SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

Alliance Project No. : 2 2943

Client Contact Information	Bottle Order ID : **B2508025**	Courier : F GALDUN	1 of 1 COCs
Client ID : **GFEL01** Project ID : ~~739 Nostrand Ave, Brooklyn, NY~~		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: 233 FLORIDA ST. ELIZABETH, NJ	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
SV1	8/22/25	8:30	10:30	OVER 30	6.5	68	68	-30	-3.5	10767	10060	6 L	50	VL042829.D	1		1

Temperature (Fahrenheit)				
	Ambient	Maximum	Minimum	
Start				
Stop				

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.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: (High) Medium Low PID Readings: 50

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:		Date/Time: 8/13/25	Canisters Received by:	Date/Time:	
Samples Relinquished by:		Date/Time: 8/22/25	Received by:	Date/Time: 8.22.25	1147
Relinquished by:		Date/Time:	Received by:	Date/Time:	

B2508025 - 2

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

DEP-077
Rev. 3/04

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	Location: 284 Sheffield Street, Mountainside, NJ 7092
~~NAME~~:	Title: Sample Custodian
Field Sample Seal No.: Q2943	Date Broken: 8/22/2025 Military Time Seal Broken: 11:47:00
Case No.: 233 FLORIDA ST ELIZABET	Analytical Parameter/Fraction: TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q2943-01	SV1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
8/22/25	13:00	Signature: [signature]	Signature: [signature]	AIR LAB
		Printed Name: Osmanova Renc	Printed Name: JC Hill	
		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:	Q2943	**OrderDate:**	8/22/2025 12:26:00 PM
Client:	GFE LLC	**Project:**	233 FLORIDA ST ELIZABETH NJ
Contact:	Frank Galdun	**Location:**	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2943-01	**SV1**	**Air**			**08/22/25**			**08/22/25**
			TO-15	TO-15			08/26/25	
Q2943-01DL	**SV1DL**	**Air**			**08/22/25**			**08/22/25**
			TO-15	TO-15			08/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2943

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SV1**							
Q2943-01	SV1	Air	Dichlorodifluoromethane	2.52	J	2.18	9.89	ug/m3
Q2943-01	SV1	Air	tert-Butyl alcohol	5.76	J	1.94	6.06	ug/m3
Q2943-01	SV1	Air	Heptane	4.92	J	2.79	8.20	ug/m3
Q2943-01	SV1	Air	Acetone	172	E	1.71	4.75	ug/m3
Q2943-01	SV1	Air	Methylene Chloride	4.52	J	3.20	6.95	ug/m3
Q2943-01	SV1	Air	2-Butanone	4.72	J	0.65	5.90	ug/m3
Q2943-01	SV1	Air	Chloroform	6.35	J	1.86	9.77	ug/m3
Q2943-01	SV1	Air	1,1,1-Trichloroethane	2.07		0.33	0.65	ug/m3
Q2943-01	SV1	Air	Benzene	2.62	J	1.02	6.39	ug/m3
Q2943-01	SV1	Air	Toluene	18.8		2.41	7.54	ug/m3
Q2943-01	SV1	Air	Tetrachloroethene	6.78		0.41	0.81	ug/m3
Q2943-01	SV1	Air	Ethyl Benzene	48.2		3.30	8.69	ug/m3
Q2943-01	SV1	Air	m/p-Xylene	16.9	J	6.95	17.4	ug/m3
Q2943-01	SV1	Air	o-Xylene	8.69		3.65	8.69	ug/m3
Q2943-01	SV1	Air	Styrene	468	E	2.72	8.52	ug/m3
Q2943-01	SV1	Air	1,2,4-Trimethylbenzene	6.88	J	3.54	9.83	ug/m3
Q2943-01	SV1	Air	Hexane	20.8		2.26	7.05	ug/m3
			Total Voc :	801				
			Total Concentration:	801				
Client ID:	**SV1DL**							
Q2943-01DL	SV1DL	Air	tert-Butyl alcohol	6.67	JD	4.85	15.2	ug/m3
Q2943-01DL	SV1DL	Air	Acetone	205	D	4.28	11.9	ug/m3
Q2943-01DL	SV1DL	Air	Methylene Chloride	9.03	JD	7.99	17.4	ug/m3
Q2943-01DL	SV1DL	Air	2-Butanone	5.60	JD	1.65	14.8	ug/m3
Q2943-01DL	SV1DL	Air	Chloroform	7.33	JD	4.69	24.4	ug/m3
Q2943-01DL	SV1DL	Air	1,1,1-Trichloroethane	2.56	D	0.87	1.64	ug/m3
Q2943-01DL	SV1DL	Air	Toluene	17.3	JD	6.03	18.8	ug/m3
Q2943-01DL	SV1DL	Air	Tetrachloroethene	6.37	D	1.02	2.03	ug/m3
Q2943-01DL	SV1DL	Air	Ethyl Benzene	44.3	D	8.25	21.7	ug/m3
Q2943-01DL	SV1DL	Air	Styrene	468	D	6.81	21.3	ug/m3
Q2943-01DL	SV1DL	Air	Hexane	21.1	D	5.64	17.6	ug/m3
			Total Voc :	794				
			Total Concentration:	794				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2943

Client: GFE LLC

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2943-01	SV1	1-Bromo-4-Fluorobenzene	10	10.5	105		65	135
Q2943-01DL	SV1DL	1-Bromo-4-Fluorobenzene	10	10.6	106		65	135
Q2943-01DUP	SV1DUP	1-Bromo-4-Fluorobenzene	10	10.3	103		65	135
VL0826ABL01	VL0826ABL01	1-Bromo-4-Fluorobenzene	10	10.2	102		65	135
VL0826ABS01	VL0826ABS01	1-Bromo-4-Fluorobenzene	10	10.5	105		65	135

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2943**	**Analytical Method:**	**SWTO-15**
Client:	**GFE LLC**	**Datafile :**	VL042882.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0826ABS01	Dichlorodifluoromethane	10	10.2	ppbv	102			70	130	
	Chloromethane	10	9.60	ppbv	96			70	130	
	Vinyl Chloride	10	9.10	ppbv	91			70	130	
	Bromomethane	10	9.30	ppbv	93			70	130	
	Chloroethane	10	9.20	ppbv	92			70	130	
	Tetrahydrofuran	10	10.7	ppbv	107			70	130	
	Trichlorofluoromethane	10	10.0	ppbv	100			70	130	
	1,1,2-Trichlorotrifluoroethane	10	9.80	ppbv	98			70	130	
	Dichlorotetrafluoethane	10	10.2	ppbv	102			70	130	
	tert-Butyl Alcohol	10	8.50	ppbv	85			70	130	
	Heptane	10	9.40	ppbv	94			70	130	
	1,1-Dichloroethene	10	10.1	ppbv	101			70	130	
	Acetone	10	8.20	ppbv	82			70	130	
	Carbon disulfide	10	9.90	ppbv	99			70	130	
	Methyl tert-butyl Ether	10	8.90	ppbv	89			70	130	
	Methylene Chloride	10	7.80	ppbv	78			70	130	
	trans-1,2-Dichloroethene	10	9.90	ppbv	99			70	130	
	1,1-Dichloroethane	10	9.80	ppbv	98			70	130	
	Cyclohexane	10	9.40	ppbv	94			70	130	
	2-Butanone	10	10.8	ppbv	108			70	130	
	Carbon Tetrachloride	10	11.2	ppbv	112			70	130	
	cis-1,2-Dichloroethene	10	9.80	ppbv	98			70	130	
	Chloroform	10	10.6	ppbv	106			70	130	
	1,1,1-Trichloroethane	10	9.70	ppbv	97			70	130	
	2,2,4-Trimethylpentane	10	10.5	ppbv	105			70	130	
	Benzene	10	10.7	ppbv	107			70	130	
	1,2-Dichloroethane	10	12.2	ppbv	122			70	130	
	Trichloroethene	10	9.90	ppbv	99			70	130	
	1,2-Dichloropropane	10	10.8	ppbv	108			70	130	
	Bromodichloromethane	10	11.6	ppbv	116			70	130	
	4-Methyl-2-Pentanone	10	10.8	ppbv	108			70	130	
	Toluene	10	10.1	ppbv	101			70	130	
	t-1,3-Dichloropropene	10	10.1	ppbv	101			70	130	
	cis-1,3-Dichloropropene	10	10.4	ppbv	104			70	130	
	1,1,2-Trichloroethane	10	10.7	ppbv	107			70	130	
	Dibromochloromethane	10	11.1	ppbv	111			70	130	
	1,2-Dibromoethane	10	10.8	ppbv	108			70	130	
	Tetrachloroethene	10	9.30	ppbv	93			70	130	
	Chlorobenzene	10	10.7	ppbv	107			70	130	
	Ethyl Benzene	10	10.7	ppbv	107			70	130	
	m/p-Xylene	20	21.9	ppbv	110			70	130	
	o-Xylene	10	11.0	ppbv	110			70	130	
	Styrene	10	10.0	ppbv	100			70	130	
	Bromoform	10	10.7	ppbv	107			70	130	
	1,1,2,2-Tetrachloroethane	10	11.1	ppbv	111			70	130	
	2-Chlorotoluene	10	10.6	ppbv	106			70	130	
	1,3,5-Trimethylbenzene	10	10.6	ppbv	106			70	130	
	1,2,4-Trimethylbenzene	10	10.5	ppbv	105			70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2943 **Analytical Method:** SWTO-15

Client: GFE LLC **Datafile :** VL042882.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0826ABS01	1,3-Dichlorobenzene	10	10.6	ppbv	106			70	130	
	1,4-Dichlorobenzene	10	10.5	ppbv	105			70	130	
	1,2-Dichlorobenzene	10	10.4	ppbv	104			70	130	
	1,2,4-Trichlorobenzene	10	9.90	ppbv	99			70	130	
	Hexachloro-1,3-butadiene	10	8.00	ppbv	80			70	130	
	Naphthalene	10	10.2	ppbv	102			70	130	
	1,3-Butadiene	10	8.90	ppbv	89			70	130	
	4-Ethyltoluene	10	10.8	ppbv	108			70	130	
	Hexane	10	9.70	ppbv	97			70	130	
	Allyl Chloride	10	9.40	ppbv	94			70	130	
	1,4-Dioxane	10	9.40	ppbv	94			70	130	
	Methyl methacrylate	10	10.0	ppbv	100			70	130	

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Duplicate Sample Summary

Lab Sample Id :	Q2943-01DUP		Q2943-01	
Client Id :	SV1DUP		SV1	
DF :	4		4	
Datafile :	VL042885.D		VL042884.D	
Anal Date & Time :	08/26/2025	15:04	08/26/2025	14:29

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0.42	0.38	10
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	1.5	1.4	6.9
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0	0	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0	0	0
2-Butanone	1.7	1.6	6.1
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	83.2	72.5	13.7
Allyl Chloride	0	0	0
Benzene	0.8	0.82	2.5
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0	0	0

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Duplicate Sample Summary

Lab Sample Id :	Q2943-01DUP		Q2943-01	
Client Id :	SV1DUP		SV1	
DF :	4		4	
Datafile :	VL042885.D		VL042884.D	
Anal Date & Time :	08/26/2025	15:04	08/26/2025	14:29

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	1.4	1.3	7.4
Chloromethane	0	0	0
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0	0	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.56	0.51	9.3
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	11.1	11.1	0
Heptane	1.3	1.2	8
Hexachloro-1,3-Butadiene	0	0	0
Hexane	6.5	5.9	9.7
m/p-Xylene	3.7	3.9	5.3
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	1.4	1.3	7.4
Naphthalene	0	0	0
o-Xylene	1.8	2	10.5
Styrene	110	110	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	1.8	1.9	5.4
Tetrachloroethene	1	1	0
Tetrahydrofuran	0	0	0
Toluene	5.1	5	2
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0	0	0
Vinyl Chloride	0	0	0

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VOLATILE METHOD BLANK SUMMARY

Client ID: SV1DUP

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG NO.: Q2943

Lab File ID: VL042885.D Lab Sample ID: Q2943-01DUP

Date Analyzed: 08/26/2025 Time Analyzed: 15:04

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
SV1DUP	Q2943-01DUP	VL042885.D	08/26/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VL0826ABL01

Lab Name: Alliance | Contract: GFEL01

Lab Code: ACE | SDG NO.: Q2943

Lab File ID: VL042881.D | Lab Sample ID: VL0826ABL01

Date Analyzed: 08/26/2025 | Time Analyzed: 09:16

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
VL0826ABS01	VL0826ABS01	VL042882.D	08/26/2025
SV1DL	Q2943-01DL	VL042883.D	08/26/2025
SV1	Q2943-01	VL042884.D	08/26/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GFEL01

Lab Code: ACE | SDG NO.: Q2943

Lab File ID: VL042841.D | BFB Injection Date: 08/13/2025

Instrument ID: MSVOA_L | BFB Injection Time: 07:45

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	20.8
75	30.0 - 66.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 120.0% of mass 95	62
175	4.0 - 9.0% of mass 174	4.5 (7.3) 1
176	93.0 - 101.0% of mass 174	60 (96.7) 1
177	5.0 - 9.0% of mass 176	3.7 (6.1) 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	VL042842.D	08/13/2025	08:30
VSTDICC002	VSTDICC002	VL042843.D	08/13/2025	09:06
VSTDICC001	VSTDICC001	VL042844.D	08/13/2025	09:41
VSTDICC0.5	VSTDICC0.5	VL042845.D	08/13/2025	10:17
VSTDICC0.1	VSTDICC0.1	VL042846.D	08/13/2025	10:53
VSTDICC0.03	VSTDICC0.03	VL042847.D	08/13/2025	11:30
VSTDICC015	VSTDICC015	VL042848.D	08/13/2025	12:06

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GFEL01
Lab Code: ACE
SDG NO.: Q2943
Lab File ID: VL042879.D
BFB Injection Date: 08/26/2025
Instrument ID: MSVOA_L
BFB Injection Time: 07:43
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	23.3
75	30.0 - 66.0% of mass 95	57
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.3 (0.6) 1
174	50.0 - 120.0% of mass 95	53.8
175	4.0 - 9.0% of mass 174	3.9 (7.2) 1
176	93.0 - 101.0% of mass 174	50.5 (93.8) 1
177	5.0 - 9.0% of mass 176	3.2 (6.2) 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
VSTDCCC010	VSTDCCC010	VL042880.D	08/26/2025	08:29
VL0826ABL01	VL0826ABL01	VL042881.D	08/26/2025	09:16
VL0826ABS01	VL0826ABS01	VL042882.D	08/26/2025	12:58
SV1DL	Q2943-01DL	VL042883.D	08/26/2025	13:42
SV1	Q2943-01	VL042884.D	08/26/2025	14:29
SV1DUP	Q2943-01DUP	VL042885.D	08/26/2025	15:04

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG NO.: Q2943

Lab File ID: VL042880.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_L Time Analyzed: 08:29

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	122810	2.79	336296	3.97	294948	8.89
UPPER LIMIT	171934	3.12	470814	4.30	412927	9.22
LOWER LIMIT	73686	2.46	201778	3.64	176969	8.56
EPA SAMPLE NO.						
SV1	127308	2.79	346383	3.96	304552	8.89
SV1DL	123837	2.79	342269	3.96	292713	8.89
SV1DUP	127089	2.79	351085	3.97	304927	8.89
VL0826ABL01	123348	2.79	337393	3.96	287495	8.89
VL0826ABS01	120328	2.79	335593	3.96	291587	8.89

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG NO.: Q2943

Lab File ID: VL042880.D Date Analyzed: 08/26/2025

Instrument ID: MSVOA_L Time Analyzed: 08:29

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

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0					
LOWER LIMIT	0					
EPA SAMPLE NO.						
SV1	0	0.00				
SV1DL	0	0.00				
SV1DUP	0	0.00				
VL0826ABL01	0	0.00				
VL0826ABS01	0	0.00				

IS4 =

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,
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Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1	SDG No.:	Q2943
Lab Sample ID:	Q2943-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042884.D	4		08/26/25 14:29	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.51	2.52	J	2.18	9.89	ug/m3
74-87-3	Chloromethane	0.39	0.81	U	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.10	0.26	U	0.26	0.31	ug/m3
74-83-9	Bromomethane	0.31	1.20	U	1.20	7.77	ug/m3
75-00-3	Chloroethane	0.60	1.58	U	1.58	5.28	ug/m3
109-99-9	Tetrahydrofuran	0.32	0.94	U	0.94	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.68	3.82	U	3.82	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.56	4.29	U	4.29	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.60	4.19	U	4.19	14.0	ug/m3
75-65-0	tert-Butyl alcohol	1.90	5.76	J	1.94	6.06	ug/m3
142-82-5	Heptane	1.20	4.92	J	2.79	8.20	ug/m3
75-35-4	1,1-Dichloroethene	0.60	2.38	U	2.38	7.93	ug/m3
67-64-1	Acetone	72.5	172	E	1.71	4.75	ug/m3
75-15-0	Carbon Disulfide	0.32	1.00	U	1.00	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.92	3.32	U	3.32	7.21	ug/m3
75-09-2	Methylene Chloride	1.30	4.52	J	3.20	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.48	1.90	U	1.90	7.93	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	ug/m3
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	ug/m3
78-93-3	2-Butanone	1.60	4.72	J	0.65	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.10	0.63	U	0.63	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	U	1.59	7.93	ug/m3
67-66-3	Chloroform	1.30	6.35	J	1.86	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.38	2.07		0.33	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.56	2.62	U	2.62	9.34	ug/m3
71-43-2	Benzene	0.82	2.62	J	1.02	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.37	1.50	U	1.50	8.09	ug/m3
79-01-6	Trichloroethene	0.10	0.54	U	0.54	0.64	ug/m3
78-87-5	1,2-Dichloropropane	0.52	2.40	U	2.40	9.24	ug/m3
75-27-4	Bromodichloromethane	0.25	1.67	U	1.67	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.39	1.60	U	1.60	8.20	ug/m3
108-88-3	Toluene	5.00	18.8		2.41	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.60	2.72	U	2.72	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.44	2.00	U	2.00	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.32	1.75	U	1.75	10.9	ug/m3

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Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1	SDG No.:	Q2943
Lab Sample ID:	Q2943-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042884.D	4		08/26/25 14:29	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.34	2.90	U	2.90	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.34	2.61	U	2.61	3.07	ug/m3
127-18-4	Tetrachloroethene	1.00	6.78		0.41	0.81	ug/m3
108-90-7	Chlorobenzene	0.31	1.43	U	1.43	9.21	ug/m3
100-41-4	Ethyl Benzene	11.1	48.2		3.30	8.69	ug/m3
179601-23-1	m/p-Xylene	3.90	16.9	J	6.95	17.4	ug/m3
95-47-6	o-Xylene	2.00	8.69		3.65	8.69	ug/m3
100-42-5	Styrene	110	468	E	2.72	8.52	ug/m3
75-25-2	Bromoform	0.19	1.96	U	1.96	20.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.070	0.48	U	0.48	0.82	ug/m3
95-49-8	2-Chlorotoluene	0.68	3.52	U	3.52	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.72	3.54	U	3.54	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.40	6.88	J	3.54	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.22	1.32	U	1.32	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.52	3.13	U	3.13	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.52	3.13	U	3.13	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.84	6.24	U	6.24	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.52	5.55	U	5.55	21.3	ug/m3
106-99-0	1,3-Butadiene	0.20	0.44	U	0.44	4.42	ug/m3
91-20-3	Naphthalene	0.050	0.26	U	0.26	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.84	4.13	U	4.13	9.83	ug/m3
110-54-3	Hexane	5.90	20.8		2.26	7.05	ug/m3
107-05-1	Allyl Chloride	0.44	1.38	U	1.38	6.26	ug/m3
123-91-1	1,4-Dioxane	0.88	3.17	U	3.17	7.21	ug/m3
80-62-6	Methyl Methacrylate	0.56	2.29	U	2.29	8.19	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	127000		2.79			
540-36-3	1,4-Difluorobenzene	346000		3.962			
3114-55-4	Chlorobenzene-d5	305000		8.888			

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Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1	SDG No.:	Q2943
Lab Sample ID:	Q2943-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042884.D	4		08/26/25 14:29	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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\VL082625\
Data File : VL042884.D
Acq On : 26 Aug 2025 14:29
Operator : SY/MD
Sample : Q2943-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:11:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.790	49	127308	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.962	114	346383	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.888	117	304552	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.380	95	239031	10.465	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	2384	0.128	ppbv		98
9) Propene	1.489	41	4536	0.509	ppbv	#	17
10) Heptane	4.985	43	7351m	0.308	ppbv		
13) Ethanol	1.722	45	138035	169.498	ppbv		89
15) Acetone	1.839	43	305345m	18.132	ppbv		
17) tert-Butyl alcohol	2.046	59	9285	0.465	ppbv	#	71
19) Isopropyl Alcohol	1.887	45	135740	13.495	ppbv	#	73
20) Methylene Chloride	2.062	84	2260	0.320	ppbv	#	94
26) Hexane	2.829	57	27976	1.487	ppbv	#	44
29) Chloroform	2.852	83	9020	0.336	ppbv		98
30) Cyclohexane	3.868	84	1642m	0.100	ppbv		
32) 1,1,1-Trichloroethane	3.376	97	2723m	0.096	ppbv		
34) 2-Butanone	2.564	43	9363	0.400	ppbv		99
36) Benzene	3.661	78	6760	0.204	ppbv	#	87
52) Tetrachloroethene	8.231	164	2993	0.249	ppbv	#	66
53) Toluene	6.943	91	49705	1.260	ppbv		98
58) Ethyl Benzene	9.361	91	149110	2.774	ppbv		97
59) m/p-Xylene	9.539	91	40622	0.964	ppbv	#	100
60) o-Xylene	9.969	91	20845	0.492	ppbv		94
61) Styrene	9.875	104	554521	27.930	ppbv		98
62) Isopropylbenzene	10.545	105	10042	0.162	ppbv		99
64) n-propylbenzene	10.992	120	2884	0.183	ppbv		71
74) 1,2,4-Trimethylbenzene	11.539	105	16244	0.339	ppbv	#	60

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

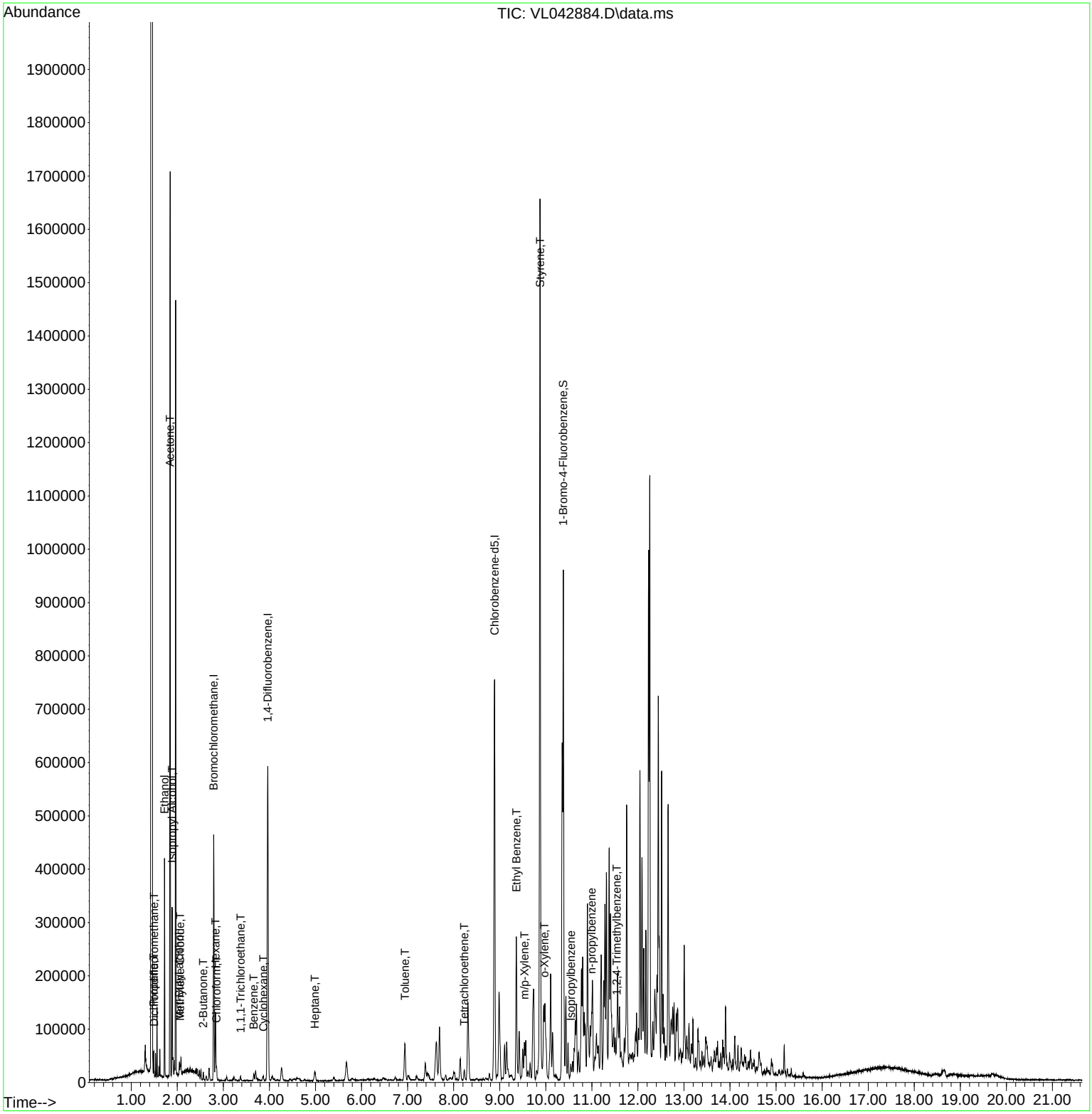
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042884.D
Acq On : 26 Aug 2025 14:29
Operator : SY/MD
Sample : Q2943-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

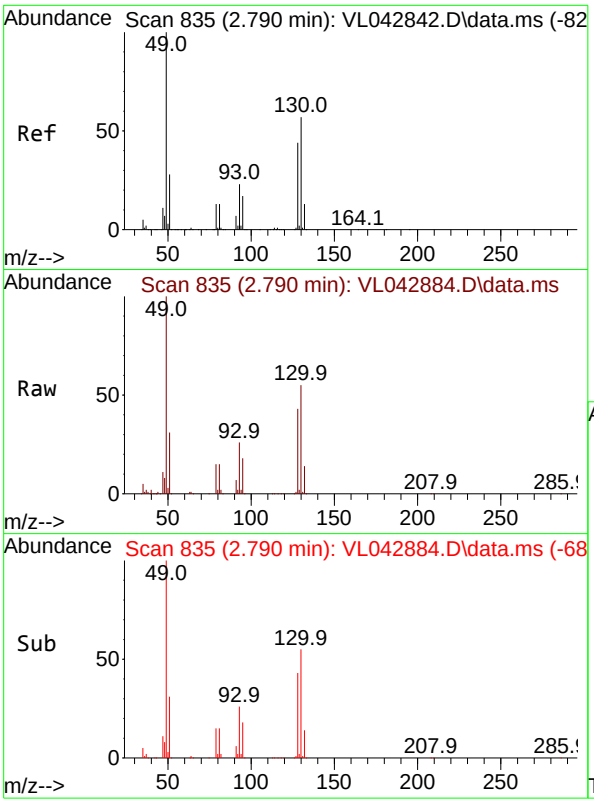
Quant Time: Aug 27 01:11:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

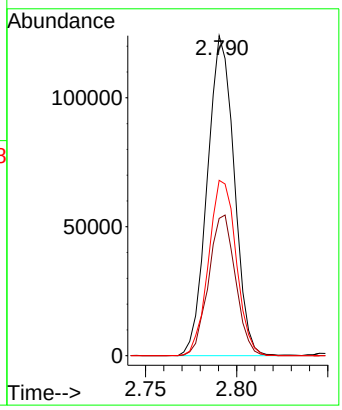
Tgt Ion: 49 Resp: 12730

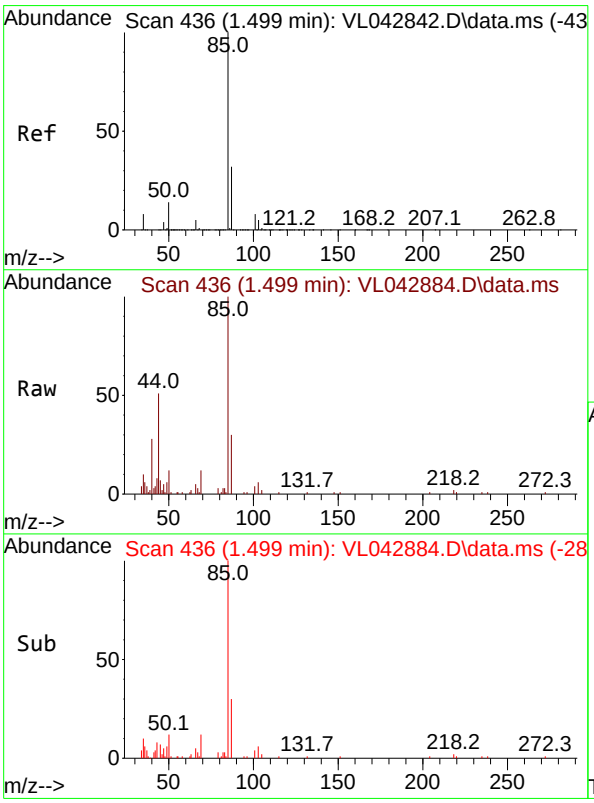
Ion	Ratio	Lower	Upper
49	100		
128	44.0	23.7	71.1
130	56.4	30.6	91.6

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

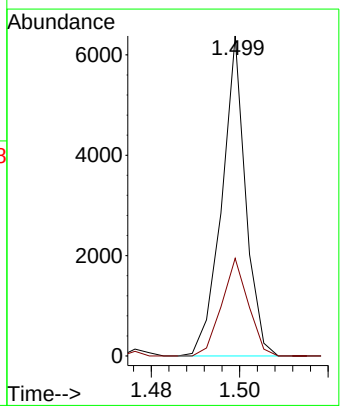


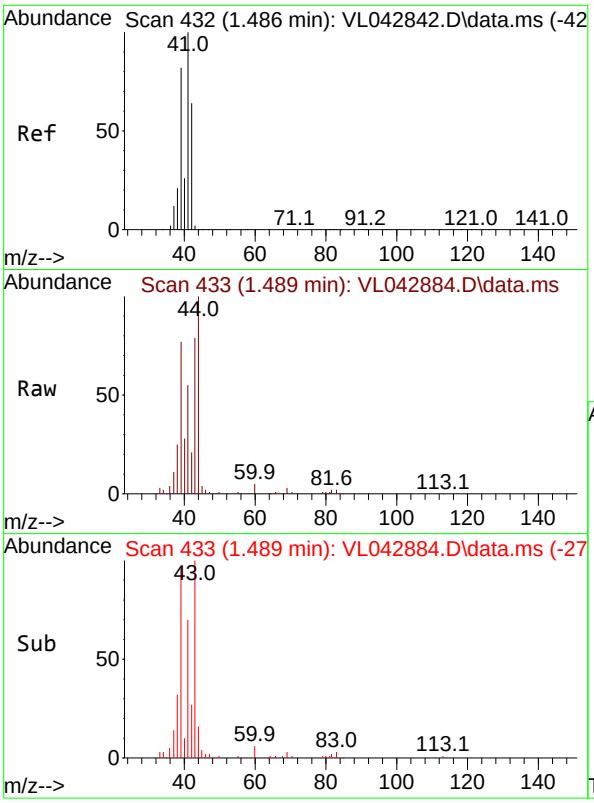


#2
Dichlorodifluoromethane
Concen: 0.128 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 85 Resp: 2384

Ion	Ratio	Lower	Upper
85	100		
87	30.5	25.3	37.9





#9
Propene
Concen: 0.509 ppbv
RT: 1.489 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

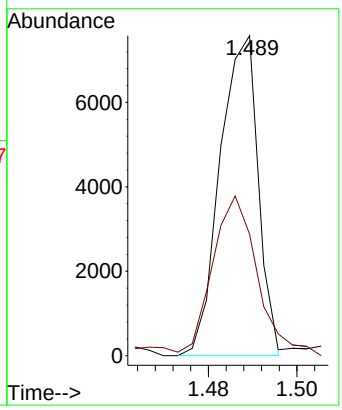
Tgt Ion: 41 Resp: 453

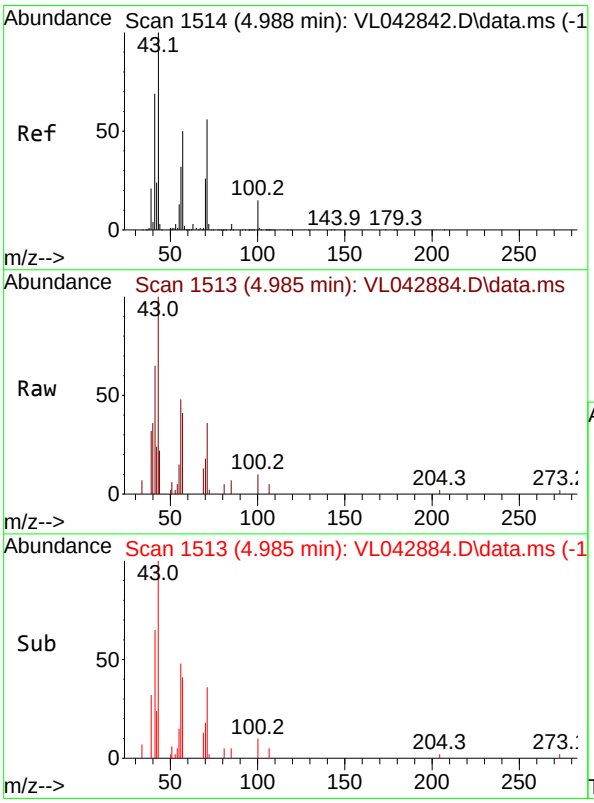
Ion	Ratio	Lower	Upper
41	100		
42	0.0	53.0	79.4

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

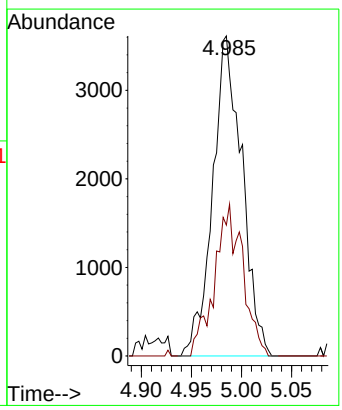


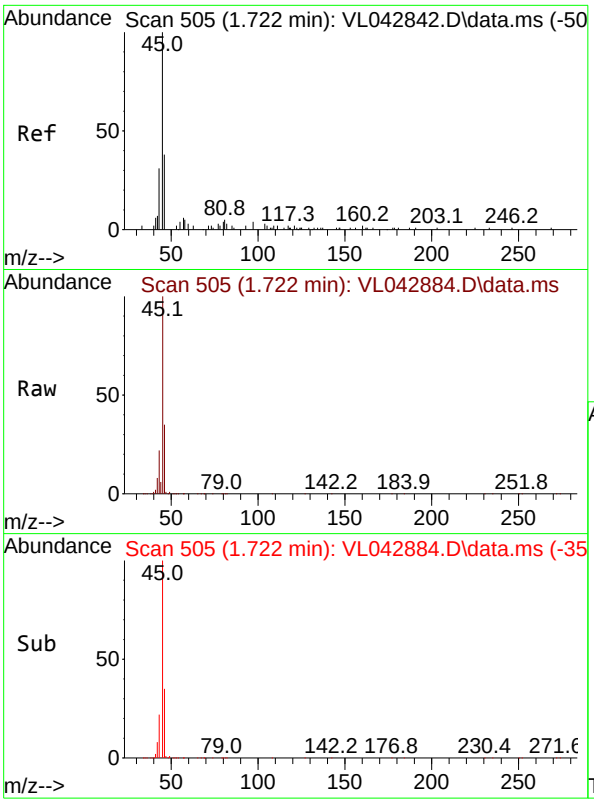


#10
Heptane
Concen: 0.308 ppbv m
RT: 4.985 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 43 Resp: 7351

Ion	Ratio	Lower	Upper
43	100		
57	46.1	41.4	62.0

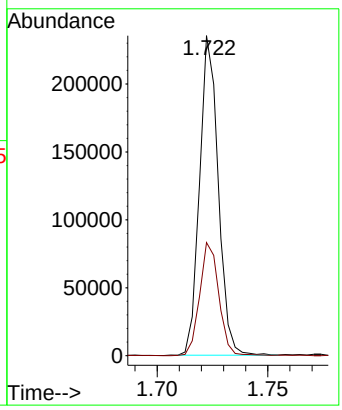




#13
Ethanol
Concen: 169.498 ppbv
RT: 1.722 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 45 Resp: 13803

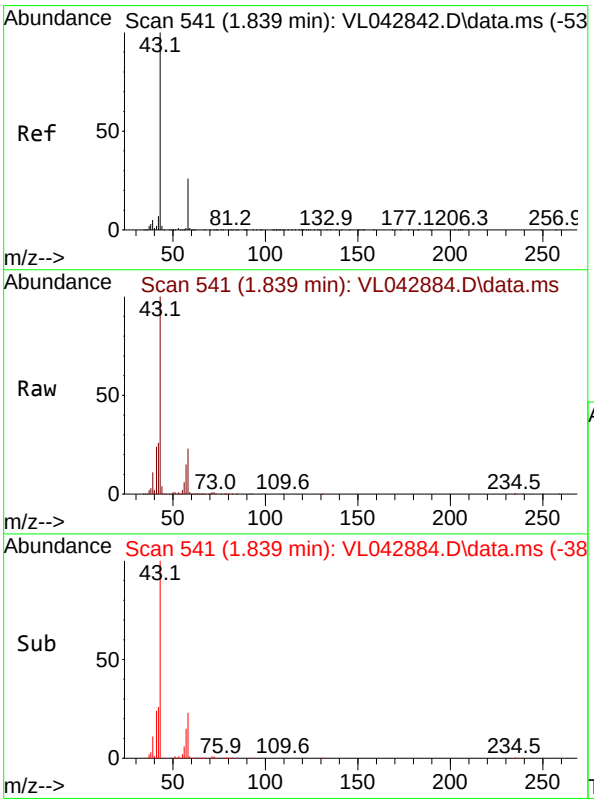
Ion	Ratio	Lower	Upper
45	100		
46	36.9	17.5	69.9



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

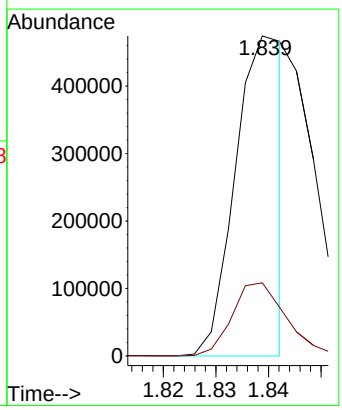
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

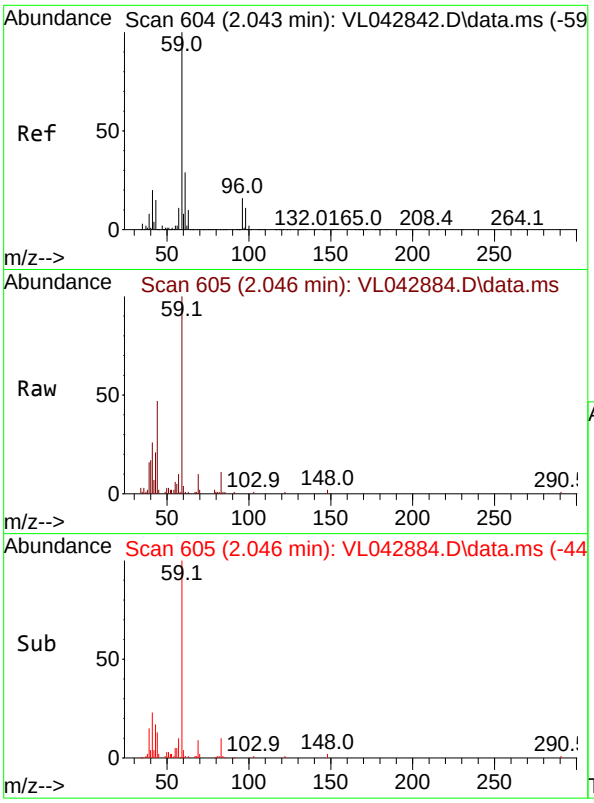


#15
Acetone
Concen: 18.132 ppbv m
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 43 Resp: 305345

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.4	33.6

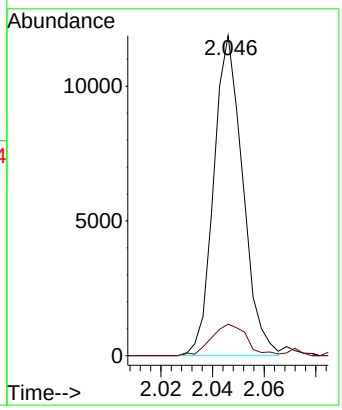




#17
tert-Butyl alcohol
Concen: 0.465 ppbv
RT: 2.046 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 59 Resp: 928

