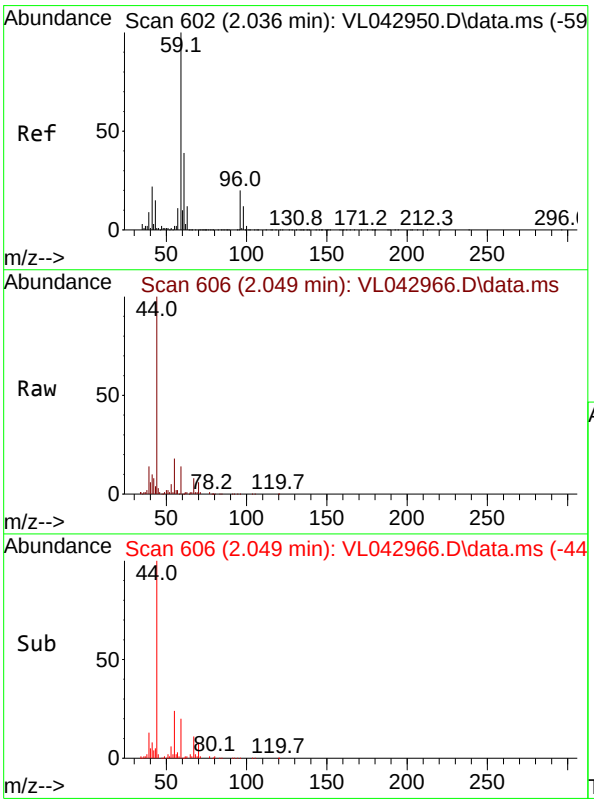
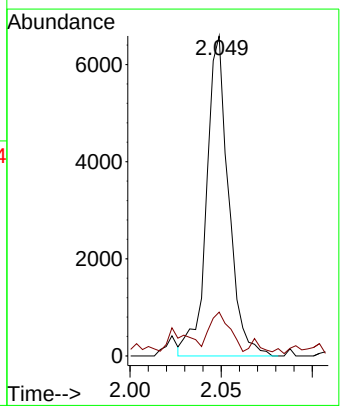
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

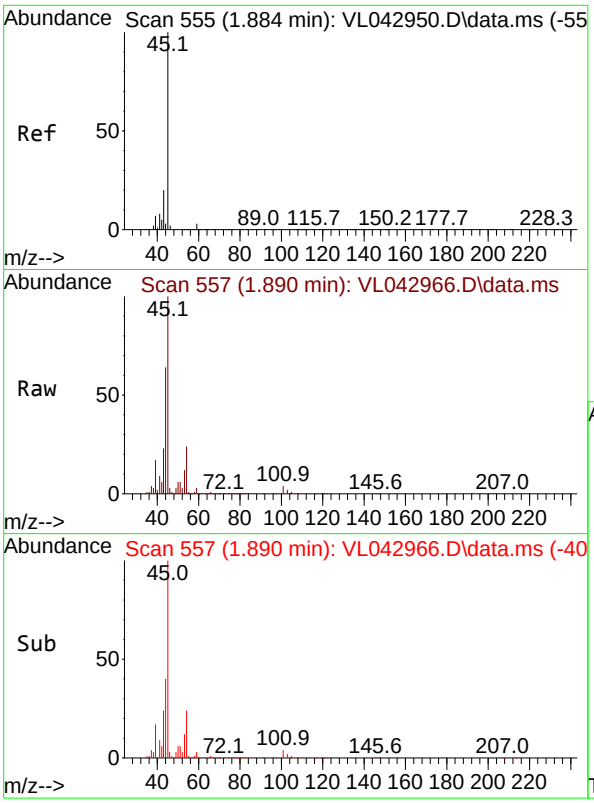


#17
tert-Butyl alcohol
Concen: 0.244 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 59 Resp: 5527

Ion	Ratio	Lower	Upper
59	100		
57	26.7	8.6	12.8#





#19
Isopropyl Alcohol
Concen: 3.277 ppbv
RT: 1.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 45 Resp: 4069

Ion	Ratio	Lower	Upper
45	100		
58	330.6	31.0	46.6#

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

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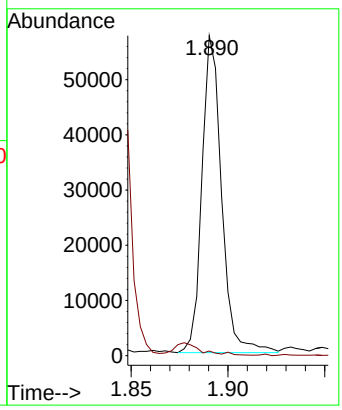
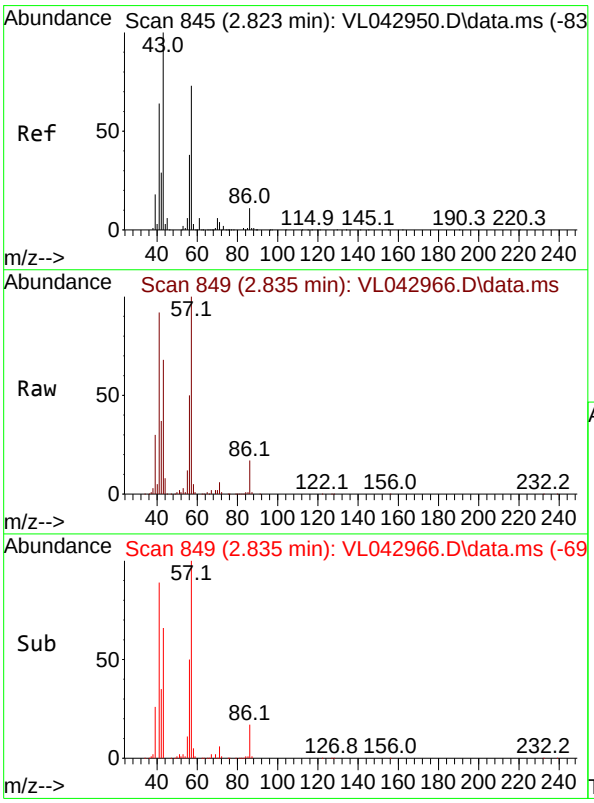
Supervised By :Mahesh Dadoda 09/24/2025

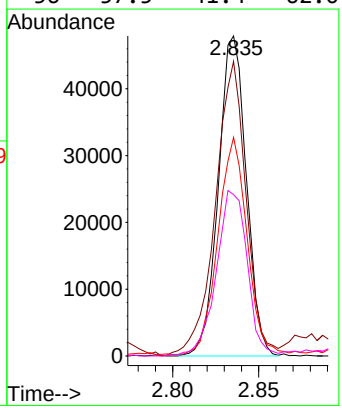


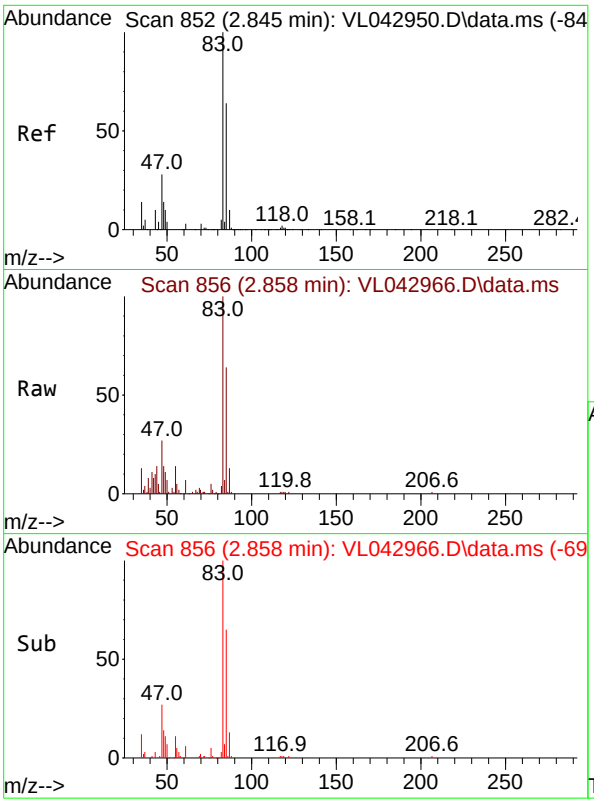


#26
Hexane
Concen: 2.274 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 57 Resp: 54134

Ion	Ratio	Lower	Upper
57	100		
41	98.4	71.7	107.5
43	71.0	180.8	271.2#
56	57.5	41.4	62.0





#29
Chloroform
Concen: 0.471 ppbv
RT: 2.858 min Scan# 8
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 83 Resp: 1465

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.2	76.8

Instrument :
MSVOA_L
ClientSampleId :
SV3

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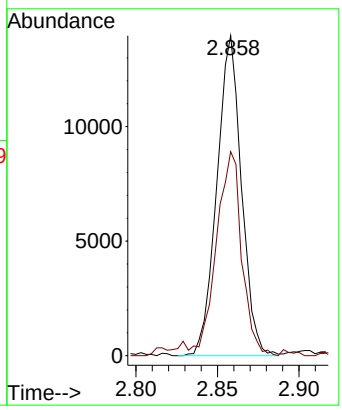
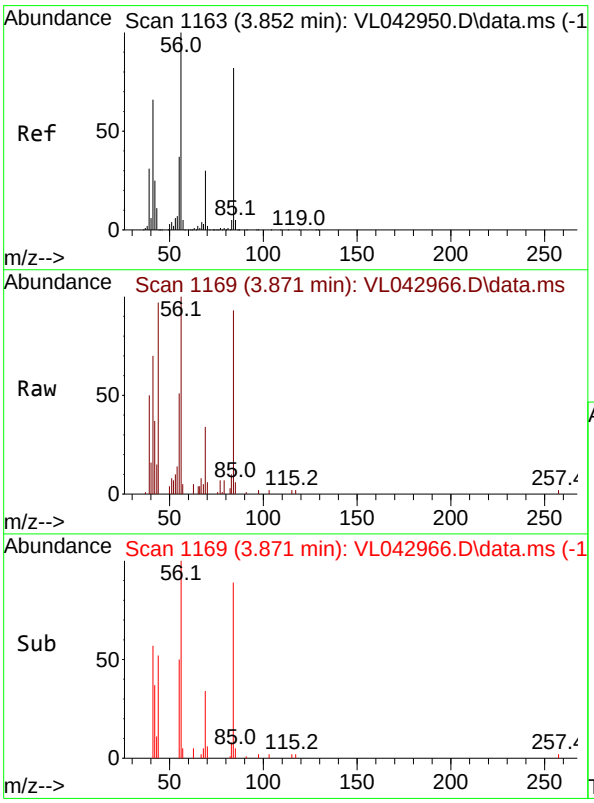
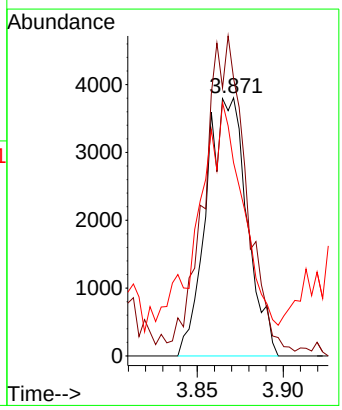


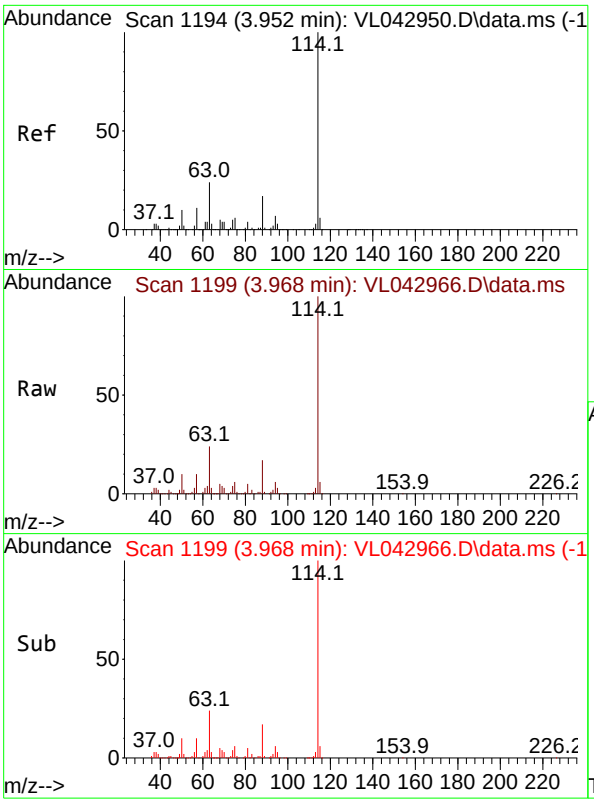


#30
Cyclohexane
Concen: 0.315 ppbv
RT: 3.871 min Scan# 1169
Delta R.T. 0.019 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 84 Resp: 6268

Ion	Ratio	Lower	Upper
84	100		
56	129.3	102.2	153.4
41	102.3	65.6	98.4#

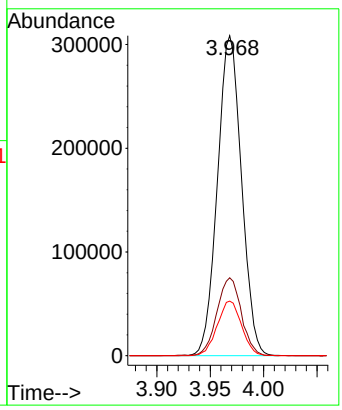




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1
Delta R.T. 0.016 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:114 Resp: 48357

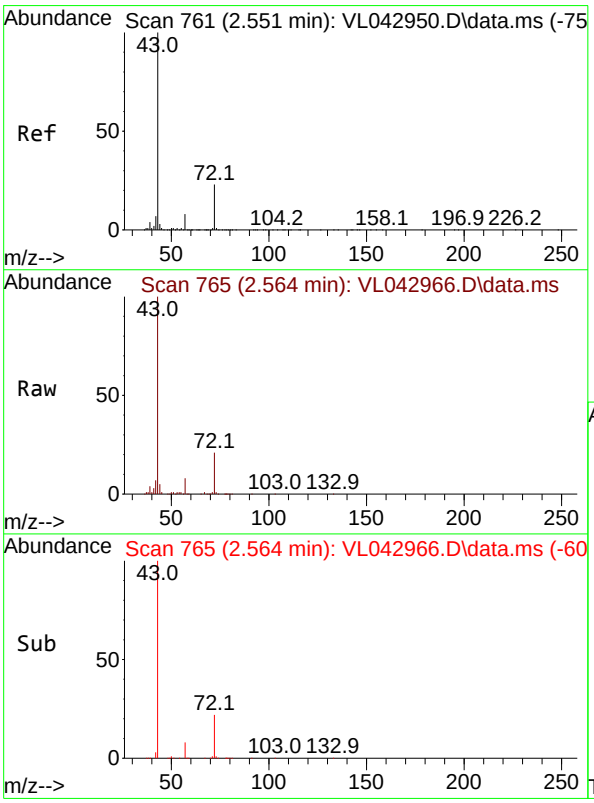
Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.4	29.2
88	17.2	14.2	21.2



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

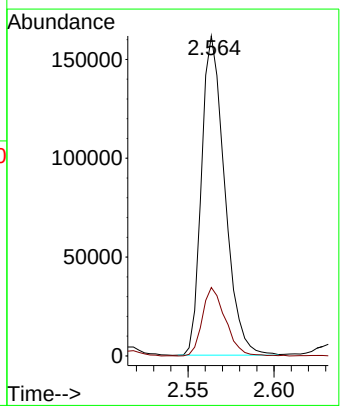
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

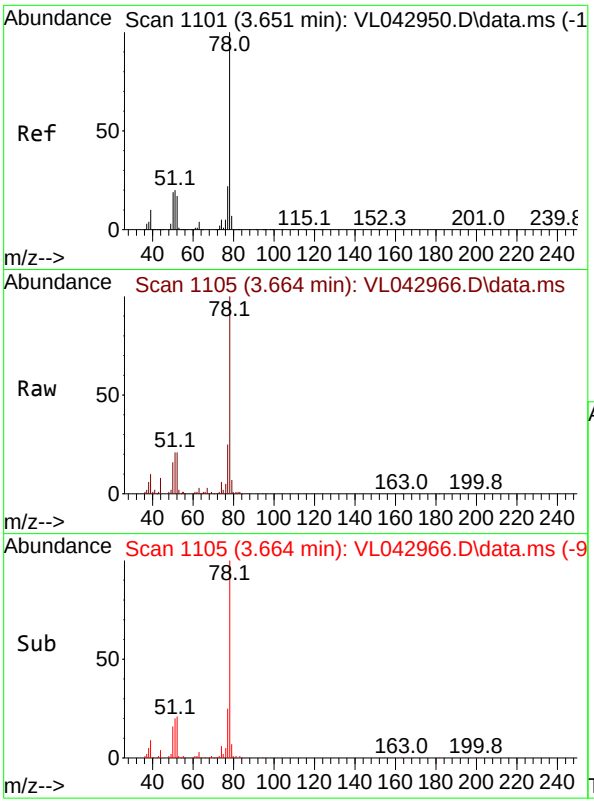


#34
2-Butanone
Concen: 4.485 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 43 Resp: 151989

Ion	Ratio	Lower	Upper
43	100		
72	21.3	17.7	26.5

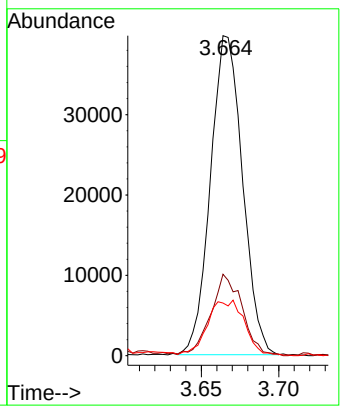




#36
Benzene
Concen: 1.258 ppbv
RT: 3.664 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 78 Resp: 5711

Ion	Ratio	Lower	Upper
78	100		
77	25.0	17.8	26.6
50	16.1	15.0	22.4



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
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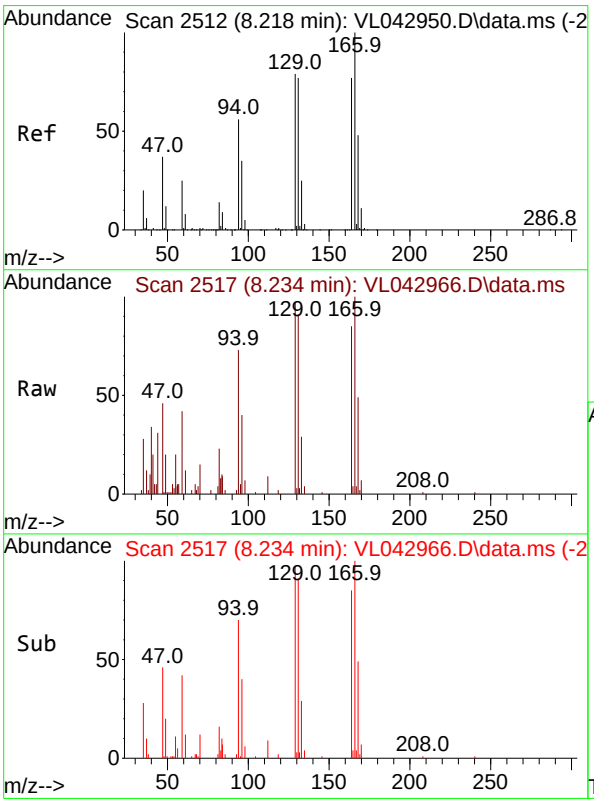
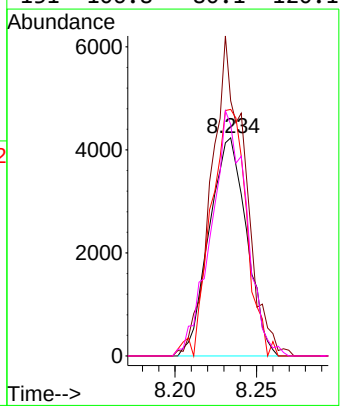
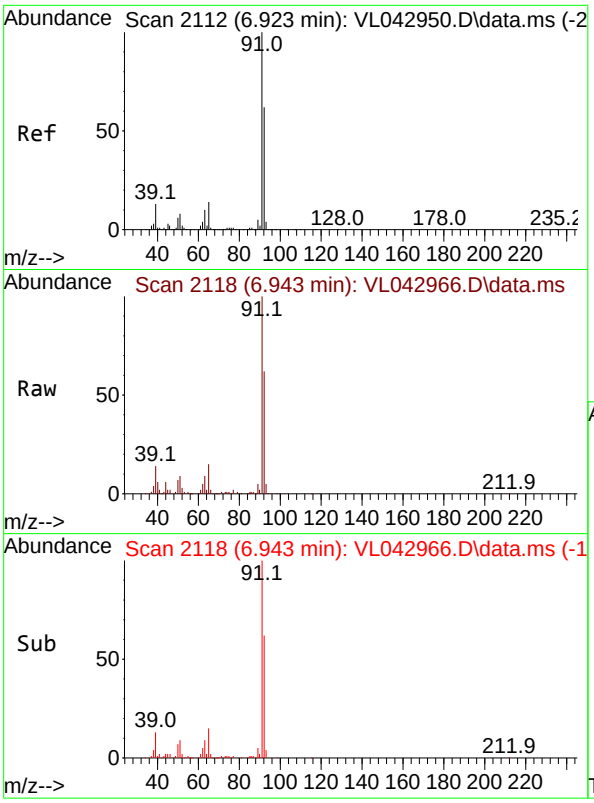


#52
Tetrachloroethene
Concen: 0.385 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.016 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:164 Resp: 6759

Ion	Ratio	Lower	Upper
164	100		
166	114.5	103.5	155.3
129	113.0	82.2	123.4
131	106.8	80.1	120.1





#53
Toluene
Concen: 1.606 ppbv
RT: 6.943 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 8633

