



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

Hit Summary Sheet
SW-846

SDG No.: Q3757

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	RMW-05B-90.5-120325-SIM							
Q3757-08	RMW-05B-90.5-120325-SIM	Water	Vinyl chloride	0.12		0.020	0.020	ug/L
			Total Voc :	0.12				
			Total Concentration:	0.12				



SAMPLE DATA



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-14A-17.5-120325-SIM
Lab Sample ID: Q3757-02
Analytical Method: Level:
Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
Date Received: 12/03/25
SDG No.: Q3757
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	12/09/25 15:00	VV120925
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.53			40 - 130	105%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.41			70 - 130	81.8%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.39			60 - 140	78.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.46			70 - 130	91.2%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.51			65 - 120	102.8%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	7170							
540-36-3	1,4-Difluorobenzene	7770							
3855-82-1	1,4-Dichlorobenzene-d4	3770							

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: MW-14B-46-120325-SIM
 Lab Sample ID: Q3757-06
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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	12/09/25 15:21	VV120925
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.52			40 - 130	103.4%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.41			70 - 130	81%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.38			60 - 140	76.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.43			70 - 130	86.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.50			65 - 120	99%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	7410							
540-36-3	1,4-Difluorobenzene	7740							
3855-82-1	1,4-Dichlorobenzene-d4	3980							

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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: RMW-05B-90.5-120325-SI
 Lab Sample ID: Q3757-08
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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	0.12		1	0.020	0.020	ug/L	12/05/25 14:16	VV120525
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.51			40 - 130	102.4%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.41			70 - 130	81.8%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.38			60 - 140	75.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.42			70 - 130	84.8%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.51			65 - 120	102.6%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5570							
540-36-3	1,4-Difluorobenzene	6010							
3855-82-1	1,4-Dichlorobenzene-d4	2840							

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* = Values outside of QC limits

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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: OW-05B-72-120325-SIM
 Lab Sample ID: Q3757-10
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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 15:47	VV120525
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.57			40 - 130	113.2%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.48			70 - 130	95.4%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.39			60 - 140	78.4%	SPK: 0.5		
2037-26-5	Toluene-d8	0.44			70 - 130	88.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.51			65 - 120	101.4%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5840							
540-36-3	1,4-Difluorobenzene	6090							
3855-82-1	1,4-Dichlorobenzene-d4	3050							

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J = Estimated Value

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D = Dilution

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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: EB01-120325
 Lab Sample ID: Q3757-11
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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	12/09/25 15:42	VV120925
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.57			40 - 130	114.2%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.44			70 - 130	88%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.41			60 - 140	81.4%	SPK: 0.5		
2037-26-5	Toluene-d8	0.45			70 - 130	90.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.53			65 - 120	105.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	7250							
540-36-3	1,4-Difluorobenzene	7360							
3855-82-1	1,4-Dichlorobenzene-d4	3880							

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LOD = Limit of Detection

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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: TB01-120325
 Lab Sample ID: Q3757-12
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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 14:37	VV120525
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.59			40 - 130	118.4%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.43			70 - 130	86.6%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.40			60 - 140	79.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.44			70 - 130	87%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.50			65 - 120	100%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6640							
540-36-3	1,4-Difluorobenzene	6680							
3855-82-1	1,4-Dichlorobenzene-d4	3360							

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LOD = Limit of Detection

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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: Q3757-14
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/03/25
 Date Received: 12/03/25
 SDG No.: Q3757
 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	12/09/25 18:51	VV120925
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.58			40 - 130	116.2%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.49			70 - 130	97.4%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.44			60 - 140	88.2%	SPK: 0.5		
2037-26-5	Toluene-d8	0.48			70 - 130	96.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.57			65 - 120	114.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5540							
540-36-3	1,4-Difluorobenzene	5510							
3855-82-1	1,4-Dichlorobenzene-d4	2900							

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

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

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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.: Q3757

Client: JACOBS Engineering Group, Inc.

Analytical Method: SWSFAM_VOCSIM

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3757-02	MW-14A-17.5-120325-SIM	Vinyl chloride-d3	0.5	0.53	105		40	130
		1,2-Dichloroethane-d4	0.5	0.41	82		70	130
		1,2-Dichloropropane-d6	0.5	0.39	79		60	140
		Toluene-d8	0.5	0.46	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	103		65	120
Q3757-06	MW-14B-46-120325-SIM	Vinyl chloride-d3	0.5	0.52	103		40	130
		1,2-Dichloroethane-d4	0.5	0.41	81		70	130
		1,2-Dichloropropane-d6	0.5	0.38	77		60	140
		Toluene-d8	0.5	0.43	87		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.50	99		65	120
Q3757-08	RMW-05B-90.5-120325-SIM	Vinyl chloride-d3	0.5	0.51	102		40	130
		1,2-Dichloroethane-d4	0.5	0.41	82		70	130
		1,2-Dichloropropane-d6	0.5	0.38	76		60	140
		Toluene-d8	0.5	0.42	85		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	103		65	120
Q3757-10	OW-05B-72-120325-SIM	Vinyl chloride-d3	0.5	0.57	113		40	130
		1,2-Dichloroethane-d4	0.5	0.48	95		70	130
		1,2-Dichloropropane-d6	0.5	0.39	78		60	140
		Toluene-d8	0.5	0.44	89		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	101		65	120
Q3757-11	EB01-120325	Vinyl chloride-d3	0.5	0.57	114		40	130
		1,2-Dichloroethane-d4	0.5	0.44	88		70	130
		1,2-Dichloropropane-d6	0.5	0.41	81		60	140
		Toluene-d8	0.5	0.45	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.53	105		65	120
Q3757-12	TB01-120325	Vinyl chloride-d3	0.5	0.59	118		40	130
		1,2-Dichloroethane-d4	0.5	0.43	87		70	130
		1,2-Dichloropropane-d6	0.5	0.40	80		60	140
		Toluene-d8	0.5	0.44	87		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.50	100		65	120
Q3757-14	VHBLK001	Vinyl chloride-d3	0.5	0.58	116		40	130
		1,2-Dichloroethane-d4	0.5	0.49	97		70	130
		1,2-Dichloropropane-d6	0.5	0.44	88		60	140
		Toluene-d8	0.5	0.48	96		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.57	114		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
VV1209WBL01	VBLK238	Vinyl chloride-d3	0.5	0.57	113		40	130
		1,2-Dichloroethane-d4	0.5	0.44	87		70	130
		1,2-Dichloropropane-d6	0.5	0.42	83		60	140
		Toluene-d8	0.5	0.47	95		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	101		65	120

VOLATILE METHOD BLANK SUMMARY

Client ID

VBLK236

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3757

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
RMW-05B-90.5-120325-SIM	Q3757-08	VV039477.D	12/05/2025
TB01-120325	Q3757-12	VV039478.D	12/05/2025
OW-05B-72-120325-SIM	Q3757-10	VV039481.D	12/05/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VBLK238

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3757

Lab File ID: VV039502.D

Lab Sample ID: VV1209WBL01

Date Analyzed: 12/09/2025

Time Analyzed: 14:29

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
MW-14A-17.5-120325-SIM	Q3757-02	VV039503.D	12/09/2025
MW-14B-46-120325-SIM	Q3757-06	VV039504.D	12/09/2025
EB01-120325	Q3757-11	VV039505.D	12/09/2025
VHBLK001	Q3757-14	VV039514.D	12/09/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3757

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
Lab Code: ACE
Lab File ID: VV039472.D
Instrument ID: MSVOA_V
GC Column: DB-624UI ID: 0.18 (mm)

Contract: JACO05
SDG NO.: Q3757
BFB Injection Date: 12/05/2025
BFB Injection Time: 10:46
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
RMW-05B-90.5-120325-SIM	Q3757-08	VV039477.D	12/05/2025	14:16
TB01-120325	Q3757-12	VV039478.D	12/05/2025	14:37
OW-05B-72-120325-SIM	Q3757-10	VV039481.D	12/05/2025	15:47
VSTD0.5336	VSTDCCC0.5EC	VV039484.D	12/05/2025	16:50

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3757

Lab File ID: VV039500.D

BFB Injection Date: 12/09/2025

Instrument ID: MSVOA_V

BFB Injection Time: 12:56

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	19.7
75	30.0 - 60.0% of mass 95	51.3
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	95
175	5.0 - 9.0% of mass 174	7.4 (7.8) 1
176	95.0 - 101.0% of mass 174	93 (97.8) 1
177	5.0 - 9.0% of mass 176	6.5 (7) 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
VSTD0.5339	VSTDCCC0.5	VV039501.D	12/09/2025	13:58
VBLK238	VV1209WBL01	VV039502.D	12/09/2025	14:29
MW-14A-17.5-120325-SIM	Q3757-02	VV039503.D	12/09/2025	15:00
MW-14B-46-120325-SIM	Q3757-06	VV039504.D	12/09/2025	15:21
EB01-120325	Q3757-11	VV039505.D	12/09/2025	15:42
VHBLK001	Q3757-14	VV039514.D	12/09/2025	18:51
VSTD0.5340	VSTDCCC0.5EC	VV039515.D	12/09/2025	19:12

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
Lab Code: ACE SDG NO.: Q3757
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.						
RMW-05B-90.5-120325-SIM	6011	5.57	5568	8.80	2844	11.20
OW-05B-72-120325-SIM	6092	5.57	5835	8.80	3054	11.20
TB01-120325	6676	5.57	6644	8.80	3356	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG NO.: Q3757
 Lab File ID: VV039501.D Date Analyzed: 12/09/2025
 Instrument ID: MSVOA_V Time Analyzed: 13:58
 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	7231	5.57	7043	8.79	3954	11.18
UPPER LIMIT	14462	5.736	14086	8.955	7908	11.345
LOWER LIMIT	3615.5	5.396	3521.5	8.615	1977	11.005
EPA SAMPLE NO.						
MW-14A-17.5-120325-SIM	7765	5.57	7166	8.79	3774	11.18
MW-14B-46-120325-SIM	7740	5.57	7407	8.80	3976	11.18
EB01-120325	7363	5.57	7248	8.80	3880	11.18
VHBLK001	5508	5.57	5536	8.80	2897	11.20
VBLK238	6387	5.57	5976	8.80	3086	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: VBLK236
 Lab Sample ID: VV1205WBL01
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected:
 Date Received:
 SDG No.: Q3757
 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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VBLK238
 Lab Sample ID: VV1209WBL01
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected:
 Date Received:
 SDG No.: Q3757
 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	12/09/25 14:29	VV120925
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.57			40 - 130	113.2%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.44			70 - 130	87%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	83%	SPK: 0.5		
2037-26-5	Toluene-d8	0.47			70 - 130	94.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.51			65 - 120	101.2%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5980							
540-36-3	1,4-Difluorobenzene	6390							
3855-82-1	1,4-Dichlorobenzene-d4	3090							

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.: Q3757
 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>Q3757</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>Q3757</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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3757</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/09/2025</u> <u>13:58</u>
Lab File ID:	<u>VV039501.D</u>	Init. Calib. Date(s):	<u>12/03/2025</u> <u>12/03/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:55</u> <u>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	0.964	0.01	-10.9	30
Vinyl Chloride-d3	0.491	0.543	0.01	10.5	30
1,2-Dichloroethane-d4	0.333	0.310	0.01	-7	25
1,2-Dichloropropane-d6	0.422	0.429	0.1	1.6	20
Toluene-d8	0.712	0.699	0.2	-1.7	20
1,1,2,2-Tetrachloroethane-d2	0.238	0.243	0.01	2.1	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>Q3757</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/09/2025 19:12</u>
Lab File ID:	<u>VV039515.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	1.118	0.01	3.3	50
Vinyl Chloride-d3	0.491	0.568	0.01	15.6	50
1,2-Dichloroethane-d4	0.333	0.332	0.01	-0.2	50
1,2-Dichloropropane-d6	0.422	0.451	0.1	7	50
Toluene-d8	0.712	0.694	0.2	-2.4	50
1,1,2,2-Tetrachloroethane-d2	0.238	0.267	0.01	12.4	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\VV120925\
 Data File : VV039503.D
 Acq On : 09 Dec 2025 15:00
 Operator : SY/MD
 Sample : Q3757-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14A-17.5-120325-SIM

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 10 01:16:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7765	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7166	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3774	0.500	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	4004	0.525	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.000%
4) 1,2-Dichloroethane-d4	4.970	65	2117	0.409	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.000%
7) 1,2-Dichloropropane-d6	5.996	67	2385	0.394	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	78.000%
8) Toluene-d8	7.254	98	4648	0.456	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1751	0.514	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

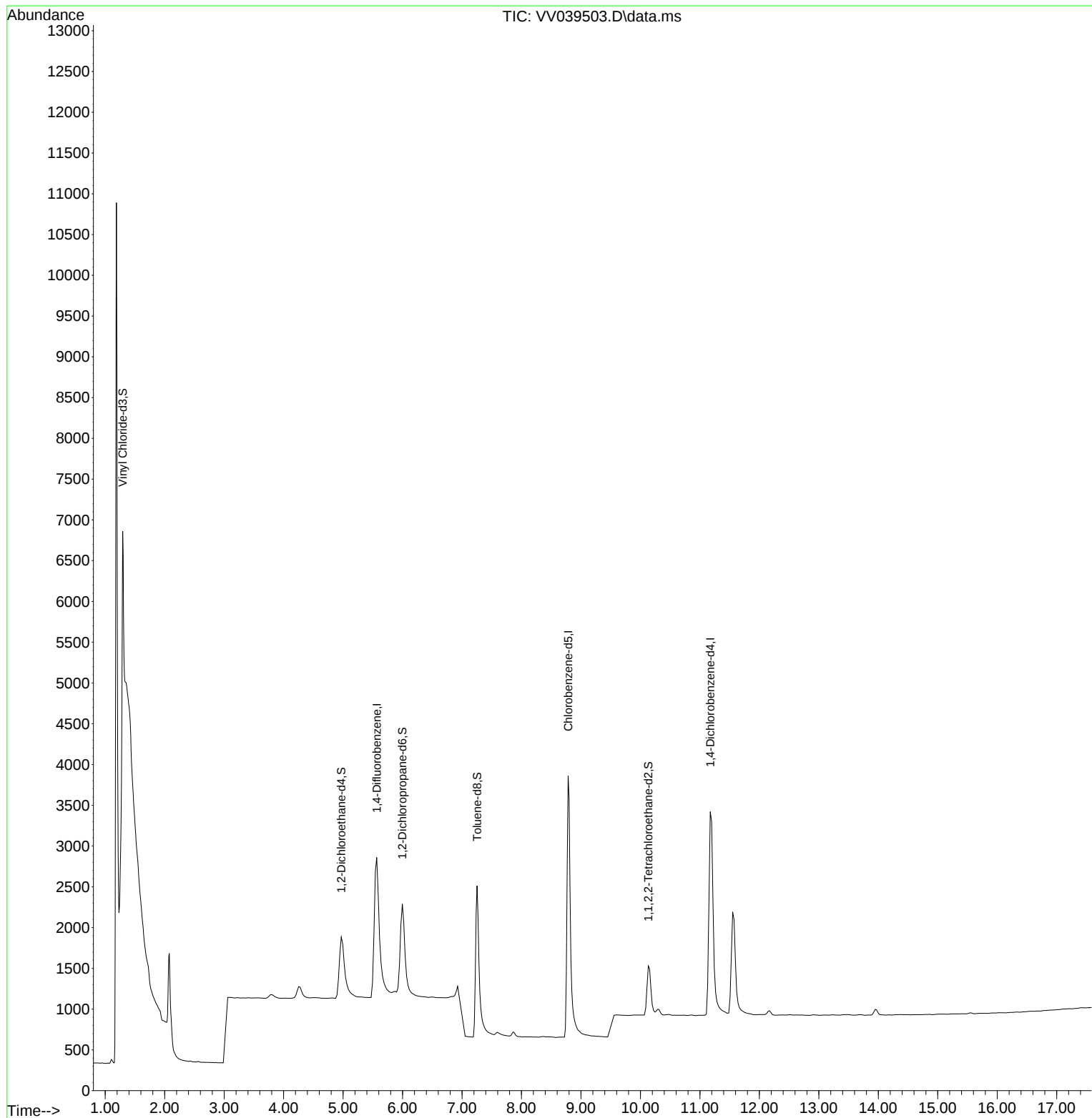
Target Compounds	Qvalue

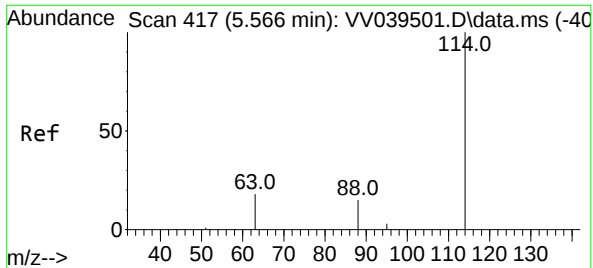
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039503.D
Acq On : 09 Dec 2025 15:00
Operator : SY/MD
Sample : Q3757-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

Quant Time: Dec 10 01:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration

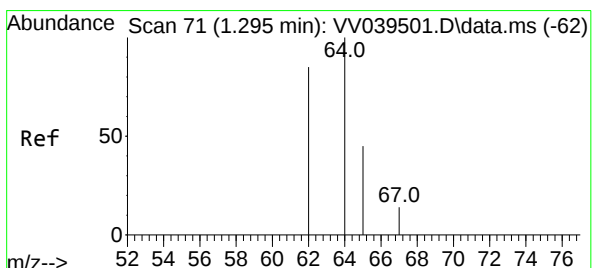
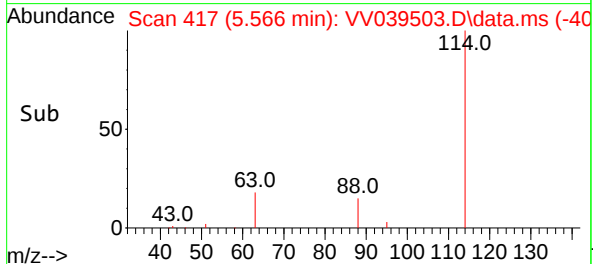
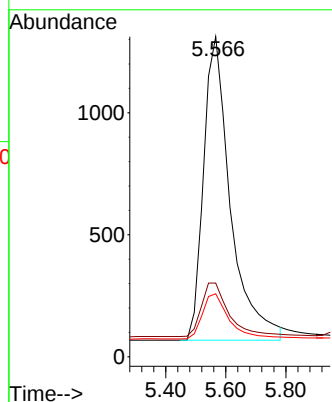
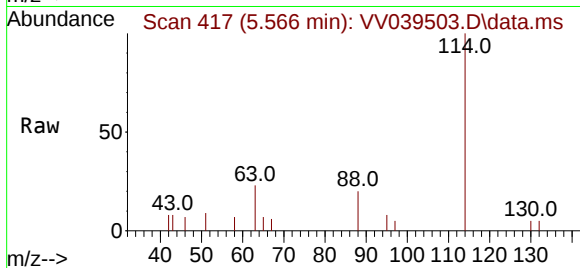




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

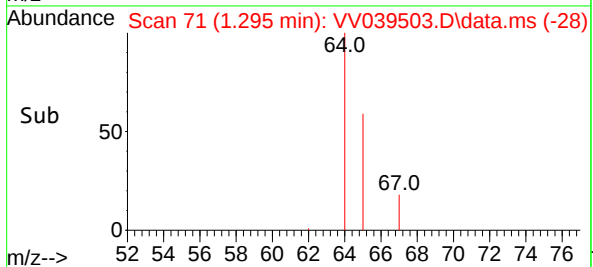
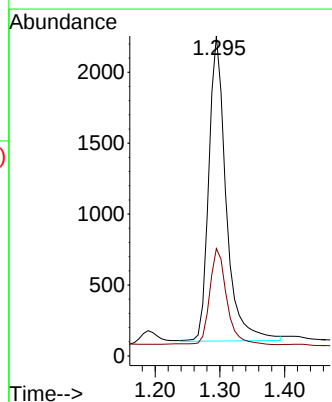
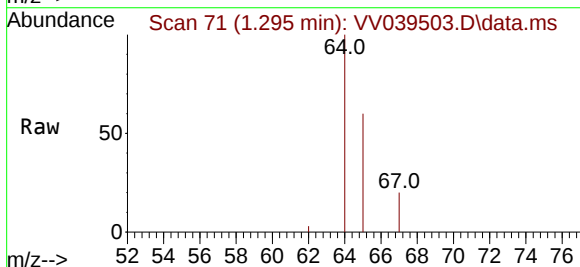
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

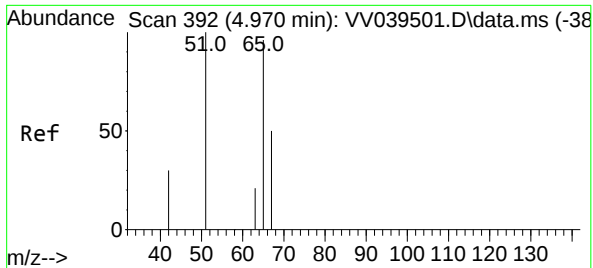
Tgt Ion:	114	Resp:	7765
Ion	Ratio	Lower	Upper
114	100		
63	18.0	15.0	22.4
88	14.8	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.525 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

Tgt Ion:	65	Resp:	4004
Ion	Ratio	Lower	Upper
65	100		
67	30.8	22.3	41.5

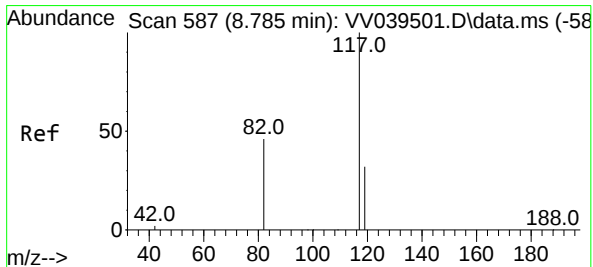
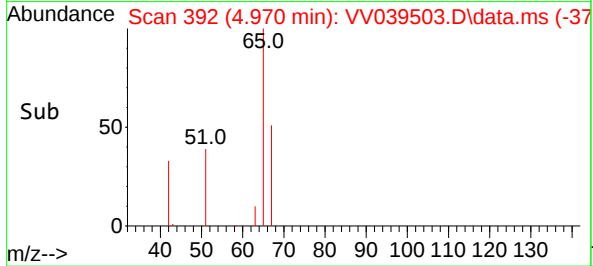
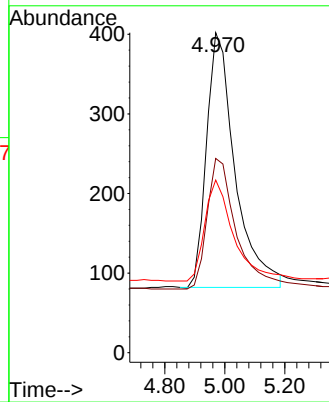
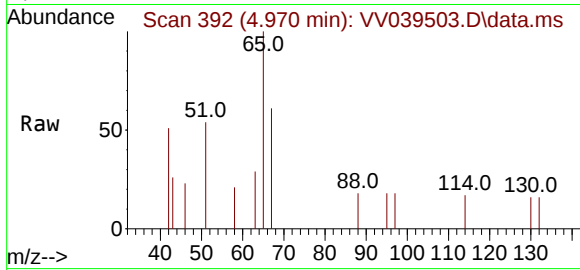




#4
1,2-Dichloroethane-d4
Concen: 0.409 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

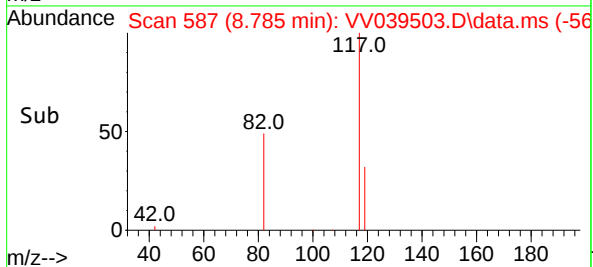
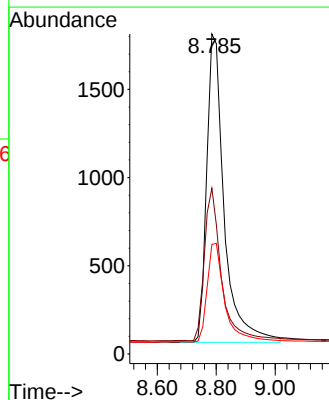
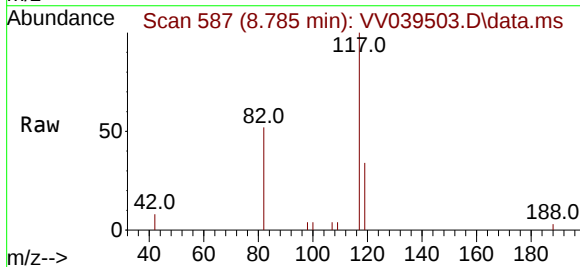
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

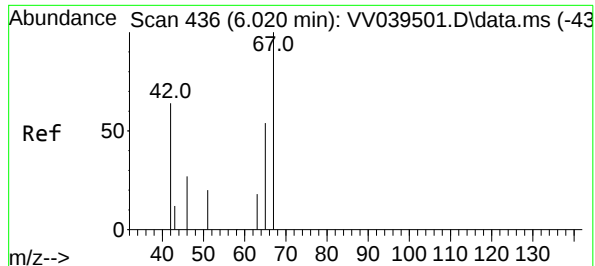
Tgt Ion:	65	Resp:	2117
Ion	Ratio	Lower	Upper
65	100		
67	52.3	32.5	60.3
51	40.2	121.4	225.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

Tgt Ion:	117	Resp:	7166
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.4	59.2
119	32.4	26.2	39.2

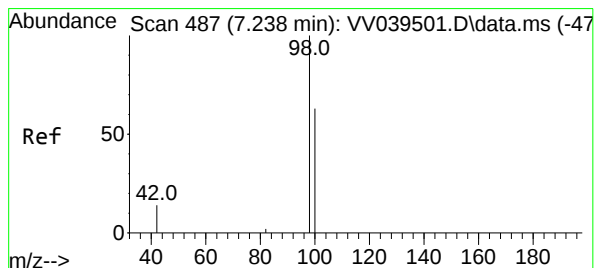
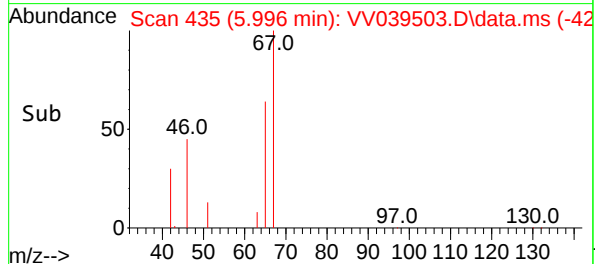
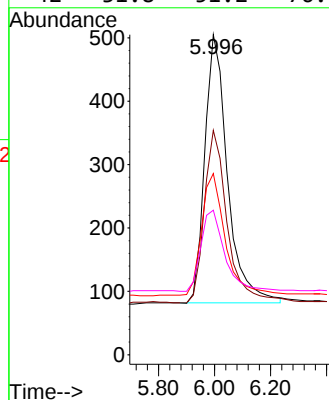
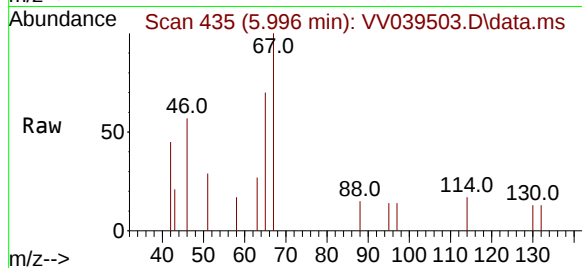