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



Instrument :
MSVOA_L
ClientSampleId :
SV1

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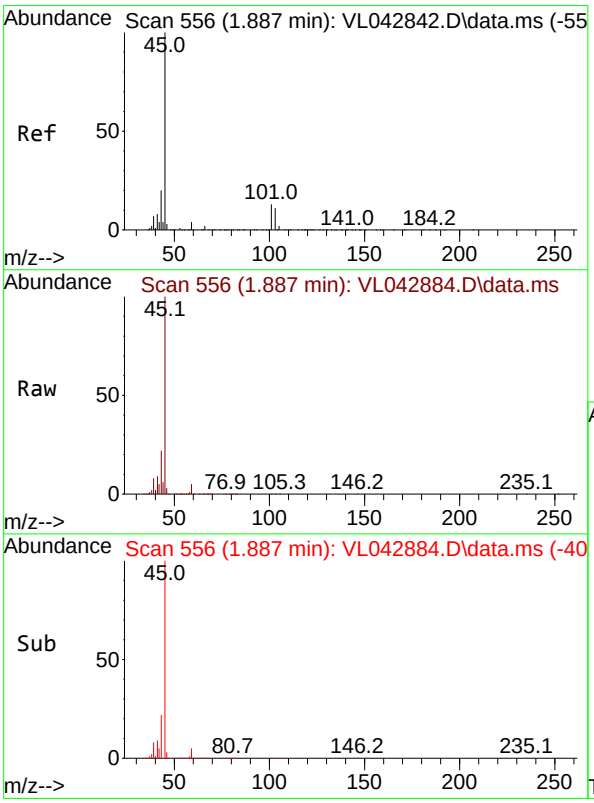
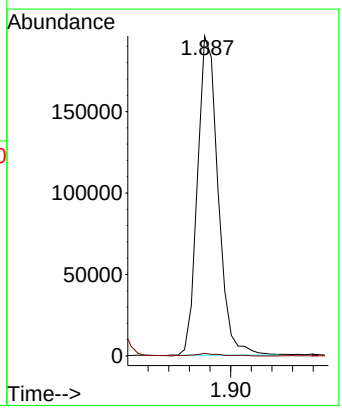
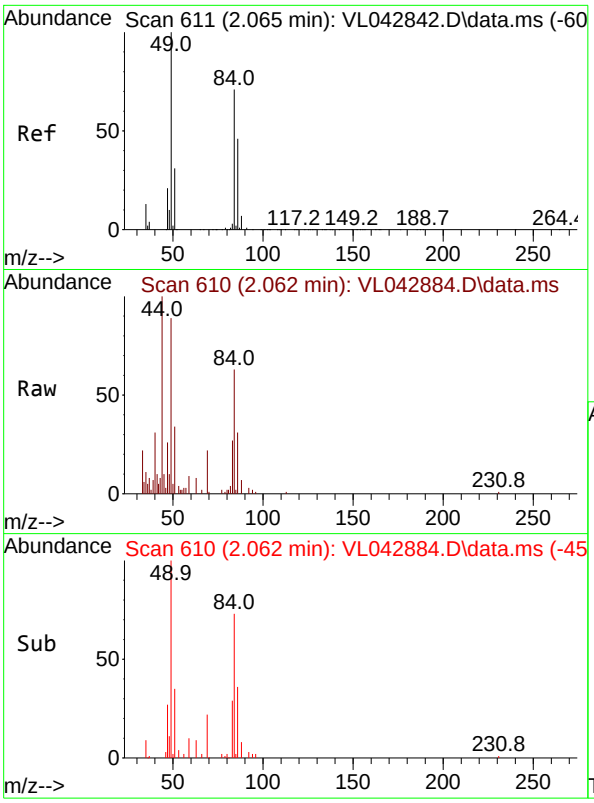


#19
Isopropyl Alcohol
Concen: 13.495 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 45 Resp: 135740

Ion	Ratio	Lower	Upper
45	100		
58	57.8	32.7	49.1#

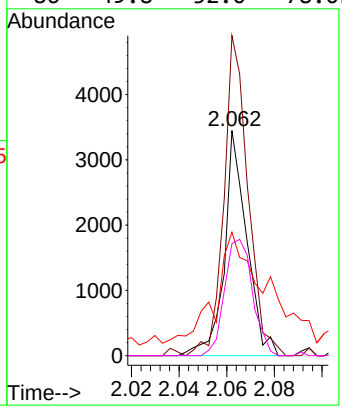




#20
Methylene Chloride
Concen: 0.320 ppbv
RT: 2.062 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 84 Resp: 226

Ion	Ratio	Lower	Upper
84	100		
49	138.3	112.3	168.5
51	45.8	36.0	54.0
86	49.8	52.0	78.0#



Instrument :
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ClientSampleId :
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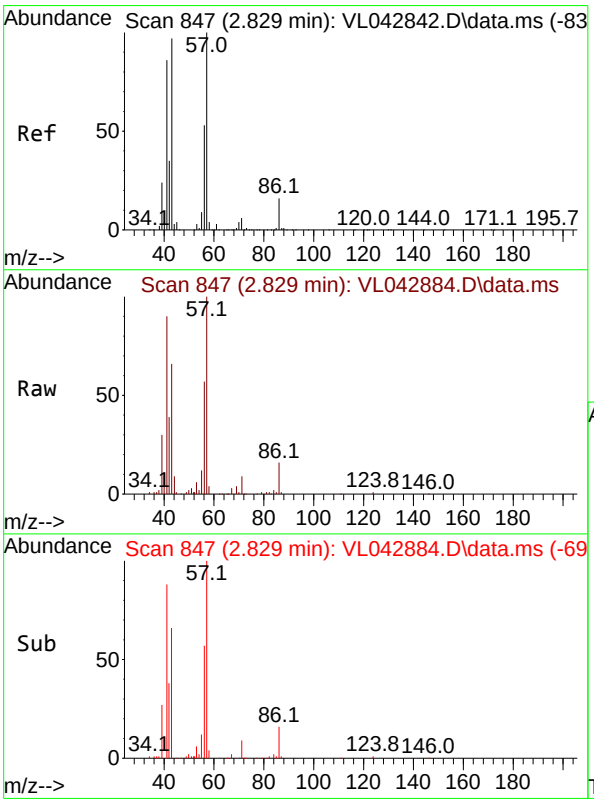
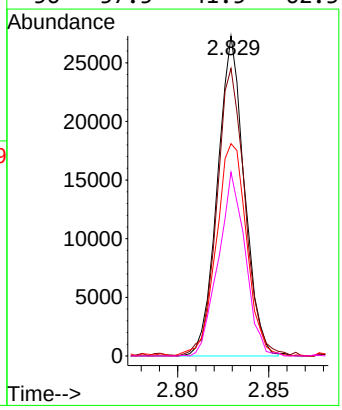
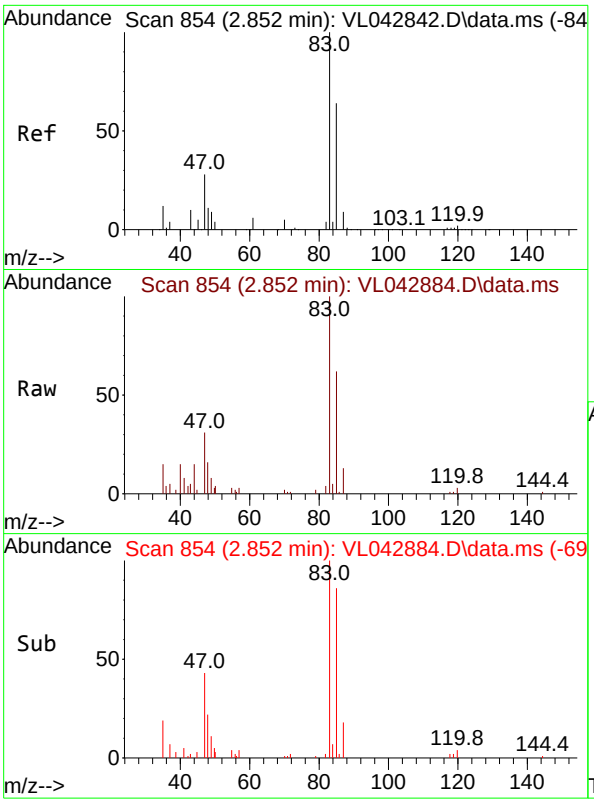


#26
Hexane
Concen: 1.487 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 57 Resp: 27976

Ion	Ratio	Lower	Upper
57	100		
41	95.3	68.6	103.0
43	75.5	168.5	252.7#
56	57.5	41.5	62.3





#29
Chloroform
Concen: 0.336 ppbv
RT: 2.852 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 83 Resp: 902

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.1	76.7

Instrument :
MSVOA_L
ClientSampleId :
SV1

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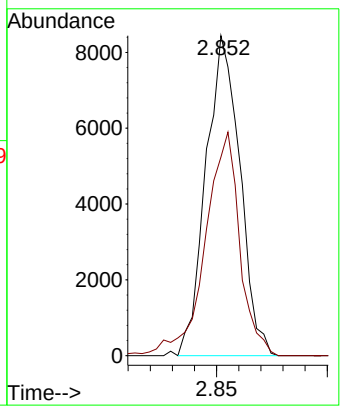
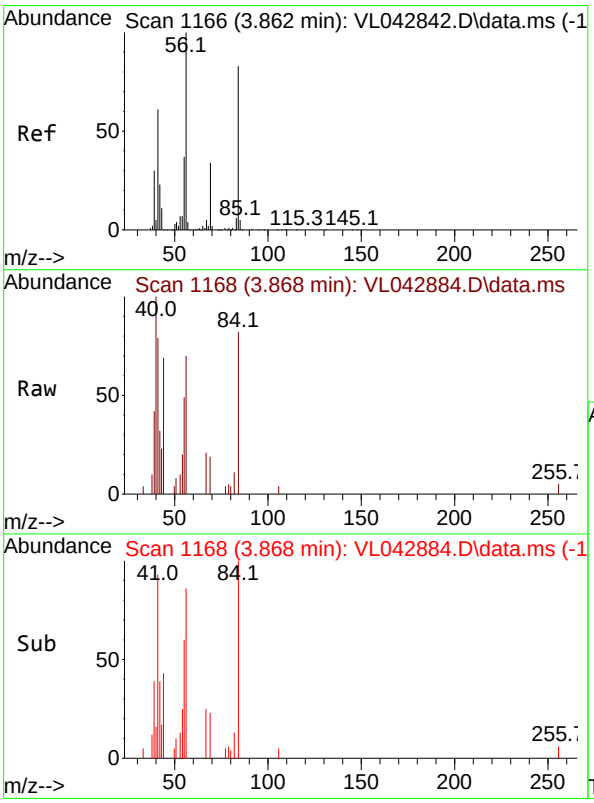
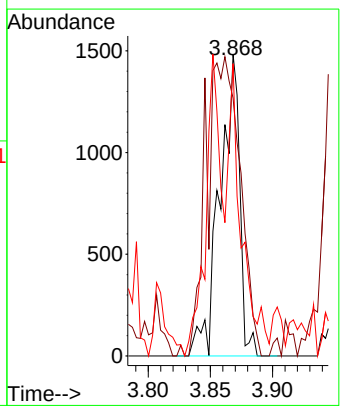


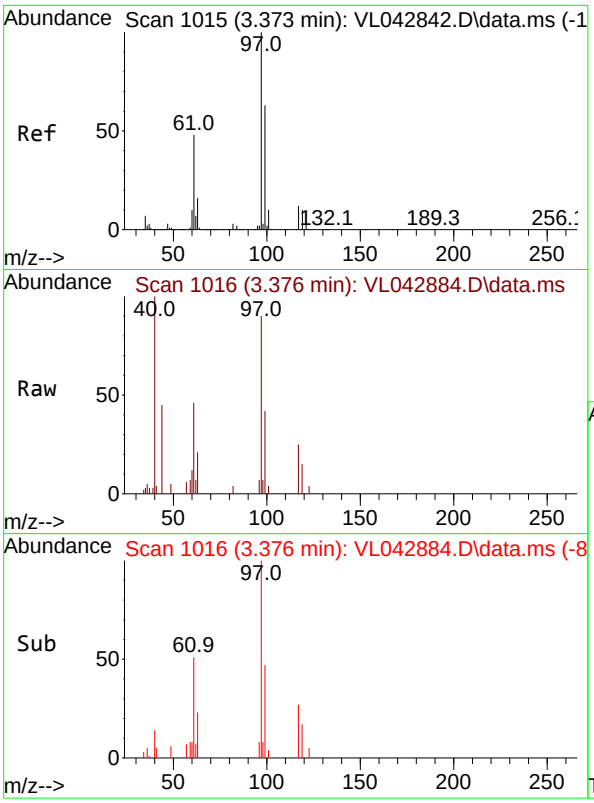


#30
Cyclohexane
Concen: 0.100 ppbv m
RT: 3.868 min Scan# 1168
Delta R.T. 0.007 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 84 Resp: 1642

Ion	Ratio	Lower	Upper
84	100		
56	169.5	98.8	148.2#
41	0.0	61.3	91.9#

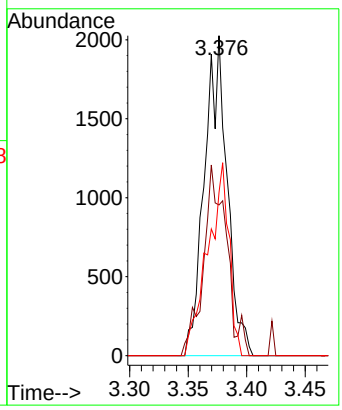




#32
1,1,1-Trichloroethane
Concen: 0.096 ppbv m
RT: 3.376 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 97 Resp: 272

Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.0	76.6
61	0.0	38.0	57.0#



Instrument :
MSVOA_L
ClientSampleId :
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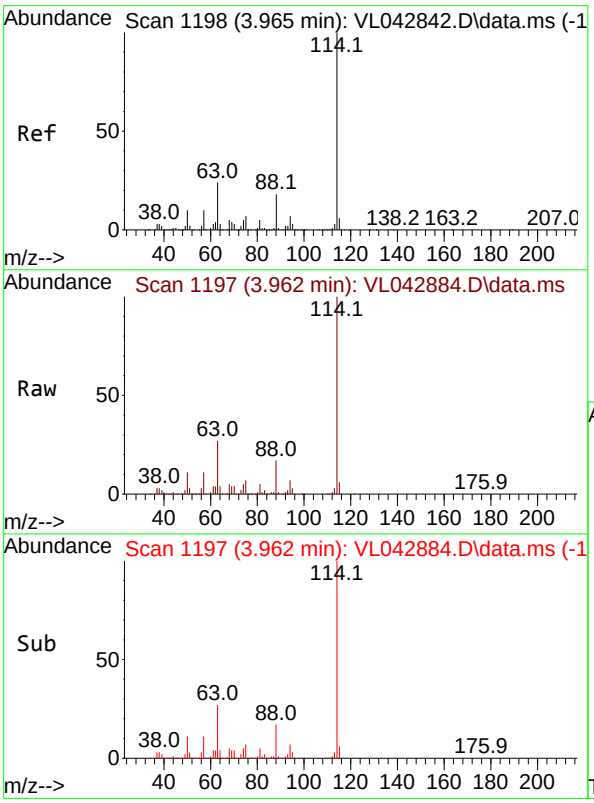
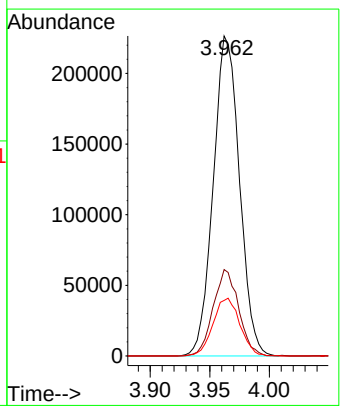
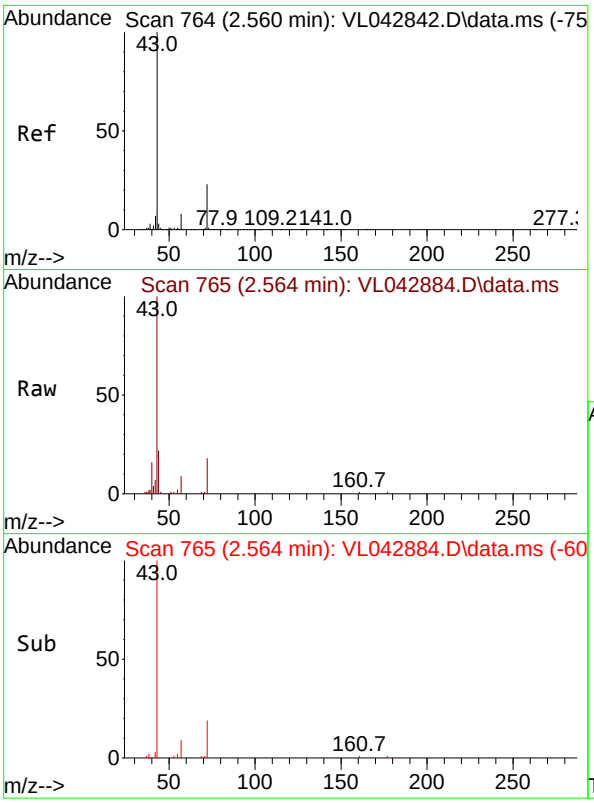


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:114 Resp: 346383

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.7	29.5
88	18.5	14.4	21.6

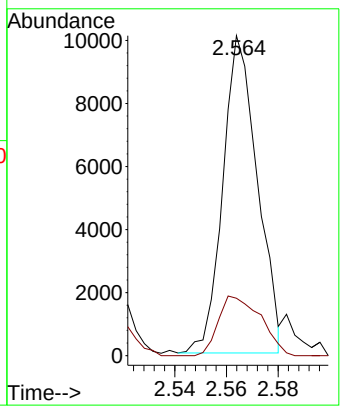




#34
2-Butanone
Concen: 0.400 ppbv
RT: 2.564 min Scan# 7
Delta R.T. 0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 43 Resp: 936

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.6	28.0



Instrument :
MSVOA_L
ClientSampleId :
SV1

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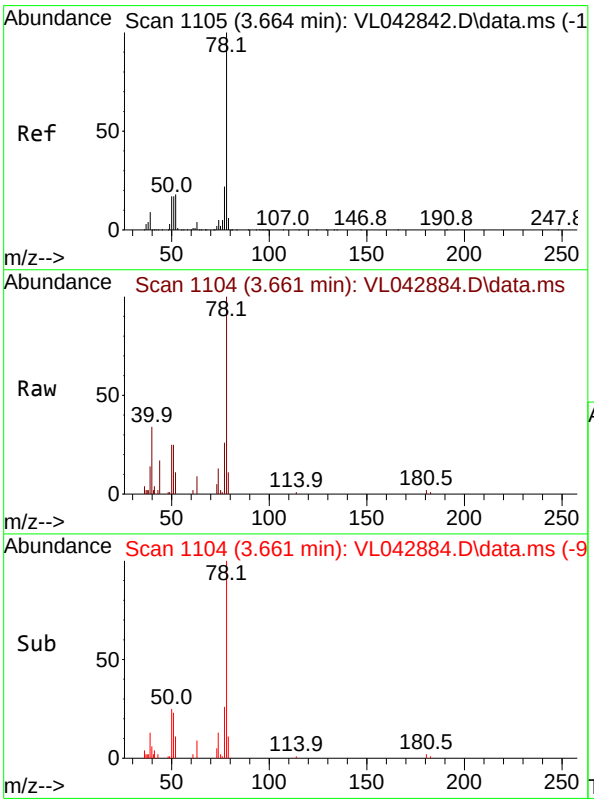
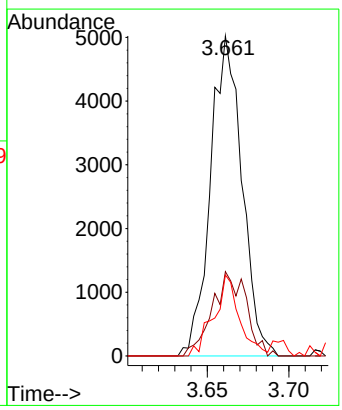
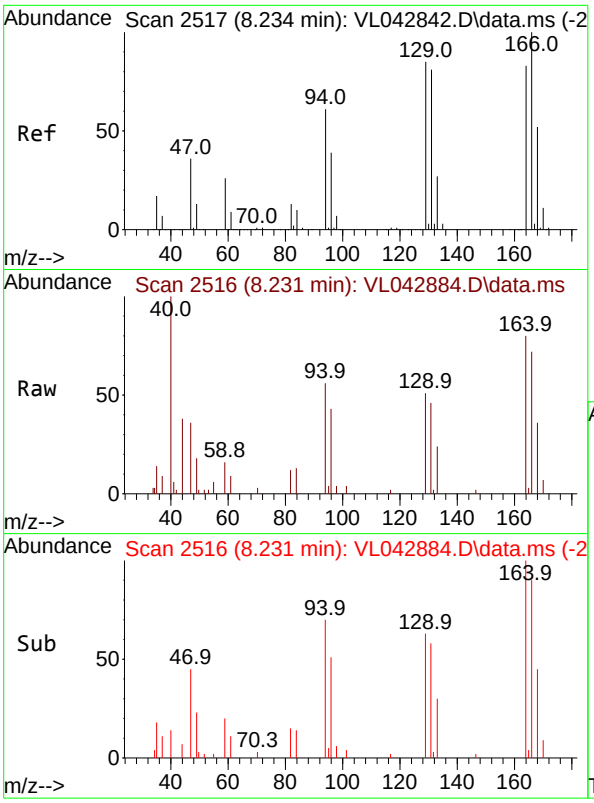


#36
Benzene
Concen: 0.204 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 78 Resp: 6760

Ion	Ratio	Lower	Upper
78	100		
77	26.4	17.7	26.5
50	25.3	13.9	20.9#

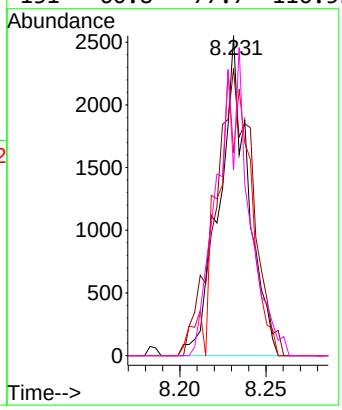




#52
Tetrachloroethene
Concen: 0.249 ppbv
RT: 8.231 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:164 Resp: 299

Ion	Ratio	Lower	Upper
164	100		
166	89.8	96.5	144.7#
129	63.5	81.8	122.6#
131	60.8	77.7	116.5#



Instrument :
MSVOA_L
ClientSampleId :
SV1

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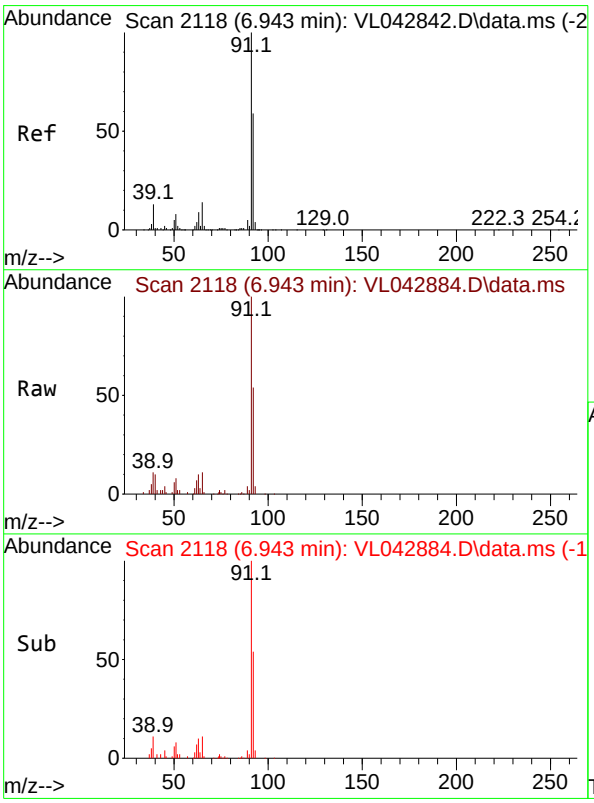
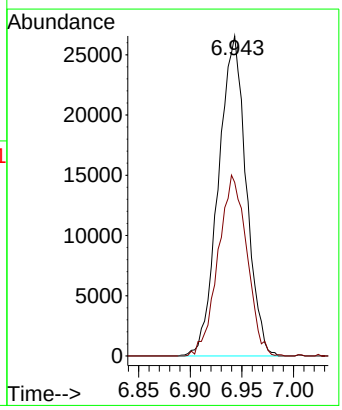
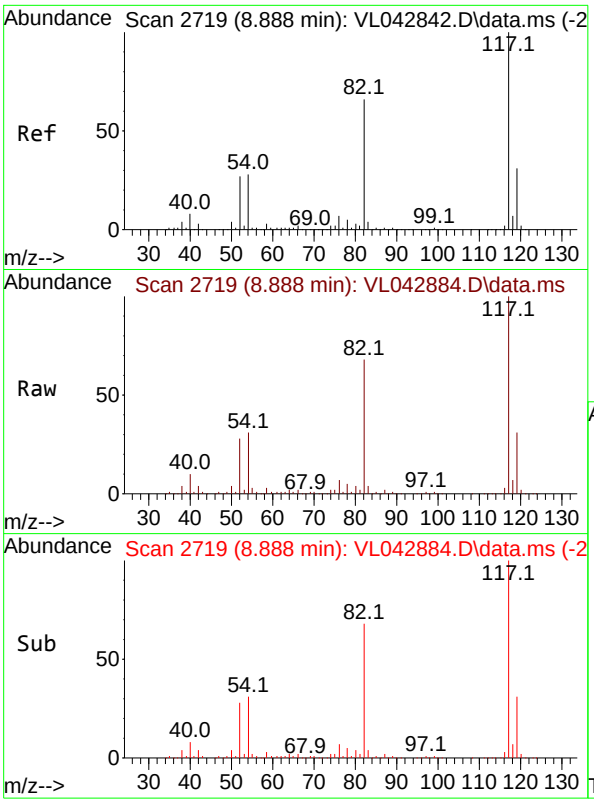


#53
Toluene
Concen: 1.260 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 91 Resp: 49705

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.8	71.6

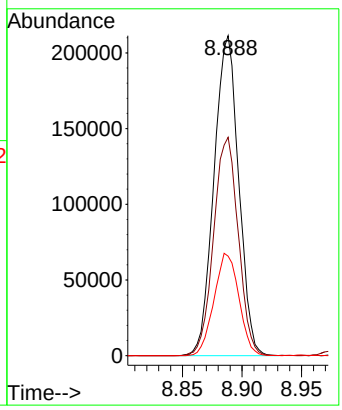




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:117 Resp: 30455

Ion	Ratio	Lower	Upper
117	100		
82	68.1	54.6	81.8
119	32.2	25.9	38.9



Instrument :
MSVOA_L
ClientSampleId :
SV1

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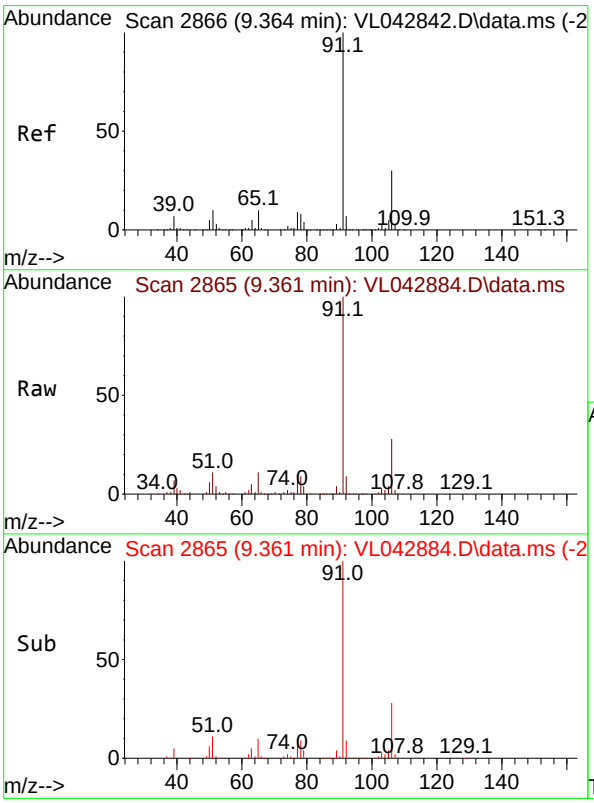
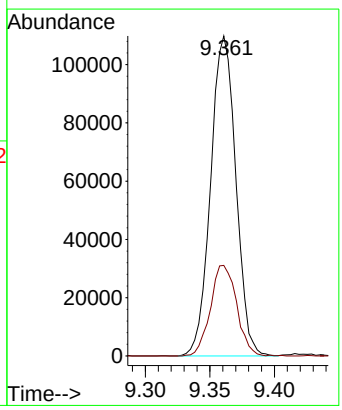
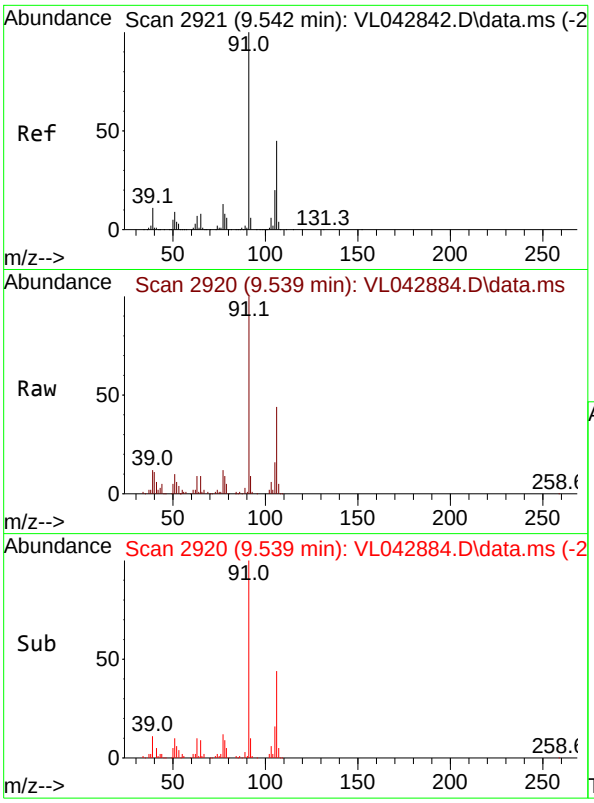


#58
Ethyl Benzene
Concen: 2.774 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 91 Resp: 149110

Ion	Ratio	Lower	Upper
91	100		
106	28.3	23.9	35.9





#59
m/p-Xylene
Concen: 0.964 ppbv
RT: 9.539 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 91 Resp: 4062

Ion	Ratio	Lower	Upper
91	100		
106	44.0	0.0	0.0

Instrument :
MSVOA_L
ClientSampleId :
SV1

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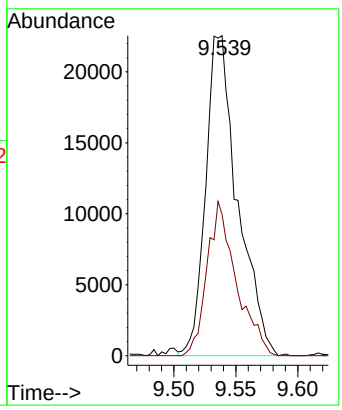
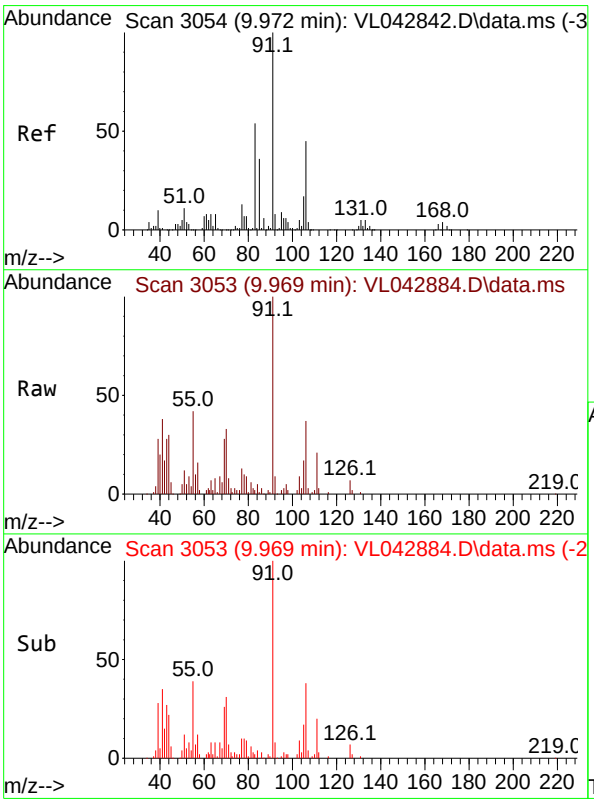
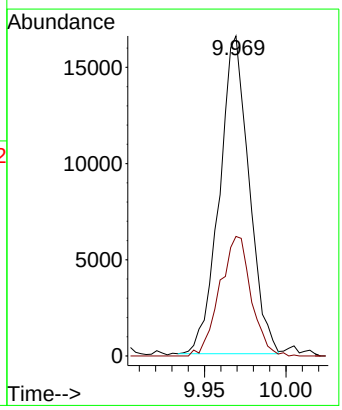


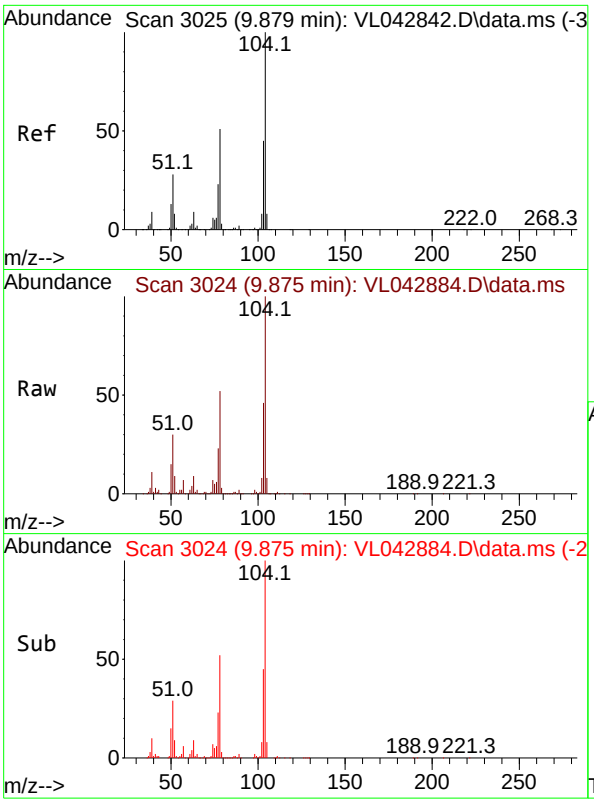


#60
o-Xylene
Concen: 0.492 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 91 Resp: 20845

Ion	Ratio	Lower	Upper
91	100		
106	39.7	21.8	65.4





#61
Styrene
Concen: 27.930 ppbv
RT: 9.875 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:104 Resp: 55452

Ion	Ratio	Lower	Upper
104	100		
78	52.8	40.6	61.0
103	46.8	37.7	56.5

Instrument :
MSVOA_L
ClientSampleId :
SV1

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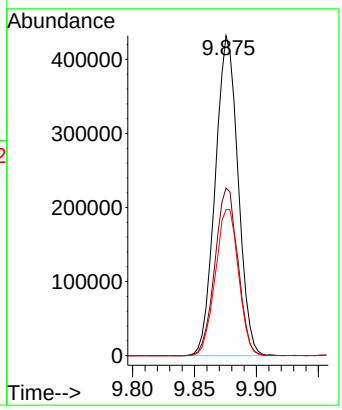
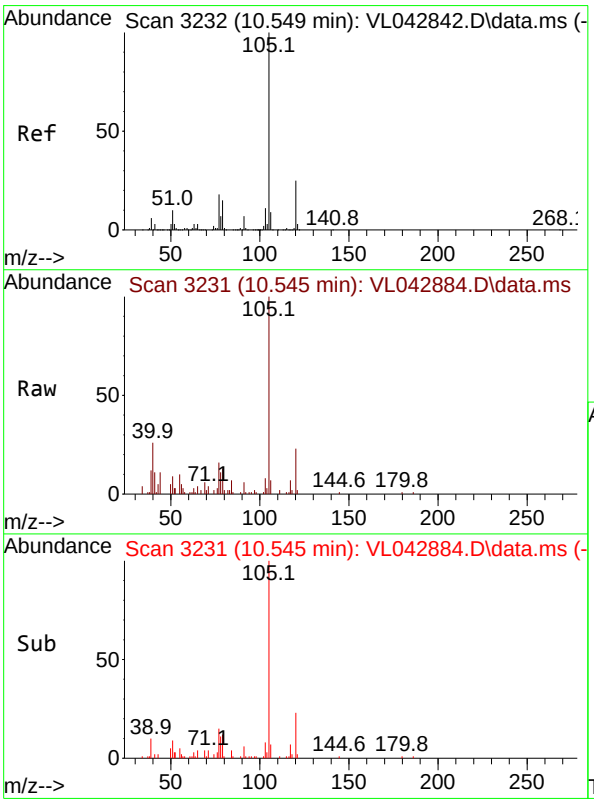
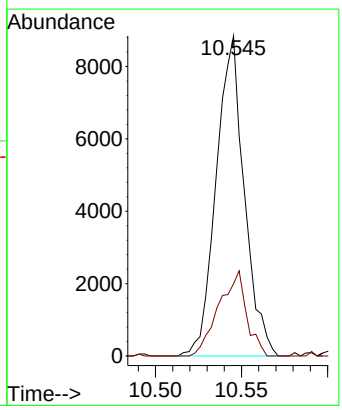


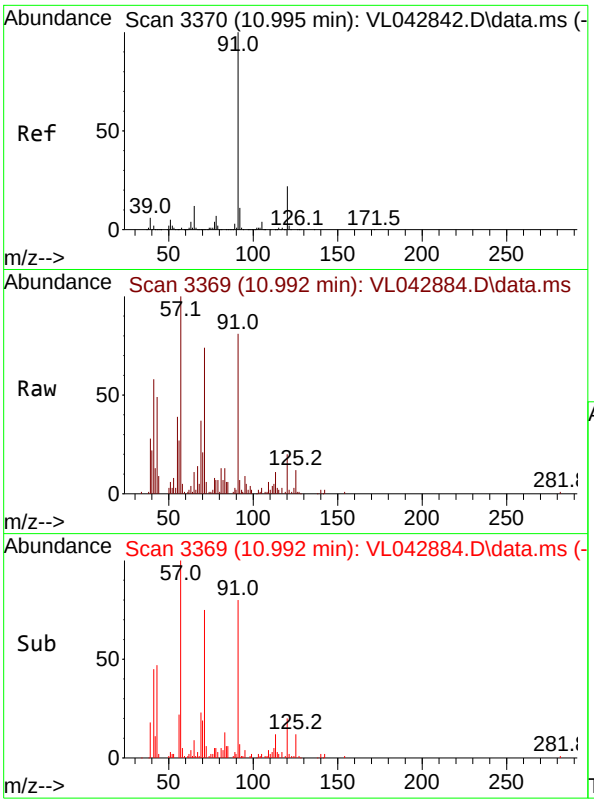


#62
Isopropylbenzene
Concen: 0.162 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:105 Resp: 10042

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	30.8





#64
n-propylbenzene
Concen: 0.183 ppbv
RT: 10.992 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