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.2	72.2

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
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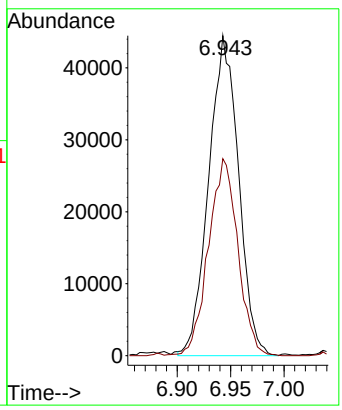
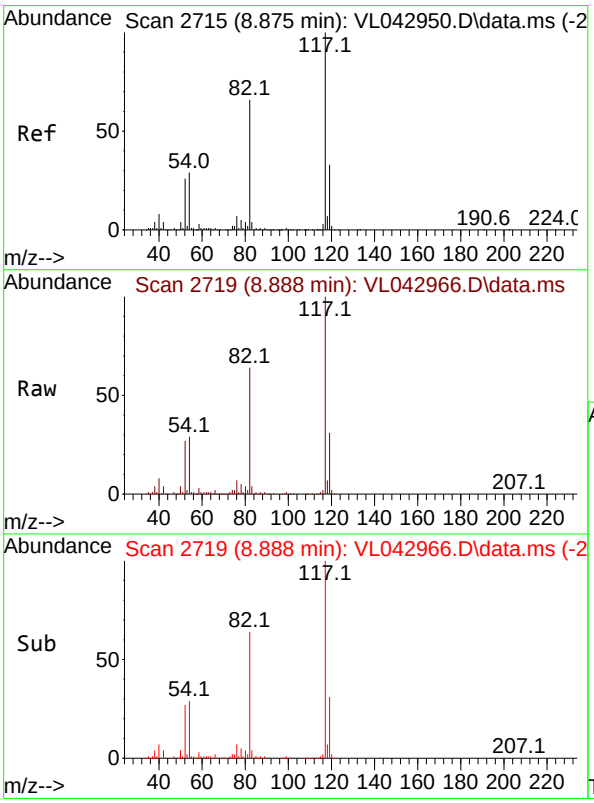
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

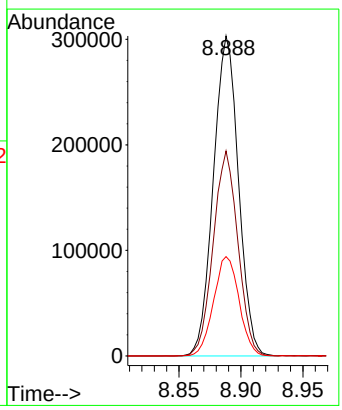


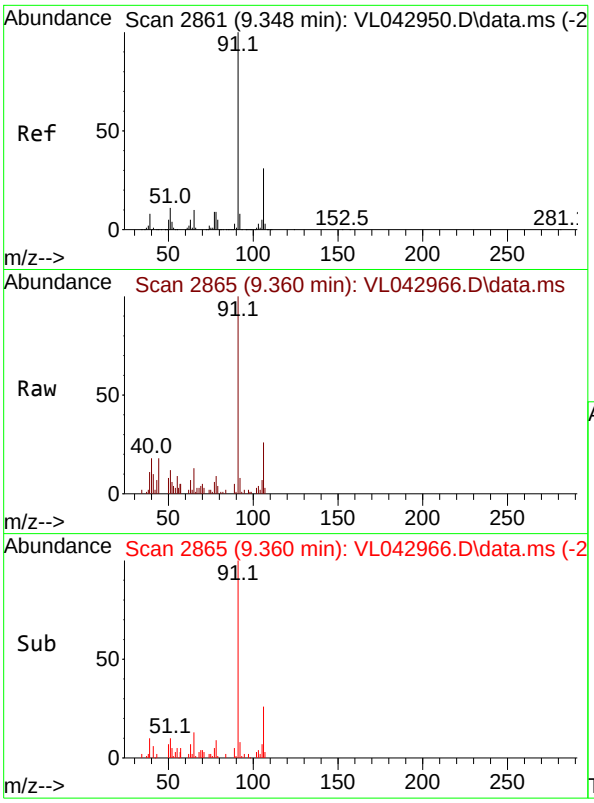


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:117 Resp: 428101

Ion	Ratio	Lower	Upper
117	100		
82	63.1	52.8	79.2
119	31.6	26.5	39.7





#58
Ethyl Benzene
Concen: 0.162 ppbv
RT: 9.360 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 1141

Ion	Ratio	Lower	Upper
91	100		
106	26.3	24.6	37.0

Instrument :
MSVOA_L
ClientSampleId :
SV3

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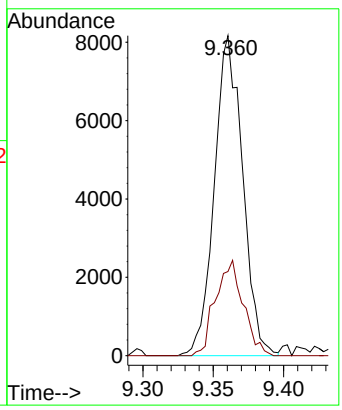
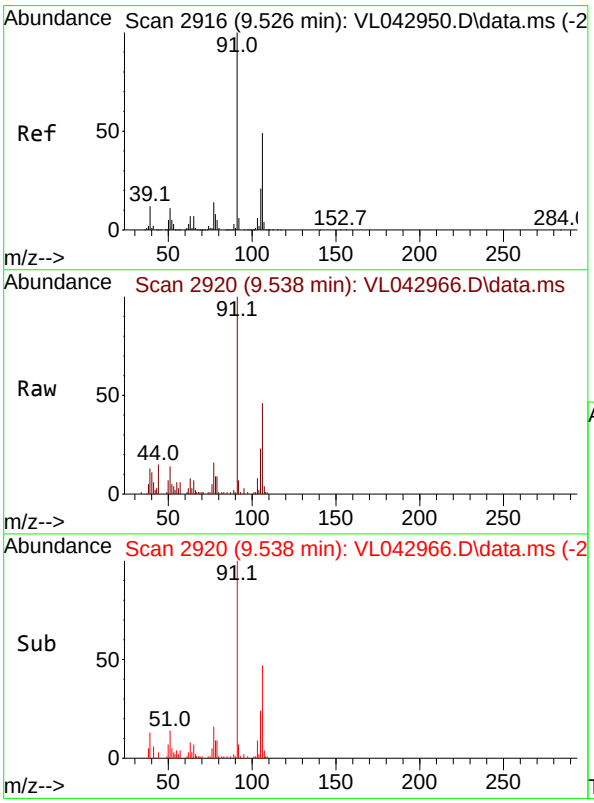
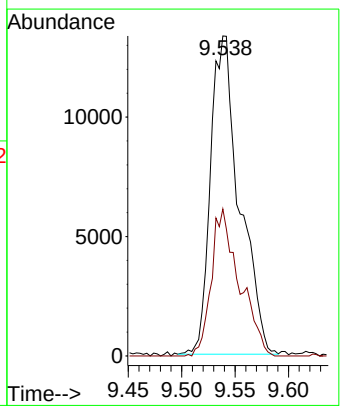


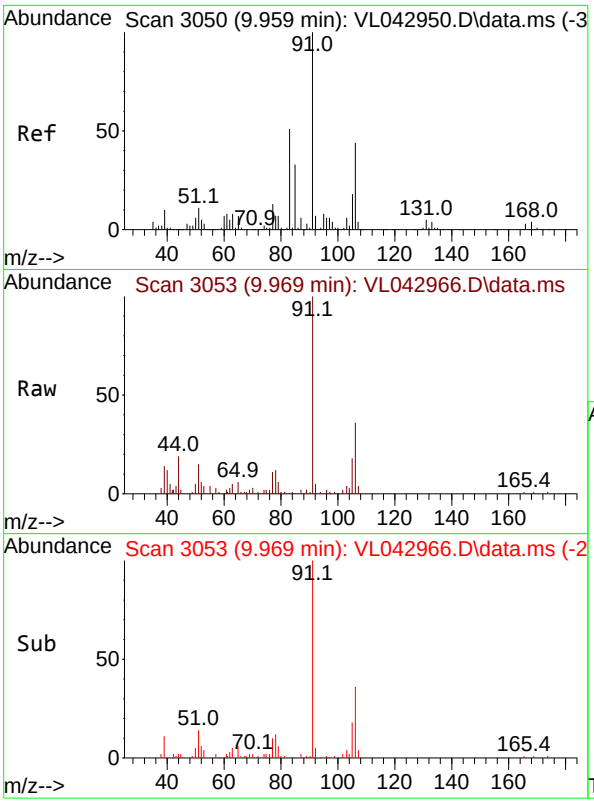


#59
m/p-Xylene
Concen: 0.453 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 25130

Ion	Ratio	Lower	Upper
91	100		
106	44.8	0.0	0.0#

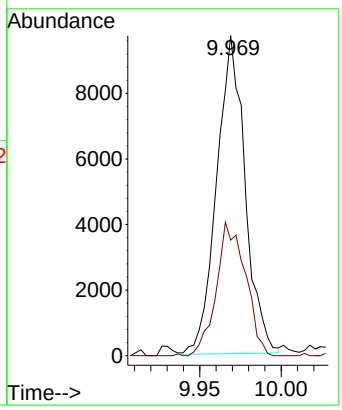




#60
o-Xylene
Concen: 0.212 ppbv
RT: 9.969 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 1175

Ion	Ratio	Lower	Upper
91	100		
106	43.0	22.4	67.0



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
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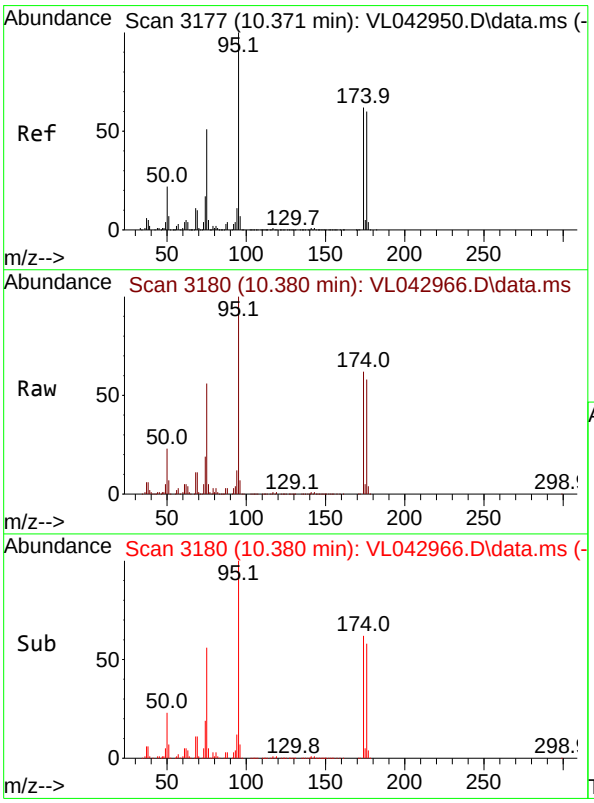
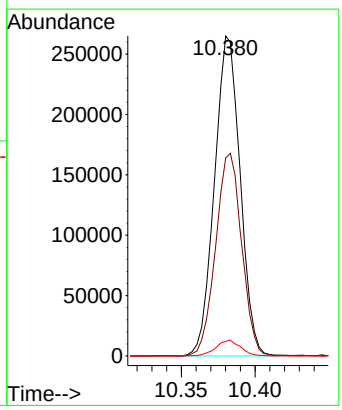
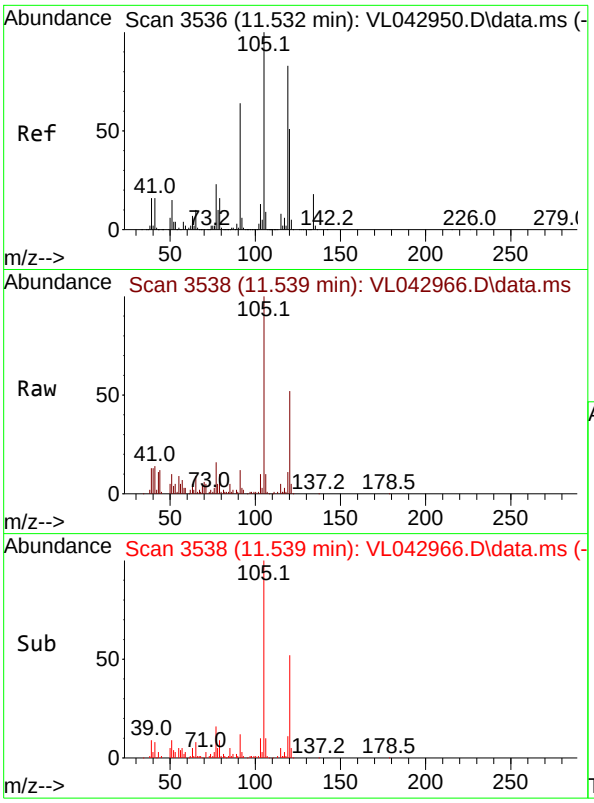


#68
1-Bromo-4-Fluorobenzene
Concen: 10.029 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 95 Resp: 320479

Ion	Ratio	Lower	Upper
95	100		
174	64.2	51.4	77.2
175	4.8	4.0	6.0

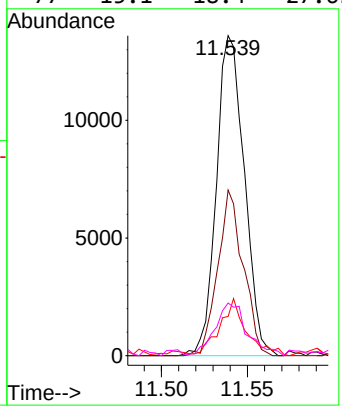




#74
1,2,4-Trimethylbenzene
Concen: 0.247 ppbv
RT: 11.539 min Scan# 3
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:105 Resp: 1537

Ion	Ratio	Lower	Upper
105	100		
120	51.7	40.9	61.3
91	10.9	51.2	76.8#
77	15.1	18.4	27.6#



Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG No.: Q3112

Instrument ID: MSVOA_L Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:39 13:05

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID: RRF010 = VL042950.D RRF002 = VL042951.D RRF001 = VL042952.D
RRF0.5 = VL042953.D RRF0.1 = VL042954.D RRF.03 = VL042955.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.470	0.524	0.567	0.529	0.562	0.729	0.550	15.9
Heptane	1.870	1.961	2.060	2.102			1.946	7.6
1,1-Dichloroethane	0.993	1.109	1.172	1.147			1.083	7.8
Cyclohexane	1.193	1.280	1.333	1.312			1.255	6.2
cis-1,2-Dichloroethene	1.357	1.465	1.464	1.443			1.406	5.3
1,1,1-Trichloroethane	1.902	2.071	2.164	2.017	2.087	2.724	2.119	13.5
2,2,4-Trimethylpentane	1.563	1.690	1.660	1.705			1.622	5.6
Benzene	0.898	0.972	0.970	0.974			0.939	4.8
Trichloroethene	0.426	0.452	0.467	0.481	0.495	0.527	0.467	8.2
Toluene	1.078	1.156	1.137	1.155			1.111	5
Tetrachloroethene	0.325	0.351	0.355	0.356	0.404	0.436	0.363	11.8
Ethyl Benzene	1.570	1.737	1.715	1.657			1.642	5.5
m/p-Xylene	1.225	1.361	1.365	1.332			1.295	6.3
o-Xylene	1.221	1.359	1.379	1.335			1.294	7
1,3,5-Trimethylbenzene	1.263	1.399	1.346	1.333			1.314	5.1
1,2,4-Trimethylbenzene	1.349	1.558	1.522	1.534			1.451	8.3
Naphthalene	1.373	1.474	1.320	1.102	1.093		1.283	12
1-Bromo-4-Fluorobenzene	0.763	0.747	0.743	0.749	0.738	0.736	0.746	1.2
Hexane	1.398	1.553	1.614	1.621			1.501	9.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_L

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL092225AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 23 02:39:16 2025
Response Via : Initial Calibration

Calibration Files
0.03=VL042955.D 0.1 =VL042954.D 0.5 =VL042953.D 1 =VL042952.D 2 =VL042951.D 10 =VL042950.D 15 =VL042956.D

		Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------								
2)	T	Dichlorodifluo...			1.391	1.452	1.401	1.248	1.232	1.345	7.33
3)		Chlorodifluoro...			1.782	1.821	1.710	1.574	1.494	1.676	8.27
4)		Chloromethane			0.693	0.622	0.624	0.560	0.545	0.609	9.66
5)	T	Vinyl Chloride	0.729	0.562	0.529	0.567	0.524	0.470	0.472	0.550	15.95
6)	T	Bromomethane			0.224	0.215	0.200	0.166	0.167	0.194	13.76
7)		Chloroethane			0.234	0.238	0.212	0.196	0.189	0.214	10.33
8)	T	Dichlorotetraf...			1.227	1.239	1.180	1.047	1.047	1.148	8.24
9)	T	Propene			0.784	0.787	0.762	0.684	0.631	0.729	9.47
10)	T	Heptane			2.102	2.060	1.961	1.870	1.738	1.946	7.57
11)	T	Trichlorofluor...			1.354	1.376	1.346	1.199	1.210	1.297	6.58
12)	T	1,1,2-Trichlor...			1.130	1.117	1.068	0.963	0.973	1.050	7.48
13)		Ethanol			0.076	0.090	0.088	0.053	0.047	0.071	27.75
14)	T	Bromoethene			0.430	0.417	0.415	0.362	0.362	0.397	8.23
15)	T	Acetone			1.490	1.552	1.475	0.993	1.002	1.302	21.48
16)	T	1,3-Butadiene			0.751	0.675	0.607	0.520	0.519	0.614	16.41
17)		tert-Butyl alc...			1.587	1.544	1.398	1.351	1.262	1.429	9.47
18)	T	1,1-Dichloroet...			0.549	0.503	0.485	0.446	0.447	0.486	8.86
19)	T	Isopropyl Alcohol			0.898	0.813	0.818	0.718	0.667	0.783	11.61
20)	T	Methylene Chlo...			0.832	0.617	0.510	0.388	0.380	0.545	34.40
21)	T	Allyl Chloride			0.904	0.971	0.966	0.857	0.837	0.907	6.72
22)	T	trans-1,2-Dich...			0.589	0.612	0.556	0.507	0.499	0.552	8.98
23)	T	Vinyl Acetate			2.208	1.897	1.888	1.594	1.716	1.861	12.45
24)	T	1,1-Dichloroet...			1.147	1.172	1.109	0.993	0.996	1.083	7.76
25)	T	Ethyl Acetate			3.405	3.494	3.443	3.153	2.966	3.292	6.83
26)	T	Hexane			1.621	1.614	1.553	1.398	1.317	1.501	9.08
27)	T	Carbon Disulfide			1.395	1.436	1.396	1.271	1.232	1.346	6.59
28)	T	Methyl tert-Bu...			0.953	0.773	0.742	0.638	0.794	0.780	14.61
29)	T	Chloroform			2.078	2.042	2.038	1.848	1.804	1.962	6.42
30)	T	Cyclohexane			1.312	1.333	1.280	1.193	1.154	1.255	6.19
31)	T	cis-1,2-Dichlo...			1.443	1.464	1.465	1.357	1.300	1.406	5.26
32)	T	1,1,1-Trichlor...	2.724	2.087	2.017	2.164	2.071	1.902	1.868	2.119	13.51
33)	I	1,4-Difluorobenzene	----------ISTD----------								
34)	T	2-Butanone			0.744	0.731	0.741	0.655	0.633	0.701	7.52
35)	T	Carbon Tetrach...	0.734	0.616	0.660	0.665	0.657	0.610	0.617	0.651	6.63
36)	T	Benzene			0.974	0.970	0.972	0.898	0.881	0.939	4.84
37)	T	1,2-Dichloroet...			0.502	0.517	0.507	0.470	0.473	0.494	4.28
38)	T	Trichloroethene	0.527	0.495	0.481	0.467	0.452	0.426	0.419	0.467	8.20
39)	T	1,2-Dichloropr...			0.344	0.361	0.356	0.327	0.325	0.343	4.85

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL092225AIR.M

40)	T	1,4-Dioxane			0.173	0.172	0.163	0.148	0.141	0.159	8.95
41)	T	Tetrahydrofuran			0.427	0.407	0.419	0.389	0.372	0.403	5.57
42)	T	Bromodichlorom...			0.689	0.699	0.702	0.681	0.667	0.688	2.07
43)		Methyl Methacr...			0.406	0.396	0.396	0.368	0.355	0.384	5.61
44)	T	2,2,4-Trimethy...			1.705	1.660	1.690	1.563	1.492	1.622	5.64
45)	T	t-1,3-Dichloro...			0.403	0.414	0.421	0.409	0.402	0.410	1.99
46)	T	cis-1,3-Dichlo...			0.522	0.528	0.537	0.523	0.501	0.522	2.55
47)	T	1,1,2-Trichlor...			0.382	0.377	0.371	0.344	0.336	0.362	5.70
48)	T	Dibromochlorom...			0.572	0.586	0.600	0.571	0.568	0.580	2.36
49)	T	Bromoform			0.477	0.507	0.534	0.508	0.495	0.504	4.18
50)	T	4-Methyl-2-Pen...			0.928	0.949	0.988	0.934	0.897	0.939	3.51
51)	T	2-Hexanone			0.719	0.774	0.769	0.751	0.730	0.749	3.19
52)	T	Tetrachloroethene	0.436	0.404	0.356	0.355	0.351	0.325	0.315	0.363	11.76
53)	T	Toluene			1.155	1.137	1.156	1.078	1.031	1.111	4.95
54)	T	1,2-Dibromoethane		0.520	0.520	0.520	0.525	0.490	0.485	0.510	3.47
55)	I	Chlorobenzene-d5	----------ISTD----------								
56)		1,1,1,2-Tetrac...			0.497	0.486	0.505	0.458	0.447	0.479	5.28
57)	T	Chlorobenzene			0.968	0.978	0.944	0.853	0.822	0.913	7.75
58)	T	Ethyl Benzene			1.657	1.715	1.737	1.570	1.531	1.642	5.45
59)	T	m/p-Xylene			1.332	1.365	1.361	1.225	1.190	1.295	6.29
60)	T	o-Xylene			1.335	1.379	1.359	1.221	1.176	1.294	6.96
61)	T	Styrene			0.605	0.619	0.648	0.602	0.585	0.612	3.89
62)		Isopropylbenzene			2.010	2.059	2.028	1.803	1.744	1.929	7.49
63)	T	1,1,2,2-Tetrac...	0.806	0.722	0.688	0.675	0.673	0.610	0.586	0.680	10.66
64)		n-propylbenzene			0.531	0.529	0.523	0.473	0.463	0.504	6.51
65)		tert-Butylbenzene			1.836	1.839	1.842	1.557	1.503	1.715	9.91
66)	T	Benzyl Chloride			0.170	0.173	0.196	0.195	0.165	0.180	8.14
67)		sec-Butylbenzene			2.508	2.559	2.579	2.191	2.115	2.390	9.19
68)	S	1-Bromo-4-Fluo...	0.736	0.738	0.749	0.743	0.747	0.763	0.750	0.746	1.20
69)		p-Isopropyltol...			2.105	2.168	2.179	1.856	1.788	2.019	9.11
70)		n-Butylbenzene			1.929	2.108	2.136	1.881	1.803	1.971	7.36
71)		2-Chlorotoluene			1.543	1.504	1.528	1.373	1.333	1.456	6.61
72)	T	4-Ethyltoluene			1.715	1.686	1.703	1.523	1.476	1.621	6.92
73)	T	1,3,5-Trimethy...			1.333	1.346	1.399	1.263	1.231	1.314	5.12
74)	T	1,2,4-Trimethy...			1.534	1.522	1.558	1.349	1.294	1.451	8.34
75)	T	1,3-Dichlorobe...			0.918	0.954	0.956	0.845	0.827	0.900	6.72
76)	T	1,4-Dichlorobe...			0.922	0.914	0.959	0.845	0.829	0.894	6.12
77)	T	1,2-Dichlorobe...			0.874	0.914	0.918	0.796	0.780	0.856	7.61
78)	T	Hexachloro-1,3...			0.755	0.742	0.728	0.575	0.549	0.670	14.79
79)	T	Naphthalene		1.093	1.102	1.320	1.474	1.373	1.339	1.283	11.96
80)	T	Naphthalene,2-...			0.384	0.365	0.428	0.402	0.404	0.396	5.94
81)	T	1,2,4-Trichlor...			0.557	0.691	0.777	0.718	0.689	0.686	11.73

