



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3756
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OW-04B-26.5-120225-SIM
 Lab Sample ID: Q3756-02
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 11:17	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.52			40 - 130	104.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.52			70 - 130	104.2%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	83.2%	SPK: 0.5		
2037-26-5	Toluene-d8	0.44			70 - 130	88.8%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.67	*		65 - 120	134%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	4610							
540-36-3	1,4-Difluorobenzene	4730							
3855-82-1	1,4-Dichlorobenzene-d4	2430							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OW-04B-26.5-120225-SIMI
 Lab Sample ID: Q3756-02RE
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 15:03	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.55			40 - 130	109.6%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.59			70 - 130	117.8%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.43			60 - 140	85.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.45			70 - 130	89%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.80	*		65 - 120	159.4%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	3910							
540-36-3	1,4-Difluorobenzene	3820							
3855-82-1	1,4-Dichlorobenzene-d4	2030							

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: MW-04-12-120225-SIM
 Lab Sample ID: Q3756-06
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 12:42	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.56			40 - 130	113%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.46			70 - 130	91.6%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.43			60 - 140	86.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.48			70 - 130	95.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.55			65 - 120	110.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6270							
540-36-3	1,4-Difluorobenzene	6290							
3855-82-1	1,4-Dichlorobenzene-d4	3210							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: MW-13B-47.5-120225-SIM
 Lab Sample ID: Q3756-08
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 13:03	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.62			40 - 130	123.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.45			70 - 130	90.2%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	84%	SPK: 0.5		
2037-26-5	Toluene-d8	0.46			70 - 130	91.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.54			65 - 120	107.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6410							
540-36-3	1,4-Difluorobenzene	6410							
3855-82-1	1,4-Dichlorobenzene-d4	3310							

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: EB01-120225
 Lab Sample ID: Q3756-09
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 11:39	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.55			40 - 130	110.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.47			70 - 130	93%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.43			60 - 140	85.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.49			70 - 130	97%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.54			65 - 120	107.4%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5930							
540-36-3	1,4-Difluorobenzene	5920							
3855-82-1	1,4-Dichlorobenzene-d4	3130							

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: TB01-120225
 Lab Sample ID: Q3756-10
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 12:00	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.54			40 - 130	107.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.45			70 - 130	90%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	83.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.47			70 - 130	93.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.52			65 - 120	103.8%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6200							
540-36-3	1,4-Difluorobenzene	6250							
3855-82-1	1,4-Dichlorobenzene-d4	3150							

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VHBLK001
 Lab Sample ID: Q3756-12
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/02/25
 Date Received: 12/02/25
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/05/25 16:29	VV120525
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.59			40 - 130	118.4%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.48			70 - 130	96.4%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.43			60 - 140	85.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.47			70 - 130	93.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.53			65 - 120	106%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5740							
540-36-3	1,4-Difluorobenzene	5670							
3855-82-1	1,4-Dichlorobenzene-d4	2940							

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3756**

Client: **JACOBS Engineering Group, Inc.**

Analytical Method: **SWSFAM_VOCSIM**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3756-02	OW-04B-26.5-120225-SIM	Vinyl chloride-d3	0.5	0.52	105		40	130
		1,2-Dichloroethane-d4	0.5	0.52	104		70	130
		1,2-Dichloropropane-d6	0.5	0.42	83		60	140
		Toluene-d8	0.5	0.44	89		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.67	134	*	65	120
Q3756-02RE	OW-04B-26.5-120225-SIMRE	Vinyl chloride-d3	0.5	0.55	110		40	130
		1,2-Dichloroethane-d4	0.5	0.59	118		70	130
		1,2-Dichloropropane-d6	0.5	0.43	86		60	140
		Toluene-d8	0.5	0.45	89		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.80	159	*	65	120
Q3756-06	MW-04-12-120225-SIM	Vinyl chloride-d3	0.5	0.56	113		40	130
		1,2-Dichloroethane-d4	0.5	0.46	92		70	130
		1,2-Dichloropropane-d6	0.5	0.43	87		60	140
		Toluene-d8	0.5	0.48	96		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.55	110		65	120
Q3756-08	MW-13B-47.5-120225-SIM	Vinyl chloride-d3	0.5	0.62	124		40	130
		1,2-Dichloroethane-d4	0.5	0.45	90		70	130
		1,2-Dichloropropane-d6	0.5	0.42	84		60	140
		Toluene-d8	0.5	0.46	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.54	107		65	120
Q3756-09	EB01-120225	Vinyl chloride-d3	0.5	0.55	111		40	130
		1,2-Dichloroethane-d4	0.5	0.47	93		70	130
		1,2-Dichloropropane-d6	0.5	0.43	86		60	140
		Toluene-d8	0.5	0.49	97		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.54	107		65	120
Q3756-10	TB01-120225	Vinyl chloride-d3	0.5	0.54	108		40	130
		1,2-Dichloroethane-d4	0.5	0.45	90		70	130
		1,2-Dichloropropane-d6	0.5	0.42	84		60	140
		Toluene-d8	0.5	0.47	94		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.52	104		65	120
Q3756-12	VHBLK001	Vinyl chloride-d3	0.5	0.59	118		40	130
		1,2-Dichloroethane-d4	0.5	0.48	96		70	130
		1,2-Dichloropropane-d6	0.5	0.43	86		60	140
		Toluene-d8	0.5	0.47	93		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.53	106		65	120
VV1204WBL01	VBLK235	Vinyl chloride-d3	0.5	0.50	101		40	130
		1,2-Dichloroethane-d4	0.5	0.42	83		70	130
		1,2-Dichloropropane-d6	0.5	0.40	79		60	140
		Toluene-d8	0.5	0.45	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.50	100		65	120
VV1205WBL01	VBLK236	Vinyl chloride-d3	0.5	0.57	114		40	130
		1,2-Dichloroethane-d4	0.5	0.46	91		70	130
		1,2-Dichloropropane-d6	0.5	0.43	85		60	140
		Toluene-d8	0.5	0.48	95		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.54	108		65	120

VOLATILE METHOD BLANK SUMMARY

Client ID

VBLK235

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VV039459.D

Lab Sample ID: VV1204WBL01

Date Analyzed: 12/04/2025

Time Analyzed: 10:15

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OW-04B-26.5-120225-SIM	Q3756-02	VV039460.D	12/04/2025
EB01-120225	Q3756-09	VV039461.D	12/04/2025
TB01-120225	Q3756-10	VV039462.D	12/04/2025
MW-04-12-120225-SIM	Q3756-06	VV039464.D	12/04/2025
MW-13B-47.5-120225-SIM	Q3756-08	VV039465.D	12/04/2025
OW-04B-26.5-120225-SIMRE	Q3756-02RE	VV039468.D	12/04/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VBLK236

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VV039474.D

Lab Sample ID: VV1205WBL01

Date Analyzed: 12/05/2025

Time Analyzed: 12:30

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VHBLK001	Q3756-12	VV039483.D	12/05/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VV039444.D

BFB Injection Date: 12/03/2025

Instrument ID: MSVOA_V

BFB Injection Time: 09:23

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.7 (1.8) 1
174	50.0 - 100.0% of mass 95	94.2
175	5.0 - 9.0% of mass 174	6.9 (7.3) 1
176	95.0 - 101.0% of mass 174	91.7 (97.4) 1
177	5.0 - 9.0% of mass 176	6 (6.5) 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
VSTD0.02269	VSTD0.0269	VV039445.D	12/03/2025	09:55
VSTD0.05270	VSTD0.0570	VV039446.D	12/03/2025	10:32
VSTD0.1271	VSTD0.171	VV039447.D	12/03/2025	10:58
VSTD0.5272	VSTD0.572	VV039448.D	12/03/2025	11:25
VSTD001273	VSTD00173	VV039449.D	12/03/2025	11:52
VSTD002274	VSTD00274	VV039450.D	12/03/2025	12:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VV039457.D

BFB Injection Date: 12/04/2025

Instrument ID: MSVOA_V

BFB Injection Time: 09:08

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	50.3
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	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	92.4
175	5.0 - 9.0% of mass 174	6.9 (7.5) 1
176	95.0 - 101.0% of mass 174	89.7 (97.1) 1
177	5.0 - 9.0% of mass 176	5.8 (6.5) 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
VSTD0.5333	VSTDCCC0.5	VV039458.D	12/04/2025	09:42
VBLK235	VV1204WBL01	VV039459.D	12/04/2025	10:15
OW-04B-26.5-120225-SIM	Q3756-02	VV039460.D	12/04/2025	11:17
EB01-120225	Q3756-09	VV039461.D	12/04/2025	11:39
TB01-120225	Q3756-10	VV039462.D	12/04/2025	12:00
MW-04-12-120225-SIM	Q3756-06	VV039464.D	12/04/2025	12:42
MW-13B-47.5-120225-SIM	Q3756-08	VV039465.D	12/04/2025	13:03
OW-04B-26.5-120225-SIMRE	Q3756-02RE	VV039468.D	12/04/2025	15:03
VSTD0.5334	VSTDCCC0.5EC	VV039471.D	12/04/2025	16:56

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VV039472.D

BFB Injection Date: 12/05/2025

Instrument ID: MSVOA_V

BFB Injection Time: 10:46

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.1
75	30.0 - 60.0% of mass 95	50.1
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	1.6 (1.7) 1
174	50.0 - 100.0% of mass 95	95.4
175	5.0 - 9.0% of mass 174	6.8 (7.1) 1
176	95.0 - 101.0% of mass 174	92.4 (96.9) 1
177	5.0 - 9.0% of mass 176	6.1 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD0.5335	VSTDCCC0.5	VV039473.D	12/05/2025	11:47
VBLK236	VV1205WBL01	VV039474.D	12/05/2025	12:30
VHBLK001	Q3756-12	VV039483.D	12/05/2025	16:29
VSTD0.5336	VSTDCCC0.5EC	VV039484.D	12/05/2025	16:50

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
Lab Code: ACE SDG NO.: Q3756
Lab File ID: VV039458.D Date Analyzed: 12/04/2025
Instrument ID: MSVOA_V Time Analyzed: 09:42
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 (DFB) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
12 HOUR STD	7270	5.57	7273	8.79	4097	11.18
UPPER LIMIT	14540	5.736	14546	8.955	8194	11.345
LOWER LIMIT	3635	5.396	3636.5	8.615	2048.5	11.005
EPA SAMPLE NO.						
OW-04B-26.5-120225-SIM	4732	5.57	4614	8.80	2431	11.20
OW-04B-26.5-120225-SIMRE	3823	5.57	3906	8.80	2028 *	11.20
MW-04-12-120225-SIM	6286	5.57	6269	8.80	3210	11.20
MW-13B-47.5-120225-SIM	6414	5.57	6408	8.80	3306	11.20
EB01-120225	5924	5.57	5926	8.80	3125	11.20
TB01-120225	6252	5.57	6195	8.80	3146	11.20
VBLK234	7074	5.57	6633	8.79	3409	11.20

IS1 (DFB) = 1,4-Difluorobenzene

IS2 (CBZ) = Chlorobenzene-d5

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG NO.: Q3756
 Lab File ID: VV039473.D Date Analyzed: 12/05/2025
 Instrument ID: MSVOA_V Time Analyzed: 11:47
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 (DFB) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
12 HOUR STD	6700	5.57	6813	8.79	3959	11.18
UPPER LIMIT	13400	5.736	13626	8.955	7918	11.345
LOWER LIMIT	3350	5.396	3406.5	8.615	1979.5	11.005
EPA SAMPLE NO.						
VHBLK001	5671	5.57	5736	8.80	2936	11.20
VBLK236	5971	5.57	5907	8.80	3034	11.20

IS1 (DFB) = 1,4-Difluorobenzene

IS2 (CBZ) = Chlorobenzene-d5

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VBLK235
 Lab Sample ID: VV1204WBL01
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected:
 Date Received:
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/04/25 10:15	VV120425
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.50			40 - 130	100.6%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.42			70 - 130	83.4%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.40			60 - 140	79%	SPK: 0.5		
2037-26-5	Toluene-d8	0.45			70 - 130	90.8%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.50			65 - 120	99.6%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6630							
540-36-3	1,4-Difluorobenzene	7070							
3855-82-1	1,4-Dichlorobenzene-d4	3410							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VBLK236
 Lab Sample ID: VV1205WBL01
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected:
 Date Received:
 SDG No.: Q3756
 Matrix: Water
 % Solid: 0
 Test: VOC-SIM

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl chloride	0.020	U	1	0.020	0.020	ug/L	12/05/25 12:30	VV120525
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.57			40 - 130	114%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.46			70 - 130	91.2%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.43			60 - 140	85%	SPK: 0.5		
2037-26-5	Toluene-d8	0.48			70 - 130	95.2%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.54			65 - 120	108.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5910							
540-36-3	1,4-Difluorobenzene	5970							
3855-82-1	1,4-Dichlorobenzene-d4	3030							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG No.: Q3756
 Instrument ID: MSVOA_V Calibration Date(s): 12/03/2025 12/03/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:55 12:18
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRFAL1 = VV039445.D		RRFAL2 = VV039446.D		RRFAL3 = VV039447.D			
		RRFAL4 = VV039448.D		RRFAL5 = VV039449.D		RRFAL6 = VV039450.D			
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD	
Vinyl chloride	1.464	0.963	1.023	1.100	0.991	0.950	1.082	18	
Vinyl Chloride-d3		0.473	0.499	0.533	0.491	0.458	0.491	5.8	
1,2-Dichloroethane-d4		0.383	0.341	0.334	0.318	0.288	0.333	10.3	
1,2-Dichloropropane-d6		0.397	0.402	0.463	0.425	0.422	0.422	6.2	
Toluene-d8		0.674	0.616	0.726	0.738	0.805	0.712	10	
1,1,2,2-Tetrachloroethane-d2		0.215	0.249	0.262	0.243	0.220	0.238	8.4	

* 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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3756</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/04/2025 09:42</u>
Lab File ID:	<u>VV039458.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:55 12:18</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	1.082	1.034	0.01	-4.4	30
Vinyl Chloride-d3	0.491	0.492	0.01	0.3	30
1,2-Dichloroethane-d4	0.333	0.305	0.01	-8.3	25
1,2-Dichloropropane-d6	0.422	0.434	0.1	2.9	20
Toluene-d8	0.712	0.678	0.2	-4.8	20
1,1,2,2-Tetrachloroethane-d2	0.238	0.241	0.01	1.4	25

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3756</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/04/2025 16:56</u>
Lab File ID:	<u>VV039471.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:55 12:18</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	1.082	1.110	0.01	2.6	50
Vinyl Chloride-d3	0.491	0.573	0.01	16.7	50
1,2-Dichloroethane-d4	0.333	0.337	0.01	1.2	50
1,2-Dichloropropane-d6	0.422	0.461	0.1	9.4	50
Toluene-d8	0.712	0.729	0.2	2.4	50
1,1,2,2-Tetrachloroethane-d2	0.238	0.269	0.01	13.1	50

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3756</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/05/2025 11:47</u>
Lab File ID:	<u>VV039473.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:55 12:18</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	1.082	1.040	0.01	-3.9	30
Vinyl Chloride-d3	0.491	0.450	0.01	-8.2	30
1,2-Dichloroethane-d4	0.333	0.286	0.01	-14.1	25
1,2-Dichloropropane-d6	0.422	0.406	0.1	-3.8	20
Toluene-d8	0.712	0.606	0.2	-14.8	20
1,1,2,2-Tetrachloroethane-d2	0.238	0.225	0.01	-5.2	25

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3756</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/05/2025 16:50</u>
Lab File ID:	<u>VV039484.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:55 12:18</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	1.082	1.103	0.01	2	50
Vinyl Chloride-d3	0.491	0.570	0.01	16.2	50
1,2-Dichloroethane-d4	0.333	0.332	0.01	-0.4	50
1,2-Dichloropropane-d6	0.422	0.431	0.1	2.2	50
Toluene-d8	0.712	0.675	0.2	-5.1	50
1,1,2,2-Tetrachloroethane-d2	0.238	0.249	0.01	4.8	50

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



SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039460.D
Acq On : 04 Dec 2025 11:17
Operator : SY/MD
Sample : Q3756-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIM

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 00:08:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Difluorobenzene	5.566	114	4732	0.500 ug/L	0.00
5) Chlorobenzene-d5	8.800	117	4614	0.500 ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2431	0.500 ug/L	0.02

System Monitoring Compounds					
2) Vinyl Chloride-d3	1.295	65	2493	0.524 ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 104.000%
4) 1,2-Dichloroethane-d4	4.970	65	1641	0.521 ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 104.000%
7) 1,2-Dichloropropane-d6	5.996	67	1619	0.416 ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 84.000%
8) Toluene-d8	7.254	98	2917	0.444 ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1470	0.670 ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 134.000%#

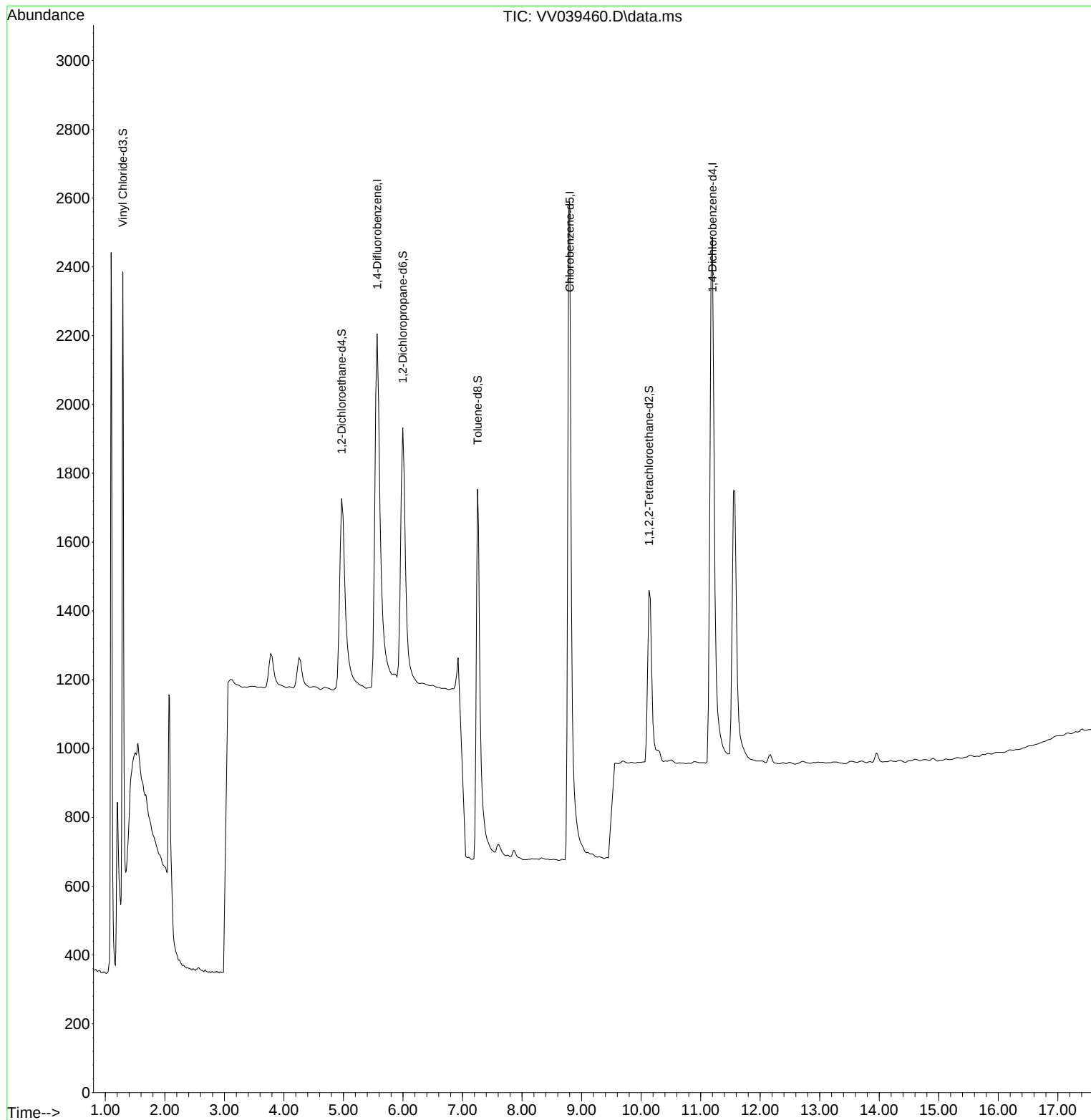
Target Compounds	Qvalue

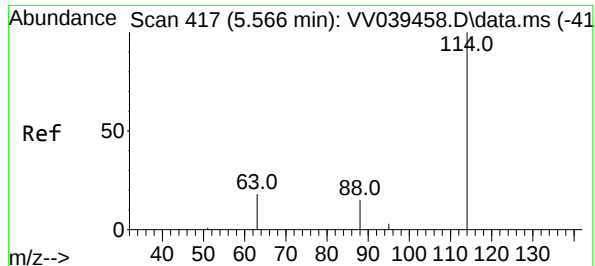
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039460.D
Acq On : 04 Dec 2025 11:17
Operator : SY/MD
Sample : Q3756-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIM

Quant Time: Dec 05 00:08:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

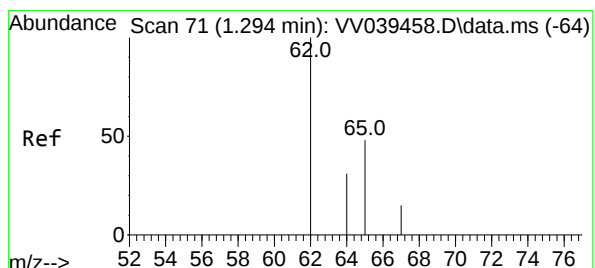
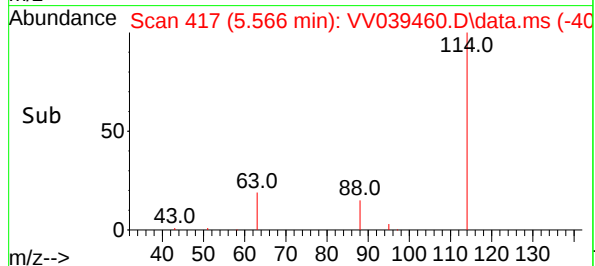
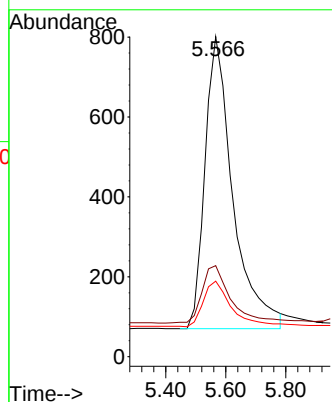
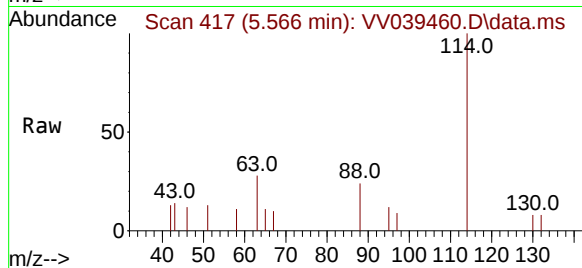




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

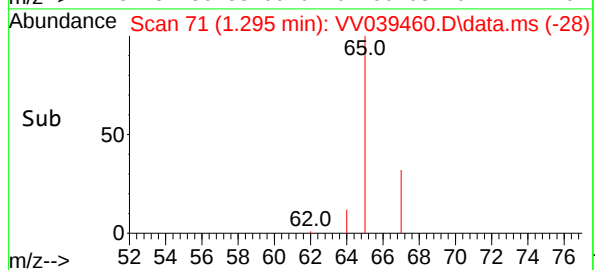
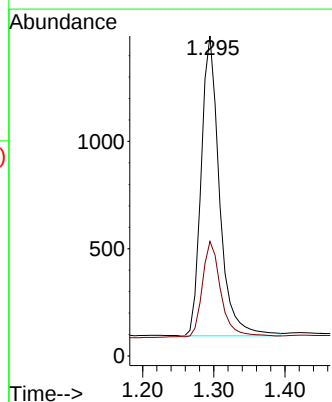
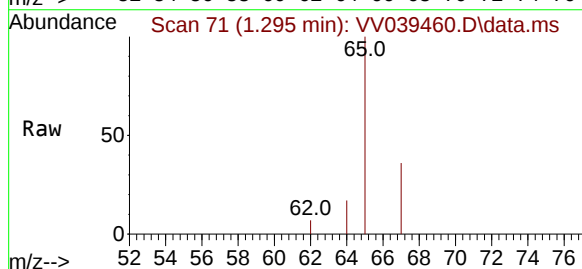
Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIM

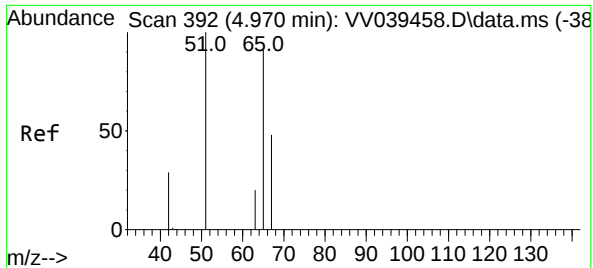
Tgt Ion:	114	Resp:	4732
Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	15.1	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.524 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion:	65	Resp:	2493
Ion	Ratio	Lower	Upper
65	100		
67	33.9	22.3	41.5

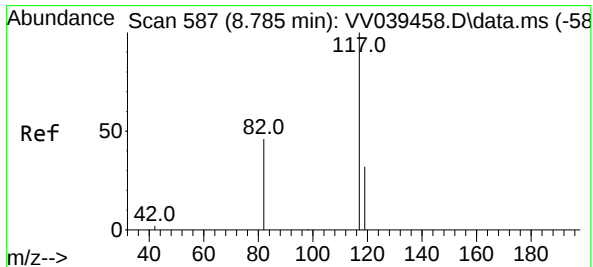
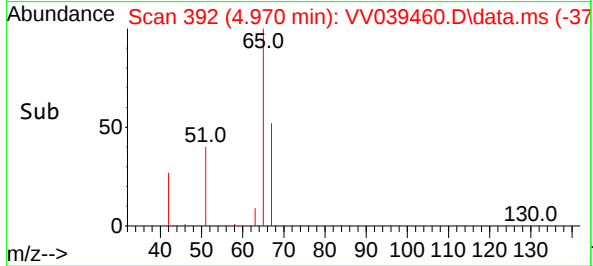
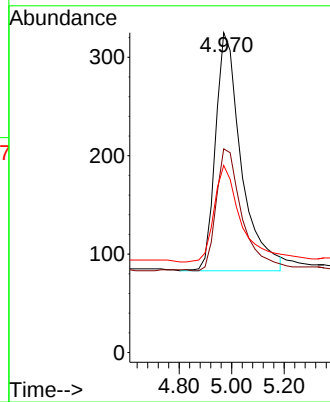
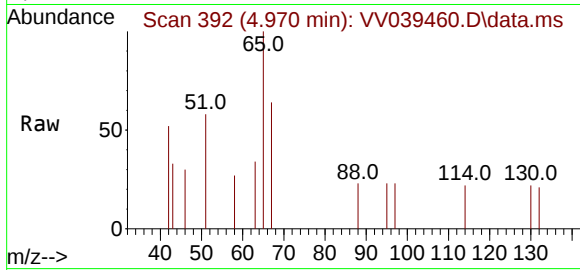




#4
1,2-Dichloroethane-d4
Concen: 0.521 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

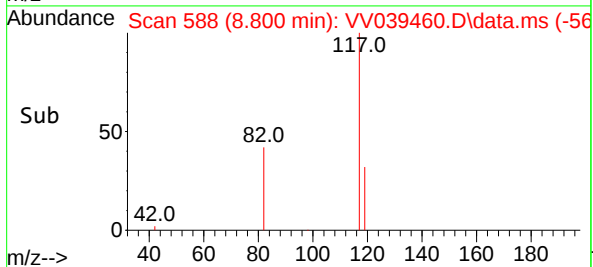
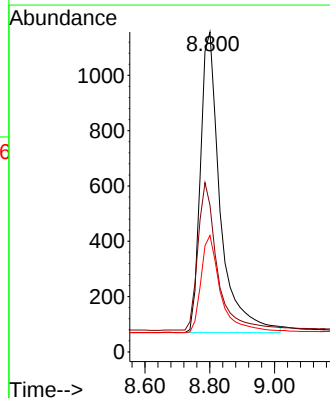
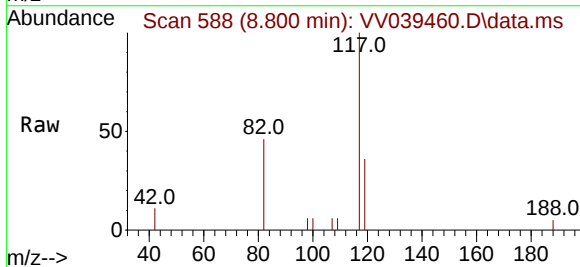
Instrument : MSVOA_V
ClientSampleId : OW-04B-26.5-120225-SIM