#7
1,2-Dichloropropane-d6
Concen: 0.394 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

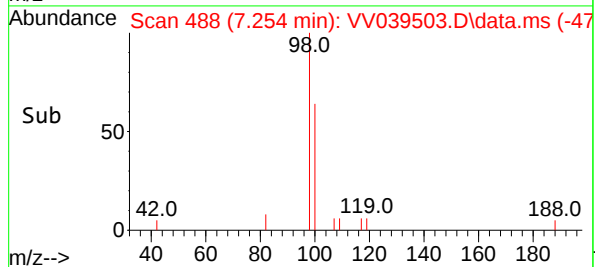
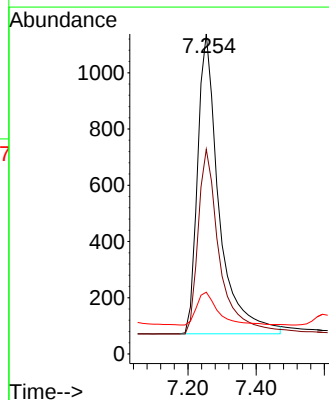
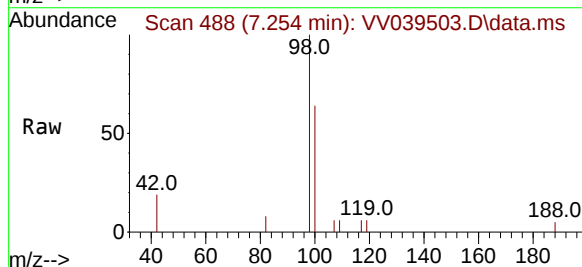
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

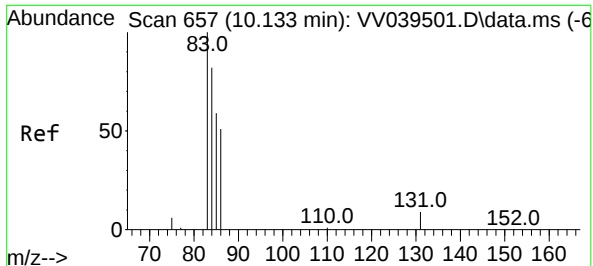
Tgt Ion:	67	Resp:	2385
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	48.3	27.4	41.0#
42	31.8	51.2	76.8#



#8
Toluene-d8
Concen: 0.456 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

Tgt Ion:	98	Resp:	4648
Ion	Ratio	Lower	Upper
98	100		
100	61.8	44.5	82.7
42	10.9	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.514 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039503.D

Acq: 09 Dec 2025 15:00

Instrument :

MSVOA_V

ClientSampleId :

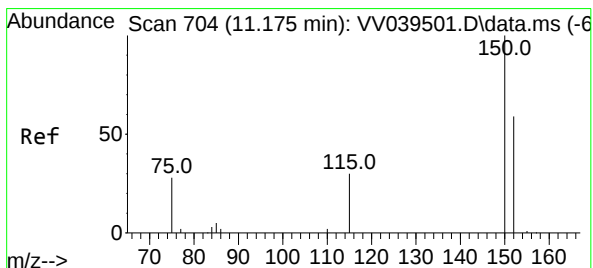
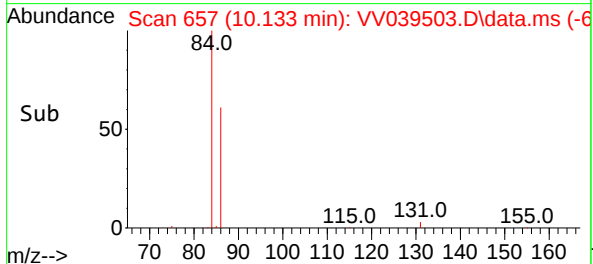
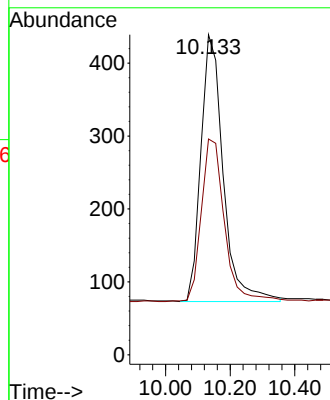
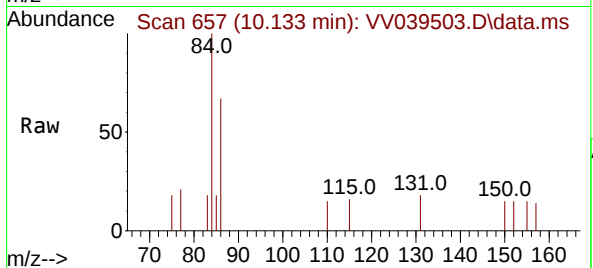
MW-14A-17.5-120325-SIM

Tgt Ion: 84 Resp: 1751

Ion Ratio Lower Upper

84 100

86 63.2 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039503.D

Acq: 09 Dec 2025 15:00

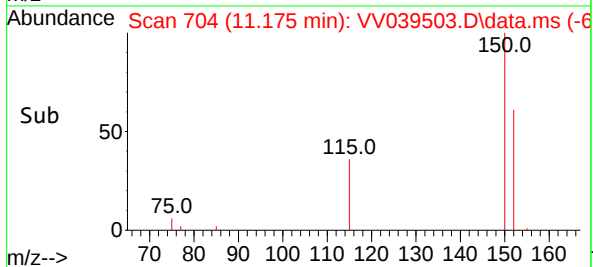
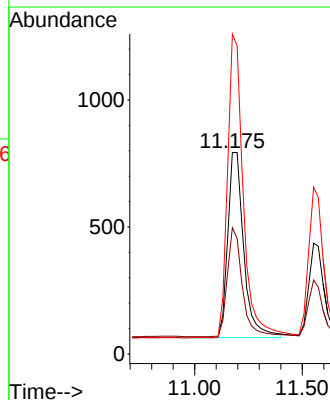
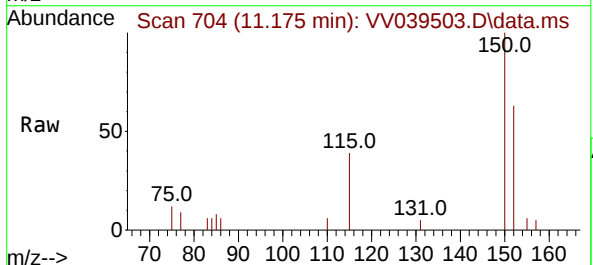
Tgt Ion: 152 Resp: 3774

Ion Ratio Lower Upper

152 100

115 54.8 0.0 101.6

150 160.4 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039504.D
 Acq On : 09 Dec 2025 15:21
 Operator : SY/MD
 Sample : Q3757-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14B-46-120325-SIM

Manual Integrations APPROVED

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

Quant Time: Dec 10 01:16:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7740	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7407	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3976	0.500	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.294	65	3929m	0.517	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	4.993	65	2089	0.405	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.000%
7) 1,2-Dichloropropane-d6	5.995	67	2395	0.383	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	76.000%
8) Toluene-d8	7.253	98	4563	0.433	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1743	0.495	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%

Target Compounds Qvalue

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

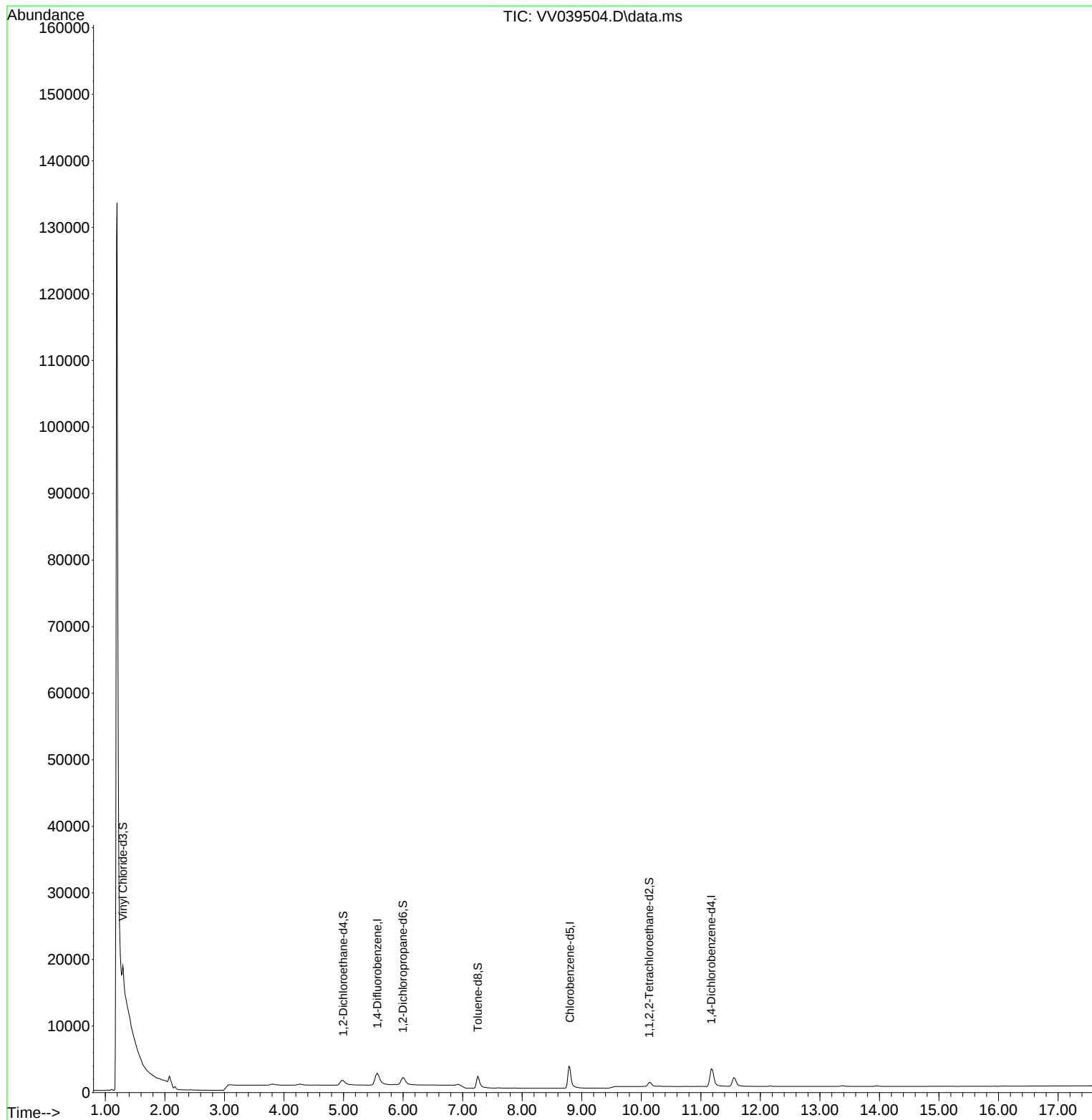
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Data File : VV039504.D
Acq On : 09 Dec 2025 15:21
Operator : SY/MD
Sample : Q3757-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

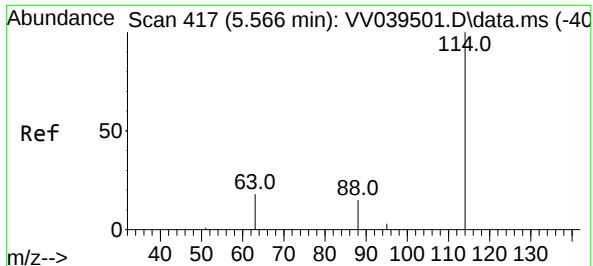
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM

Manual Integrations
APPROVED

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

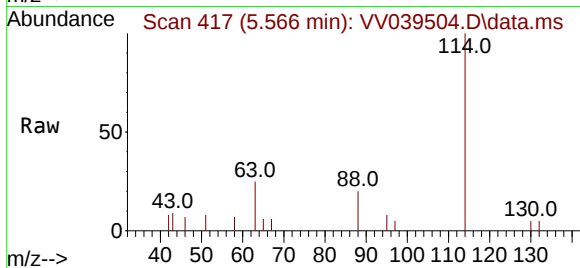
Quant Time: Dec 10 01:16:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

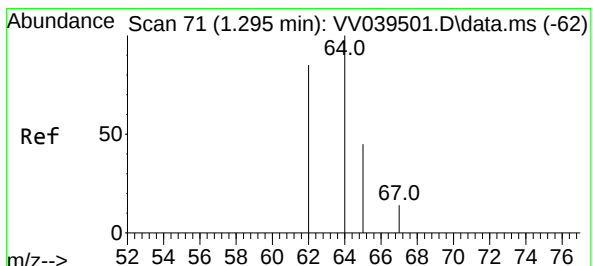
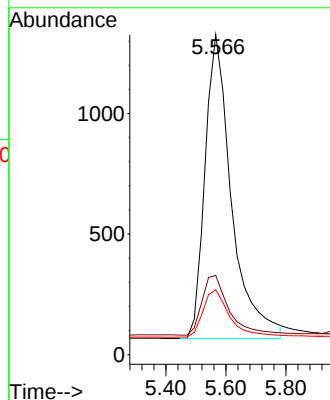
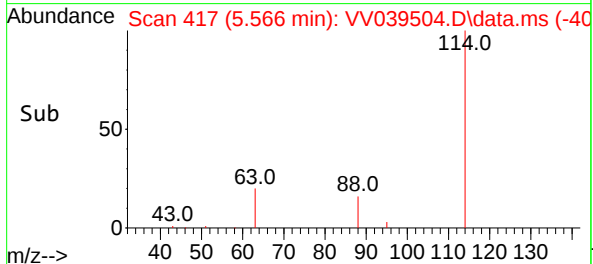
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM



Tgt Ion: 114 Resp: 7740
Ion Ratio Lower Upper
114 100
63 20.0 15.0 22.4
88 15.8 12.0 18.0

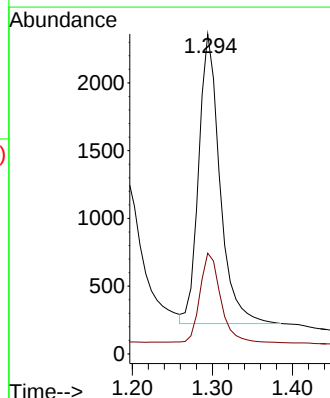
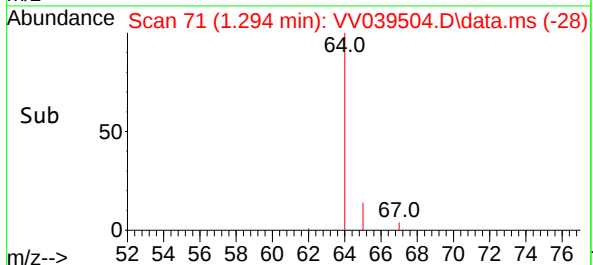
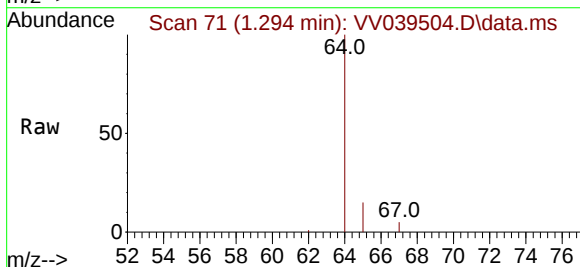
Manual Integrations
APPROVED

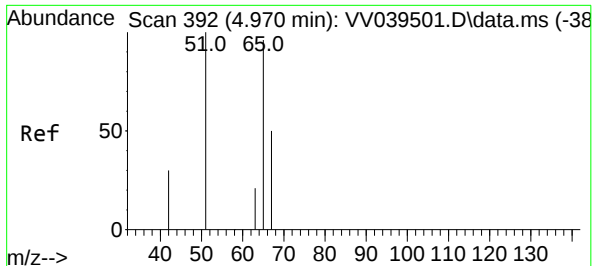
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.517 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

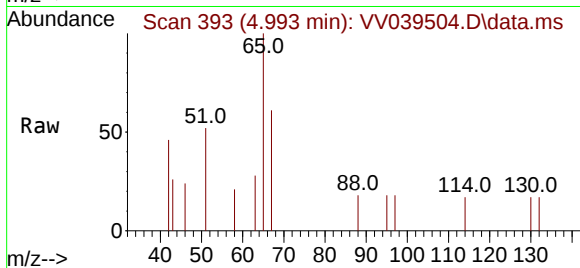
Tgt Ion: 65 Resp: 3929
Ion Ratio Lower Upper
65 100
67 32.7 22.3 41.5





#4
1,2-Dichloroethane-d4
Concen: 0.405 ug/L
RT: 4.993 min Scan# 393
Delta R.T. 0.024 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

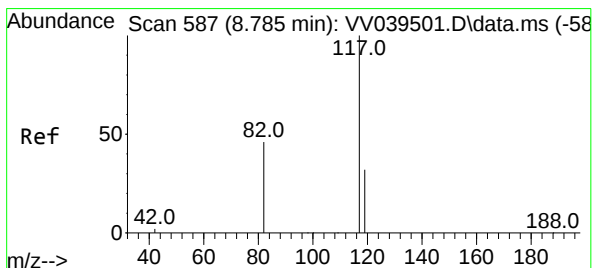
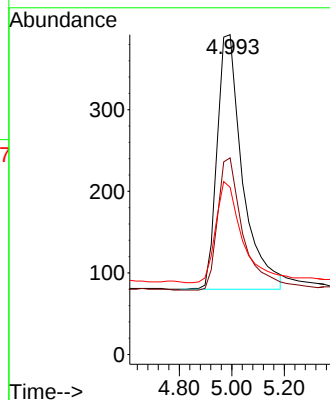
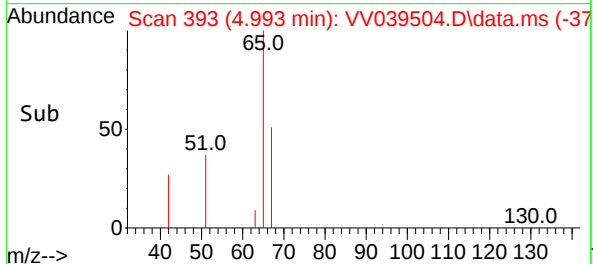
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM



Tgt Ion: 65 Resp: 2089
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 41.5 121.4 225.6

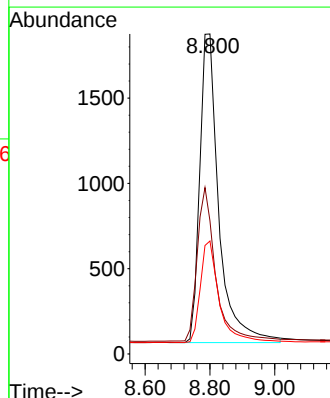
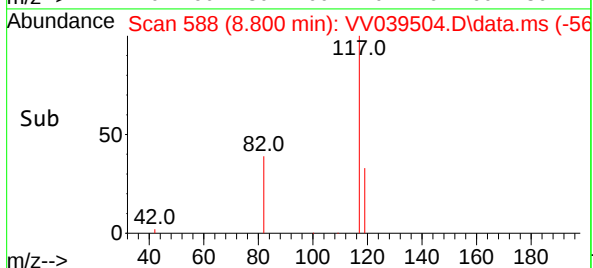
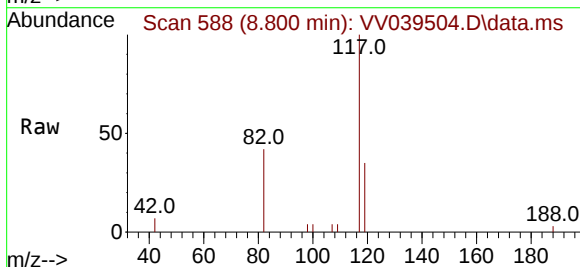
Manual Integrations
APPROVED

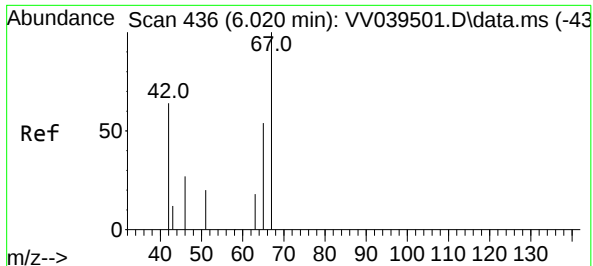
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

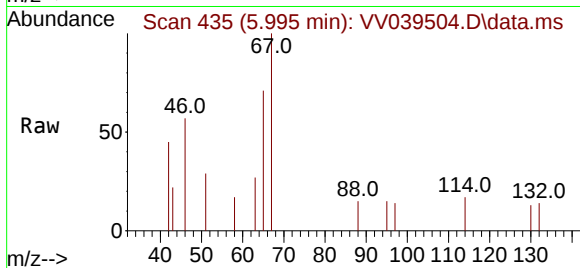
Tgt Ion:117 Resp: 7407
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.3 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.383 ug/L
RT: 5.995 min Scan# 436
Delta R.T. -0.024 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

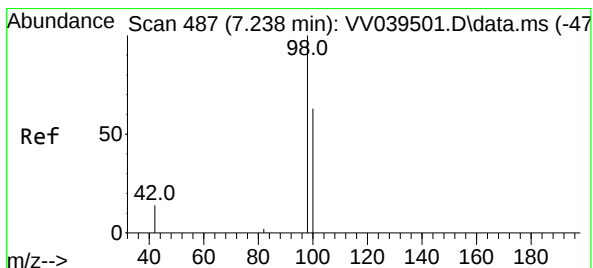
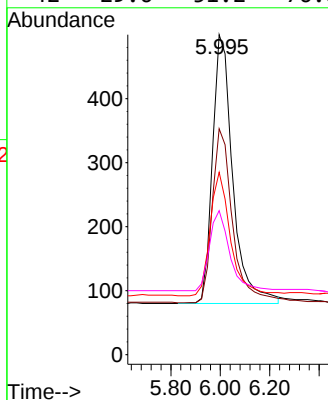
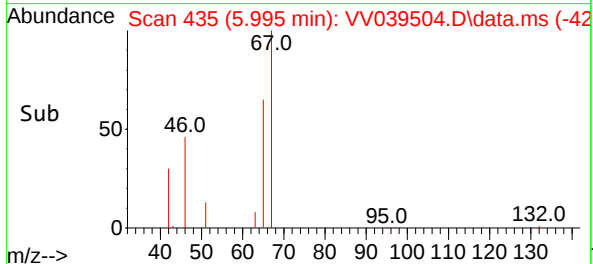
Instrument :
MSVOA_V
ClientSampleId :
MW-14B-46-120325-SIM



Tgt Ion: 67 Resp: 239
Ion Ratio Lower Upper
67 100
65 65.0 37.9 56.9
46 46.3 27.4 41.0
42 29.6 51.2 76.8

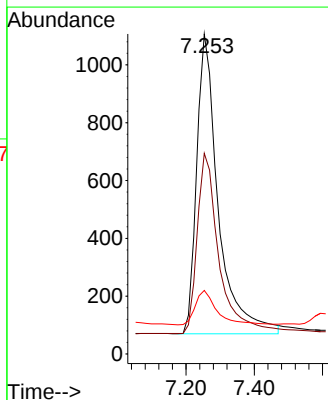
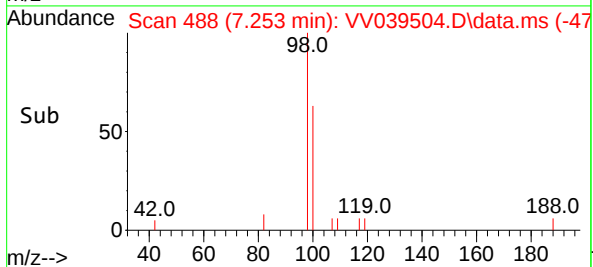
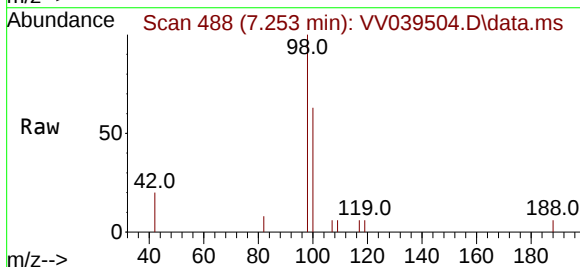
Manual Integrations
APPROVED

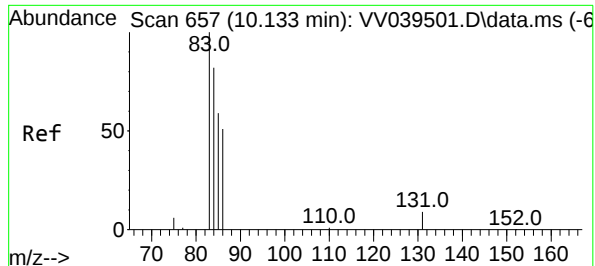
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.433 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039504.D
Acq: 09 Dec 2025 15:21

Tgt Ion: 98 Resp: 4563
Ion Ratio Lower Upper
98 100
100 60.5 44.5 82.7
42 11.4 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.495 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039504.D

Acq: 09 Dec 2025 15:21

Instrument :

MSVOA_V

ClientSampleId :

MW-14B-46-120325-SIM

Tgt Ion: 84 Resp: 174

Ion Ratio Lower Upper

84 100

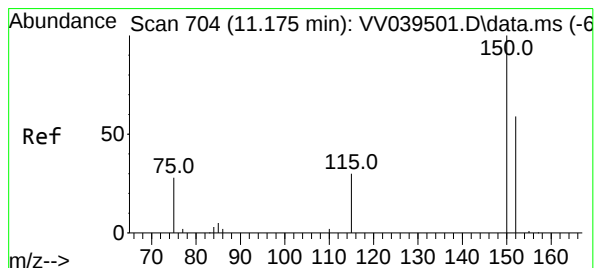
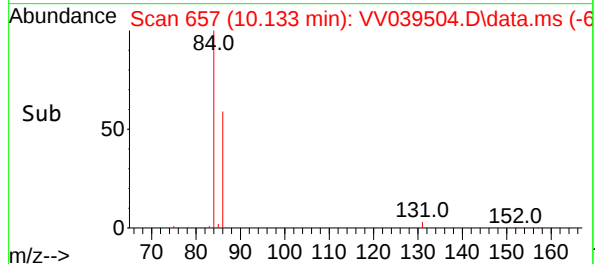
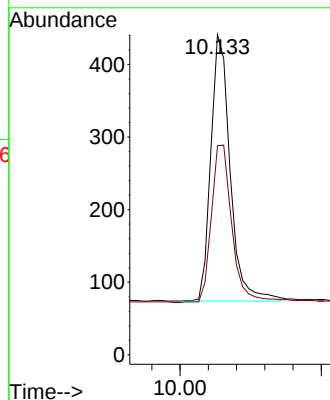
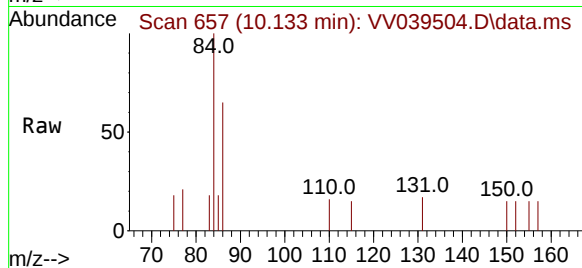
86 62.8 44.4 82.5