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	170899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	526679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	486724	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	371195	10.217	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	213351	9.282	ppbv	100
3) Chlorodifluoromethane	1.473	51	269073	9.392	ppbv	100
4) Chloromethane	1.531	50	95679	9.196	ppbv	100
5) Vinyl Chloride	1.577	62	80350	8.543	ppbv	100
6) Bromomethane	1.667	94	28301	8.530	ppbv	100
7) Chloroethane	1.703	64	33446	9.158	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	178992	9.122	ppbv	100
9) Propene	1.483	41	116849	9.376	ppbv	100
10) Heptane	4.969	43	319577	9.560	ppbv	100
11) Trichlorofluoromethane	1.874	101	204850	9.243	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	164598	9.171	ppbv	100
13) Ethanol	1.719	45	9094	7.613	ppbv	100
14) Bromoethene	1.780	108	61824	9.111	ppbv	100
15) Acetone	1.832	43	169676	7.623	ppbv	100
16) 1,3-Butadiene	1.606	39	88812	8.459	ppbv	100
17) tert-Butyl alcohol	2.036	59	230853	9.456	ppbv	100
18) 1,1-Dichloroethene	2.030	96	76184	9.170	ppbv	100
19) Isopropyl Alcohol	1.884	45	122753	9.174	ppbv	100
20) Methylene Chloride	2.059	84	66314	9.992	ppbv	100
21) Allyl Chloride	2.094	41	146473	9.449	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	86580	9.172	ppbv	100
23) Vinyl Acetate	2.460	43	272378	8.566	ppbv	100
24) 1,1-Dichloroethane	2.405	63	169721	9.168	ppbv	100
25) Ethyl Acetate	2.829	43	538761	9.577	ppbv	100
26) Hexane	2.823	57	238896	9.316	ppbv	100
27) Carbon Disulfide	2.146	76	217259	9.446	ppbv	100
28) Methyl tert-Butyl Ether	2.434	73	108987	8.176	ppbv	100
29) Chloroform	2.845	83	315779	9.418	ppbv	100
30) Cyclohexane	3.852	84	203803	9.506	ppbv	100
31) cis-1,2-Dichloroethene	2.716	61	231907	9.654	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	325118	8.947	ppbv	100
34) 2-Butanone	2.551	43	344874	9.343	ppbv	100
35) Carbon Tetrachloride	3.755	117	321267	9.480	ppbv	100
36) Benzene	3.651	78	472855	9.561	ppbv	100
37) 1,2-Dichloroethane	3.214	62	247754	9.525	ppbv	100
38) Trichloroethene	4.541	130	224516	9.134	ppbv	100
39) 1,2-Dichloropropane	4.305	63	172059	9.523	ppbv	100
40) 1,4-Dioxane	4.570	88	77889	9.283	ppbv #	100
41) Tetrahydrofuran	3.046	42	204724	9.649	ppbv	100
42) Bromodichloromethane	4.480	83	358858	9.903	ppbv	100
43) Methyl Methacrylate	4.871	69	193676	9.646	ppbv	100
44) 2,2,4-Trimethylpentane	4.632	57	823031	9.631	ppbv	100
45) t-1,3-Dichloropropene	6.406	75	215233	9.969	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.590	75	275210	10.006	ppbv		100
47)	1,1,2-Trichloroethane	6.571	97	181329	9.498	ppbv		100
48)	Dibromochloromethane	7.383	129	300497	9.845	ppbv		100
49)	Bromoform	9.480	173	267814	10.087	ppbv		100
50)	4-Methyl-2-Pentanone	5.736	43	492068	9.920	ppbv		100
51)	2-Hexanone	7.428	43	395744	10.036	ppbv	#	100
52)	Tetrachloroethene	8.218	164	171294	8.951	ppbv		100
53)	Toluene	6.923	91	567779	9.699	ppbv		100
54)	1,2-Dibromoethane	7.645	107	257904	9.605	ppbv		100
56)	1,1,1,2-Tetrachloroethane	8.921	131	223066	9.575	ppbv		100
57)	Chlorobenzene	8.917	112	415238	9.345	ppbv		100
58)	Ethyl Benzene	9.348	91	764249	9.562	ppbv		100
59)	m/p-Xylene	9.526	91	1192566m	18.913	ppbv		
60)	o-Xylene	9.959	91	594329	9.437	ppbv		100
61)	Styrene	9.866	104	293111	9.840	ppbv		100
62)	Isopropylbenzene	10.536	105	877401	9.347	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.956	83	296678	8.963	ppbv		100
64)	n-propylbenzene	10.985	120	230432	9.394	ppbv		100
65)	tert-Butylbenzene	11.526	119	757958	9.078	ppbv		100
66)	Benzyl Chloride	11.610	91	94982	10.842	ppbv		100
67)	sec-Butylbenzene	11.762	105	1066409	9.166	ppbv		100
69)	p-Isopropyltoluene	11.921	119	903376	9.192	ppbv		100
70)	n-Butylbenzene	12.277	91	915624	9.543	ppbv		100
71)	2-Chlorotoluene	10.895	91	668239	9.428	ppbv		100
72)	4-Ethyltoluene	11.121	105	741298	9.398	ppbv		100
73)	1,3,5-Trimethylbenzene	11.199	105	614632	9.608	ppbv		100
74)	1,2,4-Trimethylbenzene	11.532	105	656535	9.294	ppbv		100
75)	1,3-Dichlorobenzene	11.604	146	411473	9.392	ppbv		100
76)	1,4-Dichlorobenzene	11.668	146	411464	9.456	ppbv		100
77)	1,2-Dichlorobenzene	11.944	146	387219	9.289	ppbv		100
78)	Hexachloro-1,3-Butadiene	13.876	225	280080	8.591	ppbv		100
79)	Naphthalene	13.510	128	668171	10.696	ppbv		100
80)	Naphthalene,2-methyl-	14.452	142	195695	10.142	ppbv		100
81)	1,2,4-Trichlorobenzene	13.436	180	349393	10.461	ppbv		100

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

Quantitation Report (QT Reviewed)

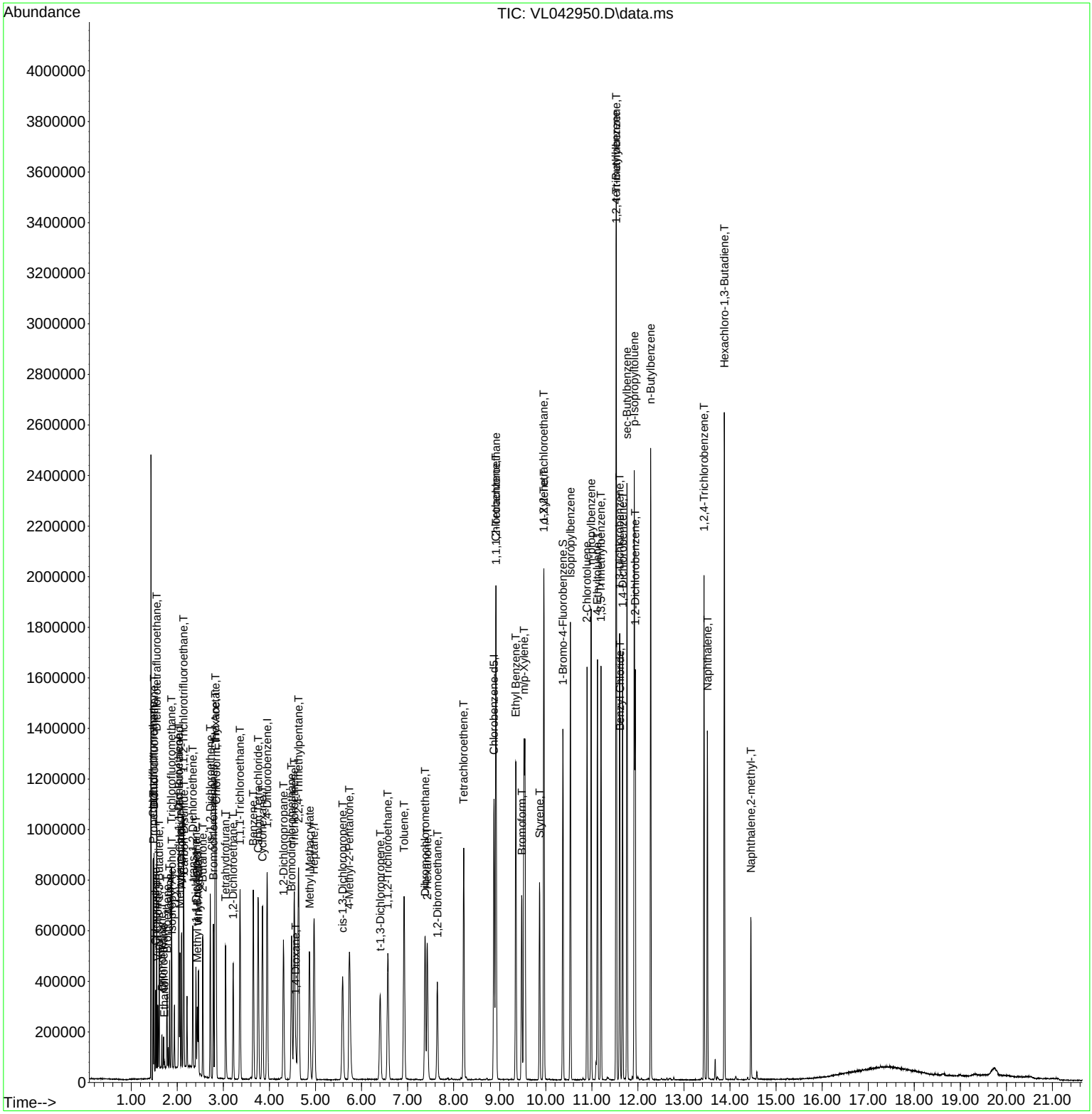
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	170758	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	524389	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	483821	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	361586	10.012	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	47851	2.083	ppbv		97
3) Chlorodifluoromethane	1.476	51	58395	2.040	ppbv		95
4) Chloromethane	1.534	50	21326	2.051	ppbv		99
5) Vinyl Chloride	1.580	62	17892	1.904	ppbv		98
6) Bromomethane	1.667	94	6816	2.056	ppbv		96
7) Chloroethane	1.706	64	7250	1.987	ppbv	#	85
8) Dichlorotetrafluoroethane	1.554	85	40306	2.056	ppbv		98
9) Propene	1.483	41	26007	2.088	ppbv		99
10) Heptane	4.978	43	66978	2.005	ppbv		99
11) Trichlorofluoromethane	1.877	101	45973	2.076	ppbv		94
12) 1,1,2-Trichlorotrifluo...	2.140	101	36490	2.035	ppbv		98
13) Ethanol	1.722	45	2989	2.504	ppbv		93
14) Bromoethene	1.784	108	14189	2.093	ppbv	#	96
15) Acetone	1.835	43	50357	2.264	ppbv		99
16) 1,3-Butadiene	1.609	39	20729	1.976	ppbv		94
17) tert-Butyl alcohol	2.042	59	47749	1.957	ppbv	#	93
18) 1,1-Dichloroethene	2.036	96	16572	1.996	ppbv		95
19) Isopropyl Alcohol	1.887	45	27930	2.089	ppbv	#	79
20) Methylene Chloride	2.062	84	17413	2.097	ppbv	#	84
21) Allyl Chloride	2.098	41	32985	2.130	ppbv		99
22) trans-1,2-Dichloroethene	2.340	96	18991	2.013	ppbv		98
23) Vinyl Acetate	2.463	43	64479	2.029	ppbv	#	98
24) 1,1-Dichloroethane	2.408	63	37865	2.047	ppbv		99
25) Ethyl Acetate	2.835	43	117567	2.092	ppbv		99
26) Hexane	2.826	57	53034	2.070	ppbv		98
27) Carbon Disulfide	2.153	76	47660	2.074	ppbv	#	60
28) Methyl tert-Butyl Ether	2.441	73	25348	1.903	ppbv		92
29) Chloroform	2.848	83	69599	2.077	ppbv		96
30) Cyclohexane	3.855	84	43725	2.041	ppbv		99
31) cis-1,2-Dichloroethene	2.719	61	50019	2.084	ppbv		95
32) 1,1,1-Trichloroethane	3.366	97	70729	1.948	ppbv		97
34) 2-Butanone	2.557	43	77689	2.114	ppbv		98
35) Carbon Tetrachloride	3.761	117	68858	2.041	ppbv		95
36) Benzene	3.658	78	101901	2.069	ppbv		97
37) 1,2-Dichloroethane	3.217	62	53130	2.052	ppbv		98
38) Trichloroethene	4.548	130	47424	1.938	ppbv		94
39) 1,2-Dichloropropane	4.308	63	37381m	2.078	ppbv		
40) 1,4-Dioxane	4.586	88	17074m	2.044	ppbv		
41) Tetrahydrofuran	3.056	42	43962	2.081	ppbv		98
42) Bromodichloromethane	4.486	83	73675	2.042	ppbv		98
43) Methyl Methacrylate	4.881	69	41527	2.077	ppbv		99
44) 2,2,4-Trimethylpentane	4.638	57	177242	2.083	ppbv		99
45) t-1,3-Dichloropropene	6.415	75	44171	2.055	ppbv		91

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	5.596	75	56335	2.057	ppbv	97
47)	1,1,2-Trichloroethane	6.577	97	38961m	2.050	ppbv	
48)	Dibromochloromethane	7.383	129	62968	2.072	ppbv	98
49)	Bromoform	9.480	173	56021	2.119	ppbv	99
50)	4-Methyl-2-Pentanone	5.755	43	103605m	2.098	ppbv	
51)	2-Hexanone	7.438	43	80620	2.053	ppbv	99
52)	Tetrachloroethene	8.224	164	36853	1.934	ppbv	94
53)	Toluene	6.933	91	121268	2.081	ppbv	100
54)	1,2-Dibromoethane	7.652	107	55022	2.058	ppbv	94
56)	1,1,1,2-Tetrachloroethane	8.920	131	48901	2.112	ppbv	98
57)	Chlorobenzene	8.924	112	91325	2.068	ppbv	94
58)	Ethyl Benzene	9.354	91	168063	2.115	ppbv	99
59)	m/p-Xylene	9.532	91	263362m	4.202	ppbv	
60)	o-Xylene	9.963	91	131507	2.101	ppbv	98
61)	Styrene	9.869	104	62748	2.119	ppbv	98
62)	Isopropylbenzene	10.539	105	196198	2.103	ppbv	100
63)	1,1,2,2-Tetrachloroethane	9.963	83	65089	1.978	ppbv	98
64)	n-propylbenzene	10.985	120	50569	2.074	ppbv	93
65)	tert-Butylbenzene	11.529	119	178218	2.147	ppbv	98
66)	Benzyl Chloride	11.613	91	18992	2.181	ppbv	98
67)	sec-Butylbenzene	11.765	105	249510	2.158	ppbv	100
69)	p-Isopropyltoluene	11.924	119	210808	2.158	ppbv	97
70)	n-Butylbenzene	12.280	91	206691	2.167	ppbv	100
71)	2-Chlorotoluene	10.898	91	147901	2.099	ppbv	100
72)	4-Ethyltoluene	11.124	105	164770	2.102	ppbv	99
73)	1,3,5-Trimethylbenzene	11.202	105	135344	2.128	ppbv	100
74)	1,2,4-Trimethylbenzene	11.536	105	150772	2.147	ppbv	98
75)	1,3-Dichlorobenzene	11.607	146	92487	2.124	ppbv	98
76)	1,4-Dichlorobenzene	11.671	146	92794	2.145	ppbv	99
77)	1,2-Dichlorobenzene	11.947	146	88825	2.144	ppbv	100
78)	Hexachloro-1,3-Butadiene	13.879	225	70481	2.175	ppbv	99
79)	Naphthalene	13.510	128	142653	2.297	ppbv	98
80)	Naphthalene,2-methyl-	14.458	142	41369	2.157	ppbv	98
81)	1,2,4-Trichlorobenzene	13.439	180	75139	2.263	ppbv	99

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

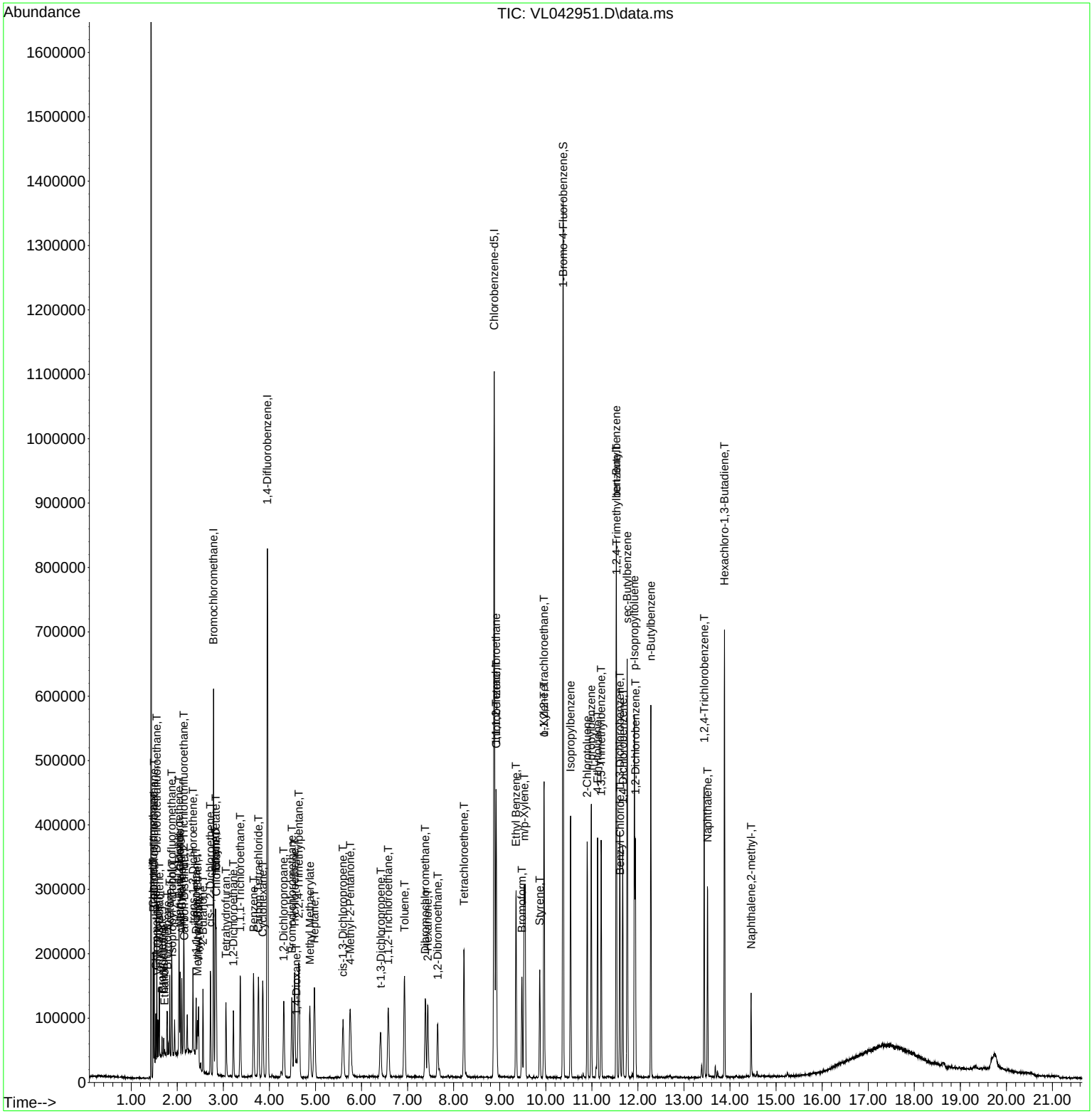
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	162797	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	511767	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	469265	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	348878	9.960	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	23644	1.080	ppbv	97
3) Chlorodifluoromethane	1.476	51	29646	1.086	ppbv	99
4) Chloromethane	1.531	50	10120	1.021	ppbv	97
5) Vinyl Chloride	1.580	62	9228	1.030	ppbv	99
6) Bromomethane	1.667	94	3493	1.105	ppbv	96
7) Chloroethane	1.703	64	3872	1.113	ppbv #	81
8) Dichlorotetrafluoroethane	1.554	85	20172	1.079	ppbv	97
9) Propene	1.482	41	12808	1.079	ppbv	92
10) Heptane	4.972	43	33540m	1.053	ppbv	
11) Trichlorofluoromethane	1.874	101	22397	1.061	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	18180	1.063	ppbv	99
13) Ethanol	1.719	45	1463	1.286	ppbv #	33
14) Bromoethene	1.780	108	6783	1.049	ppbv #	87
15) Acetone	1.832	43	25273	1.192	ppbv	99
16) 1,3-Butadiene	1.609	39	10993	1.099	ppbv	88
17) tert-Butyl alcohol	2.039	59	25141	1.081	ppbv #	88
18) 1,1-Dichloroethene	2.033	96	8192	1.035	ppbv	96
19) Isopropyl Alcohol	1.884	45	13241	1.039	ppbv #	41
20) Methylene Chloride	2.059	84	10045	0.985	ppbv	97
21) Allyl Chloride	2.094	41	15801	1.070	ppbv	95
22) trans-1,2-Dichloroethene	2.337	96	9960	1.108	ppbv	96
23) Vinyl Acetate	2.457	43	30884	1.020	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	19077	1.082	ppbv	99
25) Ethyl Acetate	2.832	43	56877	1.061	ppbv	97
26) Hexane	2.822	57	26276	1.076	ppbv	96
27) Carbon Disulfide	2.149	76	23373	1.067	ppbv #	32
28) Methyl tert-Butyl Ether	2.441	73	12580	0.991	ppbv #	86
29) Chloroform	2.842	83	33240	1.041	ppbv	99
30) Cyclohexane	3.855	84	21707	1.063	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	23828	1.041	ppbv	96
32) 1,1,1-Trichloroethane	3.360	97	35233	1.018	ppbv	97
34) 2-Butanone	2.554	43	37431	1.044	ppbv	97
35) Carbon Tetrachloride	3.758	117	34016	1.033	ppbv	96
36) Benzene	3.651	78	49652	1.033	ppbv	100
37) 1,2-Dichloroethane	3.214	62	26482	1.048	ppbv	98
38) Trichloroethene	4.538	130	23906	1.001	ppbv	98
39) 1,2-Dichloropropane	4.311	63	18493m	1.053	ppbv	
40) 1,4-Dioxane	4.583	88	8804m	1.080	ppbv	
41) Tetrahydrofuran	3.055	42	20845	1.011	ppbv	98
42) Bromodichloromethane	4.480	83	35768m	1.016	ppbv	
43) Methyl Methacrylate	4.871	69	20289	1.040	ppbv	98
44) 2,2,4-Trimethylpentane	4.635	57	84970	1.023	ppbv	96
45) t-1,3-Dichloropropene	6.402	75	21210m	1.011	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.587	75	27025m	1.011	ppbv		
47)	1,1,2-Trichloroethane	6.574	97	19311	1.041	ppbv		96
48)	Dibromochloromethane	7.383	129	30015	1.012	ppbv		99
49)	Bromoform	9.477	173	25929	1.005	ppbv		98
50)	4-Methyl-2-Pentanone	5.748	43	48546	1.007	ppbv		98
51)	2-Hexanone	7.431	43	39627	1.034	ppbv	#	99
52)	Tetrachloroethene	8.218	164	18188	0.978	ppbv		97
53)	Toluene	6.926	91	58200	1.023	ppbv		100
54)	1,2-Dibromoethane	7.645	107	26608	1.020	ppbv		94
56)	1,1,1,2-Tetrachloroethane	8.920	131	22802	1.015	ppbv		94
57)	Chlorobenzene	8.914	112	45873	1.071	ppbv		98
58)	Ethyl Benzene	9.351	91	80473	1.044	ppbv		97
59)	m/p-Xylene	9.529	91	128139m	2.108	ppbv		
60)	o-Xylene	9.959	91	64703	1.066	ppbv		99
61)	Styrene	9.869	104	29061	1.012	ppbv		98
62)	Isopropylbenzene	10.535	105	96621	1.068	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.959	83	31695	0.993	ppbv		96
64)	n-propylbenzene	10.985	120	24820	1.049	ppbv		98
65)	tert-Butylbenzene	11.526	119	86303	1.072	ppbv		99
66)	Benzyl Chloride	11.610	91	8140	0.964	ppbv		100
67)	sec-Butylbenzene	11.762	105	120070	1.070	ppbv		100
69)	p-Isopropyltoluene	11.921	119	101749	1.074	ppbv		99
70)	n-Butylbenzene	12.277	91	98908	1.069	ppbv		99
71)	2-Chlorotoluene	10.895	91	70577	1.033	ppbv		98
72)	4-Ethyltoluene	11.121	105	79095	1.040	ppbv		99
73)	1,3,5-Trimethylbenzene	11.199	105	63174	1.024	ppbv		98
74)	1,2,4-Trimethylbenzene	11.532	105	71411	1.049	ppbv		95
75)	1,3-Dichlorobenzene	11.603	146	44769	1.060	ppbv		99
76)	1,4-Dichlorobenzene	11.668	146	42879	1.022	ppbv		97
77)	1,2-Dichlorobenzene	11.940	146	42911	1.068	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.879	225	34798	1.107	ppbv		99
79)	Naphthalene	13.510	128	61925	1.028	ppbv		98
80)	Naphthalene,2-methyl-	14.455	142	17116	0.920	ppbv		97
81)	1,2,4-Trichlorobenzene	13.435	180	32411	1.007	ppbv		97