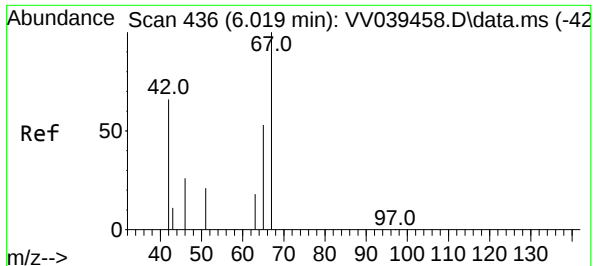
Tgt Ion:	65	Resp:	1641
Ion Ratio	Lower	Upper	
65	100		
67	51.7	32.5	60.3
51	41.9	121.4	225.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion:	117	Resp:	4614
Ion Ratio	Lower	Upper	
117	100		
82	48.3	39.4	59.2
119	32.3	26.2	39.2

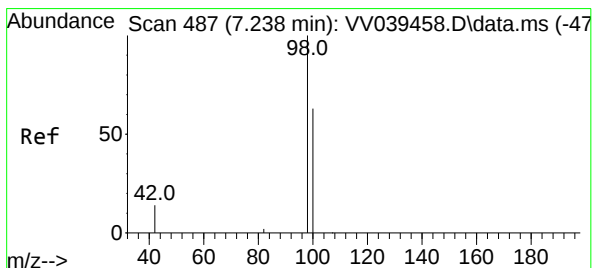
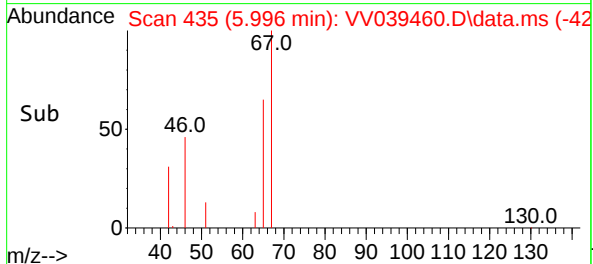
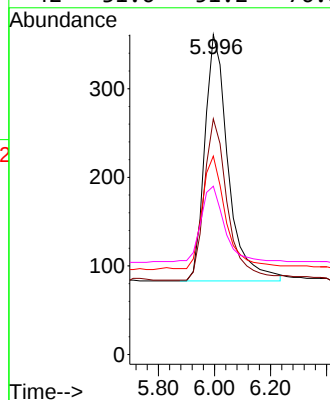
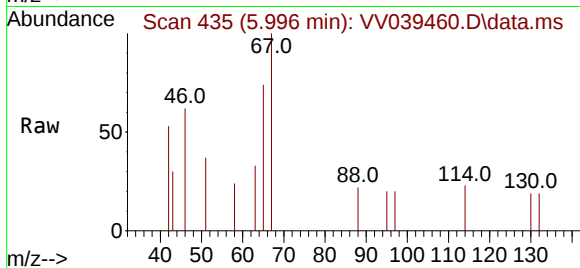




#7
1,2-Dichloropropane-d6
Concen: 0.416 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

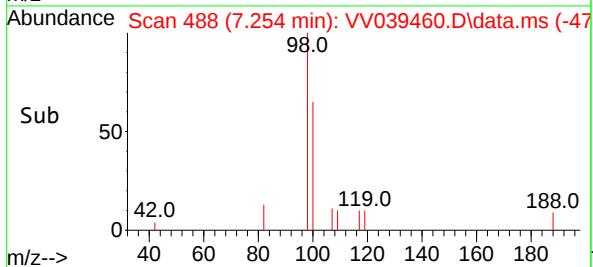
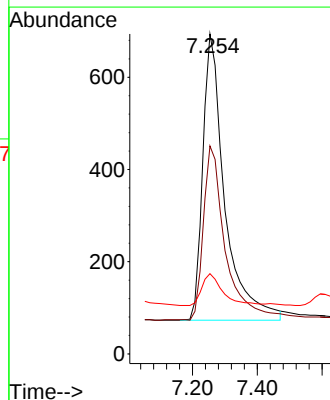
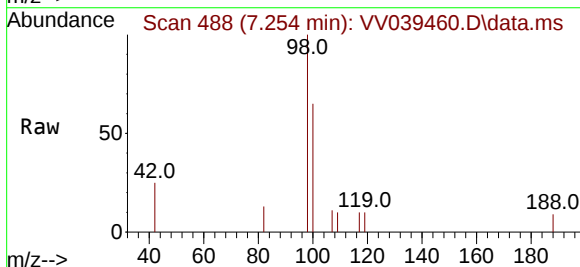
Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIM

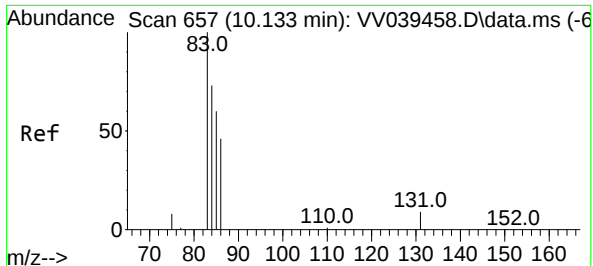
Tgt Ion:	67	Resp:	1619
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	46.0	27.4	41.0#
42	31.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.444 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion:	98	Resp:	2917
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	10.6	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.670 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039460.D

Acq: 04 Dec 2025 11:17

Instrument :

MSVOA_V

ClientSampleId :

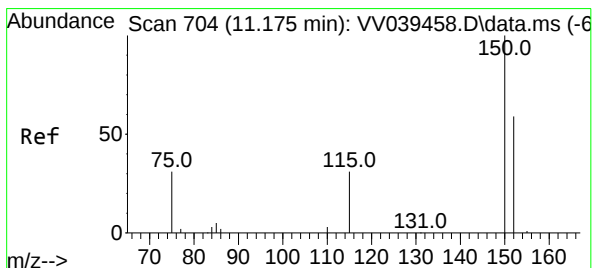
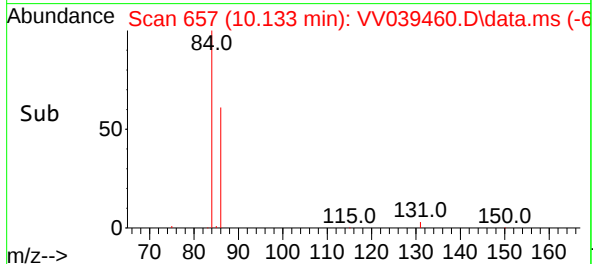
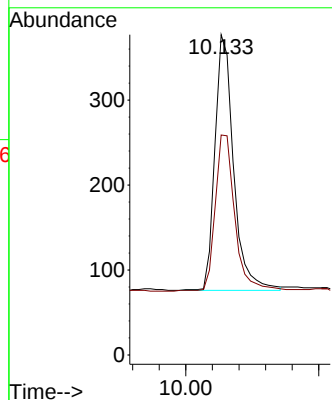
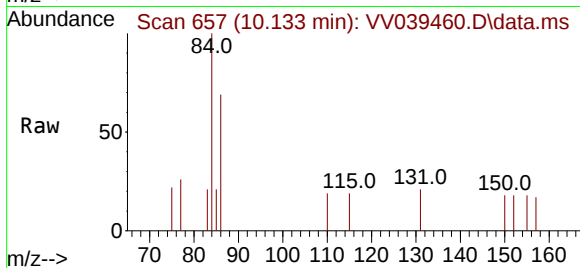
OW-04B-26.5-120225-SIM

Tgt Ion: 84 Resp: 1470

Ion Ratio Lower Upper

84 100

86 64.4 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 705

Delta R.T. 0.023 min

Lab File: VV039460.D

Acq: 04 Dec 2025 11:17

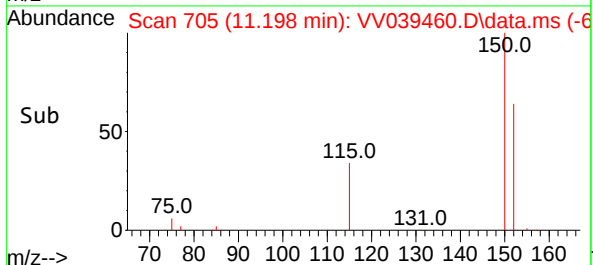
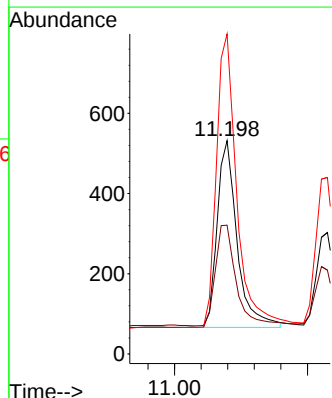
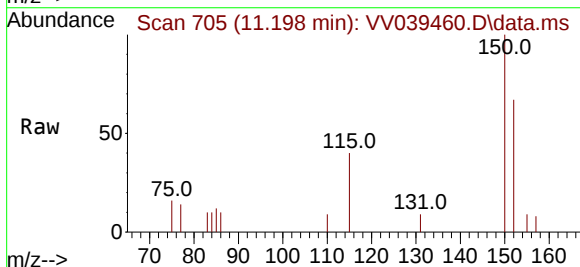
Tgt Ion: 152 Resp: 2431

Ion Ratio Lower Upper

152 100

115 55.6 0.0 101.6

150 158.9 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039468.D
 Acq On : 04 Dec 2025 15:03
 Operator : SY/MD
 Sample : Q3756-02RE
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-04B-26.5-120225-SIMRE

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:10:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	3823	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	3906	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2028	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2107m	0.548	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	110.000%		
4) 1,2-Dichloroethane-d4	4.969	65	1499	0.589	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	118.000%		
7) 1,2-Dichloropropane-d6	5.995	67	1414	0.429	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	86.000%		
8) Toluene-d8	7.253	98	2475	0.445	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	90.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1480	0.797	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	160.000%#		

Target Compounds Qvalue

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

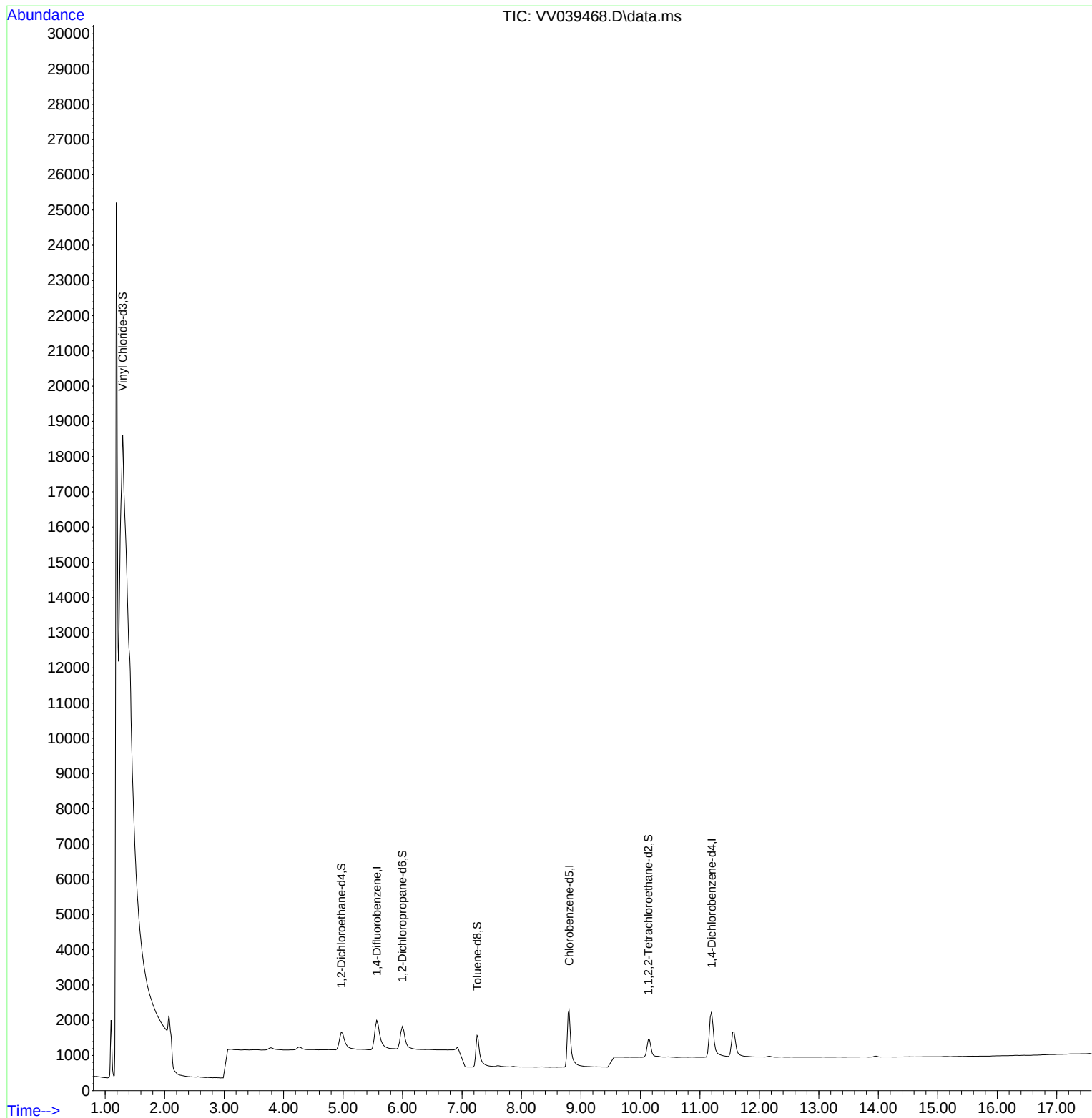
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039468.D
Acq On : 04 Dec 2025 15:03
Operator : SY/MD
Sample : Q3756-02RE
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIMRE

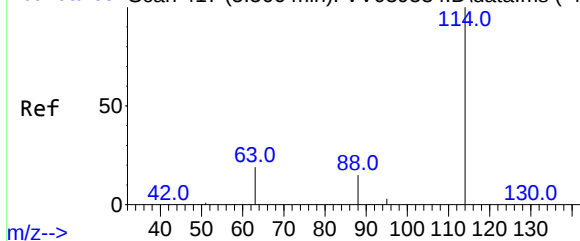
Manual Integrations
APPROVED

Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:10:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration



Abundance Scan 417 (5.566 min): VV039534.D\data.ms (-41



#1

1,4-Difluorobenzene

Concen: 0.500 ug/L

RT: 5.566 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

OW-04B-26.5-120225-SIMRE

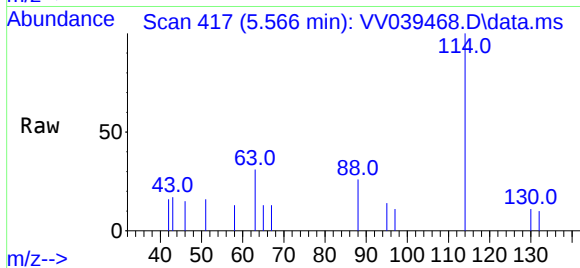
Tgt Ion:	114	Resp:	382
Ion	Ratio	Lower	Upper
114	100		
63	20.8	15.0	22.4
88	15.5	12.0	18.0

Manual Integrations

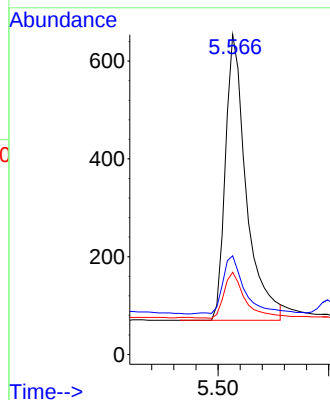
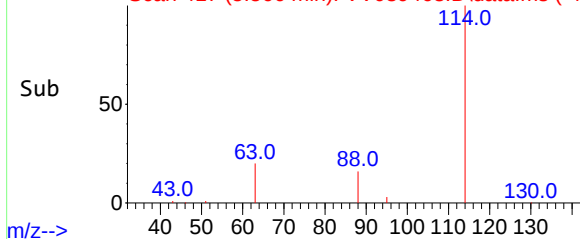
APPROVED

Reviewed By :John Carlone 12/10/2025

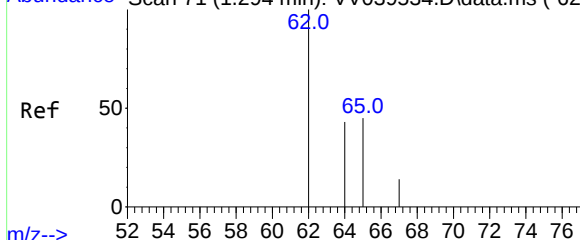
Supervised By :Mahesh Dadoda 12/10/2025



Abundance Scan 417 (5.566 min): VV039468.D\data.ms (-40



Abundance Scan 71 (1.294 min): VV039534.D\data.ms (-62)



#2

Vinyl Chloride-d3

Concen: 0.548 ug/L m

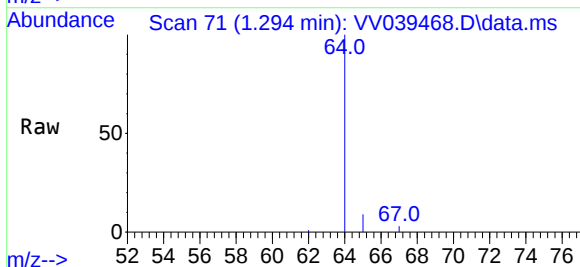
RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

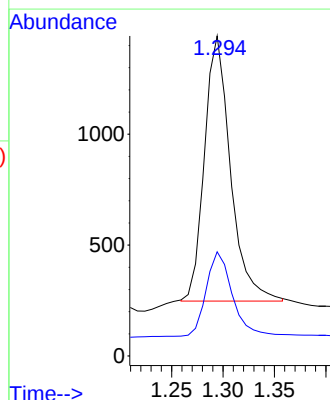
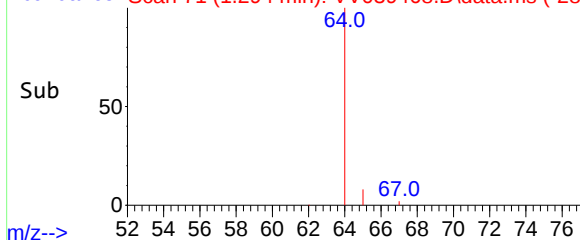
Lab File: VV039468.D

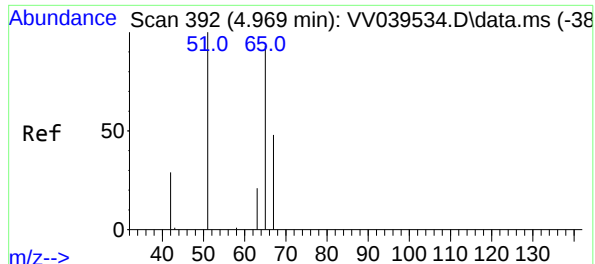
Acq: 04 Dec 2025 15:03

Tgt Ion:	65	Resp:	2107
Ion	Ratio	Lower	Upper
65	100		
67	34.5	22.3	41.5



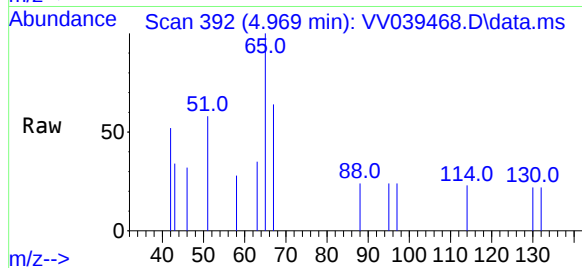
Abundance Scan 71 (1.294 min): VV039468.D\data.ms (-28)





#4
1,2-Dichloroethane-d4
Concen: 0.589 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

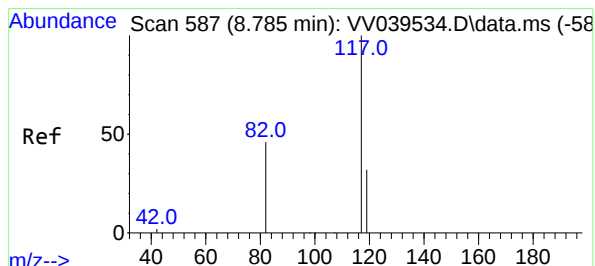
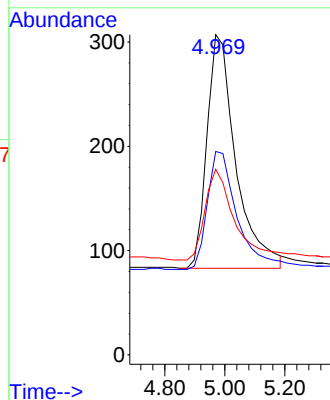
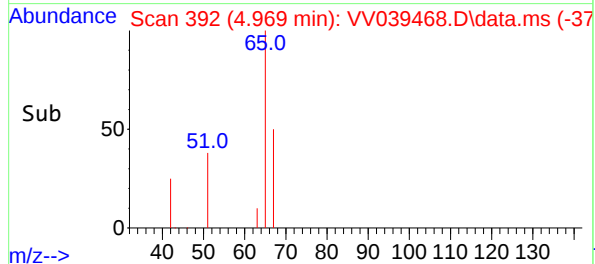
Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIMRE



Tgt Ion: 65 Resp: 1499
Ion Ratio Lower Upper
65 100
67 52.0 32.5 60.3
51 39.6 121.4 225.6

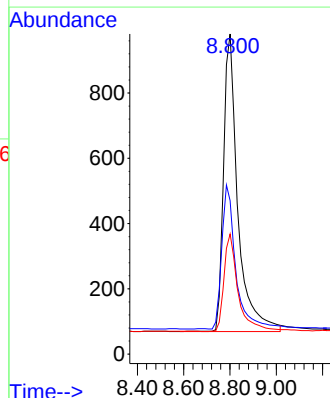
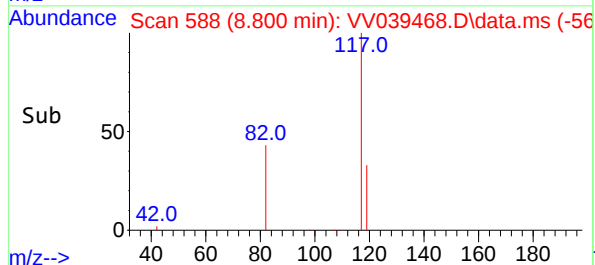
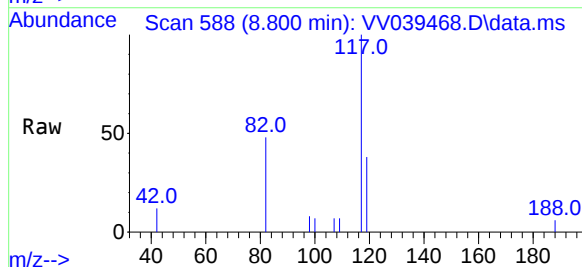
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

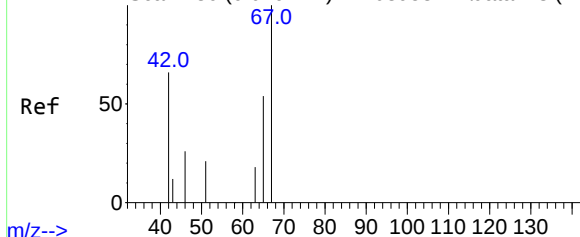


#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

Tgt Ion:117 Resp: 3906
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.4 26.2 39.2



Abundance Scan 436 (6.019 min): VV039534.D\data.ms (-43



#7

1,2-Dichloropropane-d6

Concen: 0.429 ug/L

RT: 5.995 min Scan# 41

Delta R.T. -0.024 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

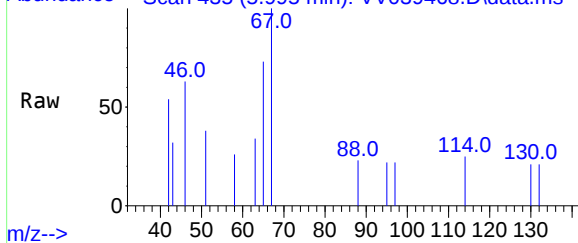
Instrument :

MSVOA_V

ClientSampleId :

OW-04B-26.5-120225-SIMRE

Abundance Scan 435 (5.995 min): VV039468.D\data.ms



Tgt Ion: 67 Resp: 1414

Ion Ratio Lower Upper

67 100

65 65.2 37.9 56.9

46 45.9 27.4 41.0

42 31.1 51.2 76.8

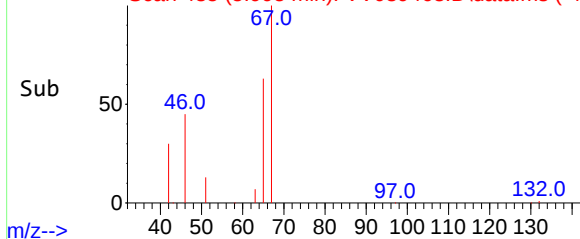
Manual Integrations

APPROVED

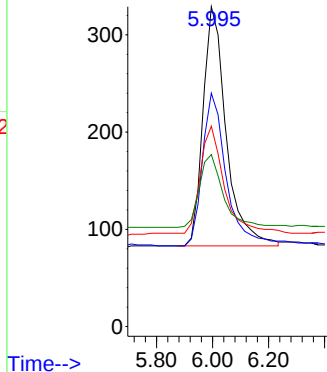
Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025

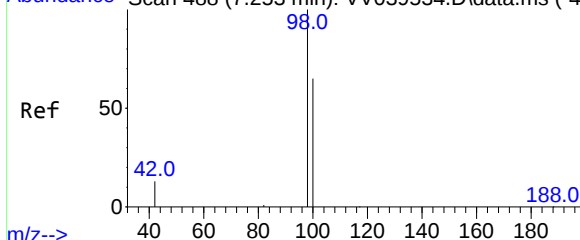
Abundance Scan 435 (5.995 min): VV039468.D\data.ms (-42



Abundance



Abundance Scan 488 (7.253 min): VV039534.D\data.ms (-47



#8

Toluene-d8

Concen: 0.445 ug/L

RT: 7.253 min Scan# 488

Delta R.T. 0.015 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Tgt Ion: 98 Resp: 2475

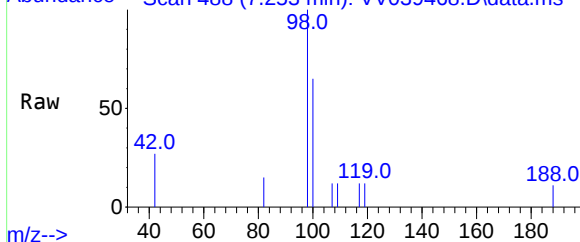
Ion Ratio Lower Upper

98 100

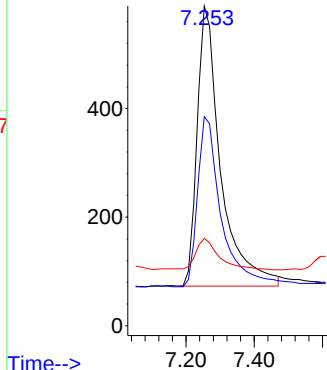
100 61.0 44.5 82.7

42 11.0 10.1 18.7

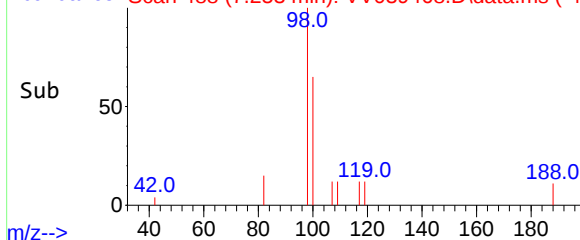
Abundance Scan 488 (7.253 min): VV039468.D\data.ms

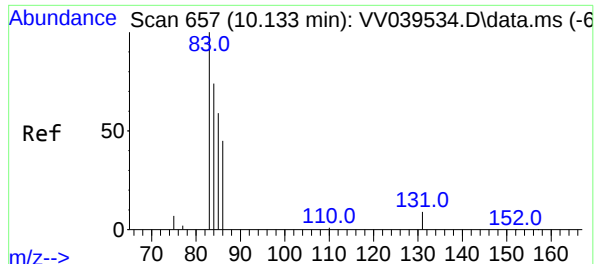


Abundance



Abundance Scan 488 (7.253 min): VV039468.D\data.ms (-47





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.797 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