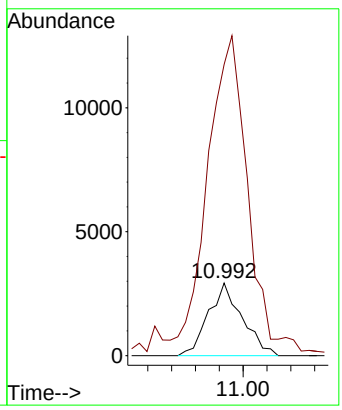
Tgt Ion:120 Resp: 288

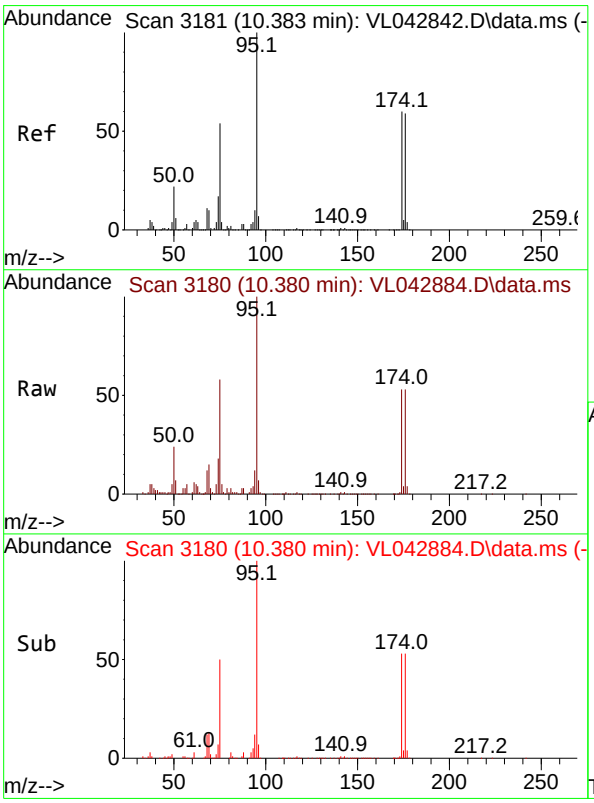
Ion	Ratio	Lower	Upper
120	100		
91	547.3	375.8	563.6

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

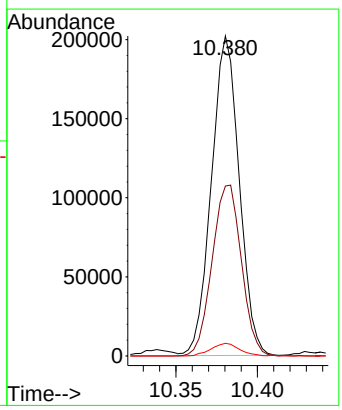


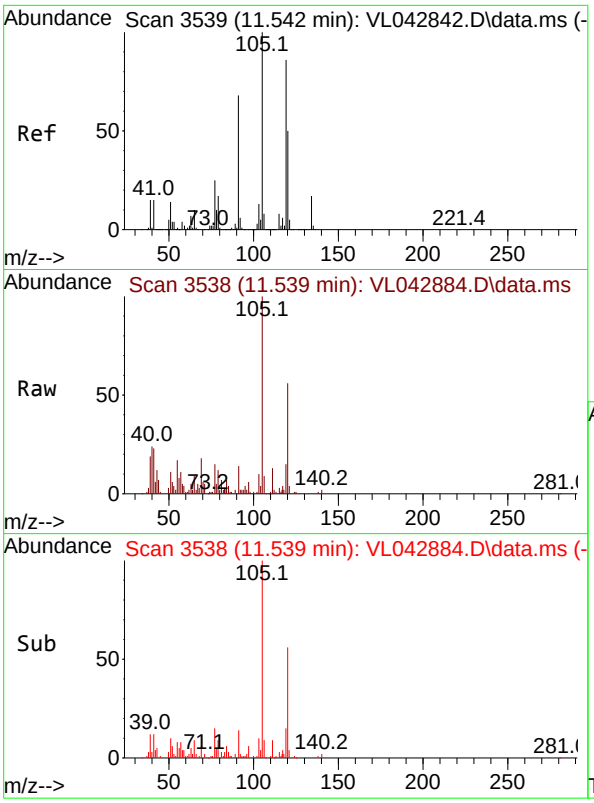


#68
1-Bromo-4-Fluorobenzene
Concen: 10.465 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion: 95 Resp: 239031

Ion	Ratio	Lower	Upper
95	100		
174	56.3	48.4	72.6
175	4.1	3.8	5.8

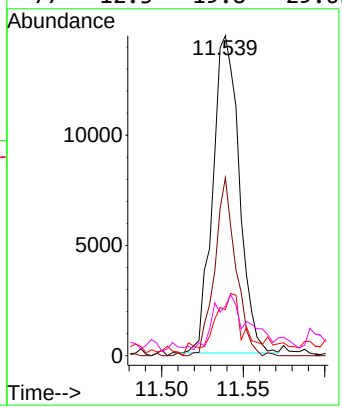




#74
1,2,4-Trimethylbenzene
Concen: 0.339 ppbv
RT: 11.539 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042884.D
Acq: 26 Aug 2025 14:29

Tgt Ion:105 Resp: 1624

Ion	Ratio	Lower	Upper
105	100		
120	56.1	39.8	59.6
91	13.3	54.2	81.4#
77	12.3	19.8	29.6#



Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

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

Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1DL	SDG No.:	Q2943
Lab Sample ID:	Q2943-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042883.D	10		08/26/25 13:42	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1.10	5.44	UD	5.44	24.7	ug/m3
74-87-3	Chloromethane	0.98	2.02	UD	2.02	10.3	ug/m3
75-01-4	Vinyl Chloride	0.25	0.64	UD	0.64	0.77	ug/m3
74-83-9	Bromomethane	0.77	2.99	UD	2.99	19.4	ug/m3
75-00-3	Chloroethane	1.50	3.96	UD	3.96	13.2	ug/m3
109-99-9	Tetrahydrofuran	0.80	2.36	UD	2.36	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1.70	9.55	UD	9.55	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	10.7	UD	10.7	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1.50	10.5	UD	10.5	35.0	ug/m3
75-65-0	tert-Butyl alcohol	2.20	6.67	JD	4.85	15.2	ug/m3
142-82-5	Heptane	1.70	6.97	UD	6.97	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1.50	5.95	UD	5.95	19.8	ug/m3
67-64-1	Acetone	86.4	205	D	4.28	11.9	ug/m3
75-15-0	Carbon Disulfide	0.80	2.49	UD	2.49	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	2.30	8.29	UD	8.29	18.0	ug/m3
75-09-2	Methylene Chloride	2.60	9.03	JD	7.99	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.20	4.76	UD	4.76	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	5.26	20.2	ug/m3
110-82-7	Cyclohexane	2.20	7.57	UD	7.57	17.2	ug/m3
78-93-3	2-Butanone	1.90	5.60	JD	1.65	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.25	1.57	UD	1.57	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.99	3.93	UD	3.93	19.8	ug/m3
67-66-3	Chloroform	1.50	7.33	JD	4.69	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.47	2.56	D	0.87	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.40	6.54	UD	6.54	23.4	ug/m3
71-43-2	Benzene	0.79	2.52	UD	2.52	16.0	ug/m3
107-06-2	1,2-Dichloroethane	0.93	3.76	UD	3.76	20.2	ug/m3
79-01-6	Trichloroethene	0.24	1.29	UD	1.29	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1.30	6.01	UD	6.01	23.1	ug/m3
75-27-4	Bromodichloromethane	0.63	4.22	UD	4.22	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.97	3.98	UD	3.98	20.5	ug/m3
108-88-3	Toluene	4.60	17.3	JD	6.03	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1.50	6.81	UD	6.81	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1.10	4.99	UD	4.99	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	0.81	4.42	UD	4.42	27.3	ug/m3

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

Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1DL	SDG No.:	Q2943
Lab Sample ID:	Q2943-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042883.D	10		08/26/25 13:42	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.85	7.24	UD	7.24	42.6	ug/m3
106-93-4	1,2-Dibromoethane	0.85	6.53	UD	6.53	7.69	ug/m3
127-18-4	Tetrachloroethene	0.94	6.37	D	1.02	2.03	ug/m3
108-90-7	Chlorobenzene	0.77	3.55	UD	3.55	23.0	ug/m3
100-41-4	Ethyl Benzene	10.2	44.3	D	8.25	21.7	ug/m3
179601-23-1	m/p-Xylene	4.10	17.8	UD	17.8	43.4	ug/m3
95-47-6	o-Xylene	2.10	9.12	UD	9.12	21.7	ug/m3
100-42-5	Styrene	110	468	D	6.81	21.3	ug/m3
75-25-2	Bromoform	0.48	4.96	UD	4.96	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.18	1.24	UD	1.24	2.06	ug/m3
95-49-8	2-Chlorotoluene	1.70	8.80	UD	8.80	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1.80	8.85	UD	8.85	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.80	8.85	UD	8.85	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	0.54	3.25	UD	3.25	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1.30	7.82	UD	7.82	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1.30	7.82	UD	7.82	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	2.10	15.6	UD	15.6	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1.30	13.9	UD	13.9	53.3	ug/m3
106-99-0	1,3-Butadiene	0.51	1.13	UD	1.13	11.1	ug/m3
91-20-3	Naphthalene	0.13	0.68	UD	0.68	5.24	ug/m3
622-96-8	4-Ethyltoluene	2.10	10.3	UD	10.3	24.6	ug/m3
110-54-3	Hexane	6.00	21.1	D	5.64	17.6	ug/m3
107-05-1	Allyl Chloride	1.10	3.44	UD	3.44	15.7	ug/m3
123-91-1	1,4-Dioxane	2.20	7.93	UD	7.93	18.0	ug/m3
80-62-6	Methyl Methacrylate	1.40	5.73	UD	5.73	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135	106%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	124000		2.787			
540-36-3	1,4-Difluorobenzene	342000		3.959			
3114-55-4	Chlorobenzene-d5	293000		8.885			

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Report of Analysis

Client:	GFE LLC	Date Collected:	08/22/25
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	08/22/25
Client Sample ID:	SV1DL	SDG No.:	Q2943
Lab Sample ID:	Q2943-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042883.D	10		08/26/25 13:42	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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\VL082625\
Data File : VL042883.D
Acq On : 26 Aug 2025 13:42
Operator : SY/MD
Sample : Q2943-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:11:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	123837	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.959	114	342269	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.885	117	292713	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	232578	10.595	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.900%				
Target Compounds							Qvalue
9) Propene	1.489	41	2253m	0.260	ppbv		
10) Heptane	4.985	43	2929m	0.126	ppbv		
13) Ethanol	1.722	45	60538	76.420	ppbv		91
15) Acetone	1.839	43	141575m	8.642	ppbv		
17) tert-Butyl alcohol	2.043	59	4272	0.220	ppbv	#	71
19) Isopropyl Alcohol	1.887	45	60497	6.183	ppbv	#	80
20) Methylene Chloride	2.062	84	1771	0.258	ppbv		90
26) Hexane	2.829	57	10952	0.598	ppbv	#	44
29) Chloroform	2.849	83	3846	0.147	ppbv		99
32) 1,1,1-Trichloroethane	3.370	97	1308m	0.047	ppbv		
34) 2-Butanone	2.561	43	4440	0.192	ppbv		99
52) Tetrachloroethene	8.228	164	1120m	0.094	ppbv		
53) Toluene	6.940	91	18030m	0.463	ppbv		
58) Ethyl Benzene	9.361	91	52532	1.017	ppbv		99
59) m/p-Xylene	9.536	91	15268m	0.377	ppbv		
60) o-Xylene	9.966	91	7912	0.194	ppbv		93
61) Styrene	9.872	104	210799	11.047	ppbv		99
74) 1,2,4-Trimethylbenzene	11.539	105	6318	0.137	ppbv	#	51

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042883.D
Acq On : 26 Aug 2025 13:42
Operator : SY/MD
Sample : Q2943-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:11:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations APPROVED

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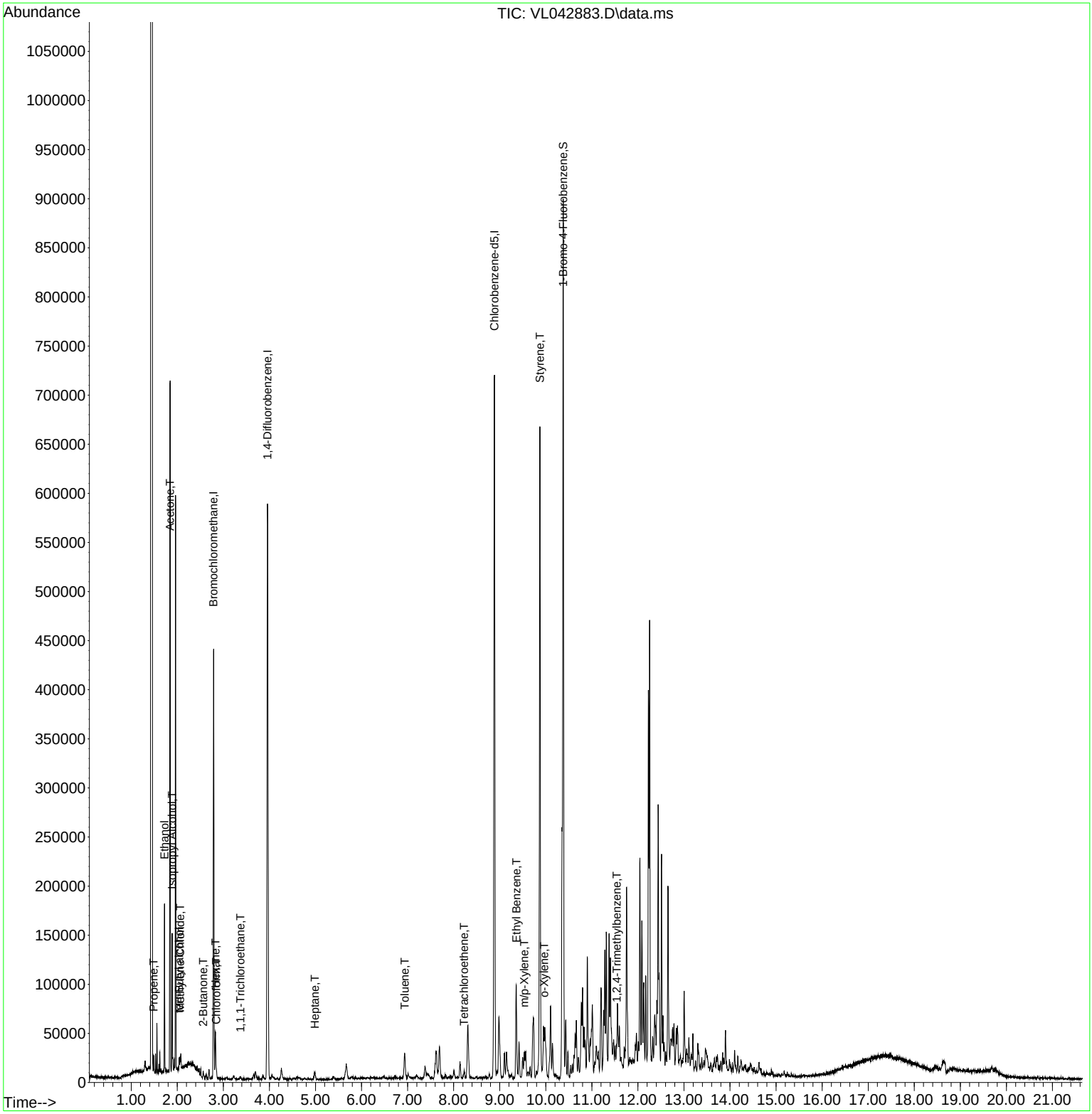
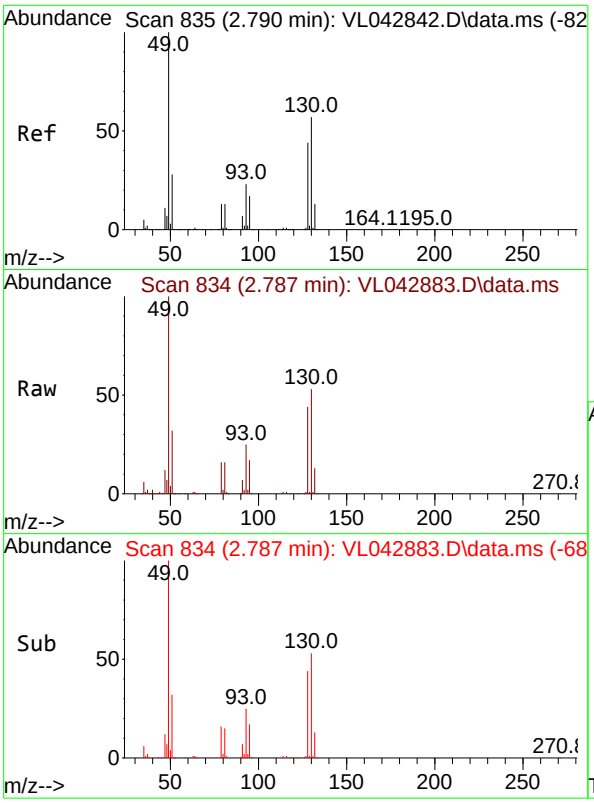
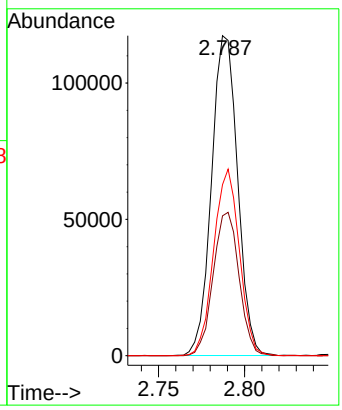




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 49 Resp: 12383

Ion	Ratio	Lower	Upper
49	100		
128	44.5	23.7	71.1
130	57.5	30.6	91.6



Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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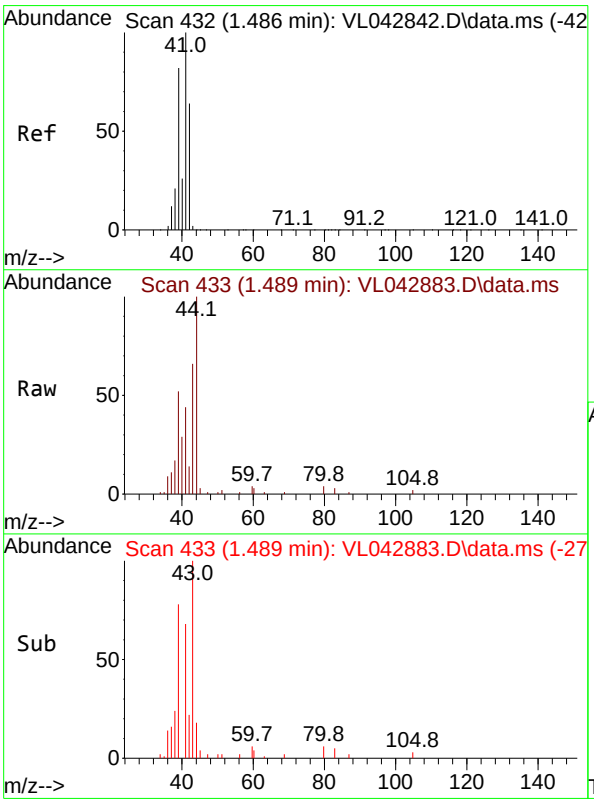
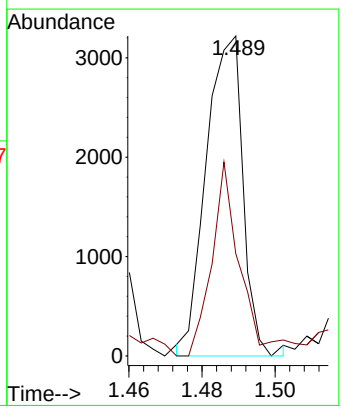
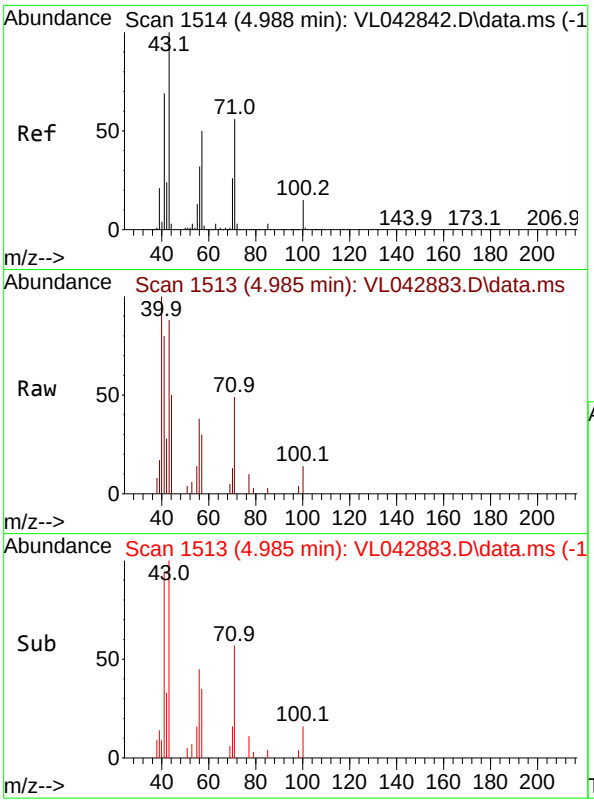


#9
Propene
Concen: 0.260 ppbv m
RT: 1.489 min Scan# 433
Delta R.T. 0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 41 Resp: 2253

Ion	Ratio	Lower	Upper
41	100		
42	167.0	53.0	79.4#





#10
Heptane
Concen: 0.126 ppbv m
RT: 4.985 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 43 Resp: 292

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.4	62.0#

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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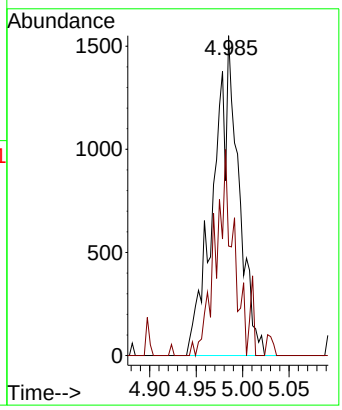
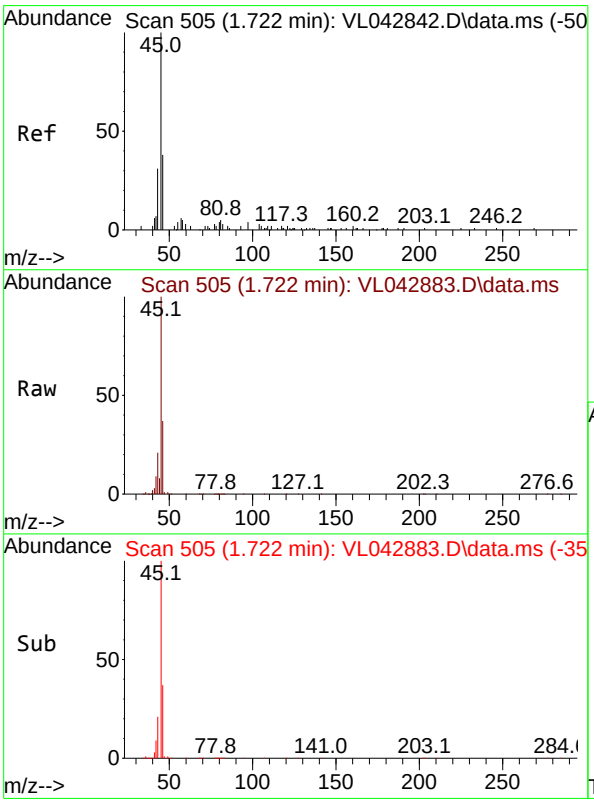
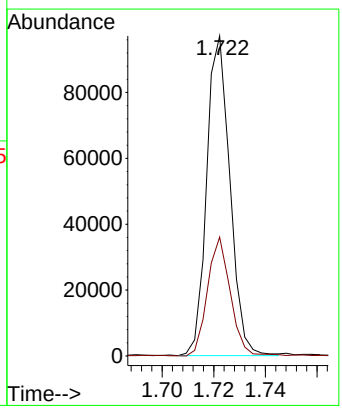


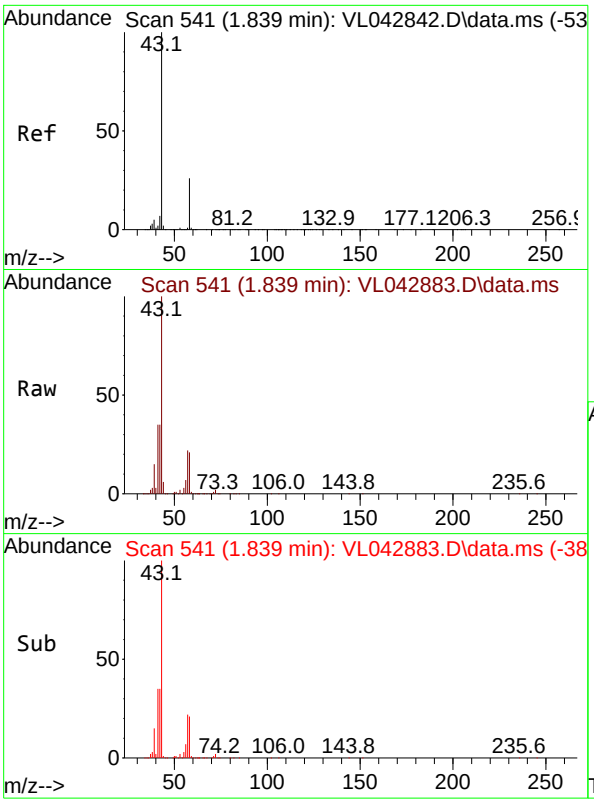


#13
Ethanol
Concen: 76.420 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 45 Resp: 60538

Ion	Ratio	Lower	Upper
45	100		
46	37.7	17.5	69.9





#15
Acetone
Concen: 8.642 ppbv m
RT: 1.839 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 43 Resp: 14157

Ion	Ratio	Lower	Upper
43	100		
58	22.7	22.4	33.6

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/27/2025
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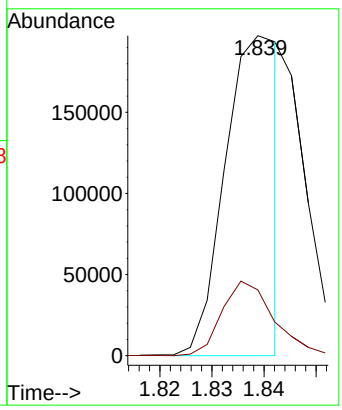
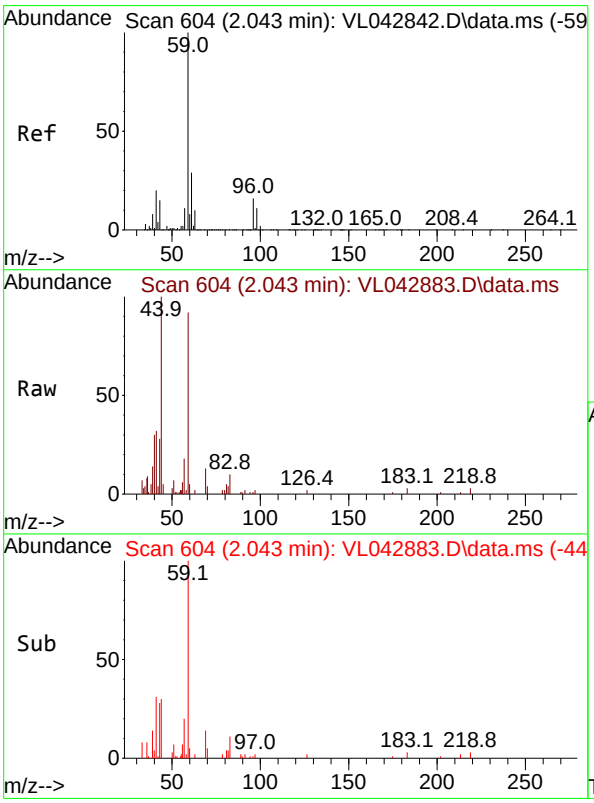
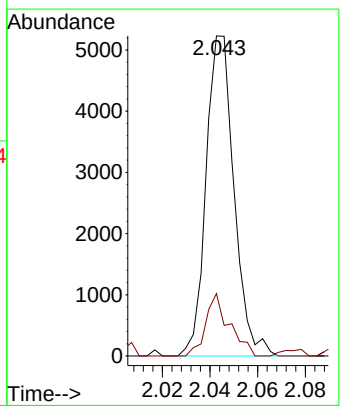


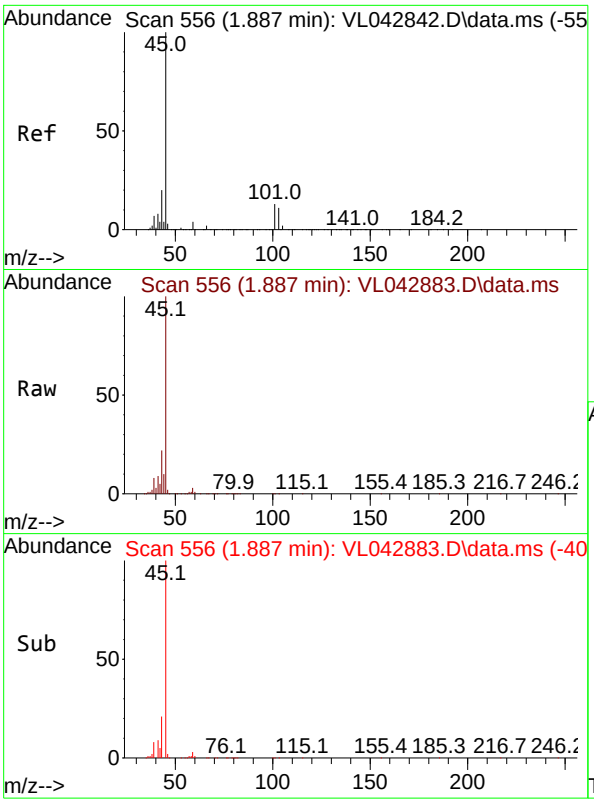


#17
tert-Butyl alcohol
Concen: 0.220 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 59 Resp: 4272

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#





#19
Isopropyl Alcohol
Concen: 6.183 ppbv
RT: 1.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

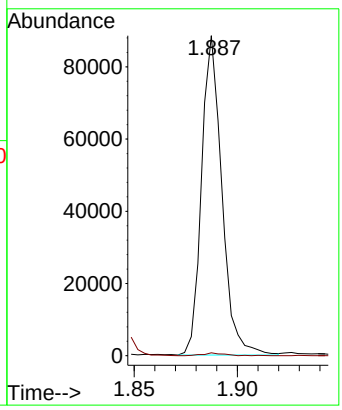
Tgt Ion: 45 Resp: 6049

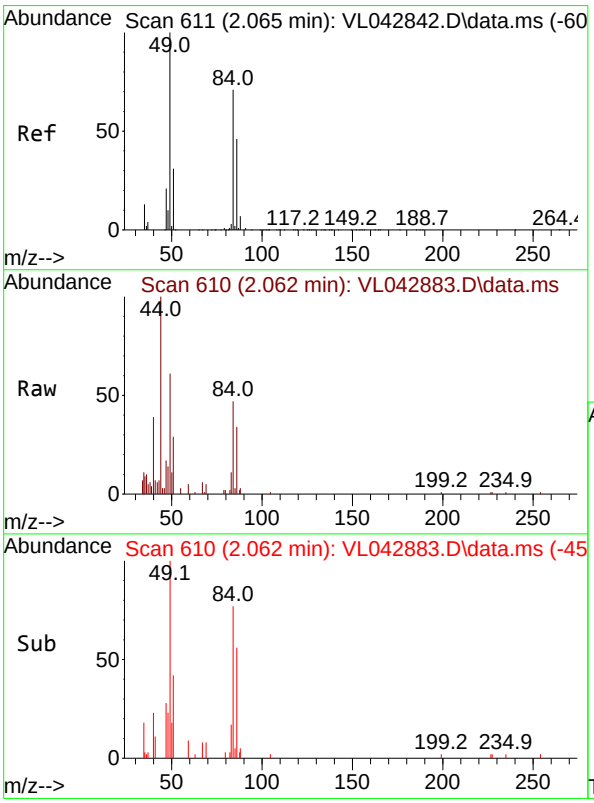
Ion	Ratio	Lower	Upper
45	100		
58	53.2	32.7	49.1#

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

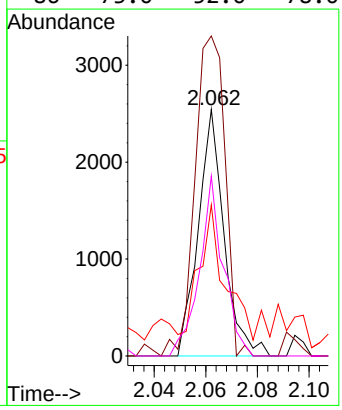


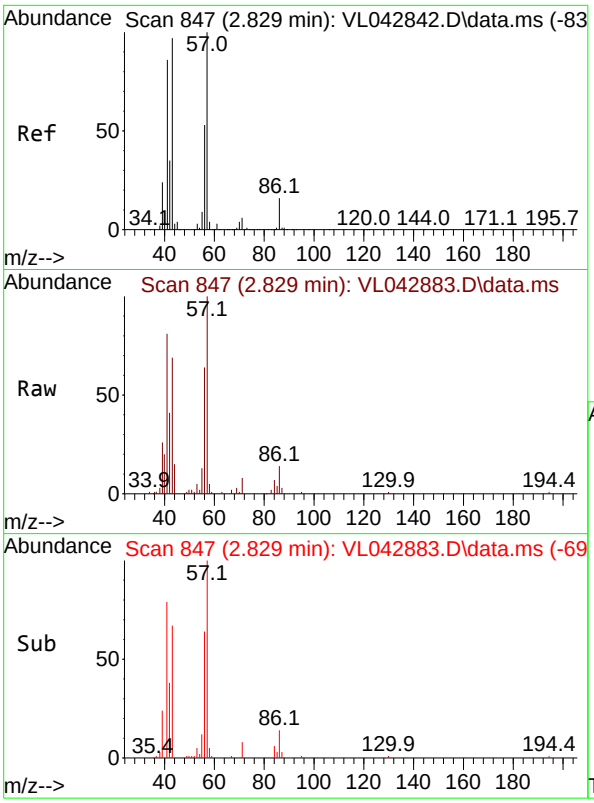


#20
Methylene Chloride
Concen: 0.258 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 84 Resp: 1771

Ion	Ratio	Lower	Upper
84	100		
49	129.8	112.3	168.5
51	52.6	36.0	54.0
86	73.0	52.0	78.0

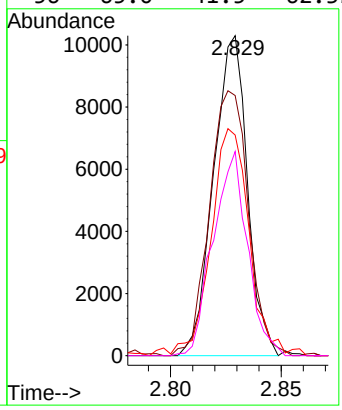




#26
Hexane
Concen: 0.598 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 57 Resp: 1095

Ion	Ratio	Lower	Upper
57	100		
41	96.2	68.6	103.0
43	80.9	168.5	252.7#
56	65.0	41.5	62.3#



Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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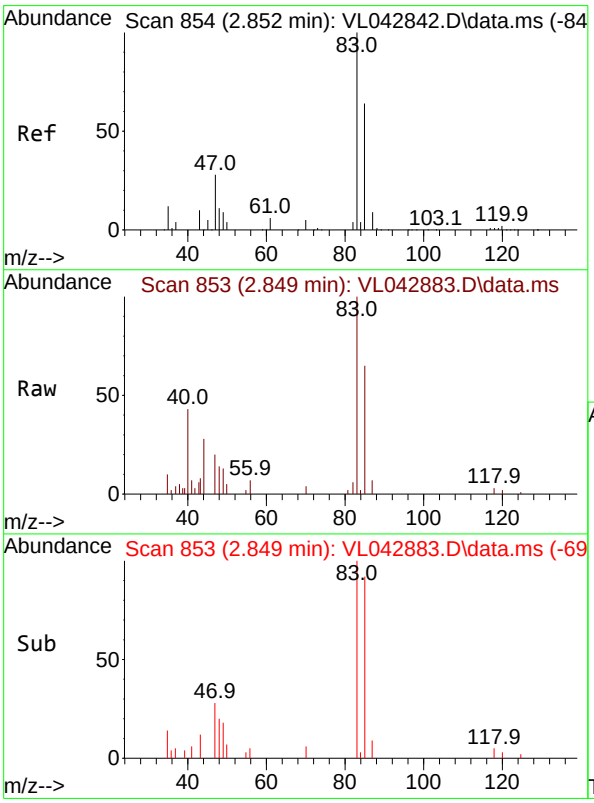
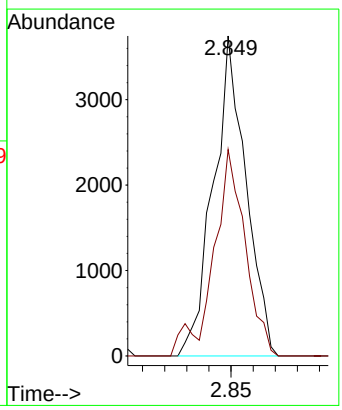
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

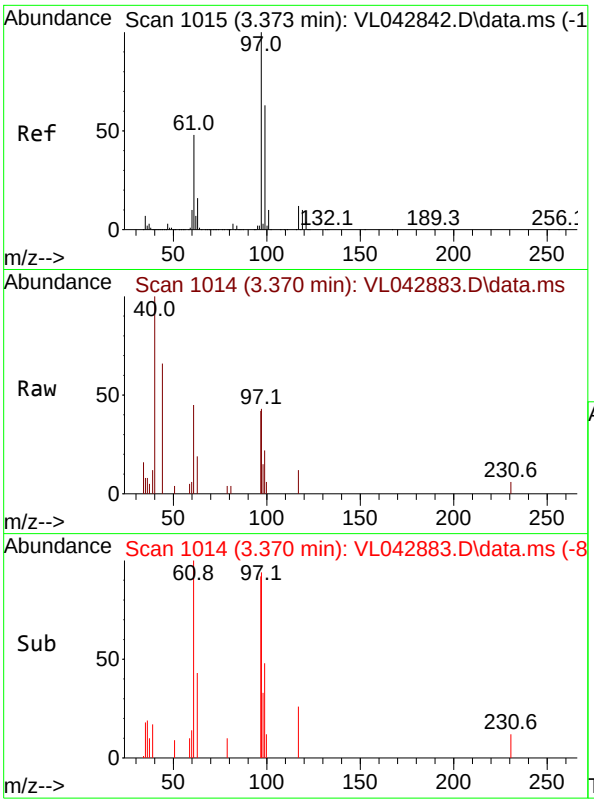


#29
Chloroform
Concen: 0.147 ppbv
RT: 2.849 min Scan# 853
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 83 Resp: 3846

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.1	76.7





#32
1,1,1-Trichloroethane
Concen: 0.047 ppbv m
RT: 3.370 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 97 Resp: 130

Ion	Ratio	Lower	Upper
97	100		
99	51.2	51.0	76.6
61	49.2	38.0	57.0

Instrument :
MSVOA_L
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SV1DL

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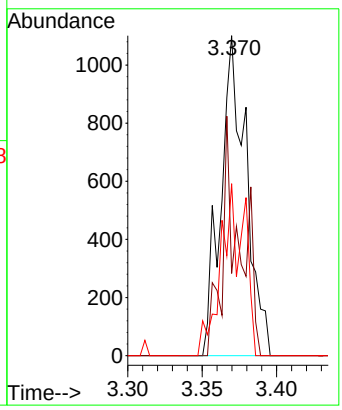
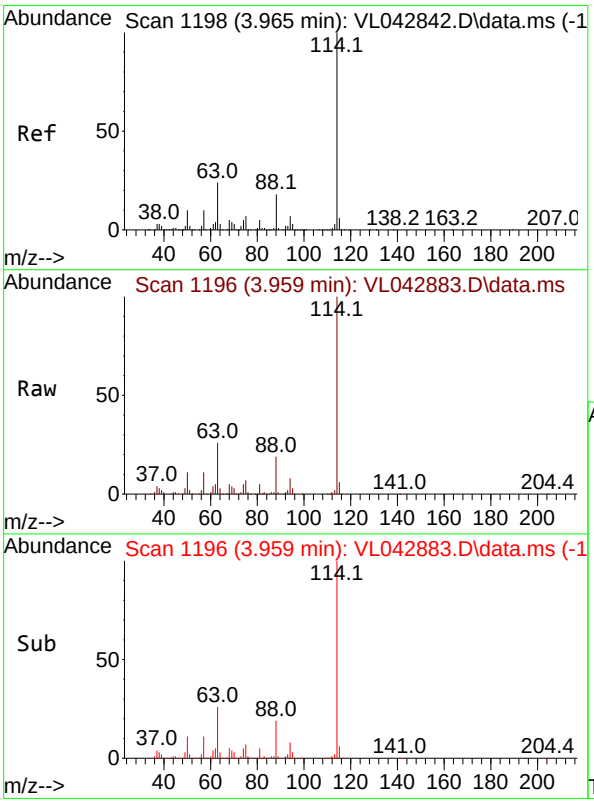
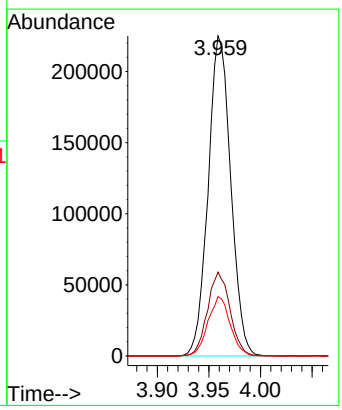