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

Quantitation Report (QT Reviewed)

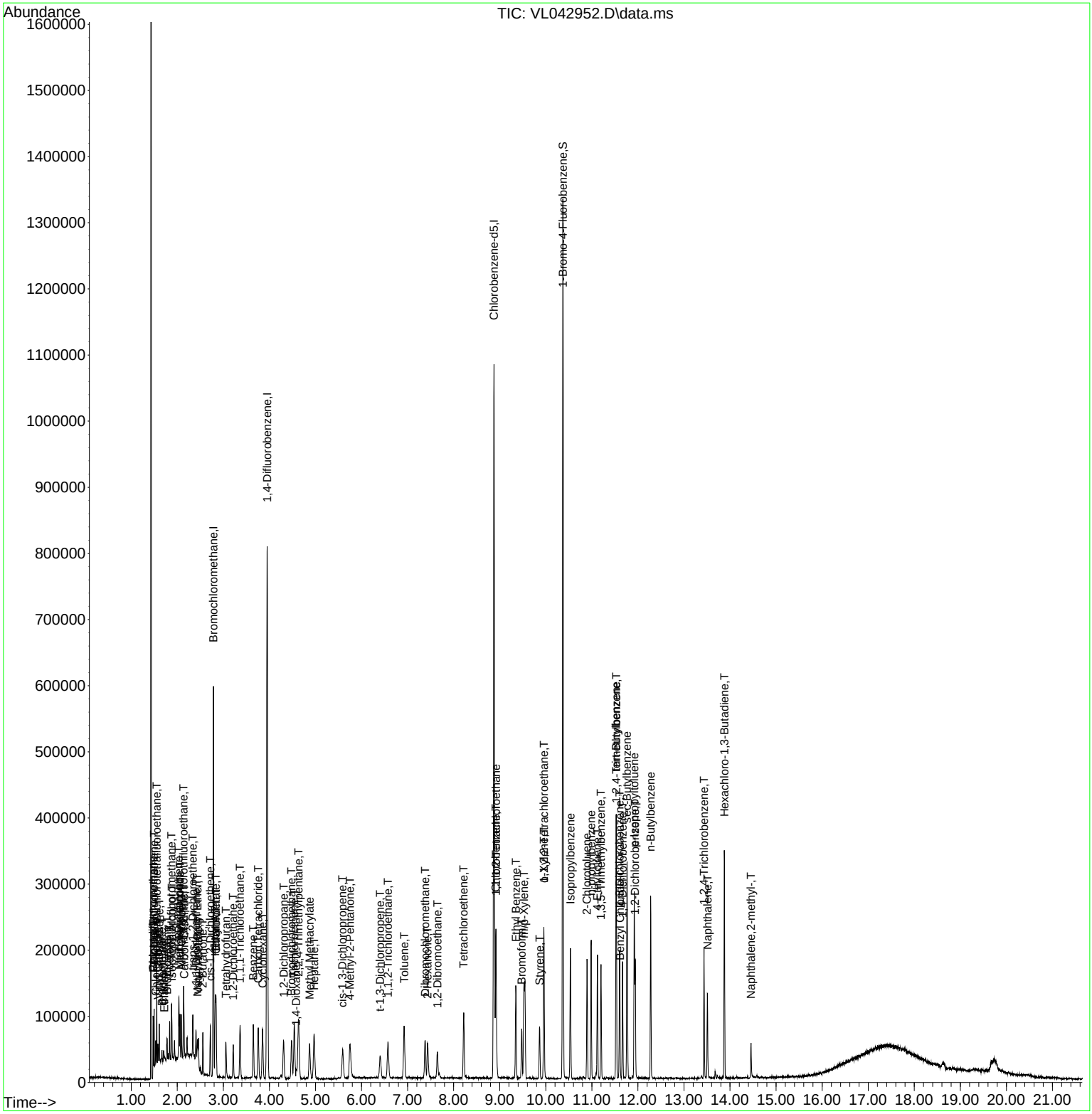
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	165435	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	509306	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	464091	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	347374	10.027	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11508	0.517	ppbv	96
3) Chlorodifluoromethane	1.476	51	14744	0.532	ppbv #	90
4) Chloromethane	1.534	50	5729	0.569	ppbv	97
5) Vinyl Chloride	1.580	62	4373	0.480	ppbv	93
6) Bromomethane	1.667	94	1850	0.576	ppbv	100
7) Chloroethane	1.703	64	1936	0.548	ppbv #	87
8) Dichlorotetrafluoroethane	1.554	85	10149	0.534	ppbv	96
9) Propene	1.483	41	6482	0.537	ppbv	94
10) Heptane	4.978	43	17388m	0.537	ppbv	
11) Trichlorofluoromethane	1.877	101	11200	0.522	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	9346	0.538	ppbv	100
13) Ethanol	1.719	45	629m	0.544	ppbv	
14) Bromoethene	1.784	108	3553	0.541	ppbv #	84
15) Acetone	1.835	43	12326	0.572	ppbv #	86
16) 1,3-Butadiene	1.609	39	6215	0.611	ppbv #	82
17) tert-Butyl alcohol	2.043	59	13128	0.555	ppbv #	77
18) 1,1-Dichloroethene	2.033	96	4543	0.565	ppbv	93
19) Isopropyl Alcohol	1.887	45	7431	0.574	ppbv #	46
20) Methylene Chloride	2.062	84	6881	0.430	ppbv	87
21) Allyl Chloride	2.098	41	7481	0.499	ppbv #	69
22) trans-1,2-Dichloroethene	2.337	96	4869m	0.533	ppbv	
23) Vinyl Acetate	2.460	43	18264	0.593	ppbv #	95
24) 1,1-Dichloroethane	2.408	63	9484	0.529	ppbv #	98
25) Ethyl Acetate	2.836	43	28162	0.517	ppbv #	95
26) Hexane	2.823	57	13406	0.540	ppbv	98
27) Carbon Disulfide	2.149	76	11535	0.518	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	7886	0.611	ppbv #	65
29) Chloroform	2.845	83	17188	0.530	ppbv	100
30) Cyclohexane	3.855	84	10856	0.523	ppbv	93
31) cis-1,2-Dichloroethene	2.719	61	11939	0.513	ppbv	99
32) 1,1,1-Trichloroethane	3.366	97	16684	0.474	ppbv	96
34) 2-Butanone	2.557	43	18948	0.531	ppbv	96
35) Carbon Tetrachloride	3.761	117	16799	0.513	ppbv	94
36) Benzene	3.654	78	24807	0.519	ppbv #	95
37) 1,2-Dichloroethane	3.217	62	12788	0.508	ppbv	100
38) Trichloroethene	4.544	130	12243	0.515	ppbv #	88
39) 1,2-Dichloropropane	4.315	63	8772	0.502	ppbv #	86
40) 1,4-Dioxane	4.599	88	4405m	0.543	ppbv	
41) Tetrahydrofuran	3.059	42	10871	0.530	ppbv	95
42) Bromodichloromethane	4.486	83	17552	0.501	ppbv	96
43) Methyl Methacrylate	4.881	69	10330m	0.532	ppbv	
44) 2,2,4-Trimethylpentane	4.642	57	43414m	0.525	ppbv	
45) t-1,3-Dichloropropene	6.409	75	10262m	0.492	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.593	75	13304m	0.500	ppbv		
47)	1,1,2-Trichloroethane	6.580	97	9725m	0.527	ppbv		
48)	Dibromochloromethane	7.383	129	14563	0.493	ppbv		99
49)	Bromoform	9.480	173	12136	0.473	ppbv		97
50)	4-Methyl-2-Pentanone	5.761	43	23639	0.493	ppbv		95
51)	2-Hexanone	7.441	43	18322	0.480	ppbv	#	97
52)	Tetrachloroethene	8.218	164	9073m	0.490	ppbv		
53)	Toluene	6.927	91	29404	0.519	ppbv		99
54)	1,2-Dibromoethane	7.648	107	13233	0.510	ppbv		98
56)	1,1,1,2-Tetrachloroethane	8.924	131	11535	0.519	ppbv	#	1
57)	Chlorobenzene	8.920	112	22463	0.530	ppbv		91
58)	Ethyl Benzene	9.351	91	38459	0.505	ppbv		96
59)	m/p-Xylene	9.545	91	61801m	1.028	ppbv		
60)	o-Xylene	9.959	91	30976	0.516	ppbv		98
61)	Styrene	9.865	104	14048	0.495	ppbv		98
62)	Isopropylbenzene	10.535	105	46640	0.521	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.959	83	15974	0.506	ppbv		97
64)	n-propylbenzene	10.985	120	12333	0.527	ppbv		100
65)	tert-Butylbenzene	11.529	119	42595	0.535	ppbv		99
66)	Benzyl Chloride	11.613	91	3942m	0.472	ppbv		
67)	sec-Butylbenzene	11.765	105	58190	0.525	ppbv		99
69)	p-Isopropyltoluene	11.924	119	48855	0.521	ppbv		100
70)	n-Butylbenzene	12.280	91	44764	0.489	ppbv		100
71)	2-Chlorotoluene	10.898	91	35797	0.530	ppbv		96
72)	4-Ethyltoluene	11.125	105	39803	0.529	ppbv		99
73)	1,3,5-Trimethylbenzene	11.202	105	30932	0.507	ppbv		96
74)	1,2,4-Trimethylbenzene	11.532	105	35601	0.529	ppbv		97
75)	1,3-Dichlorobenzene	11.607	146	21307	0.510	ppbv		98
76)	1,4-Dichlorobenzene	11.668	146	21404	0.516	ppbv		98
77)	1,2-Dichlorobenzene	11.943	146	20279	0.510	ppbv		95
78)	Hexachloro-1,3-Butadiene	13.879	225	17515	0.563	ppbv		98
79)	Naphthalene	13.510	128	25577	0.429	ppbv		97
80)	Naphthalene,2-methyl-	14.458	142	8906	0.484	ppbv		92
81)	1,2,4-Trichlorobenzene	13.439	180	12920	0.406	ppbv		98

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

Quantitation Report (QT Reviewed)

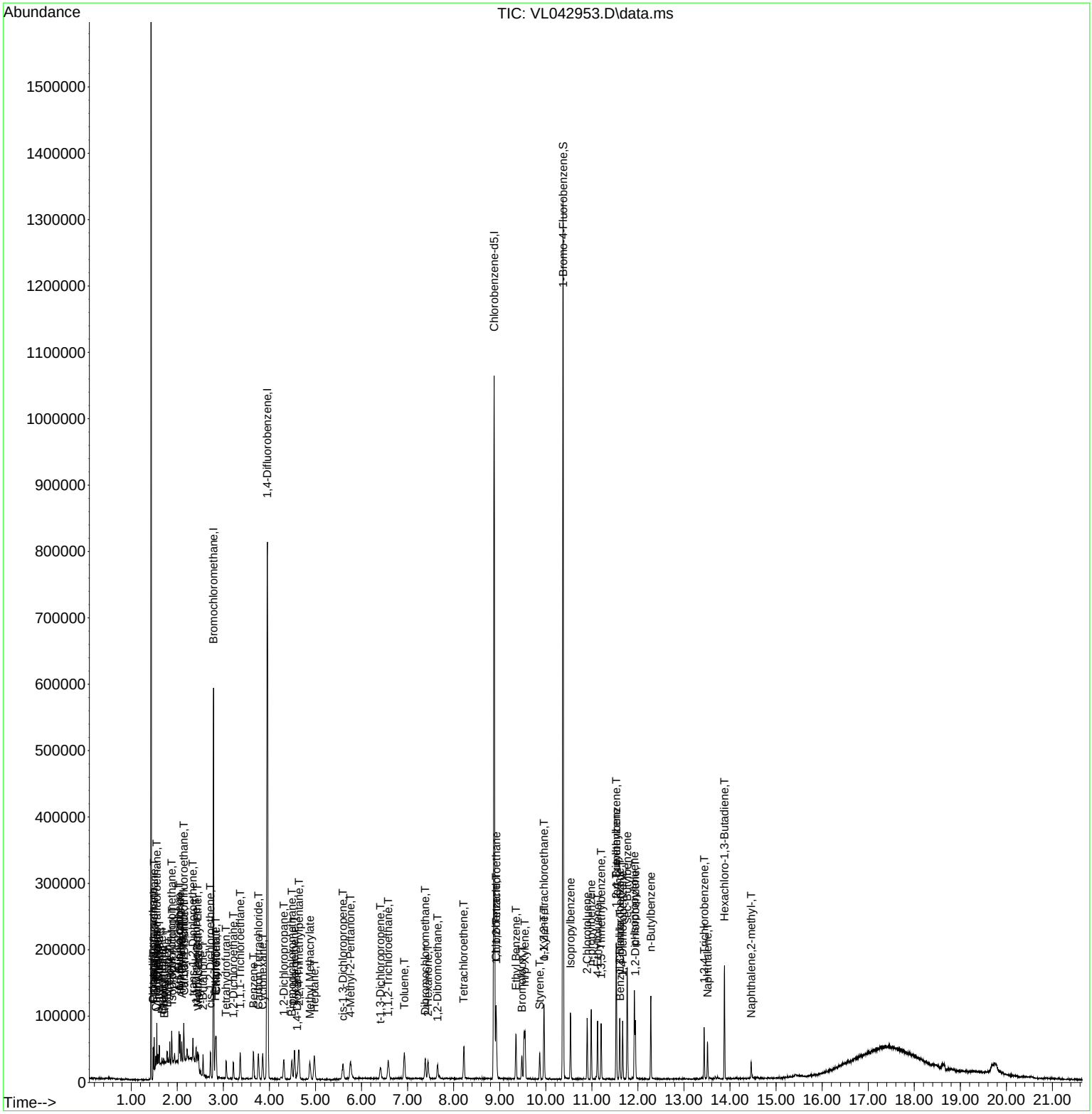
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042954.D
Acq On : 22 Sep 2025 11:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	163771	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	498673	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	457171	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	337196	9.881	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.800%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.580	62	920	0.102	ppbv #	75
32) 1,1,1-Trichloroethane	3.370	97	3418	0.098	ppbv	96
35) Carbon Tetrachloride	3.764	117	3071m	0.096	ppbv	
38) Trichloroethene	4.541	130	2470m	0.106	ppbv	
52) Tetrachloroethene	8.228	164	2013m	0.111	ppbv	
54) 1,2-Dibromoethane	7.655	107	2595m	0.102	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	3301	0.106	ppbv	97
79) Naphthalene	13.516	128	4997m	0.085	ppbv	

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

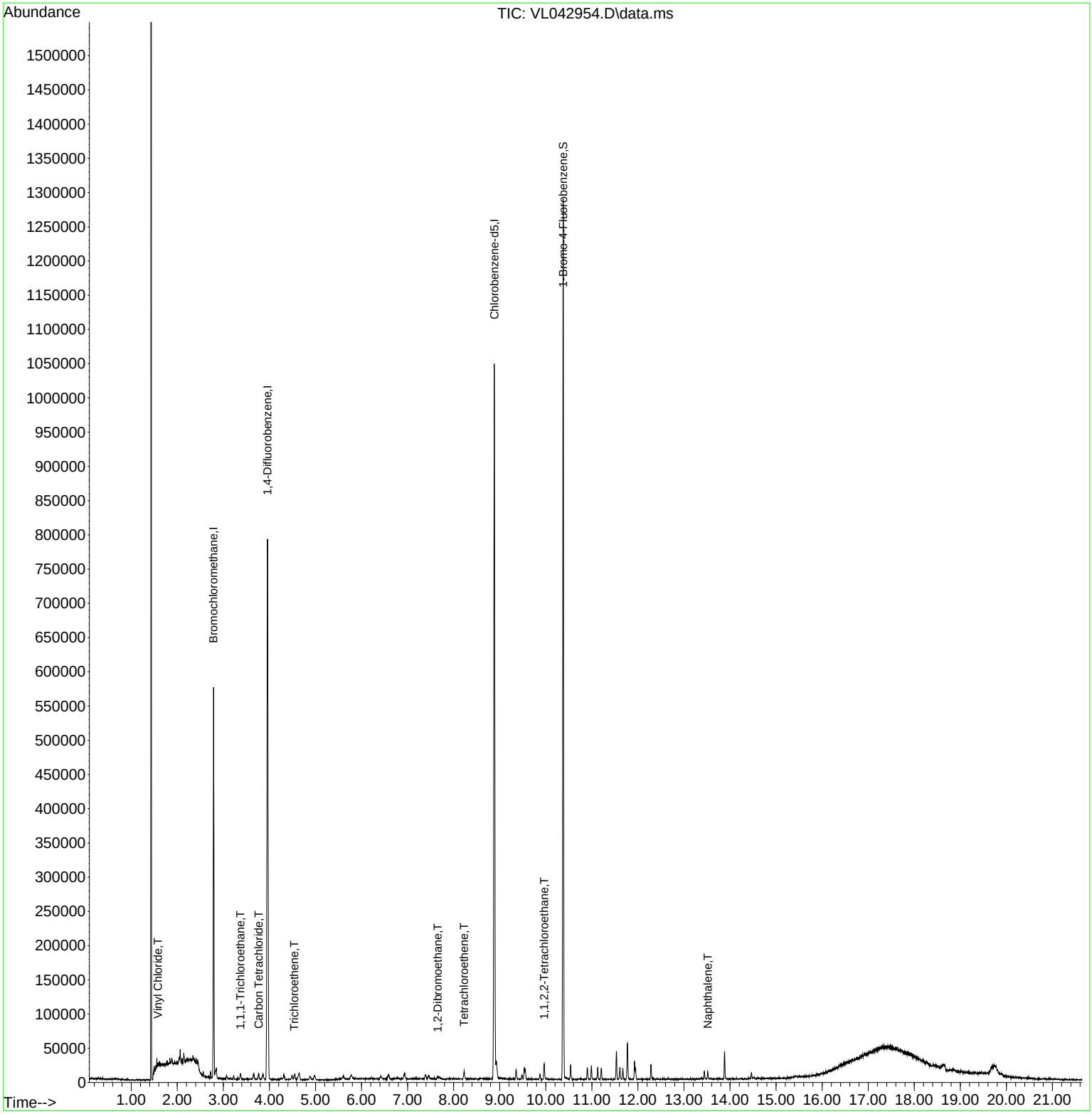
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042954.D
Acq On : 22 Sep 2025 11:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042955.D
Acq On : 22 Sep 2025 12:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	163615	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	504423	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	454013	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	334002	9.855	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.600%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.580	62	358	0.040	ppbv	# 53
32) 1,1,1-Trichloroethane	3.373	97	1337m	0.038	ppbv	
35) Carbon Tetrachloride	3.761	117	1110m	0.034	ppbv	
38) Trichloroethene	4.551	130	797m	0.034	ppbv	
52) Tetrachloroethene	8.231	164	660m	0.036	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.959	83	1098m	0.036	ppbv	