OW-04B-26.5-120225-SIMRE

Tgt Ion: 84 Resp: 1480

Ion Ratio Lower Upper

84 100

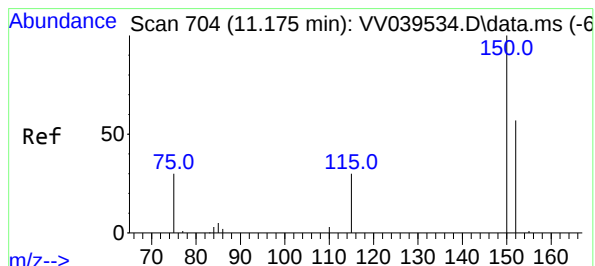
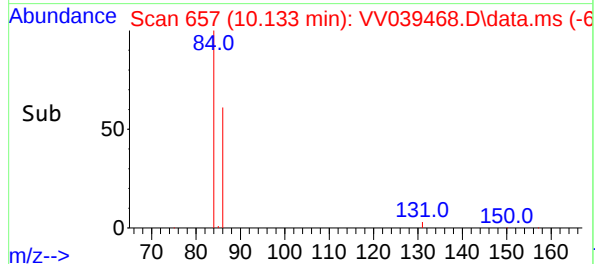
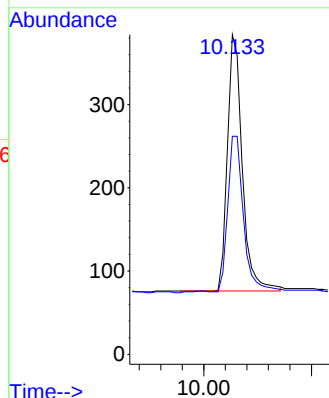
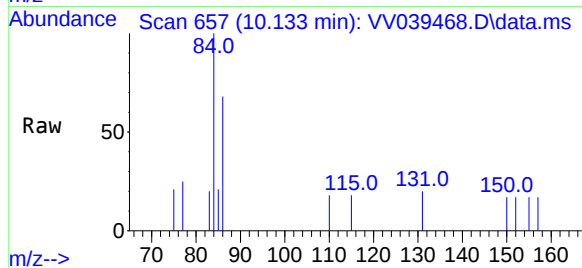
86 64.2 44.4 82.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

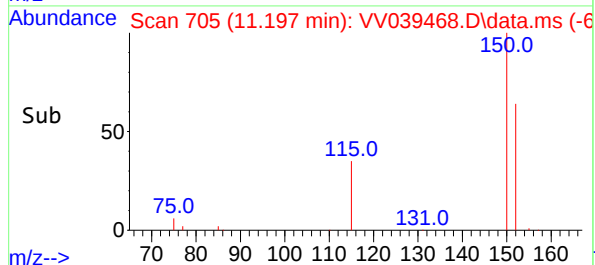
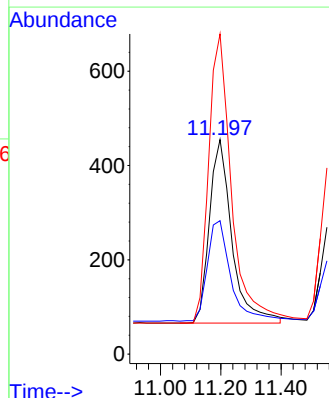
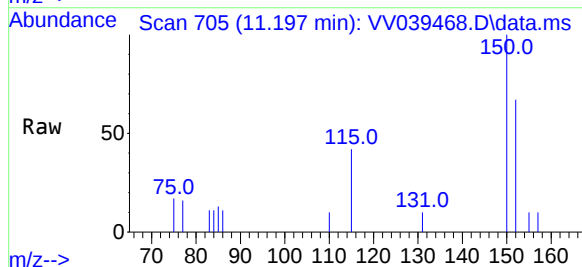
Tgt Ion:152 Resp: 2028

Ion Ratio Lower Upper

152 100

115 56.5 0.0 101.6

150 159.2 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039464.D
 Acq On : 04 Dec 2025 12:42
 Operator : SY/MD
 Sample : Q3756-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-04-12-120225-SIM

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:09:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6286	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6269	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3210	0.500	ug/L	0.02

System Monitoring Compounds

2) Vinyl Chloride-d3	1.294	65	3569m	0.565	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	112.000%
4) 1,2-Dichloroethane-d4	4.969	65	1917	0.458	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.995	67	2296	0.434	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.253	98	4263	0.478	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1642	0.551	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%

Target Compounds Qvalue

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

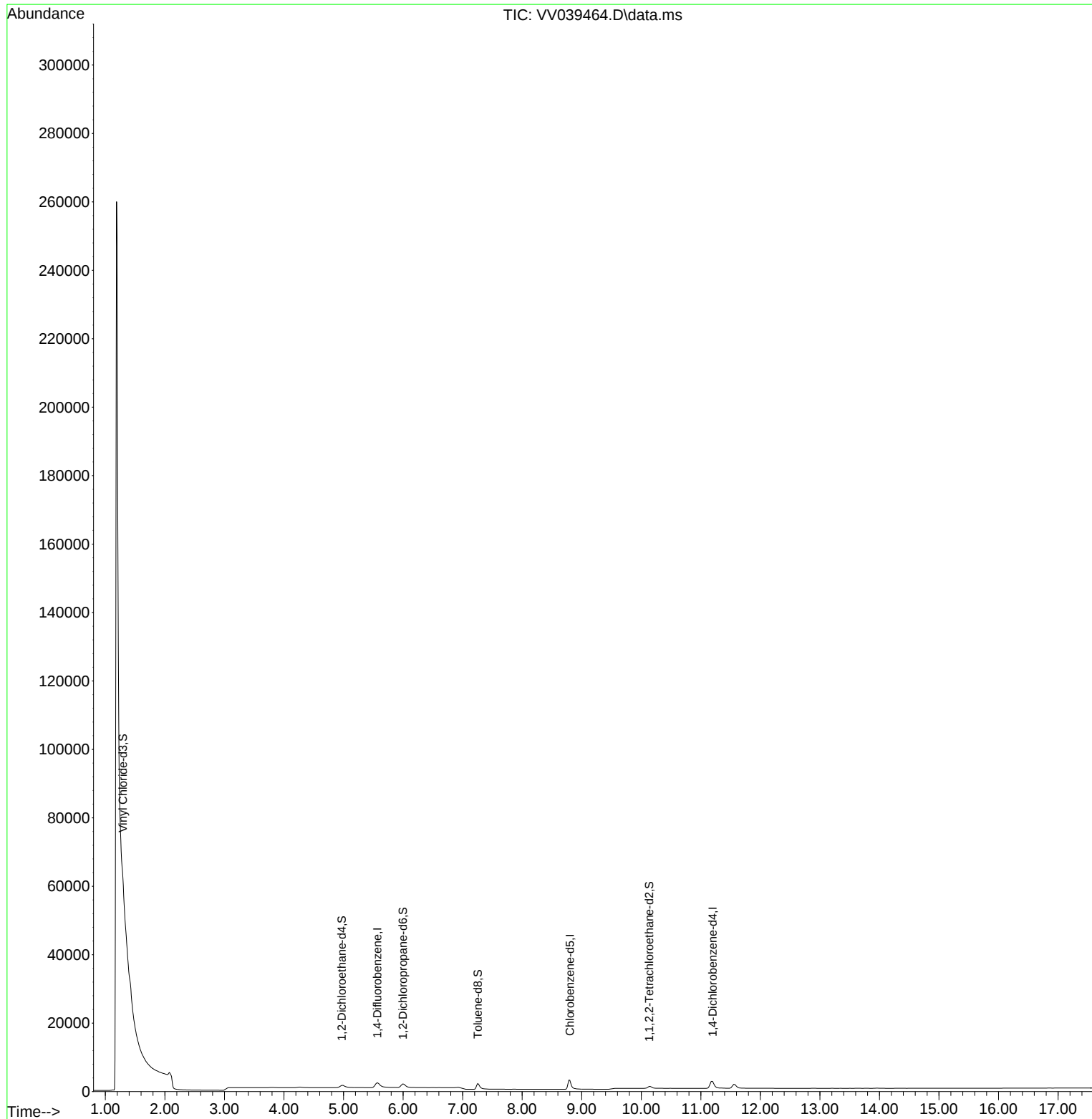
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039464.D
Acq On : 04 Dec 2025 12:42
Operator : SY/MD
Sample : Q3756-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

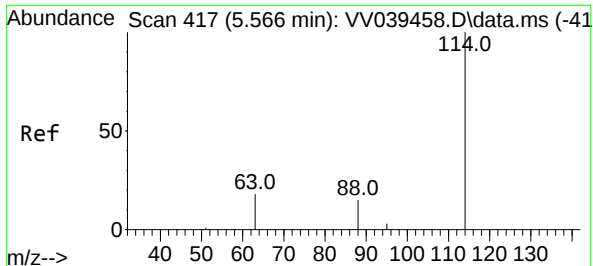
Instrument :
MSVOA_V
ClientSampleId :
MW-04-12-120225-SIM

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:09:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration





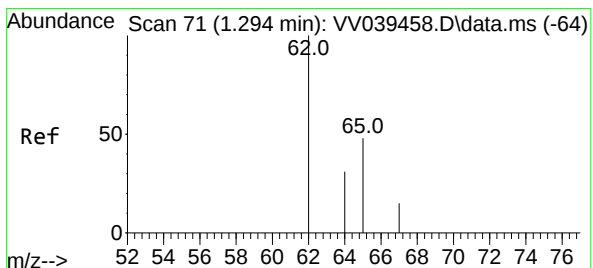
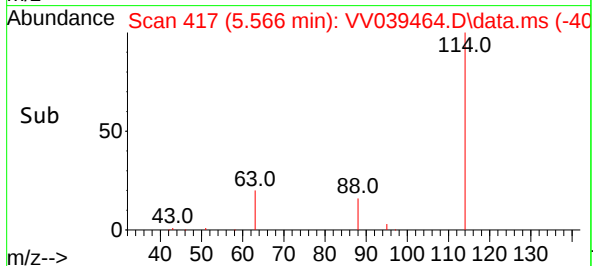
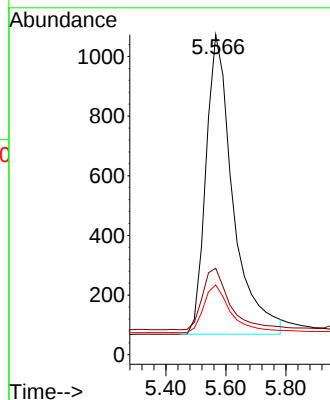
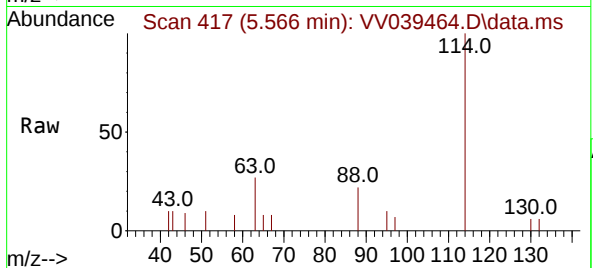
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Instrument :
MSVOA_V
ClientSampleId :
MW-04-12-120225-SIM

Tgt Ion: 114 Resp: 6280
Ion Ratio Lower Upper
114 100
63 20.7 15.0 22.4
88 16.0 12.0 18.0

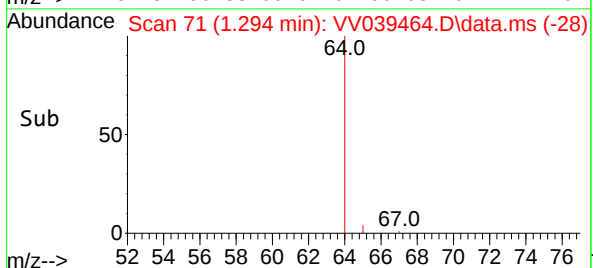
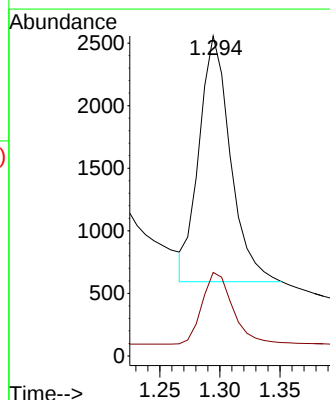
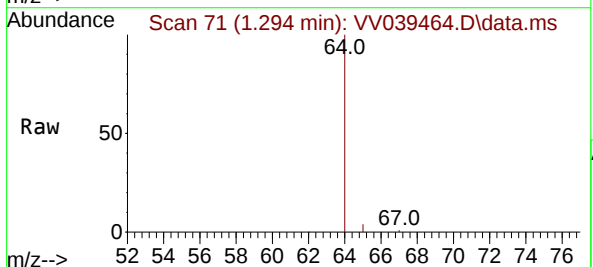
Manual Integrations
APPROVED

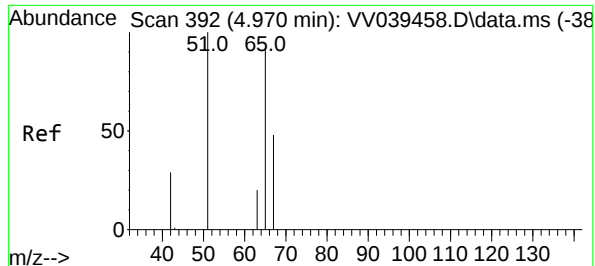
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.565 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

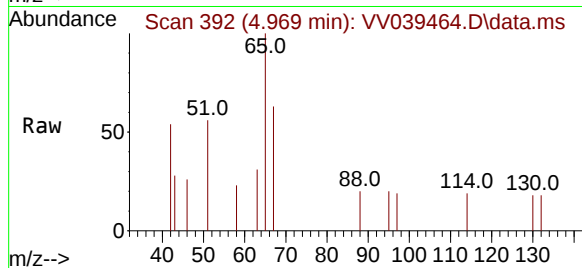
Tgt Ion: 65 Resp: 3569
Ion Ratio Lower Upper
65 100
67 29.8 22.3 41.5





#4
1,2-Dichloroethane-d4
Concen: 0.458 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

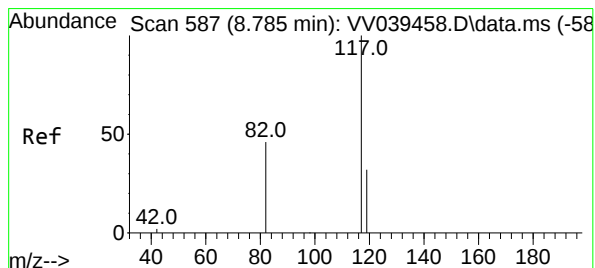
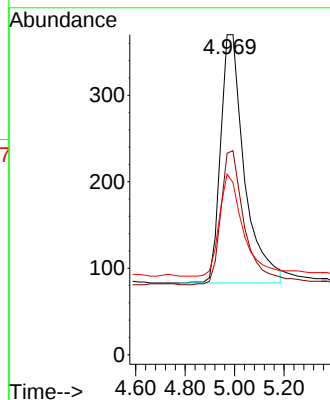
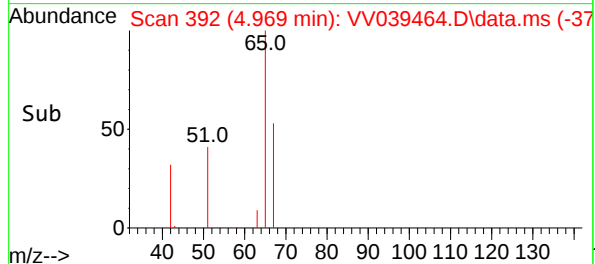
Instrument :
MSVOA_V
ClientSampleId :
MW-04-12-120225-SIM



Tgt Ion: 65 Resp: 191
Ion Ratio Lower Upper
65 100
67 53.7 32.5 60.3
51 41.0 121.4 225.6

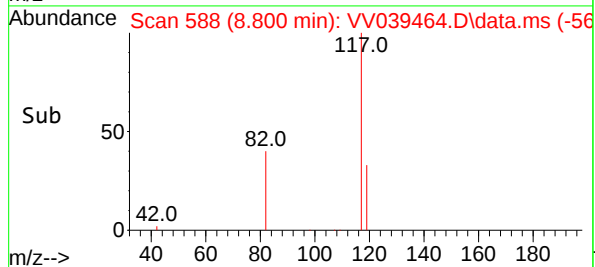
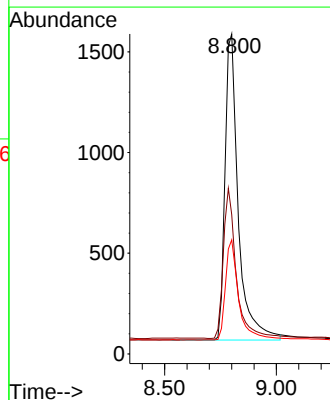
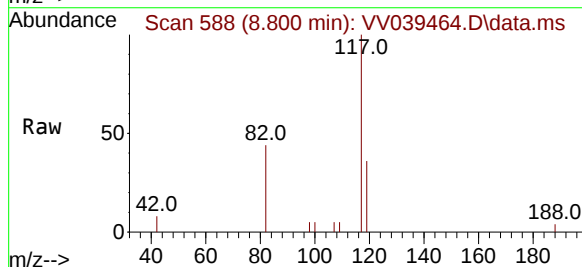
Manual Integrations
APPROVED

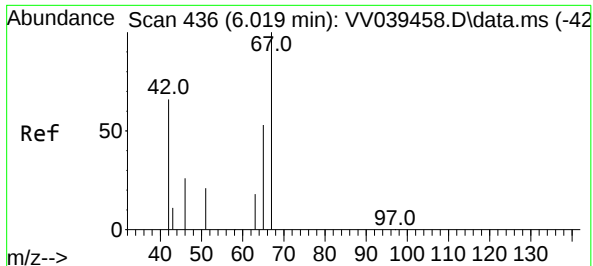
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

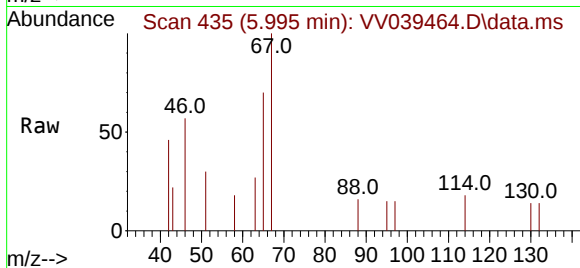
Tgt Ion:117 Resp: 6269
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.6 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.434 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

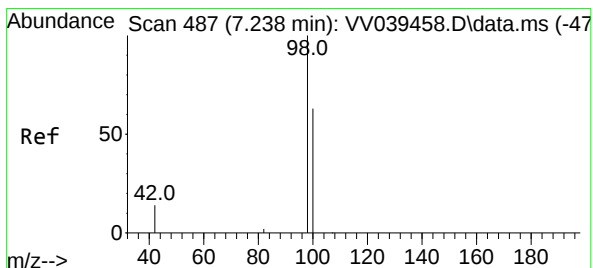
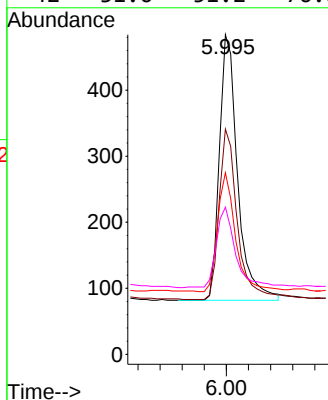
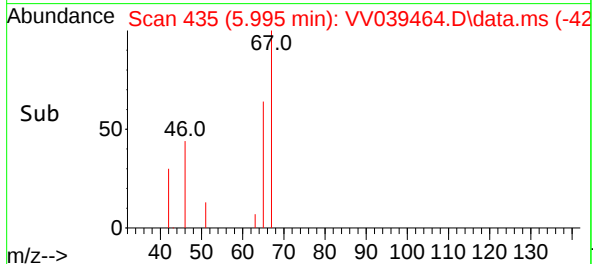
Instrument :
MSVOA_V
ClientSampleId :
MW-04-12-120225-SIM



Tgt Ion: 67 Resp: 2290
Ion Ratio Lower Upper
67 100
65 64.3 37.9 56.9
46 44.3 27.4 41.0
42 31.6 51.2 76.8

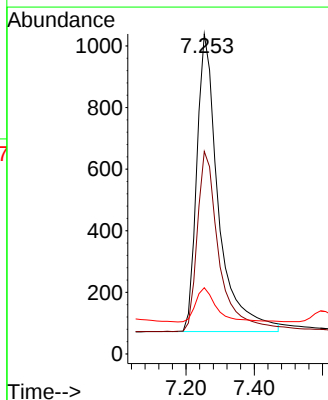
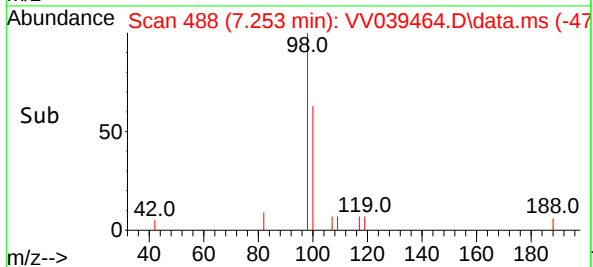
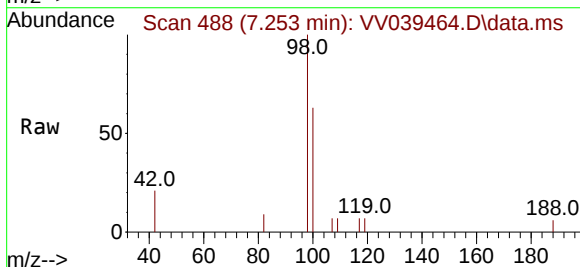
Manual Integrations
APPROVED

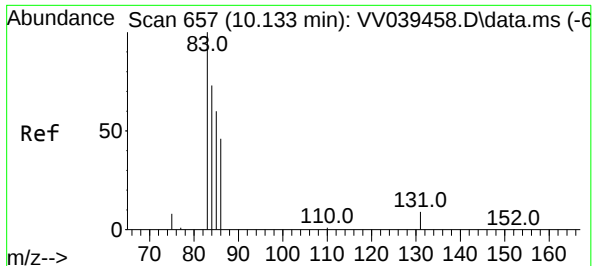
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.478 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Tgt Ion: 98 Resp: 4263
Ion Ratio Lower Upper
98 100
100 61.0 44.5 82.7
42 11.1 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.551 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

Instrument :

MSVOA_V

ClientSampleId :

MW-04-12-120225-SIM

Tgt Ion: 84 Resp: 164

Ion Ratio Lower Upper

84 100

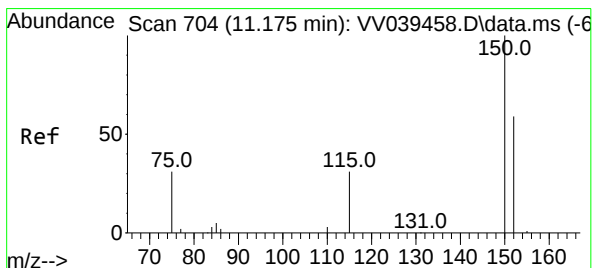
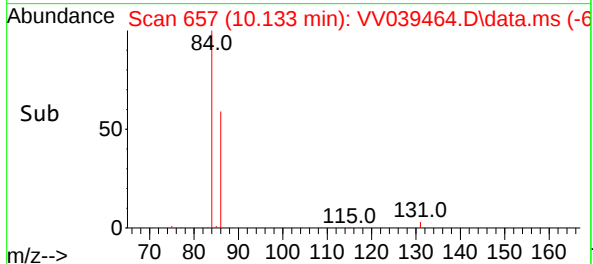
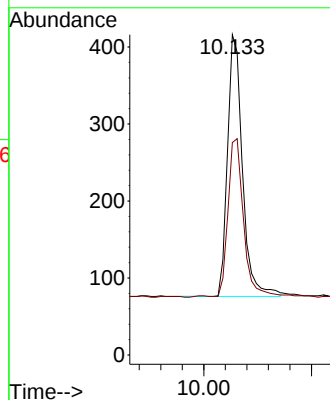
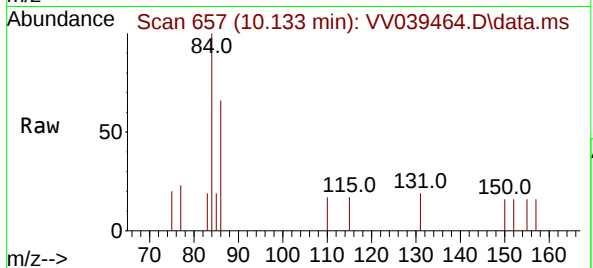
86 61.8 44.4 82.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

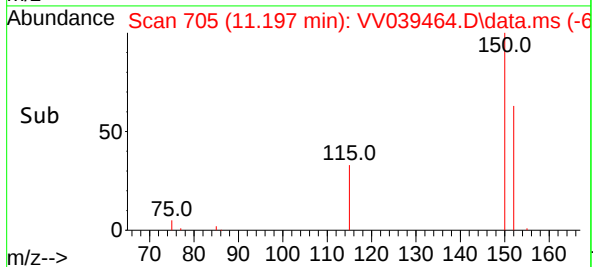
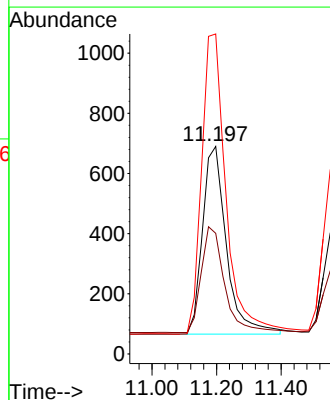
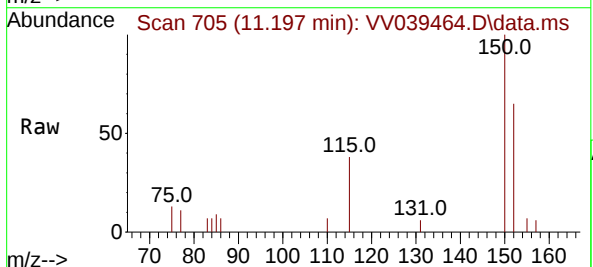
Tgt Ion:152 Resp: 3210

Ion Ratio Lower Upper

152 100

115 54.8 0.0 101.6

150 162.2 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039465.D
 Acq On : 04 Dec 2025 13:03
 Operator : SY/MD
 Sample : Q3756-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-13B-47.5-120225-SIM

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6414	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6408	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3306	0.500	ug/L	0.02

System Monitoring Compounds

2) Vinyl Chloride-d3	1.294	65	3995m	0.619	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	124.000%
4) 1,2-Dichloroethane-d4	4.993	65	1926	0.451	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.995	67	2269	0.420	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	4165	0.457	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1632	0.536	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

Target Compounds Qvalue

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

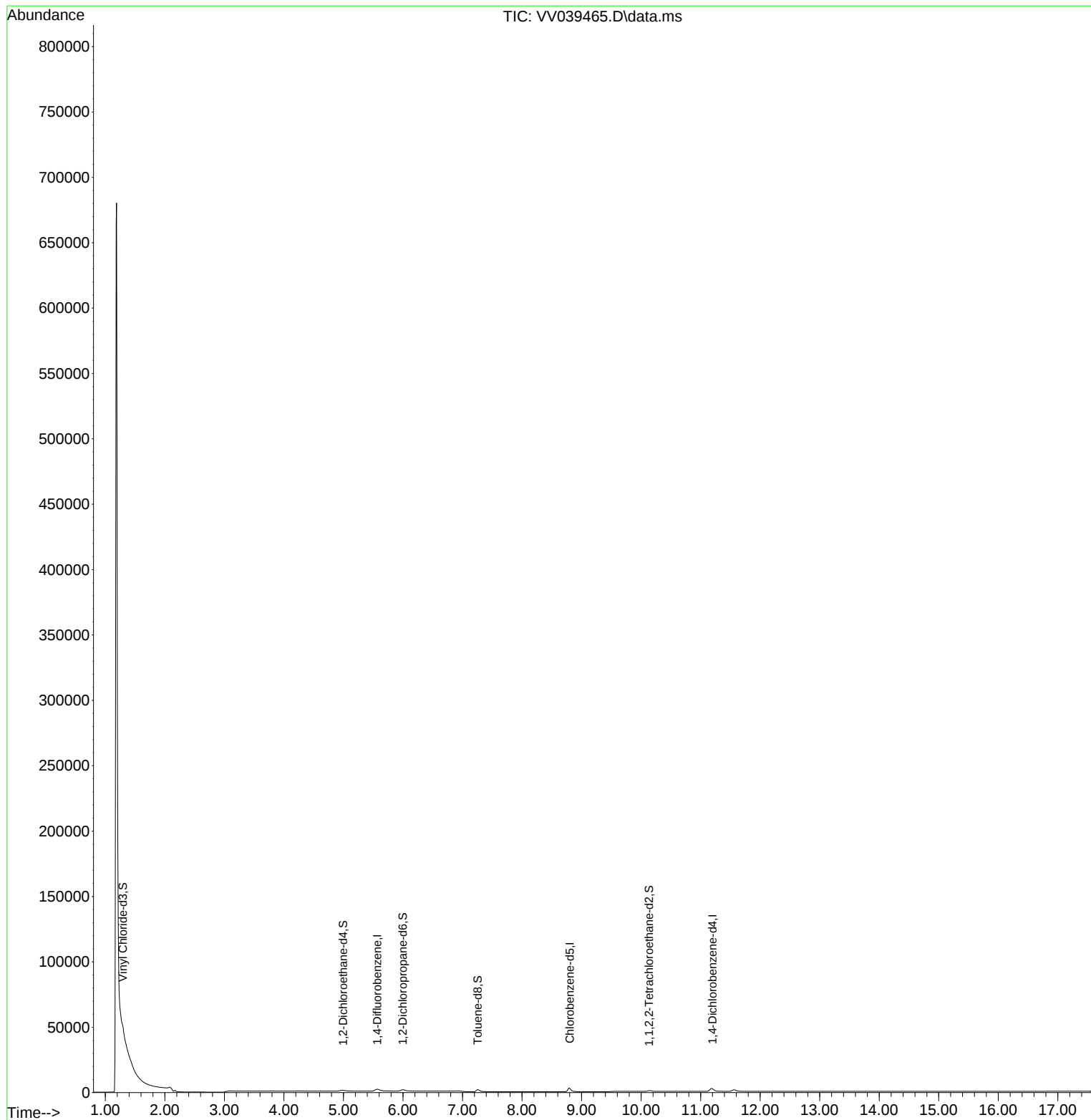
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Data File : VV039465.D
Acq On : 04 Dec 2025 13:03
Operator : SY/MD
Sample : Q3756-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