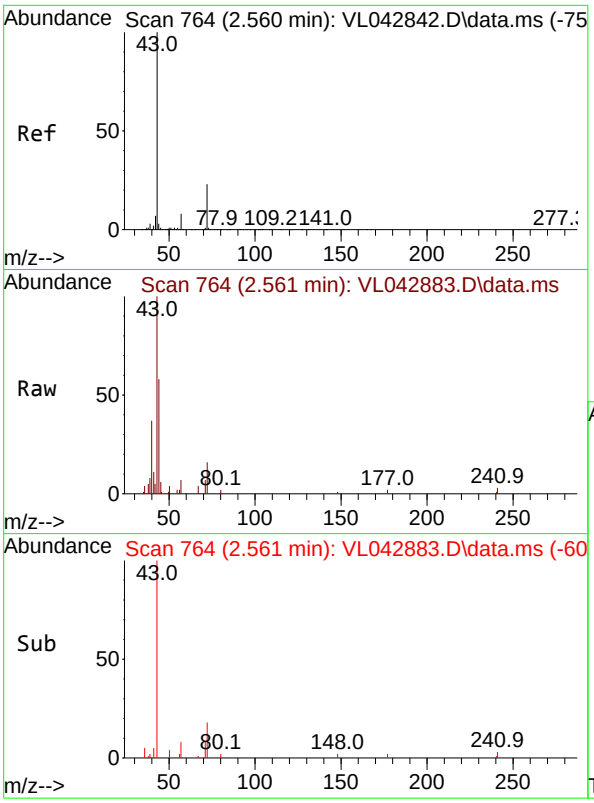


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion:114 Resp: 342269

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.7	29.5
88	18.2	14.4	21.6





#34
2-Butanone
Concen: 0.192 ppbv
RT: 2.561 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

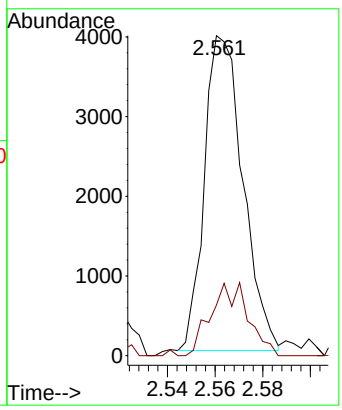
Tgt Ion: 43 Resp: 444(

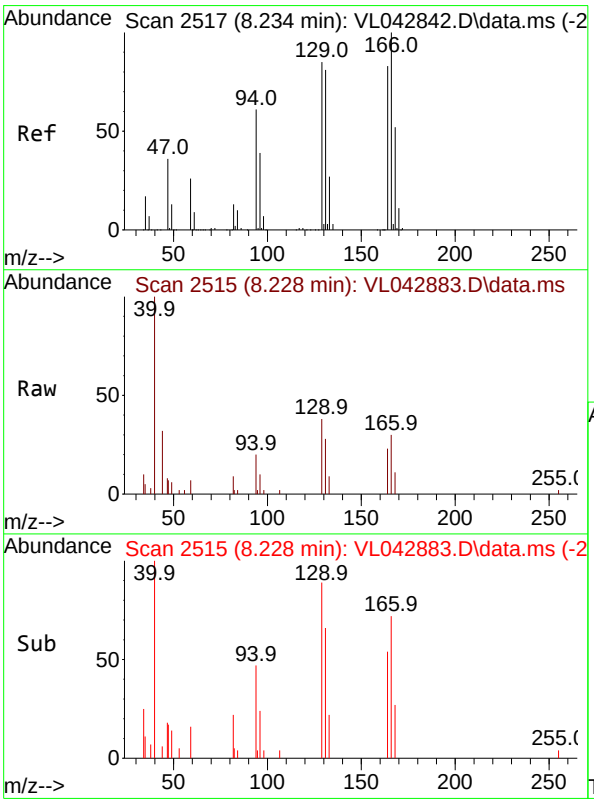
Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.6	28.0

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

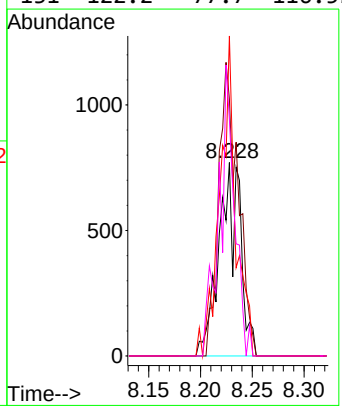


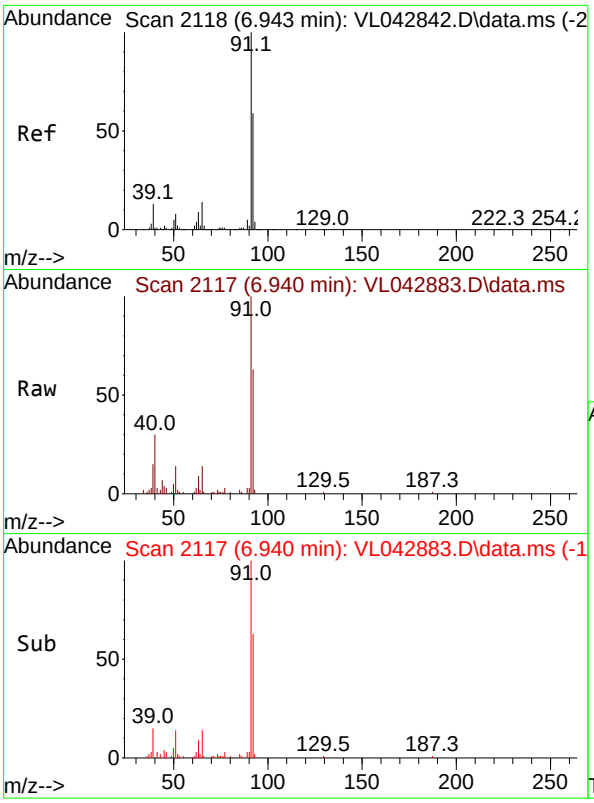


#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 8.228 min Scan# 2515
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion:164 Resp: 1120

Ion	Ratio	Lower	Upper
164	100		
166	132.8	96.5	144.7
129	165.4	81.8	122.6#
131	122.2	77.7	116.5#

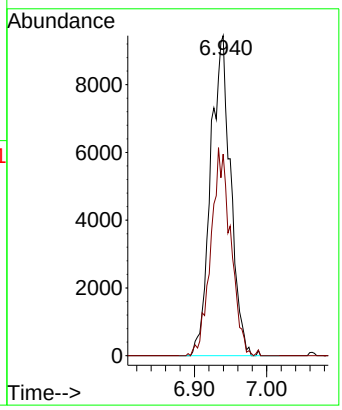




#53
Toluene
Concen: 0.463 ppbv m
RT: 6.940 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 91 Resp: 1803

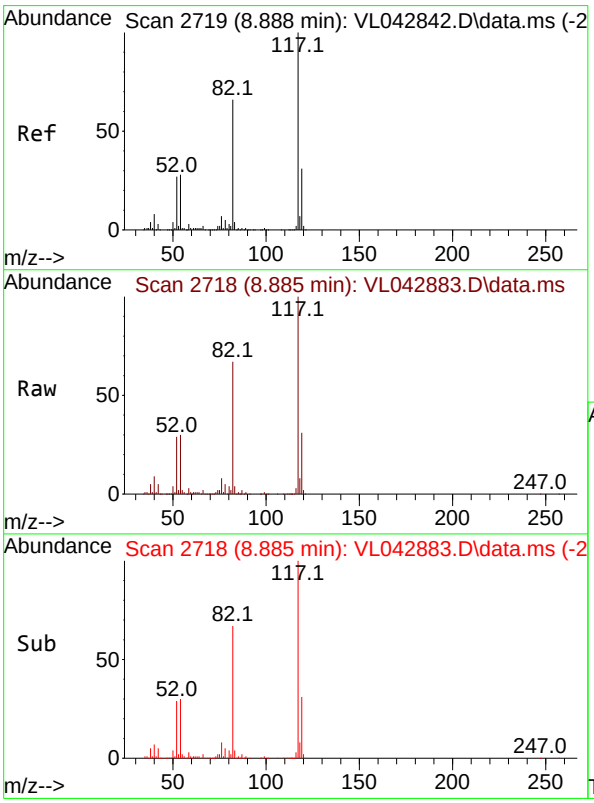
Ion	Ratio	Lower	Upper
91	100		
92	64.9	47.8	71.6



Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

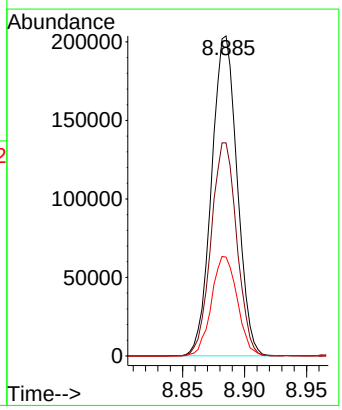
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

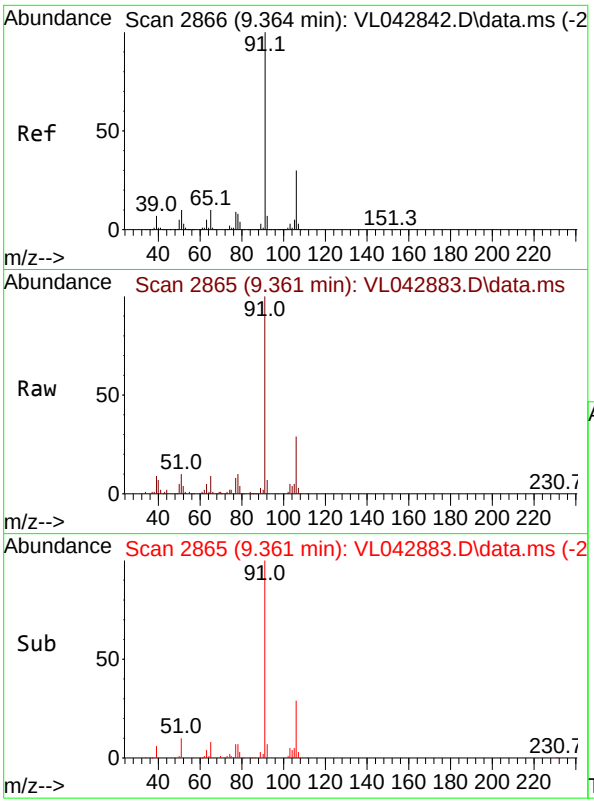


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion:117 Resp: 292713

Ion	Ratio	Lower	Upper
117	100		
82	67.1	54.6	81.8
119	31.6	25.9	38.9





#58
Ethyl Benzene
Concen: 1.017 ppbv
RT: 9.361 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 91 Resp: 5253

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.9	35.9

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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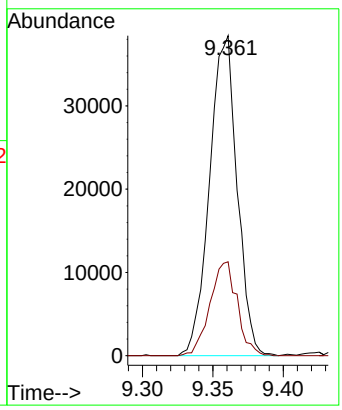
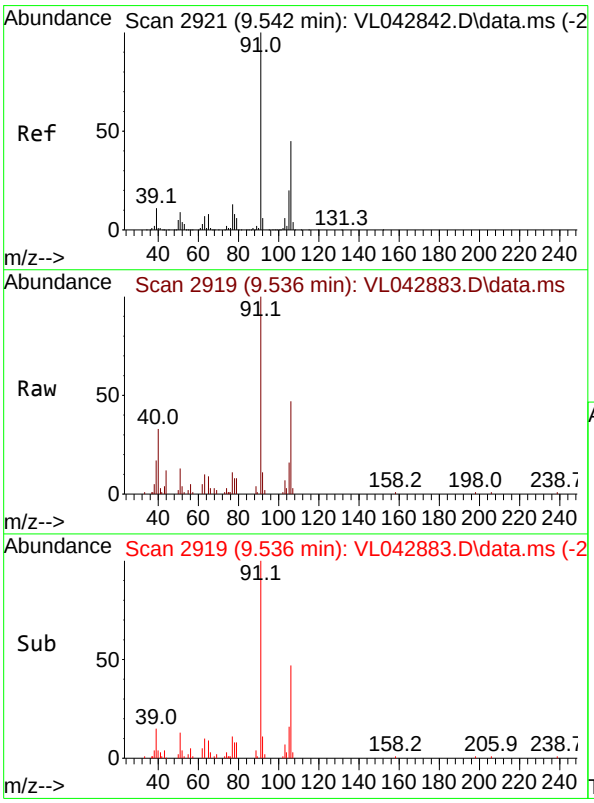
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

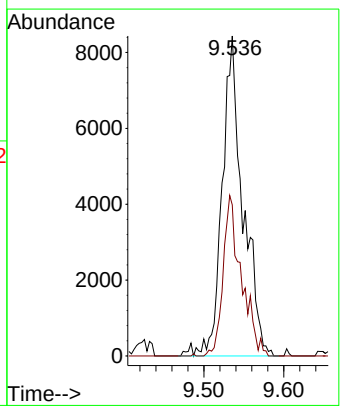


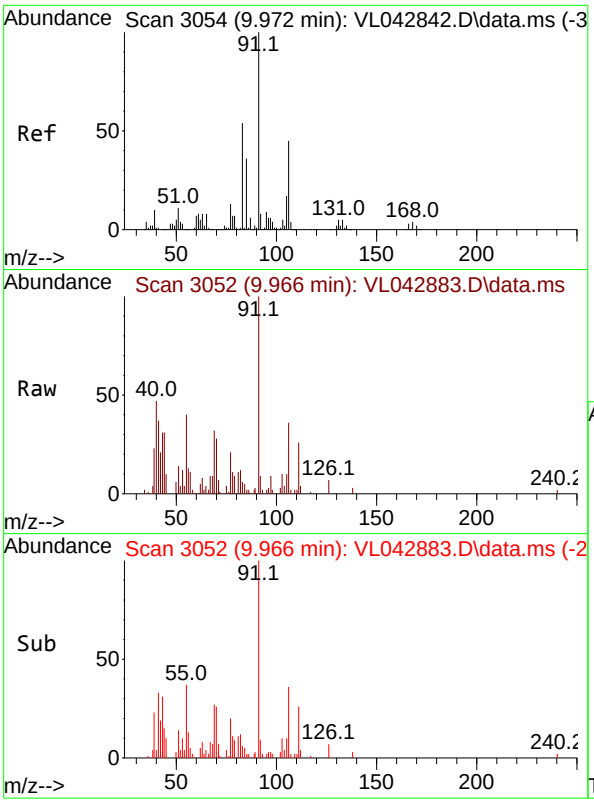


#59
m/p-Xylene
Concen: 0.377 ppbv m
RT: 9.536 min Scan# 2919
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 91 Resp: 15268

Ion	Ratio	Lower	Upper
91	100		
106	44.1	0.0	0.0#





#60
o-Xylene
Concen: 0.194 ppbv
RT: 9.966 min Scan# 3
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 91 Resp: 791

Ion	Ratio	Lower	Upper
91	100		
106	39.0	21.8	65.4

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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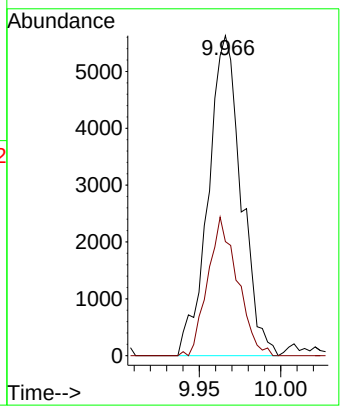
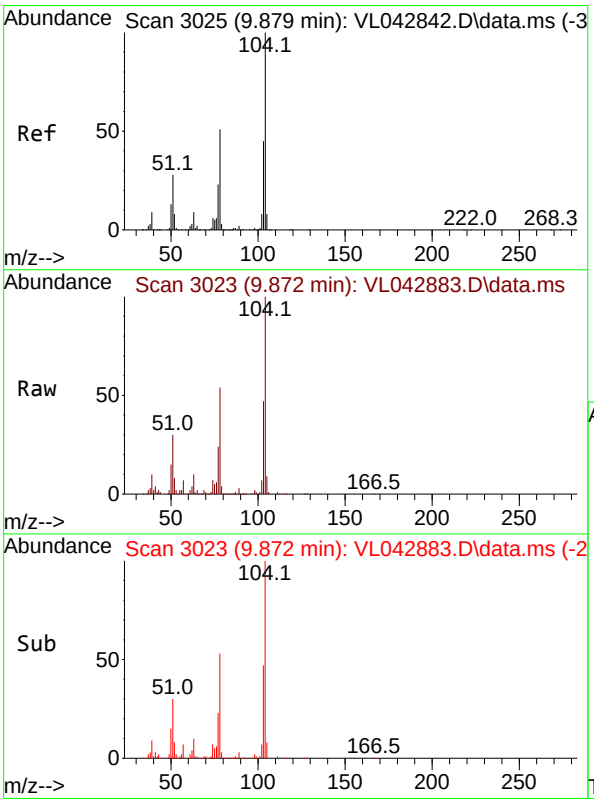
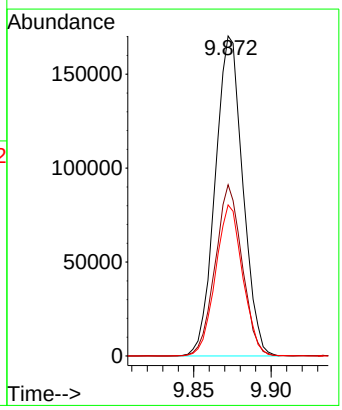


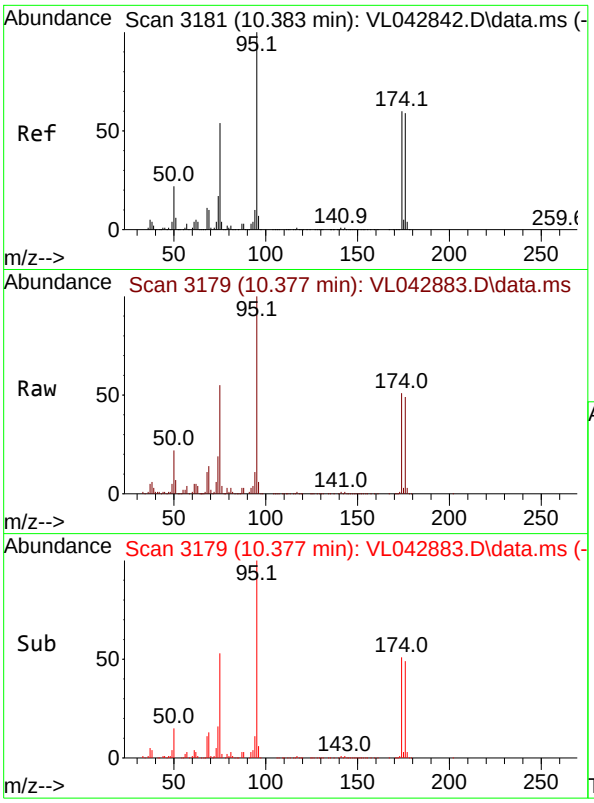


#61
Styrene
Concen: 11.047 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion:104 Resp: 210799

Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	61.0
103	46.6	37.7	56.5

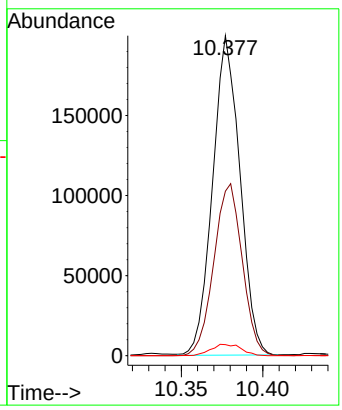




#68
1-Bromo-4-Fluorobenzene
Concen: 10.595 ppbv
RT: 10.377 min Scan# 3
Delta R.T. -0.006 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion: 95 Resp: 23257

Ion	Ratio	Lower	Upper
95	100		
174	55.9	48.4	72.6
175	4.0	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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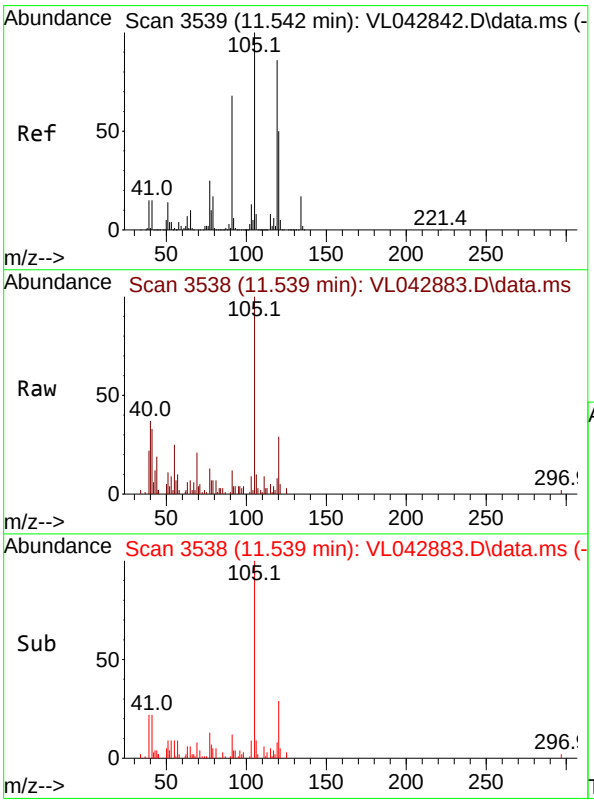
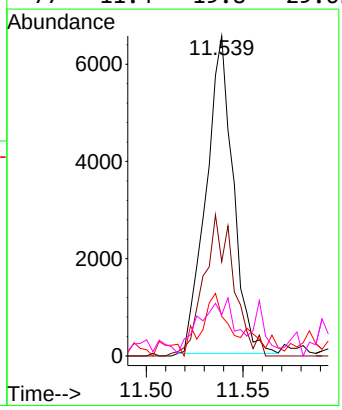


#74
1,2,4-Trimethylbenzene
Concen: 0.137 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042883.D
Acq: 26 Aug 2025 13:42

Tgt Ion:105 Resp: 6318

Ion	Ratio	Lower	Upper
105	100		
120	29.7	39.8	59.6#
91	9.9	54.2	81.4#
77	11.4	19.8	29.6#



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.: Q2943

Instrument ID: MSVOA_L Calibration Date(s): 08/13/2025 08/13/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:30 12:06

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

LAB FILE ID: RRF010 = VL042842.D RRF002 = VL042843.D RRF001 = VL042844.D
RRF0.5 = VL042845.D RRF0.1 = VL042846.D RRF.03 = VL042847.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	1.343	1.511	1.525	1.566			1.466	6.6
Chloromethane	0.533	0.606	0.618	0.648			0.591	8.1
Vinyl Chloride	0.502	0.550	0.559	0.593	0.639	0.728	0.582	13.7
Bromomethane	0.203	0.239	0.268	0.248			0.233	12.1
Chloroethane	0.202	0.219	0.240	0.266			0.227	11.5
Tetrahydrofuran	0.355	0.392	0.389	0.395			0.376	5.6
Trichlorofluoromethane	1.271	1.467	1.533	1.614			1.446	9.6
1,1,2-Trichlorotrifluoroethane	1.047	1.189	1.202	1.259			1.152	8
Dichlorotetrafluoroethane	1.122	1.245	1.235	1.274			1.199	6
tert-Butyl alcohol	1.371	1.557	1.660	1.920			1.569	15.1
Heptane	1.718	1.917	2.011	2.009			1.874	8
1,1-Dichloroethene	0.469	0.532	0.509	0.552			0.507	7.2
Acetone	0.950	1.476	1.475	1.708			1.323	24.9
Carbon Disulfide	1.314	1.511	1.513	1.504			1.438	6.8
Methyl tert-Butyl Ether	0.661	0.817	0.747	0.833			0.754	9.6
Methylene Chloride	0.414	0.544	0.596	0.792			0.554	27.8
trans-1,2-Dichloroethene	0.537	0.604	0.613	0.630			0.586	7.1
1,1-Dichloroethane	1.040	1.185	1.223	1.317			1.171	9.4
Cyclohexane	1.214	1.340	1.283	1.425			1.296	6.9
2-Butanone	0.610	0.700	0.702	0.753			0.675	9.3
Carbon Tetrachloride	0.636	0.692	0.700	0.682	0.738	0.736	0.689	5.8
cis-1,2-Dichloroethene	1.346	1.524	1.524	1.625			1.476	8.1
Chloroform	1.932	2.166	2.183	2.299			2.110	7.3
1,1,1-Trichloroethane	1.999	2.215	2.148	2.209	2.528	2.448	2.230	8.7
2,2,4-Trimethylpentane	1.515	1.676	1.719	1.728			1.625	7.1
Benzene	0.912	0.990	0.978	1.013			0.958	5.3
1,2-Dichloroethane	0.483	0.503	0.516	0.512			0.500	2.9
Trichloroethene	0.399	0.453	0.448	0.501	0.448	0.416	0.437	8.3
1,2-Dichloropropane	0.324	0.356	0.365	0.378			0.350	6.8
Bromodichloromethane	0.708	0.777	0.742	0.786			0.745	4.8

* 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.

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.: Q2943

Instrument ID: MSVOA_L Calibration Date(s): 08/13/2025 08/13/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:30 12:06

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

LAB FILE ID: RRF010 = VL042842.D RRF002 = VL042843.D RRF001 = VL042844.D
RRF0.5 = VL042845.D RRF0.1 = VL042846.D RRF.03 = VL042847.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
4-Methyl-2-Pentanone	0.881	0.946	0.917	0.960			0.913	4.7
Toluene	1.072	1.160	1.181	1.219			1.138	6.1
t-1,3-Dichloropropene	0.428	0.456	0.464	0.450			0.445	3.7
cis-1,3-Dichloropropene	0.539	0.578	0.559	0.568			0.555	3.7
1,1,2-Trichloroethane	0.341	0.386	0.382	0.395			0.371	6.5
Dibromochloromethane	0.584	0.632	0.605	0.596			0.600	3.4
1,2-Dibromoethane	0.506	0.552	0.532	0.549	0.599		0.542	6.2
Tetrachloroethene	0.313	0.345	0.333	0.369	0.379	0.391	0.346	10.2
Chlorobenzene	0.878	0.994	0.990	1.026			0.951	7.7
Ethyl Benzene	1.636	1.838	1.866	1.854			1.765	6.8
m/p-Xylene	1.283	1.455	1.454	1.447			1.383	6.8
o-Xylene	1.266	1.445	1.472	1.532			1.391	9.3
Styrene	0.610	0.660	0.677	0.711			0.652	7.1
Bromoform	0.491	0.535	0.514	0.466			0.495	6.1
1,1,2,2-Tetrachloroethane	0.674	0.772	0.784	0.795	0.774	0.881	0.765	9.4
2-Chlorotoluene	1.418	1.641	1.719	1.709			1.579	9.8
1,3,5-Trimethylbenzene	1.293	1.512	1.535	1.548			1.434	9.4
1,2,4-Trimethylbenzene	1.394	1.698	1.706	1.710			1.574	11.3
1,3-Dichlorobenzene	0.831	0.967	0.946	0.937			0.895	8.6
1,4-Dichlorobenzene	0.833	0.978	0.946	0.966			0.905	8.9
1,2-Dichlorobenzene	0.781	0.947	0.956	0.937			0.876	11
1,2,4-Trichlorobenzene	0.661	0.855	0.797	0.623			0.717	14.2
Hexachloro-1,3-Butadiene	0.572	0.804	0.845	0.814			0.718	19.7
1,3-Butadiene	0.500	0.579	0.633	0.783			0.600	19.5
Naphthalene	1.315	1.746	1.647	1.383	1.174		1.427	15.5
4-Ethyltoluene	1.563	1.784	1.806	1.738			1.687	7.4
1-Bromo-4-Fluorobenzene	0.755	0.744	0.760	0.755	0.746	0.736	0.750	1.1
Hexane	1.392	1.522	1.552	1.557			1.478	6.2
Allyl Chloride	0.850	0.945	0.902	1.122			0.935	12
1,4-Dioxane	148.388	165.505	184.509	188.914			166.304	12.2

* 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.

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.: Q2943

Instrument ID: MSVOA_L Calibration Date(s): 08/13/2025 08/13/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:30 12:06

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

LAB FILE ID: RRF010 = VL042842.D RRF002 = VL042843.D RRF001 = VL042844.D
RRF0.5 = VL042845.D RRF0.1 = VL042846.D RRF.03 = VL042847.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Methyl Methacrylate	0.368	0.415	0.402	0.427			0.394	7.3

* 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 : VL081325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Thu Aug 14 02:12:54 2025
Response Via : Initial Calibration

Calibration Files
0.03=VL042847.D 0.1 =VL042846.D 0.5 =VL042845.D 1 =VL042844.D 2 =VL042843.D 10 =VL042842.D 15 =VL042848.D

		Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------								
2)	T	Dichlorodifluo...			1.566	1.525	1.511	1.343	1.383	1.466	6.61
3)		Chlorodifluoro...			1.752	1.621	1.714	1.509	1.504	1.620	7.05
4)		Chloromethane			0.648	0.618	0.606	0.533	0.551	0.591	8.09
5)	T	Vinyl Chloride	0.728	0.639	0.593	0.559	0.550	0.502	0.507	0.582	13.72
6)	T	Bromomethane			0.248	0.268	0.239	0.203	0.206	0.233	12.06
7)		Chloroethane			0.266	0.240	0.219	0.202	0.210	0.227	11.46
8)	T	Dichlorotetraf...			1.273	1.235	1.245	1.122	1.122	1.199	6.02
9)	T	Propene			0.824	0.692	0.715	0.656	0.611	0.700	11.40
10)	T	Heptane			2.009	2.011	1.917	1.718	1.713	1.874	7.96
11)	T	Trichlorofluor...			1.614	1.533	1.467	1.271	1.345	1.446	9.59
12)	T	1,1,2-Trichlor...			1.259	1.202	1.189	1.047	1.066	1.152	7.95
13)		Ethanol			0.089	0.069	0.070	0.046	0.047	0.064	27.87
14)	T	Bromoethene			0.462	0.416	0.436	0.381	0.391	0.417	7.89
15)	T	Acetone			1.708	1.475	1.476	0.950	1.005	1.323	24.92
16)	T	1,3-Butadiene			0.783	0.633	0.579	0.500	0.503	0.600	19.47
17)		tert-Butyl alc...			1.920	1.660	1.557	1.371	1.335	1.569	15.14
18)	T	1,1-Dichloroet...			0.552	0.509	0.532	0.469	0.472	0.507	7.21
19)	T	Isopropyl Alcohol			0.976	0.847	0.799	0.649	0.679	0.790	16.79
20)	T	Methylene Chlo...			0.792	0.596	0.544	0.414	0.425	0.554	27.79
21)	T	Allyl Chloride			1.122	0.902	0.945	0.850	0.854	0.935	11.98
22)	T	trans-1,2-Dich...			0.630	0.613	0.604	0.537	0.546	0.586	7.10
23)	T	Vinyl Acetate			2.161	1.733	1.849	1.663	1.689	1.819	11.22
24)	T	1,1-Dichloroet...			1.317	1.223	1.185	1.040	1.088	1.171	9.38
25)	T	Ethyl Acetate			3.491	3.346	3.324	2.932	2.914	3.202	8.19
26)	T	Hexane			1.557	1.552	1.522	1.392	1.366	1.478	6.19
27)	T	Carbon Disulfide			1.504	1.513	1.511	1.314	1.348	1.438	6.84
28)	T	Methyl tert-Bu...			0.833	0.747	0.817	0.661	0.710	0.754	9.61
29)	T	Chloroform			2.299	2.183	2.166	1.932	1.970	2.110	7.32
30)	T	Cyclohexane			1.425	1.283	1.340	1.214	1.217	1.296	6.87
31)	T	cis-1,2-Dichlo...			1.625	1.524	1.524	1.346	1.362	1.476	8.06
32)	T	1,1,1-Trichlor...	2.448	2.528	2.209	2.148	2.215	1.999	2.063	2.230	8.69
33)	I	1,4-Difluorobenzene	----------ISTD----------								
34)	T	2-Butanone			0.753	0.702	0.700	0.610	0.611	0.675	9.33
35)	T	Carbon Tetrach...	0.736	0.738	0.682	0.700	0.692	0.636	0.643	0.689	5.84
36)	T	Benzene			1.013	0.978	0.990	0.912	0.896	0.958	5.33
37)	T	1,2-Dichloroet...			0.512	0.516	0.503	0.483	0.488	0.500	2.87
38)	T	Trichloroethene	0.416	0.448	0.501	0.448	0.453	0.399	0.397	0.437	8.35
39)	T	1,2-Dichloropr...			0.378	0.365	0.356	0.324	0.326	0.350	6.84

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL081325AIR.M

40)	T	1,4-Dioxane		0.189	0.185	0.166	0.148	0.144	0.166	12.22
41)	T	Tetrahydrofuran		0.395	0.389	0.392	0.355	0.351	0.376	5.64
42)	T	Bromodichlorom...		0.786	0.742	0.777	0.708	0.714	0.745	4.77
43)		Methyl Methacr...		0.427	0.402	0.415	0.368	0.362	0.394	7.31
44)	T	2,2,4-Trimethy...		1.728	1.719	1.676	1.515	1.489	1.625	7.06
45)	T	t-1,3-Dichloro...		0.450	0.464	0.456	0.428	0.427	0.445	3.73
46)	T	cis-1,3-Dichlo...		0.568	0.559	0.578	0.539	0.529	0.555	3.67
47)	T	1,1,2-Trichlor...		0.395	0.382	0.386	0.341	0.348	0.371	6.52
48)	T	Dibromochlorom...		0.596	0.605	0.632	0.584	0.581	0.600	3.44
49)	T	Bromoform		0.466	0.514	0.535	0.491	0.467	0.495	6.07
50)	T	4-Methyl-2-Pen...		0.960	0.917	0.946	0.881	0.859	0.913	4.67
51)	T	2-Hexanone		0.723	0.737	0.750	0.699	0.683	0.718	3.82
52)	T	Tetrachloroethene	0.391	0.379	0.369	0.333	0.345	0.313	0.295	0.346	10.19
53)	T	Toluene		1.219	1.180	1.160	1.072	1.061	1.138	6.09
54)	T	1,2-Dibromoethane	0.599	0.549	0.532	0.552	0.506	0.512	0.542	6.24
55)	I	Chlorobenzene-d5	----------ISTD----------							
56)		1,1,1,2-Tetrac...		0.534	0.549	0.551	0.476	0.476	0.517	7.39
57)	T	Chlorobenzene		1.026	0.990	0.994	0.878	0.866	0.951	7.68
58)	T	Ethyl Benzene		1.854	1.866	1.838	1.636	1.630	1.765	6.84
59)	T	m/p-Xylene		1.447	1.454	1.455	1.283	1.277	1.383	6.81
60)	T	o-Xylene		1.532	1.472	1.445	1.266	1.242	1.391	9.31
61)	T	Styrene		0.711	0.677	0.660	0.610	0.601	0.652	7.09
62)		Isopropylbenzene		2.149	2.194	2.133	1.852	1.838	2.033	8.53
63)	T	1,1,2,2-Tetrac...	0.881	0.774	0.795	0.784	0.772	0.674	0.677	0.765	9.39
64)		n-propylbenzene		0.570	0.528	0.549	0.475	0.472	0.519	8.47
65)		tert-Butylbenzene		1.907	1.991	1.910	1.605	1.549	1.793	11.19
66)	T	Benzyl Chloride		0.232	0.226	0.246	0.227	0.207	0.228	6.21
67)		sec-Butylbenzene		2.669	2.754	2.706	2.250	2.202	2.516	10.62
68)	S	1-Bromo-4-Fluo...	0.736	0.746	0.755	0.760	0.744	0.755	0.754	0.750	1.09
69)		p-Isopropyltol...		2.338	2.372	2.328	1.905	1.856	2.160	11.85
70)		n-Butylbenzene		2.234	2.303	2.333	1.927	1.915	2.142	9.58
71)		2-Chlorotoluene		1.709	1.719	1.641	1.418	1.408	1.579	9.77
72)	T	4-Ethyltoluene		1.738	1.806	1.784	1.563	1.543	1.687	7.39
73)	T	1,3,5-Trimethy...		1.548	1.535	1.512	1.293	1.283	1.434	9.37
74)	T	1,2,4-Trimethy...		1.710	1.706	1.698	1.394	1.365	1.574	11.33
75)	T	1,3-Dichlorobe...		0.937	0.946	0.967	0.831	0.795	0.895	8.59
76)	T	1,4-Dichlorobe...		0.966	0.946	0.978	0.833	0.803	0.905	8.93
77)	T	1,2-Dichlorobe...		0.937	0.956	0.947	0.781	0.761	0.876	11.03
78)	T	Hexachloro-1,3...		0.814	0.845	0.804	0.572	0.556	0.718	19.74
79)	T	Naphthalene	1.174	1.383	1.647	1.746	1.315	1.300	1.427	15.50
80)	T	Naphthalene,2-...		0.430	0.554	0.708	0.478	0.497	0.533	20.15
81)	T	1,2,4-Trichlor...		0.623	0.797	0.855	0.661	0.650	0.717	14.24

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042842.D
Acq On : 13 Aug 2025 08:30
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:45:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	133104	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	413632	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	370372	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	279557	10.064	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	178799	9.166	ppbv	100
3) Chlorodifluoromethane	1.476	51	200866	9.306	ppbv	100
4) Chloromethane	1.534	50	70952	9.013	ppbv	100
5) Vinyl Chloride	1.583	62	66768	8.612	ppbv	100
6) Bromomethane	1.670	94	26964	8.698	ppbv	100
7) Chloroethane	1.706	64	26884	8.879	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	149341	9.355	ppbv	100
9) Propene	1.486	41	87352	9.380	ppbv	100
10) Heptane	4.988	43	228679	9.186	ppbv	100
11) Trichlorofluoromethane	1.881	101	169157	8.789	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	139340	9.083	ppbv	100
13) Ethanol	1.722	45	6172	6.690	ppbv	100
14) Bromoethene	1.784	108	50730	9.135	ppbv	100
15) Acetone	1.839	43	126419	7.180	ppbv	100
16) 1,3-Butadiene	1.612	39	66595	8.343	ppbv	100
17) tert-Butyl alcohol	2.043	59	182511	8.741	ppbv	100
18) 1,1-Dichloroethene	2.036	96	62397	9.252	ppbv	100
19) Isopropyl Alcohol	1.887	45	86367	8.213	ppbv	100
20) Methylene Chloride	2.065	84	55107	7.471	ppbv	100
21) Allyl Chloride	2.098	41	113105	9.093	ppbv	100
22) trans-1,2-Dichloroethene	2.344	96	71518	9.482	ppbv	100
23) Vinyl Acetate	2.467	43	221395	9.558	ppbv	100
24) 1,1-Dichloroethane	2.412	63	138444	8.885	ppbv	100
25) Ethyl Acetate	2.839	43	390295	9.159	ppbv	100
26) Hexane	2.829	57	185288	9.420	ppbv	100
27) Carbon Disulfide	2.153	76	174928	9.138	ppbv	100
28) Methyl tert-Butyl Ether	2.444	73	87929	8.767	ppbv	100
29) Chloroform	2.852	83	257176	9.158	ppbv	100
30) Cyclohexane	3.862	84	161540	9.367	ppbv	100
31) cis-1,2-Dichloroethene	2.726	61	179162	9.107	ppbv	100
32) 1,1,1-Trichloroethane	3.373	97	266021	8.946	ppbv	100
34) 2-Butanone	2.560	43	252300	9.033	ppbv	100
35) Carbon Tetrachloride	3.771	117	262983	9.222	ppbv	100
36) Benzene	3.664	78	377113	9.521	ppbv	100
37) 1,2-Dichloroethane	3.224	62	199762	9.653	ppbv	100
38) Trichloroethene	4.557	130	164881	9.115	ppbv	100
39) 1,2-Dichloropropane	4.324	63	133996	9.263	ppbv	100
40) 1,4-Dioxane	4.590	88	61378	9.064	ppbv #	100
41) Tetrahydrofuran	3.059	42	147025	9.442	ppbv	100
42) Bromodichloromethane	4.499	83	292909	9.499	ppbv	100
43) Methyl Methacrylate	4.891	69	152035	9.357	ppbv	100
44) 2,2,4-Trimethylpentane	4.648	57	626465	9.420	ppbv	100
45) t-1,3-Dichloropropene	6.425	75	177207	9.616	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042842.D
Acq On : 13 Aug 2025 08:30
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
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Quant Time: Aug 14 01:45:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	222921	9.635	ppbv		100
47) 1,1,2-Trichloroethane	6.590	97	141105	9.215	ppbv		100
48) Dibromochloromethane	7.396	129	241553	9.739	ppbv		100
49) Bromoform	9.490	173	202975	9.923	ppbv		100
50) 4-Methyl-2-Pentanone	5.761	43	364306	9.616	ppbv		100
51) 2-Hexanone	7.441	43	289052	9.730	ppbv	#	100
52) Tetrachloroethene	8.234	164	129484	9.026	ppbv		100
53) Toluene	6.943	91	443400	9.407	ppbv		100
54) 1,2-Dibromoethane	7.661	107	209330	9.345	ppbv		100
56) 1,1,1,2-Tetrachloroethane	8.933	131	176135	9.196	ppbv		100
57) Chlorobenzene	8.930	112	325303	9.237	ppbv		100
58) Ethyl Benzene	9.364	91	605785	9.268	ppbv		100
59) m/p-Xylene	9.542	91	950548m	18.524	ppbv		
60) o-Xylene	9.972	91	469073	9.102	ppbv		100
61) Styrene	9.879	104	226056	9.362	ppbv		100
62) Isopropylbenzene	10.549	105	685983	9.108	ppbv		100
63) 1,1,2,2-Tetrachloroethane	9.972	83	249621	8.870	ppbv		100
64) n-propylbenzene	10.995	120	175986	9.158	ppbv		100
65) tert-Butylbenzene	11.539	119	594314	8.951	ppbv		100
66) Benzyl Chloride	11.620	91	84156	9.985	ppbv		100
67) sec-Butylbenzene	11.772	105	833378	8.943	ppbv		100
69) p-Isopropyltoluene	11.931	119	705700	8.820	ppbv		100
70) n-Butylbenzene	12.287	91	713713	8.995	ppbv		100
71) 2-Chlorotoluene	10.908	91	525235	8.981	ppbv		100
72) 4-Ethyltoluene	11.131	105	578931	9.267	ppbv		100
73) 1,3,5-Trimethylbenzene	11.209	105	478784	9.012	ppbv		100
74) 1,2,4-Trimethylbenzene	11.542	105	516253	8.853	ppbv		100
75) 1,3-Dichlorobenzene	11.613	146	307640	9.280	ppbv		100
76) 1,4-Dichlorobenzene	11.678	146	308542	9.203	ppbv		100
77) 1,2-Dichlorobenzene	11.953	146	289119	8.907	ppbv		100
78) Hexachloro-1,3-Butadiene	13.885	225	211996	7.968	ppbv		100
79) Naphthalene	13.516	128	487174	9.335	ppbv		100
80) Naphthalene,2-methyl-	14.462	142	176880	9.000	ppbv		100
81) 1,2,4-Trichlorobenzene	13.445	180	244998	9.220	ppbv		100