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

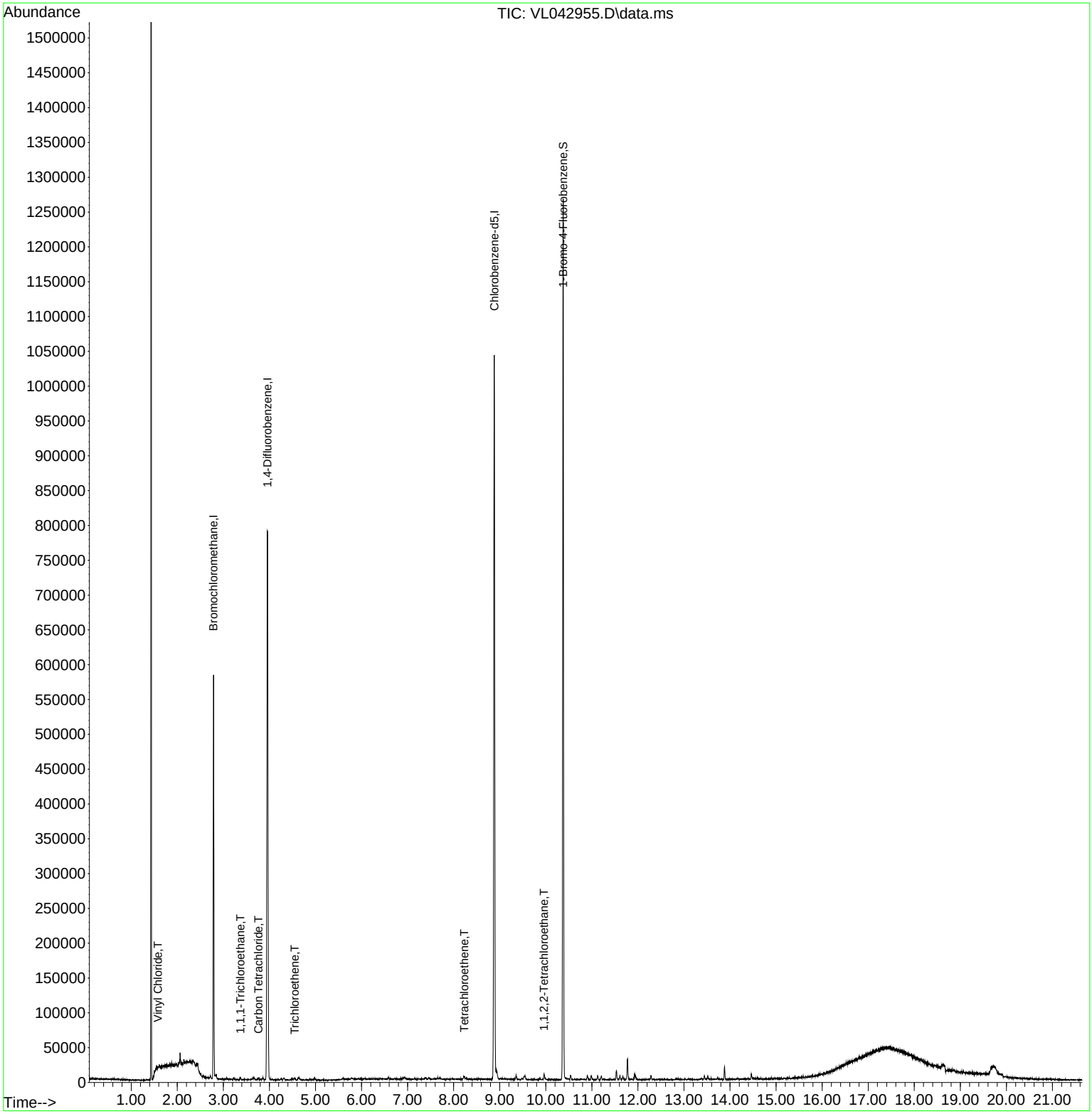
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042955.D
Acq On : 22 Sep 2025 12:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	162846	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	494779	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	458256	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	343752	10.049	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	300946	13.740	ppbv	97
3) Chlorodifluoromethane	1.476	51	364959	13.369	ppbv	100
4) Chloromethane	1.534	50	133240	13.439	ppbv	99
5) Vinyl Chloride	1.583	62	115257	12.860	ppbv	100
6) Bromomethane	1.670	94	40861	12.925	ppbv	94
7) Chloroethane	1.706	64	46081	13.241	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	255815	13.682	ppbv	98
9) Propene	1.486	41	154069	12.973	ppbv	94
10) Heptane	4.985	43	424500	13.327	ppbv	98
11) Trichlorofluoromethane	1.881	101	295479	13.991	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	237615	13.894	ppbv	99
13) Ethanol	1.722	45	11502	10.105	ppbv	99
14) Bromoethene	1.784	108	88375	13.668	ppbv	100
15) Acetone	1.835	43	244861	11.545	ppbv	97
16) 1,3-Butadiene	1.612	39	126670	12.661	ppbv	97
17) tert-Butyl alcohol	2.039	59	308347	13.255	ppbv	99
18) 1,1-Dichloroethene	2.036	96	109211	13.796	ppbv	99
19) Isopropyl Alcohol	1.887	45	162952	12.780	ppbv	100
20) Methylene Chloride	2.062	84	92708	14.996	ppbv	95
21) Allyl Chloride	2.098	41	204552	13.848	ppbv	100
22) trans-1,2-Dichloroethene	2.343	96	121815	13.542	ppbv	98
23) Vinyl Acetate	2.463	43	419251	13.837	ppbv	99
24) 1,1-Dichloroethane	2.411	63	243229	13.789	ppbv	99
25) Ethyl Acetate	2.835	43	724418	13.514	ppbv	99
26) Hexane	2.829	57	321710	13.166	ppbv	99
27) Carbon Disulfide	2.153	76	300931	13.731	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	193915	15.267	ppbv	94
29) Chloroform	2.852	83	440772	13.796	ppbv	98
30) Cyclohexane	3.858	84	281932	13.800	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	317456	13.869	ppbv	98
32) 1,1,1-Trichloroethane	3.369	97	456335	13.178	ppbv	99
34) 2-Butanone	2.557	43	469872	13.551	ppbv	99
35) Carbon Tetrachloride	3.764	117	457985	14.385	ppbv	97
36) Benzene	3.658	78	654205	14.080	ppbv	99
37) 1,2-Dichloroethane	3.221	62	350841	14.358	ppbv	100
38) Trichloroethene	4.548	130	310602	13.450	ppbv	97
39) 1,2-Dichloropropane	4.315	63	241323	14.218	ppbv	95
40) 1,4-Dioxane	4.580	88	104884	13.306	ppbv #	98
41) Tetrahydrofuran	3.052	42	276157	13.855	ppbv	99
42) Bromodichloromethane	4.489	83	495091	14.544	ppbv	98
43) Methyl Methacrylate	4.881	69	263659	13.979	ppbv	99
44) 2,2,4-Trimethylpentane	4.641	57	1107180	13.791	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	298019	14.694	ppbv	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	371770	14.389	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	249453	13.909	ppbv	96
48) Dibromochloromethane	7.389	129	421755	14.709	ppbv	99
49) Bromoform	9.487	173	367120	14.719	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	666049	14.293	ppbv	100
51) 2-Hexanone	7.435	43	541611	14.620	ppbv	100
52) Tetrachloroethene	8.228	164	233980	13.015	ppbv	99
53) Toluene	6.936	91	765216	13.915	ppbv	98
54) 1,2-Dibromoethane	7.652	107	359750	14.261	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	306952	13.994	ppbv	99
57) Chlorobenzene	8.924	112	565065	13.507	ppbv	98
58) Ethyl Benzene	9.357	91	1052303	13.985	ppbv	99
59) m/p-Xylene	9.555	91	1636030m	27.557	ppbv	
60) o-Xylene	9.966	91	808098	13.629	ppbv	100
61) Styrene	9.872	104	401899	14.330	ppbv	99
62) Isopropylbenzene	10.542	105	1198767	13.564	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	403038	12.932	ppbv	100
64) n-propylbenzene	10.992	120	318541	13.793	ppbv	97
65) tert-Butylbenzene	11.532	119	1033382	13.146	ppbv	100
66) Benzyl Chloride	11.616	91	113549	13.767	ppbv	99
67) sec-Butylbenzene	11.769	105	1454158	13.276	ppbv	99
69) p-Isopropyltoluene	11.927	119	1228773	13.280	ppbv	100
70) n-Butylbenzene	12.283	91	1239042	13.716	ppbv	99
71) 2-Chlorotoluene	10.904	91	916456	13.733	ppbv	100
72) 4-Ethyltoluene	11.128	105	1014567	13.662	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	845958	14.046	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	889339	13.372	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	568597	13.785	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	570104	13.916	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	536286	13.665	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	377435	12.296	ppbv	99
79) Naphthalene	13.513	128	920123	15.645	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	277792	15.290	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	473767	15.066	ppbv	99

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

Quantitation Report (QT Reviewed)

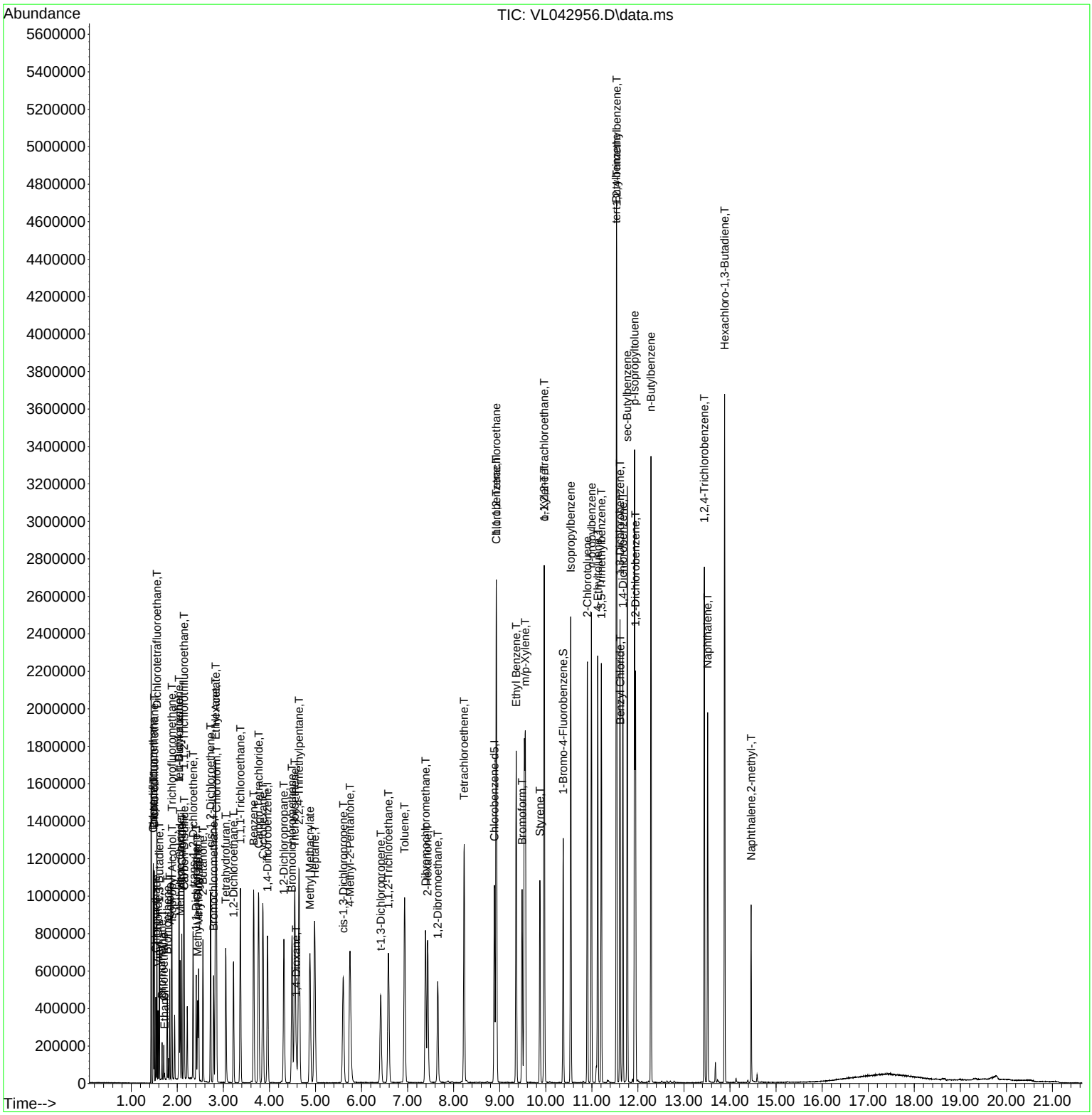
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	159826	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	493072	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	450930	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	338071	10.043	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	197861	9.204	ppbv	98
3) Chlorodifluoromethane	1.476	51	246838	9.213	ppbv	99
4) Chloromethane	1.535	50	85932	8.831	ppbv	100
5) Vinyl Chloride	1.580	62	74819	8.506	ppbv	98
6) Bromomethane	1.667	94	26463	8.529	ppbv	91
7) Chloroethane	1.706	64	30377	8.894	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	164255	8.951	ppbv	98
9) Propene	1.483	41	105822	9.079	ppbv	95
10) Heptane	4.982	43	284333	9.141	ppbv	99
11) Trichlorofluoromethane	1.878	101	189800	9.157	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	151398	9.020	ppbv	99
13) Ethanol	1.722	45	6606	5.842	ppbv	90
14) Bromoethene	1.781	108	55748	8.785	ppbv	98
15) Acetone	1.836	43	157306	7.557	ppbv	98
16) 1,3-Butadiene	1.609	39	80854	8.234	ppbv	98
17) tert-Butyl alcohol	2.040	59	206466	9.043	ppbv	100
18) 1,1-Dichloroethene	2.036	96	69181	8.904	ppbv	94
19) Isopropyl Alcohol	1.884	45	108171	8.644	ppbv	100
20) Methylene Chloride	2.062	84	61743	9.945	ppbv	98
21) Allyl Chloride	2.098	41	132878	9.166	ppbv	100
22) trans-1,2-Dichloroethene	2.341	96	78085	8.845	ppbv	98
23) Vinyl Acetate	2.464	43	280339	9.427	ppbv	99
24) 1,1-Dichloroethane	2.409	63	155861	9.003	ppbv	100
25) Ethyl Acetate	2.833	43	486993	9.256	ppbv	99
26) Hexane	2.826	57	216458	9.026	ppbv	99
27) Carbon Disulfide	2.150	76	196191	9.121	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	121564	9.752	ppbv	95
29) Chloroform	2.849	83	300507	9.583	ppbv	100
30) Cyclohexane	3.855	84	186186	9.286	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	213362	9.497	ppbv	99
32) 1,1,1-Trichloroethane	3.370	97	307237	9.071	ppbv	100
34) 2-Butanone	2.558	43	313801	9.081	ppbv	100
35) Carbon Tetrachloride	3.762	117	304293	9.479	ppbv	97
36) Benzene	3.655	78	435981	9.416	ppbv	98
37) 1,2-Dichloroethane	3.218	62	233305	9.581	ppbv	99
38) Trichloroethene	4.548	130	205431	8.927	ppbv	95
39) 1,2-Dichloropropane	4.312	63	160275	9.482	ppbv	95
40) 1,4-Dioxane	4.577	88	69659	8.863	ppbv #	95
41) Tetrahydrofuran	3.053	42	184258	9.277	ppbv	100
42) Bromodichloromethane	4.490	83	329680	9.721	ppbv	99
43) Methyl Methacrylate	4.878	69	172867	9.125	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	738876	9.239	ppbv	99
45) t-1,3-Dichloropropene	6.416	75	188332	9.321	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	244367	9.490	ppbv	99
47) 1,1,2-Trichloroethane	6.577	97	165721	9.279	ppbv	97
48) Dibromochloromethane	7.387	129	278090	9.732	ppbv	99
49) Bromoform	9.484	173	238337	9.589	ppbv	99
50) 4-Methyl-2-Pentanone	5.746	43	435845	9.411	ppbv	99
51) 2-Hexanone	7.435	43	352962	9.561	ppbv	100
52) Tetrachloroethene	8.225	164	155469	8.678	ppbv	98
53) Toluene	6.933	91	509968	9.306	ppbv	99
54) 1,2-Dibromoethane	7.652	107	237604	9.452	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.924	131	205811	9.536	ppbv	99
57) Chlorobenzene	8.924	112	379110	9.209	ppbv	99
58) Ethyl Benzene	9.354	91	698086	9.428	ppbv	100
59) m/p-Xylene	9.552	91	1092496m	18.715	ppbv	
60) o-Xylene	9.966	91	538861	9.236	ppbv	99
61) Styrene	9.872	104	264257	9.575	ppbv	99
62) Isopropylbenzene	10.539	105	802723	9.230	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	272416	8.883	ppbv	100
64) n-propylbenzene	10.989	120	214374	9.433	ppbv	99
65) tert-Butylbenzene	11.533	119	711319	9.196	ppbv	99
66) Benzyl Chloride	11.617	91	71896	8.858	ppbv	99
67) sec-Butylbenzene	11.769	105	995407	9.235	ppbv	99
69) p-Isopropyltoluene	11.928	119	848196	9.316	ppbv	99
70) n-Butylbenzene	12.280	91	834882	9.392	ppbv	100
71) 2-Chlorotoluene	10.902	91	611697	9.315	ppbv	100
72) 4-Ethyltoluene	11.125	105	686229	9.391	ppbv	100
73) 1,3,5-Trimethylbenzene	11.203	105	567874	9.582	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	607159	9.277	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	380822	9.382	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	380109	9.429	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	359995	9.322	ppbv	100
78) Hexachloro-1,3-Butadiene	13.883	225	249142	8.248	ppbv	100
79) Naphthalene	13.514	128	590759	10.208	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	173023	9.678	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	304647	9.845	ppbv	98

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

Quantitation Report (QT Reviewed)