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: 11.175 min Scan# 704

Delta R.T. -0.000 min

Lab File: VV039504.D

Acq: 09 Dec 2025 15:21

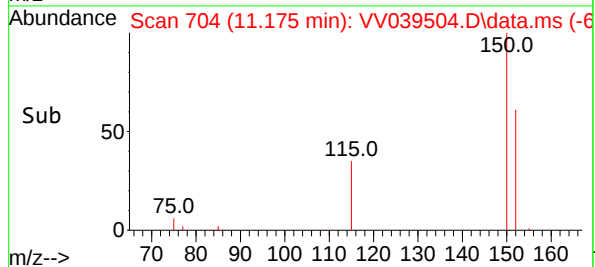
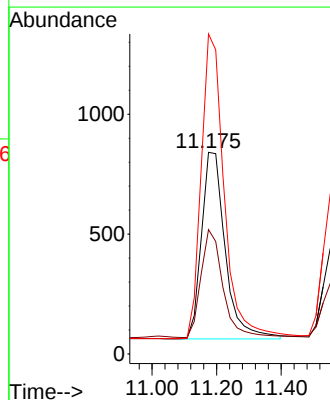
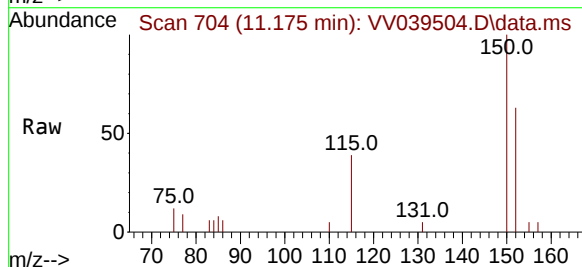
Tgt Ion:152 Resp: 3976

Ion Ratio Lower Upper

152 100

115 53.3 0.0 101.6

150 157.3 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039477.D
 Acq On : 05 Dec 2025 14:16
 Operator : SY/MD
 Sample : Q3757-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 RMW-05B-90.5-120325-SIM

Quant Time: Dec 05 22:48:51 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)

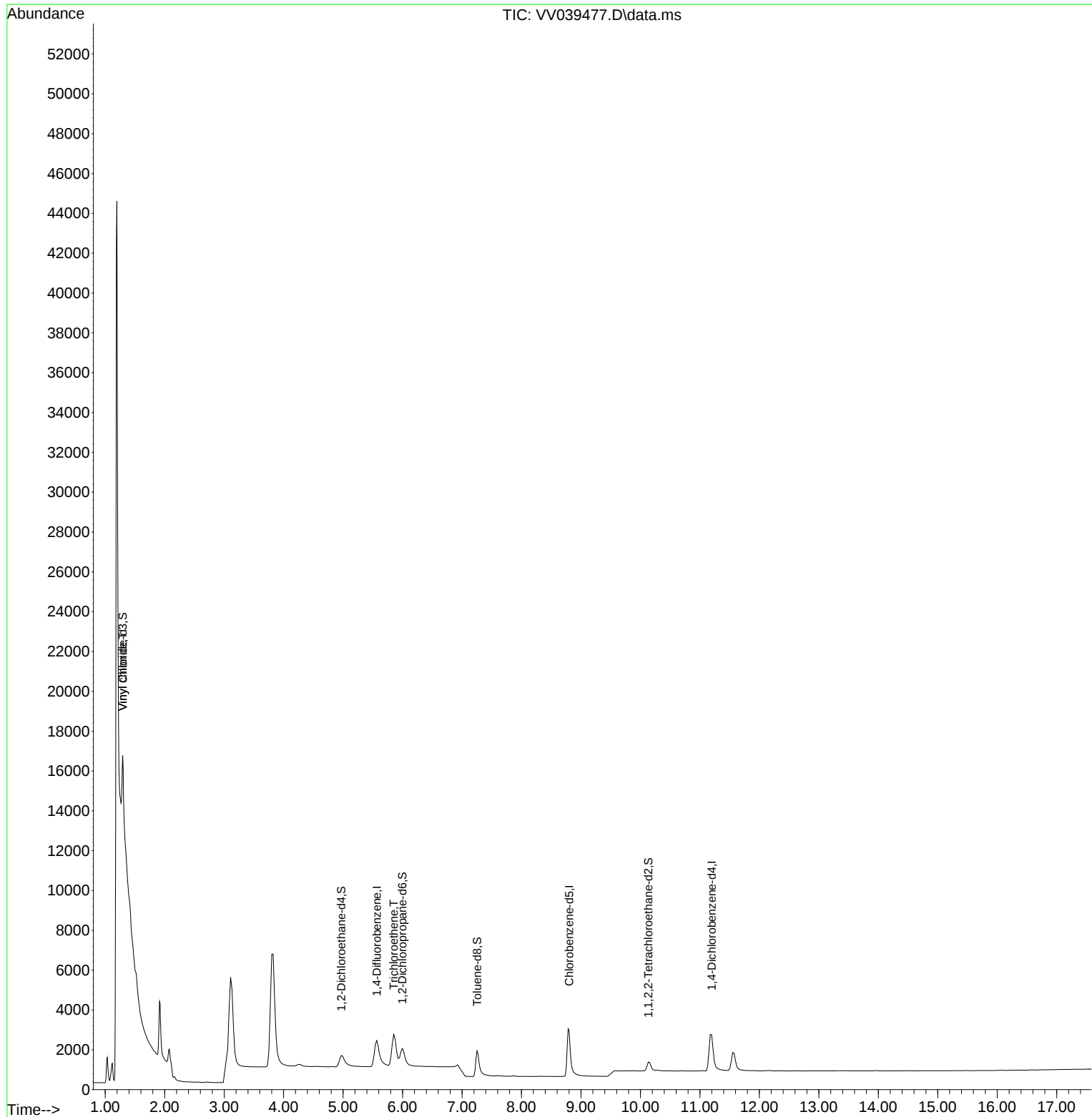
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6011	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5568	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2844	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3092	0.512	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	102.000%
4) 1,2-Dichloroethane-d4	4.969	65	1638	0.409	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.000%
7) 1,2-Dichloropropane-d6	5.995	67	1778	0.378	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	76.000%
8) Toluene-d8	7.253	98	3360	0.424	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1359	0.513	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
3) Vinyl chloride	1.294	62	1523	0.117	ug/L	# 1
6) Trichloroethene	5.852	95	2319	0.336	ug/L	99

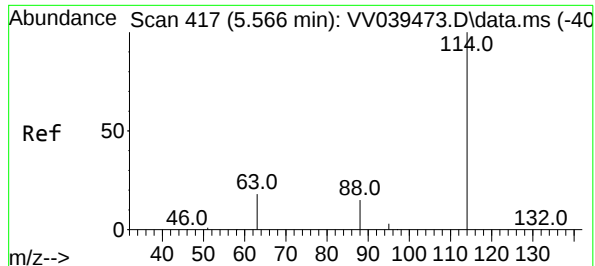
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039477.D
Acq On : 05 Dec 2025 14:16
Operator : SY/MD
Sample : Q3757-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RMW-05B-90.5-120325-SIM

Quant Time: Dec 05 22:48:51 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

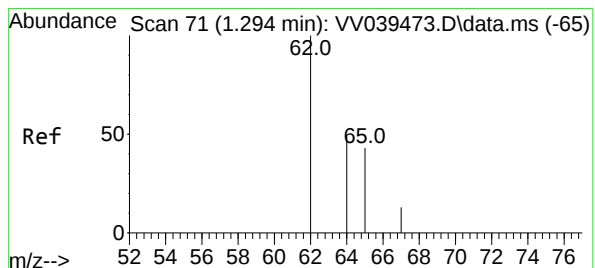
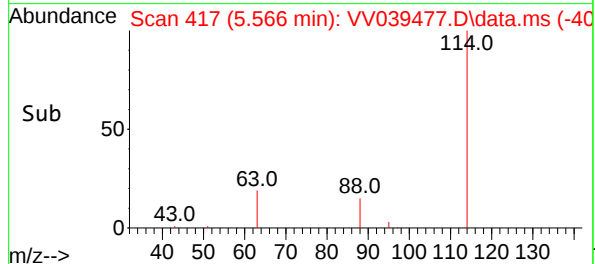
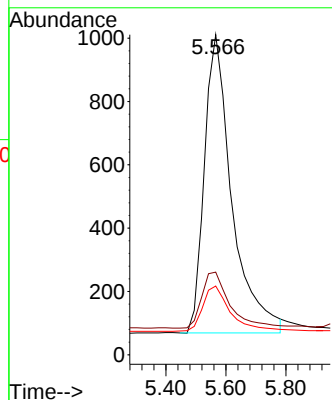
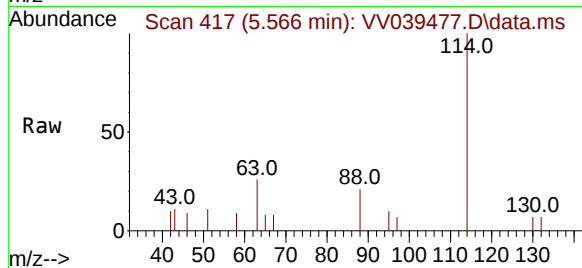




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039477.D
Acq: 05 Dec 2025 14:16

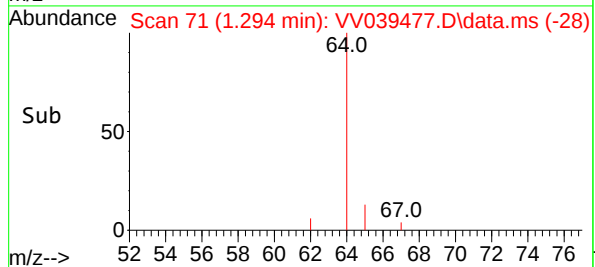
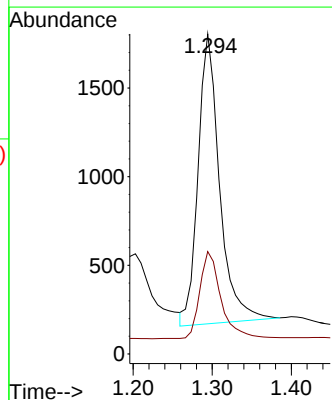
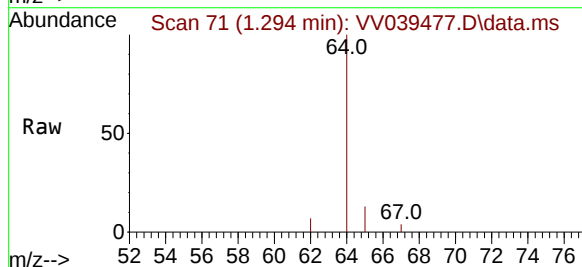
Instrument :
MSVOA_V
ClientSampleId :
RMW-05B-90.5-120325-SIM

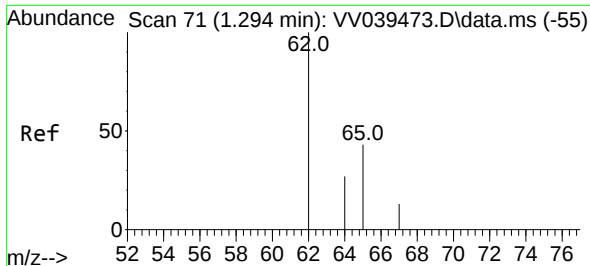
Tgt Ion:114	Resp:	6011
Ion	Ratio	Lower Upper
114	100	
63	19.2	15.0 22.4
88	15.2	12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.512 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039477.D
Acq: 05 Dec 2025 14:16

Tgt Ion: 65	Resp:	3092
Ion	Ratio	Lower Upper
65	100	
67	30.3	22.3 41.5





#3

Vinyl chloride

Concen: 0.117 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039477.D

Acq: 05 Dec 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

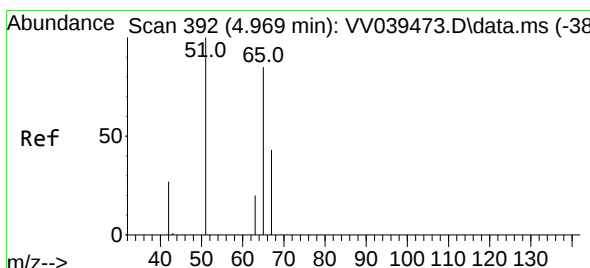
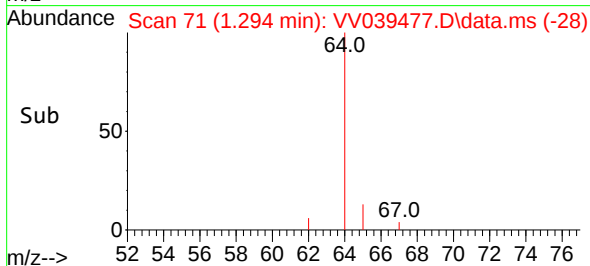
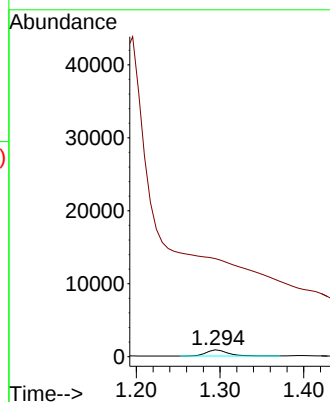
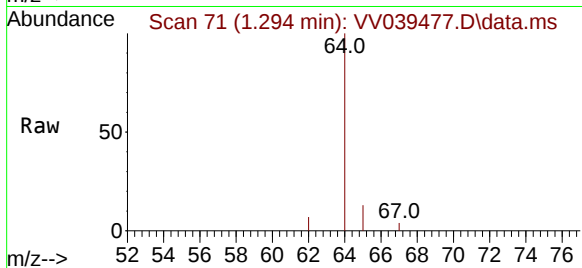
RMW-05B-90.5-120325-SIM

Tgt Ion: 62 Resp: 1523

Ion Ratio Lower Upper

62 100

64 1425.0 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.409 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV039477.D

Acq: 05 Dec 2025 14:16

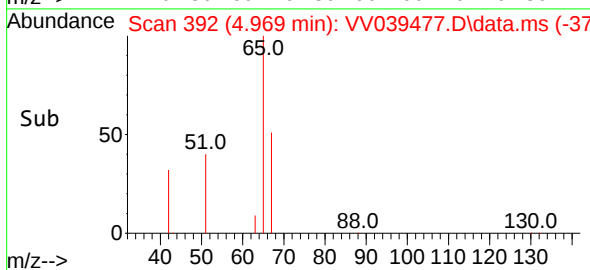
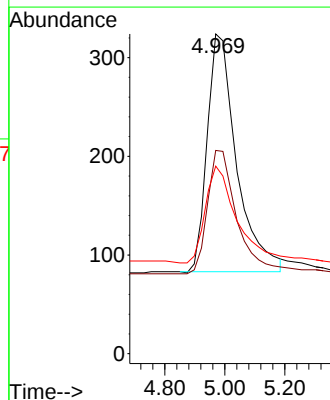
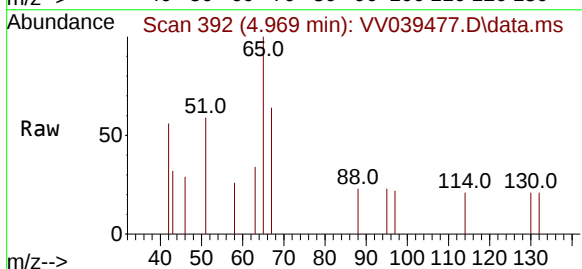
Tgt Ion: 65 Resp: 1638

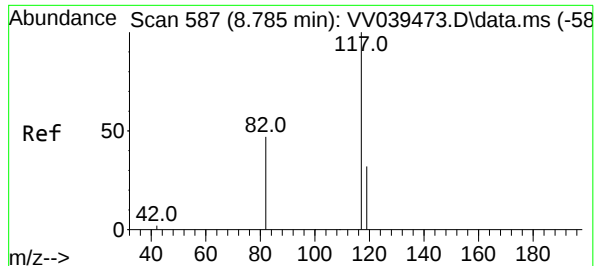
Ion Ratio Lower Upper

65 100

67 51.6 32.5 60.3

51 43.5 121.4 225.6#

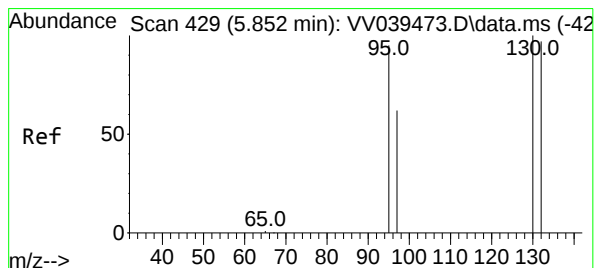
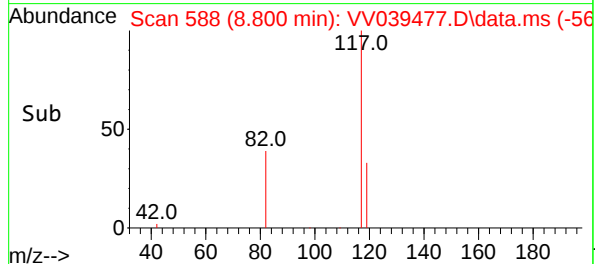
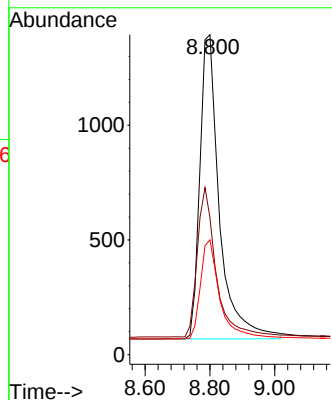
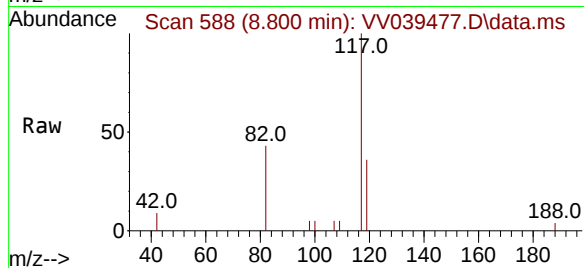




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 511
Delta R.T. 0.015 min
Lab File: VV039477.D
Acq: 05 Dec 2025 14:16

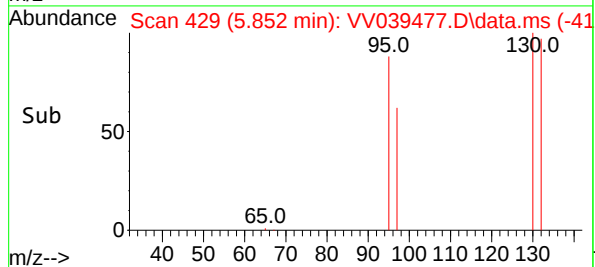
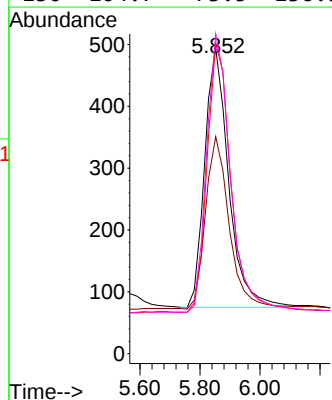
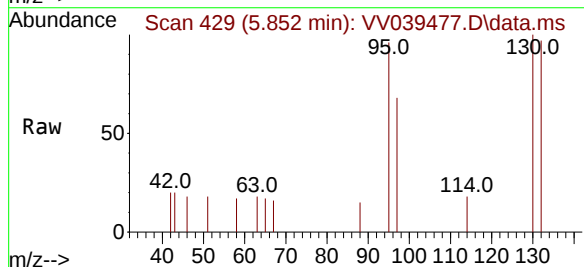
Instrument :
MSVOA_V
ClientSampleId :
RMW-05B-90.5-120325-SIM

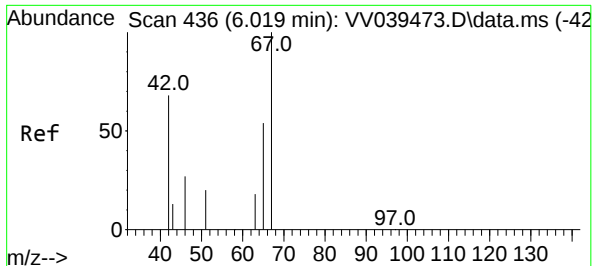
Tgt Ion:	117	Resp:	5568
Ion	Ratio	Lower	Upper
117	100		
82	47.6	39.4	59.2
119	32.6	26.2	39.2



#6
Trichloroethene
Concen: 0.336 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039477.D
Acq: 05 Dec 2025 14:16

Tgt Ion:	95	Resp:	2319
Ion	Ratio	Lower	Upper
95	100		
97	71.1	47.7	88.7
132	101.6	70.8	131.4
130	104.7	73.5	136.5





#7

1,2-Dichloropropane-d6

Concen: 0.378 ug/L

RT: 5.995 min Scan# 41

Delta R.T. -0.024 min

Lab File: VV039477.D

Acq: 05 Dec 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

RMW-05B-90.5-120325-SIM

Tgt Ion: 67 Resp: 1778

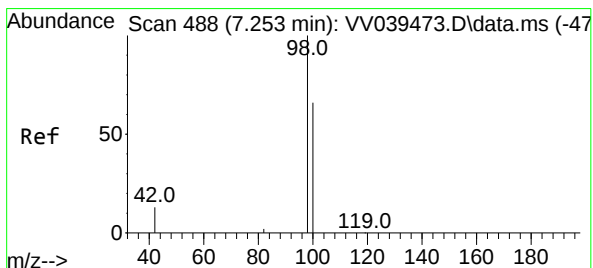
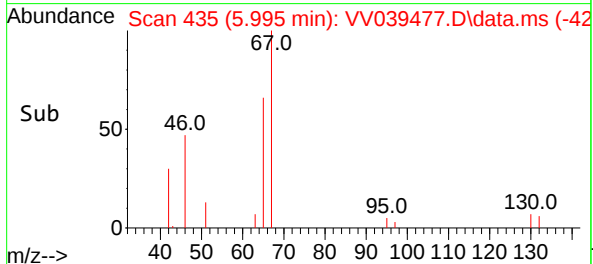
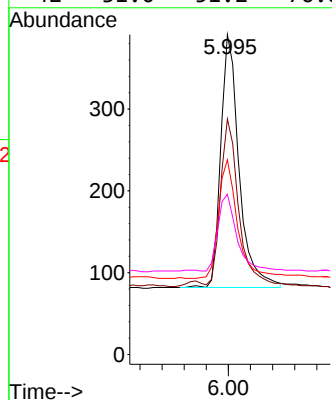
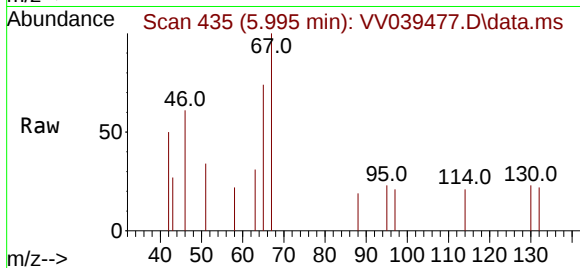
Ion Ratio Lower Upper

67 100

65 64.1 37.9 56.9#

46 48.4 27.4 41.0#

42 31.0 51.2 76.8#



#8

Toluene-d8

Concen: 0.424 ug/L

RT: 7.253 min Scan# 488

Delta R.T. 0.015 min

Lab File: VV039477.D

Acq: 05 Dec 2025 14:16

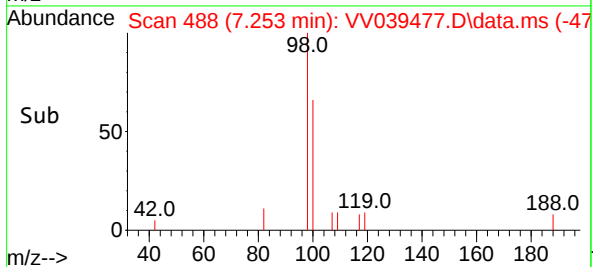
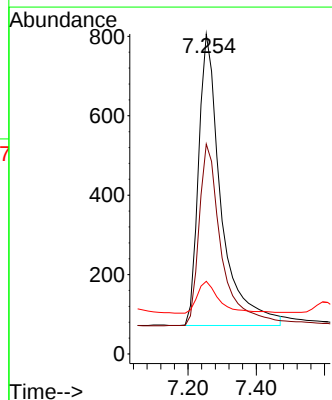
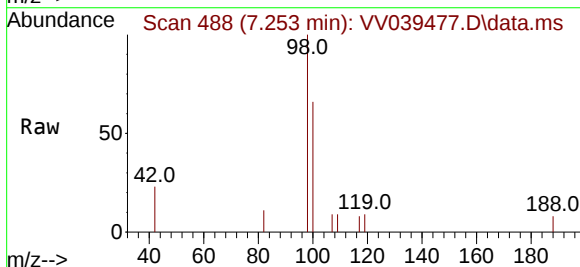
Tgt Ion: 98 Resp: 3360

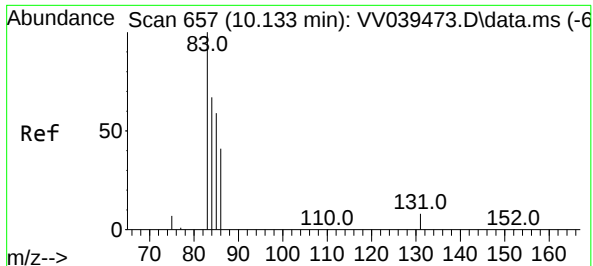
Ion Ratio Lower Upper

98 100

100 61.9 44.5 82.7

42 10.6 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.513 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039477.D

Acq: 05 Dec 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

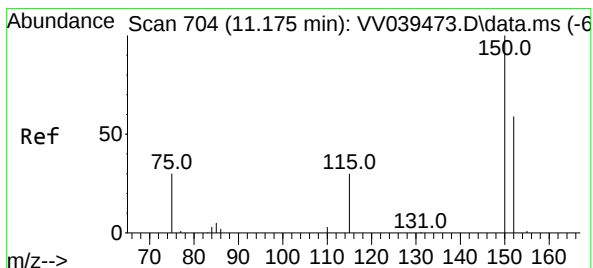
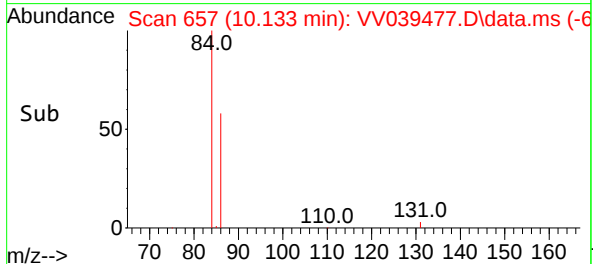
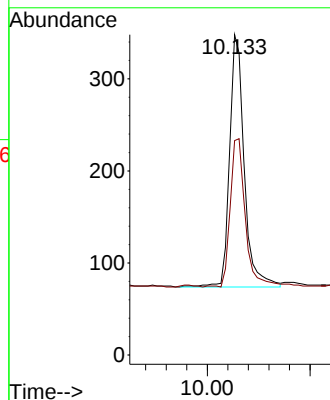
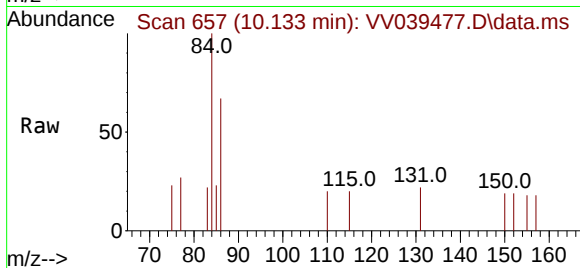
RMW-05B-90.5-120325-SIM