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

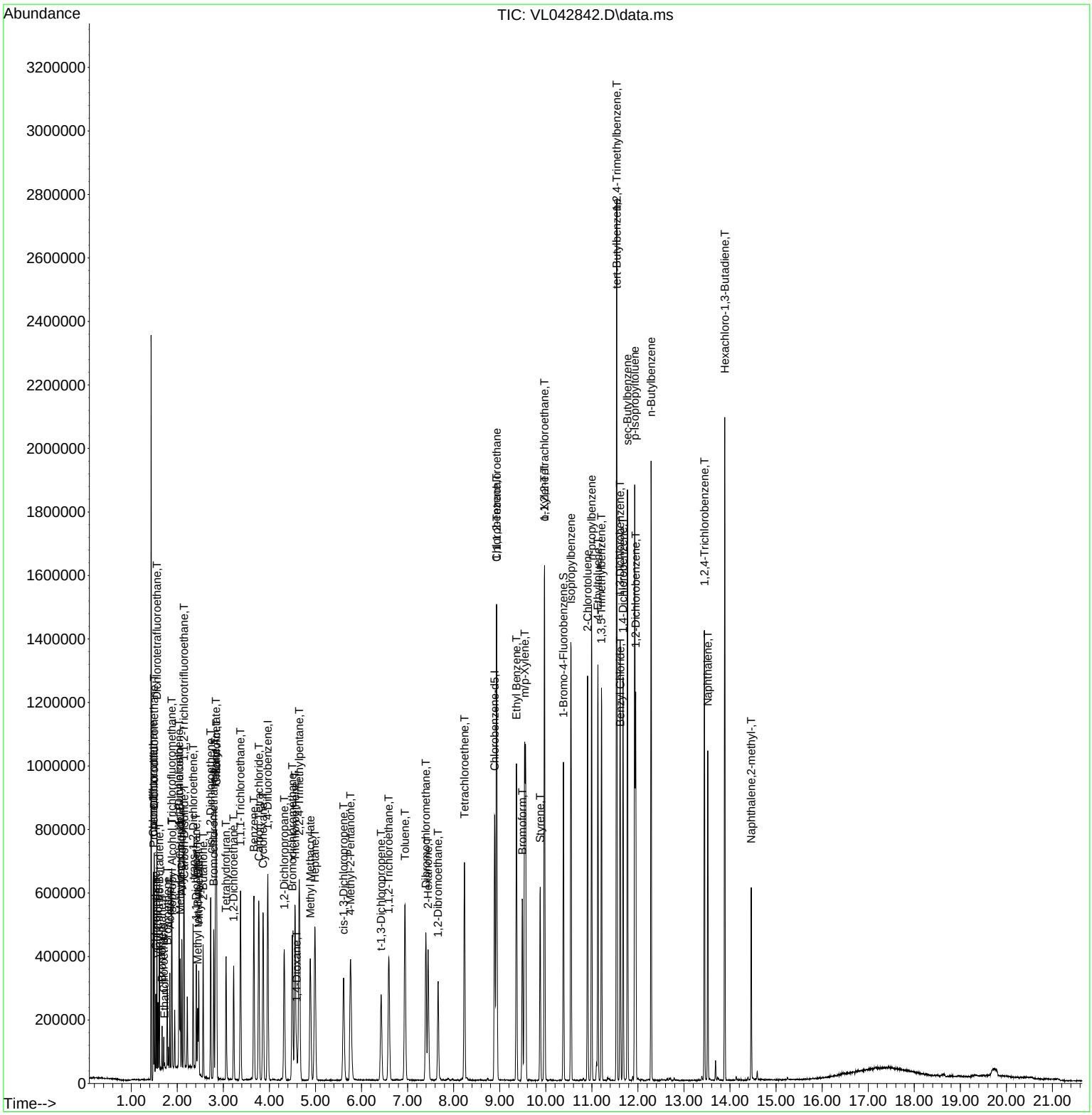
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042842.D
Acq On : 13 Aug 2025 08:30
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:45:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042843.D
Acq On : 13 Aug 2025 09:06
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:46:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	130555	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	408144	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	363830	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	270774	9.923	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	39443	2.061	ppbv	99
3) Chlorodifluoromethane	1.480	51	44759	2.114	ppbv	96
4) Chloromethane	1.535	50	15826	2.050	ppbv	99
5) Vinyl Chloride	1.583	62	14358	1.888	ppbv	97
6) Bromomethane	1.670	94	6248	2.055	ppbv	97
7) Chloroethane	1.706	64	5717	1.925	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	32496	2.075	ppbv	98
9) Propene	1.486	41	18678	2.045	ppbv	89
10) Heptane	4.991	43	50062	2.050	ppbv	97
11) Trichlorofluoromethane	1.881	101	38308	2.029	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	31052	2.064	ppbv	99
13) Ethanol	1.725	45	1817m	2.008	ppbv	
14) Bromoethene	1.784	108	11376	2.089	ppbv	96
15) Acetone	1.839	43	38531	2.231	ppbv	96
16) 1,3-Butadiene	1.612	39	15122	1.932	ppbv	98
17) tert-Butyl alcohol	2.046	59	40652	1.985	ppbv	97
18) 1,1-Dichloroethene	2.039	96	13883	2.099	ppbv	95
19) Isopropyl Alcohol	1.891	45	20866	2.023	ppbv #	39
20) Methylene Chloride	2.065	84	14204	1.963	ppbv #	92
21) Allyl Chloride	2.101	41	24662	2.021	ppbv	96
22) trans-1,2-Dichloroethene	2.344	96	15773	2.132	ppbv	96
23) Vinyl Acetate	2.467	43	48269	2.125	ppbv #	98
24) 1,1-Dichloroethane	2.415	63	30931	2.024	ppbv	98
25) Ethyl Acetate	2.842	43	86804	2.077	ppbv	98
26) Hexane	2.832	57	39735	2.060	ppbv	94
27) Carbon Disulfide	2.156	76	39466	2.102	ppbv #	15
28) Methyl tert-Butyl Ether	2.444	73	21341	2.169	ppbv	96
29) Chloroform	2.855	83	56553	2.053	ppbv	95
30) Cyclohexane	3.868	84	34992	2.069	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	39783	2.062	ppbv	95
32) 1,1,1-Trichloroethane	3.376	97	57837	1.983	ppbv	100
34) 2-Butanone	2.564	43	57172	2.075	ppbv	98
35) Carbon Tetrachloride	3.771	117	56459	2.007	ppbv	97
36) Benzene	3.664	78	80781	2.067	ppbv	98
37) 1,2-Dichloroethane	3.227	62	41034	2.010	ppbv	97
38) Trichloroethene	4.561	130	36990	2.072	ppbv #	86
39) 1,2-Dichloropropane	4.328	63	29059	2.036	ppbv	98
40) 1,4-Dioxane	4.606	88	13510m	2.022	ppbv	
41) Tetrahydrofuran	3.062	42	31994	2.082	ppbv	97
42) Bromodichloromethane	4.503	83	63436	2.085	ppbv	97
43) Methyl Methacrylate	4.888	69	33851m	2.111	ppbv	
44) 2,2,4-Trimethylpentane	4.655	57	136794	2.085	ppbv	98
45) t-1,3-Dichloropropene	6.428	75	37248	2.048	ppbv	90

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042843.D
Acq On : 13 Aug 2025 09:06
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:46:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.609	75	47201m	2.067	ppbv		
47)	1,1,2-Trichloroethane	6.593	97	31477m	2.083	ppbv		
48)	Dibromochloromethane	7.399	129	51620	2.109	ppbv		100
49)	Bromoform	9.493	173	43662	2.163	ppbv		99
50)	4-Methyl-2-Pentanone	5.768	43	77225	2.066	ppbv		99
51)	2-Hexanone	7.451	43	61210	2.088	ppbv	#	98
52)	Tetrachloroethene	8.234	164	28166	1.990	ppbv		92
53)	Toluene	6.946	91	94690	2.036	ppbv		98
54)	1,2-Dibromoethane	7.665	107	45071	2.039	ppbv		98
56)	1,1,1,2-Tetrachloroethane	8.933	131	40090	2.131	ppbv		97
57)	Chlorobenzene	8.933	112	72296	2.090	ppbv		97
58)	Ethyl Benzene	9.364	91	133719	2.083	ppbv		99
59)	m/p-Xylene	9.558	91	211704m	4.200	ppbv		
60)	o-Xylene	9.972	91	105125	2.077	ppbv		100
61)	Styrene	9.879	104	48027	2.025	ppbv		96
62)	Isopropylbenzene	10.545	105	155223	2.098	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.972	83	56139	2.031	ppbv		98
64)	n-propylbenzene	10.995	120	39922	2.115	ppbv		97
65)	tert-Butylbenzene	11.536	119	139019	2.132	ppbv		99
66)	Benzyl Chloride	11.623	91	17893	2.161	ppbv		97
67)	sec-Butylbenzene	11.772	105	196899	2.151	ppbv		98
69)	p-Isopropyltoluene	11.931	119	169429	2.156	ppbv		99
70)	n-Butylbenzene	12.287	91	169768	2.178	ppbv		99
71)	2-Chlorotoluene	10.908	91	119382	2.078	ppbv		99
72)	4-Ethyltoluene	11.131	105	129786	2.115	ppbv		99
73)	1,3,5-Trimethylbenzene	11.212	105	110043	2.109	ppbv		99
74)	1,2,4-Trimethylbenzene	11.542	105	123554	2.157	ppbv		97
75)	1,3-Dichlorobenzene	11.613	146	70330	2.160	ppbv		100
76)	1,4-Dichlorobenzene	11.678	146	71160	2.161	ppbv		99
77)	1,2-Dichlorobenzene	11.953	146	68944	2.162	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.886	225	58509	2.239	ppbv		100
79)	Naphthalene	13.517	128	127025	2.478	ppbv		99
80)	Naphthalene,2-methyl-	14.462	142	51541	2.670	ppbv		100
81)	1,2,4-Trichlorobenzene	13.445	180	62216	2.384	ppbv		98

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

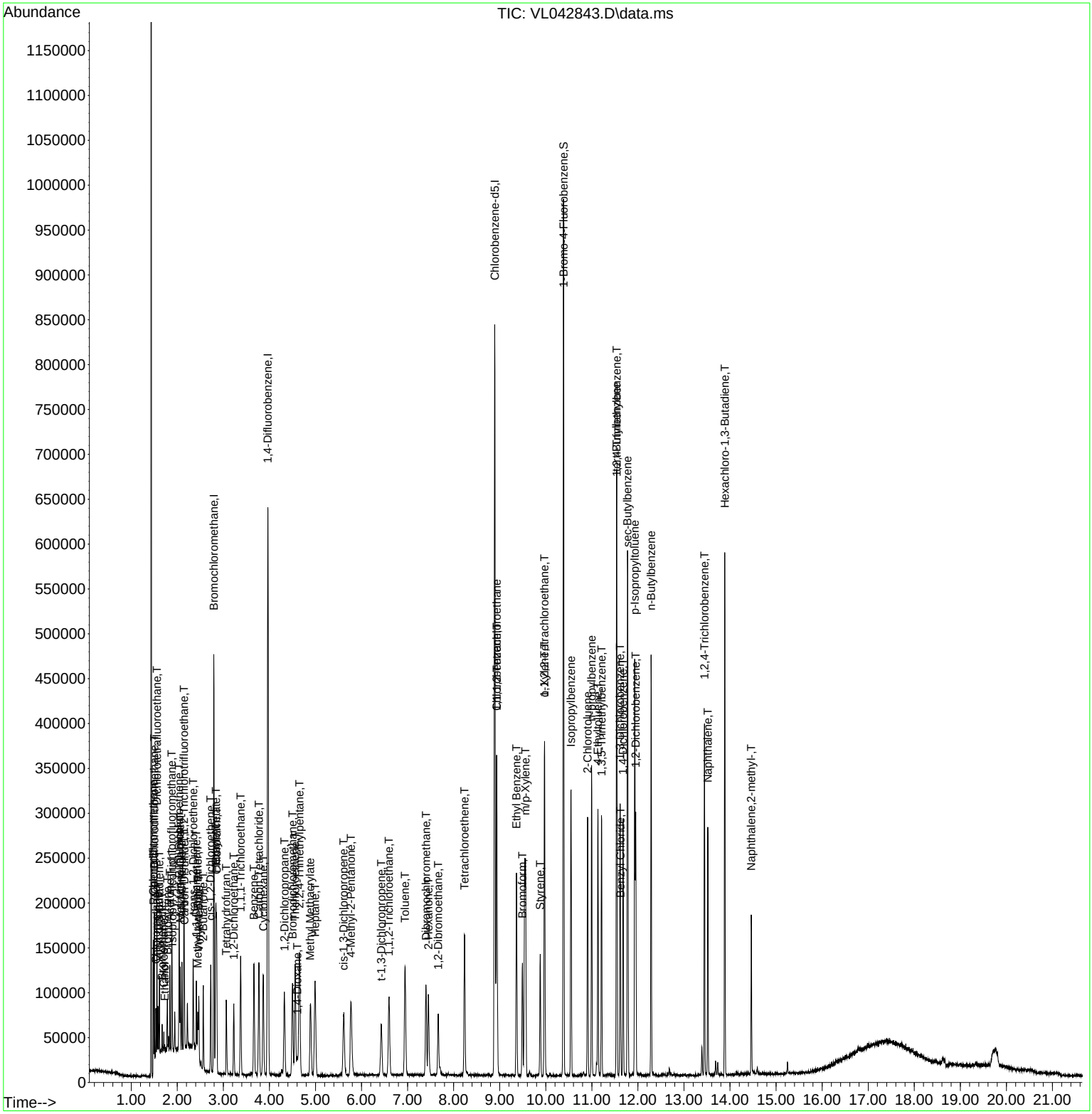
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042843.D
Acq On : 13 Aug 2025 09:06
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:46:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042844.D
Acq On : 13 Aug 2025 09:41
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:47:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.791	49	128542	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	400305	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	349577	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	265708	10.135	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	19603	1.041	ppbv	99
3) Chlorodifluoromethane	1.476	51	20833	0.999	ppbv	93
4) Chloromethane	1.535	50	7948	1.045	ppbv	96
5) Vinyl Chloride	1.583	62	7189	0.960	ppbv	96
6) Bromomethane	1.667	94	3446	1.151	ppbv	84
7) Chloroethane	1.706	64	3089	1.056	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	15872	1.030	ppbv	100
9) Propene	1.486	41	8897	0.989	ppbv	89
10) Heptane	4.985	43	25850m	1.075	ppbv	
11) Trichlorofluoromethane	1.881	101	19701	1.060	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.143	101	15446	1.043	ppbv	97
13) Ethanol	1.722	45	883m	0.991	ppbv	
14) Bromoethene	1.784	108	5343	0.996	ppbv #	78
15) Acetone	1.839	43	18961	1.115	ppbv	98
16) 1,3-Butadiene	1.609	39	8133	1.055	ppbv	98
17) tert-Butyl alcohol	2.046	59	21342	1.058	ppbv #	93
18) 1,1-Dichloroethene	2.040	96	6549	1.006	ppbv	93
19) Isopropyl Alcohol	1.888	45	10893	1.073	ppbv #	39
20) Methylene Chloride	2.062	84	7661	1.076	ppbv #	90
21) Allyl Chloride	2.098	41	11598	0.966	ppbv	88
22) trans-1,2-Dichloroethene	2.344	96	7882m	1.082	ppbv	
23) Vinyl Acetate	2.467	43	22270	0.996	ppbv #	96
24) 1,1-Dichloroethane	2.412	63	15727	1.045	ppbv	98
25) Ethyl Acetate	2.842	43	43007	1.045	ppbv	98
26) Hexane	2.829	57	19944	1.050	ppbv	92
27) Carbon Disulfide	2.153	76	19450	1.052	ppbv #	2
28) Methyl tert-Butyl Ether	2.444	73	9600	0.991	ppbv #	88
29) Chloroform	2.852	83	28055	1.034	ppbv	97
30) Cyclohexane	3.865	84	16492	0.990	ppbv	90
31) cis-1,2-Dichloroethene	2.723	61	19591	1.031	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	27607	0.961	ppbv	97
34) 2-Butanone	2.564	43	28105	1.040	ppbv	98
35) Carbon Tetrachloride	3.768	117	28008	1.015	ppbv	93
36) Benzene	3.661	78	39137	1.021	ppbv #	94
37) 1,2-Dichloroethane	3.224	62	20645	1.031	ppbv	97
38) Trichloroethene	4.555	130	17921	1.024	ppbv #	89
39) 1,2-Dichloropropane	4.325	63	14595m	1.042	ppbv	
40) 1,4-Dioxane	4.603	88	7386m	1.127	ppbv	
41) Tetrahydrofuran	3.062	42	15552	1.032	ppbv	94
42) Bromodichloromethane	4.499	83	29683	0.995	ppbv	99
43) Methyl Methacrylate	4.885	69	16073m	1.022	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	68813m	1.069	ppbv	
45) t-1,3-Dichloropropene	6.419	75	18580m	1.042	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042844.D
Acq On : 13 Aug 2025 09:41
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:47:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.610	75	22372	0.999	ppbv		94
47)	1,1,2-Trichloroethane	6.597	97	15295	1.032	ppbv		86
48)	Dibromochloromethane	7.396	129	24214	1.009	ppbv		99
49)	Bromoform	9.490	173	20579	1.040	ppbv		98
50)	4-Methyl-2-Pentanone	5.768	43	36710	1.001	ppbv		98
51)	2-Hexanone	7.451	43	29487	1.026	ppbv	#	99
52)	Tetrachloroethene	8.235	164	13322	0.960	ppbv		90
53)	Toluene	6.946	91	47256	1.036	ppbv		99
54)	1,2-Dibromoethane	7.665	107	21280	0.982	ppbv		99
56)	1,1,1,2-Tetrachloroethane	8.930	131	19176	1.061	ppbv		96
57)	Chlorobenzene	8.930	112	34617	1.041	ppbv	#	91
58)	Ethyl Benzene	9.361	91	65223	1.057	ppbv		95
59)	m/p-Xylene	9.558	91	101634m	2.098	ppbv		
60)	o-Xylene	9.969	91	51445	1.058	ppbv		99
61)	Styrene	9.879	104	23660	1.038	ppbv		100
62)	Isopropylbenzene	10.546	105	76708	1.079	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.969	83	27410	1.032	ppbv		98
64)	n-propylbenzene	10.995	120	18462	1.018	ppbv		90
65)	tert-Butylbenzene	11.536	119	69617	1.111	ppbv		99
66)	Benzyl Chloride	11.617	91	7900	0.993	ppbv		98
67)	sec-Butylbenzene	11.772	105	96288	1.095	ppbv		98
69)	p-Isopropyltoluene	11.931	119	82934	1.098	ppbv		99
70)	n-Butylbenzene	12.287	91	80511	1.075	ppbv		99
71)	2-Chlorotoluene	10.908	91	60086	1.089	ppbv		100
72)	4-Ethyltoluene	11.131	105	63147	1.071	ppbv		99
73)	1,3,5-Trimethylbenzene	11.206	105	53676	1.070	ppbv		95
74)	1,2,4-Trimethylbenzene	11.539	105	59633	1.083	ppbv		96
75)	1,3-Dichlorobenzene	11.610	146	33061	1.057	ppbv		98
76)	1,4-Dichlorobenzene	11.675	146	33064	1.045	ppbv		96
77)	1,2-Dichlorobenzene	11.950	146	33404	1.090	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.886	225	29555	1.177	ppbv		95
79)	Naphthalene	13.517	128	57580	1.169	ppbv		97
80)	Naphthalene,2-methyl-	14.462	142	19375	1.045	ppbv		96
81)	1,2,4-Trichlorobenzene	13.442	180	27861	1.111	ppbv		99

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

Quantitation Report (QT Reviewed)

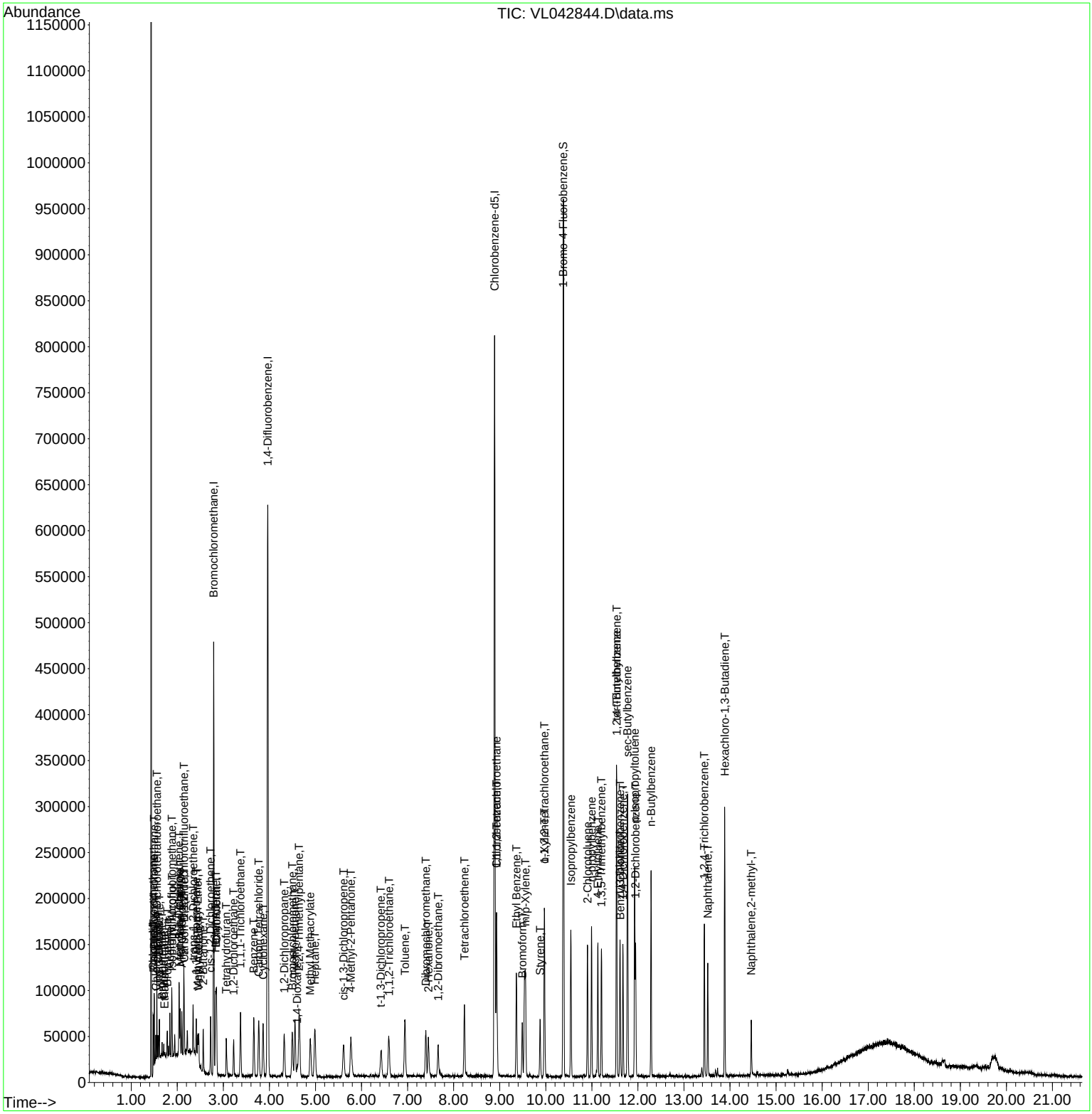
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042844.D
Acq On : 13 Aug 2025 09:41
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:47:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042845.D
Acq On : 13 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:48:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.797	49	126879	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	396264	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	348005	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	262663	10.064	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	9937	0.534	ppbv	100
3) Chlorodifluoromethane	1.479	51	11115	0.540	ppbv	96
4) Chloromethane	1.538	50	4112	0.548	ppbv	90
5) Vinyl Chloride	1.586	62	3762	0.509	ppbv	94
6) Bromomethane	1.674	94	1576	0.533	ppbv	82
7) Chloroethane	1.709	64	1690	0.586	ppbv #	85
8) Dichlorotetrafluoroethane	1.557	85	8079	0.531	ppbv	95
9) Propene	1.489	41	5225	0.589	ppbv	91
10) Heptane	4.998	43	12747	0.537	ppbv	93
11) Trichlorofluoromethane	1.884	101	10238	0.558	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	7984	0.546	ppbv	98
13) Ethanol	1.725	45	562	0.639	ppbv #	1
14) Bromoethene	1.787	108	2932	0.554	ppbv #	85
15) Acetone	1.842	43	10836	0.646	ppbv	98
16) 1,3-Butadiene	1.612	39	4970	0.653	ppbv	99
17) tert-Butyl alcohol	2.049	59	12182	0.612	ppbv #	89
18) 1,1-Dichloroethene	2.039	96	3501	0.545	ppbv	92
19) Isopropyl Alcohol	1.891	45	6194	0.618	ppbv #	56
20) Methylene Chloride	2.069	84	5025	0.715	ppbv	90
21) Allyl Chloride	2.104	41	7120	0.600	ppbv #	76
22) trans-1,2-Dichloroethene	2.350	96	3996	0.556	ppbv	96
23) Vinyl Acetate	2.470	43	13709	0.621	ppbv #	98
24) 1,1-Dichloroethane	2.418	63	8354	0.562	ppbv #	96
25) Ethyl Acetate	2.845	43	22148	0.545	ppbv #	96
26) Hexane	2.832	57	9879	0.527	ppbv	85
27) Carbon Disulfide	2.156	76	9539	0.523	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	5284	0.553	ppbv #	62
29) Chloroform	2.858	83	14586	0.545	ppbv	100
30) Cyclohexane	3.868	84	9037	0.550	ppbv	94
31) cis-1,2-Dichloroethene	2.729	61	10308	0.550	ppbv #	86
32) 1,1,1-Trichloroethane	3.379	97	14011	0.494	ppbv	97
34) 2-Butanone	2.567	43	14923	0.558	ppbv	100
35) Carbon Tetrachloride	3.774	117	13507	0.494	ppbv	97
36) Benzene	3.671	78	20073	0.529	ppbv	98
37) 1,2-Dichloroethane	3.230	62	10141	0.512	ppbv #	93
38) Trichloroethene	4.564	130	9918	0.572	ppbv #	88
39) 1,2-Dichloropropane	4.334	63	7491	0.541	ppbv	86
40) 1,4-Dioxane	4.613	88	3743m	0.577	ppbv	
41) Tetrahydrofuran	3.072	42	7827	0.525	ppbv	93
42) Bromodichloromethane	4.509	83	15580	0.527	ppbv #	94
43) Methyl Methacrylate	4.897	69	8461m	0.544	ppbv	
44) 2,2,4-Trimethylpentane	4.661	57	34237m	0.537	ppbv	
45) t-1,3-Dichloropropene	6.435	75	8911m	0.505	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042845.D
Acq On : 13 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:48:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.622	75	11259m	0.508	ppbv		
47)	1,1,2-Trichloroethane	6.603	97	7835m	0.534	ppbv		
48)	Dibromochloromethane	7.406	129	11805	0.497	ppbv		100
49)	Bromoform	9.497	173	9232	0.471	ppbv		95
50)	4-Methyl-2-Pentanone	5.778	43	19028m	0.524	ppbv		
51)	2-Hexanone	7.458	43	14329	0.503	ppbv	#	99
52)	Tetrachloroethene	8.244	164	7304	0.531	ppbv	#	87
53)	Toluene	6.956	91	24155m	0.535	ppbv		
54)	1,2-Dibromoethane	7.668	107	10873	0.507	ppbv		90
56)	1,1,1,2-Tetrachloroethane	8.940	131	9300	0.517	ppbv	#	1
57)	Chlorobenzene	8.937	112	17845	0.539	ppbv	#	96
58)	Ethyl Benzene	9.370	91	32261	0.525	ppbv		99
59)	m/p-Xylene	9.561	91	50372m	1.045	ppbv		
60)	o-Xylene	9.979	91	26662	0.551	ppbv		100
61)	Styrene	9.885	104	12379	0.546	ppbv		95
62)	Isopropylbenzene	10.552	105	37401	0.529	ppbv		98
63)	1,1,2,2-Tetrachloroethane	9.976	83	13828	0.523	ppbv		95
64)	n-propylbenzene	10.998	120	9922	0.550	ppbv		98
65)	tert-Butylbenzene	11.542	119	33183	0.532	ppbv		97
66)	Benzyl Chloride	11.626	91	4039	0.510	ppbv	#	97
67)	sec-Butylbenzene	11.778	105	46433	0.530	ppbv		96
69)	p-Isopropyltoluene	11.934	119	40686	0.541	ppbv		99
70)	n-Butylbenzene	12.290	91	38867	0.521	ppbv		99
71)	2-Chlorotoluene	10.911	91	29736	0.541	ppbv		97
72)	4-Ethyltoluene	11.138	105	30234	0.515	ppbv		97
73)	1,3,5-Trimethylbenzene	11.212	105	26942	0.540	ppbv		99
74)	1,2,4-Trimethylbenzene	11.545	105	29750	0.543	ppbv		94
75)	1,3-Dichlorobenzene	11.617	146	16311	0.524	ppbv		95
76)	1,4-Dichlorobenzene	11.681	146	16803	0.533	ppbv		98
77)	1,2-Dichlorobenzene	11.956	146	16306	0.535	ppbv		97
78)	Hexachloro-1,3-Butadiene	13.885	225	14165	0.567	ppbv		99
79)	Naphthalene	13.520	128	24056	0.491	ppbv		96
80)	Naphthalene,2-methyl-	14.465	142	7482	0.405	ppbv		95
81)	1,2,4-Trichlorobenzene	13.449	180	10844	0.434	ppbv		97

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

Quantitation Report (QT Reviewed)

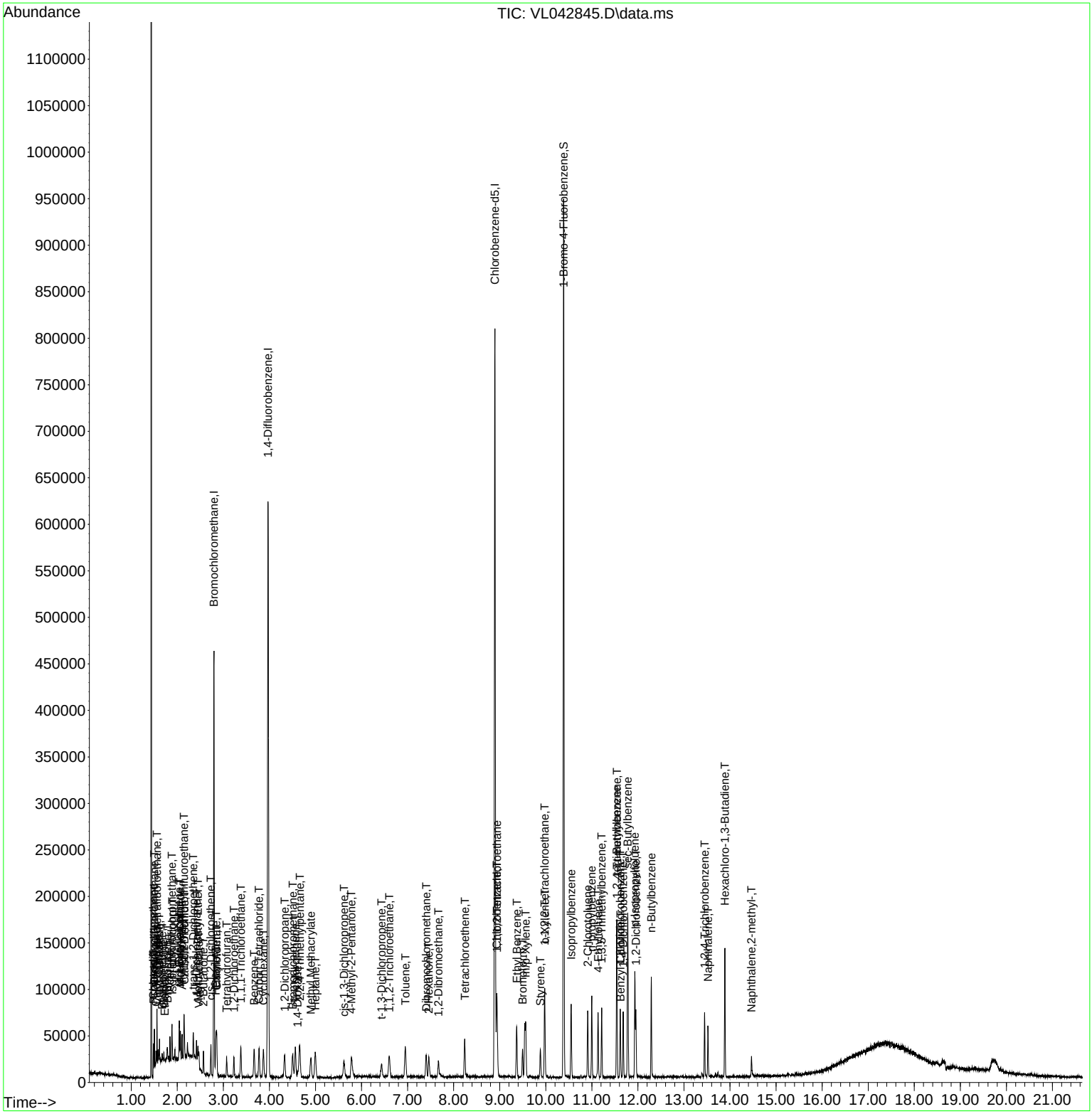
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042845.D
Acq On : 13 Aug 2025 10:17
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:48:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042846.D
Acq On : 13 Aug 2025 10:53
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:49:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
08/14/2025
Supervised By :Mahesh Dadoda
08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	123711	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	390520	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	345073	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	257439	9.948	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.583	62	790	0.110	ppbv #	86
32) 1,1,1-Trichloroethane	3.373	97	3128m	0.113	ppbv	
35) Carbon Tetrachloride	3.774	117	2883	0.107	ppbv	89
38) Trichloroethene	4.557	130	1748m	0.102	ppbv	
52) Tetrachloroethene	8.234	164	1479m	0.109	ppbv	
54) 1,2-Dibromoethane	7.665	107	2339m	0.111	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.972	83	2672	0.102	ppbv	99
79) Naphthalene	13.520	128	4051m	0.083	ppbv	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042846.D
Acq On : 13 Aug 2025 10:53
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:49:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

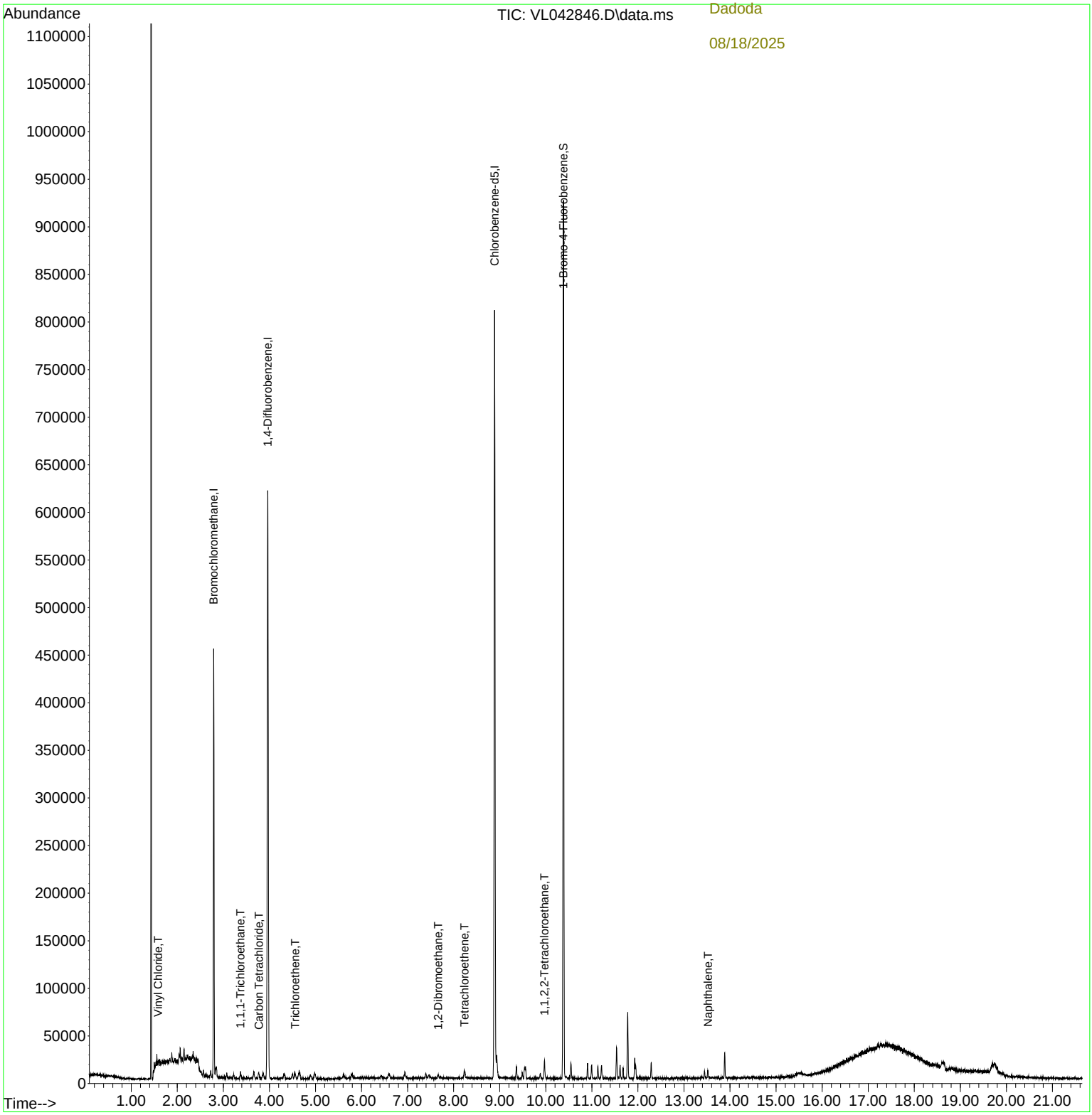
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