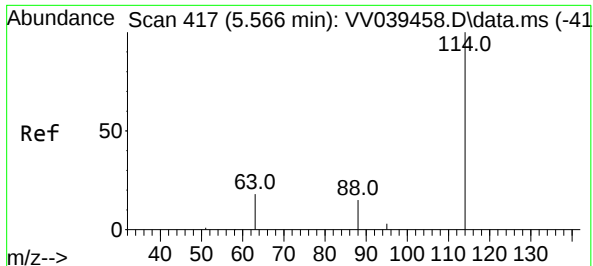
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 05 00:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration





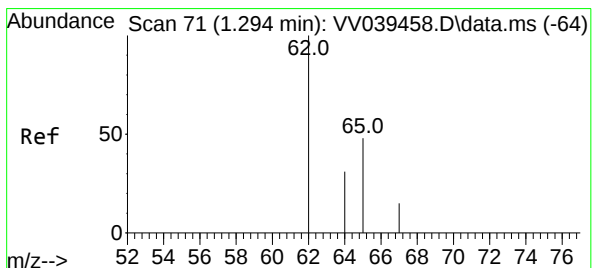
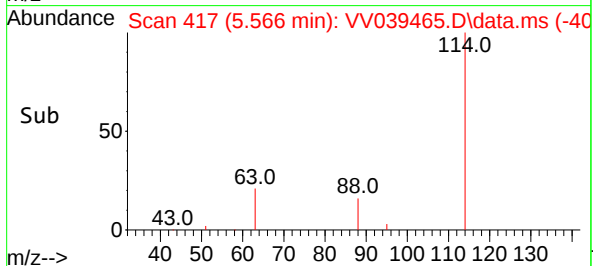
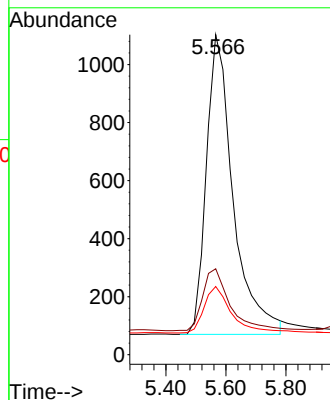
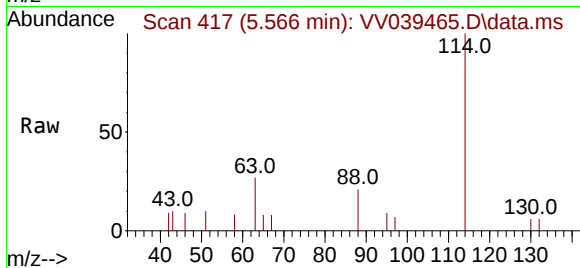
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Instrument : MSVOA_V
ClientSampleId : MW-13B-47.5-120225-SIM

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	15.0	22.4
88	15.6	12.0	18.0

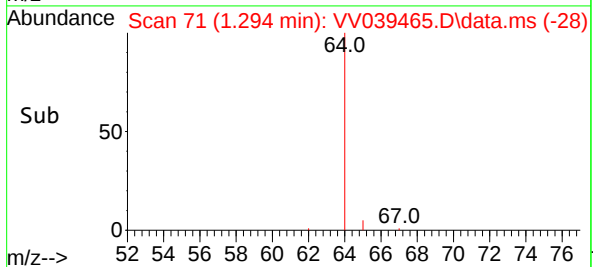
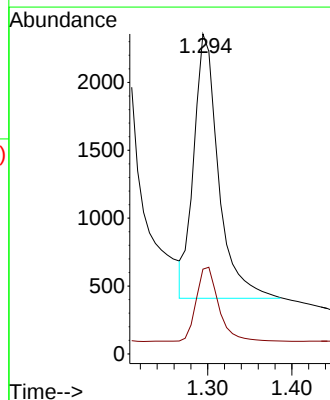
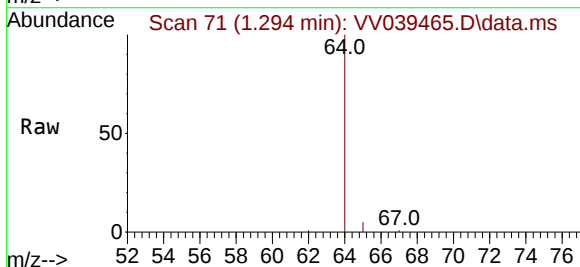
Manual Integrations
APPROVED

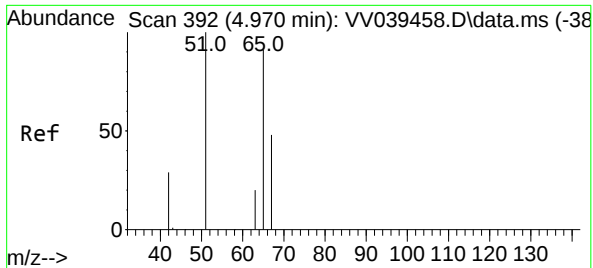
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.619 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

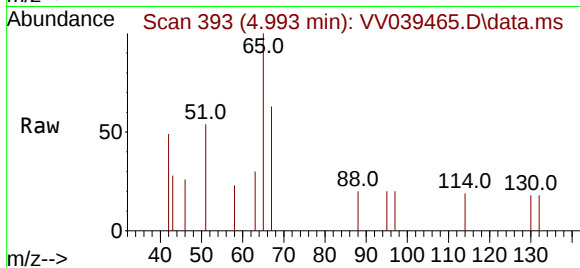
Tgt Ion	Ratio	Lower	Upper
65	100		
67	26.4	22.3	41.5





#4
1,2-Dichloroethane-d4
Concen: 0.451 ug/L
RT: 4.993 min Scan# 393
Delta R.T. 0.024 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

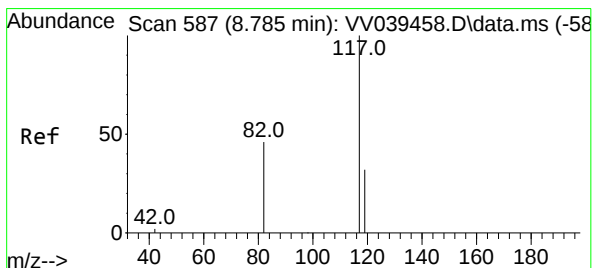
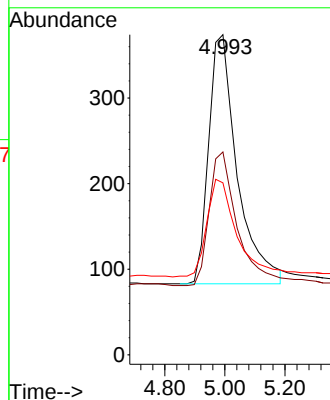
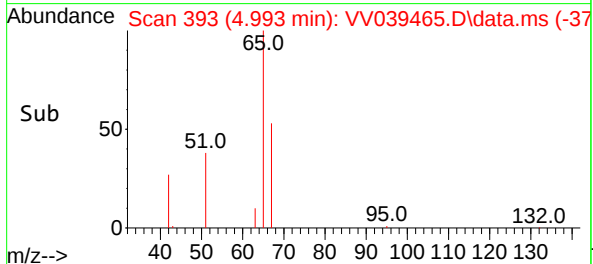
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM



Tgt Ion: 65 Resp: 1920
Ion Ratio Lower Upper
65 100
67 53.0 32.5 60.3
51 41.0 121.4 225.6

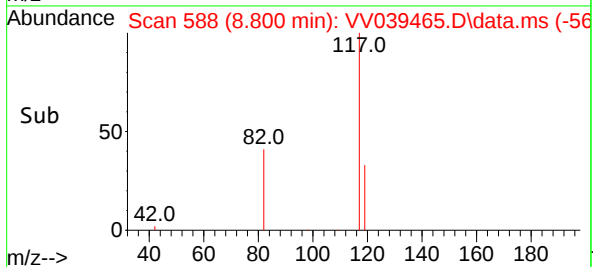
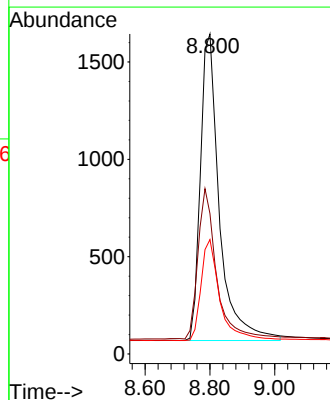
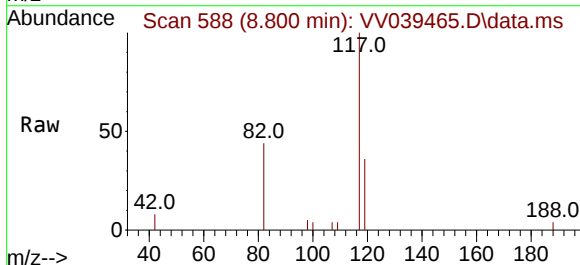
Manual Integrations
APPROVED

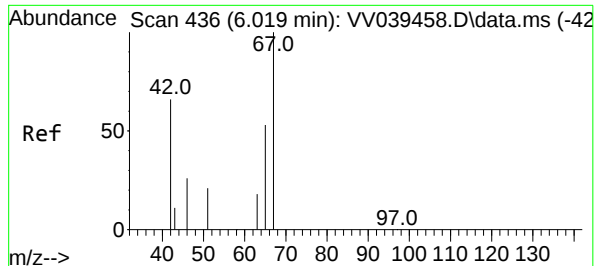
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

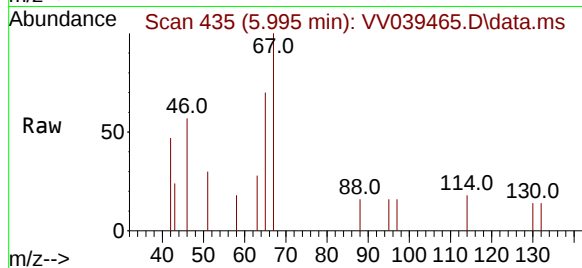
Tgt Ion:117 Resp: 6408
Ion Ratio Lower Upper
117 100
82 47.8 39.4 59.2
119 32.7 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.420 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

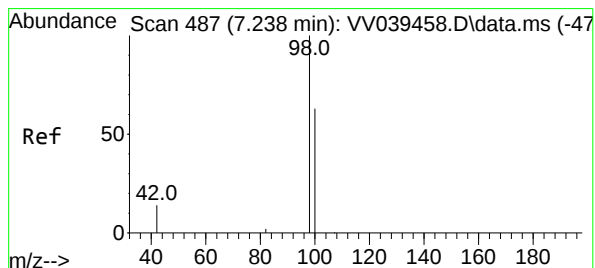
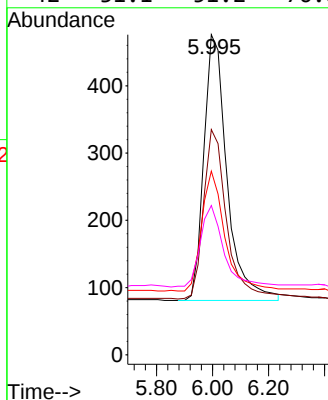
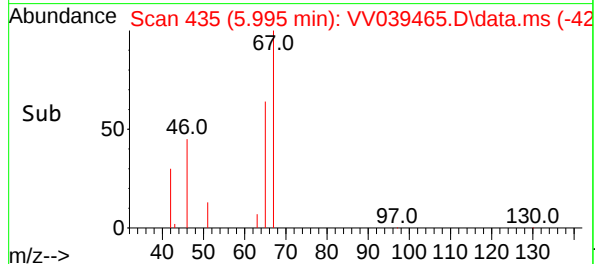
Instrument :
MSVOA_V
ClientSampleId :
MW-13B-47.5-120225-SIM



Tgt Ion: 67 Resp: 2269
Ion Ratio Lower Upper
67 100
65 63.9 37.9 56.9
46 45.3 27.4 41.0
42 31.1 51.2 76.8

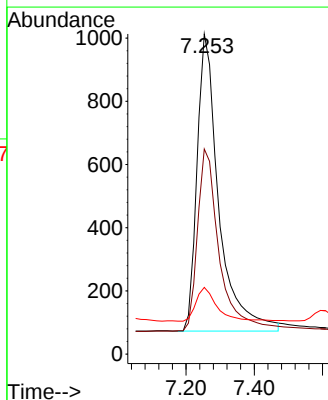
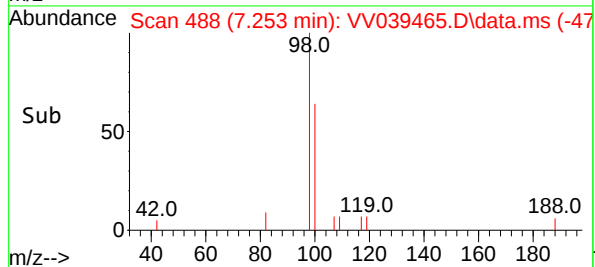
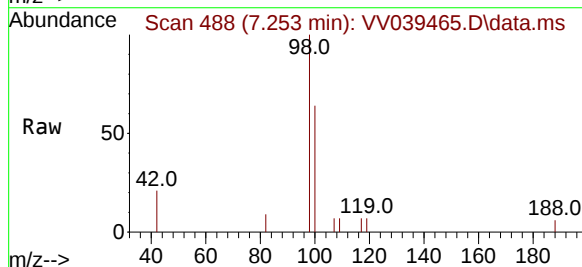
Manual Integrations
APPROVED

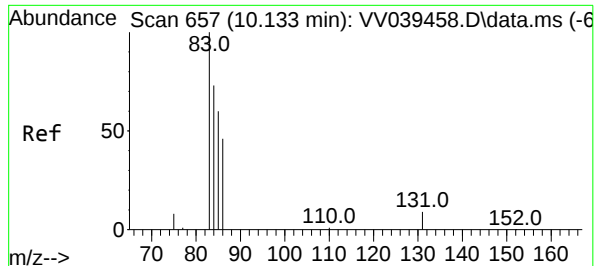
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion: 98 Resp: 4165
Ion Ratio Lower Upper
98 100
100 61.4 44.5 82.7
42 11.0 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.536 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039465.D

Acq: 04 Dec 2025 13:03

Instrument :

MSVOA_V

ClientSampleId :

MW-13B-47.5-120225-SIM

Tgt Ion: 84 Resp: 163

Ion Ratio Lower Upper

84 100

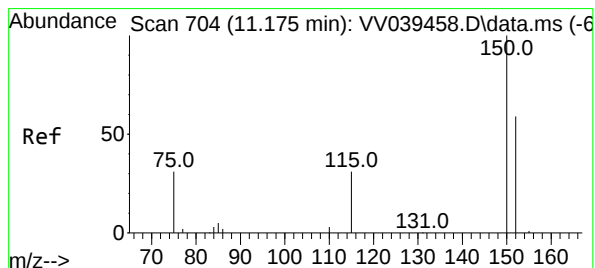
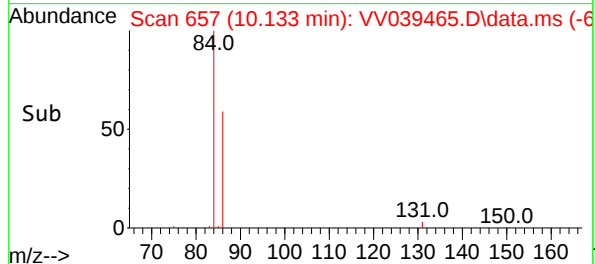
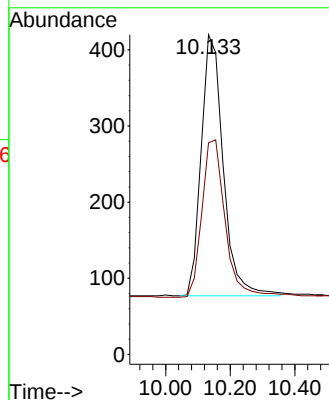
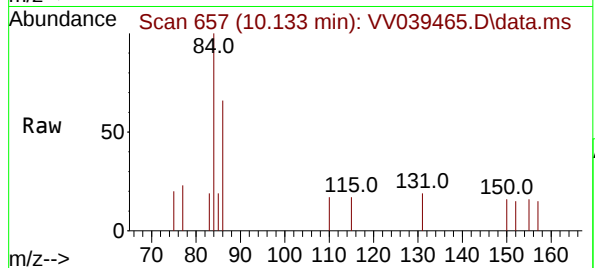
86 63.6 44.4 82.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039465.D

Acq: 04 Dec 2025 13:03

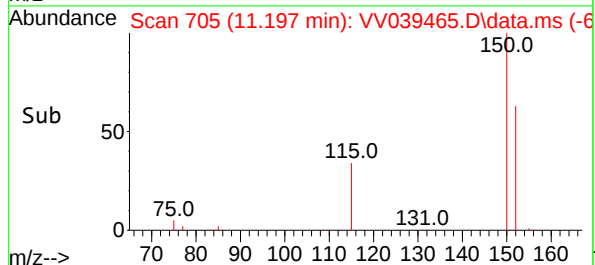
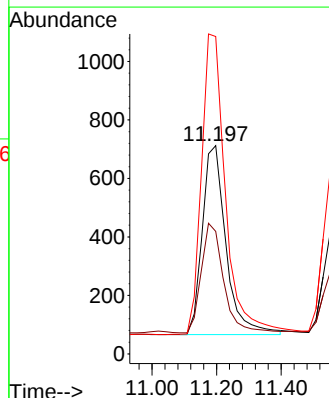
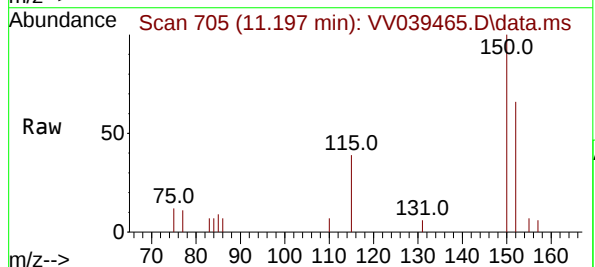
Tgt Ion:152 Resp: 3306

Ion Ratio Lower Upper

152 100

115 54.6 0.0 101.6

150 160.6 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039461.D
 Acq On : 04 Dec 2025 11:39
 Operator : SY/MD
 Sample : Q3756-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EB01-120225

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 00:09:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5924	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5926	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3125	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3303	0.554	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.970	65	1835	0.465	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2147	0.429	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.254	98	4094	0.485	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1512	0.537	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

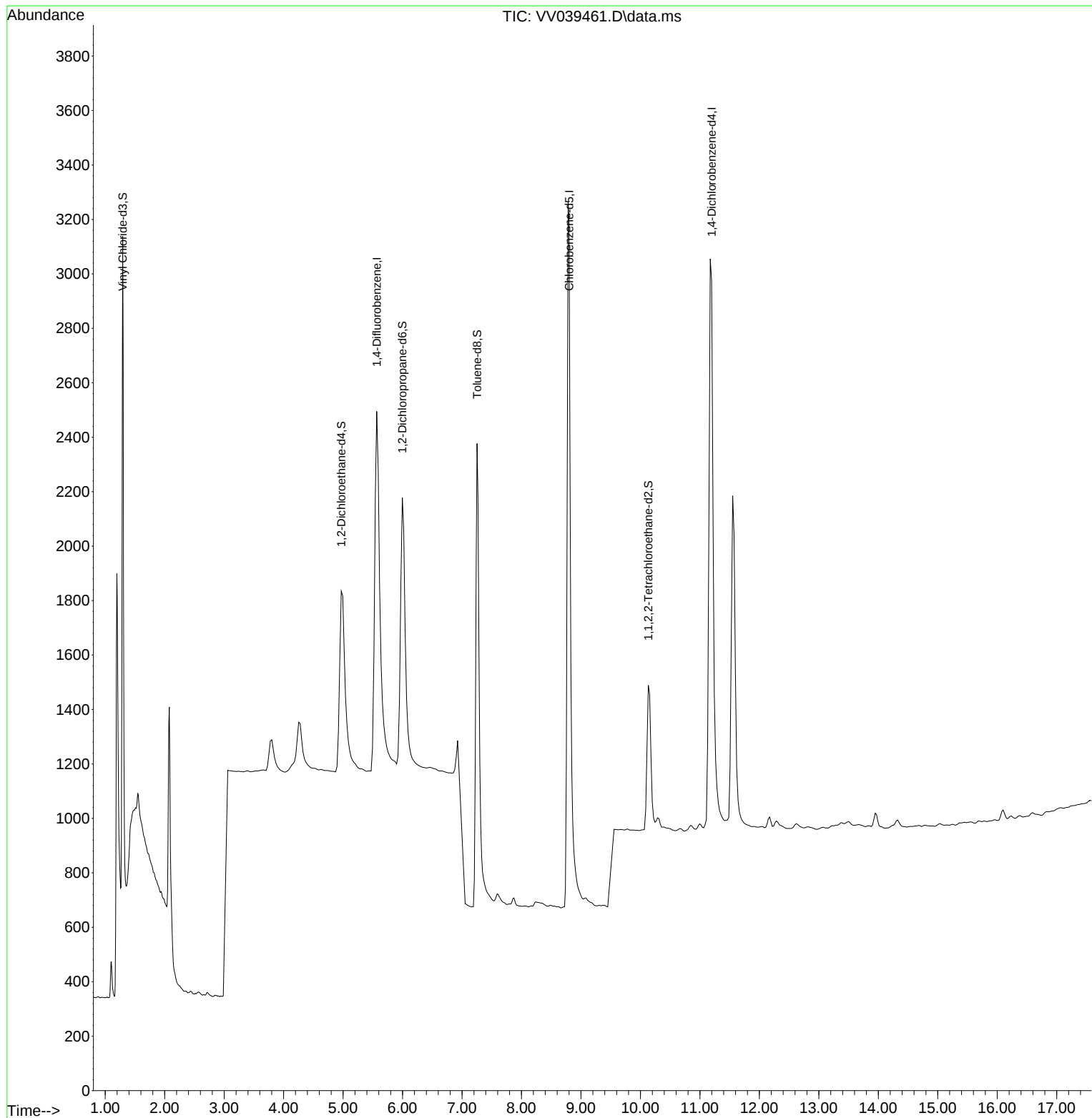
Target Compounds	Qvalue

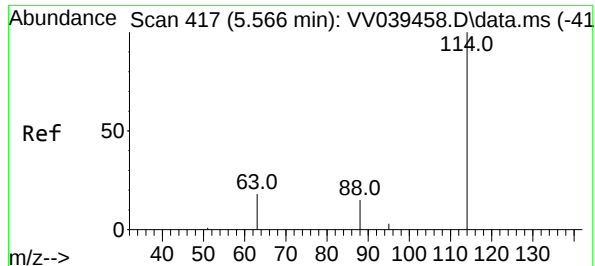
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039461.D
Acq On : 04 Dec 2025 11:39
Operator : SY/MD
Sample : Q3756-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB01-120225

Quant Time: Dec 05 00:09:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

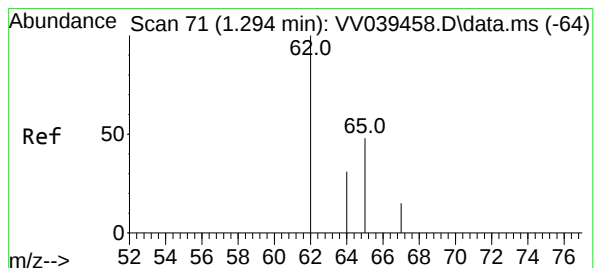
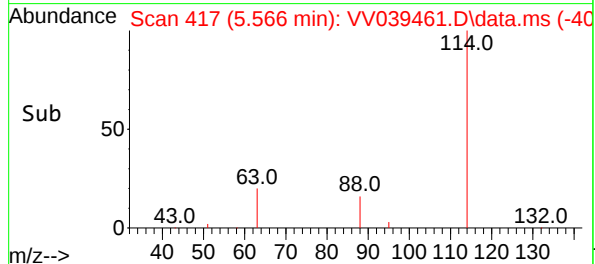
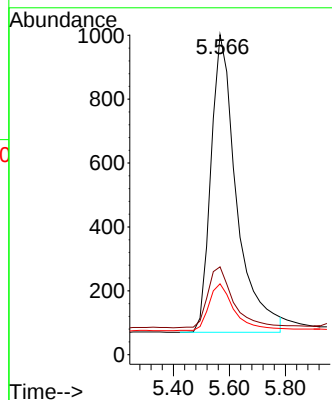
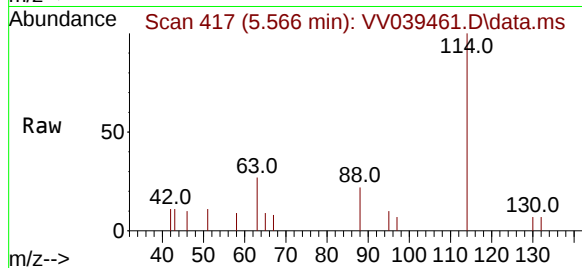




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

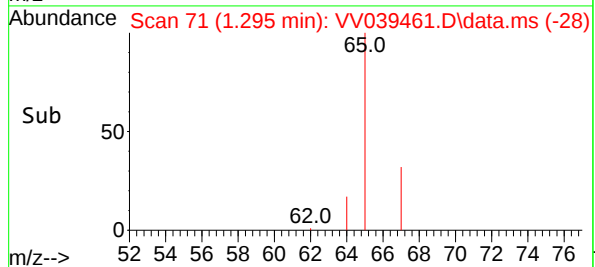
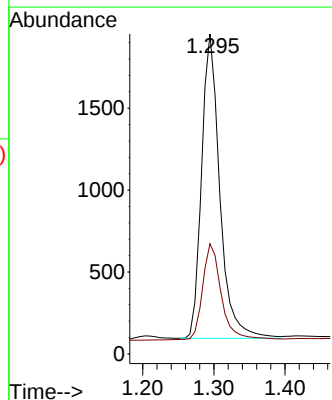
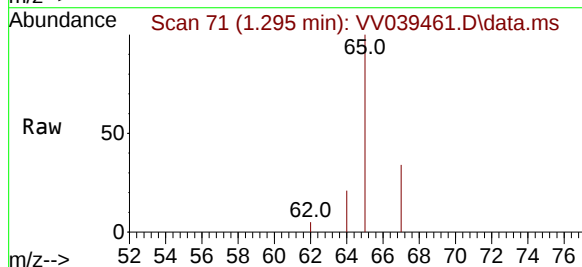
Instrument :
MSVOA_V
ClientSampleId :
EB01-120225

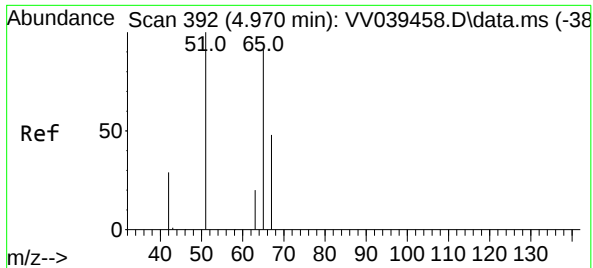
Tgt Ion:	114	Resp:	5924
Ion Ratio	Lower	Upper	
114	100		
63	20.6	15.0	22.4
88	15.7	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.554 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion:	65	Resp:	3303
Ion Ratio	Lower	Upper	
65	100		
67	33.1	22.3	41.5