Tgt Ion: 84 Resp: 1359

Ion Ratio Lower Upper

84 100

86 60.5 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: VV039477.D

Acq: 05 Dec 2025 14:16

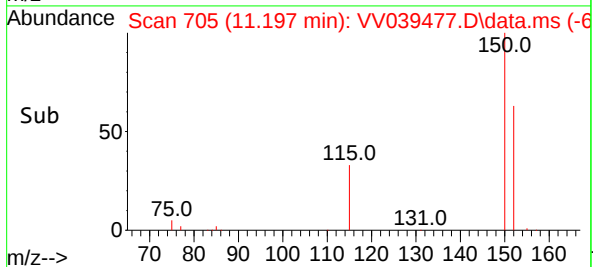
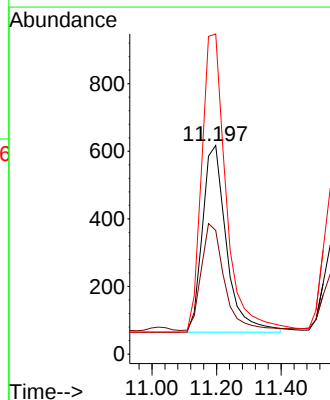
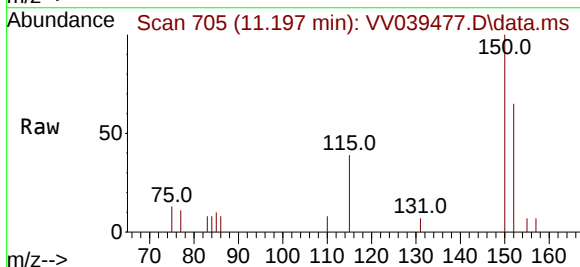
Tgt Ion: 152 Resp: 2844

Ion Ratio Lower Upper

152 100

115 55.2 0.0 101.6

150 162.3 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039481.D
 Acq On : 05 Dec 2025 15:47
 Operator : SY/MD
 Sample : Q3757-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-05B-72-120325-SIM

Quant Time: Dec 05 22:49:35 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)

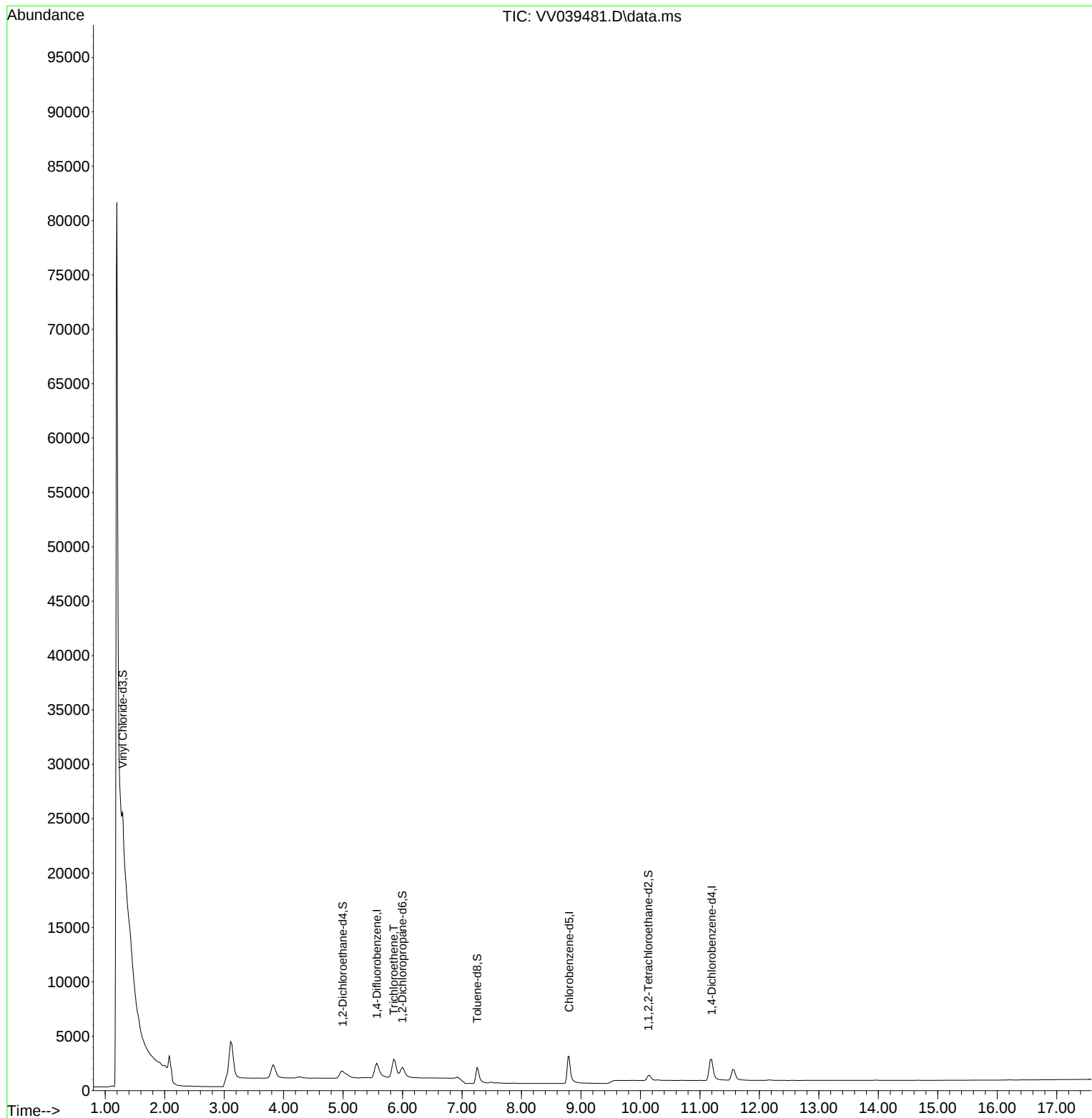
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6092	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5835	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3054	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3469	0.566	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	1934	0.477	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.995	67	1928	0.392	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	78.000%
8) Toluene-d8	7.253	98	3680	0.443	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1408	0.507	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
6) Trichloroethene	5.852	95	2498	0.345	ug/L	98

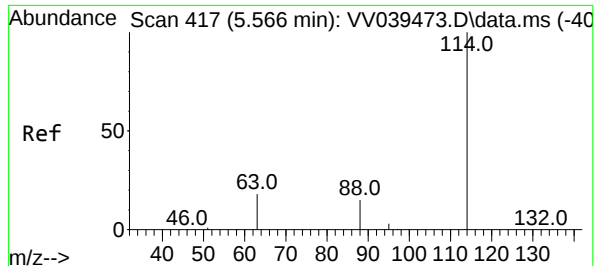
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039481.D
Acq On : 05 Dec 2025 15:47
Operator : SY/MD
Sample : Q3757-10
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-05B-72-120325-SIM

Quant Time: Dec 05 22:49:35 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: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM

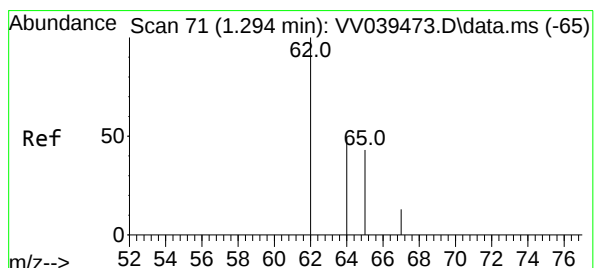
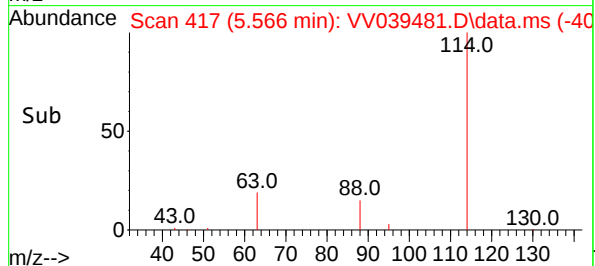
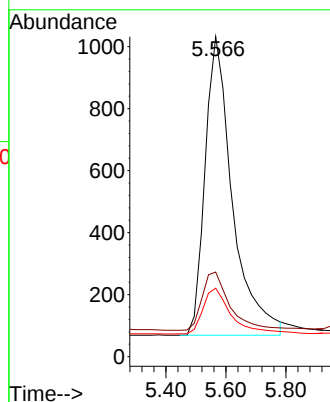
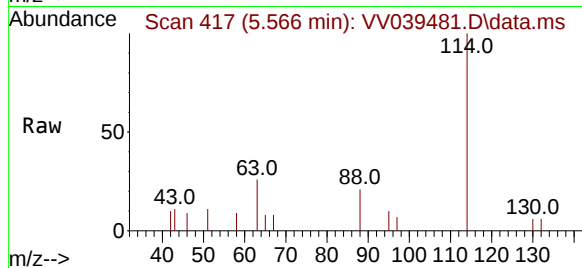
Tgt Ion:114 Resp: 6092

Ion Ratio Lower Upper

114 100

63 19.7 15.0 22.4

88 15.7 12.0 18.0



#2

Vinyl Chloride-d3

Concen: 0.566 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039481.D

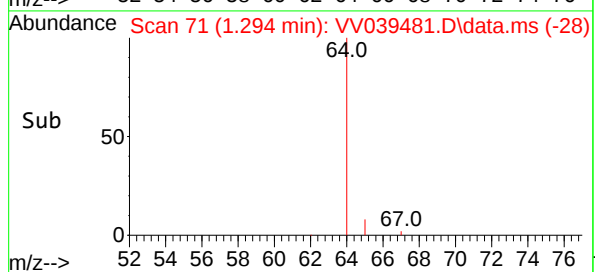
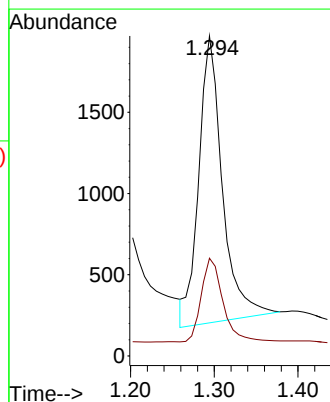
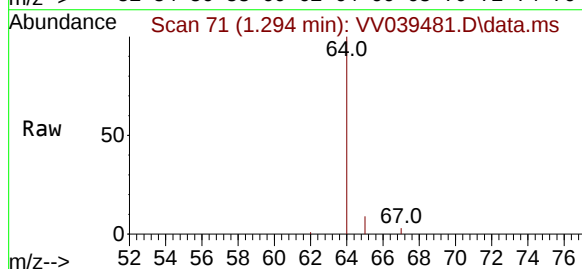
Acq: 05 Dec 2025 15:47

Tgt Ion: 65 Resp: 3469

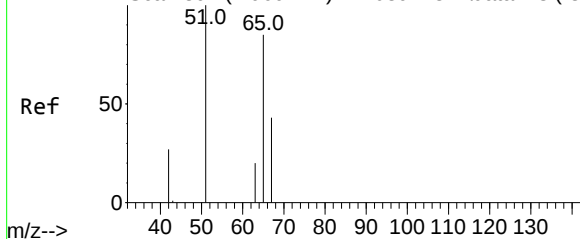
Ion Ratio Lower Upper

65 100

67 27.2 22.3 41.5



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



#4

1,2-Dichloroethane-d4

Concen: 0.477 ug/L

RT: 4.993 min Scan# 392

Delta R.T. 0.024 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM

Tgt Ion: 65 Resp: 1934

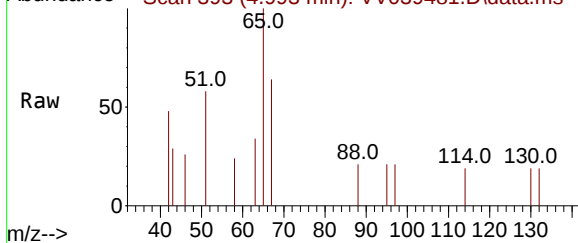
Ion Ratio Lower Upper

65 100

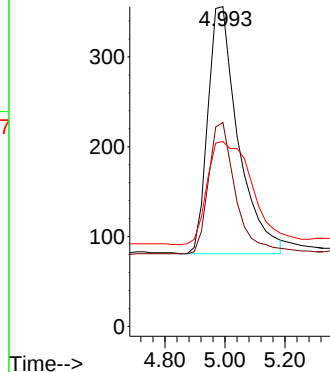
67 47.2 32.5 60.3

51 60.9 121.4 225.6#

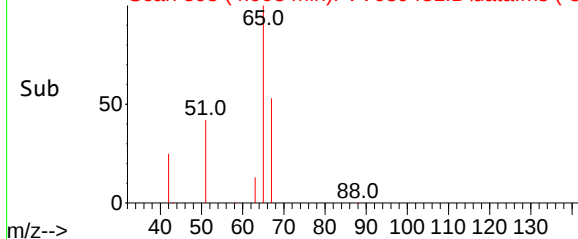
Abundance Scan 393 (4.993 min): VV039481.D\data.ms



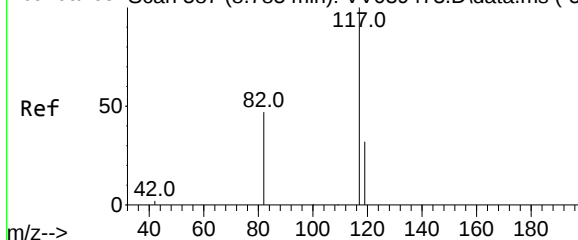
Abundance



Abundance Scan 393 (4.993 min): VV039481.D\data.ms (-37



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



#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 588

Delta R.T. 0.015 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Tgt Ion: 117 Resp: 5835

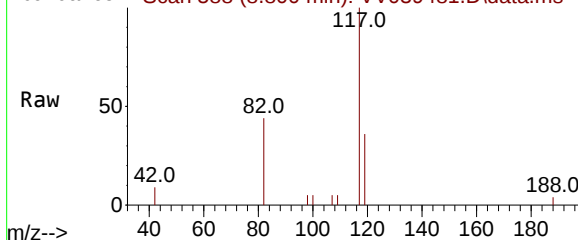
Ion Ratio Lower Upper

117 100

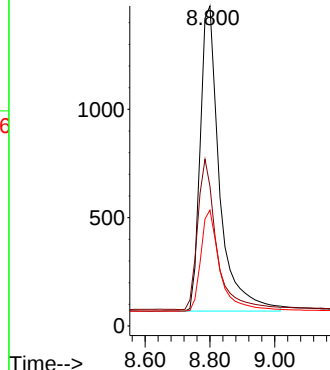
82 48.3 39.4 59.2

119 33.2 26.2 39.2

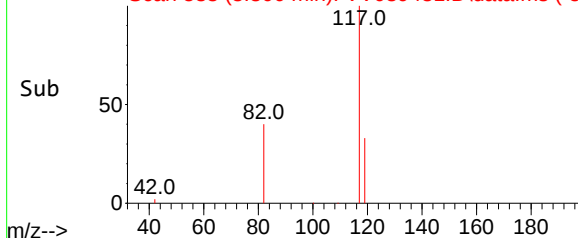
Abundance Scan 588 (8.800 min): VV039481.D\data.ms

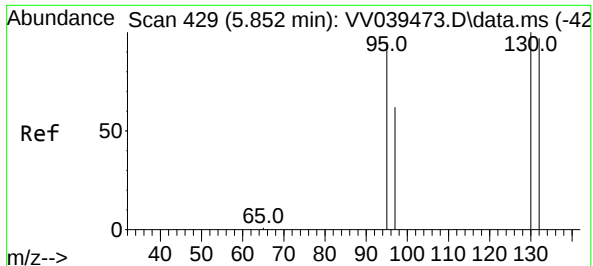


Abundance



Abundance Scan 588 (8.800 min): VV039481.D\data.ms (-56





#6

Trichloroethene

Concen: 0.345 ug/L

RT: 5.852 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM

Tgt Ion: 95 Resp: 2498

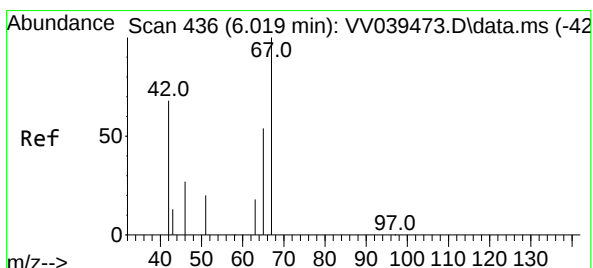
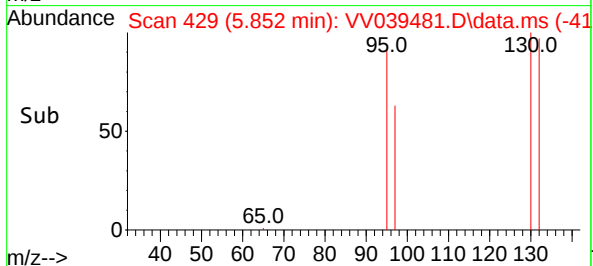
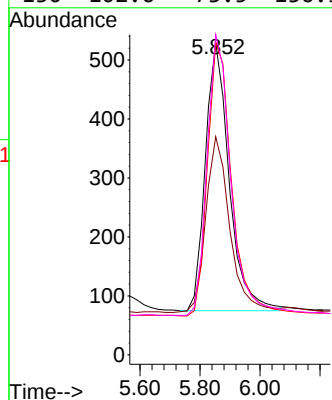
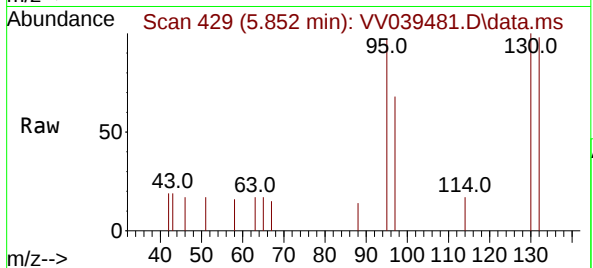
Ion Ratio Lower Upper

95 100

97 69.9 47.7 88.7

132 100.2 70.8 131.4

130 102.6 73.5 136.5



#7

1,2-Dichloropropane-d6

Concen: 0.392 ug/L

RT: 5.995 min Scan# 435

Delta R.T. -0.024 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Tgt Ion: 67 Resp: 1928

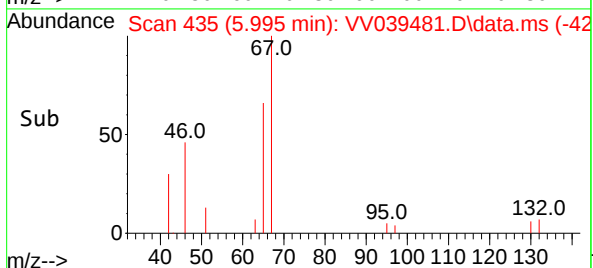
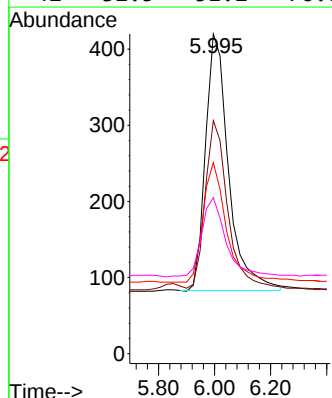
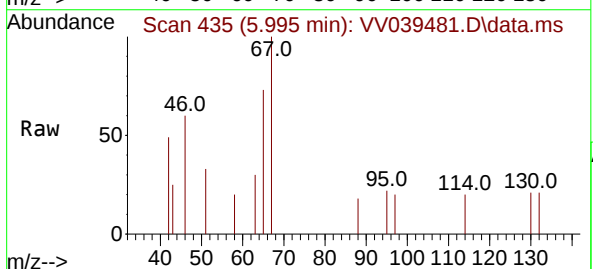
Ion Ratio Lower Upper

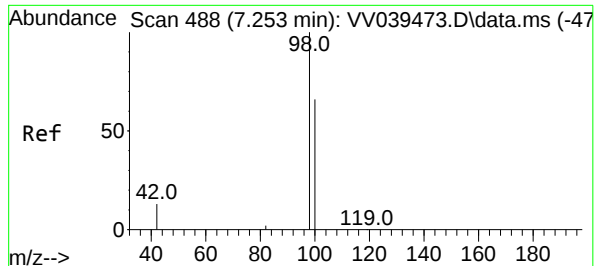
67 100

65 63.5 37.9 56.9#

46 47.1 27.4 41.0#

42 32.5 51.2 76.8#

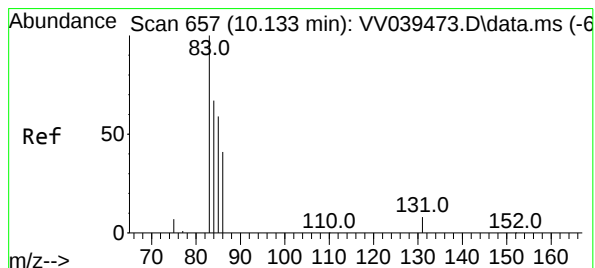
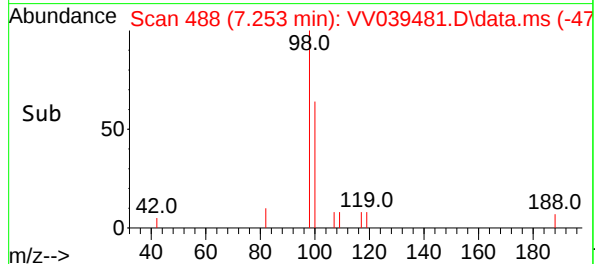
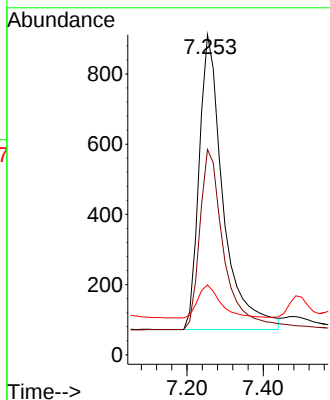
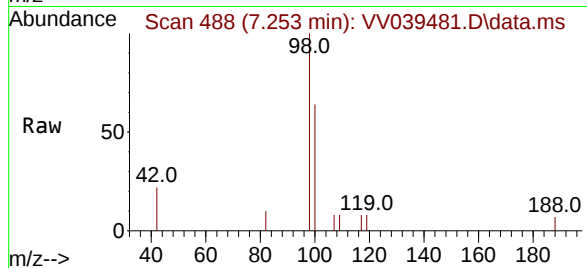




#8
Toluene-d8
Concen: 0.443 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039481.D
Acq: 05 Dec 2025 15:47

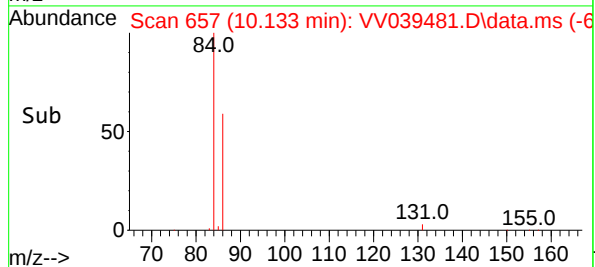
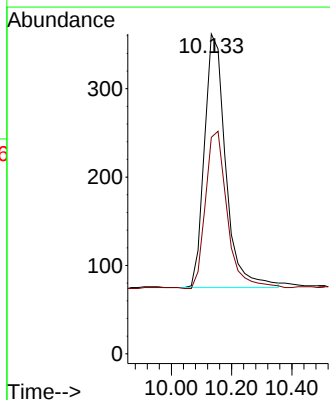
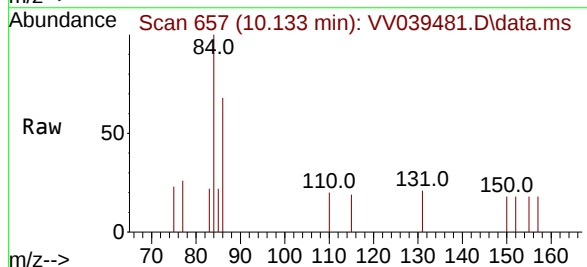
Instrument :
MSVOA_V
ClientSampleId :
OW-05B-72-120325-SIM

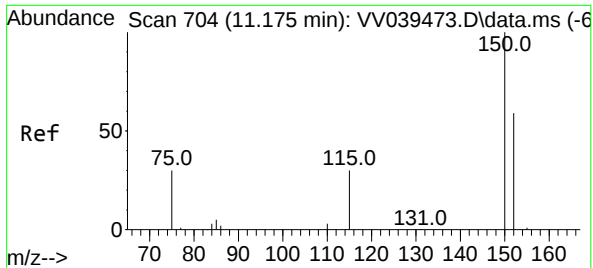
Tgt Ion:	98	Resp:	3680
Ion	Ratio	Lower	Upper
98	100		
100	61.8	44.5	82.7
42	10.7	10.1	18.7



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.507 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039481.D
Acq: 05 Dec 2025 15:47

Tgt Ion:	84	Resp:	1408
Ion	Ratio	Lower	Upper
84	100		
86	63.4	44.4	82.5





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 70

Delta R.T. 0.022 min

Lab File: VV039481.D

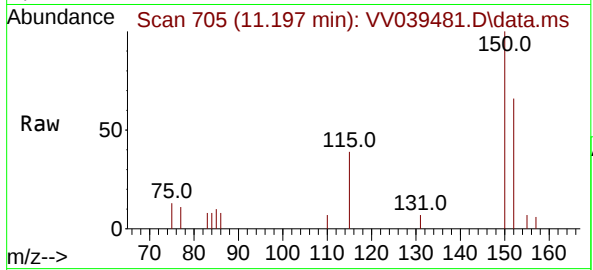
Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM



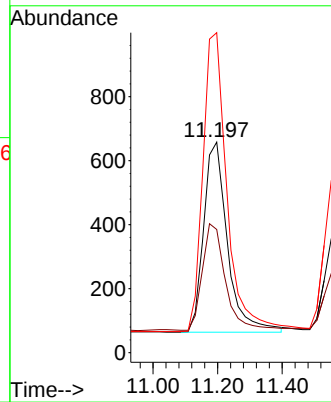
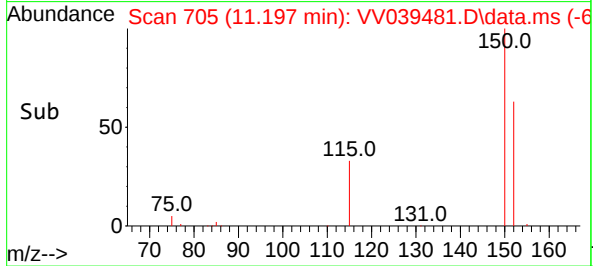
Tgt Ion:152 Resp: 3054