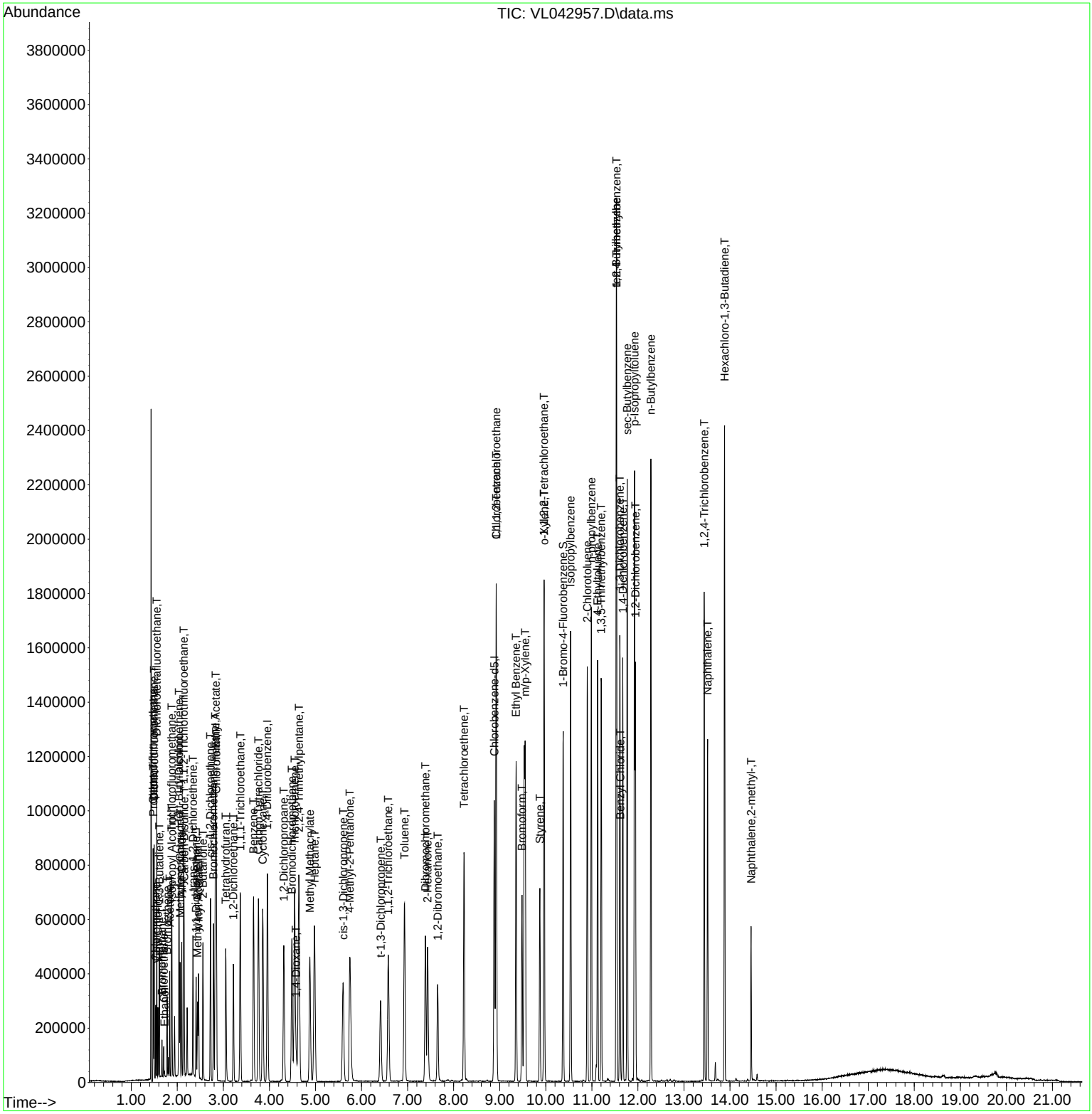
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	1.345	1.238	8.0	93	0.00
3		Chlorodifluoromethane	1.676	1.544	7.9	92	0.00
4		Chloromethane	0.609	0.538	11.7	90	0.00
5	T	Vinyl Chloride	0.550	0.468	14.9	93	0.00
6	T	Bromomethane	0.194	0.166	14.4	94	0.00
7		Chloroethane	0.214	0.190	11.2	91	0.00
8	T	Dichlorotetrafluoroethane	1.148	1.028	10.5	92	0.00
9	T	Propene	0.729	0.662	9.2	91	0.00
10	T	Heptane	1.946	1.779	8.6	89	0.01
11	T	Trichlorofluoromethane	1.297	1.188	8.4	93	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.050	0.947	9.8	92	0.00
13		Ethanol	0.071	0.041#	42.3#	73	0.00
14	T	Bromoethene	0.397	0.349	12.1	90	0.00
15	T	Acetone	1.302	0.984	24.4	93	0.00
16	T	1,3-Butadiene	0.614	0.506	17.6	91	0.00
17		tert-Butyl alcohol	1.429	1.292	9.6	89	0.00
18	T	1,1-Dichloroethene	0.486	0.433	10.9	91	0.00
19	T	Isopropyl Alcohol	0.783	0.677	13.5	88	0.00
20	T	Methylene Chloride	0.545	0.386	29.2	93	0.00
21	T	Allyl Chloride	0.907	0.831	8.4	91	0.00
22	T	trans-1,2-Dichloroethene	0.552	0.489	11.4	90	0.00
23	T	Vinyl Acetate	1.861	1.754	5.7	103	0.00
24	T	1,1-Dichloroethane	1.083	0.975	10.0	92	0.00
25	T	Ethyl Acetate	3.292	3.047	7.4	90	0.00
26	T	Hexane	1.501	1.354	9.8	91	0.00
27	T	Carbon Disulfide	1.346	1.228	8.8	90	0.00
28	T	Methyl tert-Butyl Ether	0.780	0.761	2.4	112	0.00
29	T	Chloroform	1.962	1.880	4.2	95	0.00
30	T	Cyclohexane	1.255	1.165	7.2	91	0.00
31	T	cis-1,2-Dichloroethene	1.406	1.335	5.0	92	0.00
32	T	1,1,1-Trichloroethane	2.119	1.922	9.3	95	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34	T	2-Butanone	0.701	0.636	9.3	91	0.00
35	T	Carbon Tetrachloride	0.651	0.617	5.2	95	0.00
36	T	Benzene	0.939	0.884	5.9	92	0.00
37	T	1,2-Dichloroethane	0.494	0.473	4.3	94	0.00
38	T	Trichloroethene	0.467	0.417	10.7	91	0.00
39	T	1,2-Dichloropropane	0.343	0.325	5.2	93	0.00
40	T	1,4-Dioxane	0.159	0.141	11.3	89	0.00
41	T	Tetrahydrofuran	0.403	0.374	7.2	90	0.00
42	T	Bromodichloromethane	0.688	0.669	2.8	92	0.00
43		Methyl Methacrylate	0.384	0.351	8.6	89	0.00
44	T	2,2,4-Trimethylpentane	1.622	1.499	7.6	90	0.00
45	T	t-1,3-Dichloropropene	0.410	0.382	6.8	88	0.00
46	T	cis-1,3-Dichloropropene	0.522	0.496	5.0	89	0.01
47	T	1,1,2-Trichloroethane	0.362	0.336	7.2	91	0.00
48	T	Dibromochloromethane	0.580	0.564	2.8	93	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	Bromoform	0.504	0.483	4.2	89	0.00
50	T	4-Methyl-2-Pentanone	0.939	0.884	5.9	89	0.00
51	T	2-Hexanone	0.749	0.716	4.4	89	0.00
52	T	Tetrachloroethene	0.363	0.315	13.2	91	0.00
53	T	Toluene	1.111	1.034	6.9	90	0.00
54	T	1,2-Dibromoethane	0.510	0.482	5.5	92	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56		1,1,1,2-Tetrachloroethane	0.479	0.456	4.8	92	0.00
57	T	Chlorobenzene	0.913	0.841	7.9	91	0.00
58	T	Ethyl Benzene	1.642	1.548	5.7	91	0.00
59	T	m/p-Xylene	1.295	1.211	6.5	92	0.03
60	T	o-Xylene	1.294	1.195	7.7	91	0.00
61	T	Styrene	0.612	0.586	4.2	90	0.00
62		Isopropylbenzene	1.929	1.780	7.7	91	0.00
63	T	1,1,2,2-Tetrachloroethane	0.680	0.604	11.2	92	0.00
64		n-propylbenzene	0.504	0.475	5.8	93	0.00
65		tert-Butylbenzene	1.715	1.577	8.0	94	0.00
66	T	Benzyl Chloride	0.180	0.159	11.7	76	0.00
67		sec-Butylbenzene	2.390	2.207	7.7	93	0.00
68	S	1-Bromo-4-Fluorobenzene	0.746	0.750	-0.5	91	0.00
69		p-Isopropyltoluene	2.019	1.881	6.8	94	0.00
70		n-Butylbenzene	1.971	1.851	6.1	91	0.00
71		2-Chlorotoluene	1.456	1.357	6.8	92	0.00
72	T	4-Ethyltoluene	1.621	1.522	6.1	93	0.00
73	T	1,3,5-Trimethylbenzene	1.314	1.259	4.2	92	0.00
74	T	1,2,4-Trimethylbenzene	1.451	1.346	7.2	92	0.00
75	T	1,3-Dichlorobenzene	0.900	0.845	6.1	93	0.00
76	T	1,4-Dichlorobenzene	0.894	0.843	5.7	92	0.00
77	T	1,2-Dichlorobenzene	0.856	0.798	6.8	93	0.00
78	T	Hexachloro-1,3-Butadiene	0.670	0.553	17.5	89	0.00
79	T	Naphthalene	1.283	1.310	-2.1	88	0.00
80	T	Naphthalene,2-methyl-	0.396	0.384	3.0	88	0.00
81	T	1,2,4-Trichlorobenzene	0.686	0.676	1.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	10.000	10.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	10.000	9.204	8.0	93	0.00
3		Chlorodifluoromethane	10.000	9.213	7.9	92	0.00
4		Chloromethane	10.000	8.831	11.7	90	0.00
5	T	Vinyl Chloride	10.000	8.506	14.9	93	0.00
6	T	Bromomethane	10.000	8.529	14.7	94	0.00
7		Chloroethane	10.000	8.894	11.1	91	0.00
8	T	Dichlorotetrafluoroethane	10.000	8.951	10.5	92	0.00
9	T	Propene	10.000	9.079	9.2	91	0.00
10	T	Heptane	10.000	9.141	8.6	89	0.01
11	T	Trichlorofluoromethane	10.000	9.157	8.4	93	0.00
12	T	1,1,2-Trichlorotrifluoroeth	10.000	9.020	9.8	92	0.00
13		Ethanol	10.000	5.842	41.6#	73	0.00
14	T	Bromoethene	10.000	8.785	12.1	90	0.00
15	T	Acetone	10.000	7.557	24.4	93	0.00
16	T	1,3-Butadiene	10.000	8.234	17.7	91	0.00
17		tert-Butyl alcohol	10.000	9.043	9.6	89	0.00
18	T	1,1-Dichloroethene	10.000	8.904	11.0	91	0.00
19	T	Isopropyl Alcohol	10.000	8.644	13.6	88	0.00
20	T	Methylene Chloride	10.000	9.945	0.5	93	0.00
21	T	Allyl Chloride	10.000	9.166	8.3	91	0.00
22	T	trans-1,2-Dichloroethene	10.000	8.845	11.5	90	0.00
23	T	Vinyl Acetate	10.000	9.427	5.7	103	0.00
24	T	1,1-Dichloroethane	10.000	9.003	10.0	92	0.00
25	T	Ethyl Acetate	10.000	9.256	7.4	90	0.00
26	T	Hexane	10.000	9.026	9.7	91	0.00
27	T	Carbon Disulfide	10.000	9.121	8.8	90	0.00
28	T	Methyl tert-Butyl Ether	10.000	9.752	2.5	112	0.00
29	T	Chloroform	10.000	9.583	4.2	95	0.00
30	T	Cyclohexane	10.000	9.286	7.1	91	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.497	5.0	92	0.00
32	T	1,1,1-Trichloroethane	10.000	9.071	9.3	95	0.00
33	I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.00
34	T	2-Butanone	10.000	9.081	9.2	91	0.00
35	T	Carbon Tetrachloride	10.000	9.479	5.2	95	0.00
36	T	Benzene	10.000	9.416	5.8	92	0.00
37	T	1,2-Dichloroethane	10.000	9.581	4.2	94	0.00
38	T	Trichloroethene	10.000	8.927	10.7	91	0.00
39	T	1,2-Dichloropropane	10.000	9.482	5.2	93	0.00
40	T	1,4-Dioxane	10.000	8.863	11.4	89	0.00
41	T	Tetrahydrofuran	10.000	9.277	7.2	90	0.00
42	T	Bromodichloromethane	10.000	9.721	2.8	92	0.00
43		Methyl Methacrylate	10.000	9.125	8.8	89	0.00
44	T	2,2,4-Trimethylpentane	10.000	9.239	7.6	90	0.00
45	T	t-1,3-Dichloropropene	10.000	9.321	6.8	88	0.00
46	T	cis-1,3-Dichloropropene	10.000	9.490	5.1	89	0.01
47	T	1,1,2-Trichloroethane	10.000	9.279	7.2	91	0.00
48	T	Dibromochloromethane	10.000	9.732	2.7	93	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	Bromoform	10.000	9.589	4.1	89	0.00
50	T	4-Methyl-2-Pentanone	10.000	9.411	5.9	89	0.00
51	T	2-Hexanone	10.000	9.561	4.4	89	0.00
52	T	Tetrachloroethene	10.000	8.678	13.2	91	0.00
53	T	Toluene	10.000	9.306	6.9	90	0.00
54	T	1,2-Dibromoethane	10.000	9.452	5.5	92	0.00
55	I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.00
56		1,1,1,2-Tetrachloroethane	10.000	9.536	4.6	92	0.00
57	T	Chlorobenzene	10.000	9.209	7.9	91	0.00
58	T	Ethyl Benzene	10.000	9.428	5.7	91	0.00
59	T	m/p-Xylene	20.000	18.715	6.4	92	0.03
60	T	o-Xylene	10.000	9.236	7.6	91	0.00
61	T	Styrene	10.000	9.575	4.3	90	0.00
62		Isopropylbenzene	10.000	9.230	7.7	91	0.00
63	T	1,1,2,2-Tetrachloroethane	10.000	8.883	11.2	92	0.00
64		n-propylbenzene	10.000	9.433	5.7	93	0.00
65		tert-Butylbenzene	10.000	9.196	8.0	94	0.00
66	T	Benzyl Chloride	10.000	8.858	11.4	76	0.00
67		sec-Butylbenzene	10.000	9.235	7.7	93	0.00
68	S	1-Bromo-4-Fluorobenzene	10.000	10.043	-0.4	91	0.00
69		p-Isopropyltoluene	10.000	9.316	6.8	94	0.00
70		n-Butylbenzene	10.000	9.392	6.1	91	0.00
71		2-Chlorotoluene	10.000	9.315	6.9	92	0.00
72	T	4-Ethyltoluene	10.000	9.391	6.1	93	0.00
73	T	1,3,5-Trimethylbenzene	10.000	9.582	4.2	92	0.00
74	T	1,2,4-Trimethylbenzene	10.000	9.277	7.2	92	0.00
75	T	1,3-Dichlorobenzene	10.000	9.382	6.2	93	0.00
76	T	1,4-Dichlorobenzene	10.000	9.429	5.7	92	0.00
77	T	1,2-Dichlorobenzene	10.000	9.322	6.8	93	0.00
78	T	Hexachloro-1,3-Butadiene	10.000	8.248	17.5	89	0.00
79	T	Naphthalene	10.000	10.208	-2.1	88	0.00
80	T	Naphthalene,2-methyl-	10.000	9.678	3.2	88	0.00
81	T	1,2,4-Trichlorobenzene	10.000	9.845	1.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GFEL01
Lab Code: ACE
SDG No.: Q3112
Instrument ID: MSVOA_L
Calibration Date/Time: 09/22/2025 09:39
Lab File ID: VL042950.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:39 13:05
GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Vinyl Chloride	0.550	0.470		-14.55	
Heptane	1.946	1.870		-3.9	
1,1-Dichloroethane	1.083	0.993		-8.31	
Cyclohexane	1.255	1.193		-4.94	
cis-1,2-Dichloroethene	1.406	1.357		-3.48	
1,1,1-Trichloroethane	2.119	1.902		-10.24	
2,2,4-Trimethylpentane	1.622	1.563		-3.64	
Benzene	0.939	0.898		-4.37	
Trichloroethene	0.467	0.426		-8.78	
Toluene	1.111	1.078		-2.97	
Tetrachloroethene	0.363	0.325		-10.47	
Ethyl Benzene	1.642	1.570		-4.39	
m/p-Xylene	1.295	1.225		-5.41	
o-Xylene	1.294	1.221		-5.64	
1,3,5-Trimethylbenzene	1.314	1.263		-3.88	
1,2,4-Trimethylbenzene	1.451	1.349		-7.03	
Naphthalene	1.283	1.373		7.01	
1-Bromo-4-Fluorobenzene	0.746	0.763		2.28	
Hexane	1.501	1.398		-6.86	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	170899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	526679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	486724	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	371195	10.217	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	213351	9.282	ppbv	100
3) Chlorodifluoromethane	1.473	51	269073	9.392	ppbv	100
4) Chloromethane	1.531	50	95679	9.196	ppbv	100
5) Vinyl Chloride	1.577	62	80350	8.543	ppbv	100
6) Bromomethane	1.667	94	28301	8.530	ppbv	100
7) Chloroethane	1.703	64	33446	9.158	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	178992	9.122	ppbv	100
9) Propene	1.483	41	116849	9.376	ppbv	100
10) Heptane	4.969	43	319577	9.560	ppbv	100
11) Trichlorofluoromethane	1.874	101	204850	9.243	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	164598	9.171	ppbv	100
13) Ethanol	1.719	45	9094	7.613	ppbv	100
14) Bromoethene	1.780	108	61824	9.111	ppbv	100
15) Acetone	1.832	43	169676	7.623	ppbv	100
16) 1,3-Butadiene	1.606	39	88812	8.459	ppbv	100
17) tert-Butyl alcohol	2.036	59	230853	9.456	ppbv	100
18) 1,1-Dichloroethene	2.030	96	76184	9.170	ppbv	100
19) Isopropyl Alcohol	1.884	45	122753	9.174	ppbv	100
20) Methylene Chloride	2.059	84	66314	9.992	ppbv	100
21) Allyl Chloride	2.094	41	146473	9.449	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	86580	9.172	ppbv	100
23) Vinyl Acetate	2.460	43	272378	8.566	ppbv	100
24) 1,1-Dichloroethane	2.405	63	169721	9.168	ppbv	100
25) Ethyl Acetate	2.829	43	538761	9.577	ppbv	100
26) Hexane	2.823	57	238896	9.316	ppbv	100
27) Carbon Disulfide	2.146	76	217259	9.446	ppbv	100
28) Methyl tert-Butyl Ether	2.434	73	108987	8.176	ppbv	100
29) Chloroform	2.845	83	315779	9.418	ppbv	100
30) Cyclohexane	3.852	84	203803	9.506	ppbv	100
31) cis-1,2-Dichloroethene	2.716	61	231907	9.654	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	325118	8.947	ppbv	100
34) 2-Butanone	2.551	43	344874	9.343	ppbv	100
35) Carbon Tetrachloride	3.755	117	321267	9.480	ppbv	100
36) Benzene	3.651	78	472855	9.561	ppbv	100
37) 1,2-Dichloroethane	3.214	62	247754	9.525	ppbv	100
38) Trichloroethene	4.541	130	224516	9.134	ppbv	100
39) 1,2-Dichloropropane	4.305	63	172059	9.523	ppbv	100
40) 1,4-Dioxane	4.570	88	77889	9.283	ppbv #	100
41) Tetrahydrofuran	3.046	42	204724	9.649	ppbv	100
42) Bromodichloromethane	4.480	83	358858	9.903	ppbv	100
43) Methyl Methacrylate	4.871	69	193676	9.646	ppbv	100
44) 2,2,4-Trimethylpentane	4.632	57	823031	9.631	ppbv	100
45) t-1,3-Dichloropropene	6.406	75	215233	9.969	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.590	75	275210	10.006	ppbv		100
47)	1,1,2-Trichloroethane	6.571	97	181329	9.498	ppbv		100
48)	Dibromochloromethane	7.383	129	300497	9.845	ppbv		100
49)	Bromoform	9.480	173	267814	10.087	ppbv		100
50)	4-Methyl-2-Pentanone	5.736	43	492068	9.920	ppbv		100
51)	2-Hexanone	7.428	43	395744	10.036	ppbv	#	100
52)	Tetrachloroethene	8.218	164	171294	8.951	ppbv		100
53)	Toluene	6.923	91	567779	9.699	ppbv		100
54)	1,2-Dibromoethane	7.645	107	257904	9.605	ppbv		100
56)	1,1,1,2-Tetrachloroethane	8.921	131	223066	9.575	ppbv		100
57)	Chlorobenzene	8.917	112	415238	9.345	ppbv		100
58)	Ethyl Benzene	9.348	91	764249	9.562	ppbv		100
59)	m/p-Xylene	9.526	91	1192566m	18.913	ppbv		
60)	o-Xylene	9.959	91	594329	9.437	ppbv		100
61)	Styrene	9.866	104	293111	9.840	ppbv		100
62)	Isopropylbenzene	10.536	105	877401	9.347	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.956	83	296678	8.963	ppbv		100
64)	n-propylbenzene	10.985	120	230432	9.394	ppbv		100
65)	tert-Butylbenzene	11.526	119	757958	9.078	ppbv		100
66)	Benzyl Chloride	11.610	91	94982	10.842	ppbv		100
67)	sec-Butylbenzene	11.762	105	1066409	9.166	ppbv		100
69)	p-Isopropyltoluene	11.921	119	903376	9.192	ppbv		100
70)	n-Butylbenzene	12.277	91	915624	9.543	ppbv		100
71)	2-Chlorotoluene	10.895	91	668239	9.428	ppbv		100
72)	4-Ethyltoluene	11.121	105	741298	9.398	ppbv		100
73)	1,3,5-Trimethylbenzene	11.199	105	614632	9.608	ppbv		100
74)	1,2,4-Trimethylbenzene	11.532	105	656535	9.294	ppbv		100
75)	1,3-Dichlorobenzene	11.604	146	411473	9.392	ppbv		100
76)	1,4-Dichlorobenzene	11.668	146	411464	9.456	ppbv		100
77)	1,2-Dichlorobenzene	11.944	146	387219	9.289	ppbv		100
78)	Hexachloro-1,3-Butadiene	13.876	225	280080	8.591	ppbv		100
79)	Naphthalene	13.510	128	668171	10.696	ppbv		100
80)	Naphthalene,2-methyl-	14.452	142	195695	10.142	ppbv		100
81)	1,2,4-Trichlorobenzene	13.436	180	349393	10.461	ppbv		100

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

Quantitation Report (QT Reviewed)

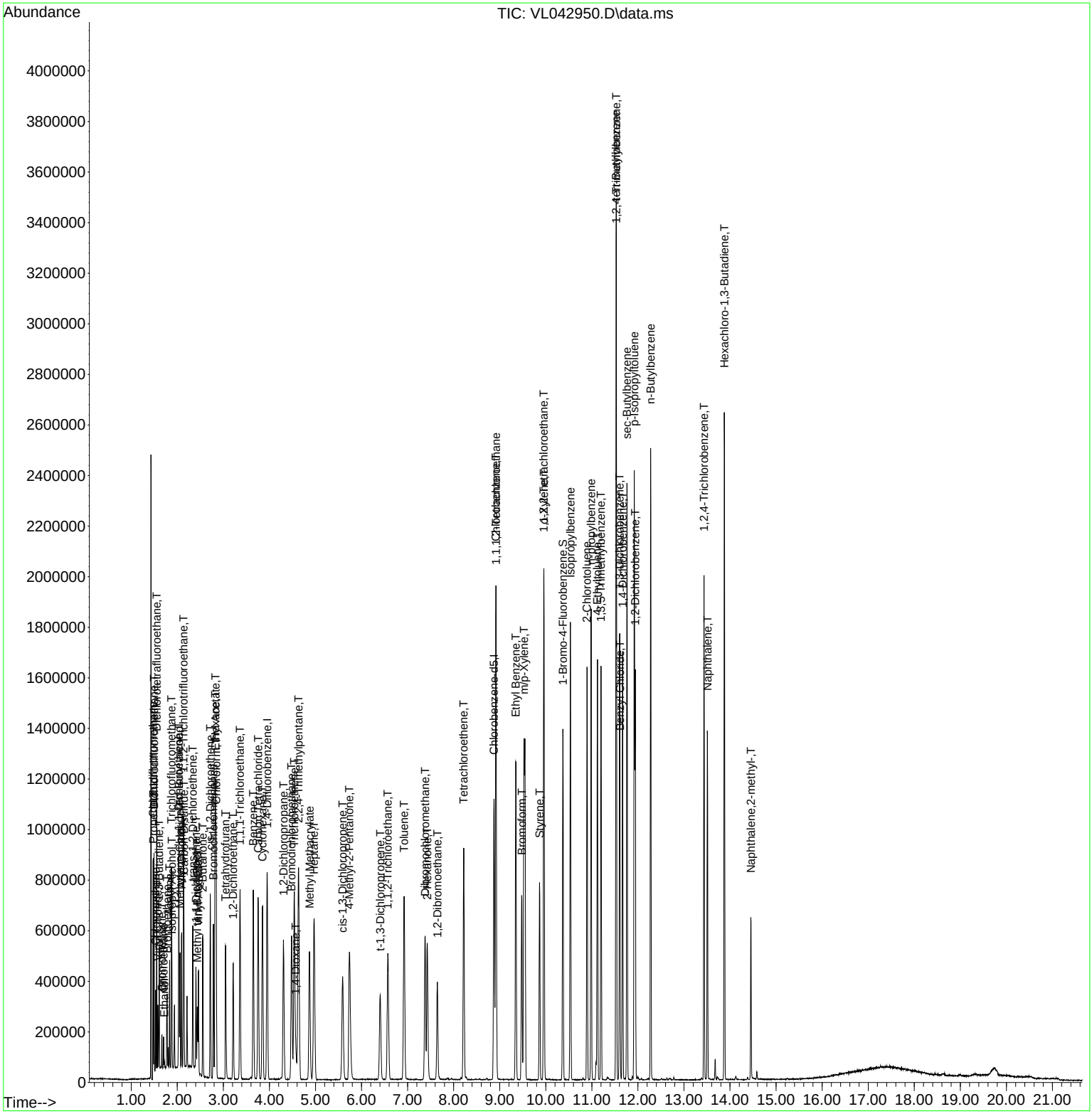
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