08/14/2025
Supervised By :Mahesh Dadoda

08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042847.D
Acq On : 13 Aug 2025 11:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:50:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.793	49	122705	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	390076	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	339700	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	250082	9.816	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.583	62	268	0.037	ppbv	# 81
32) 1,1,1-Trichloroethane	3.379	97	901m	0.033	ppbv	
35) Carbon Tetrachloride	3.774	117	861m	0.032	ppbv	
38) Trichloroethene	4.573	130	487m	0.029	ppbv	
52) Tetrachloroethene	8.241	164	458m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.979	83	898m	0.035	ppbv	

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

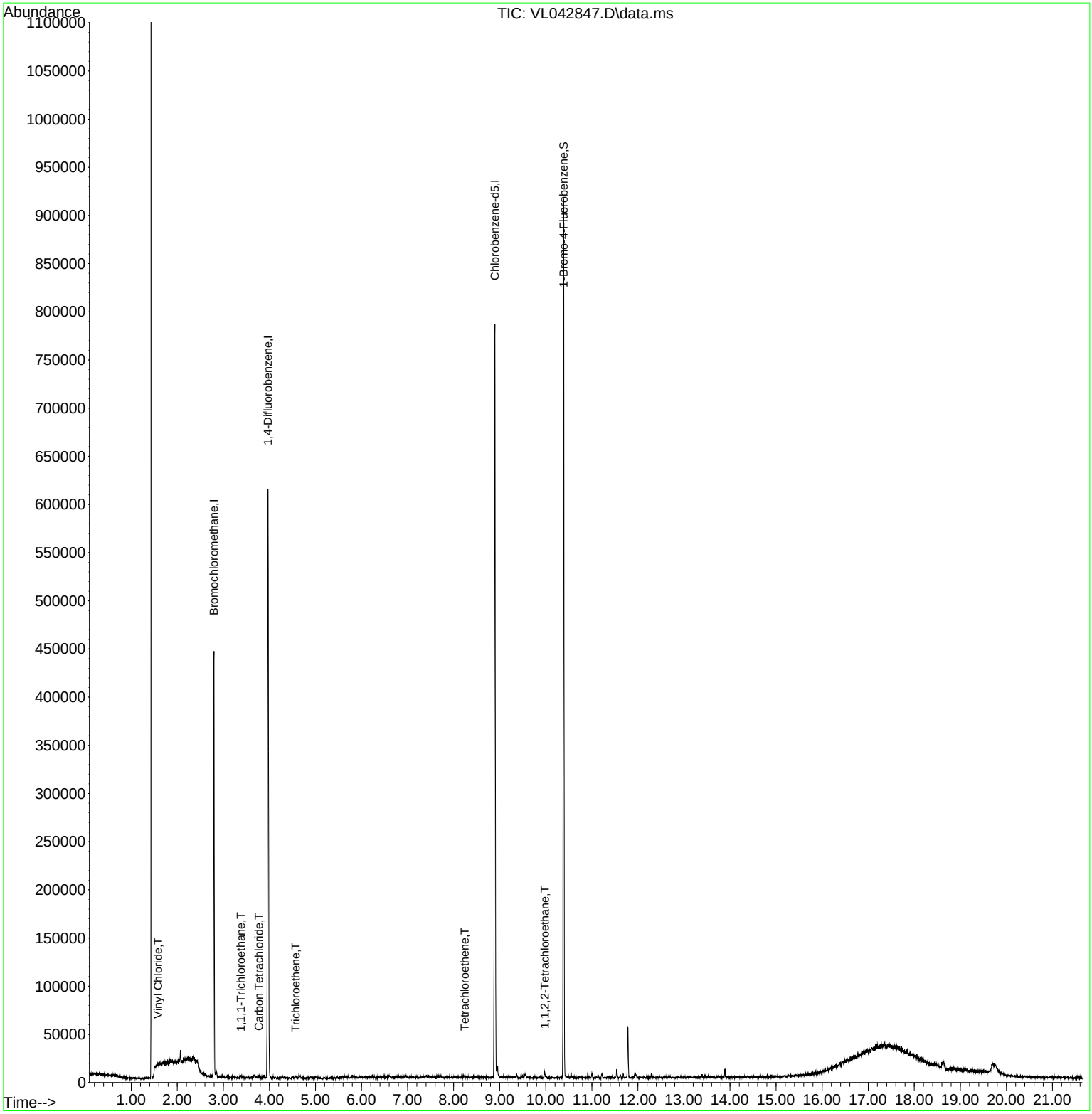
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042847.D
Acq On : 13 Aug 2025 11:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:50:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042848.D
Acq On : 13 Aug 2025 12:06
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:51:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	122073	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	380877	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	337876	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	254655	10.050	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	253151	14.150	ppbv	99
3) Chlorodifluoromethane	1.480	51	275350	13.910	ppbv	99
4) Chloromethane	1.535	50	100974	13.986	ppbv	99
5) Vinyl Chloride	1.583	62	92812	13.053	ppbv	100
6) Bromomethane	1.671	94	37740	13.275	ppbv	96
7) Chloroethane	1.706	64	38398	13.828	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	205386	14.029	ppbv	98
9) Propene	1.486	41	111824	13.094	ppbv	99
10) Heptane	4.988	43	313734	13.742	ppbv	99
11) Trichlorofluoromethane	1.881	101	246354	13.957	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	195231	13.877	ppbv	99
13) Ethanol	1.722	45	8534	10.086	ppbv	98
14) Bromoethene	1.784	108	71671	14.072	ppbv	99
15) Acetone	1.839	43	184116	11.402	ppbv	100
16) 1,3-Butadiene	1.612	39	92068	12.577	ppbv	100
17) tert-Butyl alcohol	2.043	59	244441	12.765	ppbv	100
18) 1,1-Dichloroethene	2.036	96	86349	13.961	ppbv	97
19) Isopropyl Alcohol	1.887	45	124270	12.885	ppbv	99
20) Methylene Chloride	2.065	84	77749	11.494	ppbv	97
21) Allyl Chloride	2.101	41	156318	13.703	ppbv	95
22) trans-1,2-Dichloroethene	2.344	96	100064	14.465	ppbv	95
23) Vinyl Acetate	2.467	43	309236	14.557	ppbv	98
24) 1,1-Dichloroethane	2.412	63	199276	13.944	ppbv	98
25) Ethyl Acetate	2.839	43	533600	13.653	ppbv	99
26) Hexane	2.833	57	250189	13.869	ppbv	98
27) Carbon Disulfide	2.153	76	246868	14.062	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	129978	14.131	ppbv	91
29) Chloroform	2.855	83	360661	14.003	ppbv	99
30) Cyclohexane	3.865	84	222820	14.088	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	249376	13.821	ppbv	96
32) 1,1,1-Trichloroethane	3.376	97	377739	13.851	ppbv	100
34) 2-Butanone	2.561	43	348815	13.563	ppbv	99
35) Carbon Tetrachloride	3.771	117	367354	13.990	ppbv	97
36) Benzene	3.664	78	511811	14.033	ppbv	99
37) 1,2-Dichloroethane	3.224	62	278934	14.639	ppbv	99
38) Trichloroethene	4.558	130	227091	13.634	ppbv	96
39) 1,2-Dichloropropane	4.325	63	186277	13.984	ppbv	95
40) 1,4-Dioxane	4.593	88	82385	13.212	ppbv #	91
41) Tetrahydrofuran	3.056	42	200751	14.001	ppbv	99
42) Bromodichloromethane	4.499	83	408089	14.372	ppbv	97
43) Methyl Methacrylate	4.888	69	206590	13.808	ppbv	99
44) 2,2,4-Trimethylpentane	4.652	57	850847	13.895	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	244117	14.387	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042848.D
Acq On : 13 Aug 2025 12:06
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:51:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	5.616	75	302339	14.191	ppbv	98
47)	1,1,2-Trichloroethane	6.597	97	199067	14.118	ppbv	98
48)	Dibromochloromethane	7.399	129	331947	14.535	ppbv	99
49)	Bromoform	9.494	173	266732	14.162	ppbv	100
50)	4-Methyl-2-Pentanone	5.758	43	490917	14.073	ppbv	100
51)	2-Hexanone	7.448	43	389940	14.255	ppbv	100
52)	Tetrachloroethene	8.238	164	168712	12.772	ppbv	98
53)	Toluene	6.943	91	605941	13.961	ppbv	100
54)	1,2-Dibromoethane	7.665	107	292327	14.173	ppbv	97
56)	1,1,1,2-Tetrachloroethane	8.934	131	241293	13.810	ppbv	99
57)	Chlorobenzene	8.934	112	439109	13.668	ppbv	99
58)	Ethyl Benzene	9.364	91	826316	13.859	ppbv	99
59)	m/p-Xylene	9.561	91	1294381m	27.650	ppbv	
60)	o-Xylene	9.973	91	629445	13.389	ppbv	100
61)	Styrene	9.882	104	304560	13.827	ppbv	99
62)	Isopropylbenzene	10.549	105	931574	13.559	ppbv	99
63)	1,1,2,2-Tetrachloroethane	9.973	83	342890	13.356	ppbv	98
64)	n-propylbenzene	10.999	120	239209	13.646	ppbv	98
65)	tert-Butylbenzene	11.539	119	785250	12.965	ppbv	98
66)	Benzyl Chloride	11.623	91	104698	13.617	ppbv	99
67)	sec-Butylbenzene	11.775	105	1115979	13.127	ppbv	100
69)	p-Isopropyltoluene	11.931	119	940888	12.891	ppbv	98
70)	n-Butylbenzene	12.287	91	970700	13.410	ppbv	100
71)	2-Chlorotoluene	10.911	91	713696	13.378	ppbv	99
72)	4-Ethyltoluene	11.134	105	782057	13.722	ppbv	99
73)	1,3,5-Trimethylbenzene	11.212	105	650280	13.418	ppbv	99
74)	1,2,4-Trimethylbenzene	11.546	105	691709	13.003	ppbv	95
75)	1,3-Dichlorobenzene	11.617	146	402850	13.321	ppbv	99
76)	1,4-Dichlorobenzene	11.678	146	407214	13.314	ppbv	98
77)	1,2-Dichlorobenzene	11.953	146	385866	13.031	ppbv	99
78)	Hexachloro-1,3-Butadiene	13.886	225	281581	11.602	ppbv	99
79)	Naphthalene	13.517	128	658732	13.837	ppbv	100
80)	Naphthalene,2-methyl-	14.462	142	251753	14.042	ppbv	100
81)	1,2,4-Trichlorobenzene	13.445	180	329641	13.599	ppbv	100

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

Quantitation Report (QT Reviewed)

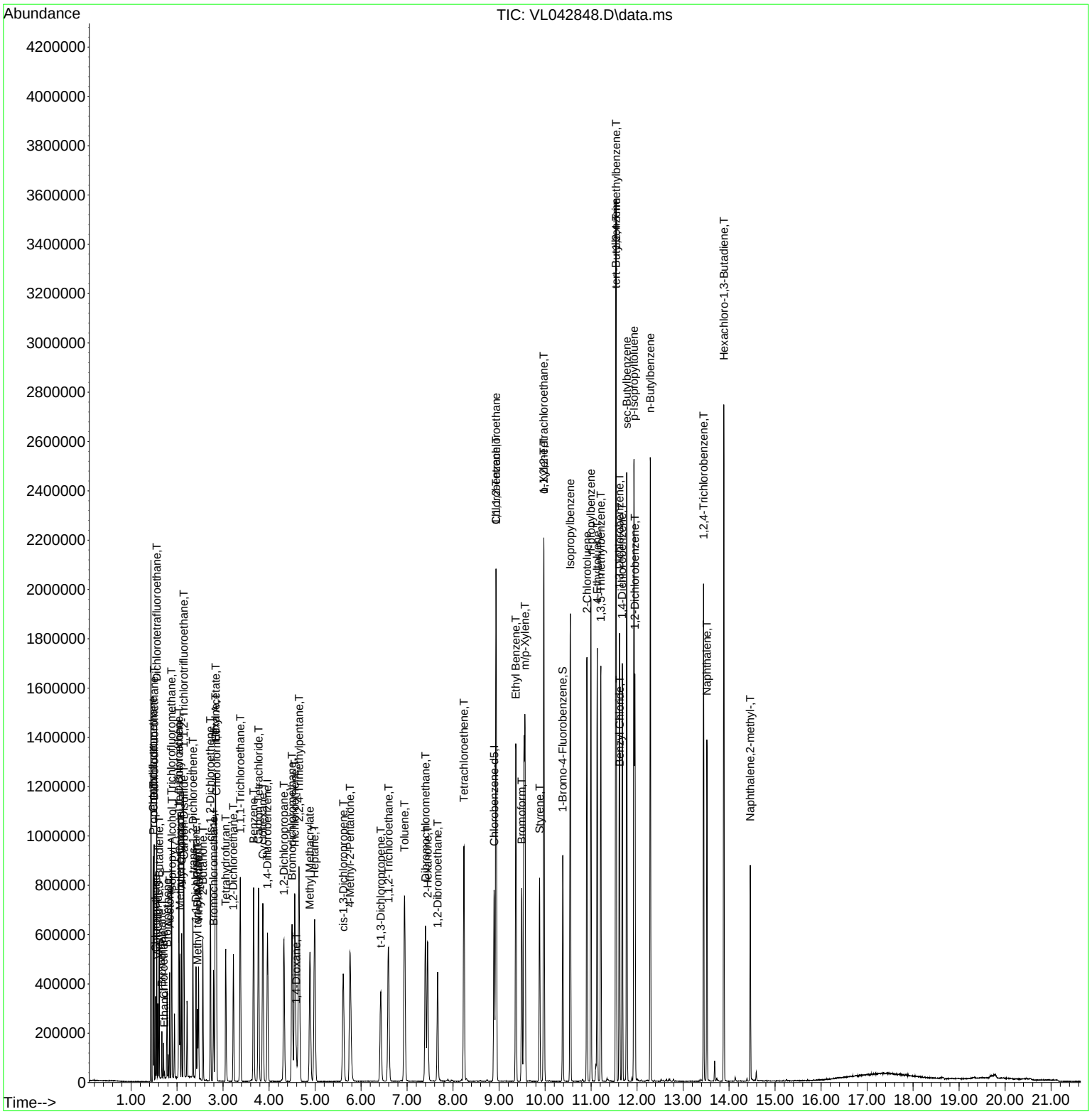
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042848.D
Acq On : 13 Aug 2025 12:06
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 01:51:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	122486	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	374448	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	333493	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	252268	10.086	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	163446	9.105	ppbv	96
3) Chlorodifluoromethane	1.476	51	185078	9.327	ppbv	100
4) Chloromethane	1.535	50	63634	8.784	ppbv	100
5) Vinyl Chloride	1.583	62	58729	8.232	ppbv	96
6) Bromomethane	1.670	94	25105	8.801	ppbv	97
7) Chloroethane	1.706	64	23293	8.360	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	135845	9.248	ppbv	99
9) Propene	1.483	41	76457	8.922	ppbv	97
10) Heptane	4.988	43	206333	8.990	ppbv	99
11) Trichlorofluoromethane	1.881	101	154211	8.707	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	124558	8.824	ppbv	99
13) Ethanol	1.722	45	6016	7.678	ppbv	96
14) Bromoethene	1.784	108	46528	9.105	ppbv	98
15) Acetone	1.839	43	119723	7.389	ppbv	99
16) 1,3-Butadiene	1.612	39	60853	8.285	ppbv	99
17) tert-Butyl alcohol	2.043	59	166457	8.663	ppbv	99
18) 1,1-Dichloroethene	2.036	96	56397	9.087	ppbv	94
19) Isopropyl Alcohol	1.887	45	78832	8.146	ppbv	98
20) Methylene Chloride	2.065	84	47793	7.041	ppbv	90
21) Allyl Chloride	2.098	41	102514	8.956	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	63932	8.904	ppbv	95
23) Vinyl Acetate	2.467	43	198083	8.891	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	127660	8.903	ppbv	99
25) Ethyl Acetate	2.839	43	362325	9.240	ppbv	99
26) Hexane	2.829	57	167364	9.246	ppbv	97
27) Carbon Disulfide	2.153	76	155729	8.841	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	82126	8.898	ppbv	92
29) Chloroform	2.855	83	242320	9.377	ppbv	99
30) Cyclohexane	3.865	84	147417	9.289	ppbv	99
31) cis-1,2-Dichloroethene	2.726	61	166268	9.196	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	252813	9.256	ppbv	99
34) 2-Butanone	2.561	43	230961	9.135	ppbv	100
35) Carbon Tetrachloride	3.771	117	244671	9.478	ppbv	95
36) Benzene	3.664	78	343952	9.592	ppbv	98
37) 1,2-Dichloroethane	3.224	62	187160	9.991	ppbv	100
38) Trichloroethene	4.558	130	150693	9.202	ppbv	96
39) 1,2-Dichloropropane	4.324	63	123566	9.436	ppbv	97
40) 1,4-Dioxane	4.590	88	55292	8.879	ppbv #	93
41) Tetrahydrofuran	3.059	42	132108	9.372	ppbv	99
42) Bromodichloromethane	4.499	83	270154	9.678	ppbv	99
43) Methyl Methacrylate	4.888	69	136329	9.229	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	565415	9.290	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	160784	9.645	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	199988m	9.628	ppbv		
47) 1,1,2-Trichloroethane	6.597	97	132548	9.553	ppbv		99
48) Dibromochloromethane	7.399	129	217970	9.708	ppbv		100
49) Bromoform	9.493	173	174914	9.446	ppbv		99
50) 4-Methyl-2-Pentanone	5.765	43	322264	9.430	ppbv		100
51) 2-Hexanone	7.445	43	263321	9.791	ppbv	#	98
52) Tetrachloroethene	8.234	164	110828	8.544	ppbv		89
53) Toluene	6.946	91	398138	9.340	ppbv		100
54) 1,2-Dibromoethane	7.665	107	193340	9.535	ppbv		98
56) 1,1,1,2-Tetrachloroethane	8.937	131	160225	9.291	ppbv		99
57) Chlorobenzene	8.933	112	297375	9.378	ppbv		97
58) Ethyl Benzene	9.364	91	554015	9.414	ppbv		100
59) m/p-Xylene	9.561	91	865106m	18.754	ppbv		
60) o-Xylene	9.972	91	428721	9.239	ppbv		99
61) Styrene	9.879	104	203858	9.377	ppbv		100
62) Isopropylbenzene	10.549	105	624287	9.206	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.972	83	225237	8.826	ppbv		100
64) n-propylbenzene	10.998	120	158234	9.145	ppbv		97
65) tert-Butylbenzene	11.539	119	534795	8.946	ppbv		98
66) Benzyl Chloride	11.623	91	68533	9.031	ppbv		99
67) sec-Butylbenzene	11.775	105	762602	9.088	ppbv		100
69) p-Isopropyltoluene	11.934	119	634670	8.810	ppbv		98
70) n-Butylbenzene	12.287	91	647453	9.062	ppbv		99
71) 2-Chlorotoluene	10.908	91	485171	9.214	ppbv		98
72) 4-Ethyltoluene	11.131	105	525262	9.338	ppbv		100
73) 1,3,5-Trimethylbenzene	11.212	105	435705	9.108	ppbv		98
74) 1,2,4-Trimethylbenzene	11.542	105	469573	8.943	ppbv		94
75) 1,3-Dichlorobenzene	11.613	146	274876	9.209	ppbv		100
76) 1,4-Dichlorobenzene	11.678	146	270976	8.976	ppbv		99
77) 1,2-Dichlorobenzene	11.953	146	255347	8.736	ppbv		98
78) Hexachloro-1,3-Butadiene	13.886	225	186318	7.778	ppbv		97
79) Naphthalene	13.520	128	441940	9.284	ppbv		99
80) Naphthalene,2-methyl-	14.462	142	145644	8.188	ppbv		98
81) 1,2,4-Trichlorobenzene	13.445	180	215715	9.016	ppbv		99

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

Quantitation Report (QT Reviewed)

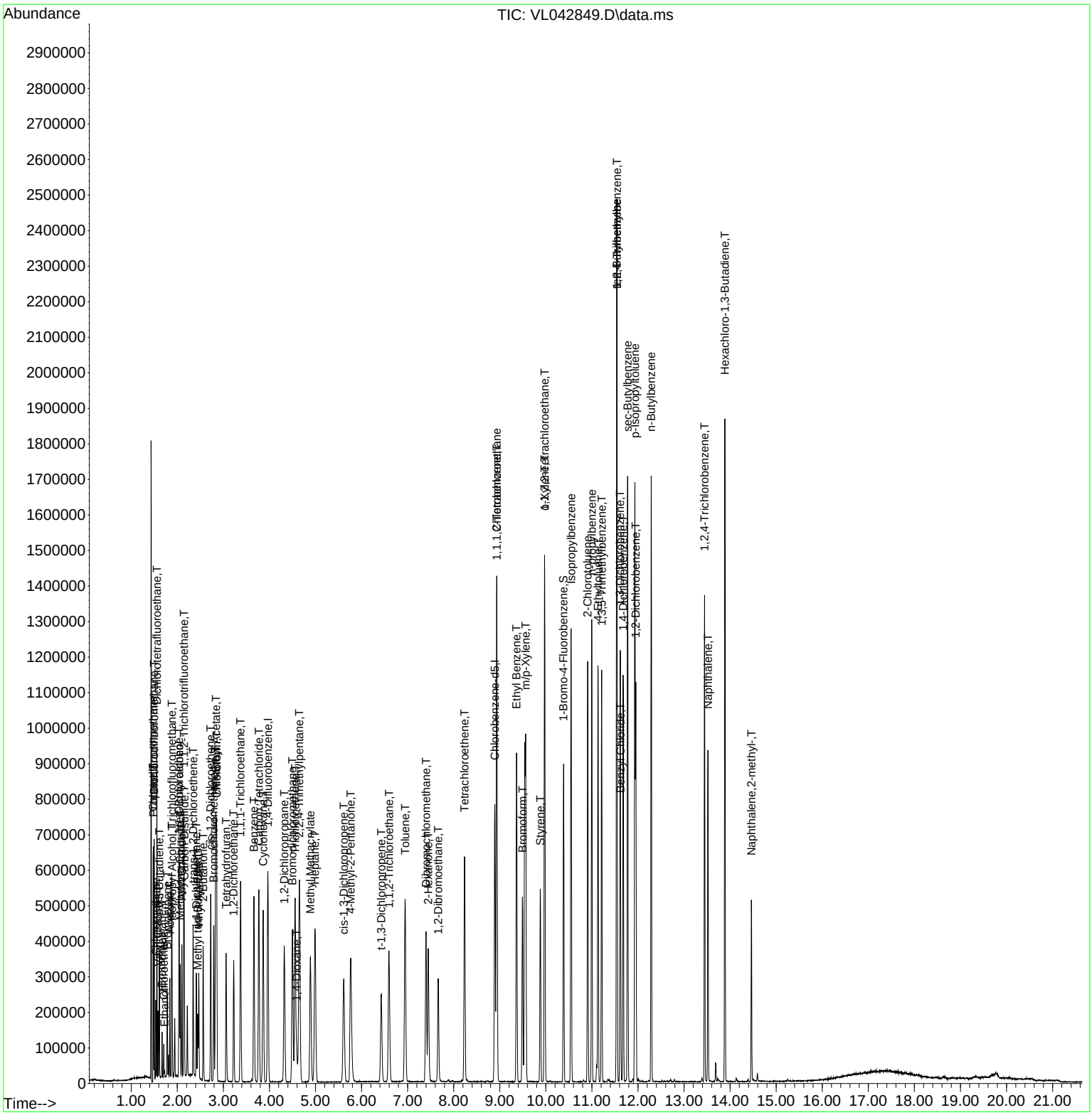
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	92	0.00
2	T	Dichlorodifluoromethane	1.466	1.334	9.0	91	0.00
3		Chlorodifluoromethane	1.620	1.511	6.7	92	0.00
4		Chloromethane	0.591	0.520	12.0	90	0.00
5	T	Vinyl Chloride	0.582	0.479	17.7	88	0.00
6	T	Bromomethane	0.233	0.205	12.0	93	0.00
7		Chloroethane	0.227	0.190	16.3	87	0.00
8	T	Dichlorotetrafluoroethane	1.199	1.109	7.5	91	0.00
9	T	Propene	0.700	0.624	10.9	88	0.00
10	T	Heptane	1.874	1.685	10.1	90	0.00
11	T	Trichlorofluoromethane	1.446	1.259	12.9	91	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.152	1.017	11.7	89	0.00
13		Ethanol	0.064	0.049#	23.4	97	0.00
14	T	Bromoethene	0.417	0.380	8.9	92	0.00
15	T	Acetone	1.323	0.977	26.2	95	0.00
16	T	1,3-Butadiene	0.600	0.497	17.2	91	0.00
17		tert-Butyl alcohol	1.569	1.359	13.4	91	0.00
18	T	1,1-Dichloroethene	0.507	0.460	9.3	90	0.00
19	T	Isopropyl Alcohol	0.790	0.644	18.5	91	0.00
20	T	Methylene Chloride	0.554	0.390	29.6	87	0.00
21	T	Allyl Chloride	0.935	0.837	10.5	91	0.00
22	T	trans-1,2-Dichloroethene	0.586	0.522	10.9	89	0.00
23	T	Vinyl Acetate	1.819	1.617	11.1	89	0.00
24	T	1,1-Dichloroethane	1.171	1.042	11.0	92	0.00
25	T	Ethyl Acetate	3.202	2.958	7.6	93	0.00
26	T	Hexane	1.478	1.366	7.6	90	0.00
27	T	Carbon Disulfide	1.438	1.271	11.6	89	0.00
28	T	Methyl tert-Butyl Ether	0.754	0.670	11.1	93	0.00
29	T	Chloroform	2.110	1.978	6.3	94	0.00
30	T	Cyclohexane	1.296	1.204	7.1	91	0.00
31	T	cis-1,2-Dichloroethene	1.476	1.357	8.1	93	0.00
32	T	1,1,1-Trichloroethane	2.230	2.064	7.4	95	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34	T	2-Butanone	0.675	0.617	8.6	92	0.00
35	T	Carbon Tetrachloride	0.689	0.653	5.2	93	0.00
36	T	Benzene	0.958	0.919	4.1	91	0.00
37	T	1,2-Dichloroethane	0.500	0.500	0.0	94	0.00
38	T	Trichloroethene	0.437	0.402	8.0	91	0.00
39	T	1,2-Dichloropropane	0.350	0.330	5.7	92	0.00
40	T	1,4-Dioxane	0.166	0.148	10.8	90	0.00
41	T	Tetrahydrofuran	0.376	0.353	6.1	90	0.00
42	T	Bromodichloromethane	0.745	0.721	3.2	92	0.00
43		Methyl Methacrylate	0.394	0.364	7.6	90	0.00
44	T	2,2,4-Trimethylpentane	1.625	1.510	7.1	90	0.00
45	T	t-1,3-Dichloropropene	0.445	0.429	3.6	91	0.00
46	T	cis-1,3-Dichloropropene	0.555	0.534	3.8	90	0.00
47	T	1,1,2-Trichloroethane	0.371	0.354	4.6	94	0.00
48	T	Dibromochloromethane	0.600	0.582	3.0	90	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	0.495	0.467	5.7	86	0.00
50	T	4-Methyl-2-Pentanone	0.913	0.861	5.7	88	0.00
51	T	2-Hexanone	0.718	0.703	2.1	91	0.00
52	T	Tetrachloroethene	0.346	0.296	14.5	86	0.00
53	T	Toluene	1.138	1.063	6.6	90	0.00
54	T	1,2-Dibromoethane	0.542	0.516	4.8	92	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56		1,1,1,2-Tetrachloroethane	0.517	0.480	7.2	91	0.00
57	T	Chlorobenzene	0.951	0.892	6.2	91	0.00
58	T	Ethyl Benzene	1.765	1.661	5.9	91	0.00
59	T	m/p-Xylene	1.383	1.297	6.2	91	0.02
60	T	o-Xylene	1.391	1.286	7.5	91	0.00
61	T	Styrene	0.652	0.611	6.3	90	0.00
62		Isopropylbenzene	2.033	1.872	7.9	91	0.00
63	T	1,1,2,2-Tetrachloroethane	0.765	0.675	11.8	90	0.00
64		n-propylbenzene	0.519	0.474	8.7	90	0.00
65		tert-Butylbenzene	1.793	1.604	10.5	90	0.00
66	T	Benzyl Chloride	0.228	0.206	9.6	81	0.00
67		sec-Butylbenzene	2.516	2.287	9.1	92	0.00
68	S	1-Bromo-4-Fluorobenzene	0.750	0.756	-0.8	90	0.00
69		p-Isopropyltoluene	2.160	1.903	11.9	90	0.00
70		n-Butylbenzene	2.142	1.941	9.4	91	0.00
71		2-Chlorotoluene	1.579	1.455	7.9	92	0.00
72	T	4-Ethyltoluene	1.687	1.575	6.6	91	0.00
73	T	1,3,5-Trimethylbenzene	1.434	1.306	8.9	91	0.00
74	T	1,2,4-Trimethylbenzene	1.574	1.408	10.5	91	0.00
75	T	1,3-Dichlorobenzene	0.895	0.824	7.9	89	0.00
76	T	1,4-Dichlorobenzene	0.905	0.813	10.2	88	0.00
77	T	1,2-Dichlorobenzene	0.876	0.766	12.6	88	0.00
78	T	Hexachloro-1,3-Butadiene	0.718	0.559	22.1	88	0.00
79	T	Naphthalene	1.427	1.325	7.1	91	0.00
80	T	Naphthalene,2-methyl-	0.533	0.437	18.0	82	0.00
81	T	1,2,4-Trichlorobenzene	0.717	0.647	9.8	88	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\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	9.105	8.9	91	0.00
3		Chlorodifluoromethane	10.000	9.327	6.7	92	0.00
4		Chloromethane	10.000	8.784	12.2	90	0.00
5	T	Vinyl Chloride	10.000	8.232	17.7	88	0.00
6	T	Bromomethane	10.000	8.801	12.0	93	0.00
7		Chloroethane	10.000	8.360	16.4	87	0.00
8	T	Dichlorotetrafluoroethane	10.000	9.248	7.5	91	0.00
9	T	Propene	10.000	8.922	10.8	88	0.00
10	T	Heptane	10.000	8.990	10.1	90	0.00
11	T	Trichlorofluoromethane	10.000	8.707	12.9	91	0.00
12	T	1,1,2-Trichlorotrifluoroeth	10.000	8.824	11.8	89	0.00
13		Ethanol	10.000	7.678	23.2	97	0.00
14	T	Bromoethene	10.000	9.105	8.9	92	0.00
15	T	Acetone	10.000	7.389	26.1	95	0.00
16	T	1,3-Butadiene	10.000	8.285	17.1	91	0.00
17		tert-Butyl alcohol	10.000	8.663	13.4	91	0.00
18	T	1,1-Dichloroethene	10.000	9.087	9.1	90	0.00
19	T	Isopropyl Alcohol	10.000	8.146	18.5	91	0.00
20	T	Methylene Chloride	10.000	7.041	29.6	87	0.00
21	T	Allyl Chloride	10.000	8.956	10.4	91	0.00
22	T	trans-1,2-Dichloroethene	10.000	8.904	11.0	89	0.00
23	T	Vinyl Acetate	10.000	8.891	11.1	89	0.00
24	T	1,1-Dichloroethane	10.000	8.903	11.0	92	0.00
25	T	Ethyl Acetate	10.000	9.240	7.6	93	0.00
26	T	Hexane	10.000	9.246	7.5	90	0.00
27	T	Carbon Disulfide	10.000	8.841	11.6	89	0.00
28	T	Methyl tert-Butyl Ether	10.000	8.898	11.0	93	0.00
29	T	Chloroform	10.000	9.377	6.2	94	0.00
30	T	Cyclohexane	10.000	9.289	7.1	91	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.196	8.0	93	0.00
32	T	1,1,1-Trichloroethane	10.000	9.256	7.4	95	0.00
33	I	1,4-Difluorobenzene	10.000	10.000	0.0	91	0.00
34	T	2-Butanone	10.000	9.135	8.7	92	0.00
35	T	Carbon Tetrachloride	10.000	9.478	5.2	93	0.00
36	T	Benzene	10.000	9.592	4.1	91	0.00
37	T	1,2-Dichloroethane	10.000	9.991	0.1	94	0.00
38	T	Trichloroethene	10.000	9.202	8.0	91	0.00
39	T	1,2-Dichloropropane	10.000	9.436	5.6	92	0.00
40	T	1,4-Dioxane	10.000	8.879	11.2	90	0.00
41	T	Tetrahydrofuran	10.000	9.372	6.3	90	0.00
42	T	Bromodichloromethane	10.000	9.678	3.2	92	0.00
43		Methyl Methacrylate	10.000	9.229	7.7	90	0.00
44	T	2,2,4-Trimethylpentane	10.000	9.290	7.1	90	0.00
45	T	t-1,3-Dichloropropene	10.000	9.645	3.6	91	0.00
46	T	cis-1,3-Dichloropropene	10.000	9.628	3.7	90	0.00
47	T	1,1,2-Trichloroethane	10.000	9.553	4.5	94	0.00
48	T	Dibromochloromethane	10.000	9.708	2.9	90	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042849.D
Acq On : 13 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ICVVL081325

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	9.446	5.5	86	0.00
50	T	4-Methyl-2-Pentanone	10.000	9.430	5.7	88	0.00
51	T	2-Hexanone	10.000	9.791	2.1	91	0.00
52	T	Tetrachloroethene	10.000	8.544	14.6	86	0.00
53	T	Toluene	10.000	9.340	6.6	90	0.00
54	T	1,2-Dibromoethane	10.000	9.535	4.6	92	0.00
55	I	Chlorobenzene-d5	10.000	10.000	0.0	90	0.00
56		1,1,1,2-Tetrachloroethane	10.000	9.291	7.1	91	0.00
57	T	Chlorobenzene	10.000	9.378	6.2	91	0.00
58	T	Ethyl Benzene	10.000	9.414	5.9	91	0.00
59	T	m/p-Xylene	20.000	18.754	6.2	91	0.02
60	T	o-Xylene	10.000	9.239	7.6	91	0.00
61	T	Styrene	10.000	9.377	6.2	90	0.00
62		Isopropylbenzene	10.000	9.206	7.9	91	0.00
63	T	1,1,2,2-Tetrachloroethane	10.000	8.826	11.7	90	0.00
64		n-propylbenzene	10.000	9.145	8.6	90	0.00
65		tert-Butylbenzene	10.000	8.946	10.5	90	0.00
66	T	Benzyl Chloride	10.000	9.031	9.7	81	0.00
67		sec-Butylbenzene	10.000	9.088	9.1	92	0.00
68	S	1-Bromo-4-Fluorobenzene	10.000	10.086	-0.9	90	0.00
69		p-Isopropyltoluene	10.000	8.810	11.9	90	0.00
70		n-Butylbenzene	10.000	9.062	9.4	91	0.00
71		2-Chlorotoluene	10.000	9.214	7.9	92	0.00
72	T	4-Ethyltoluene	10.000	9.338	6.6	91	0.00
73	T	1,3,5-Trimethylbenzene	10.000	9.108	8.9	91	0.00
74	T	1,2,4-Trimethylbenzene	10.000	8.943	10.6	91	0.00
75	T	1,3-Dichlorobenzene	10.000	9.209	7.9	89	0.00
76	T	1,4-Dichlorobenzene	10.000	8.976	10.2	88	0.00
77	T	1,2-Dichlorobenzene	10.000	8.736	12.6	88	0.00
78	T	Hexachloro-1,3-Butadiene	10.000	7.778	22.2	88	0.00
79	T	Naphthalene	10.000	9.284	7.2	91	0.00
80	T	Naphthalene,2-methyl-	10.000	8.188	18.1	82	0.00
81	T	1,2,4-Trichlorobenzene	10.000	9.016	9.8	88	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.: Q2943
Instrument ID: MSVOA_L
Calibration Date/Time: 08/26/2025 08:29
Lab File ID: VL042880.D
Init. Calib. Date(s): 08/13/2025 08/13/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:30 12:06
GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.466	1.493		1.84	30
Chloromethane	0.591	0.570		-3.55	30
Vinyl Chloride	0.582	0.529		-9.11	30
Bromomethane	0.233	0.219		-6.01	30
Chloroethane	0.227	0.202		-11.01	30
Tetrahydrofuran	0.376	0.402		6.91	30
Trichlorofluoromethane	1.446	1.421		-1.73	30
1,1,2-Trichlorotrifluoroethane	1.152	1.133		-1.65	30
Dichlorotetrafluoroethane	1.199	1.190		-0.75	30
tert-Butyl alcohol	1.569	1.349		-14.02	30
Heptane	1.874	1.722		-8.11	30
1,1-Dichloroethene	0.507	0.498		-1.77	30
Acetone	1.323	1.094		-17.31	30
Carbon Disulfide	1.438	1.440		0.14	30
Methyl tert-Butyl Ether	0.754	0.715		-5.17	30
Methylene Chloride	0.554	0.446		-19.5	30
trans-1,2-Dichloroethene	0.586	0.567		-3.24	30
1,1-Dichloroethane	1.171	1.137		-2.9	30
Cyclohexane	1.296	1.187		-8.41	30
2-Butanone	0.675	0.731		8.3	30
Carbon Tetrachloride	0.689	0.798		15.82	30
cis-1,2-Dichloroethene	1.476	1.399		-5.22	30
Chloroform	2.110	2.199		4.22	30
1,1,1-Trichloroethane	2.230	2.184		-2.06	30
2,2,4-Trimethylpentane	1.625	1.721		5.91	30
Benzene	0.958	1.018		6.26	30
1,2-Dichloroethane	0.500	0.627		25.4	30
Trichloroethene	0.437	0.437		0	30
1,2-Dichloropropane	0.350	0.382		9.14	30
Bromodichloromethane	0.745	0.893		19.87	30
4-Methyl-2-Pentanone	0.913	1.000		9.53	30
Toluene	1.138	1.157		1.67	30
t-1,3-Dichloropropene	0.445	0.449		0.9	30
cis-1,3-Dichloropropene	0.555	0.583		5.05	30
1,1,2-Trichloroethane	0.371	0.408		9.97	30
Dibromochloromethane	0.600	0.673		12.17	30
1,2-Dibromoethane	0.542	0.586		8.12	30
Tetrachloroethene	0.346	0.321		-7.22	30

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

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.: Q2943

Instrument ID: MSVOA_L | Calibration Date/Time: 08/26/2025 08:29

Lab File ID: VL042880.D | Init. Calib. Date(s): 08/13/2025 08/13/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 08:30 12:06

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.951	1.009		6.1	30
Ethyl Benzene	1.765	1.877		6.35	30
m/p-Xylene	1.383	1.528		10.48	30
o-Xylene	1.391	1.535		10.35	30
Styrene	0.652	0.661		1.38	30
Bromoform	0.495	0.540		9.09	30
1,1,2,2-Tetrachloroethane	0.765	0.845		10.46	30
2-Chlorotoluene	1.579	1.690		7.03	30
1,3,5-Trimethylbenzene	1.434	1.525		6.35	30
1,2,4-Trimethylbenzene	1.574	1.689		7.31	30
1,3-Dichlorobenzene	0.895	0.958		7.04	30
1,4-Dichlorobenzene	0.905	0.957		5.75	30
1,2-Dichlorobenzene	0.876	0.926		5.71	30
1,2,4-Trichlorobenzene	0.717	0.712		-0.7	30
Hexachloro-1,3-Butadiene	0.718	0.596		-16.99	30
1,3-Butadiene	0.600	0.526		-12.33	30
Naphthalene	1.427	1.491		4.49	30
4-Ethyltoluene	1.687	1.837		8.89	30
1-Bromo-4-Fluorobenzene	0.750	0.798		6.4	30
Hexane	1.478	1.399		-5.34	30
Allyl Chloride	0.935	0.873		-6.63	30
1,4-Dioxane	166.304	156.335		-5.99	30
Methyl Methacrylate	0.394	0.394		0	30