Ion Ratio Lower Upper

152 100

115 54.3 0.0 101.6

150 157.9 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039505.D
Acq On : 09 Dec 2025 15:42
Operator : SY/MD
Sample : Q3757-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 10 01:17:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7363	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7248	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3880	0.500	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4131	0.571	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	2156	0.440	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
7) 1,2-Dichloropropane-d6	5.995	67	2490	0.407	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.253	98	4676	0.453	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1813	0.526	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%

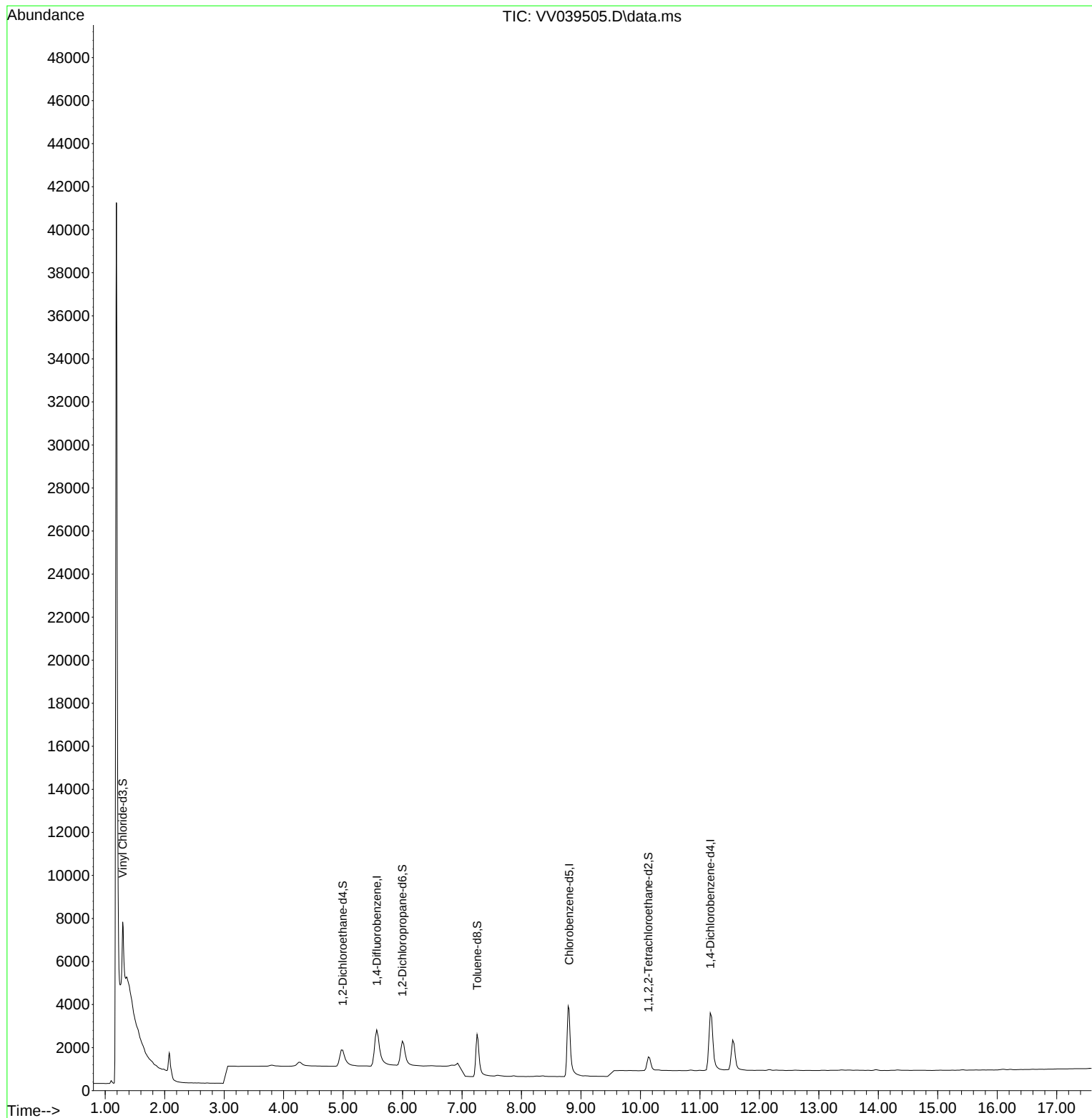
Target Compounds	Qvalue

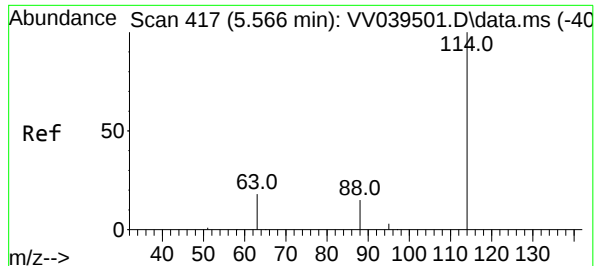
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039505.D
Acq On : 09 Dec 2025 15:42
Operator : SY/MD
Sample : Q3757-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

Quant Time: Dec 10 01:17:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration

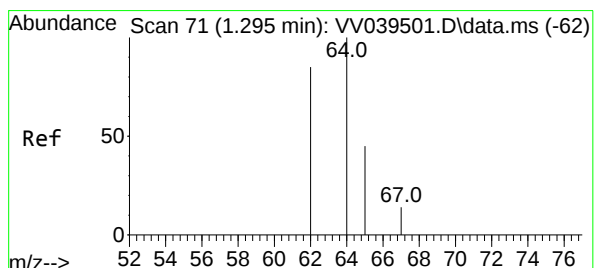
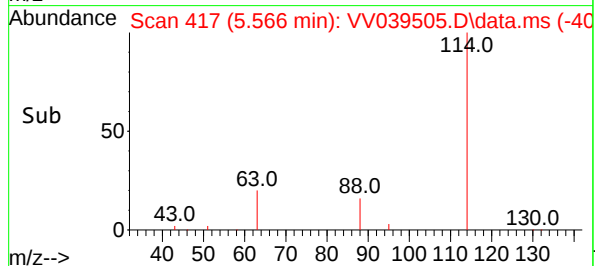
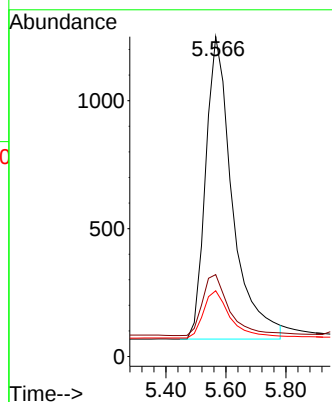
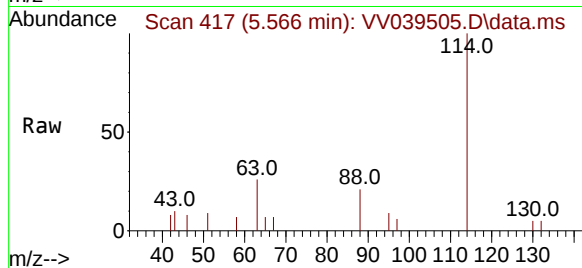




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

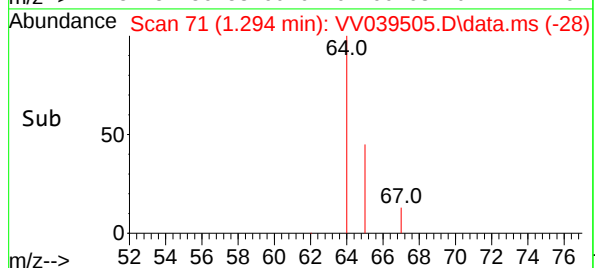
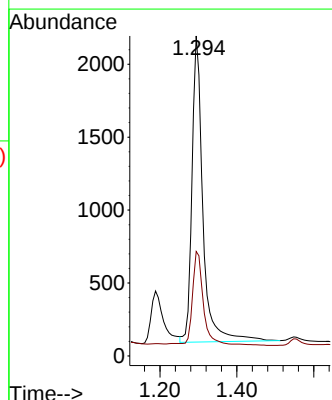
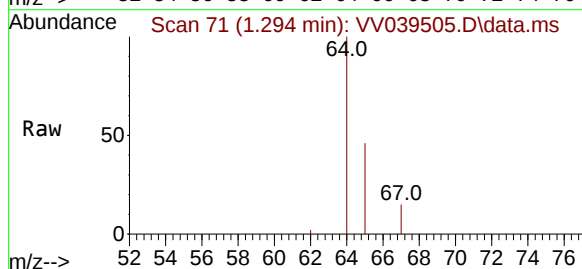
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

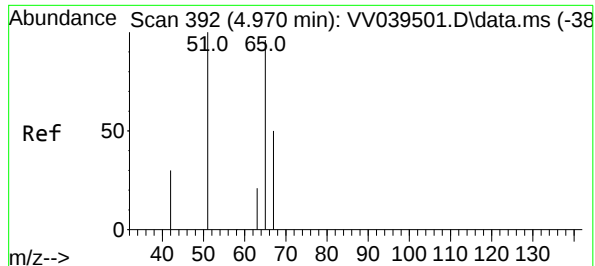
Tgt Ion:	114	Resp:	7363
Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.9	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.571 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	65	Resp:	4131
Ion	Ratio	Lower	Upper
65	100		
67	31.8	22.3	41.5

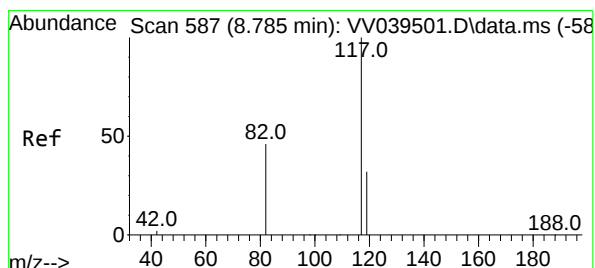
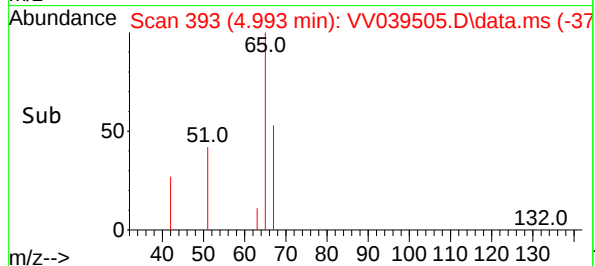
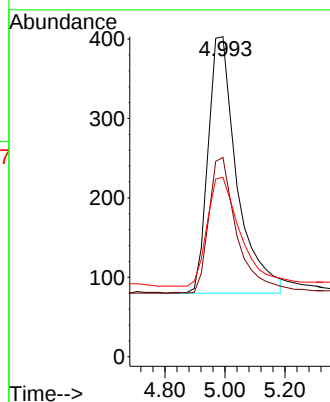
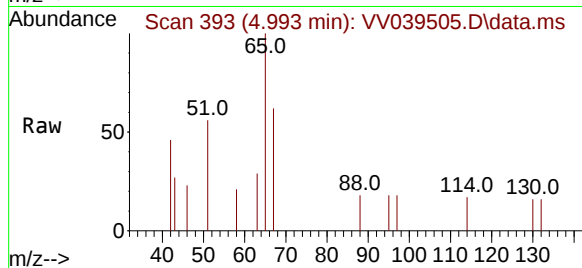




#4
1,2-Dichloroethane-d4
Concen: 0.440 ug/L
RT: 4.993 min Scan# 393
Delta R.T. 0.024 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

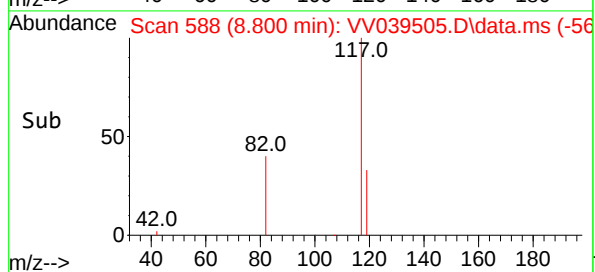
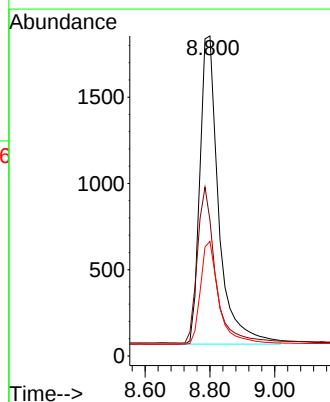
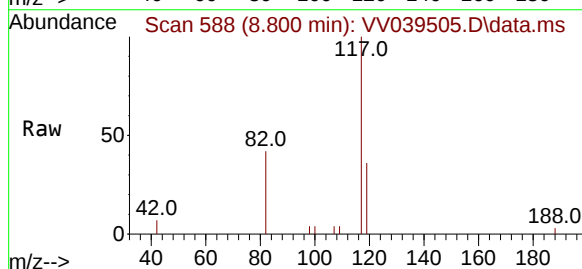
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

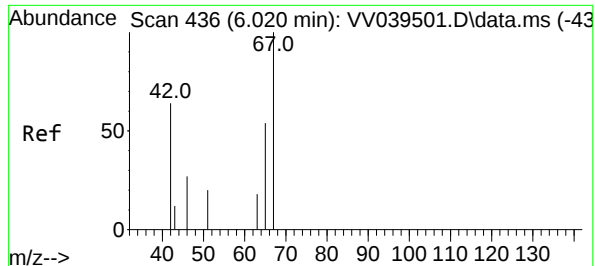
Tgt Ion: 65 Resp: 2156
Ion Ratio Lower Upper
65 100
67 51.6 32.5 60.3
51 48.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 117 Resp: 7248
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.6 26.2 39.2

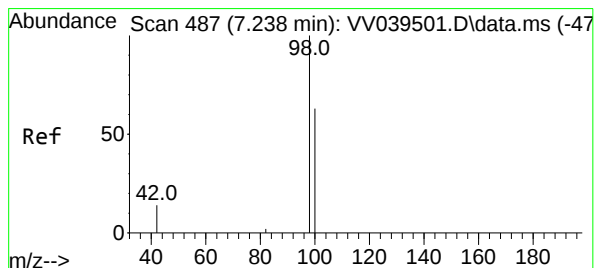
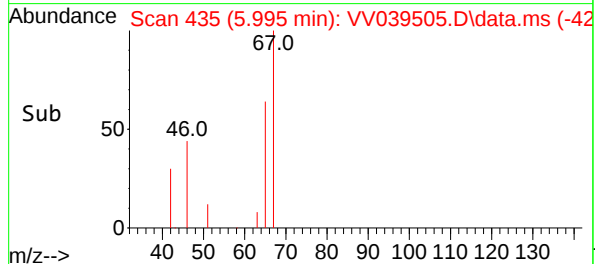
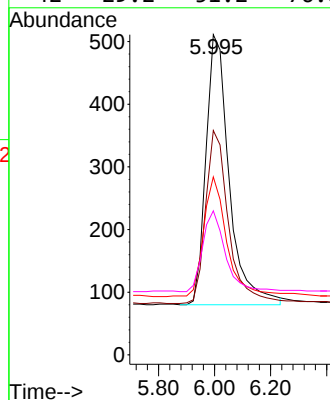
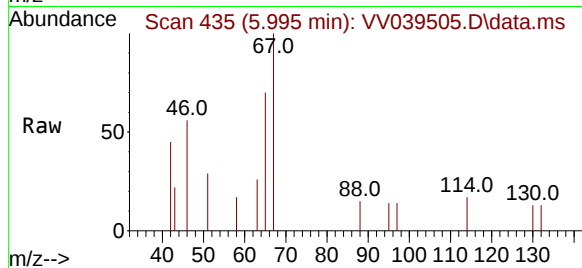




#7
1,2-Dichloropropane-d6
Concen: 0.407 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

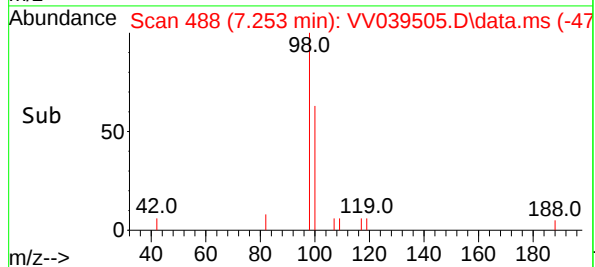
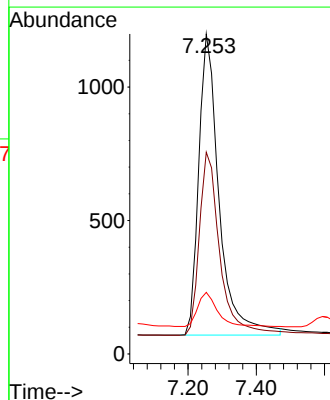
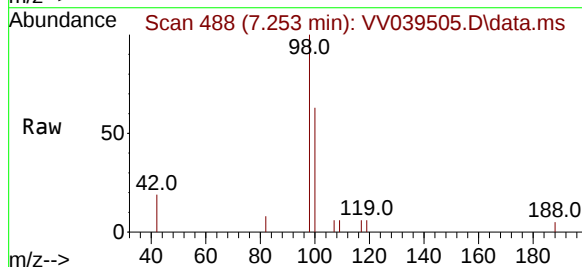
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

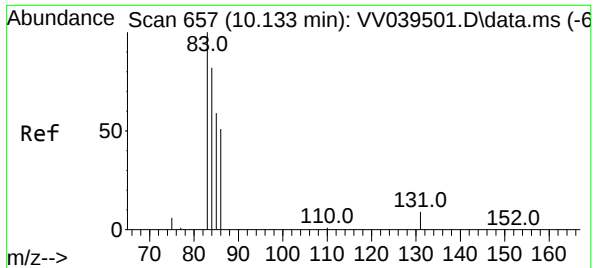
Tgt Ion:	67	Resp:	2490
Ion	Ratio	Lower	Upper
67	100		
65	63.0	37.9	56.9#
46	44.3	27.4	41.0#
42	29.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.453 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	98	Resp:	4676
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	10.9	10.1	18.7

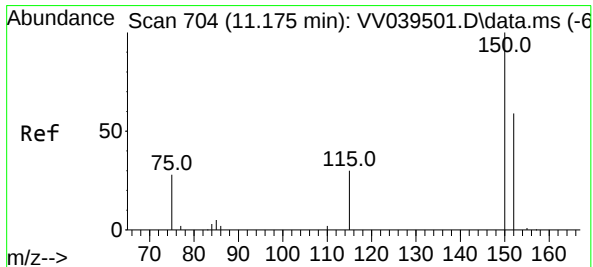
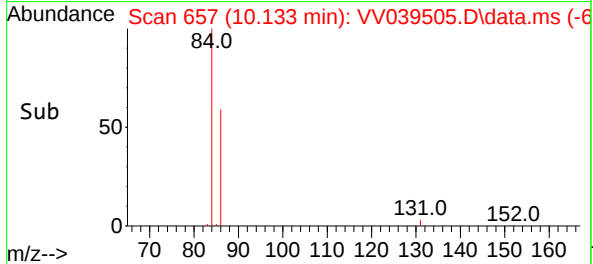
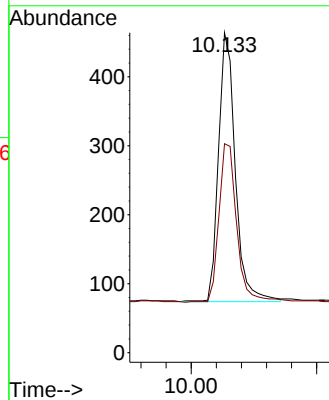
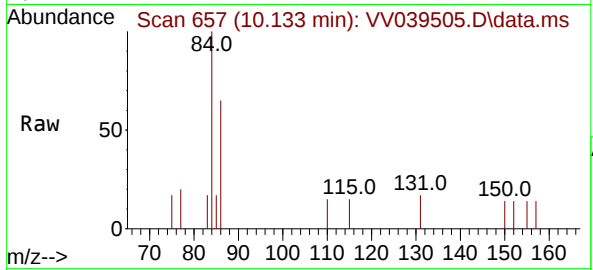




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.526 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

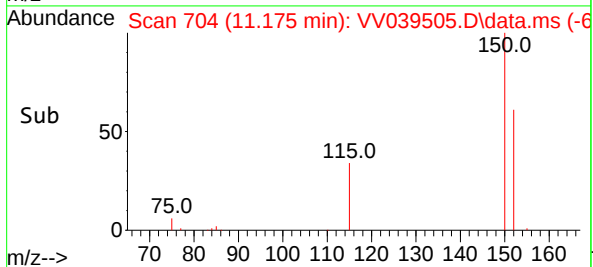
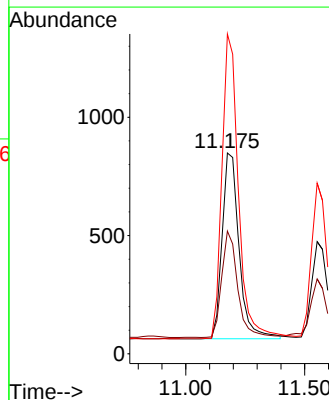
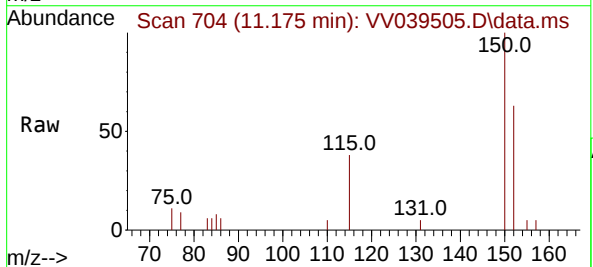
Instrument :
MSVOA_V
ClientSampleId :
EB01-120325

Tgt Ion: 84 Resp: 1813
Ion Ratio Lower Upper
84 100
86 62.5 44.4 82.5



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039505.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 152 Resp: 3880
Ion Ratio Lower Upper
152 100
115 54.2 0.0 101.6
150 159.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039478.D
Acq On : 05 Dec 2025 14:37
Operator : SY/MD
Sample : Q3757-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 22:49:02 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	6676	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6644	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3356	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3973	0.592	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	118.000%
4) 1,2-Dichloroethane-d4	4.993	65	1923	0.433	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	2233	0.398	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.253	98	4118	0.435	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1578	0.500	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.000%

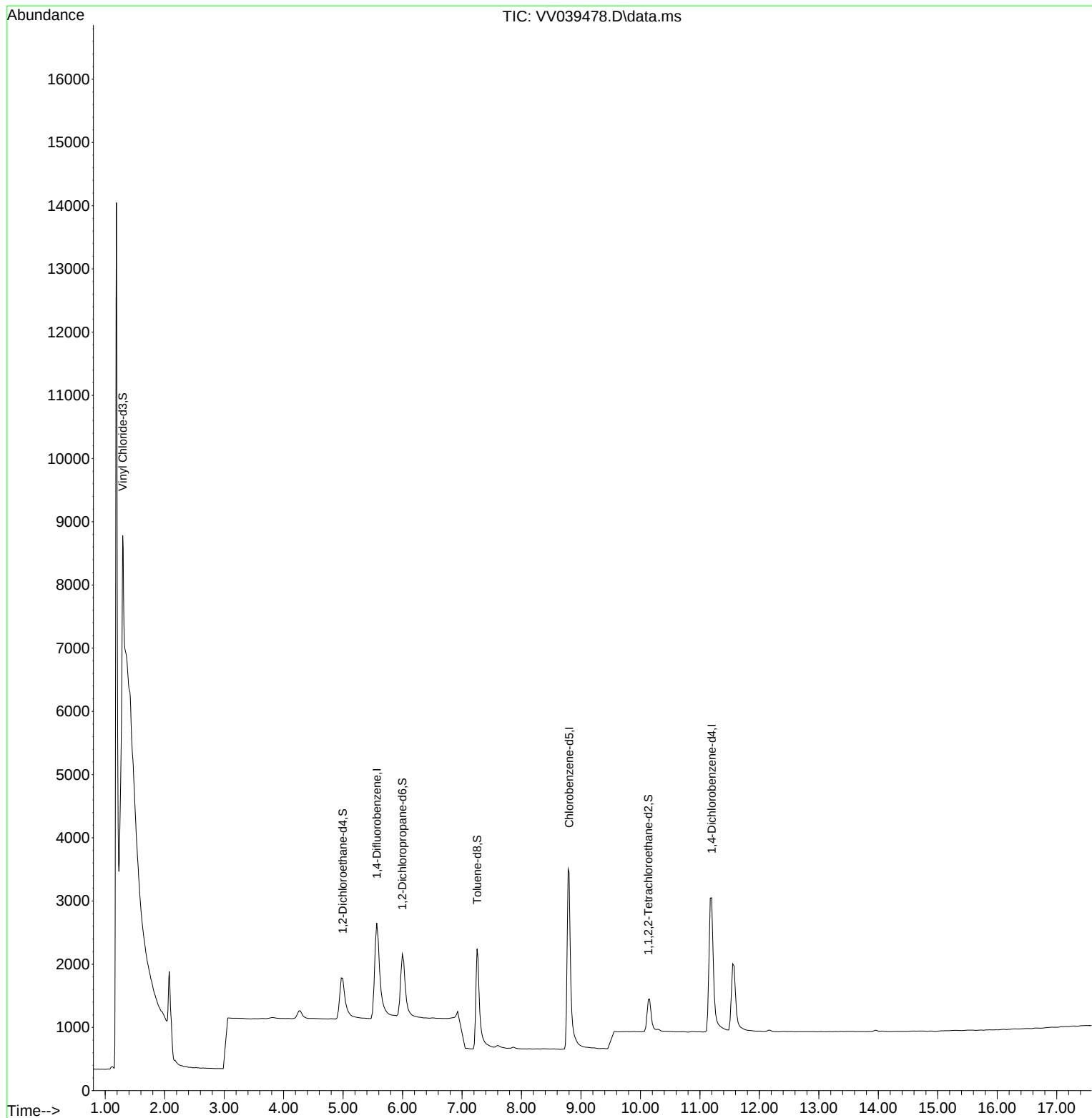
Target Compounds	Qvalue

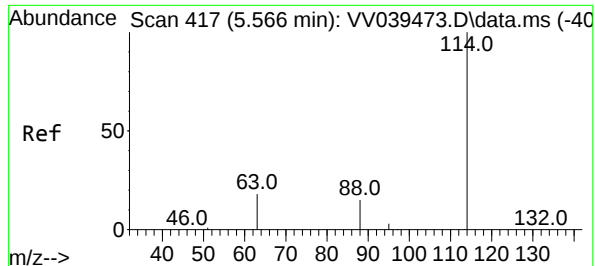
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039478.D
Acq On : 05 Dec 2025 14:37
Operator : SY/MD
Sample : Q3757-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

Quant Time: Dec 05 22:49:02 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