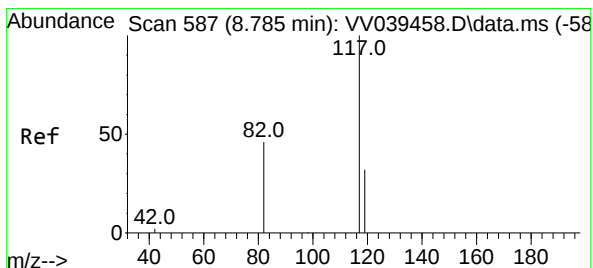
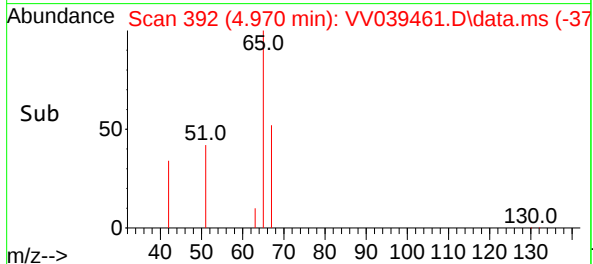
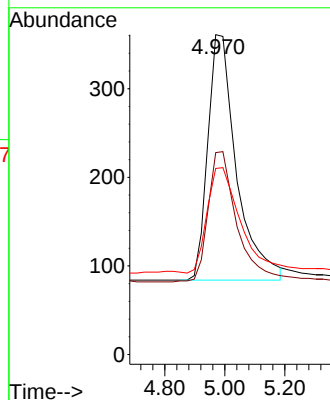
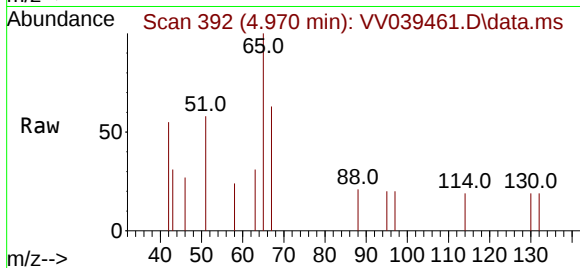




#4
1,2-Dichloroethane-d4
Concen: 0.465 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

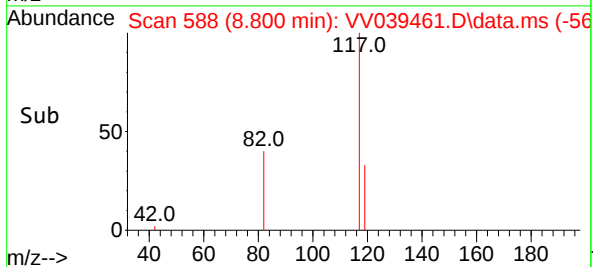
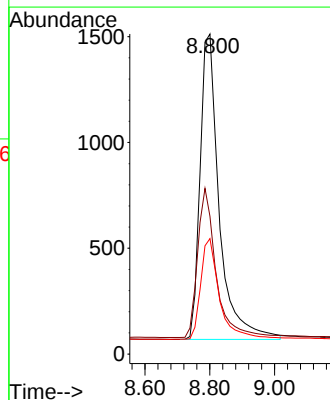
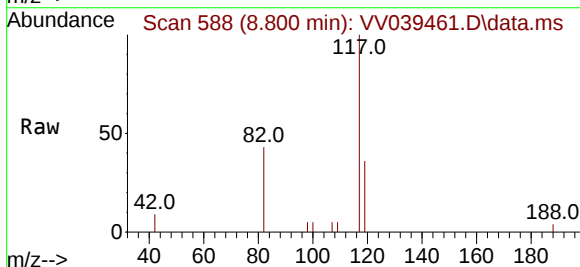
Instrument :
MSVOA_V
ClientSampleId :
EB01-120225

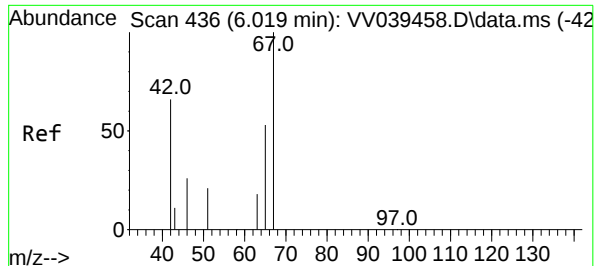
Tgt Ion: 65 Resp: 1835
Ion Ratio Lower Upper
65 100
67 53.2 32.5 60.3
51 49.9 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion: 117 Resp: 5926
Ion Ratio Lower Upper
117 100
82 47.2 39.4 59.2
119 32.7 26.2 39.2

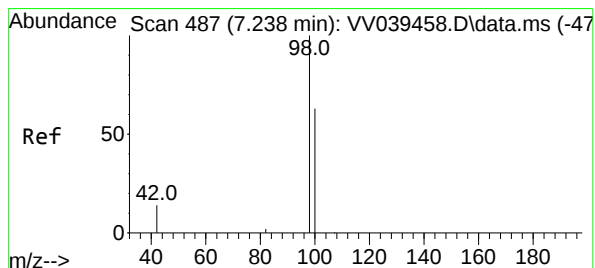
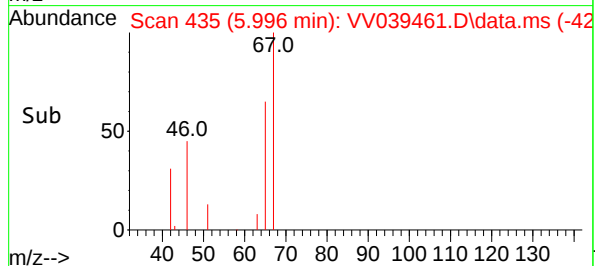
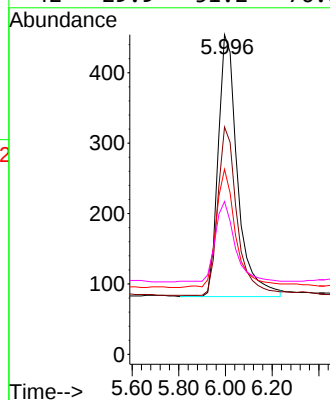
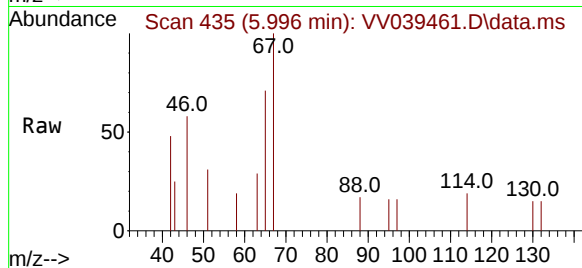




#7
1,2-Dichloropropane-d6
Concen: 0.429 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

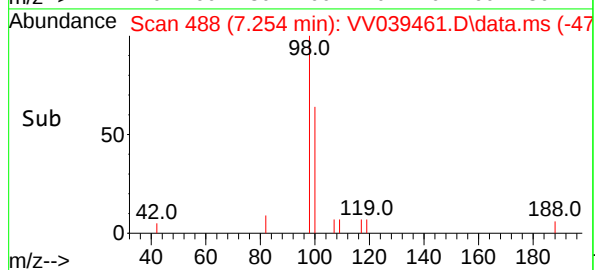
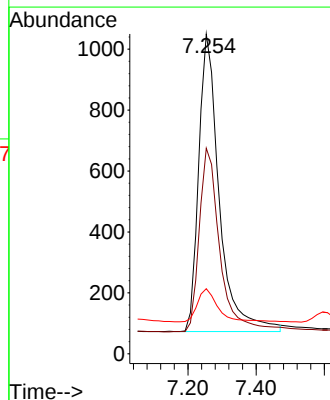
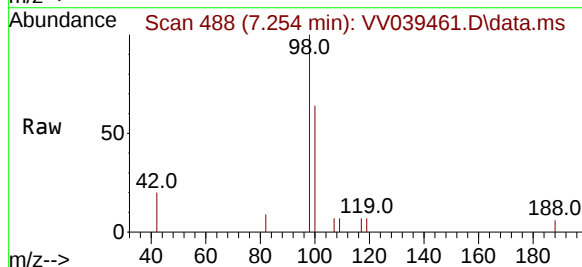
Instrument :
MSVOA_V
ClientSampleId :
EB01-120225

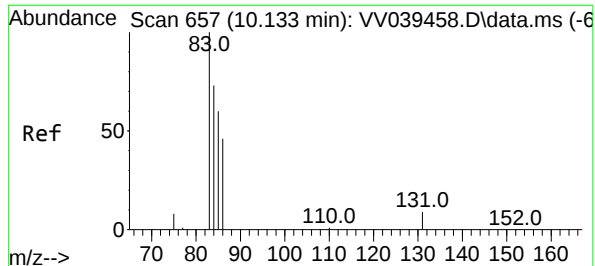
Tgt Ion:	67	Resp:	2147
Ion	Ratio	Lower	Upper
67	100		
65	63.7	37.9	56.9#
46	45.9	27.4	41.0#
42	29.9	51.2	76.8#



#8
Toluene-d8
Concen: 0.485 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion:	98	Resp:	4094
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	11.0	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.537 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039461.D

Acq: 04 Dec 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

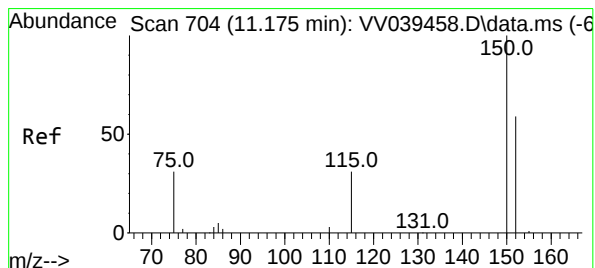
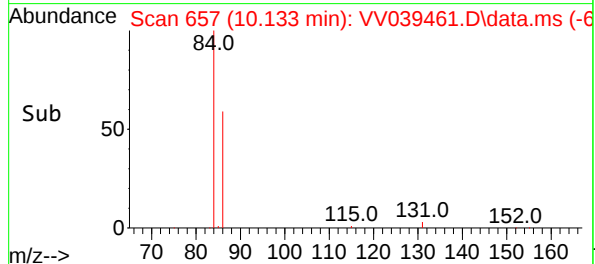
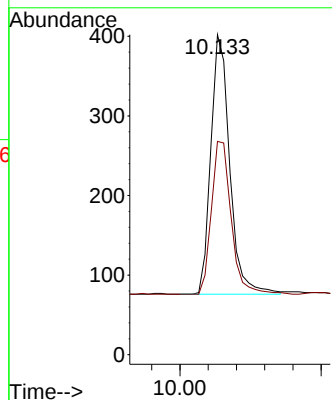
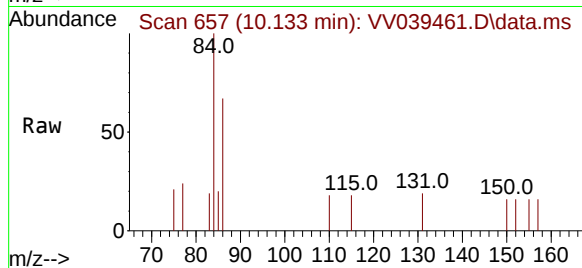
EB01-120225

Tgt Ion: 84 Resp: 1512

Ion Ratio Lower Upper

84 100

86 61.4 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039461.D

Acq: 04 Dec 2025 11:39

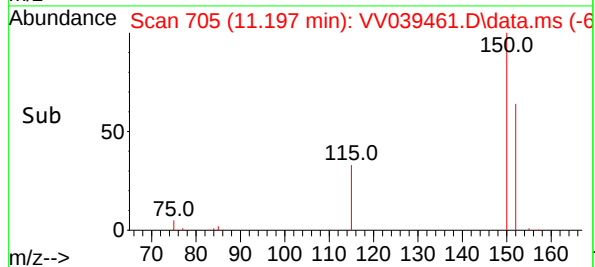
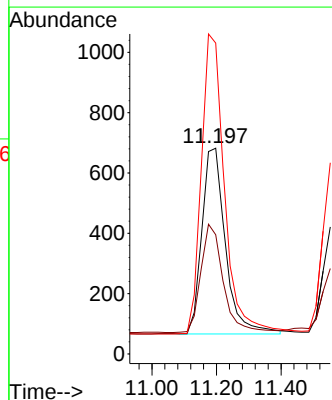
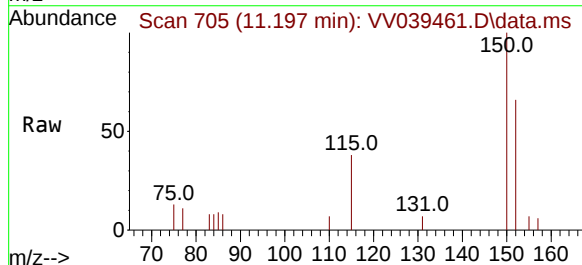
Tgt Ion:152 Resp: 3125

Ion Ratio Lower Upper

152 100

115 55.1 0.0 101.6

150 158.4 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039462.D
 Acq On : 04 Dec 2025 12:00
 Operator : SY/MD
 Sample : Q3756-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120225

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 00:09:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6252	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6195	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3146	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3388	0.539	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	108.000%
4) 1,2-Dichloroethane-d4	4.993	65	1874	0.450	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.996	67	2185	0.418	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	4126	0.468	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1530	0.519	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%

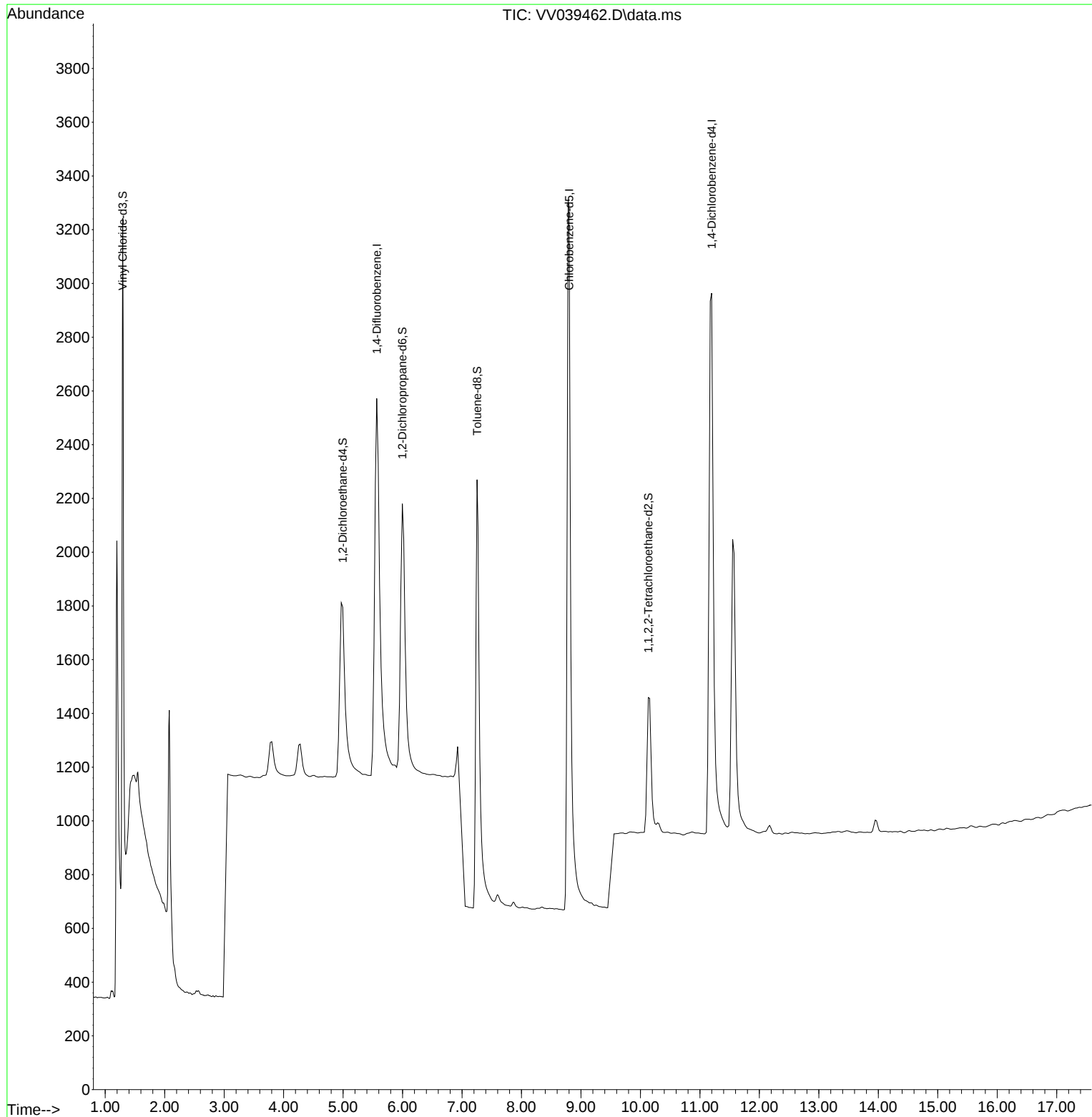
Target Compounds	Qvalue

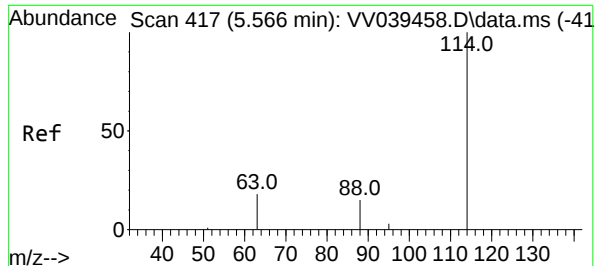
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039462.D
Acq On : 04 Dec 2025 12:00
Operator : SY/MD
Sample : Q3756-10
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB01-120225

Quant Time: Dec 05 00:09:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

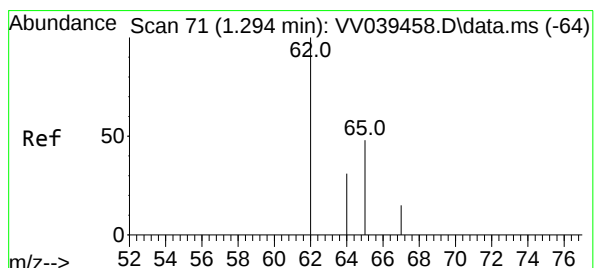
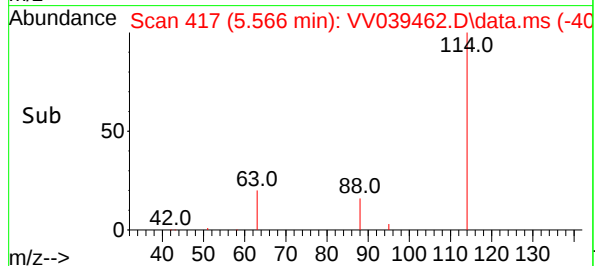
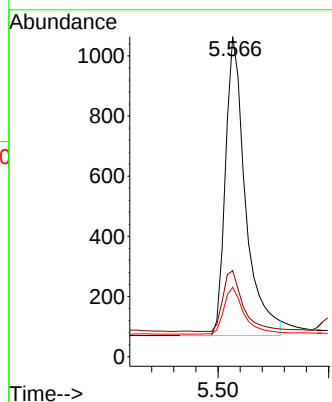
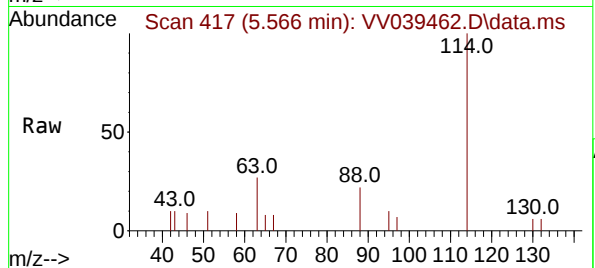




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

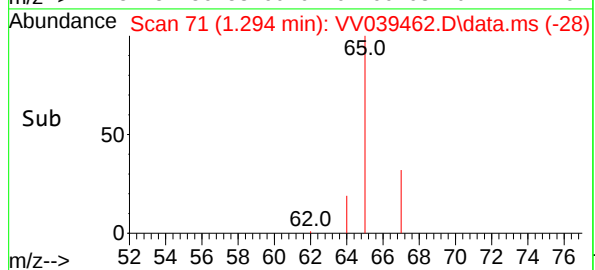
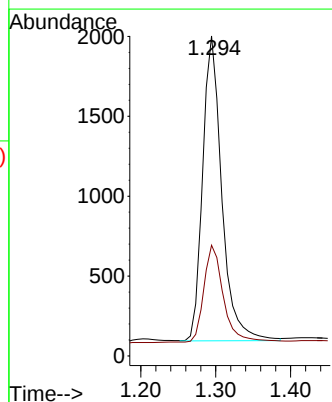
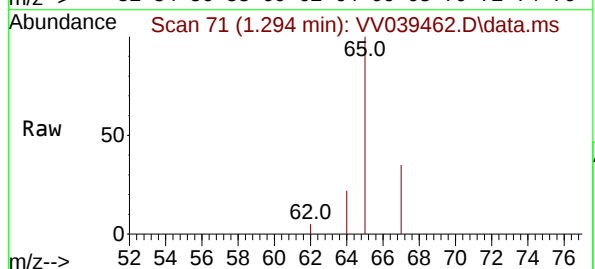
Instrument :
MSVOA_V
ClientSampleId :
TB01-120225

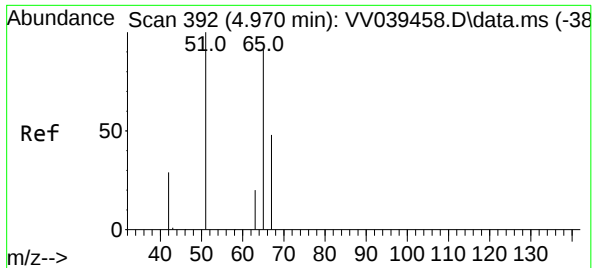
Tgt Ion: 114 Resp: 6252
Ion Ratio Lower Upper
114 100
63 20.3 15.0 22.4
88 15.7 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.539 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

Tgt Ion: 65 Resp: 3388
Ion Ratio Lower Upper
65 100
67 33.2 22.3 41.5

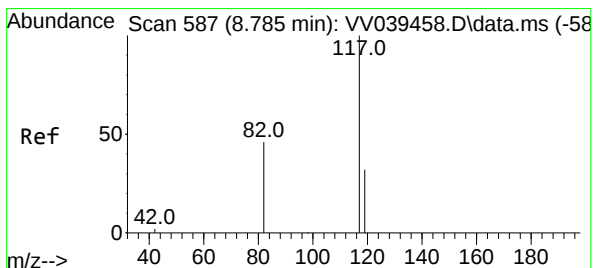
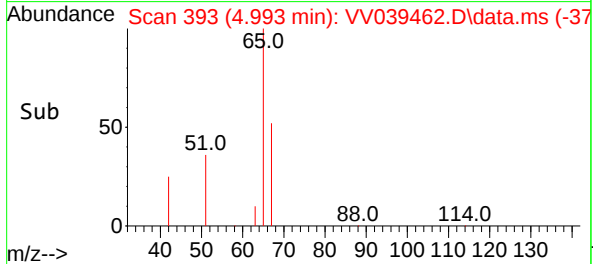
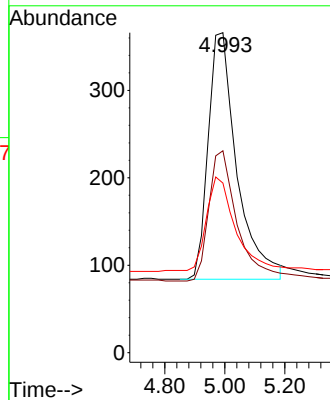
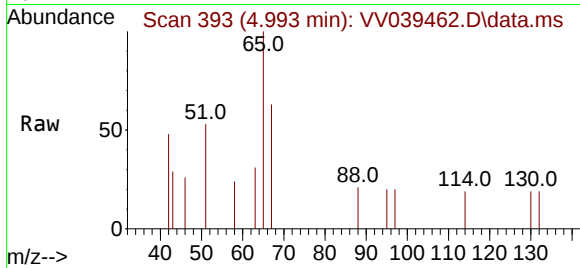




#4
1,2-Dichloroethane-d4
Concen: 0.450 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

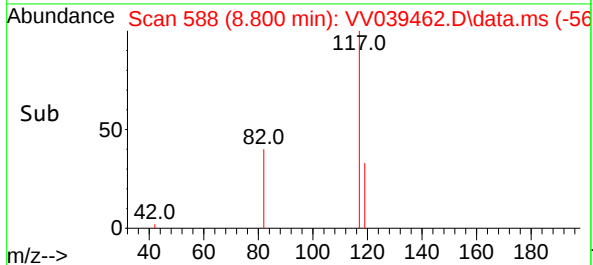
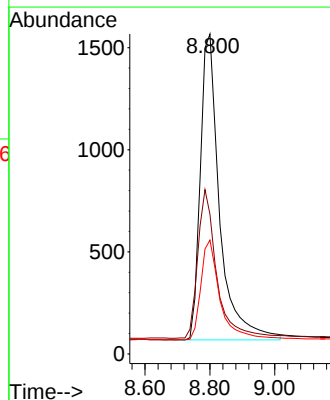
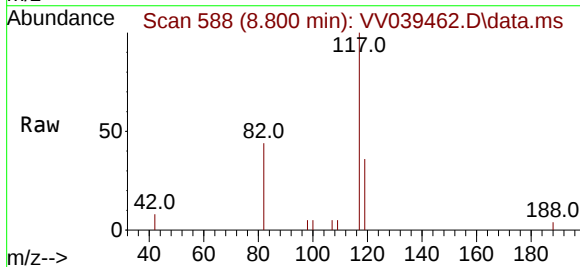
Instrument :
MSVOA_V
ClientSampleId :
TB01-120225

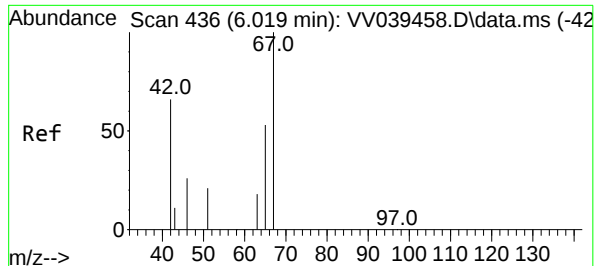
Tgt Ion: 65 Resp: 1874
Ion Ratio Lower Upper
65 100
67 52.4 32.5 60.3
51 39.0 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

Tgt Ion: 117 Resp: 6195
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.6 26.2 39.2

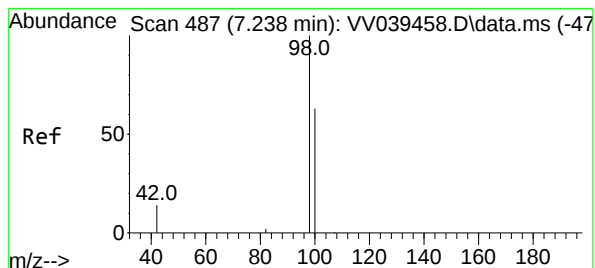
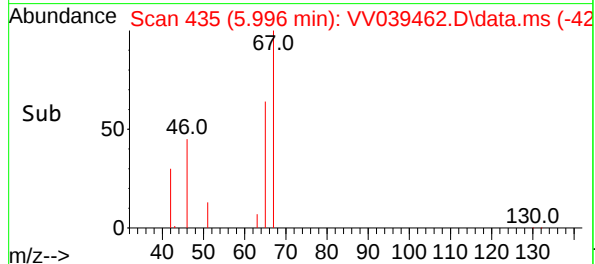
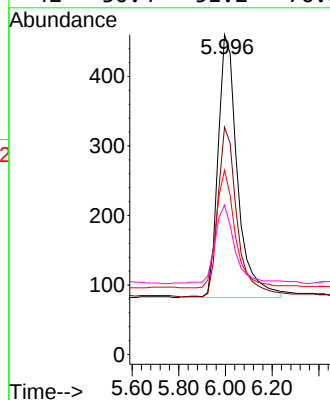
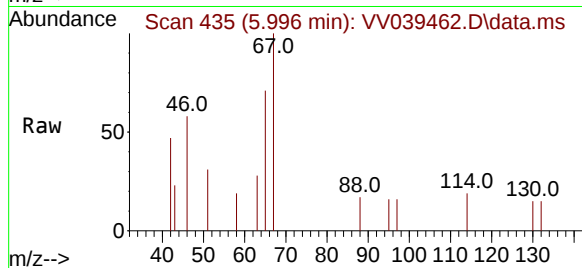




#7
1,2-Dichloropropane-d6
Concen: 0.418 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

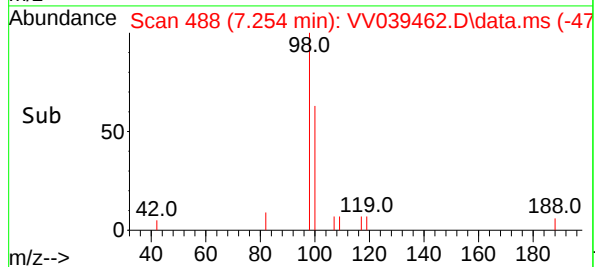
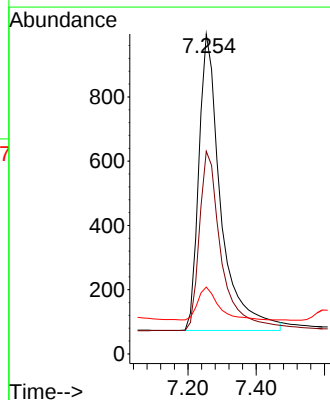
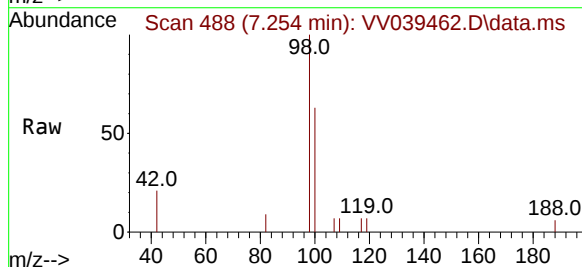
Instrument :
MSVOA_V
ClientSampleId :
TB01-120225