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\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.793	49	122810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	336296	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	294948	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	235225	10.634	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	183364	10.188	ppbv	99
3) Chlorodifluoromethane	1.479	51	203212	10.214	ppbv	98
4) Chloromethane	1.534	50	69979	9.635	ppbv	97
5) Vinyl Chloride	1.583	62	64920	9.076	ppbv	100
6) Bromomethane	1.670	94	26845	9.386	ppbv	96
7) Chloroethane	1.706	64	24801	8.878	ppbv	92
8) Dichlorotetrafluoroethane	1.557	85	146099	9.919	ppbv	95
9) Propene	1.486	41	75313	8.766	ppbv	97
10) Heptane	4.991	43	211489	9.190	ppbv	100
11) Trichlorofluoromethane	1.881	101	174494	9.826	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	139099	9.828	ppbv	96
13) Ethanol	1.725	45	5799	7.382	ppbv	100
14) Bromoethene	1.784	108	48467	9.459	ppbv	99
15) Acetone	1.839	43	134319	8.268	ppbv	100
16) 1,3-Butadiene	1.612	39	64565	8.767	ppbv	100
17) tert-Butyl alcohol	2.046	59	165719	8.602	ppbv	97
18) 1,1-Dichloroethene	2.036	96	61218	9.838	ppbv	96
19) Isopropyl Alcohol	1.887	45	84638	8.723	ppbv	95
20) Methylene Chloride	2.065	84	54772	8.048	ppbv	93
21) Allyl Chloride	2.101	41	107208	9.341	ppbv	94
22) trans-1,2-Dichloroethene	2.344	96	69614	9.670	ppbv	96
23) Vinyl Acetate	2.467	43	218325	9.774	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	139590	9.709	ppbv	100
25) Ethyl Acetate	2.839	43	383086	9.743	ppbv	98
26) Hexane	2.832	57	171859	9.469	ppbv	93
27) Carbon Disulfide	2.153	76	176879	10.015	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	87775	9.485	ppbv	91
29) Chloroform	2.855	83	270006	10.420	ppbv	98
30) Cyclohexane	3.865	84	145756	9.160	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	171782	9.476	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	268172	9.793	ppbv	97
34) 2-Butanone	2.560	43	245700	10.820	ppbv	99
35) Carbon Tetrachloride	3.771	117	268495	11.581	ppbv	96
36) Benzene	3.664	78	342327	10.630	ppbv	99
37) 1,2-Dichloroethane	3.224	62	210915	12.536	ppbv	96
38) Trichloroethene	4.554	130	147070	10.000	ppbv	94
39) 1,2-Dichloropropane	4.321	63	128537	10.929	ppbv	92
40) 1,4-Dioxane	4.590	88	52575	9.401	ppbv #	89
41) Tetrahydrofuran	3.059	42	135134	10.674	ppbv	99
42) Bromodichloromethane	4.499	83	300275	11.977	ppbv	99
43) Methyl Methacrylate	4.891	69	132478	9.986	ppbv	94
44) 2,2,4-Trimethylpentane	4.648	57	578677	10.587	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	151146	10.096	ppbv	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.609	75	196004	10.507	ppbv		97
47)	1,1,2-Trichloroethane	6.590	97	137096	11.002	ppbv		98
48)	Dibromochloromethane	7.396	129	226360	11.225	ppbv		100
49)	Bromoform	9.490	173	181503	10.914	ppbv		99
50)	4-Methyl-2-Pentanone	5.761	43	336202	10.953	ppbv		97
51)	2-Hexanone	7.445	43	268720	11.126	ppbv	#	97
52)	Tetrachloroethene	8.234	164	108007	9.271	ppbv		89
53)	Toluene	6.943	91	389102	10.163	ppbv		100
54)	1,2-Dibromoethane	7.661	107	196903	10.812	ppbv		99
56)	1,1,1,2-Tetrachloroethane	8.933	131	166781	10.935	ppbv		98
57)	Chlorobenzene	8.930	112	297688	10.615	ppbv		99
58)	Ethyl Benzene	9.361	91	553547	10.635	ppbv		97
59)	m/p-Xylene	9.558	91	901528m	22.098	ppbv		
60)	o-Xylene	9.969	91	452658	11.030	ppbv		98
61)	Styrene	9.878	104	194940	10.138	ppbv		98
62)	Isopropylbenzene	10.545	105	641727	10.700	ppbv		98
63)	1,1,2,2-Tetrachloroethane	9.969	83	249214	11.042	ppbv		99
64)	n-propylbenzene	10.995	120	162661	10.630	ppbv		91
65)	tert-Butylbenzene	11.539	119	557907	10.552	ppbv		95
66)	Benzyl Chloride	11.620	91	48141	7.172	ppbv		98
67)	sec-Butylbenzene	11.772	105	812989	10.955	ppbv		98
69)	p-Isopropyltoluene	11.931	119	659073	10.344	ppbv		97
70)	n-Butylbenzene	12.287	91	703206	11.128	ppbv		97
71)	2-Chlorotoluene	10.908	91	498341	10.701	ppbv		96
72)	4-Ethyltoluene	11.131	105	541729	10.889	ppbv		98
73)	1,3,5-Trimethylbenzene	11.209	105	449818	10.632	ppbv		99
74)	1,2,4-Trimethylbenzene	11.542	105	498209	10.728	ppbv		97
75)	1,3-Dichlorobenzene	11.613	146	282628	10.706	ppbv		98
76)	1,4-Dichlorobenzene	11.678	146	282236	10.571	ppbv		99
77)	1,2-Dichlorobenzene	11.953	146	273118	10.566	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.885	225	175877	8.301	ppbv		97
79)	Naphthalene	13.516	128	439648	10.443	ppbv		98
80)	Naphthalene,2-methyl-	14.462	142	129366	8.223	ppbv		99
81)	1,2,4-Trichlorobenzene	13.445	180	210039	9.926	ppbv		98

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

Quantitation Report (QT Reviewed)

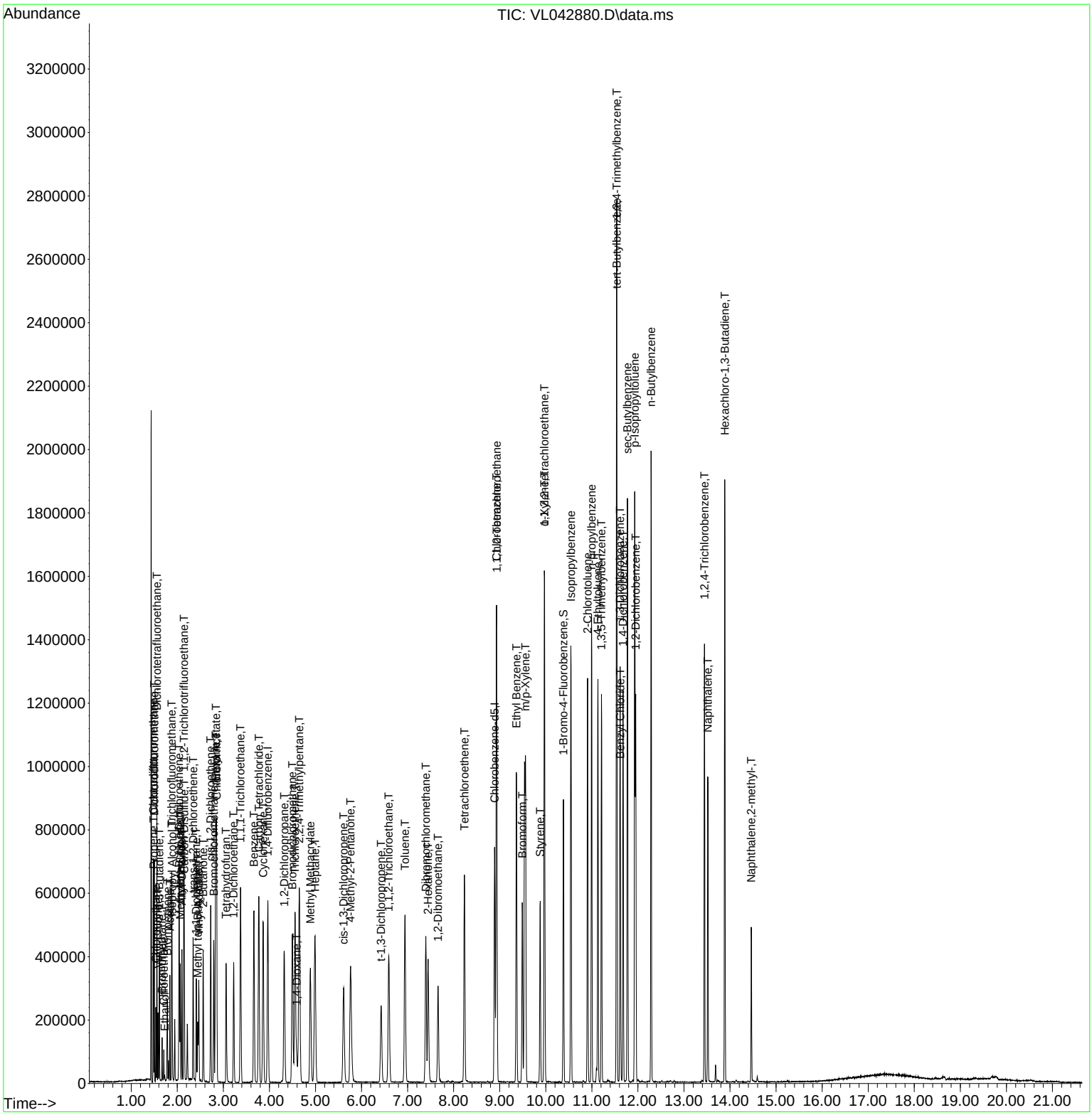
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	92	0.00
2	T	Dichlorodifluoromethane	1.466	1.493	-1.8	103	0.00
3		Chlorodifluoromethane	1.620	1.655	-2.2	101	0.00
4		Chloromethane	0.591	0.570	3.6	99	0.00
5	T	Vinyl Chloride	0.582	0.529	9.1	97	0.00
6	T	Bromomethane	0.233	0.219	6.0	100	0.00
7		Chloroethane	0.227	0.202	11.0	92	0.00
8	T	Dichlorotetrafluoroethane	1.199	1.190	0.8	98	0.00
9	T	Propene	0.700	0.613	12.4	86	0.00
10	T	Heptane	1.874	1.722	8.1	92	0.00
11	T	Trichlorofluoromethane	1.446	1.421	1.7	103	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.152	1.133	1.6	100	0.00
13		Ethanol	0.064	0.047#	26.6	94	0.00
14	T	Bromoethene	0.417	0.395	5.3	96	0.00
15	T	Acetone	1.323	1.094	17.3	106	0.00
16	T	1,3-Butadiene	0.600	0.526	12.3	97	0.00
17		tert-Butyl alcohol	1.569	1.349	14.0	91	0.00
18	T	1,1-Dichloroethene	0.507	0.498	1.8	98	0.00
19	T	Isopropyl Alcohol	0.790	0.689	12.8	98	0.00
20	T	Methylene Chloride	0.554	0.446	19.5	99	0.00
21	T	Allyl Chloride	0.935	0.873	6.6	95	0.00
22	T	trans-1,2-Dichloroethene	0.586	0.567	3.2	97	0.00
23	T	Vinyl Acetate	1.819	1.778	2.3	99	0.00
24	T	1,1-Dichloroethane	1.171	1.137	2.9	101	0.00
25	T	Ethyl Acetate	3.202	3.119	2.6	98	0.00
26	T	Hexane	1.478	1.399	5.3	93	0.00
27	T	Carbon Disulfide	1.438	1.440	-0.1	101	0.00
28	T	Methyl tert-Butyl Ether	0.754	0.715	5.2	100	0.00
29	T	Chloroform	2.110	2.199	-4.2	105	0.00
30	T	Cyclohexane	1.296	1.187	8.4	90	0.00
31	T	cis-1,2-Dichloroethene	1.476	1.399	5.2	96	0.00
32	T	1,1,1-Trichloroethane	2.230	2.184	2.1	101	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34	T	2-Butanone	0.675	0.731	-8.3	97	0.00
35	T	Carbon Tetrachloride	0.689	0.798	-15.8	102	0.00
36	T	Benzene	0.958	1.018	-6.3	91	0.00
37	T	1,2-Dichloroethane	0.500	0.627	-25.4	106	0.00
38	T	Trichloroethene	0.437	0.437	0.0	89	0.00
39	T	1,2-Dichloropropane	0.350	0.382	-9.1	96	0.00
40	T	1,4-Dioxane	0.166	0.156	6.0	86	0.00
41	T	Tetrahydrofuran	0.376	0.402	-6.9	92	0.00
42	T	Bromodichloromethane	0.745	0.893	-19.9	103	0.00
43		Methyl Methacrylate	0.394	0.394	0.0	87	0.00
44	T	2,2,4-Trimethylpentane	1.625	1.721	-5.9	92	0.00
45	T	t-1,3-Dichloropropene	0.445	0.449	-0.9	85	0.00
46	T	cis-1,3-Dichloropropene	0.555	0.583	-5.0	88	0.00
47	T	1,1,2-Trichloroethane	0.371	0.408	-10.0	97	0.00
48	T	Dibromochloromethane	0.600	0.673	-12.2	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	0.495	0.540	-9.1	89	0.00
50	T	4-Methyl-2-Pentanone	0.913	1.000	-9.5	92	0.00
51	T	2-Hexanone	0.718	0.799	-11.3	93	0.00
52	T	Tetrachloroethene	0.346	0.321	7.2	83	0.00
53	T	Toluene	1.138	1.157	-1.7	88	0.00
54	T	1,2-Dibromoethane	0.542	0.586	-8.1	94	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56		1,1,1,2-Tetrachloroethane	0.517	0.565	-9.3	95	0.00
57	T	Chlorobenzene	0.951	1.009	-6.1	92	0.00
58	T	Ethyl Benzene	1.765	1.877	-6.3	91	0.00
59	T	m/p-Xylene	1.383	1.528	-10.5	95	0.02
60	T	o-Xylene	1.391	1.535	-10.4	97	0.00
61	T	Styrene	0.652	0.661	-1.4	86	0.00
62		Isopropylbenzene	2.033	2.176	-7.0	94	0.00
63	T	1,1,2,2-Tetrachloroethane	0.765	0.845	-10.5	100	0.00
64		n-propylbenzene	0.519	0.551	-6.2	92	0.00
65		tert-Butylbenzene	1.793	1.892	-5.5	94	0.00
66	T	Benzyl Chloride	0.228	0.163	28.5	57	0.00
67		sec-Butylbenzene	2.516	2.756	-9.5	98	0.00
68	S	1-Bromo-4-Fluorobenzene	0.750	0.798	-6.4	84	0.00
69		p-Isopropyltoluene	2.160	2.235	-3.5	93	0.00
70		n-Butylbenzene	2.142	2.384	-11.3	99	0.00
71		2-Chlorotoluene	1.579	1.690	-7.0	95	0.00
72	T	4-Ethyltoluene	1.687	1.837	-8.9	94	0.00
73	T	1,3,5-Trimethylbenzene	1.434	1.525	-6.3	94	0.00
74	T	1,2,4-Trimethylbenzene	1.574	1.689	-7.3	97	0.00
75	T	1,3-Dichlorobenzene	0.895	0.958	-7.0	92	0.00
76	T	1,4-Dichlorobenzene	0.905	0.957	-5.7	91	0.00
77	T	1,2-Dichlorobenzene	0.876	0.926	-5.7	94	0.00
78	T	Hexachloro-1,3-Butadiene	0.718	0.596	17.0	83	0.00
79	T	Naphthalene	1.427	1.491	-4.5	90	0.00
80	T	Naphthalene,2-methyl-	0.533	0.439	17.6	73	0.00
81	T	1,2,4-Trichlorobenzene	0.717	0.712	0.7	86	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\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	10.188	-1.9	103	0.00
3		Chlorodifluoromethane	10.000	10.214	-2.1	101	0.00
4		Chloromethane	10.000	9.635	3.7	99	0.00
5	T	Vinyl Chloride	10.000	9.076	9.2	97	0.00
6	T	Bromomethane	10.000	9.386	6.1	100	0.00
7		Chloroethane	10.000	8.878	11.2	92	0.00
8	T	Dichlorotetrafluoroethane	10.000	9.919	0.8	98	0.00
9	T	Propene	10.000	8.766	12.3	86	0.00
10	T	Heptane	10.000	9.190	8.1	92	0.00
11	T	Trichlorofluoromethane	10.000	9.826	1.7	103	0.00
12	T	1,1,2-Trichlorotrifluoroeth	10.000	9.828	1.7	100	0.00
13		Ethanol	10.000	7.382	26.2	94	0.00
14	T	Bromoethene	10.000	9.459	5.4	96	0.00
15	T	Acetone	10.000	8.268	17.3	106	0.00
16	T	1,3-Butadiene	10.000	8.767	12.3	97	0.00
17		tert-Butyl alcohol	10.000	8.602	14.0	91	0.00
18	T	1,1-Dichloroethene	10.000	9.838	1.6	98	0.00
19	T	Isopropyl Alcohol	10.000	8.723	12.8	98	0.00
20	T	Methylene Chloride	10.000	8.048	19.5	99	0.00
21	T	Allyl Chloride	10.000	9.341	6.6	95	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.670	3.3	97	0.00
23	T	Vinyl Acetate	10.000	9.774	2.3	99	0.00
24	T	1,1-Dichloroethane	10.000	9.709	2.9	101	0.00
25	T	Ethyl Acetate	10.000	9.743	2.6	98	0.00
26	T	Hexane	10.000	9.469	5.3	93	0.00
27	T	Carbon Disulfide	10.000	10.015	-0.2	101	0.00
28	T	Methyl tert-Butyl Ether	10.000	9.485	5.2	100	0.00
29	T	Chloroform	10.000	10.420	-4.2	105	0.00
30	T	Cyclohexane	10.000	9.160	8.4	90	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.476	5.2	96	0.00
32	T	1,1,1-Trichloroethane	10.000	9.793	2.1	101	0.00
33	I	1,4-Difluorobenzene	10.000	10.000	0.0	81	0.00
34	T	2-Butanone	10.000	10.820	-8.2	97	0.00
35	T	Carbon Tetrachloride	10.000	11.581	-15.8	102	0.00
36	T	Benzene	10.000	10.630	-6.3	91	0.00
37	T	1,2-Dichloroethane	10.000	12.536	-25.4	106	0.00
38	T	Trichloroethene	10.000	10.000	0.0	89	0.00
39	T	1,2-Dichloropropane	10.000	10.929	-9.3	96	0.00
40	T	1,4-Dioxane	10.000	9.401	6.0	86	0.00
41	T	Tetrahydrofuran	10.000	10.674	-6.7	92	0.00
42	T	Bromodichloromethane	10.000	11.977	-19.8	103	0.00
43		Methyl Methacrylate	10.000	9.986	0.1	87	0.00
44	T	2,2,4-Trimethylpentane	10.000	10.587	-5.9	92	0.00
45	T	t-1,3-Dichloropropene	10.000	10.096	-1.0	85	0.00
46	T	cis-1,3-Dichloropropene	10.000	10.507	-5.1	88	0.00
47	T	1,1,2-Trichloroethane	10.000	11.002	-10.0	97	0.00
48	T	Dibromochloromethane	10.000	11.225	-12.2	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042880.D
Acq On : 26 Aug 2025 08:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Aug 27 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 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	10.914	-9.1	89	0.00
50	T	4-Methyl-2-Pentanone	10.000	10.953	-9.5	92	0.00
51	T	2-Hexanone	10.000	11.126	-11.3	93	0.00
52	T	Tetrachloroethene	10.000	9.271	7.3	83	0.00
53	T	Toluene	10.000	10.163	-1.6	88	0.00
54	T	1,2-Dibromoethane	10.000	10.812	-8.1	94	0.00
55	I	Chlorobenzene-d5	10.000	10.000	0.0	80	0.00
56		1,1,1,2-Tetrachloroethane	10.000	10.935	-9.4	95	0.00
57	T	Chlorobenzene	10.000	10.615	-6.2	92	0.00
58	T	Ethyl Benzene	10.000	10.635	-6.3	91	0.00
59	T	m/p-Xylene	20.000	22.098	-10.5	95	0.02
60	T	o-Xylene	10.000	11.030	-10.3	97	0.00
61	T	Styrene	10.000	10.138	-1.4	86	0.00
62		Isopropylbenzene	10.000	10.700	-7.0	94	0.00
63	T	1,1,2,2-Tetrachloroethane	10.000	11.042	-10.4	100	0.00
64		n-propylbenzene	10.000	10.630	-6.3	92	0.00
65		tert-Butylbenzene	10.000	10.552	-5.5	94	0.00
66	T	Benzyl Chloride	10.000	7.172	28.3	57	0.00
67		sec-Butylbenzene	10.000	10.955	-9.6	98	0.00
68	S	1-Bromo-4-Fluorobenzene	10.000	10.634	-6.3	84	0.00
69		p-Isopropyltoluene	10.000	10.344	-3.4	93	0.00
70		n-Butylbenzene	10.000	11.128	-11.3	99	0.00
71		2-Chlorotoluene	10.000	10.701	-7.0	95	0.00
72	T	4-Ethyltoluene	10.000	10.889	-8.9	94	0.00
73	T	1,3,5-Trimethylbenzene	10.000	10.632	-6.3	94	0.00
74	T	1,2,4-Trimethylbenzene	10.000	10.728	-7.3	97	0.00
75	T	1,3-Dichlorobenzene	10.000	10.706	-7.1	92	0.00
76	T	1,4-Dichlorobenzene	10.000	10.571	-5.7	91	0.00
77	T	1,2-Dichlorobenzene	10.000	10.566	-5.7	94	0.00
78	T	Hexachloro-1,3-Butadiene	10.000	8.301	17.0	83	0.00
79	T	Naphthalene	10.000	10.443	-4.4	90	0.00
80	T	Naphthalene,2-methyl-	10.000	8.223	17.8	73	0.00
81	T	1,2,4-Trichlorobenzene	10.000	9.926	0.7	86	0.00

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

QC SAMPLE DATA

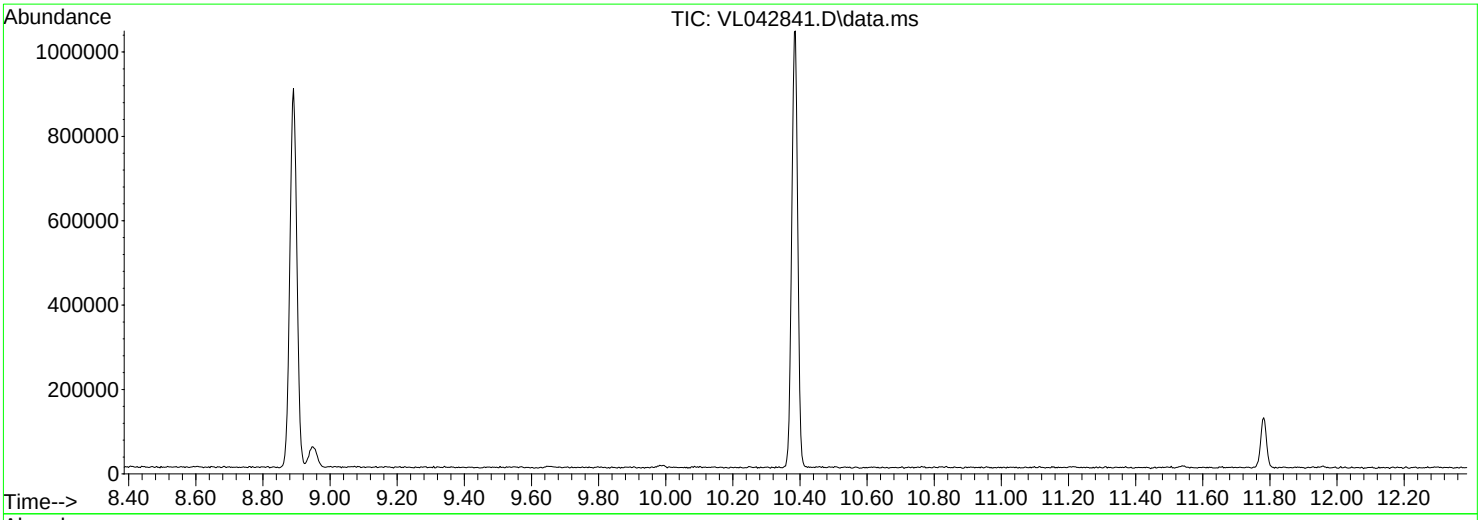
BFB

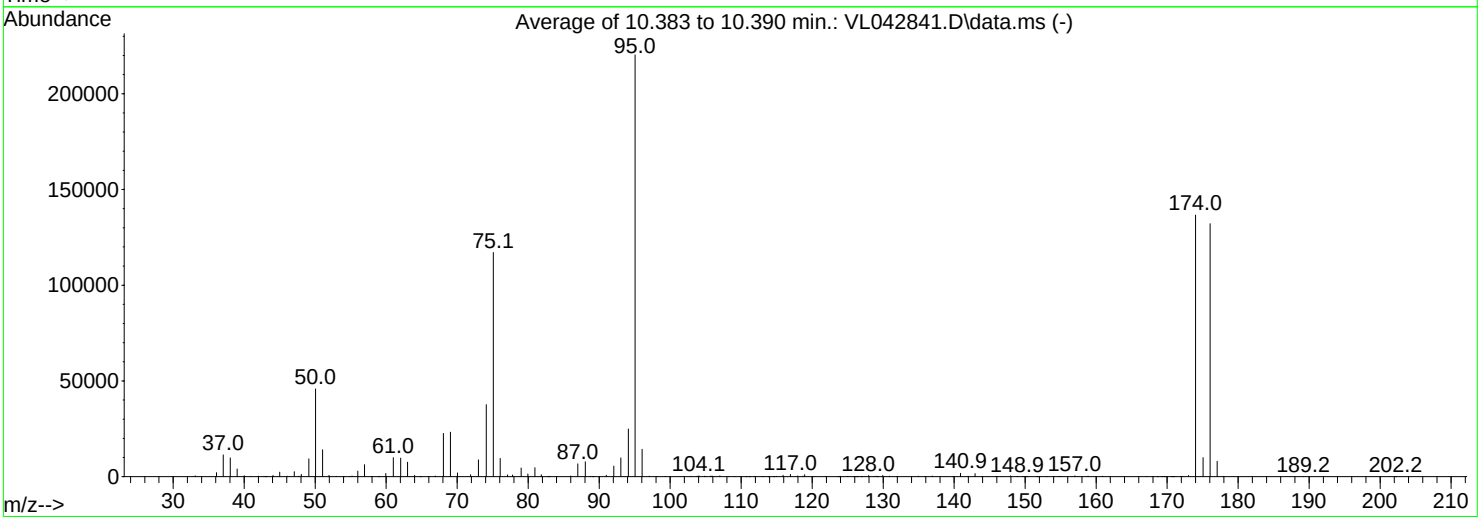
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
Data File : VL042841.D
Acq On : 13 Aug 2025 07:45
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Thu Aug 14 02:12:54 2025





AutoFind: Scans 3181, 3182, 3183; Background Corrected with Scan 3165

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.8	45819	PASS
75	95	30	66	53.1	117101	PASS
95	95	100	100	100.0	220336	PASS
96	95	5	9	6.5	14308	PASS
173	174	0.00	2	0.4	581	PASS
174	95	50	120	62.0	136669	PASS
175	174	4	9	7.3	9984	PASS
176	174	93	101	96.7	132147	PASS
177	176	5	9	6.1	8054	PASS

Average of 10.383 to 10.390 min.: VL042841.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
33.10	435	45.00	2327	54.85	120	64.00	68
36.10	2065	46.05	279	55.20	357	64.80	3
37.05	11354	47.05	2620	56.00	2948	65.95	9
38.05	9819	47.70	280	56.95	6253	66.90	32
39.00	4004	48.05	1145	57.90	171	68.05	22548
40.00	533	49.10	9251	58.10	91	69.05	23213
40.95	49	50.05	45819	58.90	22	70.05	1937
42.00	227	51.05	14036	59.95	1687	71.90	1041
42.80	161	51.95	671	61.00	9948	73.00	8793
43.05	39	52.95	188	62.05	9678	74.10	37600
44.05	666	53.95	37	63.00	7566	75.10	117101

Instrument :
MSVOA_L
ClientSampleId :
BFB

Average of 10.383 to 10.390 min.: VL042841.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
76.05	9555	87.00	6682	98.15	54	109.10	102
77.10	918	88.05	7760	99.30	64	110.70	18
77.80	815	88.80	77	102.95	130	111.15	1
79.00	4555	89.10	20	103.80	231	111.85	129
79.95	1463	91.00	725	104.05	430	112.95	69
80.95	4661	92.05	5511	104.85	224	113.20	121
81.85	1009	93.05	9746	105.05	89	113.80	17
82.80	45	94.10	24915	105.70	222	114.60	40
83.10	154	95.05	220336	105.90	378	115.00	164
84.10	59	96.05	14308	107.00	405	115.90	792
86.00	343	97.05	232	108.25	56	116.95	1160

Average of 10.383 to 10.390 min.: VL042841.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.95	357	127.95	629	138.85	68	147.95	426
118.70	248	128.70	103	139.80	86	148.90	159
118.95	989	129.00	282	140.05	107	149.70	172
120.00	35	129.20	46	140.90	1771	149.90	92
121.95	196	129.95	557	141.95	222	150.20	25
123.70	34	130.90	241	142.95	1603	151.70	42
124.00	187	131.95	49	143.90	46	152.10	65
125.00	93	134.00	75	144.75	112	152.90	115
125.90	42	134.95	263	145.80	52	153.10	90
126.30	20	135.85	80	146.05	101	154.10	102
126.90	38	136.90	300	146.70	83	154.70	65

Average of 10.383 to 10.390 min.: VL042841.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
154.90	185	170.60	19	189.20	100		
155.10	115	170.90	27	202.20	25		
157.00	453	171.05	82				
158.85	271	171.90	66				
160.90	247	172.20	170				
167.10	83	173.00	581				
168.00	69	174.00	136669				
168.60	43	175.05	9984				
169.20	47	176.05	132147				
169.60	20	177.05	8054				
170.05	75	177.95	182				

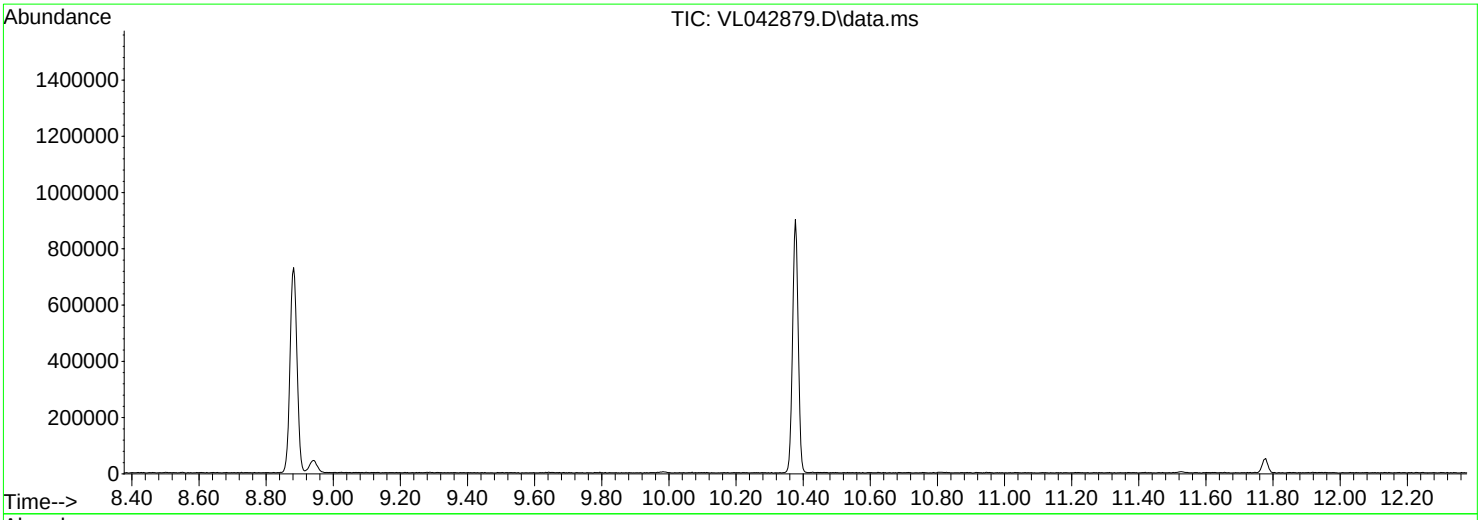
BFB

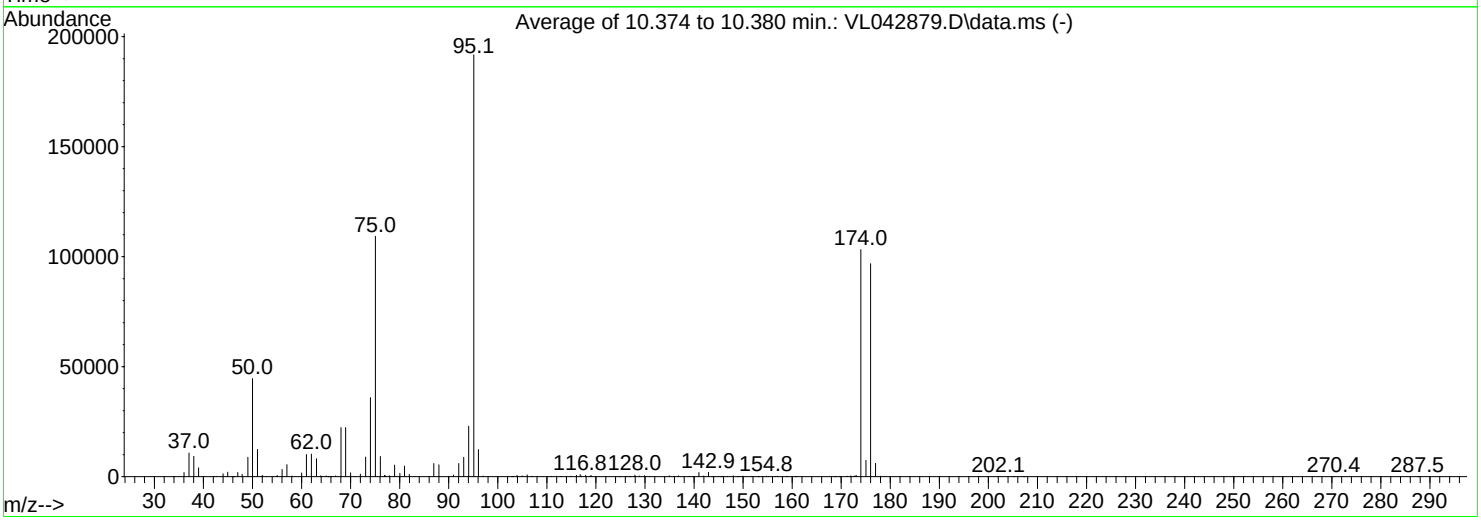
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042879.D
Acq On : 26 Aug 2025 07:43
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Thu Aug 14 02:12:54 2025





AutoFind: Scans 3178, 3179, 3180; Background Corrected with Scan 3165

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	23.3	44621	PASS
75	95	30	66	57.0	109235	PASS
95	95	100	100	100.0	191744	PASS
96	95	5	9	6.4	12312	PASS
173	174	0.00	2	0.6	619	PASS
174	95	50	120	53.8	103192	PASS
175	174	4	9	7.2	7463	PASS
176	174	93	101	93.8	96805	PASS
177	176	5	9	6.2	6043	PASS

Average of 10.374 to 10.380 min.: VL042879.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
33.85	34	47.00	1910	57.00	5452	66.95	35
36.05	1917	47.90	1119	58.05	281	68.05	2229
37.05	10763	49.05	8805	60.00	1651	69.00	2234
38.05	9231	50.00	44621	61.00	10073	70.00	175
39.00	4033	51.00	12397	62.00	10249	71.00	45
42.20	46	51.90	215	63.05	8128	72.00	1164
42.75	61	52.05	481	63.90	346	73.05	8913
44.00	1316	52.90	110	64.20	166	74.05	35965
44.95	2039	54.80	178	65.00	368	75.05	109235
45.80	39	55.05	544	65.40	34	76.05	9169
46.20	20	56.05	3292	66.00	33	76.90	593

Instrument :
MSVOA_L
ClientSampleId :
BFB

Average of 10.374 to 10.380 min.: VL042879.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.10	338	92.05	5992	106.80	49	117.90	609
77.90	473	93.05	8808	107.00	169	118.80	297
78.95	5228	94.05	22920	110.10	106	119.00	547
80.05	1531	95.10	191744	110.85	125	119.85	45
81.00	4777	96.05	12312	111.95	198	123.95	92
81.95	1005	97.00	292	112.75	91	124.80	19
82.90	125	102.80	81	112.95	82	126.00	30
85.95	114	103.00	20	114.90	247	126.80	33
86.95	5960	103.90	619	116.05	611	127.95	725
88.00	5394	104.95	337	116.80	926	128.85	326
90.95	757	106.00	810	117.00	327	129.90	447

Average of 10.374 to 10.380 min.: VL042879.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.95	109	143.80	30	153.10	21	169.70	17
134.95	383	143.95	44	154.00	60	171.20	192
135.80	84	145.00	165	154.75	205	171.95	378
136.85	365	145.50	37	155.20	69	172.60	167
138.80	43	145.85	187	156.55	80	172.80	347
139.05	111	146.10	93	157.05	195	173.05	619
139.80	131	146.80	122	158.90	174	174.00	103192
140.00	99	148.00	359	159.10	61	175.05	7463
141.00	1876	148.90	24	160.60	30	176.00	96805
141.90	286	149.95	202	161.00	155	177.00	6043
142.95	1940	151.75	125	168.70	23	177.95	251

Average of 10.374 to 10.380 min.: VL042879.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
202.05	43						
205.10	27						
207.20	31						
270.40	42						
287.50	34						

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Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABL01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042881.D	1		08/26/25 09:16	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.11	0.54	U	0.54	2.47	ug/m3
74-87-3	Chloromethane	0.10	0.21	U	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.080	ug/m3
74-83-9	Bromomethane	0.080	0.31	U	0.31	1.94	ug/m3
75-00-3	Chloroethane	0.15	0.40	U	0.40	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.080	0.24	U	0.24	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.17	0.96	U	0.96	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1.07	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1.05	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.16	0.49	U	0.49	1.52	ug/m3
142-82-5	Heptane	0.17	0.70	U	0.70	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	1.98	ug/m3
67-64-1	Acetone	0.18	0.43	U	0.43	1.19	ug/m3
75-15-0	Carbon Disulfide	0.080	0.25	U	0.25	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	0.83	1.80	ug/m3
75-09-2	Methylene Chloride	0.23	0.80	U	0.80	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	0.48	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.060	0.18	U	0.18	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.030	0.19	U	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98	ug/m3
67-66-3	Chloroform	0.10	0.49	U	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.14	0.65	U	0.65	2.34	ug/m3
71-43-2	Benzene	0.080	0.26	U	0.26	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.13	0.60	U	0.60	2.31	ug/m3
75-27-4	Bromodichloromethane	0.060	0.40	U	0.40	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	0.41	2.05	ug/m3
108-88-3	Toluene	0.16	0.60	U	0.60	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	0.68	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	0.50	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	0.44	2.73	ug/m3

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABL01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042881.D	1		08/26/25 09:16	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.090	0.77	U	0.77	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.090	0.69	U	0.69	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.19	0.83	U	0.83	2.17	ug/m3
179601-23-1	m/p-Xylene	0.41	1.78	U	1.78	4.34	ug/m3
95-47-6	o-Xylene	0.21	0.91	U	0.91	2.17	ug/m3
100-42-5	Styrene	0.16	0.68	U	0.68	2.13	ug/m3
75-25-2	Bromoform	0.050	0.52	U	0.52	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.17	0.88	U	0.88	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	0.88	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.18	0.88	U	0.88	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	0.78	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	0.78	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.21	1.56	U	1.56	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1.39	5.33	ug/m3
106-99-0	1,3-Butadiene	0.050	0.11	U	0.11	1.11	ug/m3
91-20-3	Naphthalene	0.010	0.050	U	0.050	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.21	1.03	U	1.03	2.46	ug/m3
110-54-3	Hexane	0.16	0.56	U	0.56	1.76	ug/m3
107-05-1	Allyl Chloride	0.11	0.34	U	0.34	1.57	ug/m3
123-91-1	1,4-Dioxane	0.22	0.79	U	0.79	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.14	0.57	U	0.57	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135	102%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	123000		2.79			
540-36-3	1,4-Difluorobenzene	337000		3.962			
3114-55-4	Chlorobenzene-d5	287000		8.885			

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABL01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042881.D	1		08/26/25 09:16	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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\VL082625\
Data File : VL042881.D
Acq On : 26 Aug 2025 09:16
Operator : SY/MD
Sample : VL0826ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABL01