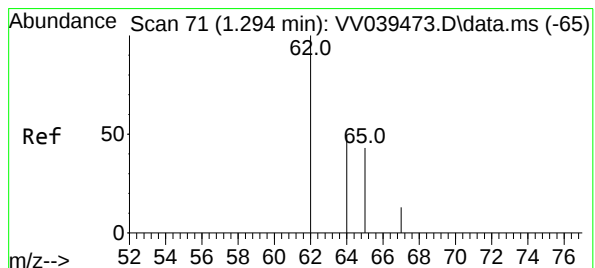
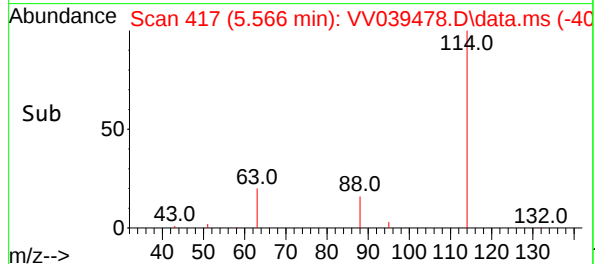
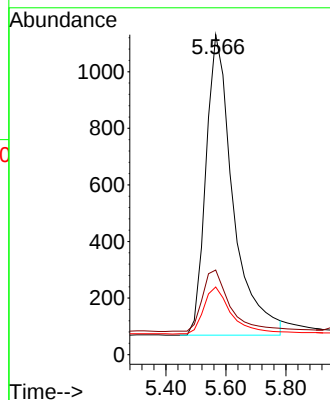
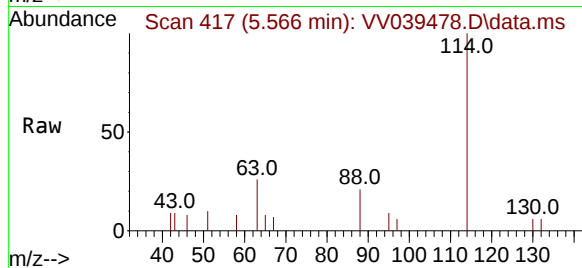




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

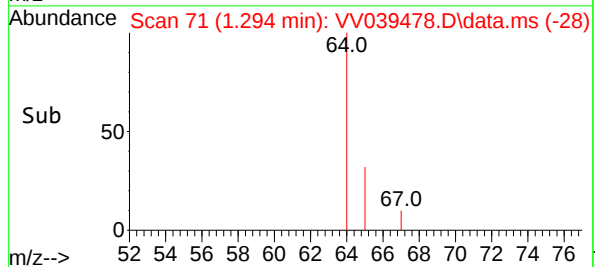
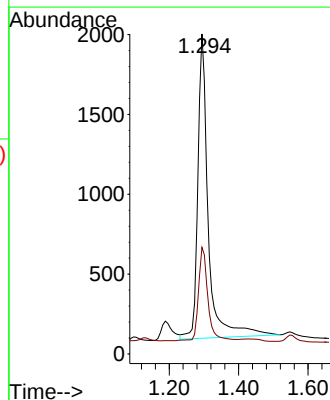
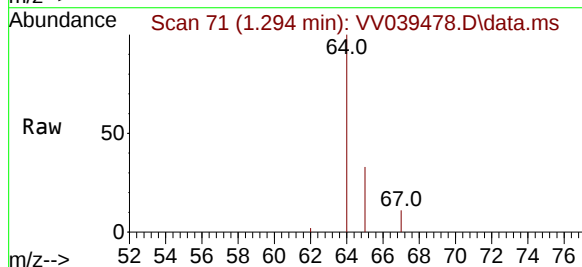
Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

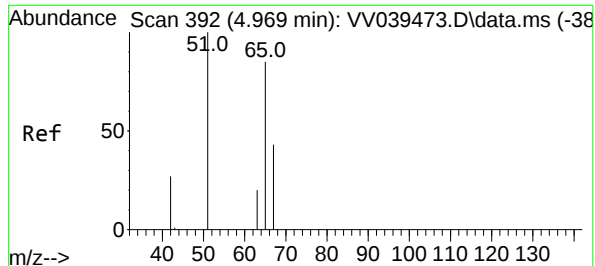
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	15.0	22.4
88	15.9	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.592 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	27.5	22.3	41.5

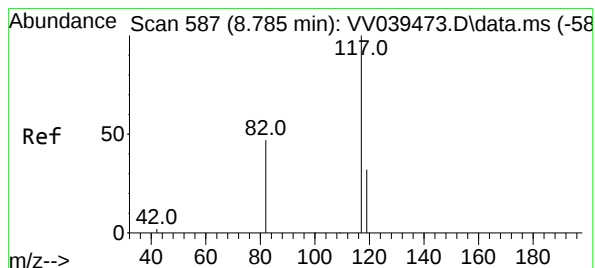
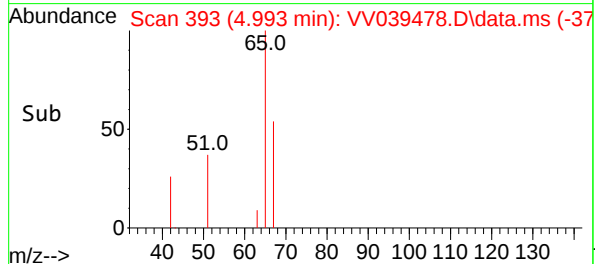
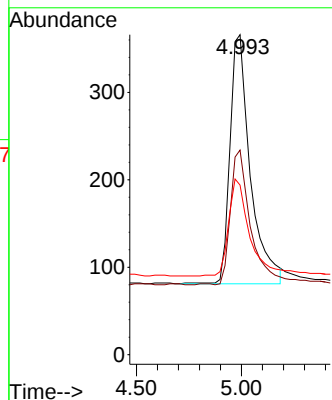
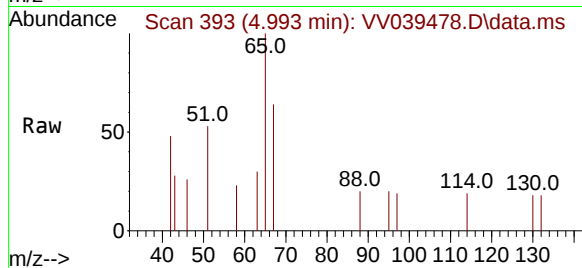




#4
1,2-Dichloroethane-d4
Concen: 0.433 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

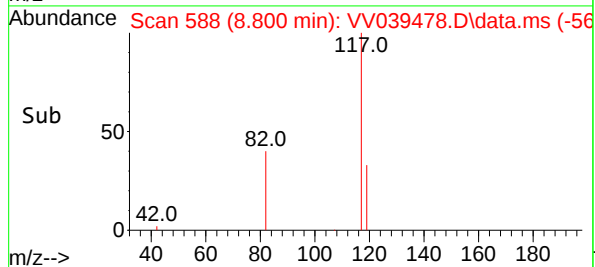
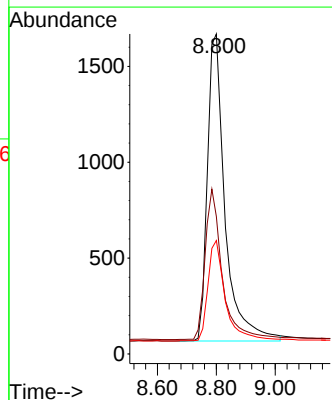
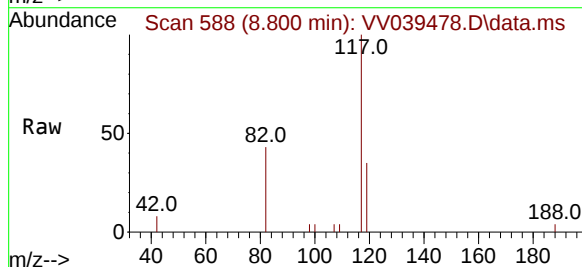
Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

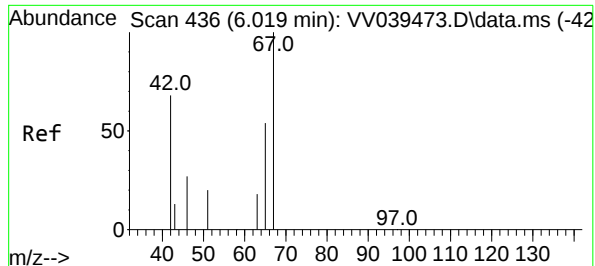
Tgt Ion: 65 Resp: 1923
Ion Ratio Lower Upper
65 100
67 52.9 32.5 60.3
51 39.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

Tgt Ion: 117 Resp: 6644
Ion Ratio Lower Upper
117 100
82 48.0 39.4 59.2
119 32.5 26.2 39.2





#7

1,2-Dichloropropane-d6

Concen: 0.398 ug/L

RT: 5.995 min Scan# 41

Delta R.T. -0.024 min

Lab File: VV039478.D

Acq: 05 Dec 2025 14:37

Instrument :

MSVOA_V

ClientSampleId :

TB01-120325

Tgt Ion: 67 Resp: 2233

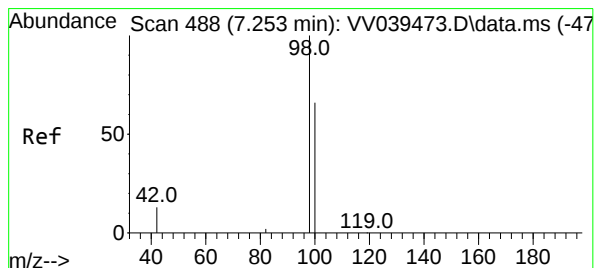
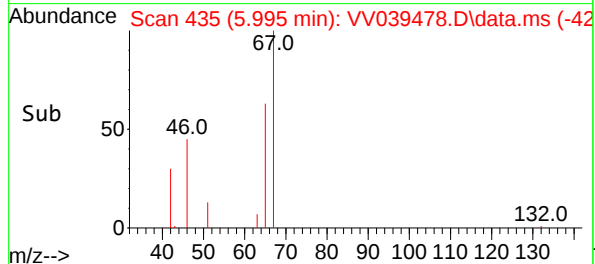
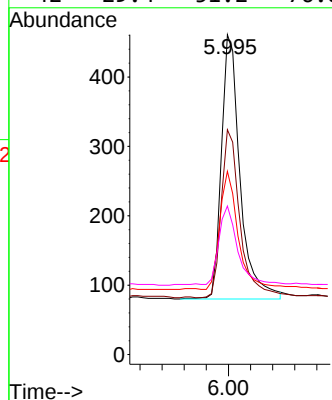
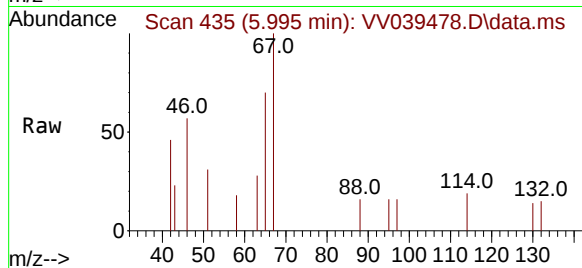
Ion Ratio Lower Upper

67 100

65 63.8 37.9 56.9#

46 43.8 27.4 41.0#

42 29.4 51.2 76.8#



#8

Toluene-d8

Concen: 0.435 ug/L

RT: 7.253 min Scan# 488

Delta R.T. 0.015 min

Lab File: VV039478.D

Acq: 05 Dec 2025 14:37

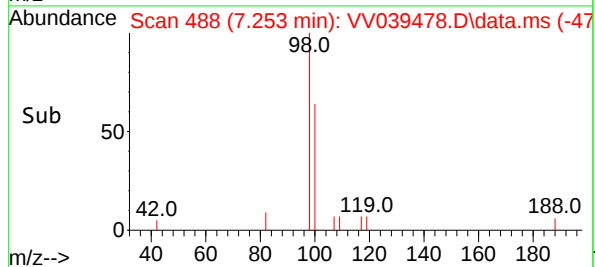
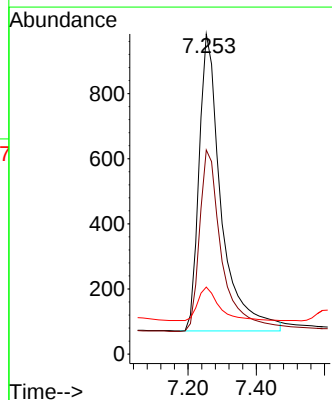
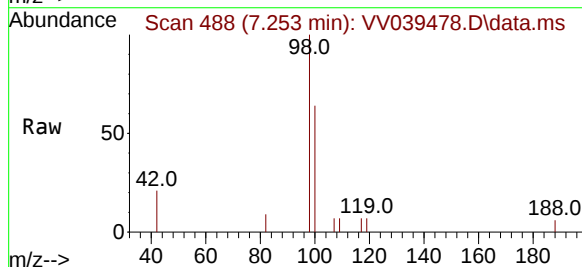
Tgt Ion: 98 Resp: 4118

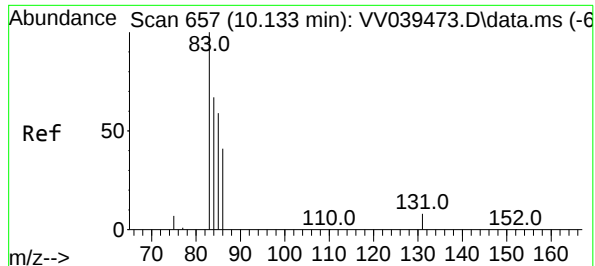
Ion Ratio Lower Upper

98 100

100 61.8 44.5 82.7

42 10.7 10.1 18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.500 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039478.D

Acq: 05 Dec 2025 14:37

Instrument :

MSVOA_V

ClientSampleId :

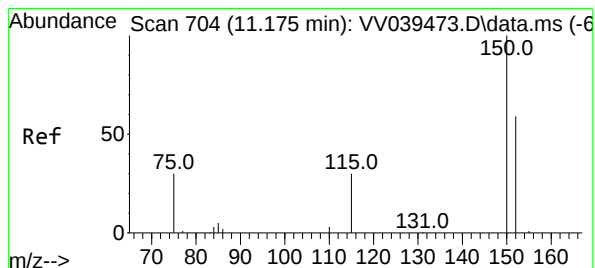
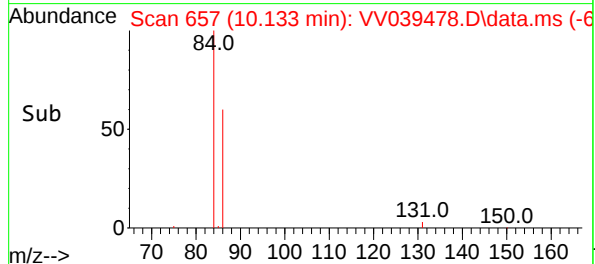
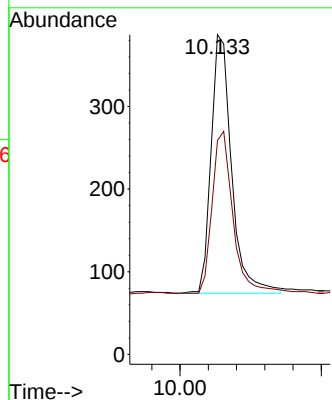
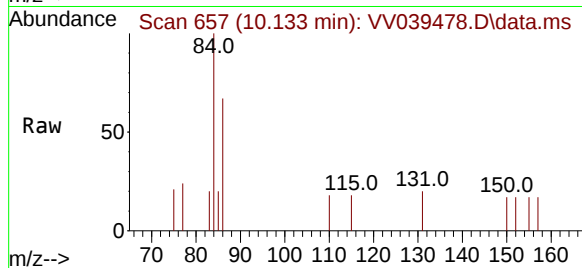
TB01-120325

Tgt Ion: 84 Resp: 1578

Ion Ratio Lower Upper

84 100

86 63.1 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: VV039478.D

Acq: 05 Dec 2025 14:37

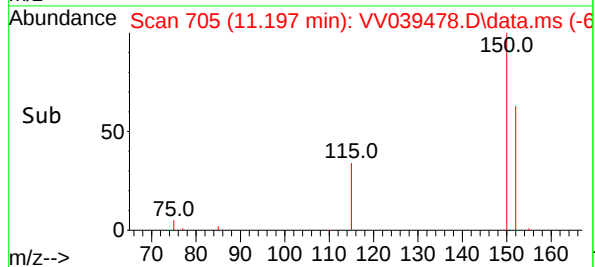
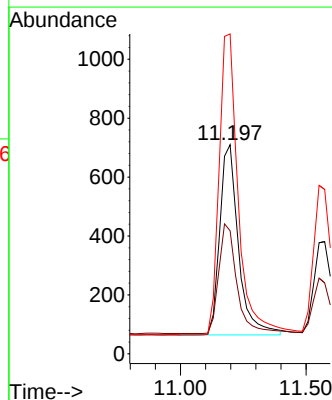
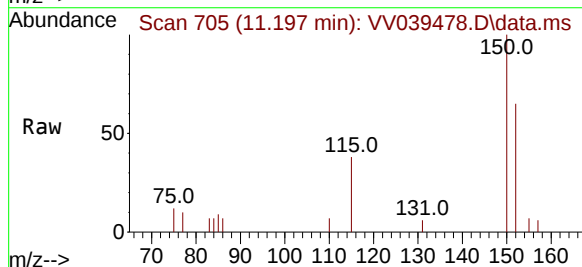
Tgt Ion: 152 Resp: 3356

Ion Ratio Lower Upper

152 100

115 55.5 0.0 101.6

150 160.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039514.D
 Acq On : 09 Dec 2025 18:51
 Operator : SY/MD
 Sample : Q3757-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Manual Integrations APPROVED

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

Quant Time: Dec 10 01:18:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5508	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5536	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2897	0.500	ug/L	0.02

System Monitoring Compounds

2) Vinyl Chloride-d3	1.295	65	3141m	0.581	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	116.000%
4) 1,2-Dichloroethane-d4	4.994	65	1787	0.487	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	5.996	67	2060	0.441	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	3801	0.482	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1502	0.571	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%

Target Compounds Qvalue

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

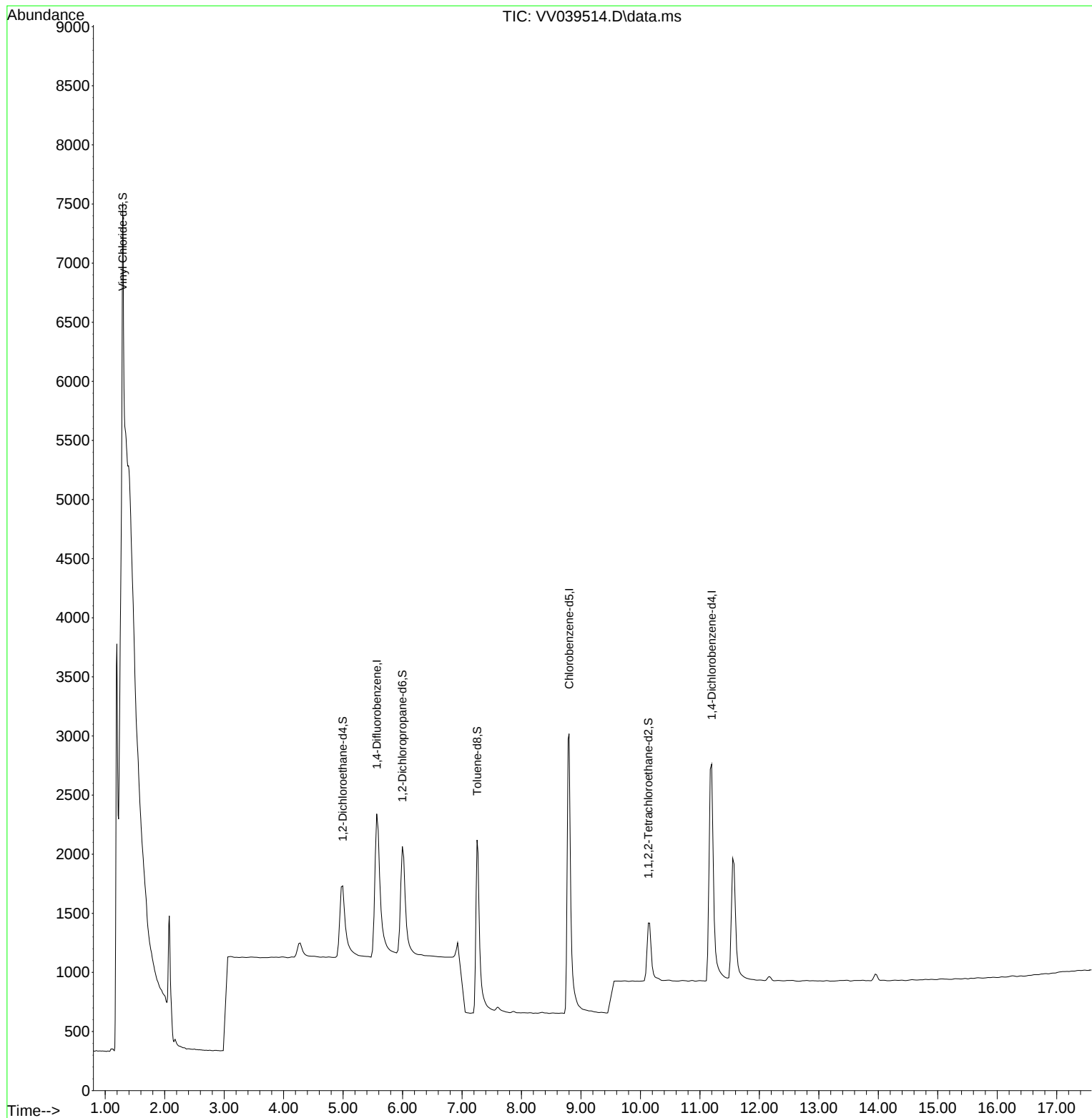
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039514.D
Acq On : 09 Dec 2025 18:51
Operator : SY/MD
Sample : Q3757-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

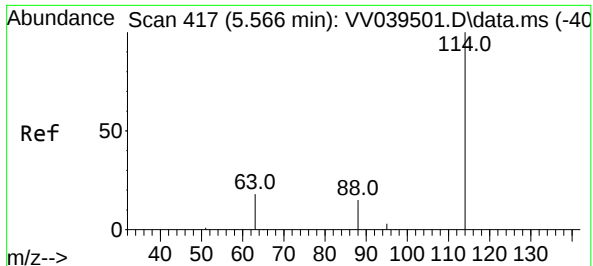
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Manual Integrations
APPROVED

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

Quant Time: Dec 10 01:18:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration





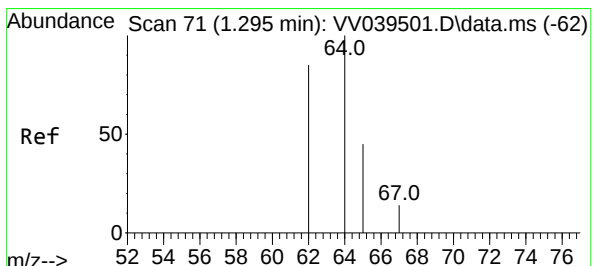
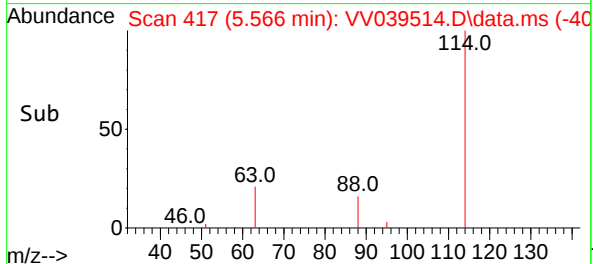
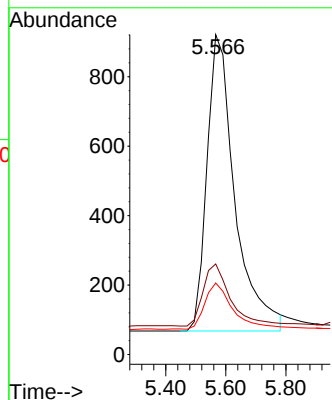
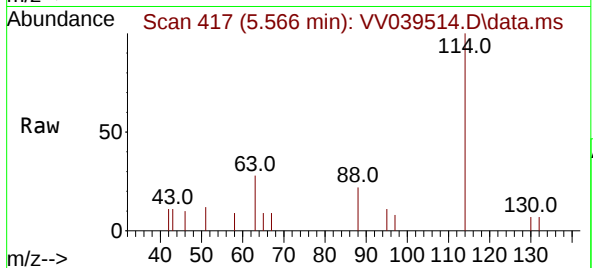
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 114 Resp: 5508
Ion Ratio Lower Upper
114 100
63 20.6 15.0 22.4
88 15.6 12.0 18.0

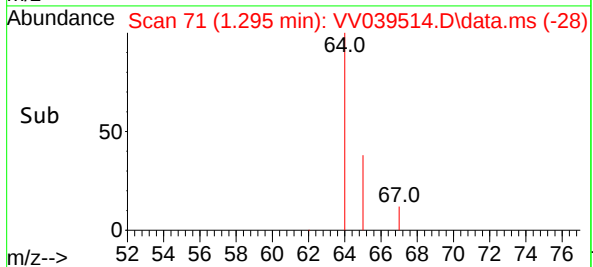
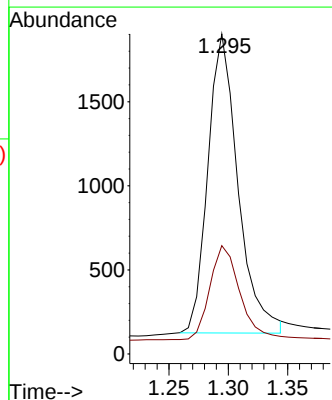
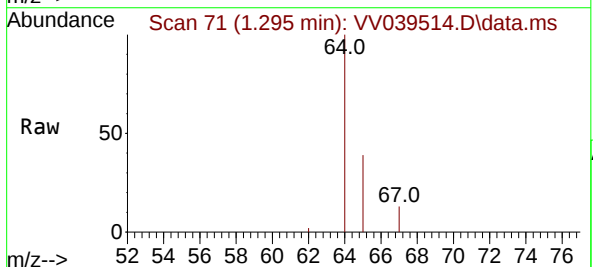
Manual Integrations
APPROVED

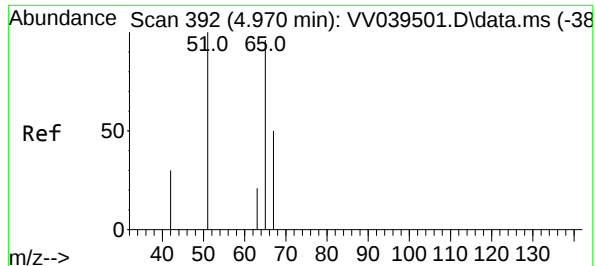
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.581 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Tgt Ion: 65 Resp: 3141
Ion Ratio Lower Upper
65 100
67 34.3 22.3 41.5