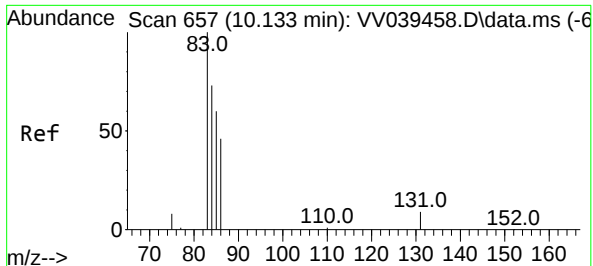
Tgt Ion:	67	Resp:	2185
Ion	Ratio	Lower	Upper
67	100		
65	63.9	37.9	56.9#
46	43.7	27.4	41.0#
42	30.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.468 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039462.D
Acq: 04 Dec 2025 12:00

Tgt Ion:	98	Resp:	4126
Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	10.3	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.519 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

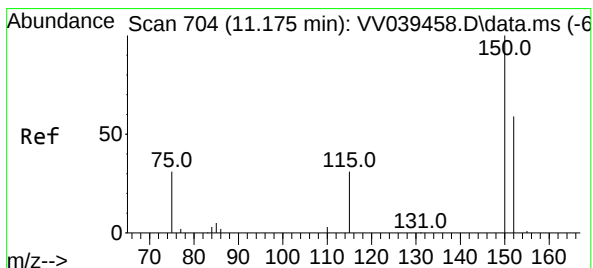
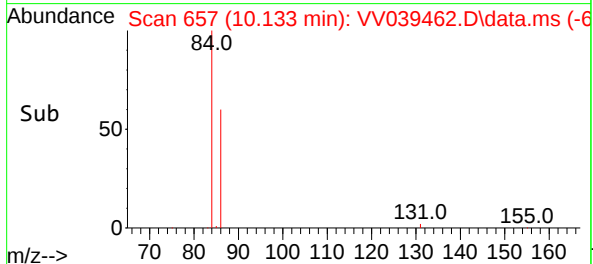
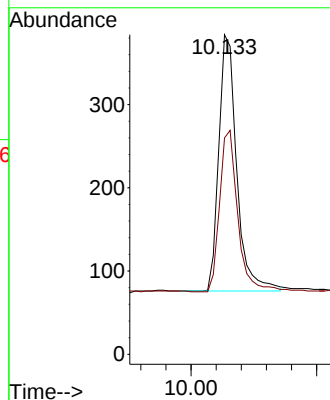
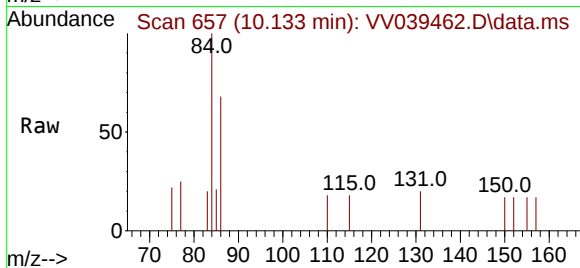
TB01-120225

Tgt Ion: 84 Resp: 1530

Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039462.D

Acq: 04 Dec 2025 12:00

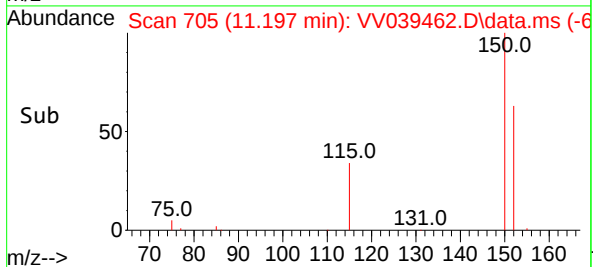
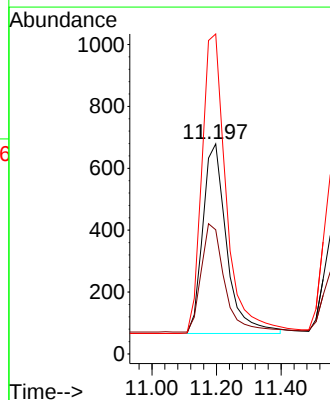
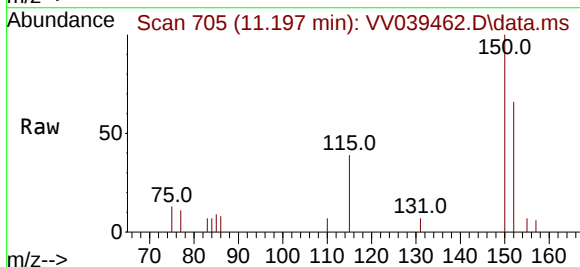
Tgt Ion: 152 Resp: 3146

Ion Ratio Lower Upper

152 100

115 55.8 0.0 101.6

150 160.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039483.D
Acq On : 05 Dec 2025 16:29
Operator : SY/MD
Sample : Q3756-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 22:49:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5671	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5736	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2936	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3377	0.592	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	118.000%
4) 1,2-Dichloroethane-d4	4.993	65	1821	0.482	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.995	67	2072	0.428	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.253	98	3812	0.467	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1445	0.530	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%

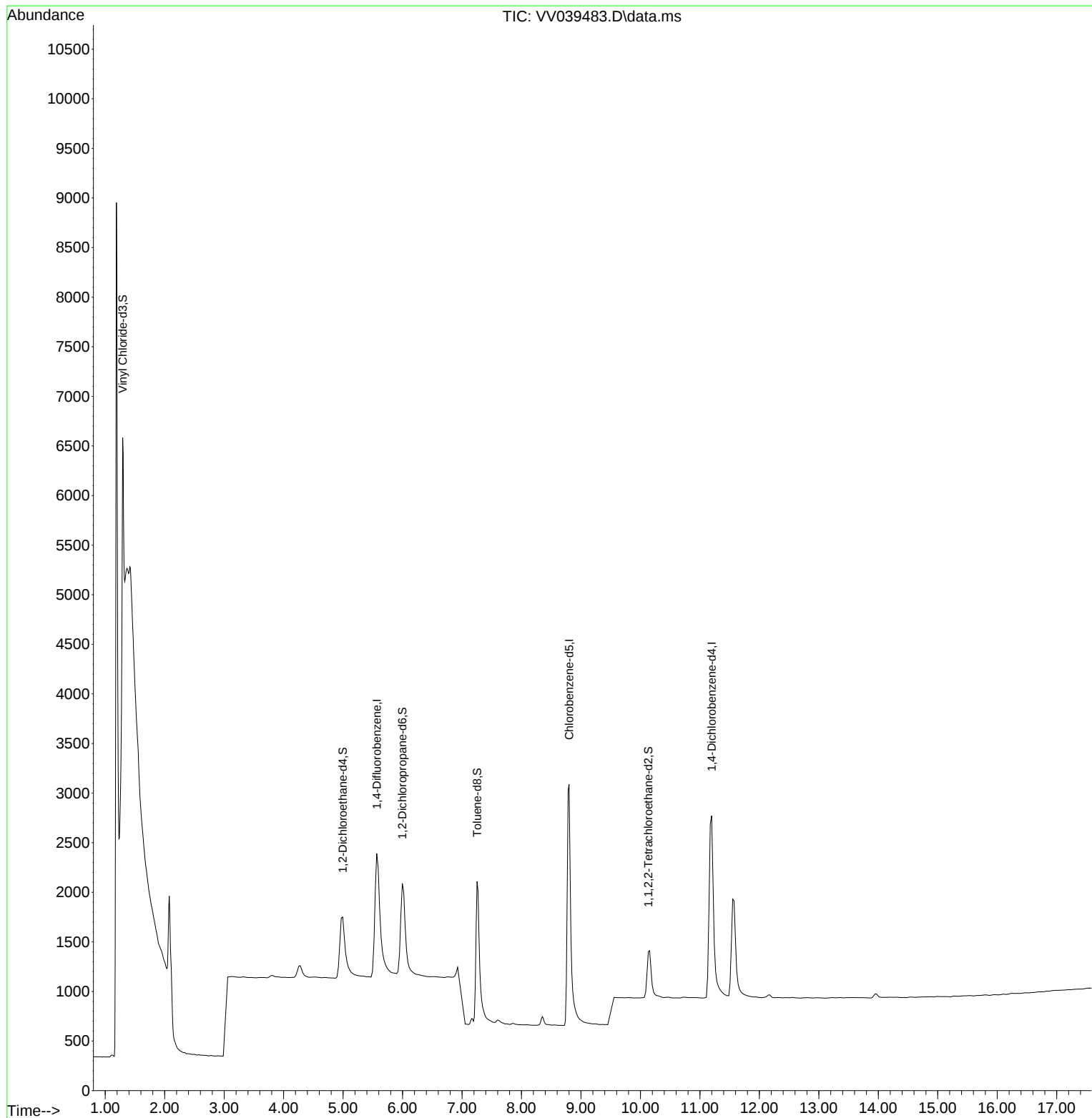
Target Compounds	Qvalue

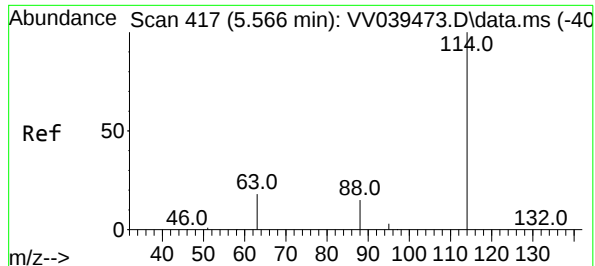
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039483.D
Acq On : 05 Dec 2025 16:29
Operator : SY/MD
Sample : Q3756-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: Dec 05 22:49:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

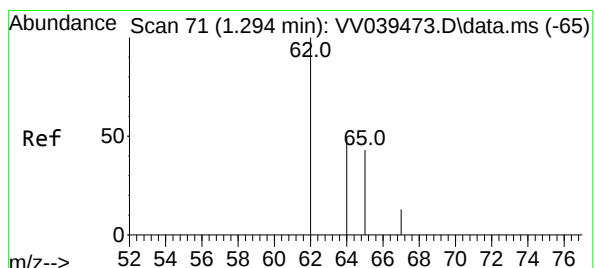
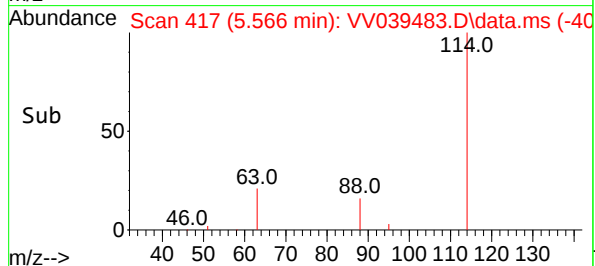
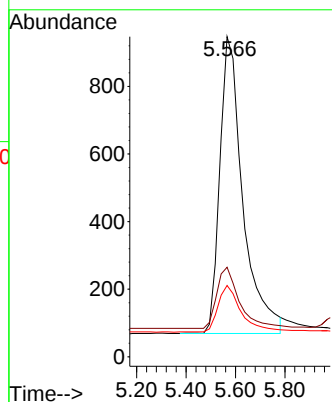
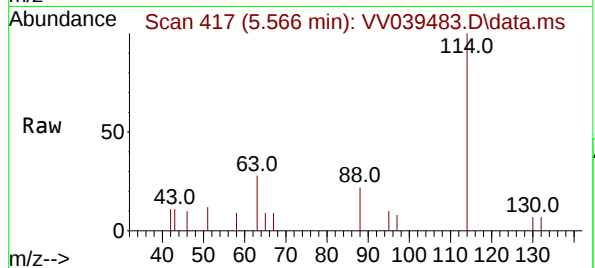




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039483.D
Acq: 05 Dec 2025 16:29

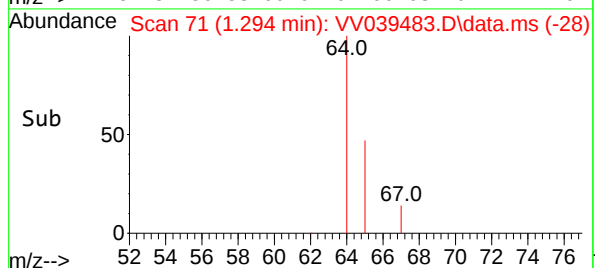
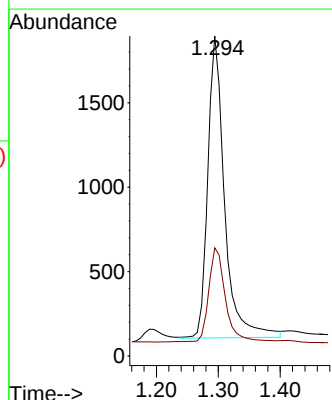
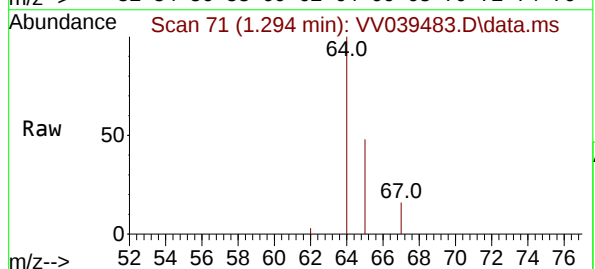
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion:	114	Resp:	5671
Ion Ratio	Lower	Upper	
114	100		
63	20.3	15.0	22.4
88	15.4	12.0	18.0

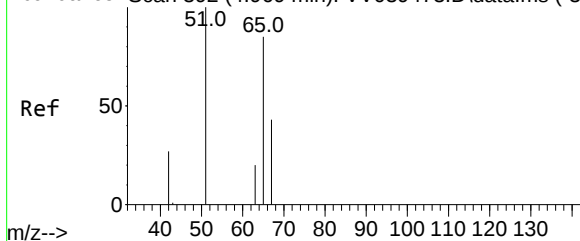


#2
Vinyl Chloride-d3
Concen: 0.592 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039483.D
Acq: 05 Dec 2025 16:29

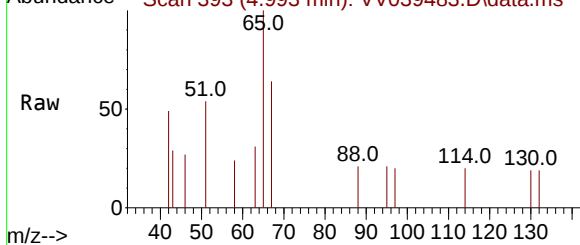
Tgt Ion:	65	Resp:	3377
Ion Ratio	Lower	Upper	
65	100		
67	31.3	22.3	41.5



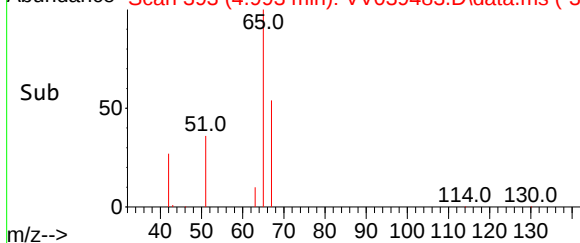
Abundance Scan 392 (4.969 min): VV039473.D\data.ms (-38



Abundance Scan 393 (4.993 min): VV039483.D\data.ms



Abundance Scan 393 (4.993 min): VV039483.D\data.ms (-37



#4

1,2-Dichloroethane-d4

Concen: 0.482 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV039483.D

Acq: 05 Dec 2025 16:29

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 65 Resp: 1821

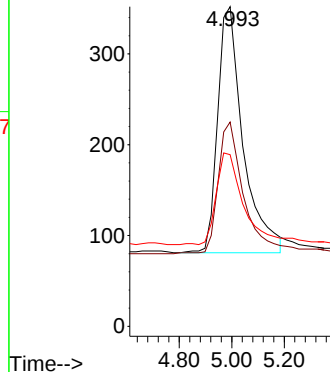
Ion Ratio Lower Upper

65 100

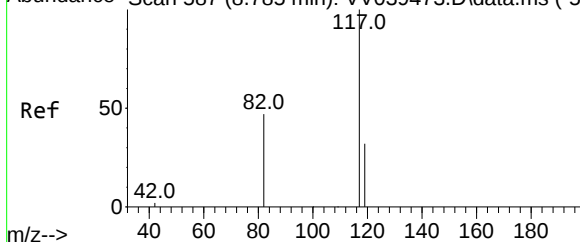
67 53.0 32.5 60.3

51 39.3 121.4 225.6#

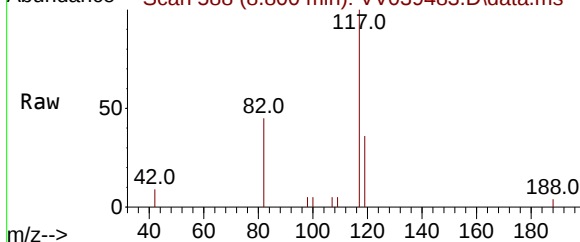
Abundance



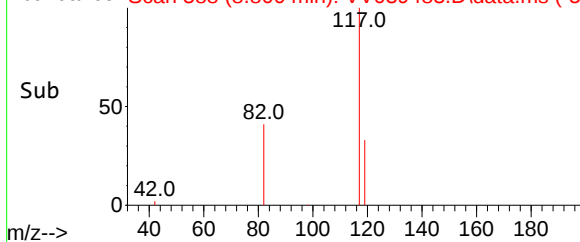
Abundance Scan 587 (8.785 min): VV039473.D\data.ms (-58



Abundance Scan 588 (8.800 min): VV039483.D\data.ms



Abundance Scan 588 (8.800 min): VV039483.D\data.ms (-56



#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 588

Delta R.T. 0.015 min

Lab File: VV039483.D

Acq: 05 Dec 2025 16:29

Tgt Ion: 117 Resp: 5736

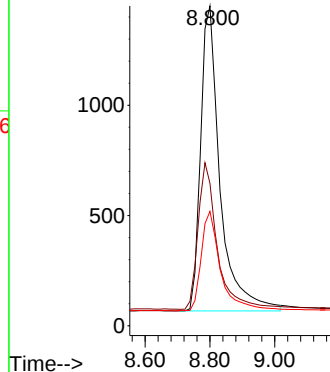
Ion Ratio Lower Upper

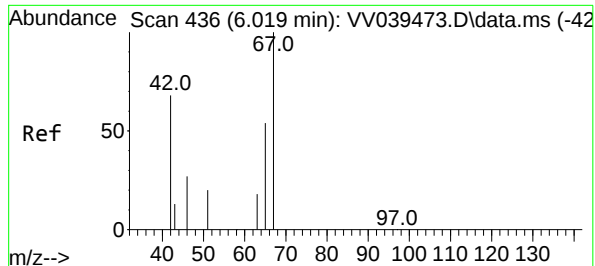
117 100

82 47.9 39.4 59.2

119 32.7 26.2 39.2

Abundance

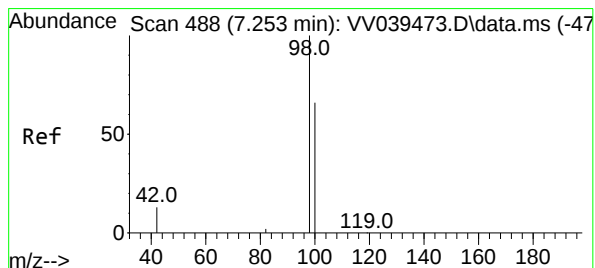
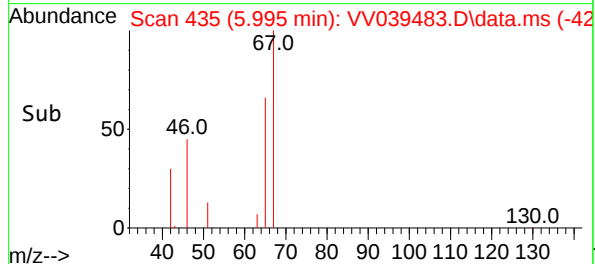
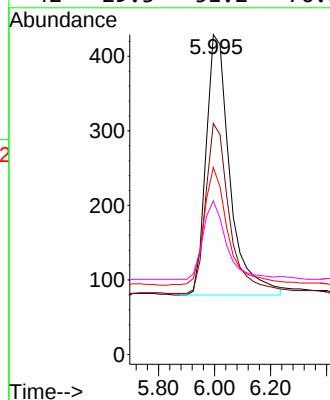
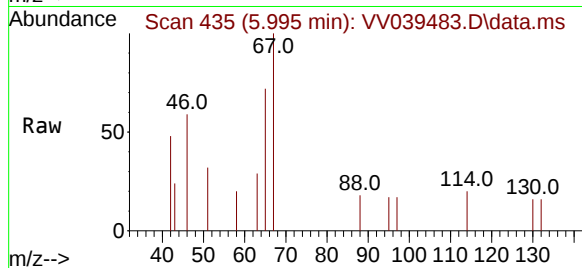




#7
1,2-Dichloropropane-d6
Concen: 0.428 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039483.D
Acq: 05 Dec 2025 16:29

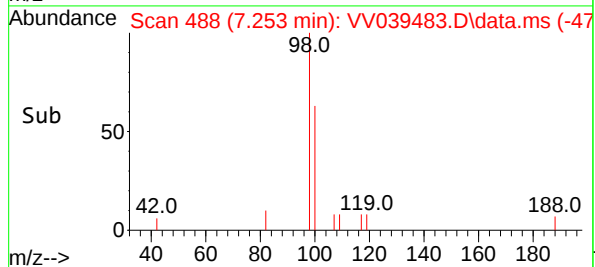
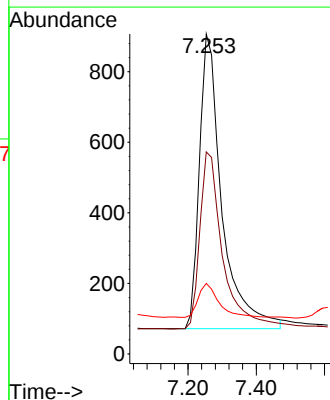
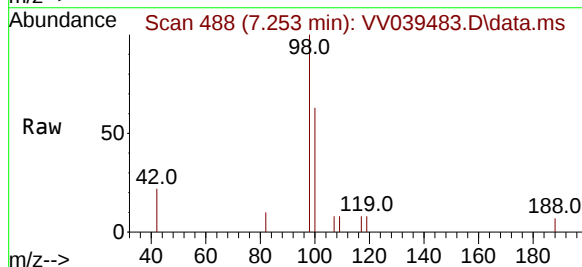
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

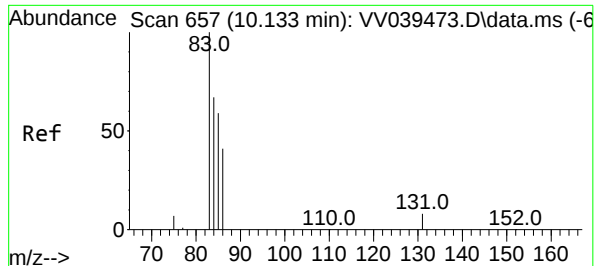
Tgt Ion:	67	Resp:	2072
Ion	Ratio	Lower	Upper
67	100		
65	64.7	37.9	56.9#
46	45.7	27.4	41.0#
42	29.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.467 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039483.D
Acq: 05 Dec 2025 16:29

Tgt Ion:	98	Resp:	3812
Ion	Ratio	Lower	Upper
98	100		
100	61.1	44.5	82.7
42	10.5	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.530 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039483.D

Acq: 05 Dec 2025 16:29

Instrument :

MSVOA_V

ClientSampleId :

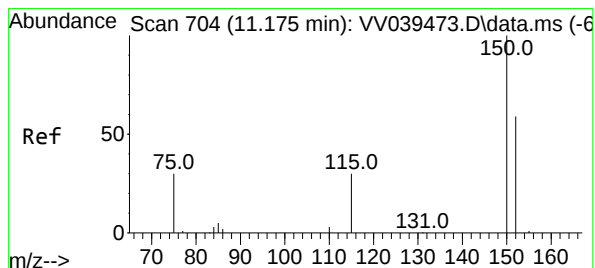
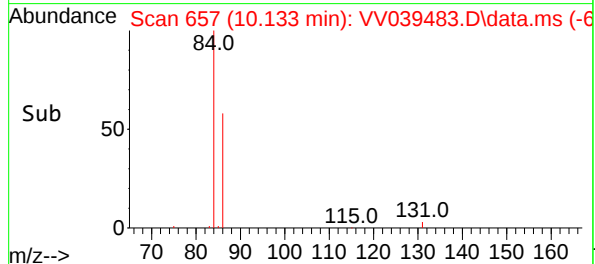
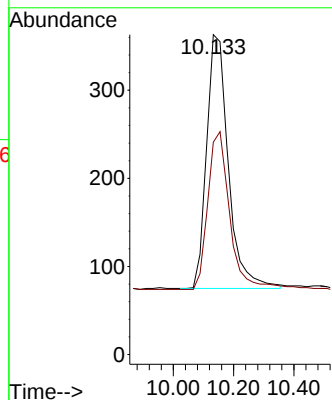
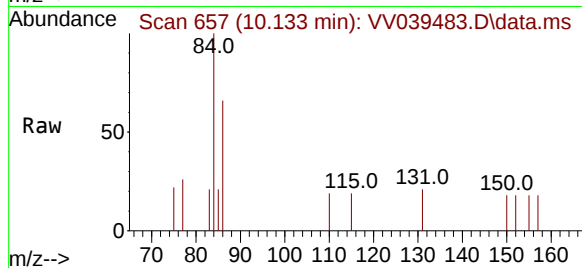
VHBLK001

Tgt Ion: 84 Resp: 1445

Ion Ratio Lower Upper

84 100

86 62.1 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039483.D

Acq: 05 Dec 2025 16:29

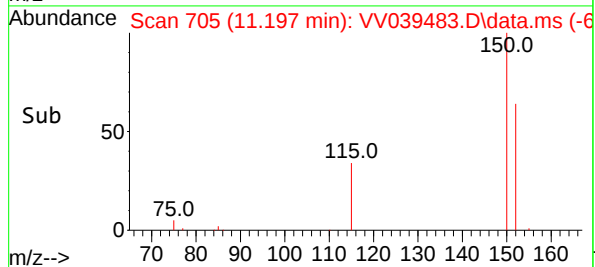
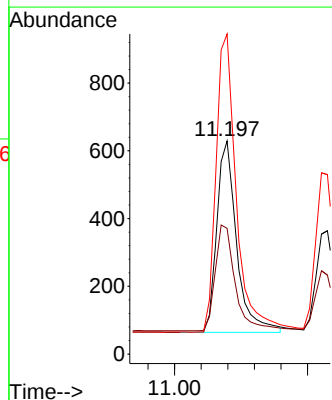
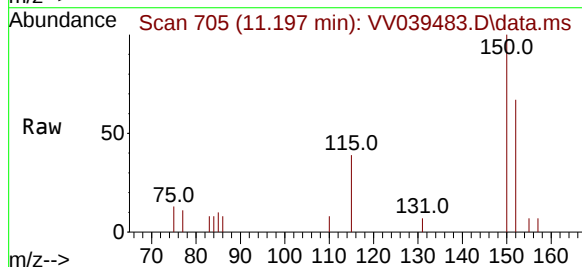
Tgt Ion:152 Resp: 2936

Ion Ratio Lower Upper

152 100

115 55.2 0.0 101.6

150 158.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039459.D
Acq On : 04 Dec 2025 10:15
Operator : SY/MD
Sample : VV1204WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK235

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I
J

Quant Time: Dec 05 00:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7074	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6633	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.198	152	3409	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3577	0.503	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	4.970	65	1966	0.417	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
7) 1,2-Dichloropropane-d6	5.996	67	2213	0.395	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.254	98	4285	0.454	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1572	0.498	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.000%