QC SAMPLE DATA

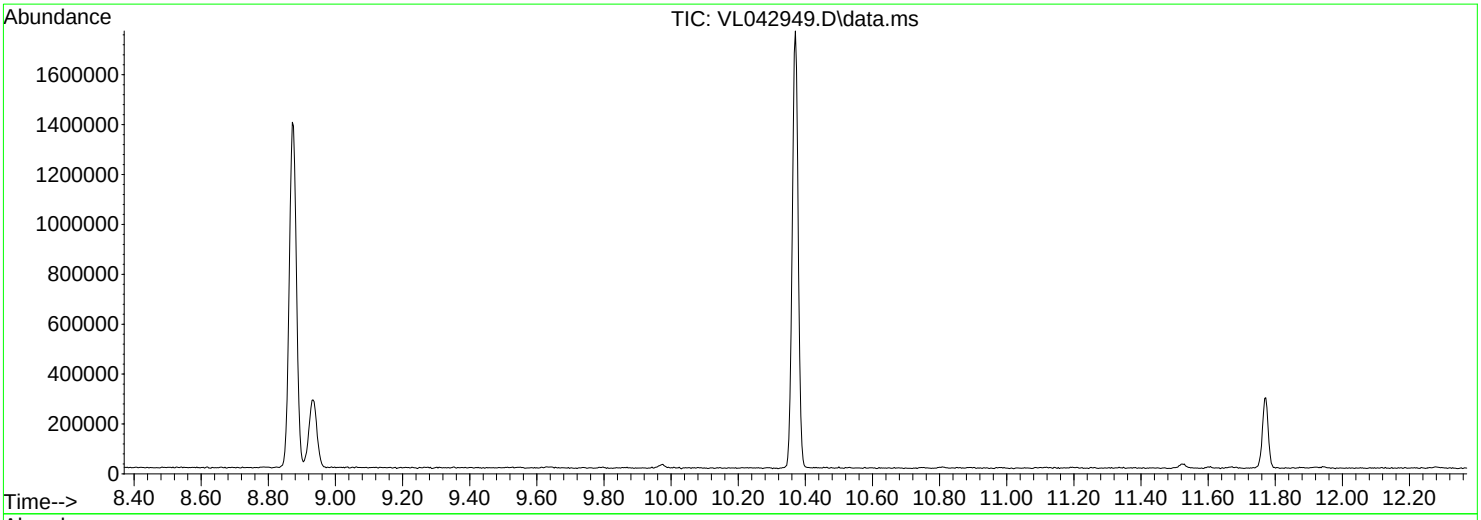
BFB

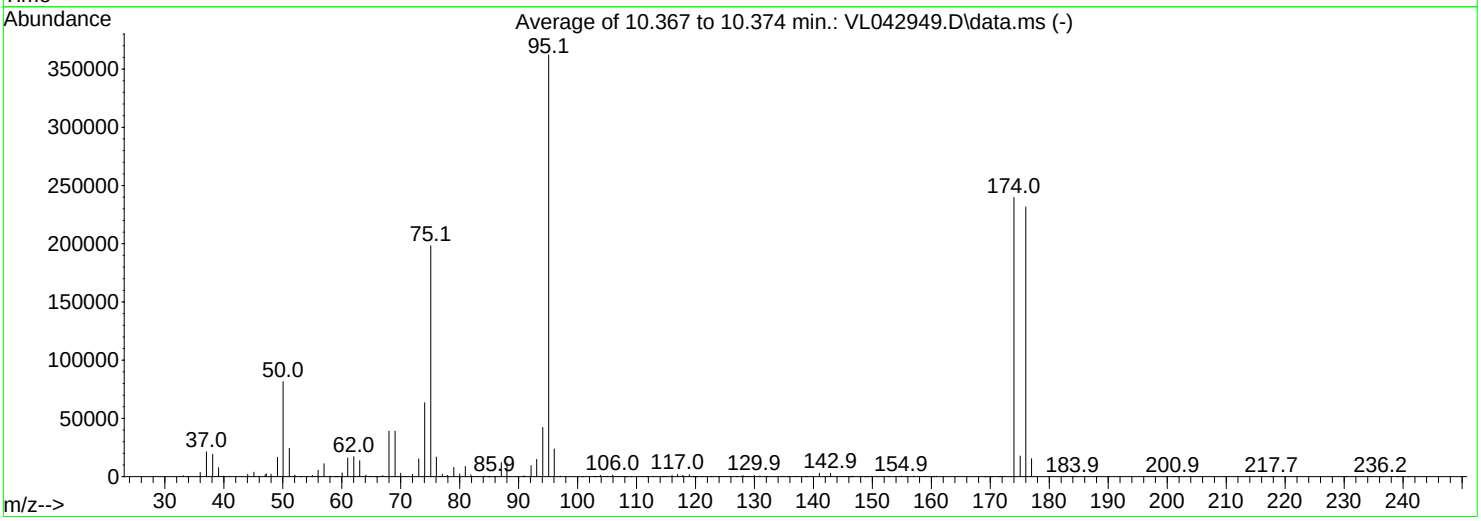
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042949.D
Acq On : 22 Sep 2025 08:55
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 23 02:39:16 2025





AutoFind: Scans 3176, 3177, 3178; Background Corrected with Scan 3156

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.5	81605	PASS
75	95	30	66	54.7	198315	PASS
95	95	100	100	100.0	362228	PASS
96	95	5	9	6.6	23817	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	66.2	239765	PASS
175	174	4	9	7.4	17693	PASS
176	174	93	101	96.6	231701	PASS
177	176	5	9	6.6	15367	PASS

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
33.10	843	45.85	253	56.00	5545	65.80	3
33.75	52	47.00	1694	57.00	11198	66.40	12
36.00	3748	47.20	2450	58.05	458	66.95	97
37.05	21251	48.00	2247	58.80	12	68.00	3914
38.10	19194	49.10	16630	59.20	54	69.05	39122
39.10	7706	50.05	81605	60.05	3370	70.00	3041
40.00	611	51.10	24305	61.00	16140	70.85	223
41.00	212	52.05	1353	62.05	17219	72.00	2035
43.05	136	53.00	72	63.05	13691	73.05	15293
44.05	2095	54.20	86	64.10	1359	74.05	63454
45.10	3798	55.00	1059	64.85	245	75.10	198315

Instrument :
MSVOA_L
ClientSampleId :
BFB

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
76.05	16800	85.90	337	97.05	420	109.05	56
77.05	2059	87.05	12149	98.00	81	110.00	192
77.95	1179	88.00	11664	100.75	61	110.90	139
79.00	8035	89.80	31	102.65	97	111.15	198
80.00	2335	90.80	359	103.00	49	111.70	49
80.95	8798	91.00	622	103.85	1171	111.85	96
81.90	1684	92.10	9517	104.80	150	112.85	303
82.95	138	93.05	14816	105.00	378	114.50	70
84.15	388	94.10	42269	105.95	1346	114.90	157
84.80	17	95.10	362228	106.95	255	115.05	161
85.05	75	96.05	23817	108.20	73	116.00	1147

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.95	1950	124.00	19	132.10	39	139.90	323
117.85	1188	124.95	84	134.00	140	141.00	2899
118.95	1697	125.85	229	134.50	114	141.95	349
119.60	51	126.95	77	134.85	336	142.90	2933
120.00	53	127.80	315	135.10	170	144.05	151
120.20	61	127.90	464	135.60	42	144.85	287
121.05	57	128.05	783	135.85	51	145.60	121
121.95	99	128.80	273	136.90	259	145.95	217
122.60	27	129.10	152	137.10	199	146.20	56
123.00	155	129.95	1180	138.70	60	146.50	40
123.80	97	130.90	521	139.00	86	146.80	278

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
147.90	407	155.70	50	170.40	165	190.00	32
148.10	181	156.05	156	171.30	71	200.95	53
148.70	34	156.90	168	171.75	267	201.80	37
148.95	87	157.05	367	172.05	48	217.70	32
149.20	38	158.80	225	174.00	239765	230.30	17
149.90	259	159.00	184	175.05	17693	236.20	53
152.00	157	160.30	45	176.00	231701	239.00	24
152.85	262	160.90	377	177.00	15367	240.80	20
154.00	172	169.10	53	178.00	351		
154.60	207	169.40	85	183.95	49		
154.90	569	170.10	37	188.00	21		

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	157 jericho turnpike mineola ny	Date Received:	
Client Sample ID:	VL0922ABL01	SDG No.:	Q3112
Lab Sample ID:	VL0922ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042958.D	1		09/22/25 15:06	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.080	
142-82-5	Heptane	0.17	0.70	U	0.70	2.05	
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98	
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16	
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	0.65	2.34	
71-43-2	Benzene	0.080	0.26	U	0.26	1.60	
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	
108-88-3	Toluene	0.16	0.60	U	0.60	1.88	
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	
100-41-4	Ethyl Benzene	0.19	0.83	U	0.83	2.17	
179601-23-1	m/p-Xylene	0.41	1.78	U	1.78	4.34	
95-47-6	o-Xylene	0.21	0.91	U	0.91	2.17	
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	0.88	2.46	
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	0.88	2.46	
91-20-3	Naphthalene	0.010	0.050	U	0.050	0.52	
110-54-3	Hexane	0.16	0.56	U	0.56	1.76	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	157000		2.787			
540-36-3	1,4-Difluorobenzene	497000		3.959			
3114-55-4	Chlorobenzene-d5	444000		8.882			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042958.D
Acq On : 22 Sep 2025 15:06
Operator : SY/MD
Sample : VL0922ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Quant Time: Sep 23 02:50:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

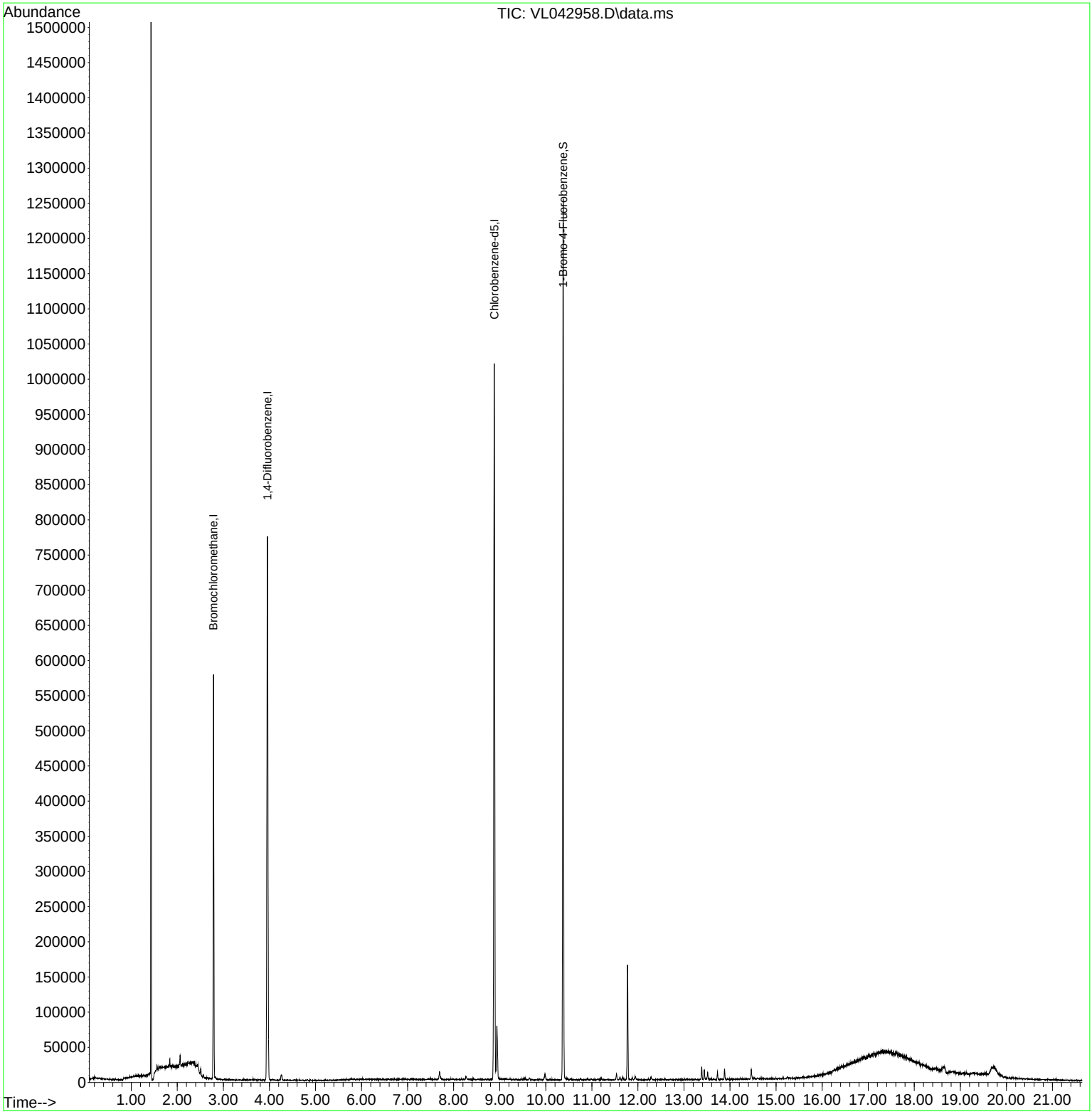
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	157278	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	497068	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	444461	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	332703	10.028	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue

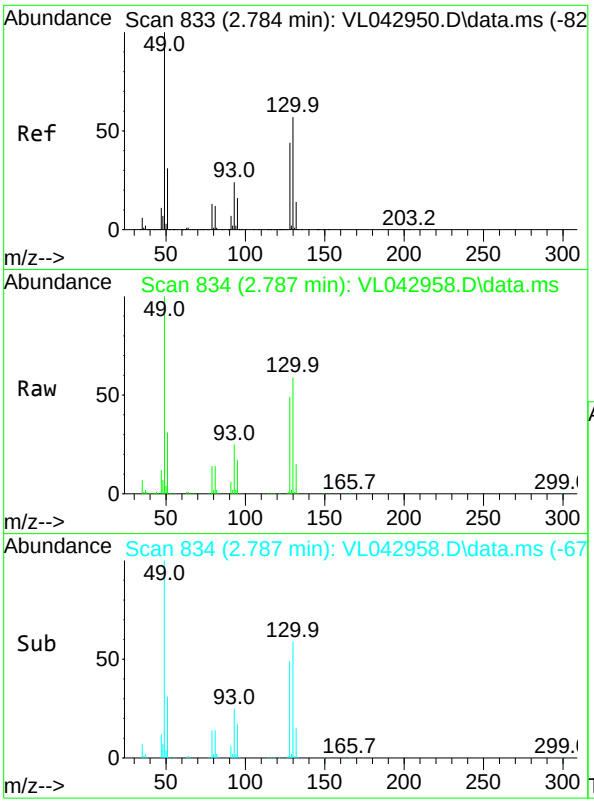
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042958.D
Acq On : 22 Sep 2025 15:06
Operator : SY/MD
Sample : VL0922ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Quant Time: Sep 23 02:50:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



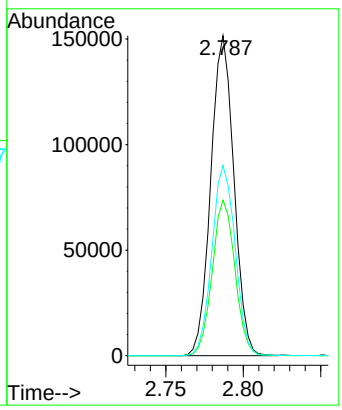


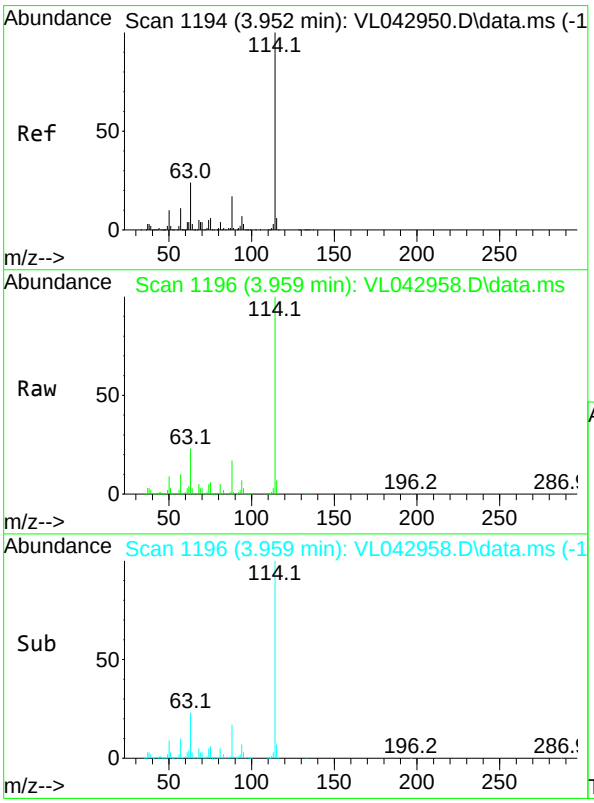
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Tgt Ion: 49 Resp: 157278

Ion	Ratio	Lower	Upper
49	100		
128	48.0	22.9	68.8
130	60.1	29.1	87.3

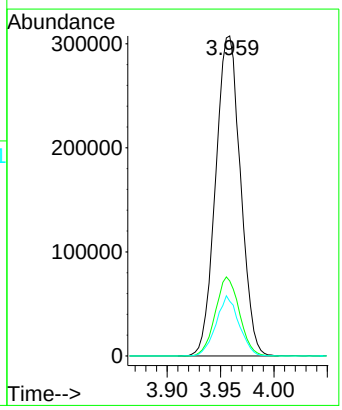


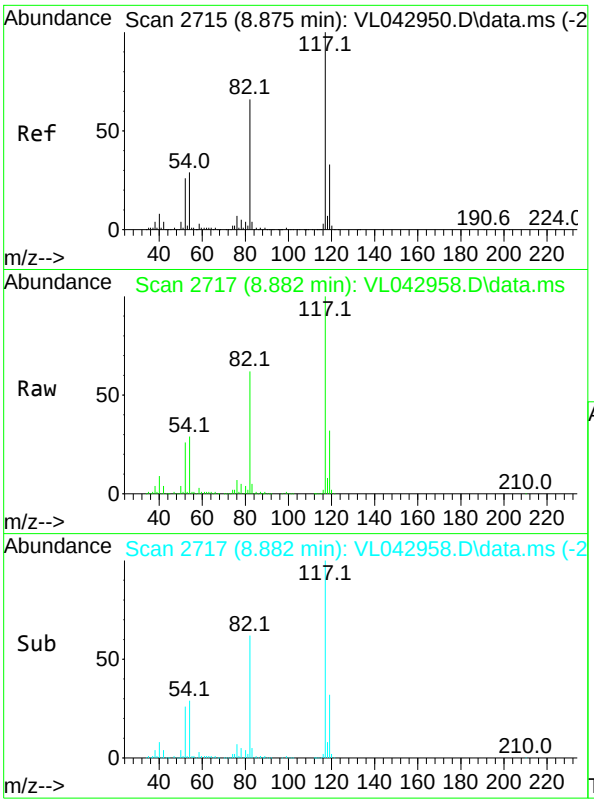


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Tgt Ion:114 Resp: 497068

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.3	14.2	21.2



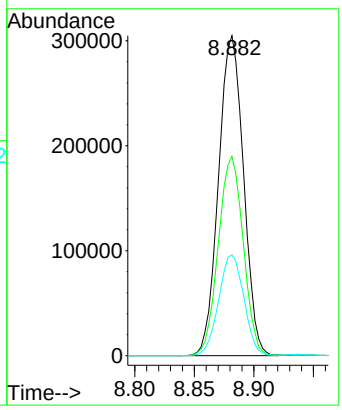


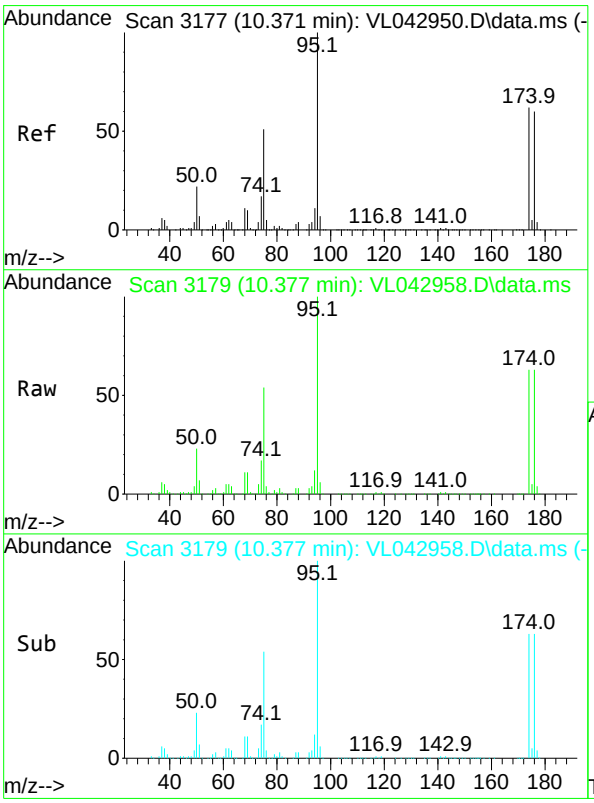
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Tgt Ion:117 Resp: 444461