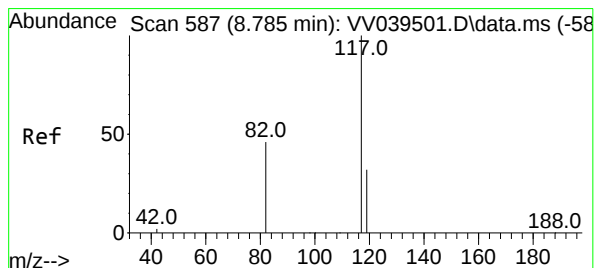
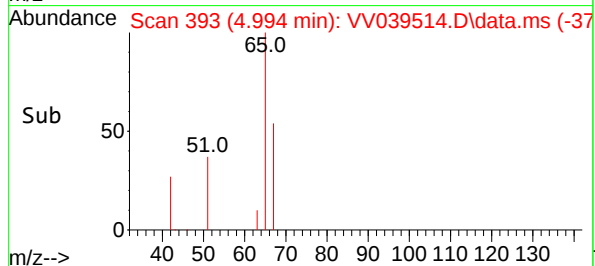
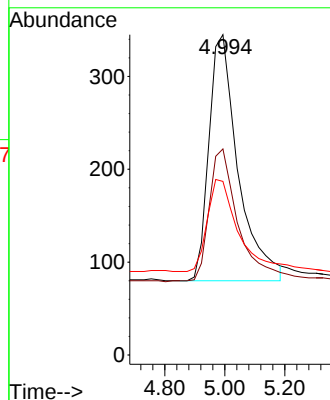
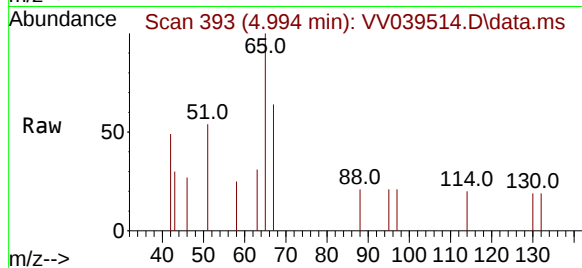
#4
1,2-Dichloroethane-d4
Concen: 0.487 ug/L
RT: 4.994 min Scan# 392
Delta R.T. 0.025 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 65 Resp: 178
Ion Ratio Lower Upper
65 100
67 53.8 32.5 60.3
51 39.1 121.4 225.6

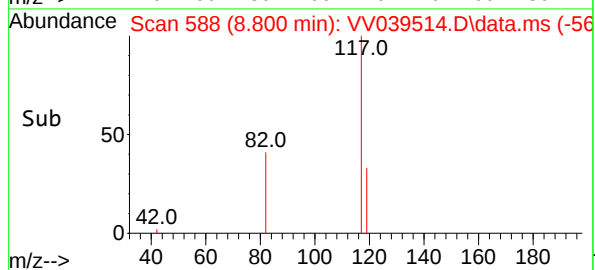
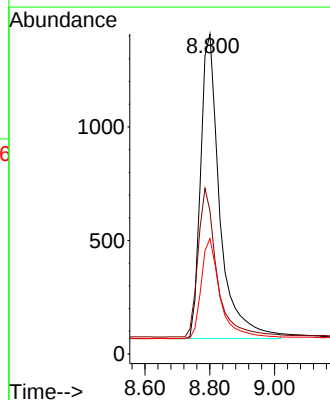
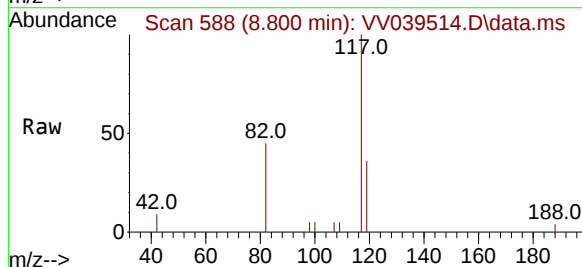
Manual Integrations
APPROVED

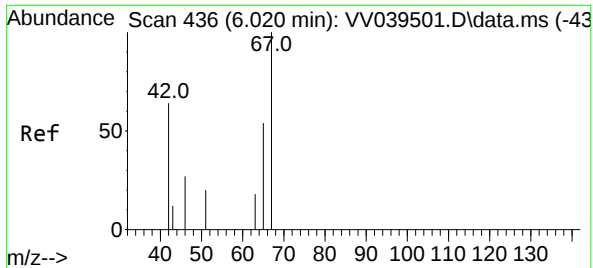
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

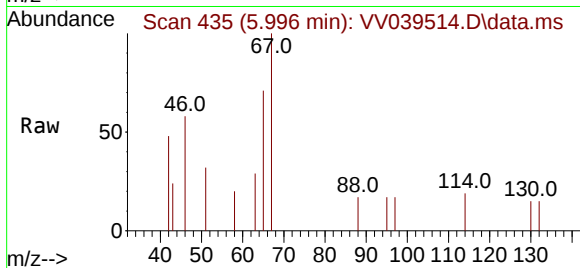
Tgt Ion:117 Resp: 5536
Ion Ratio Lower Upper
117 100
82 47.9 39.4 59.2
119 32.6 26.2 39.2





#7
1,2-Dichloropropane-d6
Concen: 0.441 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

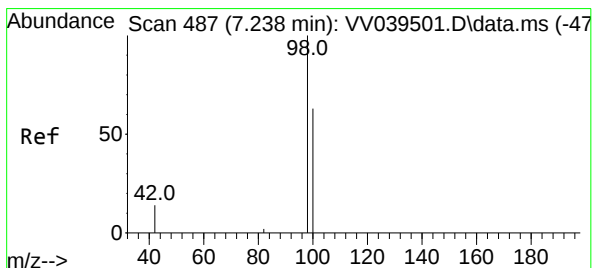
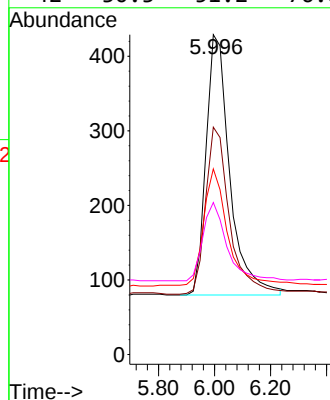
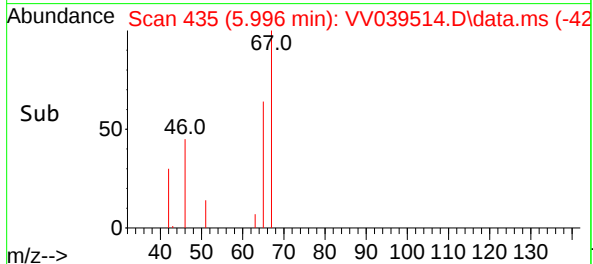
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001



Tgt Ion:	67	Resp:	2060
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9
46	45.7	27.4	41.0
42	30.3	51.2	76.8

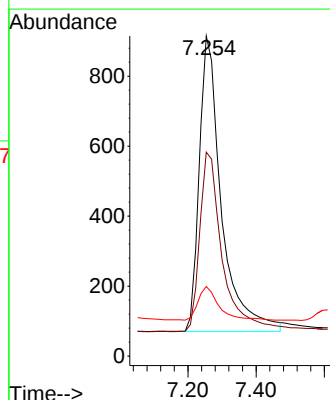
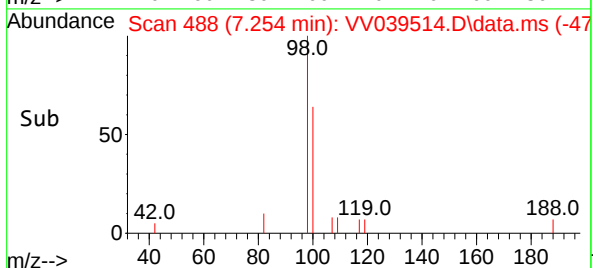
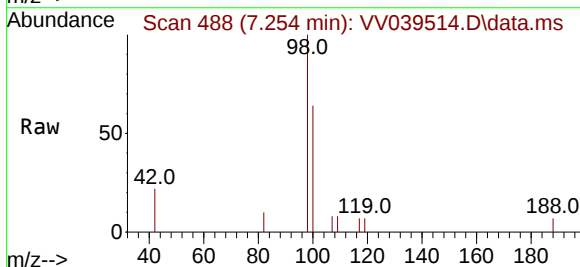
Manual Integrations
APPROVED

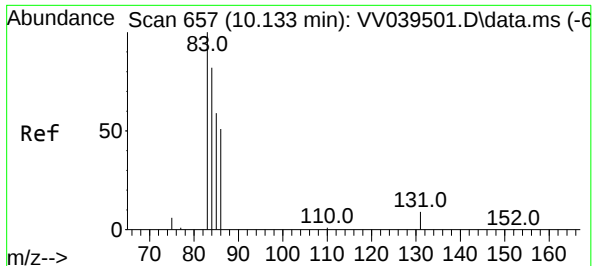
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#8
Toluene-d8
Concen: 0.482 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039514.D
Acq: 09 Dec 2025 18:51

Tgt Ion:	98	Resp:	3801
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	10.5	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.571 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039514.D

Acq: 09 Dec 2025 18:51

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 84 Resp: 150

Ion Ratio Lower Upper

84 100

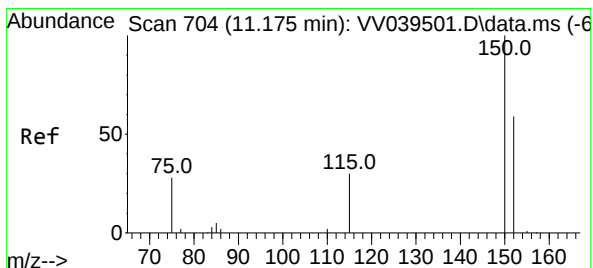
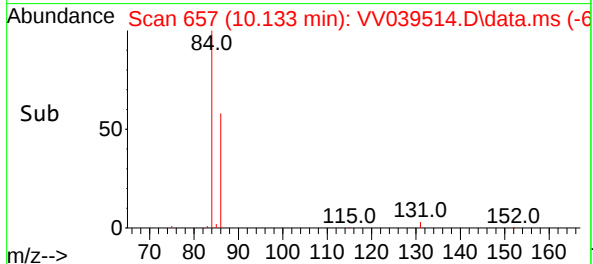
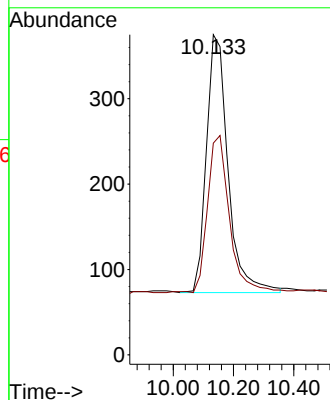
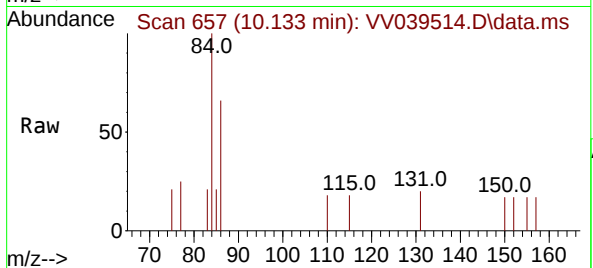
86 61.6 44.4 82.5

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: 11.198 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039514.D

Acq: 09 Dec 2025 18:51

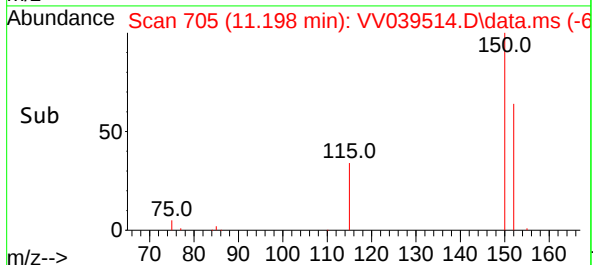
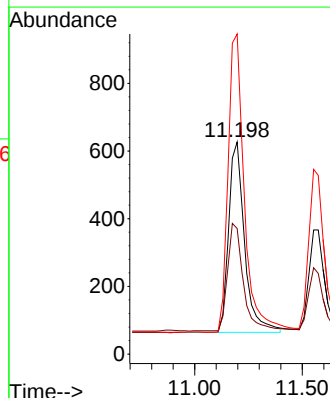
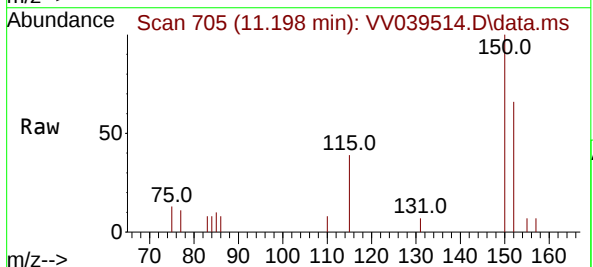
Tgt Ion:152 Resp: 2897

Ion Ratio Lower Upper

152 100

115 55.4 0.0 101.6

150 159.1 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

A
B
C
D
E
F
G
H
I
J

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%

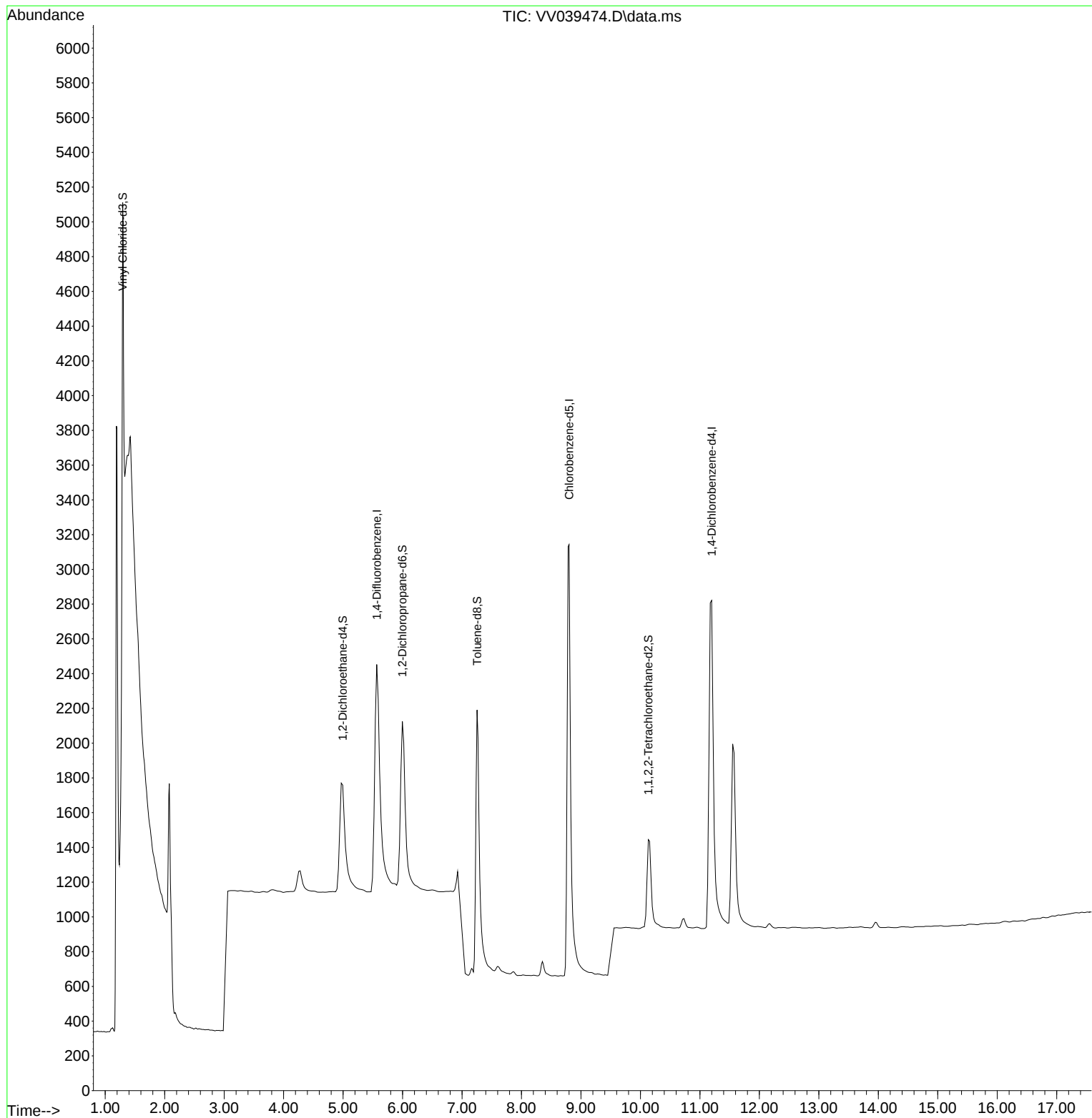
Target Compounds	Qvalue

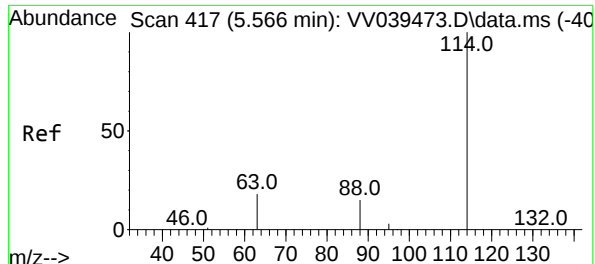
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

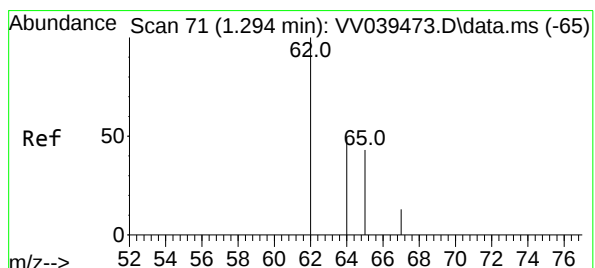
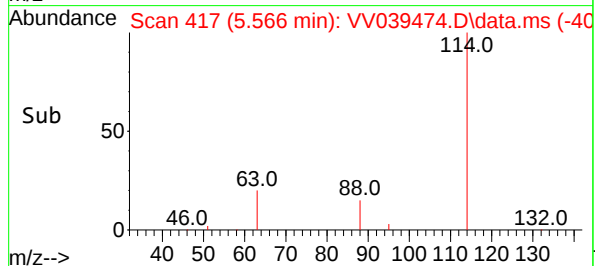
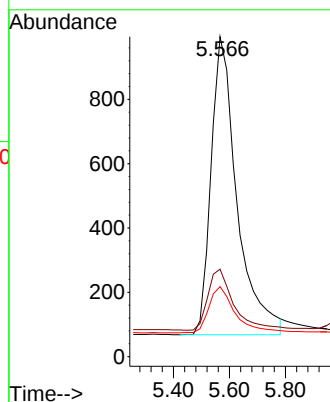
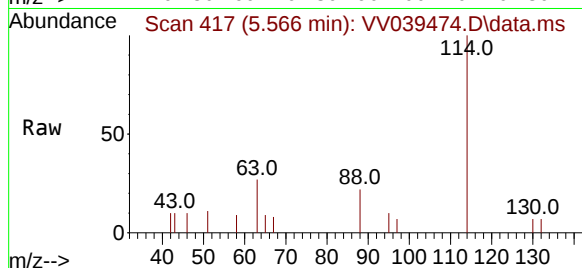




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

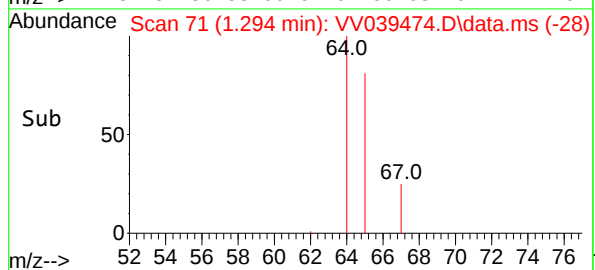
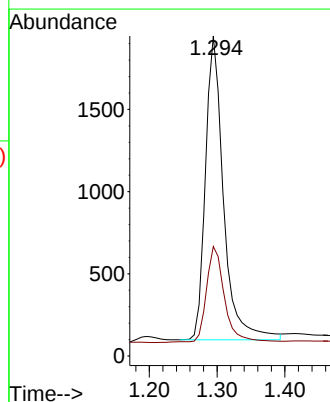
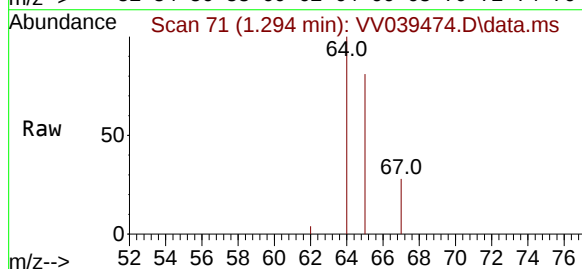
Instrument :
MSVOA_V
ClientSampleId :
VBLK236

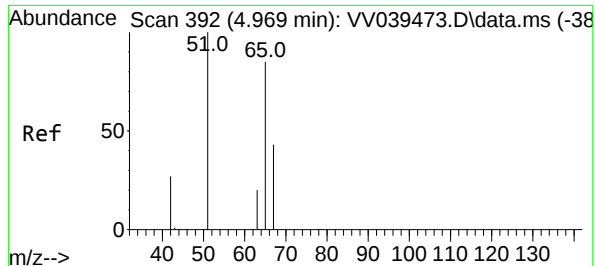
Tgt Ion:	114	Resp:	5971
Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.0	22.4
88	15.5	12.0	18.0



#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

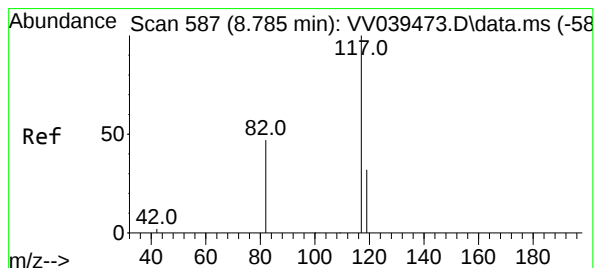
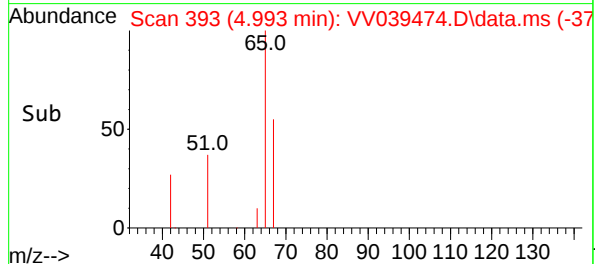
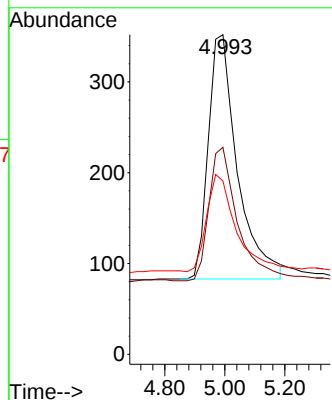
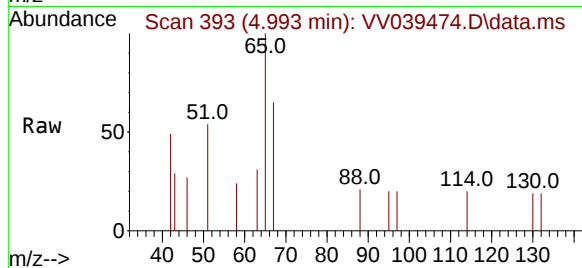




#4
1,2-Dichloroethane-d4
Concen: 0.456 ug/L
RT: 4.993 min Scan# 393
Delta R.T. 0.024 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

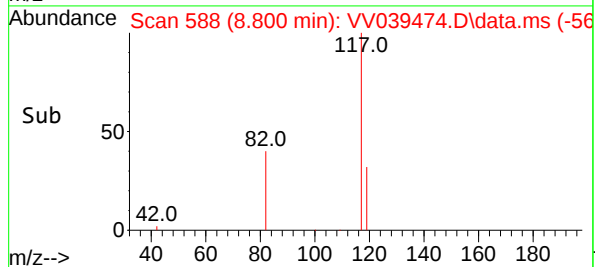
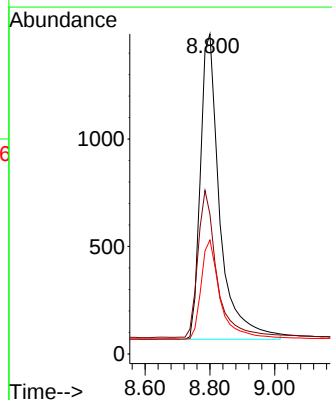
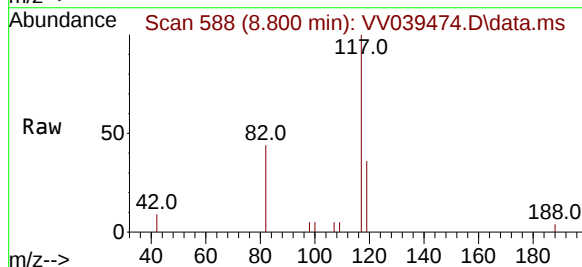
Instrument :
MSVOA_V
ClientSampleId :
VBLK236

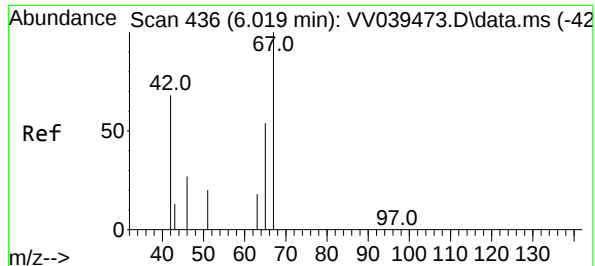
Tgt Ion: 65 Resp: 1812
Ion Ratio Lower Upper
65 100
67 53.8 32.5 60.3
51 39.2 121.4 225.6#



#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

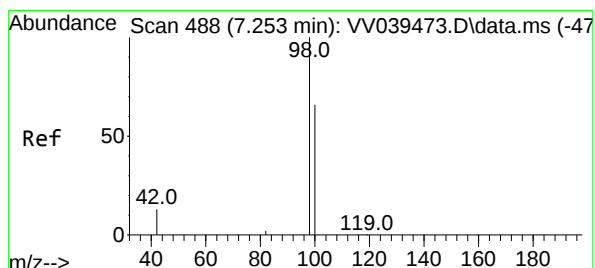
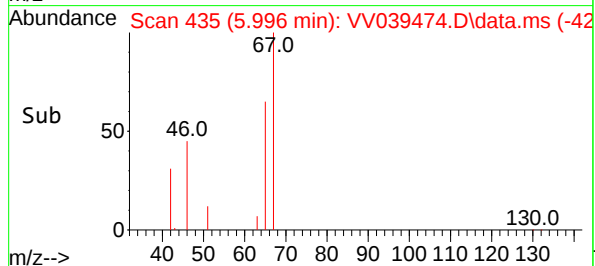
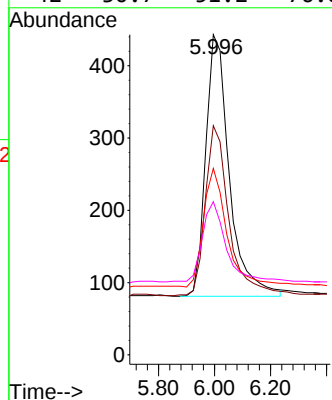
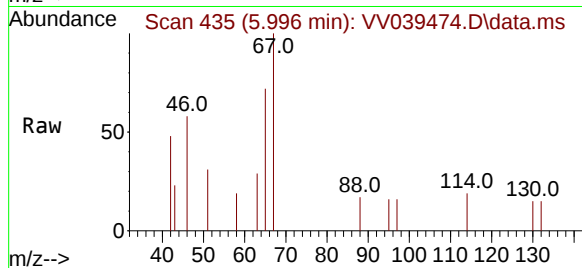