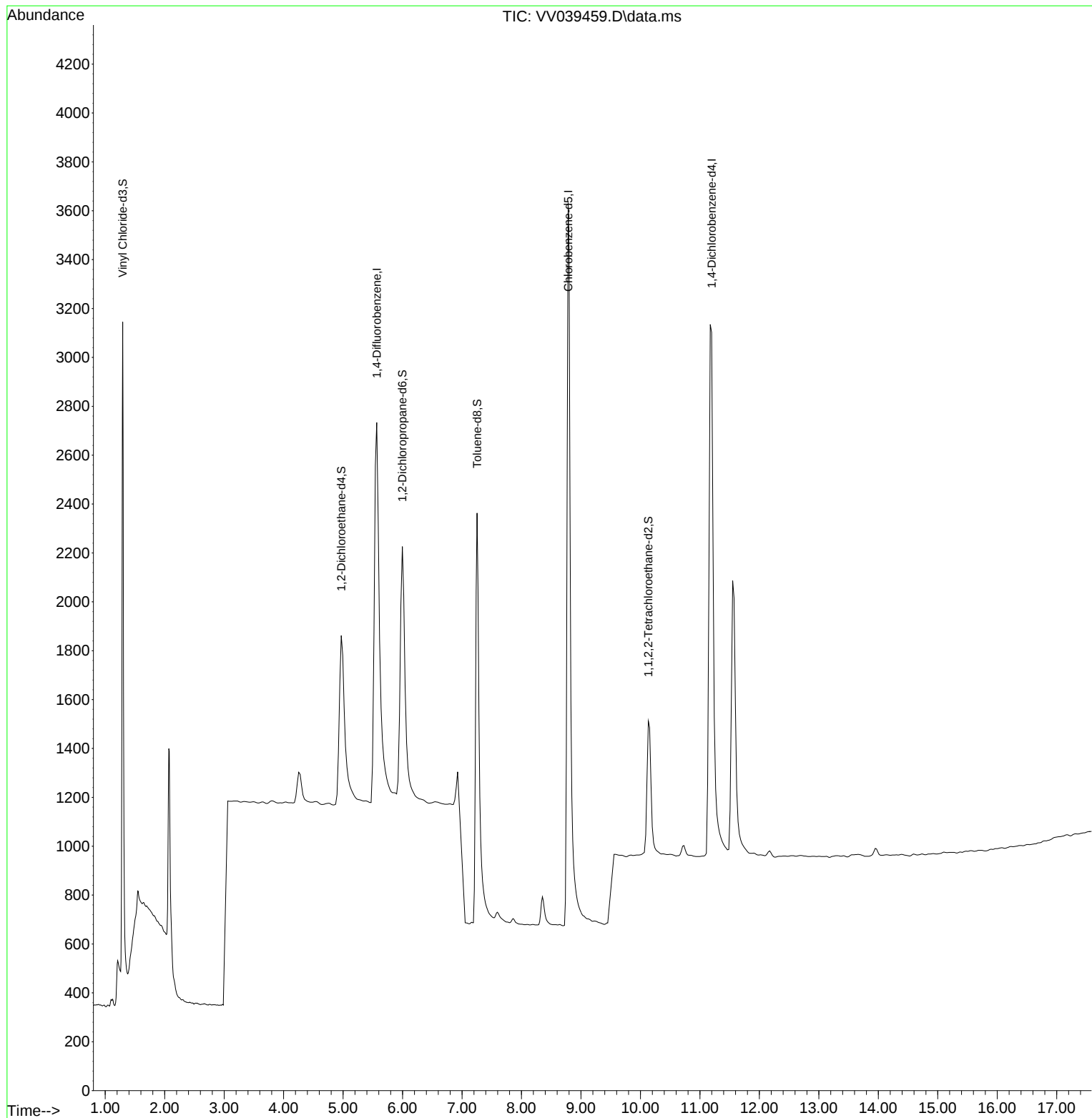
Target Compounds	Qvalue

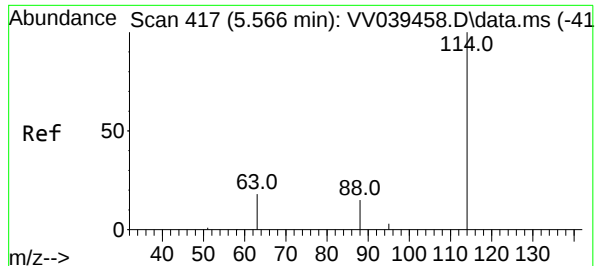
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039459.D
Acq On : 04 Dec 2025 10:15
Operator : SY/MD
Sample : VV1204WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK235

Quant Time: Dec 05 00:08:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

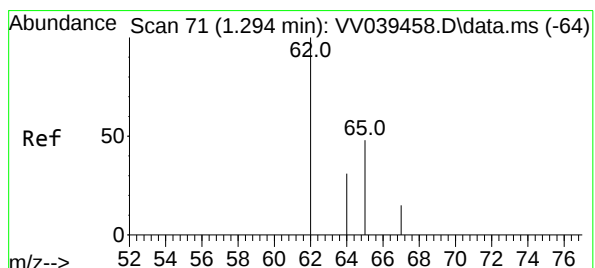
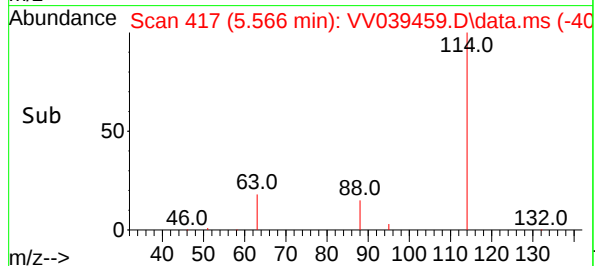
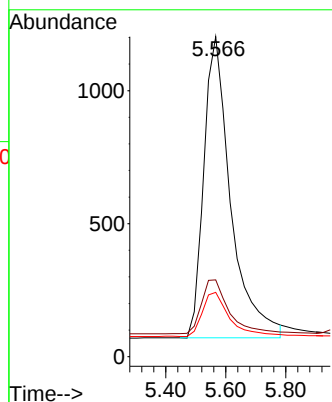
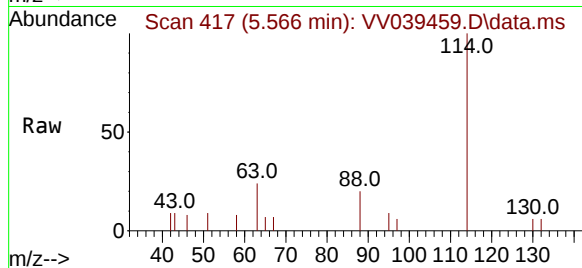




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

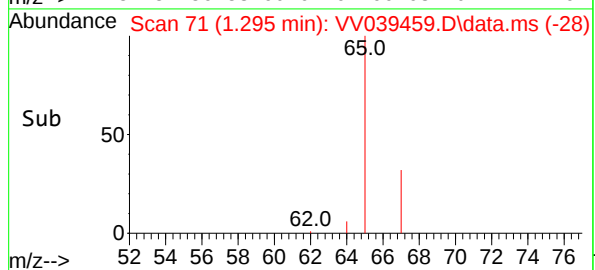
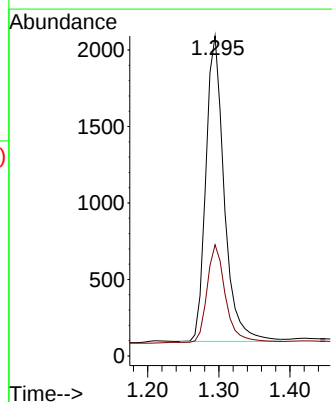
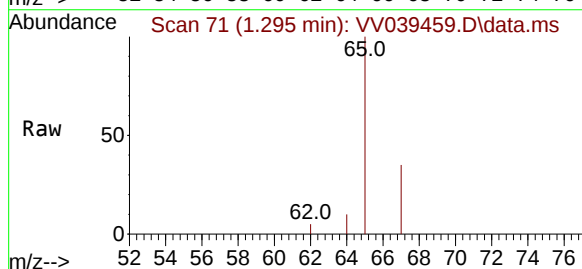
Instrument :
MSVOA_V
ClientSampleId :
VBLK235

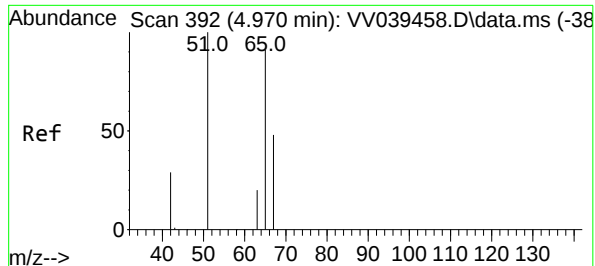
Tgt Ion:114 Resp: 7074
Ion Ratio Lower Upper
114 100
63 18.3 15.0 22.4
88 14.8 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.503 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 65 Resp: 3577
Ion Ratio Lower Upper
65 100
67 33.3 22.3 41.5

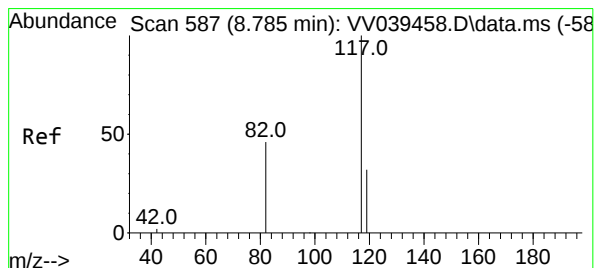
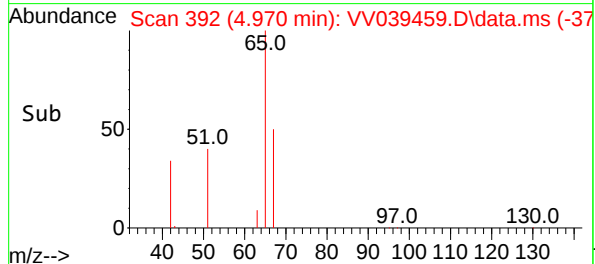
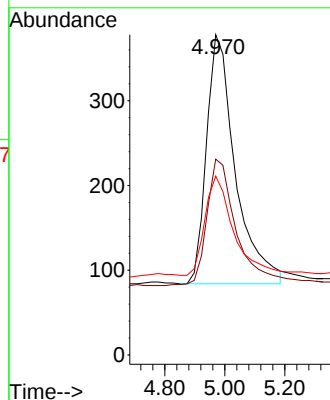
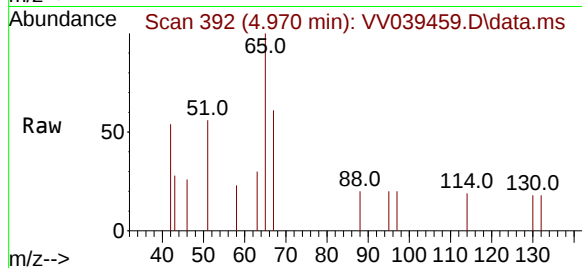




#4
1,2-Dichloroethane-d4
Concen: 0.417 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

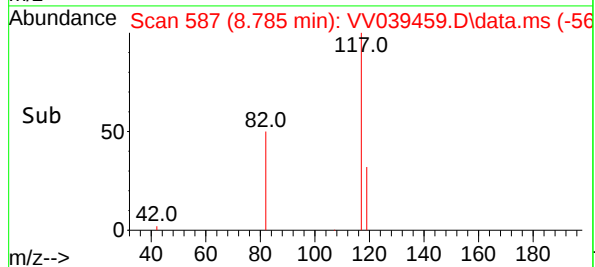
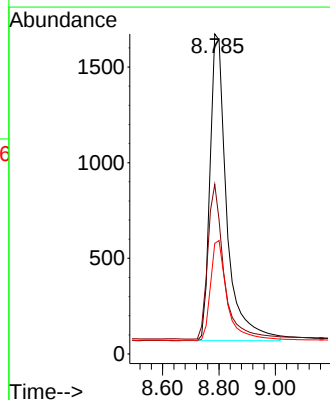
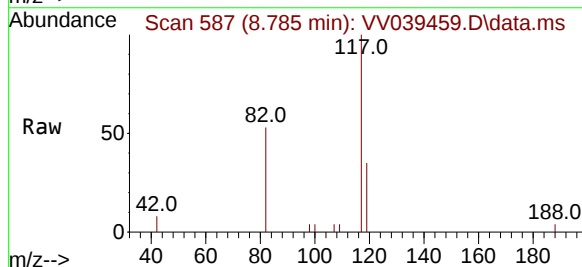
Instrument :
MSVOA_V
ClientSampleId :
VBLK235

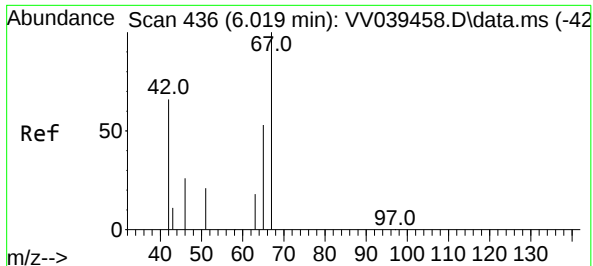
Tgt Ion: 65 Resp: 1966
Ion Ratio Lower Upper
65 100
67 51.6 32.5 60.3
51 39.3 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 117 Resp: 6633
Ion Ratio Lower Upper
117 100
82 48.9 39.4 59.2
119 32.4 26.2 39.2



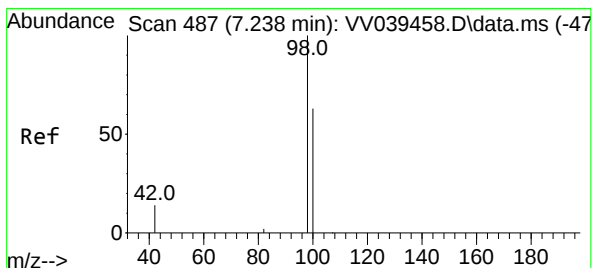
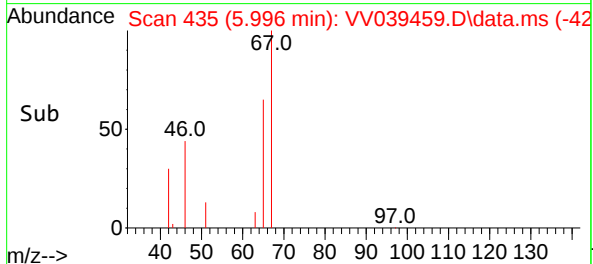
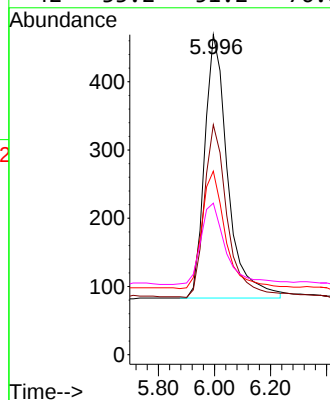
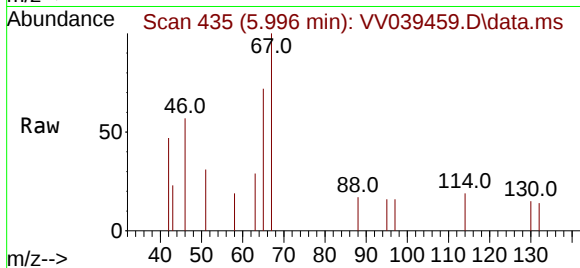


#7
1,2-Dichloropropane-d6
Concen: 0.395 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Instrument :
MSVOA_V
ClientSampleId :
VBLK235

Tgt Ion: 67 Resp: 2213

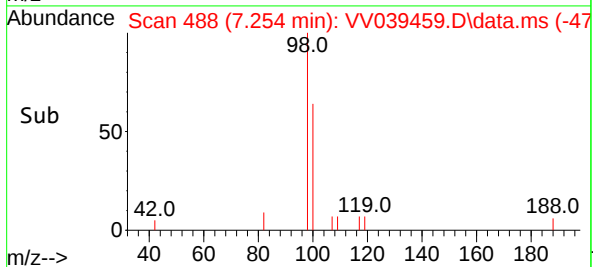
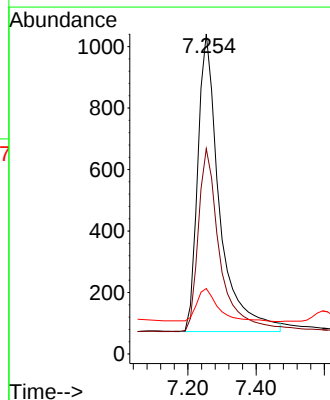
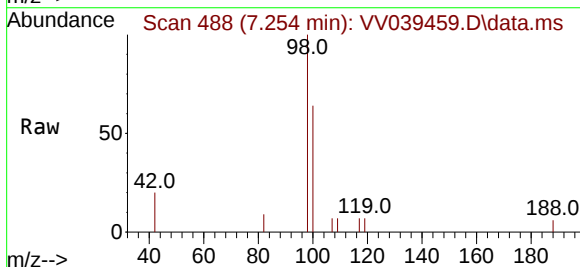
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	45.1	27.4	41.0#
42	33.2	51.2	76.8#

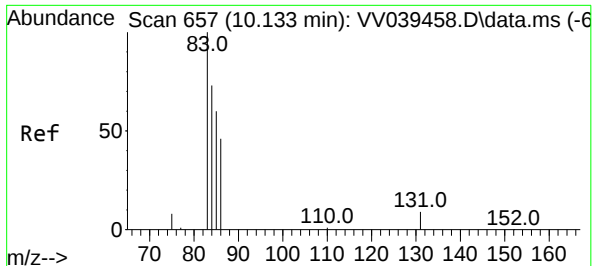


#8
Toluene-d8
Concen: 0.454 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 98 Resp: 4285

Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.498 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039459.D

Acq: 04 Dec 2025 10:15

Instrument :

MSVOA_V

ClientSampleId :

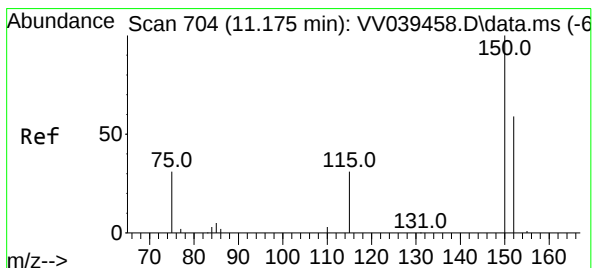
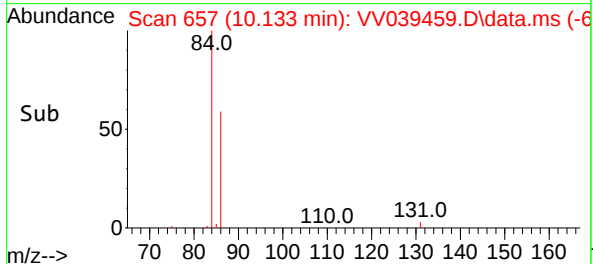
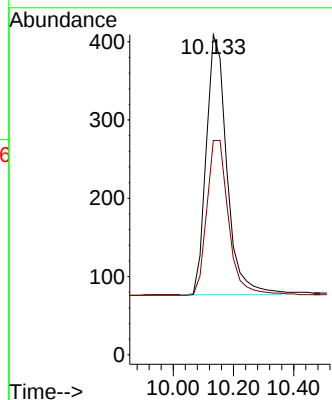
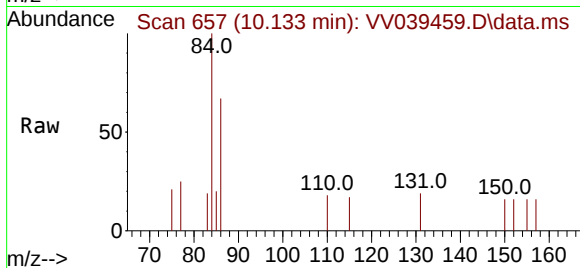
VBLK235

Tgt Ion: 84 Resp: 1572

Ion Ratio Lower Upper

84 100

86 62.9 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 705

Delta R.T. 0.023 min

Lab File: VV039459.D

Acq: 04 Dec 2025 10:15

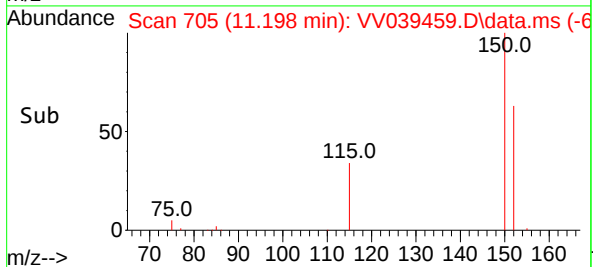
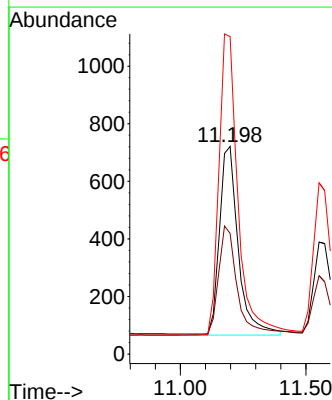
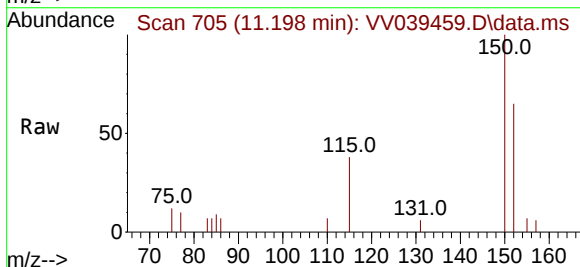
Tgt Ion: 152 Resp: 3409

Ion Ratio Lower Upper

152 100

115 55.1 0.0 101.6

150 160.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039474.D
Acq On : 05 Dec 2025 12:30
Operator : SY/MD
Sample : VV1205WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK236

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Quant Time: Dec 05 22:47:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5971	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5907	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3034	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3423	0.570	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	1812	0.456	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	2120	0.425	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.254	98	4006	0.476	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1520	0.541	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

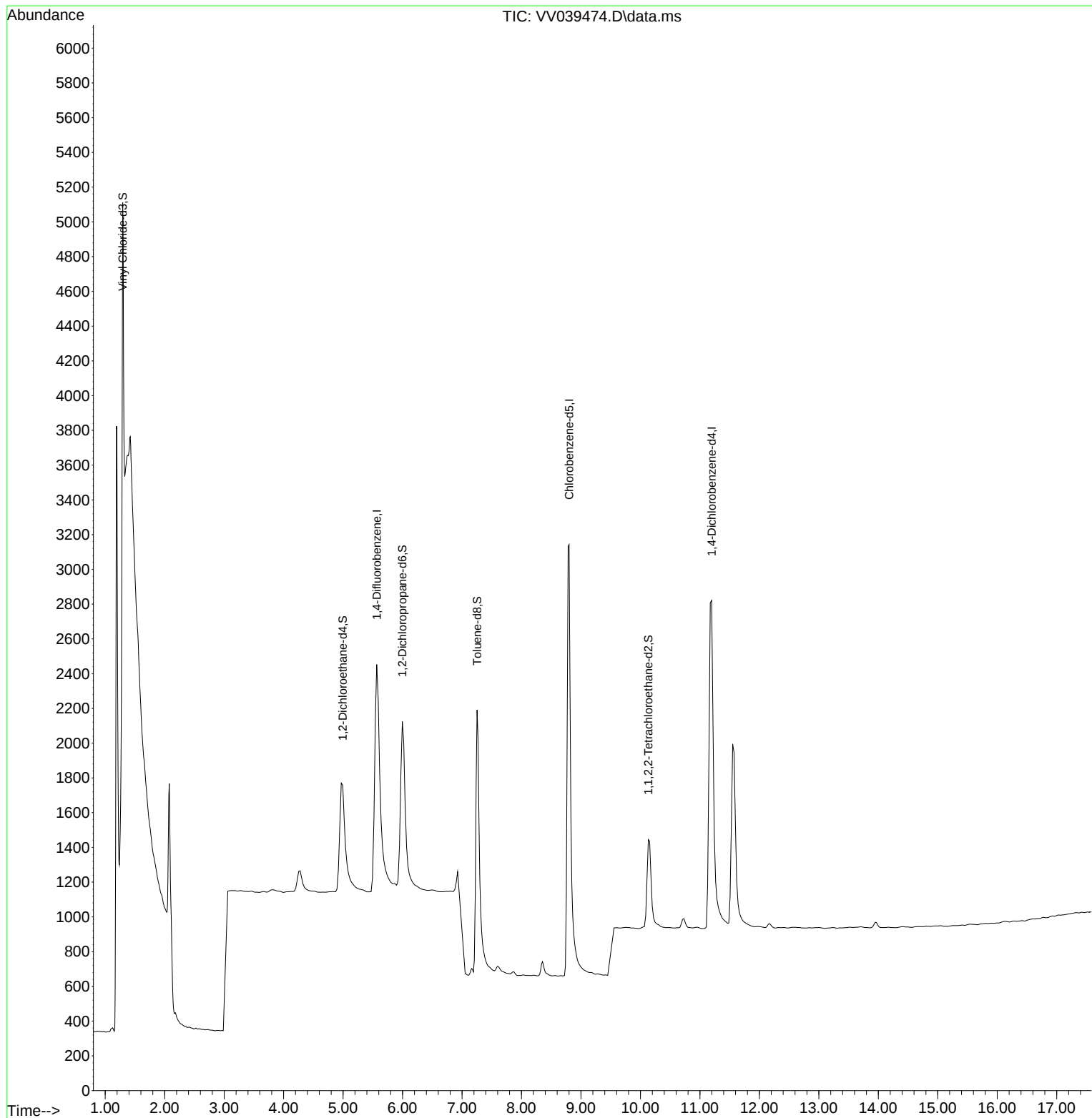
Target Compounds	Qvalue

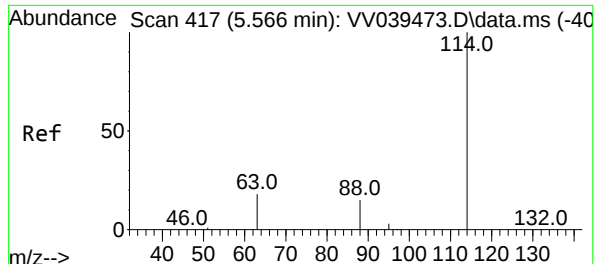
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039474.D
Acq On : 05 Dec 2025 12:30
Operator : SY/MD
Sample : VV1205WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK236

Quant Time: Dec 05 22:47:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration

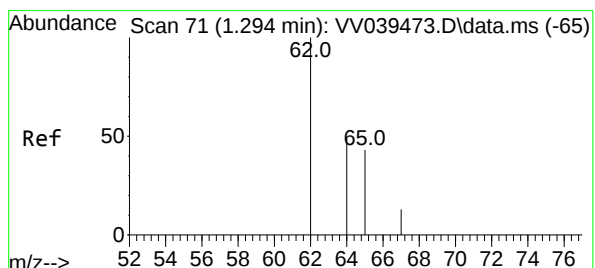
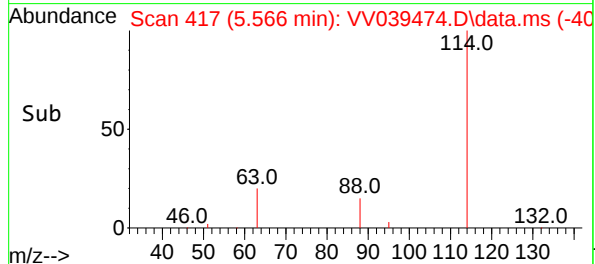
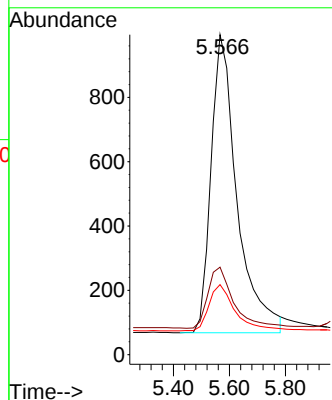
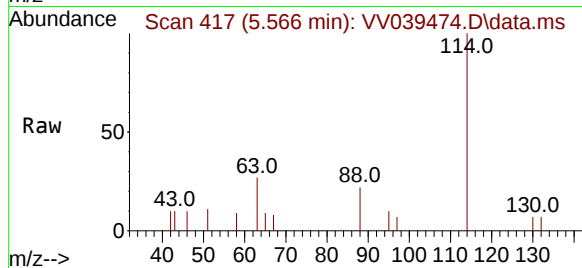




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

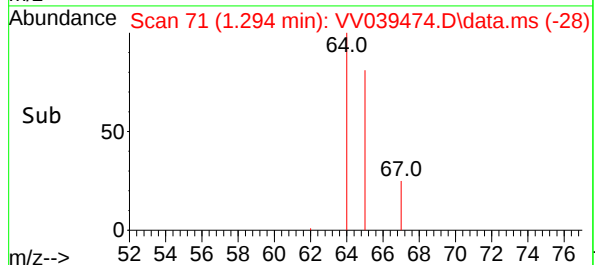
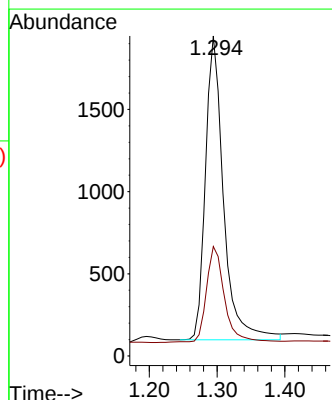
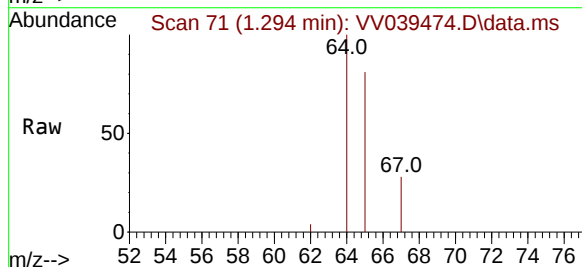
Instrument :
MSVOA_V
ClientSampleId :
VBLK236

Tgt Ion:	114	Resp:	5971
Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.0	22.4
88	15.5	12.0	18.0