Ion	Ratio	Lower	Upper
117	100		
82	62.4	52.8	79.2
119	31.8	26.5	39.7

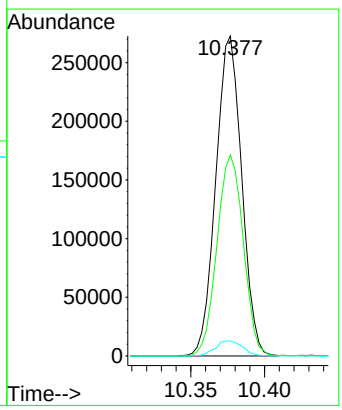




#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Tgt Ion: 95 Resp: 332703

Ion	Ratio	Lower	Upper
95	100		
174	64.0	51.4	77.2
175	5.0	4.0	6.0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	157 jericho turnpike mineola ny	Date Received:	
Client Sample ID:	VL0922ABS01	SDG No.:	Q3112
Lab Sample ID:	VL0922ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group2
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042959.D	1		09/22/25 15:52	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3	
TARGETS							
75-01-4	Vinyl Chloride	8.40	21.5		0.080	0.080	
142-82-5	Heptane	9.00	36.9		0.70	2.05	
75-34-3	1,1-Dichloroethane	9.00	36.4		0.53	2.02	
110-82-7	Cyclohexane	9.30	32.0		0.76	1.72	
156-59-2	cis-1,2-Dichloroethene	9.30	36.9		0.40	1.98	
71-55-6	1,1,1-Trichloroethane	9.00	49.1		0.11	0.16	
540-84-1	2,2,4-Trimethylpentane	9.40	43.9		0.65	2.34	
71-43-2	Benzene	9.60	30.7		0.26	1.60	
79-01-6	Trichloroethene	9.20	49.4		0.11	0.16	
108-88-3	Toluene	9.50	35.8		0.60	1.88	
127-18-4	Tetrachloroethene	8.70	59.0		0.14	0.20	
100-41-4	Ethyl Benzene	9.50	41.3		0.83	2.17	
179601-23-1	m/p-Xylene	18.9	82.1		1.78	4.34	
95-47-6	o-Xylene	9.40	40.8		0.91	2.17	
108-67-8	1,3,5-Trimethylbenzene	9.50	46.7		0.88	2.46	
95-63-6	1,2,4-Trimethylbenzene	9.30	45.7		0.88	2.46	
91-20-3	Naphthalene	10.3	54.0		0.050	0.52	
110-54-3	Hexane	9.10	32.1		0.56	1.76	
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	158000		2.787			
540-36-3	1,4-Difluorobenzene	476000		3.959			
3114-55-4	Chlorobenzene-d5	440000		8.882			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042959.D
Acq On : 22 Sep 2025 15:52
Operator : SY/MD
Sample : VL0922ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:50:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	157611	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	475789	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	440323	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	329520	10.025	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	196098	9.250	ppbv	98
3) Chlorodifluoromethane	1.476	51	241019	9.122	ppbv	98
4) Chloromethane	1.531	50	83097	8.660	ppbv	99
5) Vinyl Chloride	1.580	62	72910	8.405	ppbv	100
6) Bromomethane	1.667	94	25316	8.274	ppbv	96
7) Chloroethane	1.703	64	29696	8.816	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	162369	8.972	ppbv	99
9) Propene	1.483	41	99904	8.692	ppbv	96
10) Heptane	4.978	43	277314	9.040	ppbv	98
11) Trichlorofluoromethane	1.878	101	186968	9.147	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	149089	9.007	ppbv	98
13) Ethanol	1.719	45	7189	6.447	ppbv	97
14) Bromoethene	1.781	108	55444	8.860	ppbv	99
15) Acetone	1.836	43	151513	7.381	ppbv	98
16) 1,3-Butadiene	1.609	39	78310	8.087	ppbv	100
17) tert-Butyl alcohol	2.040	59	202608	8.999	ppbv	100
18) 1,1-Dichloroethene	2.033	96	68641	8.959	ppbv	98
19) Isopropyl Alcohol	1.884	45	106256	8.610	ppbv	100
20) Methylene Chloride	2.062	84	60096	9.806	ppbv	97
21) Allyl Chloride	2.095	41	129200	9.037	ppbv	99
22) trans-1,2-Dichloroethene	2.341	96	77254	8.874	ppbv	100
23) Vinyl Acetate	2.464	43	248190	8.463	ppbv	99
24) 1,1-Dichloroethane	2.409	63	154444	9.046	ppbv	99
25) Ethyl Acetate	2.833	43	477860	9.210	ppbv	99
26) Hexane	2.826	57	215902	9.129	ppbv	98
27) Carbon Disulfide	2.150	76	187493	8.839	ppbv	99
28) Methyl tert-Butyl Ether	2.438	73	95760	7.790	ppbv	99
29) Chloroform	2.849	83	295049	9.541	ppbv	99
30) Cyclohexane	3.855	84	184610	9.336	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	206747	9.332	ppbv	99
32) 1,1,1-Trichloroethane	3.367	97	301400	9.024	ppbv	99
34) 2-Butanone	2.557	43	308258	9.245	ppbv	99
35) Carbon Tetrachloride	3.762	117	299002	9.653	ppbv	98
36) Benzene	3.655	78	427346	9.565	ppbv	99
37) 1,2-Dichloroethane	3.218	62	233446	9.935	ppbv	99
38) Trichloroethene	4.548	130	204031	9.189	ppbv	96
39) 1,2-Dichloropropane	4.315	63	157775	9.673	ppbv	98
40) 1,4-Dioxane	4.584	88	70833	9.339	ppbv #	95
41) Tetrahydrofuran	3.053	42	177879	9.281	ppbv	99
42) Bromodichloromethane	4.490	83	324757	9.924	ppbv	94
43) Methyl Methacrylate	4.878	69	169093	9.250	ppbv	99
44) 2,2,4-Trimethylpentane	4.639	57	725943	9.407	ppbv	100
45) t-1,3-Dichloropropene	6.412	75	185943	9.538	ppbv	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042959.D
Acq On : 22 Sep 2025 15:52
Operator : SY/MD
Sample : VL0922ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:50:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	5.603	75	240185	9.667	ppbv	98
47)	1,1,2-Trichloroethane	6.581	97	165106	9.580	ppbv	97
48)	Dibromochloromethane	7.387	129	275781	10.002	ppbv	99
49)	Bromoform	9.484	173	235060	9.800	ppbv	99
50)	4-Methyl-2-Pentanone	5.749	43	431031	9.645	ppbv	99
51)	2-Hexanone	7.435	43	343461	9.641	ppbv	100
52)	Tetrachloroethene	8.228	164	150483	8.705	ppbv	97
53)	Toluene	6.933	91	501548	9.484	ppbv	100
54)	1,2-Dibromoethane	7.652	107	235389	9.704	ppbv	100
56)	1,1,1,2-Tetrachloroethane	8.924	131	200560	9.516	ppbv	98
57)	Chlorobenzene	8.924	112	377524	9.392	ppbv	97
58)	Ethyl Benzene	9.354	91	686057	9.489	ppbv	99
59)	m/p-Xylene	9.532	91	1075186m	18.862	ppbv	
60)	o-Xylene	9.966	91	537008	9.426	ppbv	100
61)	Styrene	9.872	104	258756	9.602	ppbv	98
62)	Isopropylbenzene	10.539	105	787602	9.274	ppbv	99
63)	1,1,2,2-Tetrachloroethane	9.963	83	266223	8.890	ppbv	100
64)	n-propylbenzene	10.989	120	208358	9.389	ppbv	100
65)	tert-Butylbenzene	11.533	119	694033	9.188	ppbv	99
66)	Benzyl Chloride	11.617	91	64955	8.196	ppbv	99
67)	sec-Butylbenzene	11.769	105	974750	9.261	ppbv	99
69)	p-Isopropyltoluene	11.924	119	820532	9.229	ppbv	99
70)	n-Butylbenzene	12.280	91	818866	9.434	ppbv	100
71)	2-Chlorotoluene	10.902	91	598619	9.336	ppbv	100
72)	4-Ethyltoluene	11.125	105	665916	9.332	ppbv	100
73)	1,3,5-Trimethylbenzene	11.206	105	552039	9.539	ppbv	100
74)	1,2,4-Trimethylbenzene	11.536	105	592889	9.277	ppbv	95
75)	1,3-Dichlorobenzene	11.607	146	368544	9.299	ppbv	99
76)	1,4-Dichlorobenzene	11.672	146	369921	9.397	ppbv	99
77)	1,2-Dichlorobenzene	11.947	146	350261	9.288	ppbv	100
78)	Hexachloro-1,3-Butadiene	13.882	225	246743	8.366	ppbv	99
79)	Naphthalene	13.514	128	579760	10.259	ppbv	98
80)	Naphthalene,2-methyl-	14.455	142	167256	9.581	ppbv	98
81)	1,2,4-Trichlorobenzene	13.439	180	300876	9.958	ppbv	99

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

Quantitation Report (QT Reviewed)

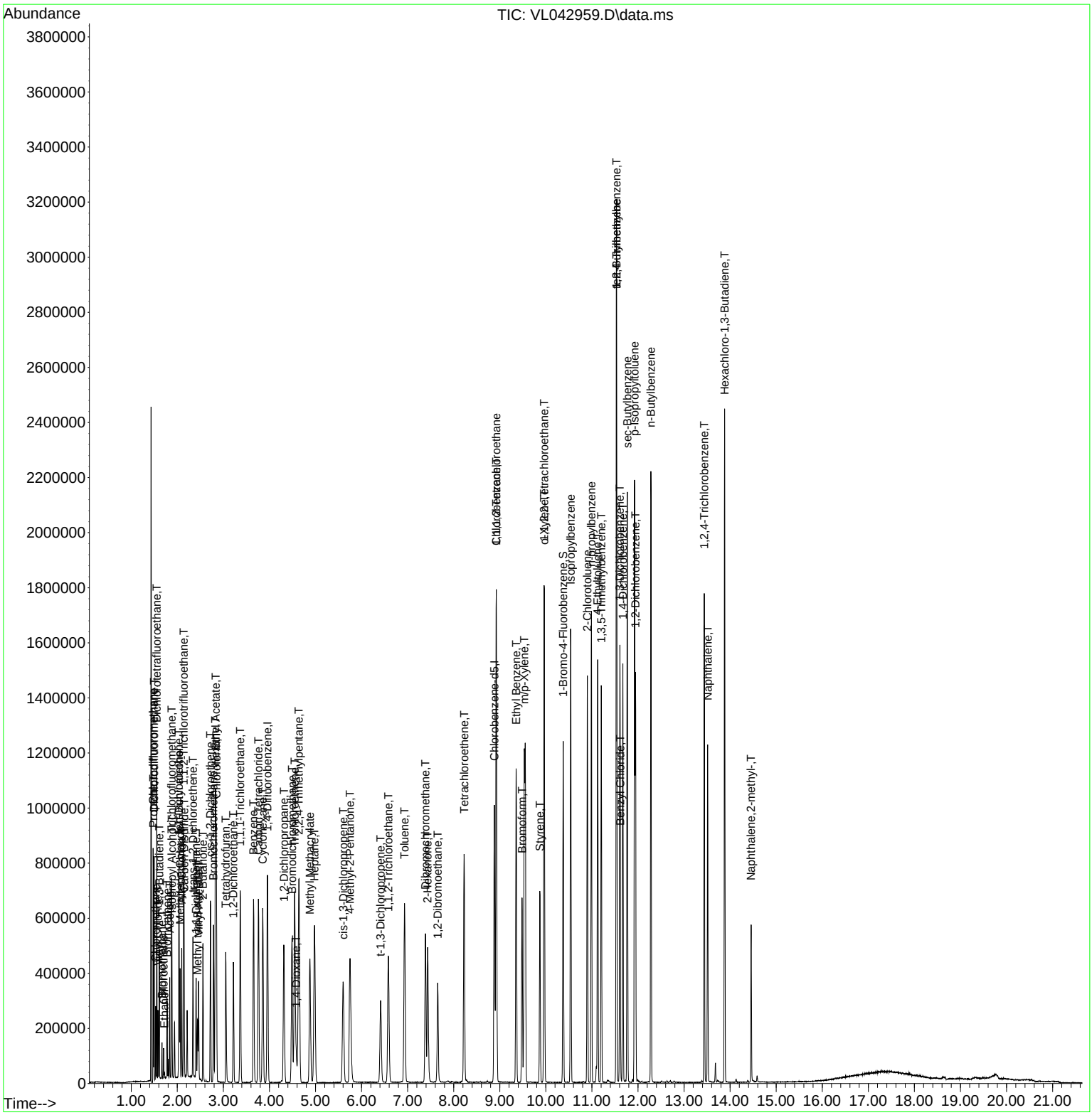
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042959.D
Acq On : 22 Sep 2025 15:52
Operator : SY/MD
Sample : VL0922ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:50:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VI092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042950.D	m/p-Xylene	sam	9/23/2025 10:01:03 AM	MMDadoda	9/24/2025 2:16:17 AM	Peak Integrated by Software
VSTDICC002	VL042951.D	1,1,2-Trichloroethane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software
VSTDICC002	VL042951.D	1,2-Dichloropropane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software
VSTDICC002	VL042951.D	1,4-Dioxane	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software
VSTDICC002	VL042951.D	4-Methyl-2-Pentanone	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software
VSTDICC002	VL042951.D	m/p-Xylene	sam	9/23/2025 10:01:08 AM	MMDadoda	9/24/2025 2:16:19 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	1,2-Dichloropropane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	1,4-Dioxane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	Bromodichloromethane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	Heptane	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	m/p-Xylene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software
VSTDICC001	VL042952.D	t-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDadoda	9/24/2025 2:16:21 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VI092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC0.5	VL042953.D	1,1,2-Trichloroethane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	1,4-Dioxane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	2,2,4-Trimethylpentane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	Benzyl Chloride	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	Ethanol	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	Heptane	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	m/p-Xylene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	Methyl Methacrylate	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	t-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	Tetrachloroethene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.5	VL042953.D	trans-1,2-Dichloroethene	sam	9/23/2025 10:02:11 AM	MMDadoda	9/24/2025 2:16:23 AM	Peak Integrated by Software
VSTDICC0.1	VL042954.D	1,2-Dibromoethane	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VI092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC0.1	VL042954.D	Carbon Tetrachloride	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software
VSTDICC0.1	VL042954.D	Naphthalene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software
VSTDICC0.1	VL042954.D	Tetrachloroethene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software
VSTDICC0.1	VL042954.D	Trichloroethene	sam	9/23/2025 10:02:56 AM	MMDadoda	9/24/2025 2:16:25 AM	Peak Integrated by Software
VSTDICC0.03	VL042955.D	1,1,1-Trichloroethane	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software
VSTDICC0.03	VL042955.D	1,1,2,2-Tetrachloroethane	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software
VSTDICC0.03	VL042955.D	Carbon Tetrachloride	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software
VSTDICC0.03	VL042955.D	Tetrachloroethene	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software
VSTDICC0.03	VL042955.D	Trichloroethene	sam	9/23/2025 10:01:57 AM	MMDadoda	9/24/2025 2:16:26 AM	Peak Integrated by Software
VSTDICC015	VL042956.D	m/p-Xylene	sam	9/23/2025 10:01:19 AM	MMDadoda	9/24/2025 2:16:27 AM	Peak Integrated by Software
VSTDICV010	VL042957.D	m/p-Xylene	sam	9/23/2025 10:01:52 AM	MMDadoda	9/24/2025 2:16:29 AM	Peak Integrated by Software
VL0922ABS01	VL042959.D	m/p-Xylene	sam	9/23/2025 10:01:29 AM	MMDadoda	9/24/2025 2:16:44 AM	Peak Integrated by Software
Q3112-01	VL042962.D	Chlorodifluoromethane	sam	9/23/2025 10:01:47 AM	MMDadoda	9/24/2025 2:16:48 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VI092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3112-01	VL042962.D	Cyclohexane	sam	9/23/2025 10:01:47 AM	MMDadoda	9/24/2025 2:16:48 AM	Peak Integrated by Software
Q3112-01	VL042962.D	Isopropyl Alcohol	sam	9/23/2025 10:01:47 AM	MMDadoda	9/24/2025 2:16:48 AM	Peak Integrated by Software
Q3112-01	VL042962.D	Tetrachloroethene	sam	9/23/2025 10:01:47 AM	MMDadoda	9/24/2025 2:16:48 AM	Peak Integrated by Software
Q3112-02	VL042964.D	2-Butanone	sam	9/23/2025 10:02:24 AM	MMDadoda	9/24/2025 2:16:52 AM	Peak Integrated by Software
Q3112-02	VL042964.D	Propene	sam	9/23/2025 10:02:24 AM	MMDadoda	9/24/2025 2:16:52 AM	Peak Integrated by Software
Q3112-03	VL042966.D	Heptane	sam	9/23/2025 10:02:20 AM	MMDadoda	9/24/2025 2:17:09 AM	Peak Integrated by Software
Q3130-02DUP	VL042970.D	2,2,4-Trimethylpentane	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software
Q3130-02DUP	VL042970.D	Carbon Tetrachloride	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software
Q3130-02DUP	VL042970.D	m/p-Xylene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software
Q3130-02DUP	VL042970.D	Propene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software
Q3130-02DUP	VL042970.D	Tetrachloroethene	sam	9/23/2025 10:03:16 AM	MMDadoda	9/24/2025 2:17:13 AM	Peak Integrated by Software

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042949.D	22 Sep 2025 08:55	SY/MD	Ok
2	VSTDICCC010	VL042950.D	22 Sep 2025 09:39	SY/MD	Ok,M
3	VSTDICC002	VL042951.D	22 Sep 2025 10:14	SY/MD	Ok,M
4	VSTDICC001	VL042952.D	22 Sep 2025 10:48	SY/MD	Ok,M
5	VSTDICC0.5	VL042953.D	22 Sep 2025 11:22	SY/MD	Ok,M
6	VSTDICC0.1	VL042954.D	22 Sep 2025 11:56	SY/MD	Ok,M
7	VSTDICC0.03	VL042955.D	22 Sep 2025 12:30	SY/MD	Ok,M
8	VSTDICC015	VL042956.D	22 Sep 2025 13:05	SY/MD	Ok,M
9	VSTDICV010	VL042957.D	22 Sep 2025 14:15	SY/MD	Ok,M
10	VL0922ABL01	VL042958.D	22 Sep 2025 15:06	SY/MD	Ok
11	VL0922ABS01	VL042959.D	22 Sep 2025 15:52	SY/MD	Ok,M
12	Q3111-01	VL042960.D	22 Sep 2025 16:53	SY/MD	Dilution
13	Q3111-01DL	VL042961.D	22 Sep 2025 17:28	SY/MD	Ok,M
14	Q3112-01	VL042962.D	22 Sep 2025 18:04	SY/MD	Ok,M
15	Q3112-01DL	VL042963.D	22 Sep 2025 18:39	SY/MD	Not Ok
16	Q3112-02	VL042964.D	22 Sep 2025 19:14	SY/MD	Dilution
17	Q3112-02DL	VL042965.D	22 Sep 2025 19:49	SY/MD	Ok
18	Q3112-03	VL042966.D	22 Sep 2025 20:24	SY/MD	Ok,M
19	Q3112-03DL	VL042967.D	22 Sep 2025 20:59	SY/MD	Not Ok
20	VIBLK	VL042968.D	22 Sep 2025 21:35	SY/MD	Ok
21	Q3130-02	VL042969.D	22 Sep 2025 22:11	SY/MD	Ok,M

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3130-02DUP	VL042970.D	22 Sep 2025 22:48	SY/MD	Ok,M
23	Q3130-02DL	VL042971.D	22 Sep 2025 23:23	SY/MD	Not Ok
24	Q3130-01	VL042972.D	23 Sep 2025 00:00	SY/MD	Ok,M
25	Q3130-01DL	VL042973.D	23 Sep 2025 00:35	SY/MD	Not Ok
26	Q3131-01	VL042974.D	23 Sep 2025 01:11	SY/MD	Dilution
27	Q3131-01DL	VL042975.D	23 Sep 2025 01:46	SY/MD	Ok,M
28	Q3131-02	VL042976.D	23 Sep 2025 02:22	SY/MD	Dilution
29	Q3131-02DL	VL042977.D	23 Sep 2025 02:57	SY/MD	Ok,M
30	Q3132-01	VL042978.D	23 Sep 2025 03:33	SY/MD	Dilution
31	Q3132-01DL	VL042979.D	23 Sep 2025 04:08	SY/MD	Ok,M
32	Q3132-02	VL042980.D	23 Sep 2025 04:44	SY/MD	Ok,M
33	Q3132-02DL	VL042981.D	23 Sep 2025 05:19	SY/MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VL042949.D	22 Sep 2025 08:55		SY/MD	Ok
2	VSTDICCC010	VSTDICCC010	VL042950.D	22 Sep 2025 09:39		SY/MD	Ok,M
3	VSTDICC002	VSTDICC002	VL042951.D	22 Sep 2025 10:14	LR-20	SY/MD	Ok,M
4	VSTDICC001	VSTDICC001	VL042952.D	22 Sep 2025 10:48		SY/MD	Ok,M
5	VSTDICC0.5	VSTDICC0.5	VL042953.D	22 Sep 2025 11:22		SY/MD	Ok,M
6	VSTDICC0.1	VSTDICC0.1	VL042954.D	22 Sep 2025 11:56		SY/MD	Ok,M
7	VSTDICC0.03	VSTDICC0.03	VL042955.D	22 Sep 2025 12:30		SY/MD	Ok,M
8	VSTDICC015	VSTDICC015	VL042956.D	22 Sep 2025 13:05		SY/MD	Ok,M
9	VSTDICV010	ICVVL092225	VL042957.D	22 Sep 2025 14:15	ICV failed for com.#13	SY/MD	Ok,M
10	VL0922ABL01	VL0922ABL01	VL042958.D	22 Sep 2025 15:06		SY/MD	Ok
11	VL0922ABS01	VL0922ABS01	VL042959.D	22 Sep 2025 15:52		SY/MD	Ok,M
12	Q3111-01	SV1	VL042960.D	22 Sep 2025 16:53	Need 40X	SY/MD	Dilution
13	Q3111-01DL	SV1DL	VL042961.D	22 Sep 2025 17:28		SY/MD	Ok,M
14	Q3112-01	SV1	VL042962.D	22 Sep 2025 18:04		SY/MD	Ok,M
15	Q3112-01DL	SV1DL	VL042963.D	22 Sep 2025 18:39	Not Required	SY/MD	Not Ok
16	Q3112-02	SV2	VL042964.D	22 Sep 2025 19:14	Need 40X	SY/MD	Dilution
17	Q3112-02DL	SV2DL	VL042965.D	22 Sep 2025 19:49		SY/MD	Ok
18	Q3112-03	SV3	VL042966.D	22 Sep 2025 20:24		SY/MD	Ok,M

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3112-03DL	SV3DL	VL042967.D	22 Sep 2025 20:59	Not Required	SY/MD	Not Ok
20	VIBLK	VIBLK	VL042968.D	22 Sep 2025 21:35		SY/MD	Ok
21	Q3130-02	131-1A-2	VL042969.D	22 Sep 2025 22:11		SY/MD	Ok,M
22	Q3130-02DUP	131-1A-2DUP	VL042970.D	22 Sep 2025 22:48		SY/MD	Ok,M
23	Q3130-02DL	131-1A-2DL	VL042971.D	22 Sep 2025 23:23	Not Required	SY/MD	Not Ok
24	Q3130-01	131-1A-1	VL042972.D	23 Sep 2025 00:00		SY/MD	Ok,M
25	Q3130-01DL	131-1A-1DL	VL042973.D	23 Sep 2025 00:35	Not Required	SY/MD	Not Ok
26	Q3131-01	141-1A-1	VL042974.D	23 Sep 2025 01:11	Need 10X	SY/MD	Dilution
27	Q3131-01DL	141-1A-1DL	VL042975.D	23 Sep 2025 01:46		SY/MD	Ok,M
28	Q3131-02	141-1A-2	VL042976.D	23 Sep 2025 02:22	Need 10X	SY/MD	Dilution
29	Q3131-02DL	141-1A-2DL	VL042977.D	23 Sep 2025 02:57		SY/MD	Ok,M
30	Q3132-01	151-1A-1	VL042978.D	23 Sep 2025 03:33	Need 10X	SY/MD	Dilution
31	Q3132-01DL	151-1A-1DL	VL042979.D	23 Sep 2025 04:08		SY/MD	Ok,M
32	Q3132-02	151-1A-2	VL042980.D	23 Sep 2025 04:44		SY/MD	Ok,M
33	Q3132-02DL	151-1A-2DL	VL042981.D	23 Sep 2025 05:19	Not Required	SY/MD	Not Ok

M : Manual Integration