Quant Time: Aug 27 01:10:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

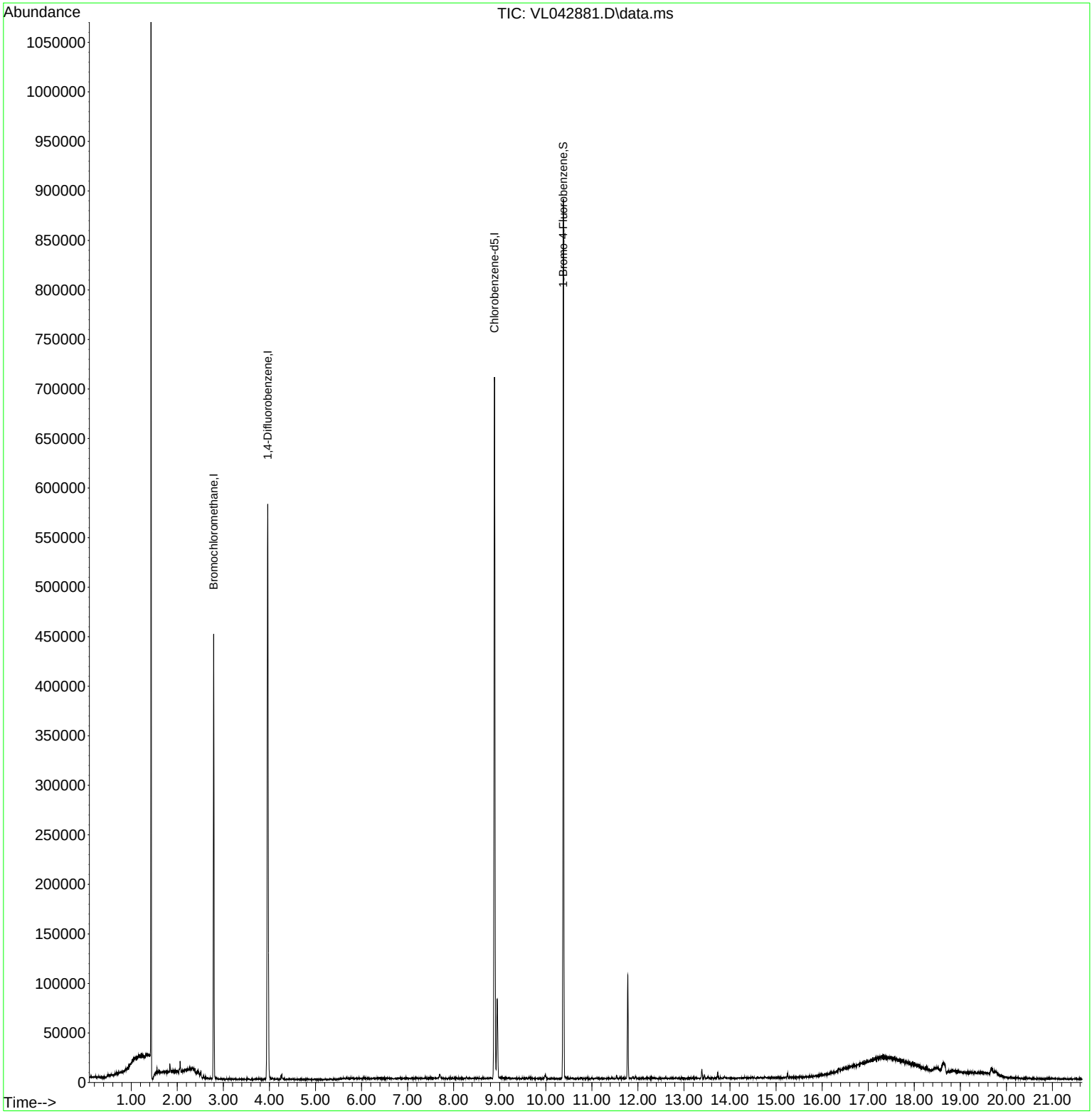
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	123348	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	337393	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	287495	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	220631	10.233	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.300%			
Target Compounds						Qvalue

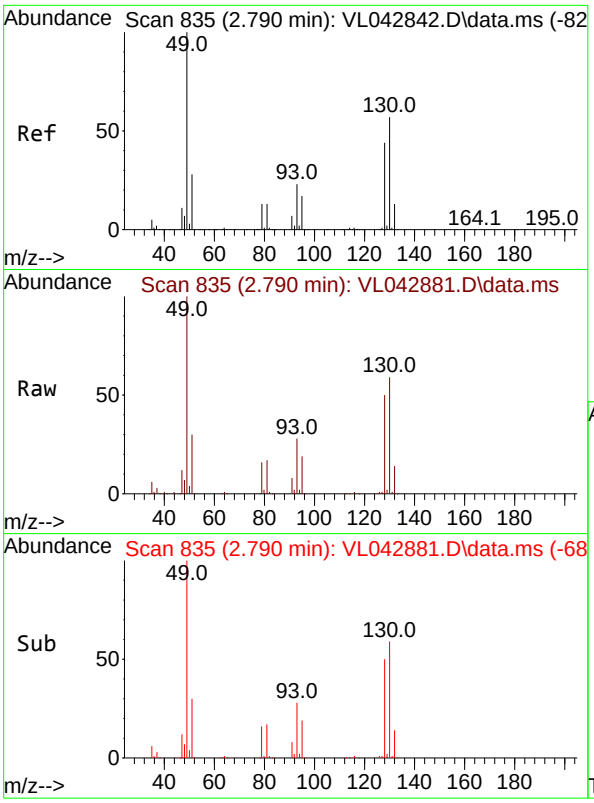
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042881.D
Acq On : 26 Aug 2025 09:16
Operator : SY/MD
Sample : VL0826ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABL01

Quant Time: Aug 27 01:10:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration



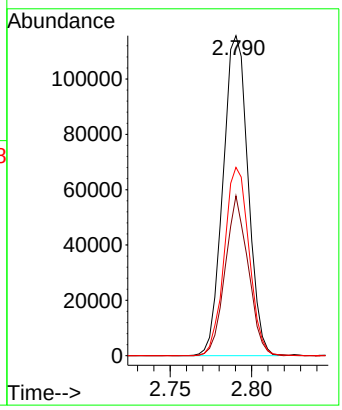


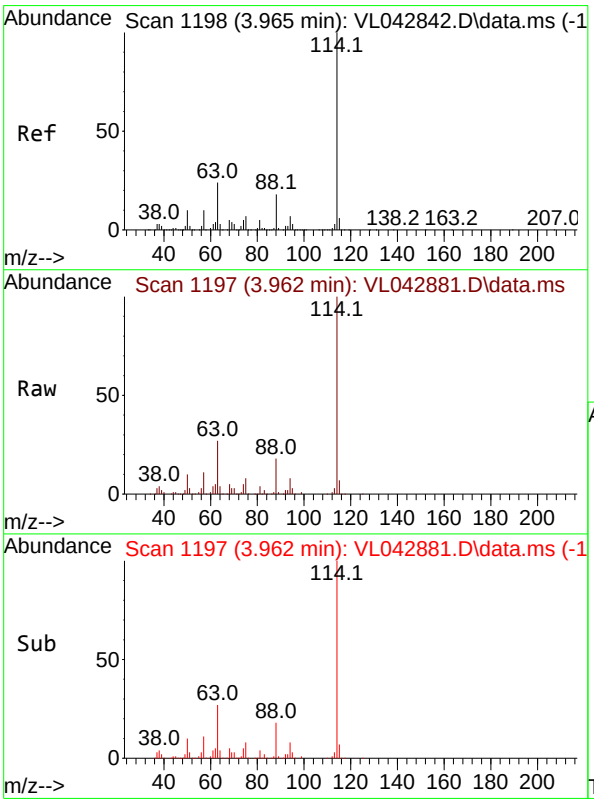
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABL01

Tgt Ion: 49 Resp: 123348

Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.7	71.1
130	58.2	30.6	91.6

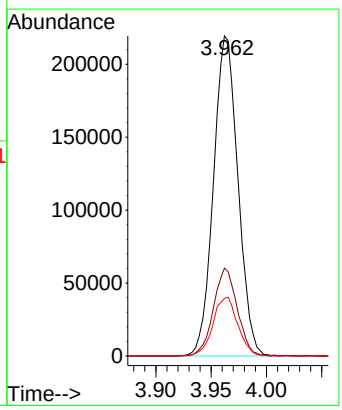


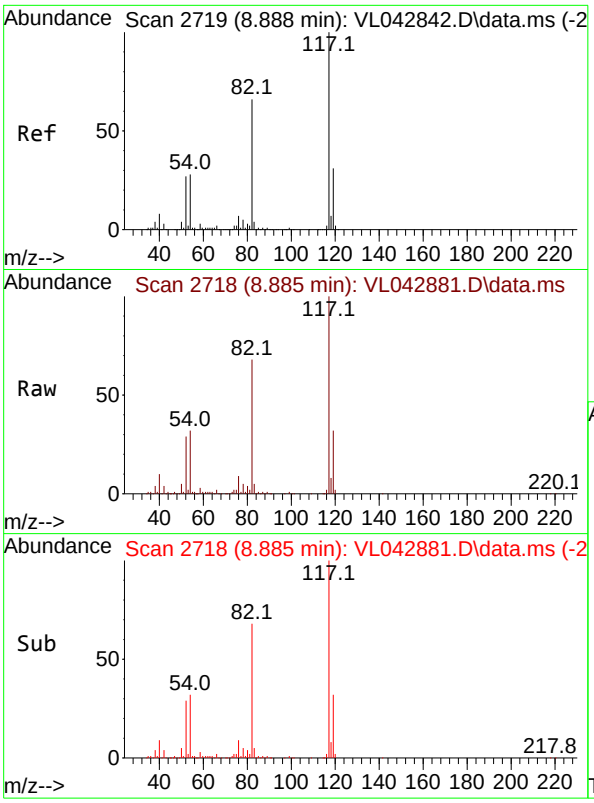


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.003 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Tgt Ion:114 Resp: 337393

Ion	Ratio	Lower	Upper
114	100		
63	26.8	19.7	29.5
88	18.6	14.4	21.6



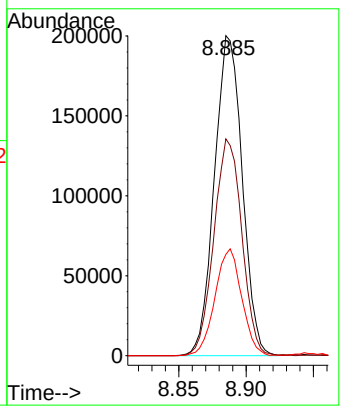


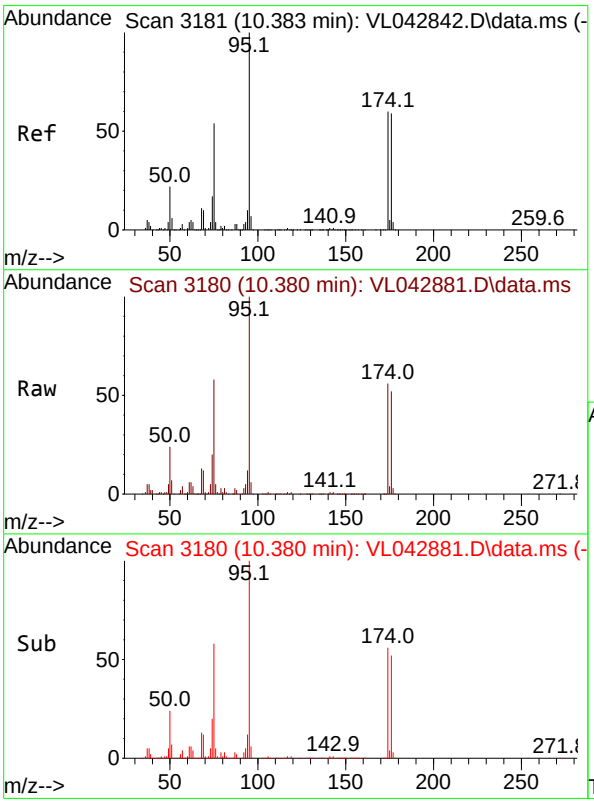
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABL01

Tgt Ion:117 Resp: 287495

Ion	Ratio	Lower	Upper
117	100		
82	68.2	54.6	81.8
119	32.1	25.9	38.9

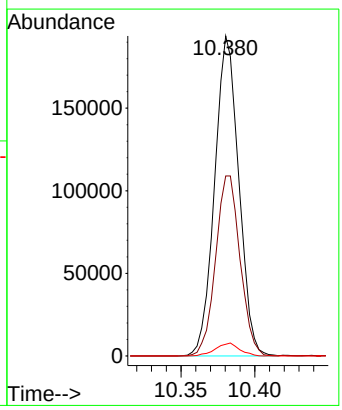




#68
1-Bromo-4-Fluorobenzene
Concen: 10.233 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.003 min
Lab File: VL042881.D
Acq: 26 Aug 2025 09:16

Tgt Ion: 95 Resp: 220631

Ion	Ratio	Lower	Upper
95	100		
174	57.1	48.4	72.6
175	4.0	3.8	5.8



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Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABS01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042882.D	1		08/26/25 12:58	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.2	50.4		0.54	2.47	ug/m3
74-87-3	Chloromethane	9.60	19.8		0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	9.10	23.3		0.080	0.080	ug/m3
74-83-9	Bromomethane	9.30	36.1		0.31	1.94	ug/m3
75-00-3	Chloroethane	9.20	24.3		0.40	1.32	ug/m3
109-99-9	Tetrahydrofuran	10.7	31.6		0.24	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.0	56.2		0.96	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.80	75.1		1.07	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.2	71.3		1.05	3.49	ug/m3
75-65-0	tert-Butyl alcohol	8.50	25.8		0.49	1.52	ug/m3
142-82-5	Heptane	9.40	38.5		0.70	2.05	ug/m3
75-35-4	1,1-Dichloroethene	10.1	40.0		0.59	1.98	ug/m3
67-64-1	Acetone	8.20	19.5		0.43	1.19	ug/m3
75-15-0	Carbon Disulfide	9.90	30.8		0.25	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	8.90	32.1		0.83	1.80	ug/m3
75-09-2	Methylene Chloride	7.80	27.1		0.80	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.90	39.3		0.48	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.80	39.7		0.53	2.02	ug/m3
110-82-7	Cyclohexane	9.40	32.4		0.76	1.72	ug/m3
78-93-3	2-Butanone	10.8	31.9		0.18	1.47	ug/m3
56-23-5	Carbon Tetrachloride	11.2	70.5		0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.80	38.9		0.40	1.98	ug/m3
67-66-3	Chloroform	10.6	51.8		0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.70	52.9		0.11	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	10.5	49.0		0.65	2.34	ug/m3
71-43-2	Benzene	10.7	34.2		0.26	1.60	ug/m3
107-06-2	1,2-Dichloroethane	12.2	49.4		0.36	2.02	ug/m3
79-01-6	Trichloroethene	9.90	53.2		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	10.8	49.9		0.60	2.31	ug/m3
75-27-4	Bromodichloromethane	11.6	77.7		0.40	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.8	44.3		0.41	2.05	ug/m3
108-88-3	Toluene	10.1	38.1		0.60	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	10.1	45.9		0.68	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	10.4	47.2		0.50	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	10.7	58.4		0.44	2.73	ug/m3

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

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABS01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042882.D	1		08/26/25 12:58	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	11.1	94.6		0.77	4.26	ug/m3
106-93-4	1,2-Dibromoethane	10.8	83.0		0.69	0.77	ug/m3
127-18-4	Tetrachloroethene	9.30	63.1		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	10.7	49.3		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	10.7	46.5		0.83	2.17	ug/m3
179601-23-1	m/p-Xylene	21.9	95.1		1.78	4.34	ug/m3
95-47-6	o-Xylene	11.0	47.8		0.91	2.17	ug/m3
100-42-5	Styrene	10.0	42.6		0.68	2.13	ug/m3
75-25-2	Bromoform	10.7	111		0.52	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	11.1	76.2		0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	10.6	54.9		0.88	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	10.6	52.1		0.88	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	10.5	51.6		0.88	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	10.6	63.7		0.30	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	10.5	63.1		0.78	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	10.4	62.5		0.78	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	9.90	73.5		1.56	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.00	85.3		1.39	5.33	ug/m3
106-99-0	1,3-Butadiene	8.90	19.7		0.11	1.11	ug/m3
91-20-3	Naphthalene	10.2	53.5		0.050	0.52	ug/m3
622-96-8	4-Ethyltoluene	10.8	53.1		1.03	2.46	ug/m3
110-54-3	Hexane	9.70	34.2		0.56	1.76	ug/m3
107-05-1	Allyl Chloride	9.40	29.4		0.34	1.57	ug/m3
123-91-1	1,4-Dioxane	9.40	33.9		0.79	1.80	ug/m3
80-62-6	Methyl Methacrylate	10.0	41.0		0.57	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	120000		2.787			
540-36-3	1,4-Difluorobenzene	336000		3.959			
3114-55-4	Chlorobenzene-d5	292000		8.885			

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Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	233 FLORIDA ST ELIZABETH NJ	Date Received:	
Client Sample ID:	VL0826ABS01	SDG No.:	Q2943
Lab Sample ID:	VL0826ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042882.D	1		08/26/25 12:58	VL082625

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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\VL082625\
Data File : VL042882.D
Acq On : 26 Aug 2025 12:58
Operator : SY/MD
Sample : VL0826ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:10:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
08/27/2025
Supervised By :Mahesh Dadoda
08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	120328	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	335593	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	291587	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	229231	10.482	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	179347	10.170	ppbv	100
3) Chlorodifluoromethane	1.476	51	205382	10.536	ppbv	100
4) Chloromethane	1.531	50	68216	9.586	ppbv	95
5) Vinyl Chloride	1.580	62	63448	9.053	ppbv	98
6) Bromomethane	1.667	94	26088	9.309	ppbv	93
7) Chloroethane	1.703	64	25112	9.175	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	146504	10.152	ppbv	96
9) Propene	1.483	41	76820	9.125	ppbv	99
10) Heptane	4.982	43	212002	9.403	ppbv	99
11) Trichlorofluoromethane	1.878	101	173505	9.972	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	136502	9.843	ppbv	97
13) Ethanol	1.722	45	5945	7.724	ppbv	96
14) Bromoethene	1.781	108	49464	9.853	ppbv	98
15) Acetone	1.836	43	130343	8.189	ppbv	98
16) 1,3-Butadiene	1.609	39	64056	8.877	ppbv	99
17) tert-Butyl alcohol	2.039	59	160632	8.510	ppbv	98
18) 1,1-Dichloroethene	2.033	96	61599	10.104	ppbv	97
19) Isopropyl Alcohol	1.884	45	83886	8.824	ppbv	99
20) Methylene Chloride	2.062	84	52286	7.842	ppbv	93
21) Allyl Chloride	2.094	41	105652	9.396	ppbv	93
22) trans-1,2-Dichloroethene	2.340	96	69860	9.904	ppbv	96
23) Vinyl Acetate	2.463	43	200780	9.174	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	138380	9.824	ppbv	99
25) Ethyl Acetate	2.836	43	378826	9.834	ppbv	99
26) Hexane	2.826	57	173270	9.744	ppbv	95
27) Carbon Disulfide	2.149	76	171438	9.907	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	80548	8.884	ppbv	91
29) Chloroform	2.849	83	267897	10.552	ppbv	99
30) Cyclohexane	3.855	84	146586	9.403	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	174095	9.802	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	260552	9.711	ppbv	98
34) 2-Butanone	2.557	43	243779	10.758	ppbv	100
35) Carbon Tetrachloride	3.761	117	258725	11.183	ppbv	98
36) Benzene	3.658	78	344231	10.712	ppbv	98
37) 1,2-Dichloroethane	3.218	62	204516	12.181	ppbv	96
38) Trichloroethene	4.548	130	145016	9.881	ppbv	96
39) 1,2-Dichloropropane	4.315	63	126704	10.795	ppbv	94
40) 1,4-Dioxane	4.580	88	52376	9.385	ppbv #	87
41) Tetrahydrofuran	3.053	42	135743	10.744	ppbv	100
42) Bromodichloromethane	4.493	83	289041	11.553	ppbv	99
43) Methyl Methacrylate	4.878	69	132659	10.021	ppbv	94
44) 2,2,4-Trimethylpentane	4.642	57	575104	10.544	ppbv	98
45) t-1,3-Dichloropropene	6.415	75	150653	10.084	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042882.D
Acq On : 26 Aug 2025 12:58
Operator : SY/MD
Sample : VL0826ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:10:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

08/27/2025

Supervised By :Mahesh Dadoda

08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	193603	10.400	ppbv		95
47) 1,1,2-Trichloroethane	6.584	97	132827m	10.682	ppbv		
48) Dibromochloromethane	7.390	129	223261	11.095	ppbv		98
49) Bromoform	9.484	173	177586	10.701	ppbv		99
50) 4-Methyl-2-Pentanone	5.752	43	331985	10.839	ppbv		98
51) 2-Hexanone	7.441	43	265868	11.031	ppbv	#	96
52) Tetrachloroethene	8.228	164	108061	9.295	ppbv		93
53) Toluene	6.936	91	387446	10.141	ppbv		100
54) 1,2-Dibromoethane	7.655	107	196360	10.805	ppbv		99
56) 1,1,1,2-Tetrachloroethane	8.927	131	164994	10.942	ppbv		97
57) Chlorobenzene	8.924	112	295860	10.671	ppbv		98
58) Ethyl Benzene	9.354	91	550572	10.700	ppbv		97
59) m/p-Xylene	9.555	91	882918m	21.891	ppbv		
60) o-Xylene	9.966	91	447101	11.020	ppbv		98
61) Styrene	9.875	104	190432	10.018	ppbv		98
62) Isopropylbenzene	10.542	105	631812	10.656	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.966	83	246924	11.067	ppbv		100
64) n-propylbenzene	10.992	120	156519	10.346	ppbv		90
65) tert-Butylbenzene	11.533	119	542756	10.384	ppbv		95
66) Benzyl Chloride	11.617	91	46679	7.035	ppbv		97
67) sec-Butylbenzene	11.769	105	786777	10.724	ppbv		98
69) p-Isopropyltoluene	11.927	119	646167	10.259	ppbv		98
70) n-Butylbenzene	12.283	91	684256	10.953	ppbv		97
71) 2-Chlorotoluene	10.901	91	486123	10.559	ppbv		96
72) 4-Ethyltoluene	11.128	105	529149	10.759	ppbv		98
73) 1,3,5-Trimethylbenzene	11.206	105	442121	10.571	ppbv		97
74) 1,2,4-Trimethylbenzene	11.539	105	483783	10.538	ppbv		97
75) 1,3-Dichlorobenzene	11.610	146	276403	10.591	ppbv		99
76) 1,4-Dichlorobenzene	11.672	146	277642	10.519	ppbv		98
77) 1,2-Dichlorobenzene	11.950	146	266369	10.423	ppbv		99
78) Hexachloro-1,3-Butadiene	13.882	225	166586	7.953	ppbv		99
79) Naphthalene	13.513	128	425618	10.226	ppbv		98
80) Naphthalene,2-methyl-	14.458	142	135588	8.718	ppbv		97
81) 1,2,4-Trichlorobenzene	13.442	180	206427	9.868	ppbv		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042882.D
Acq On : 26 Aug 2025 12:58
Operator : SY/MD
Sample : VL0826ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 27 01:10:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

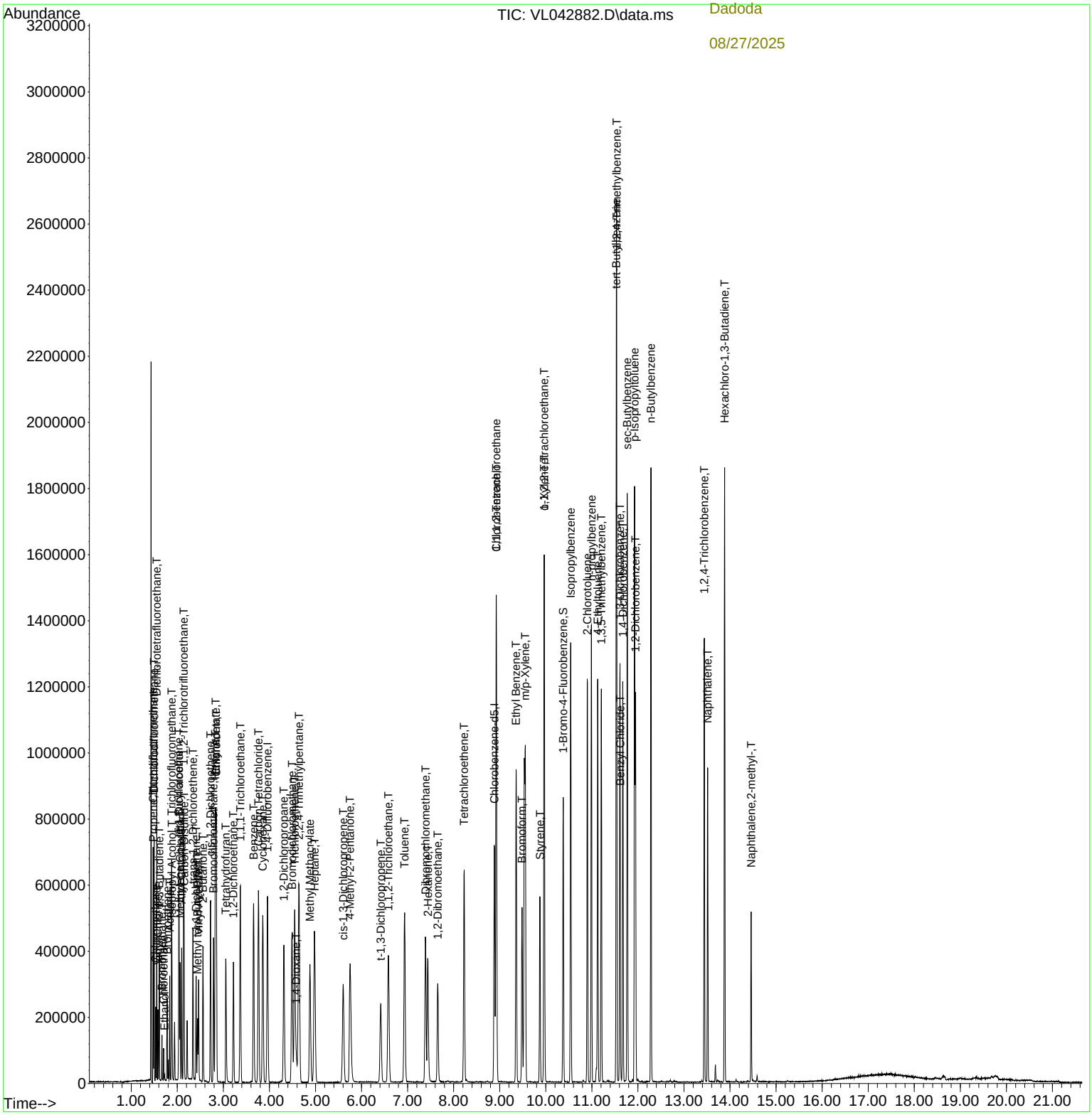
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

08/27/2025
Supervised By :Mahesh Dadoda

08/27/2025



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Manual Integration Report

Sequence:	VL081325	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042842.D	m/p-Xylene	SAM	8/14/2025 7:48:06 AM	MMDadoda	8/18/2025 8:42:07 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	1,1,2-Trichloroethane	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	1,4-Dioxane	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	cis-1,3-Dichloropropene	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	Ethanol	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	m/p-Xylene	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC002	VL042843.D	Methyl Methacrylate	SAM	8/14/2025 7:48:12 AM	MMDadoda	8/18/2025 8:42:11 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	1,2-Dichloropropane	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	1,4-Dioxane	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	2,2,4-Trimethylpentane	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	Ethanol	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	Heptane	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	m/p-Xylene	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VL081325	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VL042844.D	Methyl Methacrylate	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	t-1,3-Dichloropropene	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC001	VL042844.D	trans-1,2-Dichloroethene	SAM	8/14/2025 7:48:18 AM	MMDadoda	8/18/2025 8:42:13 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	1,1,2-Trichloroethane	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	1,4-Dioxane	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	2,2,4-Trimethylpentane	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	4-Methyl-2-Pentanone	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	cis-1,3-Dichloropropene	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	m/p-Xylene	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	Methyl Methacrylate	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	t-1,3-Dichloropropene	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.5	VL042845.D	Toluene	SAM	8/14/2025 7:49:25 AM	MMDadoda	8/18/2025 8:42:16 AM	Peak Integrated by Software
VSTDICC0.1	VL042846.D	1,1,1-Trichloroethane	SAM	8/14/2025 7:48:23 AM	MMDadoda	8/18/2025 8:42:18 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VL081325	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC0.1	VL042846.D	1,2-Dibromoethane	SAM	8/14/2025 7:48:23 AM	MMDadoda	8/18/2025 8:42:18 AM	Peak Integrated by Software
VSTDICC0.1	VL042846.D	Naphthalene	SAM	8/14/2025 7:48:23 AM	MMDadoda	8/18/2025 8:42:18 AM	Peak Integrated by Software
VSTDICC0.1	VL042846.D	Tetrachloroethene	SAM	8/14/2025 7:48:23 AM	MMDadoda	8/18/2025 8:42:18 AM	Peak Integrated by Software
VSTDICC0.1	VL042846.D	Trichloroethene	SAM	8/14/2025 7:48:23 AM	MMDadoda	8/18/2025 8:42:18 AM	Peak Integrated by Software
VSTDICC0.03	VL042847.D	1,1,1-Trichloroethane	SAM	8/14/2025 7:49:29 AM	MMDadoda	8/18/2025 8:42:20 AM	Peak Integrated by Software
VSTDICC0.03	VL042847.D	1,1,2,2-Tetrachloroethane	SAM	8/14/2025 7:49:29 AM	MMDadoda	8/18/2025 8:42:20 AM	Peak Integrated by Software
VSTDICC0.03	VL042847.D	Carbon Tetrachloride	SAM	8/14/2025 7:49:29 AM	MMDadoda	8/18/2025 8:42:20 AM	Peak Integrated by Software
VSTDICC0.03	VL042847.D	Tetrachloroethene	SAM	8/14/2025 7:49:29 AM	MMDadoda	8/18/2025 8:42:20 AM	Peak Integrated by Software
VSTDICC0.03	VL042847.D	Trichloroethene	SAM	8/14/2025 7:49:29 AM	MMDadoda	8/18/2025 8:42:20 AM	Peak Integrated by Software
VSTDICC015	VL042848.D	m/p-Xylene	SAM	8/14/2025 7:49:35 AM	MMDadoda	8/18/2025 8:42:35 AM	Peak Integrated by Software
VSTDICV010	VL042849.D	cis-1,3-Dichloropropene	SAM	8/14/2025 7:48:28 AM	MMDadoda	8/18/2025 8:42:37 AM	Peak Integrated by Software
VSTDICV010	VL042849.D	m/p-Xylene	SAM	8/14/2025 7:48:28 AM	MMDadoda	8/18/2025 8:42:37 AM	Peak Integrated by Software
VSTDCCC010	VL042864.D	m/p-Xylene	SAM	8/14/2025 7:47:54 AM	MMDadoda	8/18/2025 8:43:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VL081325	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VL082625	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042880.D	m/p-Xylene	Sam	8/27/2025 3:16:14 PM	MMDadoda	8/27/2025 3:19:49 PM	Peak Integrated by Software
VL0826ABS01	VL042882.D	1,1,2-Trichloroethane	Sam	8/27/2025 3:16:16 PM	MMDadoda	8/27/2025 3:19:51 PM	Peak Integrated by Software
VL0826ABS01	VL042882.D	m/p-Xylene	Sam	8/27/2025 3:16:16 PM	MMDadoda	8/27/2025 3:19:51 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	1,1,1-Trichloroethane	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	Acetone	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	Heptane	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	m/p-Xylene	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	Propene	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	Tetrachloroethene	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01DL	VL042883.D	Toluene	Sam	8/27/2025 3:16:18 PM	MMDadoda	8/27/2025 3:19:53 PM	Peak Integrated by Software
Q2943-01	VL042884.D	1,1,1-Trichloroethane	Sam	8/27/2025 3:16:20 PM	MMDadoda	8/27/2025 3:19:55 PM	Peak Integrated by Software
Q2943-01	VL042884.D	Acetone	Sam	8/27/2025 3:16:20 PM	MMDadoda	8/27/2025 3:19:55 PM	Peak Integrated by Software
Q2943-01	VL042884.D	Cyclohexane	Sam	8/27/2025 3:16:20 PM	MMDadoda	8/27/2025 3:19:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VL082625	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2943-01	VL042884.D	Heptane	Sam	8/27/2025 3:16:20 PM	MMDadoda	8/27/2025 3:19:55 PM	Peak Integrated by Software
Q2943-01DUP	VL042885.D	Acetone	Sam	8/27/2025 3:16:25 PM	MMDadoda	8/27/2025 3:19:56 PM	Peak Integrated by Software
Q2943-01DUP	VL042885.D	Tetrachloroethene	Sam	8/27/2025 3:16:25 PM	MMDadoda	8/27/2025 3:19:56 PM	Peak Integrated by Software
VSTDCCC010	VL042886.D	m/p-Xylene	Sam	8/27/2025 3:16:27 PM	MMDadoda	8/27/2025 3:19:58 PM	Peak Integrated by Software

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL081325

Review By	Semsettin Yesilyurt	Review On	8/14/2025 7:50:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:43:31 AM				
SubDirectory	VL081325	HP Acquire Method	TO15AIR.M		HP Processing Method	VL081325AIR.M	

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	AP2650,AP2652,AP2653
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	AP2654
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042841.D	13 Aug 2025 07:45	SY/MD	Ok
2	VSTDICCC010	VL042842.D	13 Aug 2025 08:30	SY/MD	Ok,M
3	VSTDICC002	VL042843.D	13 Aug 2025 09:06	SY/MD	Ok,M
4	VSTDICC001	VL042844.D	13 Aug 2025 09:41	SY/MD	Ok,M
5	VSTDICC0.5	VL042845.D	13 Aug 2025 10:17	SY/MD	Ok,M
6	VSTDICC0.1	VL042846.D	13 Aug 2025 10:53	SY/MD	Ok,M
7	VSTDICC0.03	VL042847.D	13 Aug 2025 11:30	SY/MD	Ok,M
8	VSTDICC015	VL042848.D	13 Aug 2025 12:06	SY/MD	Ok,M
9	VSTDICV010	VL042849.D	13 Aug 2025 12:56	SY/MD	Ok,M
10	VL0813ABL01	VL042850.D	13 Aug 2025 13:46	SY/MD	Ok
11	VL0813ABS01	VL042851.D	13 Aug 2025 14:32	SY/MD	Ok,M
12	Q2727-01DL2	VL042852.D	13 Aug 2025 15:10	SY/MD	Ok
13	Q2126-14 0.1 PPB LOQ	VL042853.D	13 Aug 2025 15:49	SY/MD	Ok,M
14	QC080725 CAN10282	VL042854.D	13 Aug 2025 16:27	SY/MD	Ok
15	Q2794-01	VL042855.D	13 Aug 2025 17:05	SY/MD	Dilution
16	Q2794-01DUP	VL042856.D	13 Aug 2025 17:43	SY/MD	Ok,M
17	Q2794-01DL	VL042857.D	13 Aug 2025 18:21	SY/MD	Ok,M
18	Q2794-02	VL042858.D	13 Aug 2025 18:58	SY/MD	Ok,M
19	Q2794-02DL	VL042859.D	13 Aug 2025 19:35	SY/MD	Not Ok
20	QC081125 CAN 10280	VL042860.D	13 Aug 2025 20:12	SY/MD	Ok
21	Q2834-01	VL042861.D	13 Aug 2025 20:49	SY/MD	Ok,M

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL081325

Review By	Semsettin Yesilyurt	Review On	8/14/2025 7:50:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:43:31 AM				
SubDirectory	VL081325	HP Acquire Method	TO15AIR.M		HP Processing Method	VL081325AIR.M	

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	AP2650,AP2652,AP2653
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	AP2654
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2834-02	VL042862.D	13 Aug 2025 21:26	SY/MD	Ok,M
23	Q2834-02DL	VL042863.D	13 Aug 2025 22:02	SY/MD	Not Ok
24	VSTDCCC010	VL042864.D	13 Aug 2025 22:39	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:16:53 PM				
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:20:14 PM				
SubDirectory	VL082625	HP Acquire Method	TO15AIR.M	HP Processing Method	VL081325AIR.M		

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042879.D	26 Aug 2025 07:43	SY/MD	Ok
2	VSTDCCC010	VL042880.D	26 Aug 2025 08:29	SY/MD	Ok,M
3	VL0826ABL01	VL042881.D	26 Aug 2025 09:16	SY/MD	Ok
4	VL0826ABS01	VL042882.D	26 Aug 2025 12:58	SY/MD	Ok,M
5	Q2943-01DL	VL042883.D	26 Aug 2025 13:42	SY/MD	Ok,M
6	Q2943-01	VL042884.D	26 Aug 2025 14:29	SY/MD	Dilution
7	Q2943-01DUP	VL042885.D	26 Aug 2025 15:04	SY/MD	Ok,M
8	VSTDCCC010	VL042886.D	26 Aug 2025 15:50	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL081325

Review By	Semsettin Yesilyurt	Review On	8/14/2025 7:50:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:43:31 AM		
SubDirectory	VL081325	HP Acquire Method	TO15AIR.M	HP Processing Method	VL081325AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	AP2650,AP2652,AP2653
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	AP2654
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VL042841.D	13 Aug 2025 07:45		SY/MD	Ok
2	VSTDICCC010	VSTDICCC010	VL042842.D	13 Aug 2025 08:30		SY/MD	Ok,M
3	VSTDICC002	VSTDICC002	VL042843.D	13 Aug 2025 09:06		SY/MD	Ok,M
4	VSTDICC001	VSTDICC001	VL042844.D	13 Aug 2025 09:41		SY/MD	Ok,M
5	VSTDICC0.5	VSTDICC0.5	VL042845.D	13 Aug 2025 10:17		SY/MD	Ok,M
6	VSTDICC0.1	VSTDICC0.1	VL042846.D	13 Aug 2025 10:53		SY/MD	Ok,M
7	VSTDICC0.03	VSTDICC0.03	VL042847.D	13 Aug 2025 11:30		SY/MD	Ok,M
8	VSTDICC015	VSTDICC015	VL042848.D	13 Aug 2025 12:06		SY/MD	Ok,M
9	VSTDICV010	ICVVL081325	VL042849.D	13 Aug 2025 12:56		SY/MD	Ok,M
10	VL0813ABL01	VL0813ABL01	VL042850.D	13 Aug 2025 13:46		SY/MD	Ok
11	VL0813ABS01	VL0813ABS01	VL042851.D	13 Aug 2025 14:32		SY/MD	Ok,M
12	Q2727-01DL2	AE073-1100DL2	VL042852.D	13 Aug 2025 15:10		SY/MD	Ok
13	Q2126-14 0.1 PPB LOQ	LOQ-AIR-02-QT2-2025	VL042853.D	13 Aug 2025 15:49		SY/MD	Ok,M
14	QC080725 CAN10282	QC080725 CAN10282	VL042854.D	13 Aug 2025 16:27		SY/MD	Ok
15	Q2794-01	IA1	VL042855.D	13 Aug 2025 17:05	Need 10X	SY/MD	Dilution
16	Q2794-01DUP	IA1DUP	VL042856.D	13 Aug 2025 17:43		SY/MD	Ok,M
17	Q2794-01DL	IA1DL	VL042857.D	13 Aug 2025 18:21		SY/MD	Ok,M
18	Q2794-02	OA1	VL042858.D	13 Aug 2025 18:58		SY/MD	Ok,M

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL081325

Review By	Semsettin Yesilyurt	Review On	8/14/2025 7:50:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:43:31 AM		
SubDirectory	VL081325	HP Acquire Method	TO15AIR.M	HP Processing Method	VL081325AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	AP2650,AP2652,AP2653
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	AP2654
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2794-02DL	OA1DL	VL042859.D	13 Aug 2025 19:35	Not Required	SY/MD	Not Ok
20	QC081125 CAN 10280	QC081125 CAN 10280	VL042860.D	13 Aug 2025 20:12		SY/MD	Ok
21	Q2834-01	IA1	VL042861.D	13 Aug 2025 20:49		SY/MD	Ok,M
22	Q2834-02	SV1	VL042862.D	13 Aug 2025 21:26		SY/MD	Ok,M
23	Q2834-02DL	SV1DL	VL042863.D	13 Aug 2025 22:02	Not Required	SY/MD	Not Ok
24	VSTDCCC010	VSTDCCC010EC	VL042864.D	13 Aug 2025 22:39		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:16:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:20:14 PM		
SubDirectory	VL082625	HP Acquire Method	TO15AIR.M	HP Processing Method	VL081325AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2655
Initial Calibration Stds	
CCC	AP2650
Internal Standard/PEM	AP2655
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VL042879.D	26 Aug 2025 07:43		SY/MD	Ok
2	VSTDCCC010	VSTDCCC010	VL042880.D	26 Aug 2025 08:29		SY/MD	Ok,M
3	VL0826ABL01	VL0826ABL01	VL042881.D	26 Aug 2025 09:16		SY/MD	Ok
4	VL0826ABS01	VL0826ABS01	VL042882.D	26 Aug 2025 12:58		SY/MD	Ok,M
5	Q2943-01DL	SV1DL	VL042883.D	26 Aug 2025 13:42		SY/MD	Ok,M
6	Q2943-01	SV1	VL042884.D	26 Aug 2025 14:29	Need 10X	SY/MD	Dilution
7	Q2943-01DUP	SV1DUP	VL042885.D	26 Aug 2025 15:04		SY/MD	Ok,M
8	VSTDCCC010	VSTDCCC010EC	VL042886.D	26 Aug 2025 15:50		SY/MD	Ok,M

M : Manual Integration