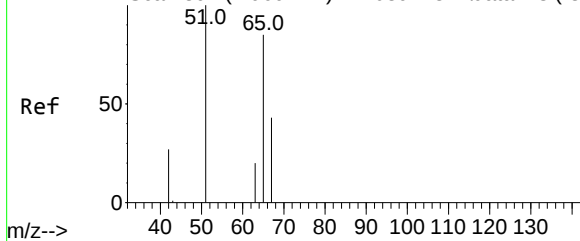


#2
Vinyl Chloride-d3
Concen: 0.570 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

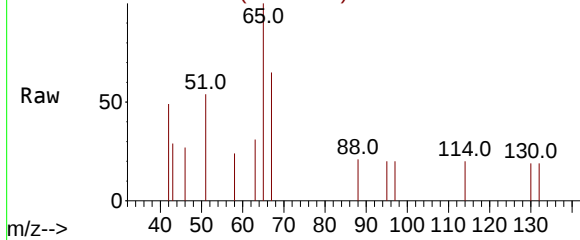
Tgt Ion:	65	Resp:	3423
Ion	Ratio	Lower	Upper
65	100		
67	32.0	22.3	41.5



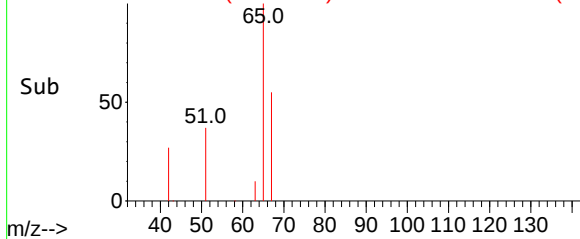
Abundance Scan 392 (4.969 min): VV039473.D\data.ms (-38



Abundance Scan 393 (4.993 min): VV039474.D\data.ms



Abundance Scan 393 (4.993 min): VV039474.D\data.ms (-37



#4

1,2-Dichloroethane-d4

Concen: 0.456 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV039474.D

Acq: 05 Dec 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK236

Tgt Ion: 65 Resp: 1812

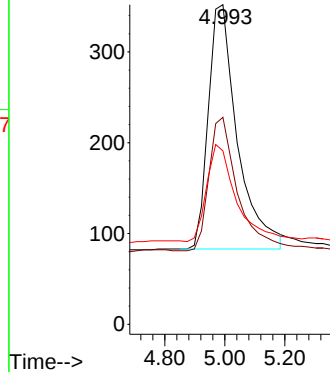
Ion Ratio Lower Upper

65 100

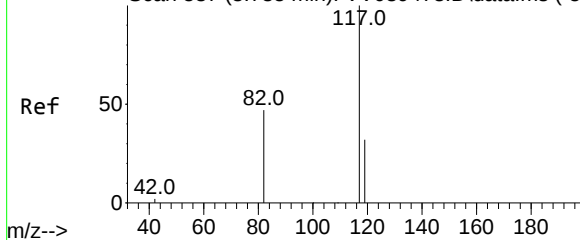
67 53.8 32.5 60.3

51 39.2 121.4 225.6#

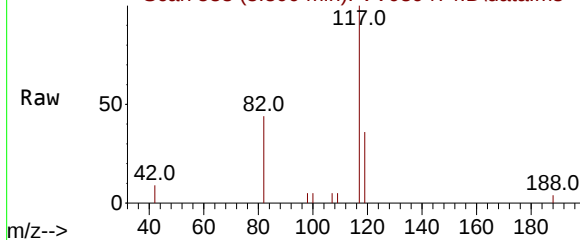
Abundance



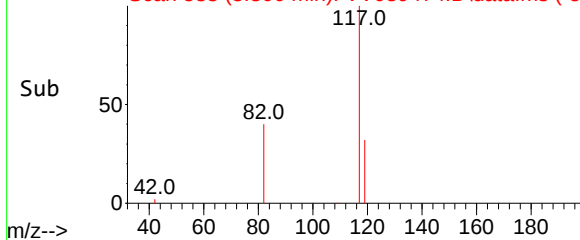
Abundance Scan 587 (8.785 min): VV039473.D\data.ms (-58



Abundance Scan 588 (8.800 min): VV039474.D\data.ms



Abundance Scan 588 (8.800 min): VV039474.D\data.ms (-56



#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 588

Delta R.T. 0.016 min

Lab File: VV039474.D

Acq: 05 Dec 2025 12:30

Tgt Ion: 117 Resp: 5907

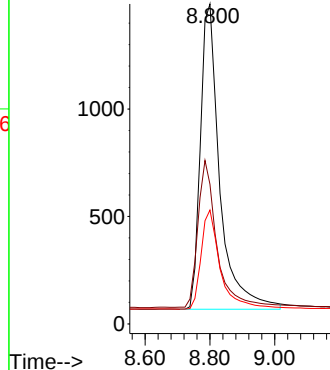
Ion Ratio Lower Upper

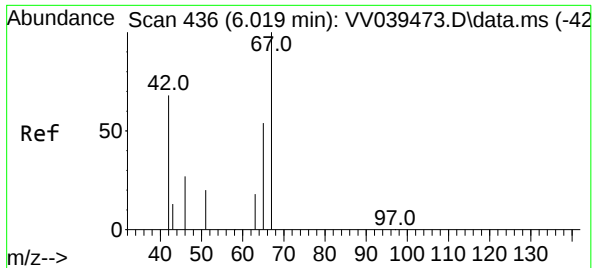
117 100

82 47.1 39.4 59.2

119 32.1 26.2 39.2

Abundance



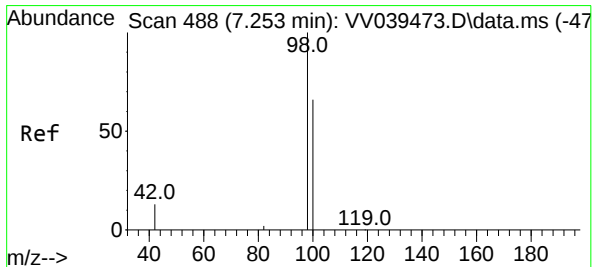
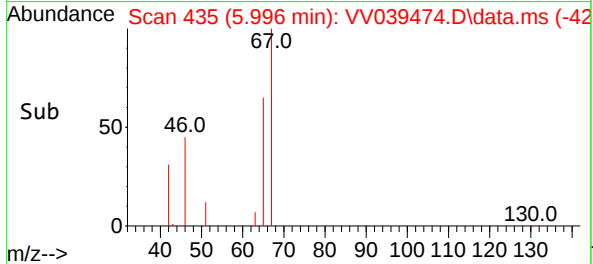
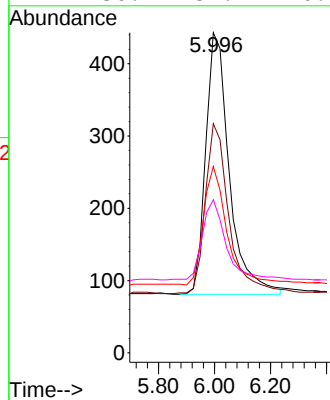
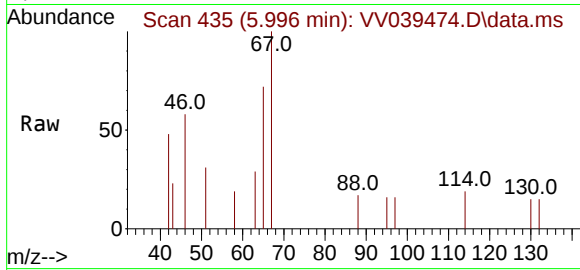


#7
1,2-Dichloropropane-d6
Concen: 0.425 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :
VBLK236

Tgt Ion: 67 Resp: 2120

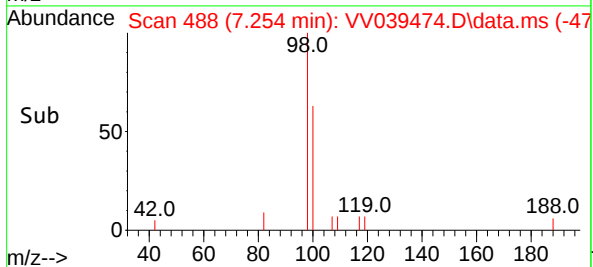
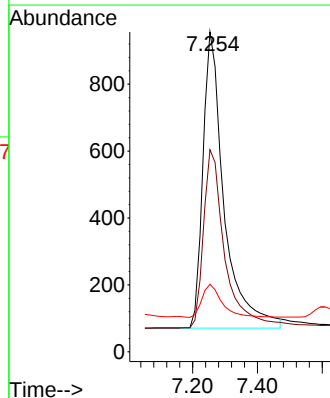
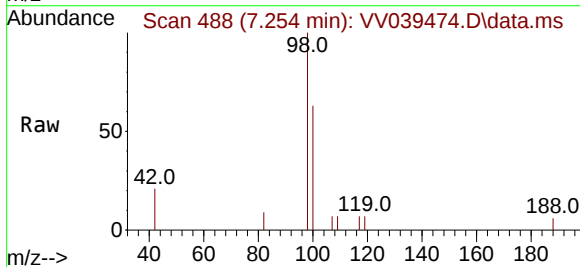
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	44.4	27.4	41.0#
42	30.7	51.2	76.8#

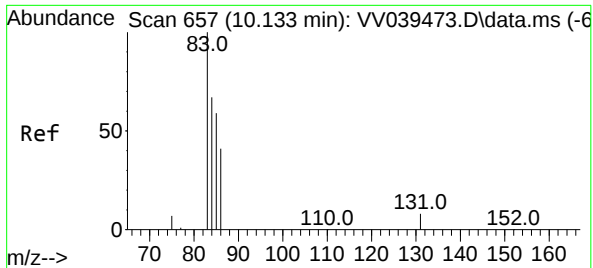


#8
Toluene-d8
Concen: 0.476 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

Tgt Ion: 98 Resp: 4006

Ion	Ratio	Lower	Upper
98	100		
100	60.3	44.5	82.7
42	10.6	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.541 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039474.D

Acq: 05 Dec 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

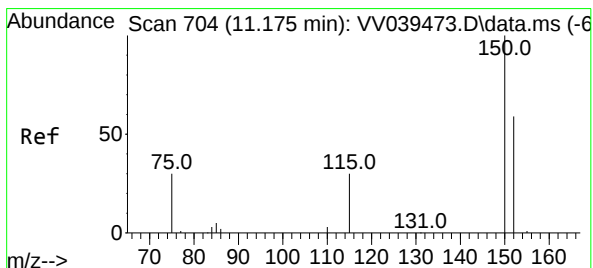
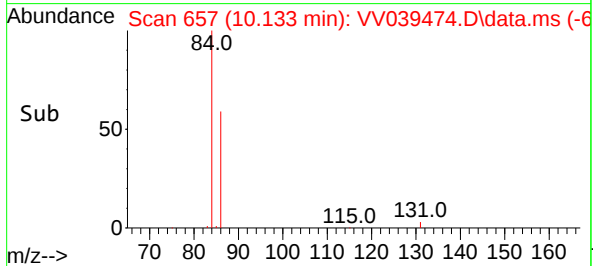
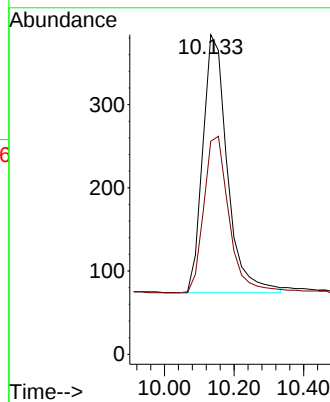
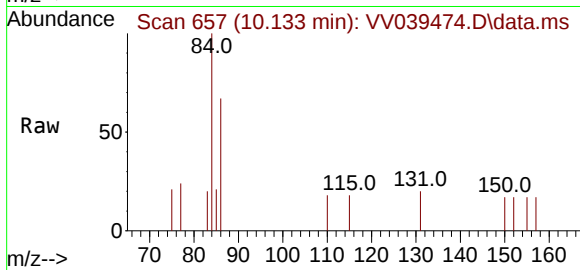
VBLK236

Tgt Ion: 84 Resp: 1520

Ion Ratio Lower Upper

84 100

86 62.5 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039474.D

Acq: 05 Dec 2025 12:30

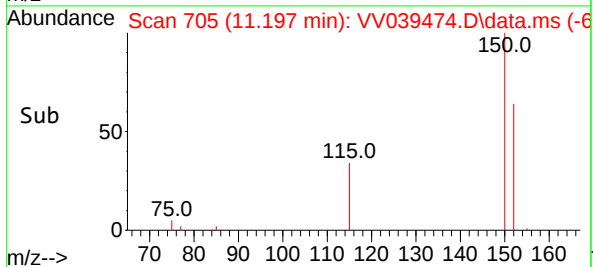
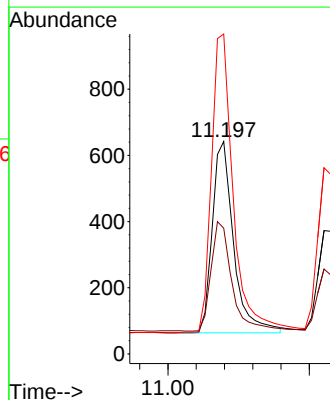
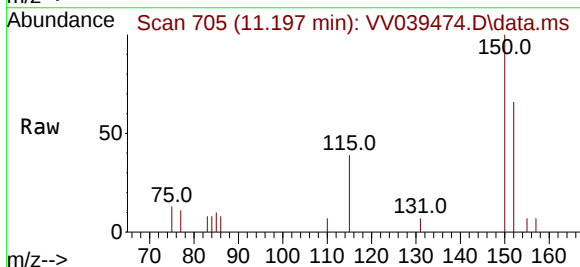
Tgt Ion: 152 Resp: 3034

Ion Ratio Lower Upper

152 100

115 55.8 0.0 101.6

150 158.4 0.0 396.2





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

Manual Integration Report

Sequence:

VV120325

Instrument

MSVOA_v

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	VV120425	Instrument	MSVOA_v
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3756-06	VV039464.D	Vinyl Chloride-d3	JOHN	12/10/2025 9:00:21 AM	MMDadoda	12/10/2025 9:15:11 AM	Peak Integrated by Software
Q3756-08	VV039465.D	Vinyl Chloride-d3	JOHN	12/10/2025 9:00:25 AM	MMDadoda	12/10/2025 9:15:15 AM	Peak Integrated by Software
Q3756-02RE	VV039468.D	Vinyl Chloride-d3	JOHN	12/10/2025 9:00:41 AM	MMDadoda	12/10/2025 9:15:31 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VV120525

Instrument

MSVOA_v

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **MSVOA_V**

Daily Analysis Runlog For Sequence/QCBatch ID # VV120325

Review By	John Carlone	Review On	12/4/2025 8:40:56 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:13:50 PM		
SubDirectory	VV120325	HP Acquire Method	MSVOA_V	HP Processing Method	SFAMVSIM120325MA.M
STD. NAME	STD REF.#				
Tune/Reschk	VP136558				
Initial Calibration Stds	VP136546,VP136547,VP136548,VP136549,VP136550,VP136551,				
CCC	VP136553				
Internal Standard/PEM	VP135611				
ICV/I.BLK	VP136552				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB244	VV039444.D	03 Dec 2025 09:23	SY/MD	Ok
2	VSTD0.0269	VV039445.D	03 Dec 2025 09:55	SY/MD	Ok
3	VSTD0.0570	VV039446.D	03 Dec 2025 10:32	SY/MD	Ok
4	VSTD0.171	VV039447.D	03 Dec 2025 10:58	SY/MD	Ok
5	VSTD0.572	VV039448.D	03 Dec 2025 11:25	SY/MD	Ok
6	VSTD00173	VV039449.D	03 Dec 2025 11:52	SY/MD	Ok
7	VSTD00274	VV039450.D	03 Dec 2025 12:18	SY/MD	Ok
8	VSTDICV0.5	VV039451.D	03 Dec 2025 12:56	SY/MD	Ok
9	VV1203WBL01	VV039452.D	03 Dec 2025 13:50	SY/MD	Ok
10	Q3743-05	VV039453.D	03 Dec 2025 14:42	SY/MD	Ok
11	Q3743-01	VV039454.D	03 Dec 2025 15:03	SY/MD	Ok
12	Q3743-02	VV039455.D	03 Dec 2025 15:24	SY/MD	Ok
13	VSTDCCC0.5EC	VV039456.D	03 Dec 2025 15:59	SY/MD	Ok

M : Manual Integration

Instrument ID: **MSVOA_V**

Daily Analysis Runlog For Sequence/QC Batch ID # VV120425

Review By	John Carlone	Review On	12/5/2025 11:05:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/7/2025 10:23:47 PM		
SubDirectory	VV120425	HP Acquire Method	MSVOA_V	HP Processing Method	SFAMVSIM120325MA.M
STD. NAME	STD REF.#				
Tune/Reschk	VP136559				
Initial Calibration Stds	VP136546,VP136547,VP136548,VP136549,VP136550,VP136551				
CCC	VP136554,VP136555				
Internal Standard/PEM	VP135611				
ICV/I.BLK	VP136552				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB245	VV039457.D	04 Dec 2025 09:08	SY/MD	Ok
2	VSTDCCC0.5	VV039458.D	04 Dec 2025 09:42	SY/MD	Ok
3	VV1204WBL01	VV039459.D	04 Dec 2025 10:15	SY/MD	Ok
4	Q3756-02	VV039460.D	04 Dec 2025 11:17	SY/MD	Ok
5	Q3756-09	VV039461.D	04 Dec 2025 11:39	SY/MD	Ok
6	Q3756-10	VV039462.D	04 Dec 2025 12:00	SY/MD	Ok
7	Q3756-04	VV039463.D	04 Dec 2025 12:21	SY/MD	Not Ok
8	Q3756-06	VV039464.D	04 Dec 2025 12:42	SY/MD	Ok,M
9	Q3756-08	VV039465.D	04 Dec 2025 13:03	SY/MD	Ok,M
10	VIBLK228	VV039466.D	04 Dec 2025 13:40	SY/MD	Ok,M
11	Q3756-04DL	VV039467.D	04 Dec 2025 14:01	SY/MD	Not Ok
12	Q3756-02RE	VV039468.D	04 Dec 2025 15:03	SY/MD	Confirms
13	VIBLK229	VV039469.D	04 Dec 2025 15:24	SY/MD	Ok,M
14	Q3756-12	VV039470.D	04 Dec 2025 15:45	SY/MD	Not Ok
15	VSTDCCC0.5EC	VV039471.D	04 Dec 2025 16:56	SY/MD	Ok

M : Manual Integration

Instrument ID: **MSVOA_V**

Daily Analysis Runlog For Sequence/QCBatch ID # VV120525

Review By	Semsettin Yesilyurt	Review On	12/7/2025 10:27:36 PM		
Supervise By	Mahesh Dadoda	Supervise On	12/8/2025 7:48:16 AM		
SubDirectory	VV120525	HP Acquire Method	MSVOA_V	HP Processing Method	SFAMVSIM120325MA.M
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP136560				
CCC	VP136556,VP136557				
Internal Standard/PEM	VP136511				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB246	VV039472.D	05 Dec 2025 10:46	SY/MD	Ok
2	VSTDCCC0.5	VV039473.D	05 Dec 2025 11:47	SY/MD	Ok
3	VV1205WBL01	VV039474.D	05 Dec 2025 12:30	SY/MD	Ok
4	Q3757-02	VV039475.D	05 Dec 2025 13:16	SY/MD	ReRun
5	Q3757-06	VV039476.D	05 Dec 2025 13:37	SY/MD	ReRun
6	Q3757-08	VV039477.D	05 Dec 2025 14:16	SY/MD	Ok
7	Q3757-12	VV039478.D	05 Dec 2025 14:37	SY/MD	Ok
8	Q3757-04	VV039479.D	05 Dec 2025 14:59	SY/MD	Not Ok
9	VIBLK230	VV039480.D	05 Dec 2025 15:20	SY/MD	Ok
10	Q3757-10	VV039481.D	05 Dec 2025 15:47	SY/MD	Ok
11	Q3743-05	VV039482.D	05 Dec 2025 16:08	SY/MD	Not Ok
12	Q3756-12	VV039483.D	05 Dec 2025 16:29	SY/MD	Ok
13	VSTDCCC0.5EC	VV039484.D	05 Dec 2025 16:50	SY/MD	Ok

M : Manual Integration

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV120325

Review By	John Carlone	Review On	12/4/2025 8:40:56 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:13:50 PM
SubDirectory	VV120325	HP Acquire Method	MSVOA_V
		HP Processing Method	SFAMVSIM120325MA.M

STD. NAME	STD REF.#
Tune/Reschk	VP136558
Initial Calibration Stds	VP136546,VP136547,VP136548,VP136549,VP136550,VP136551,
CCC	VP136553
Internal Standard/PEM	VP135611
ICV/I.BLK	VP136552
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB244	BFB244	VV039444.D	03 Dec 2025 09:23		SY/MD	Ok
2	VSTD0.0269	VSTD0.02269	VV039445.D	03 Dec 2025 09:55	added NEW-low level	SY/MD	Ok
3	VSTD0.0570	VSTD0.05270	VV039446.D	03 Dec 2025 10:32		SY/MD	Ok
4	VSTD0.171	VSTD0.1271	VV039447.D	03 Dec 2025 10:58	SFAM -sim-method	SY/MD	Ok
5	VSTD0.572	VSTD0.5272	VV039448.D	03 Dec 2025 11:25	Modified for analyte-1122-tetrachloroethane	SY/MD	Ok
6	VSTD00173	VSTD001273	VV039449.D	03 Dec 2025 11:52	pH#lot#v14222	SY/MD	Ok
7	VSTD00274	VSTD002274	VV039450.D	03 Dec 2025 12:18		SY/MD	Ok
8	VSTDICV0.5	VICV275	VV039451.D	03 Dec 2025 12:56		SY/MD	Ok
9	VV1203WBL01	VBLK234	VV039452.D	03 Dec 2025 13:50		SY/MD	Ok
10	Q3743-05	TB	VV039453.D	03 Dec 2025 14:42	pH#1.0 B,TB	SY/MD	Ok
11	Q3743-01	TW-1125-1	VV039454.D	03 Dec 2025 15:03	pH#1.0 C	SY/MD	Ok
12	Q3743-02	TW-1125-2	VV039455.D	03 Dec 2025 15:24	pH#1.0 C	SY/MD	Ok
13	VSTDCCC0.5EC	VSTD0.5332	VV039456.D	03 Dec 2025 15:59		SY/MD	Ok

M : Manual Integration

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV120425

Review By	John Carlone	Review On	12/5/2025 11:05:05 AM
Supervise By	Semsettin Yesilyurt	Supervise On	12/7/2025 10:23:47 PM
SubDirectory	VV120425	HP Acquire Method	MSVOA_V
		HP Processing Method	SFAMVSIM120325MA.M

STD. NAME	STD REF.#
Tune/Reschk	VP136559
Initial Calibration Stds	VP136546,VP136547,VP136548,VP136549,VP136550,VP136551
CCC	VP136554,VP136555
Internal Standard/PEM	VP135611
ICV/I.BLK	VP136552
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB245	BFB245	VV039457.D	04 Dec 2025 09:08		SY/MD	Ok
2	VSTDCCC0.5	VSTD0.5333	VV039458.D	04 Dec 2025 09:42	pH#lot#v14222	SY/MD	Ok
3	VV1204WBL01	VBLK235	VV039459.D	04 Dec 2025 10:15		SY/MD	Ok
4	Q3756-02	OW-04B-26.5-120225-S	VV039460.D	04 Dec 2025 11:17	pH#1.0 A, Surrogate Fail	SY/MD	Ok
5	Q3756-09	EB01-120225	VV039461.D	04 Dec 2025 11:39	pH#1.0 A ,EB	SY/MD	Ok
6	Q3756-10	TB01-120225	VV039462.D	04 Dec 2025 12:00	pH#1.0 A ,TB	SY/MD	Ok
7	Q3756-04	BR-01-190-120225-SIM	VV039463.D	04 Dec 2025 12:21	pH#1.0 A ,Surrogate Fail;Need 20X, No need SIM analysis	SY/MD	Not Ok
8	Q3756-06	MW-04-12-120225-SIM	VV039464.D	04 Dec 2025 12:42	pH#1.0 A	SY/MD	Ok,M
9	Q3756-08	MW-13B-47.5-120225-S	VV039465.D	04 Dec 2025 13:03	pH#1.0 A	SY/MD	Ok,M
10	VIBLK228	VIBLK228	VV039466.D	04 Dec 2025 13:40		SY/MD	Ok,M
11	Q3756-04DL	BR-01-190-120225-SIM	VV039467.D	04 Dec 2025 14:01	pH#1.0 B	SY/MD	Not Ok
12	Q3756-02RE	OW-04B-26.5-120225-S	VV039468.D	04 Dec 2025 15:03	Surrogate fail, Internal Standard Fail	SY/MD	Confirms
13	VIBLK229	VIBLK229	VV039469.D	04 Dec 2025 15:24		SY/MD	Ok,M
14	Q3756-12	VHBLK001	VV039470.D	04 Dec 2025 15:45	SB;Surrogate Fail	SY/MD	Not Ok
15	VSTDCCC0.5EC	VSTD0.5334	VV039471.D	04 Dec 2025 16:56		SY/MD	Ok

M : Manual Integration

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV120525

Review By	Semsettin Yesilyurt	Review On	12/7/2025 10:27:36 PM
Supervise By	Maresh Dadoda	Supervise On	12/8/2025 7:48:16 AM
SubDirectory	VV120525	HP Acquire Method	MSVOA_V
		HP Processing Method	SFAMVSIM120325MA.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP136560
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136556,VP136557 VP136511

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB246	BFB246	VV039472.D	05 Dec 2025 10:46		SY/MD	Ok
2	VSTDCCC0.5	VSTD0.5335	VV039473.D	05 Dec 2025 11:47		SY/MD	Ok
3	VV1205WBL01	VBLK236	VV039474.D	05 Dec 2025 12:30		SY/MD	Ok
4	Q3757-02	MW-14A-17.5-120325-SI	VV039475.D	05 Dec 2025 13:16	Surrogate Fail	SY/MD	ReRun
5	Q3757-06	MW-14B-46-120325-SI	VV039476.D	05 Dec 2025 13:37	Surrogate Fail;Internal Standard Fail	SY/MD	ReRun
6	Q3757-08	RMW-05B-90.5-120325-SI	VV039477.D	05 Dec 2025 14:16	pH#1.0 A	SY/MD	Ok
7	Q3757-12	TB01-120325	VV039478.D	05 Dec 2025 14:37	TB	SY/MD	Ok
8	Q3757-04	BR-03D-490-120325-SI	VV039479.D	05 Dec 2025 14:59	Sim analysis not required	SY/MD	Not Ok
9	VIBLK230	VIBLK230	VV039480.D	05 Dec 2025 15:20		SY/MD	Ok
10	Q3757-10	OW-05B-72-120325-SI	VV039481.D	05 Dec 2025 15:47	pH#1.0 A	SY/MD	Ok
11	Q3743-05	TB	VV039482.D	05 Dec 2025 16:08	Already analyzed	SY/MD	Not Ok
12	Q3756-12	VHBLK001	VV039483.D	05 Dec 2025 16:29	SB	SY/MD	Ok
13	VSTDCCC0.5EC	VSTD0.5336	VV039484.D	05 Dec 2025 16:50		SY/MD	Ok

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3756	OrderDate:	12/3/2025 9:25:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3756-01	OW-04B-26.5-120225	Water	VOCMS Group3	8260-Low	12/02/25		12/04/25	12/02/25
Q3756-02	OW-04B-26.5-120225 -SIM	Water	VOC-SIM	SFAM_VOCSI M	12/02/25		12/04/25	12/02/25
Q3756-02RE	OW-04B-26.5-120225 -SIMRE	Water	VOC-SIM	SFAM_VOCSI M	12/02/25		12/04/25	12/02/25
Q3756-03	BR-01-190-120225	Water	VOCMS Group3	8260-Low	12/02/25		12/04/25	12/02/25
Q3756-05	MW-04-12-120225	Water	VOCMS Group3	8260-Low	12/02/25		12/04/25	12/02/25
Q3756-06	MW-04-12-120225-SI M	Water	VOC-SIM	SFAM_VOCSI M	12/02/25		12/04/25	12/02/25
Q3756-07	MW-13B-47.5-120225	Water	VOCMS Group3	8260-Low	12/02/25		12/04/25	12/02/25
Q3756-08	MW-13B-47.5-120225 -SIM	Water	VOC-SIM	SFAM_VOCSI M	12/02/25		12/04/25	12/02/25
Q3756-09	EB01-120225	Water	VOCMS Group3	8260-Low	12/02/25		12/03/25	12/02/25

LAB CHRONICLE

			VOC-SIM	SFAM_VOCSI M	12/04/25	
Q3756-10	TB01-120225	Water			12/02/25	12/02/25
			VOCMS Group3	8260-Low	12/03/25	
			VOC-SIM	SFAM_VOCSI M	12/04/25	
Q3756-10RE	TB01-120225RE	Water			12/02/25	12/02/25
			VOCMS Group3	8260-Low	12/03/25	
Q3756-12	VHBLK001	Water			12/02/25	12/02/25
			VOC-SIM	SFAM_VOCSI M	12/05/25	