#7
1,2-Dichloropropane-d6
Concen: 0.425 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

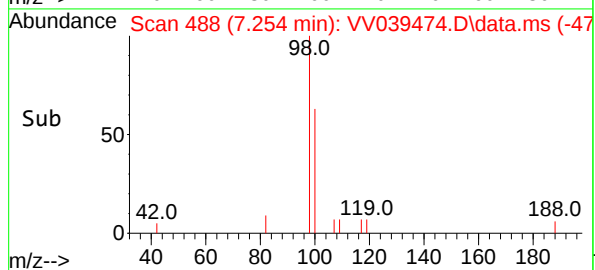
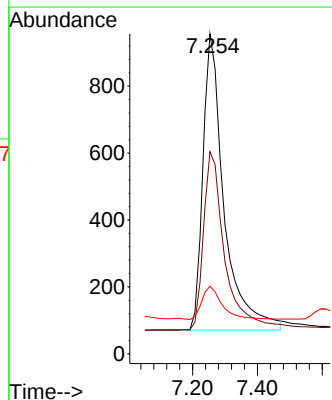
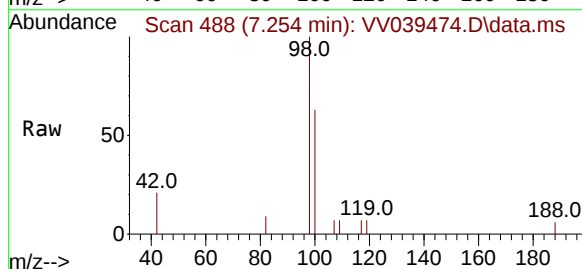
Instrument :
MSVOA_V
ClientSampleId :
VBLK236

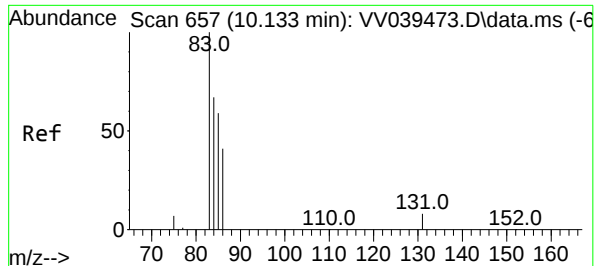
Tgt Ion:	67	Resp:	2120
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	44.4	27.4	41.0#
42	30.7	51.2	76.8#



#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 :

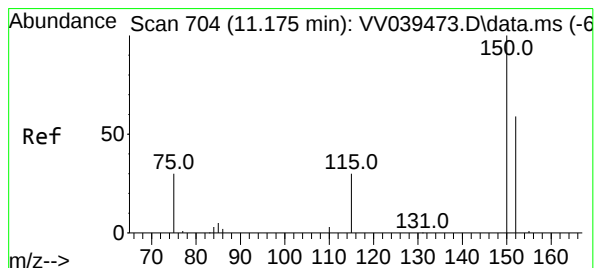
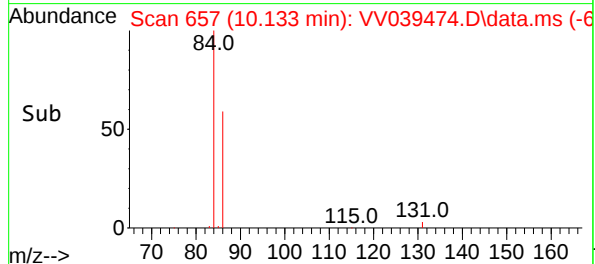
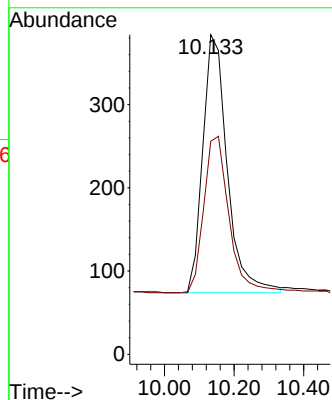
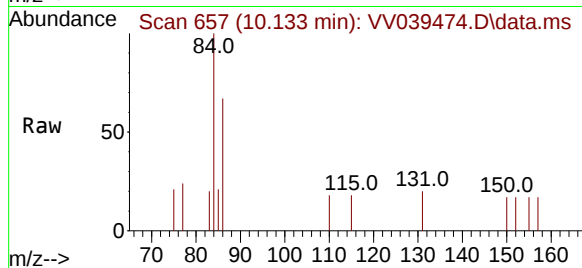
VBLK236

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

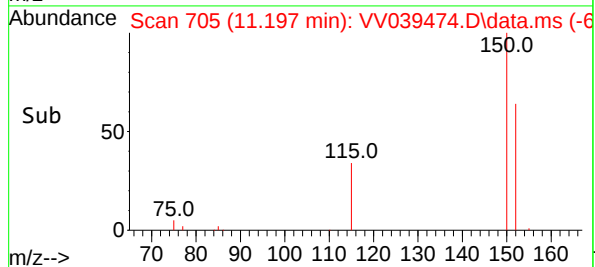
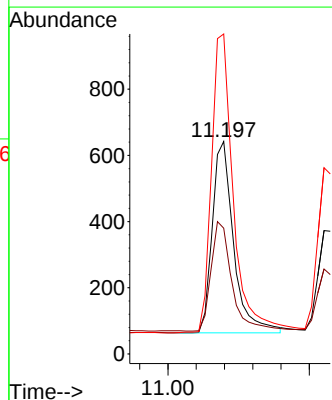
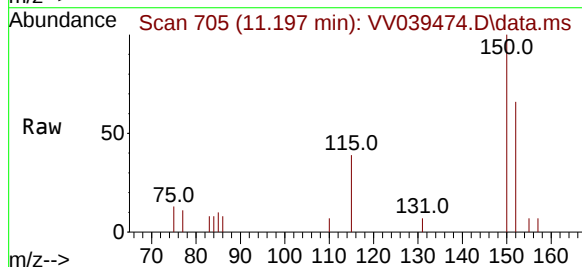
Tgt Ion: 152 Resp: 3034

Ion Ratio Lower Upper

152 100

115 55.8 0.0 101.6

150 158.4 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039502.D
Acq On : 09 Dec 2025 14:29
Operator : SY/MD
Sample : VV1209WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK238

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 10 01:16:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6387	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5976	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3086	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3547	0.566	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	1848	0.435	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.996	67	2092	0.415	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.254	98	4027	0.473	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1438	0.506	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

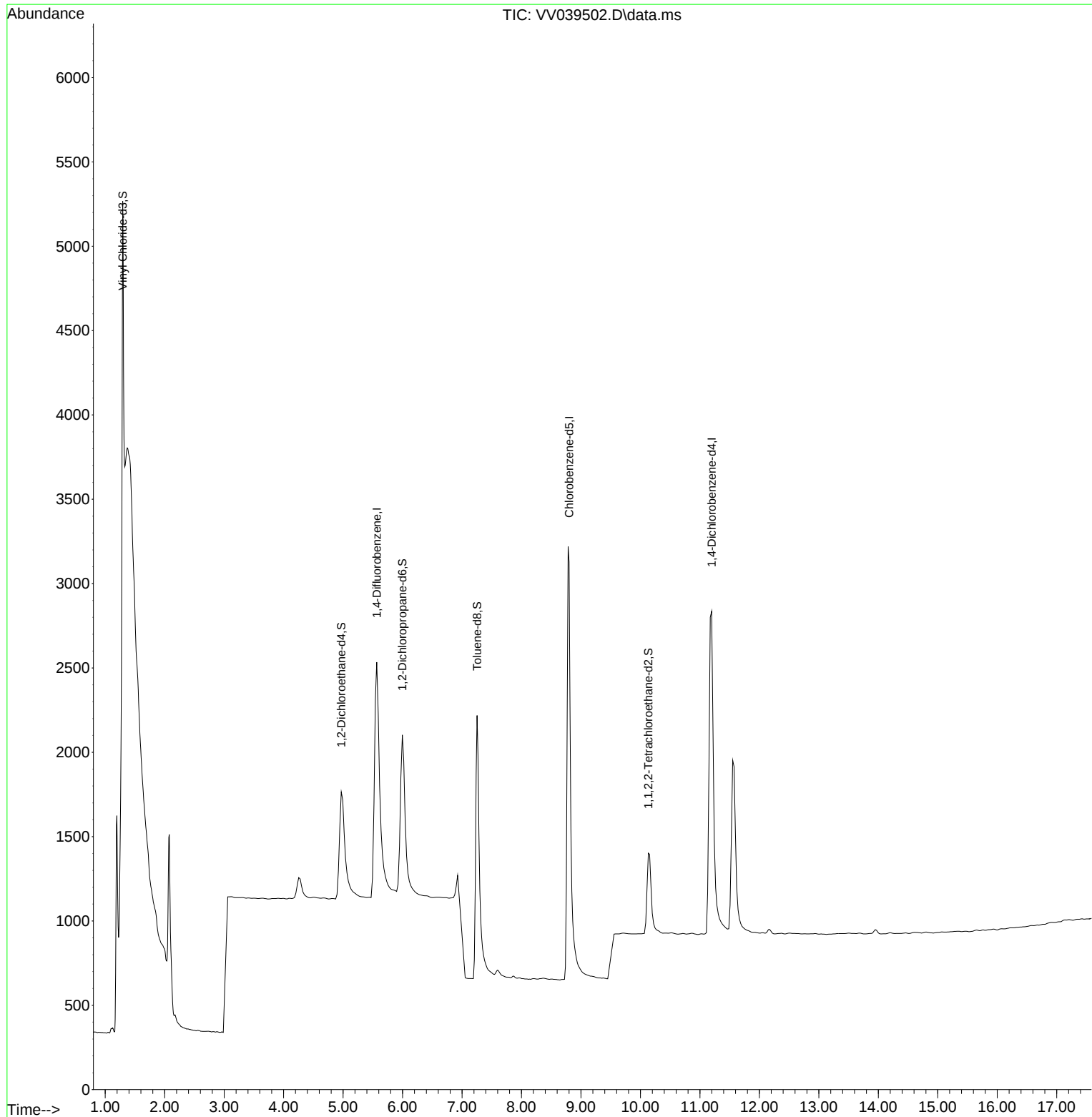
Target Compounds	Qvalue

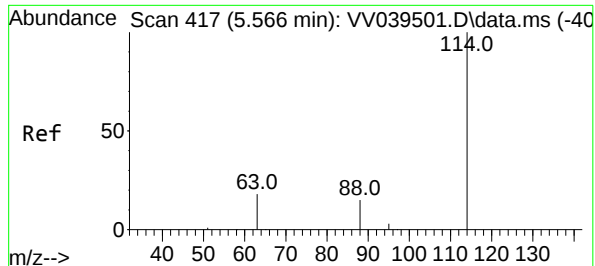
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039502.D
Acq On : 09 Dec 2025 14:29
Operator : SY/MD
Sample : VV1209WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK238

Quant Time: Dec 10 01:16:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration

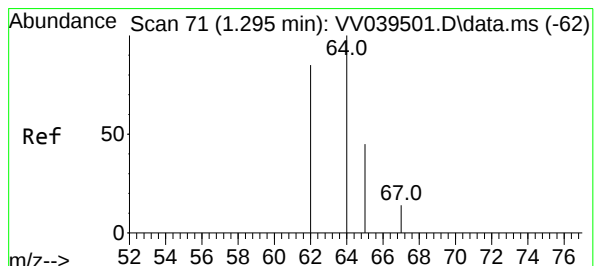
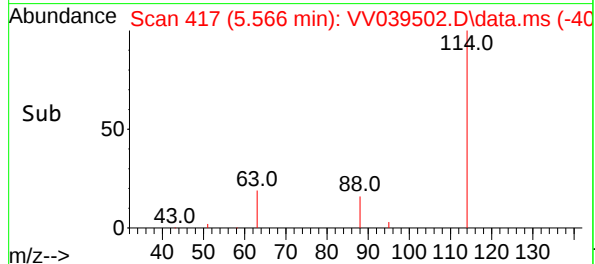
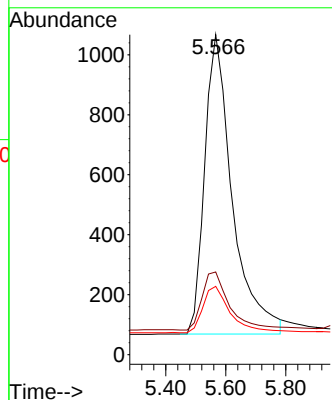
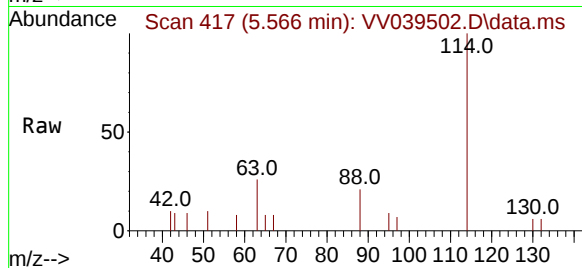




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

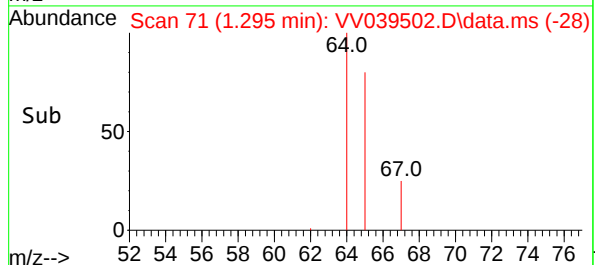
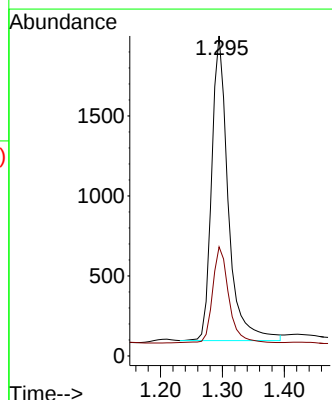
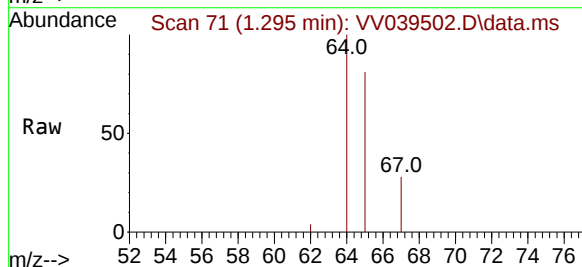
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

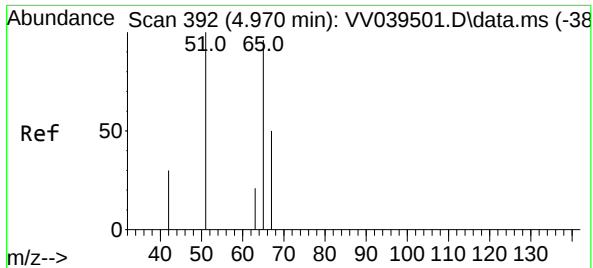
Tgt Ion:114	Resp:	6387
Ion	Ratio	Lower Upper
114	100	
63	19.4	15.0 22.4
88	15.4	12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.566 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion: 65	Resp:	3547
Ion	Ratio	Lower Upper
65	100	
67	31.5	22.3 41.5

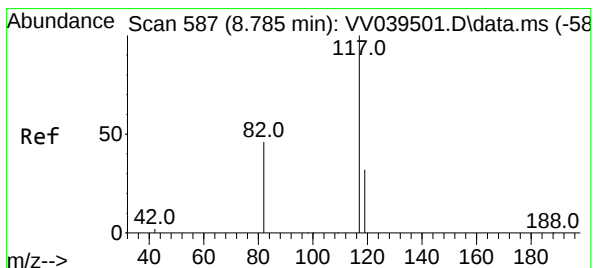
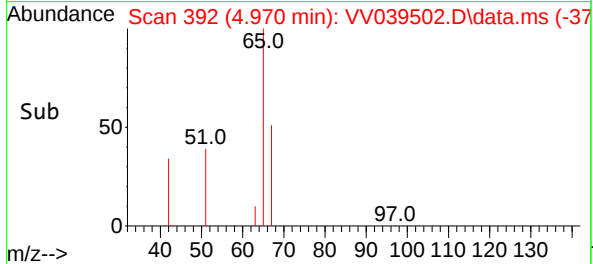
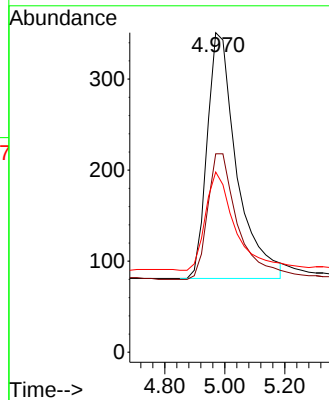
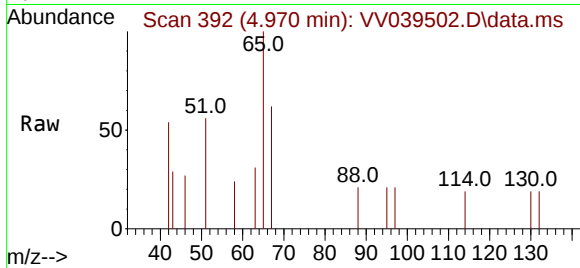




#4
1,2-Dichloroethane-d4
Concen: 0.435 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

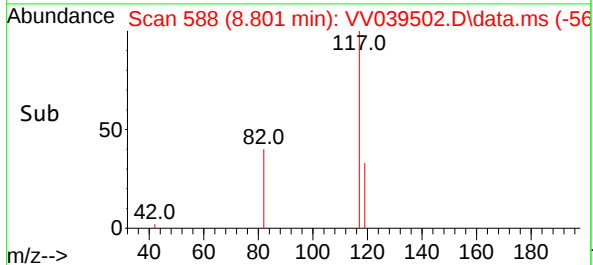
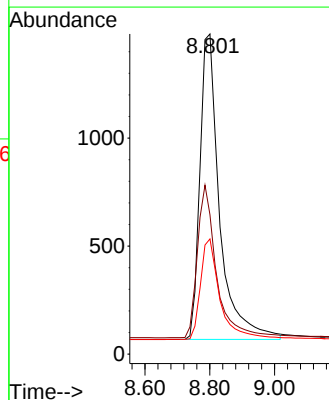
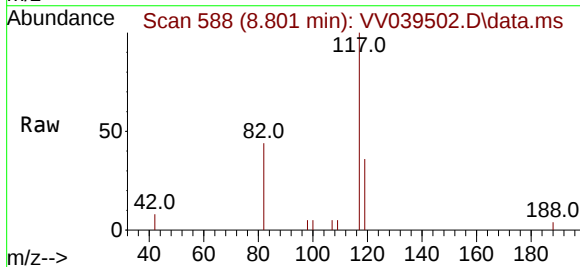
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

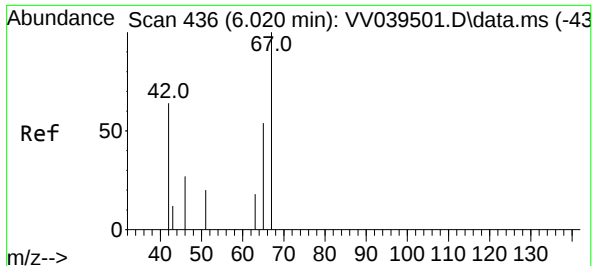
Tgt Ion: 65 Resp: 1848
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 39.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion: 117 Resp: 5976
Ion Ratio Lower Upper
117 100
82 48.7 39.4 59.2
119 32.9 26.2 39.2

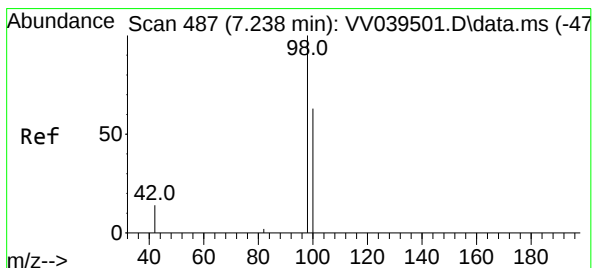
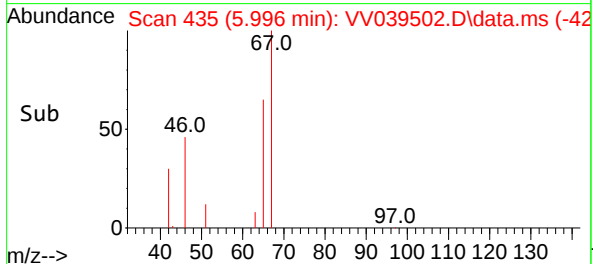
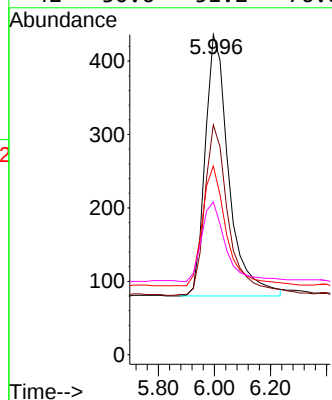
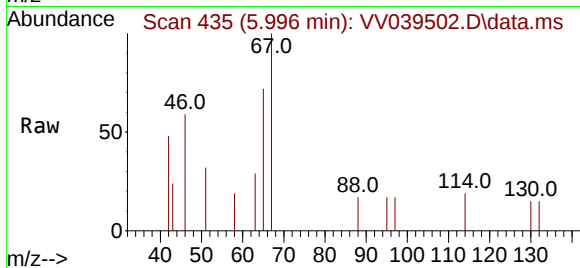




#7
1,2-Dichloropropane-d6
Concen: 0.415 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

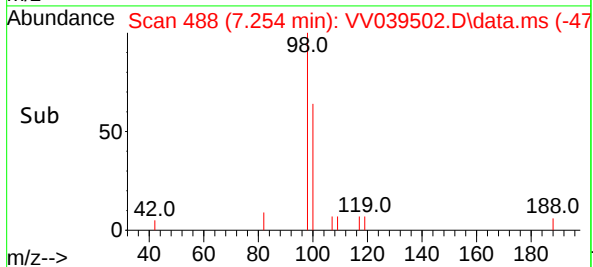
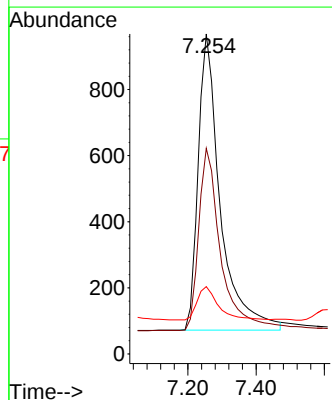
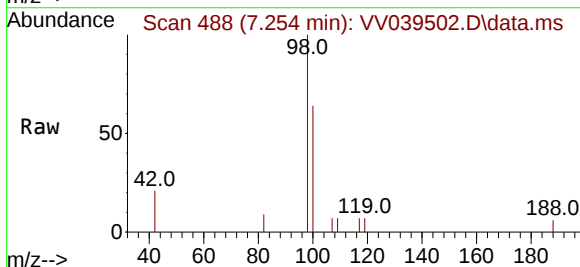
Instrument :
MSVOA_V
ClientSampleId :
VBLK238

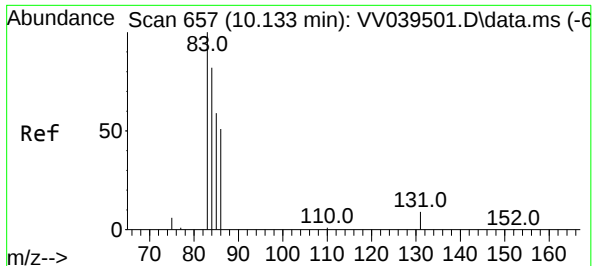
Tgt Ion:	67	Resp:	2092
Ion	Ratio	Lower	Upper
67	100		
65	65.8	37.9	56.9#
46	46.0	27.4	41.0#
42	30.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.473 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039502.D
Acq: 09 Dec 2025 14:29

Tgt Ion:	98	Resp:	4027
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	10.7	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.506 ug/L

RT: 10.133 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV039502.D

Acq: 09 Dec 2025 14:29

Instrument :

MSVOA_V

ClientSampleId :

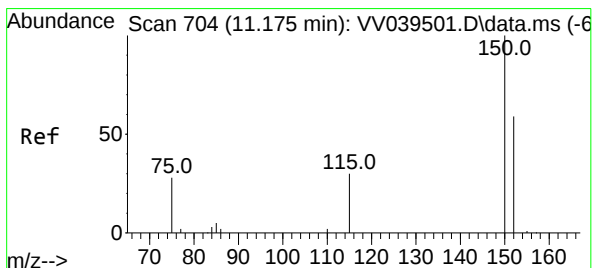
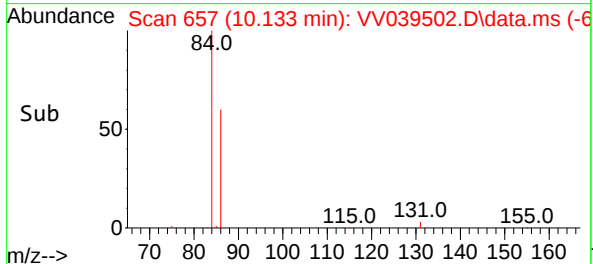
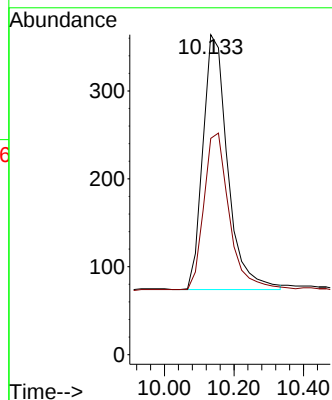
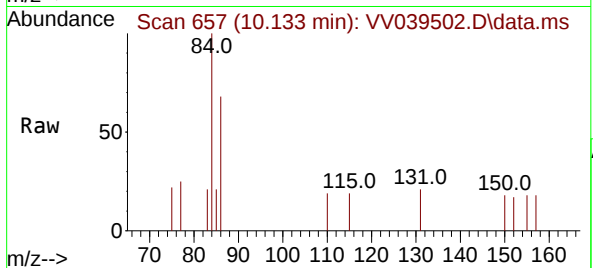
VBLK238

Tgt Ion: 84 Resp: 1438

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: VV039502.D

Acq: 09 Dec 2025 14:29

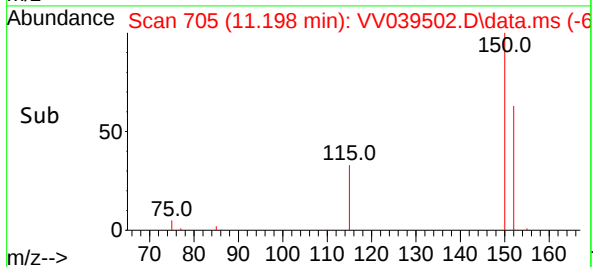
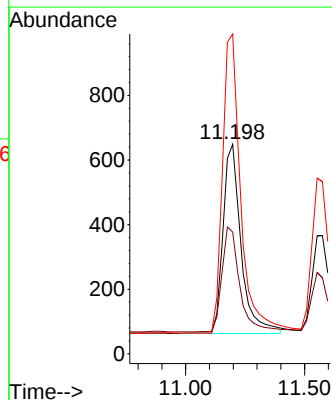
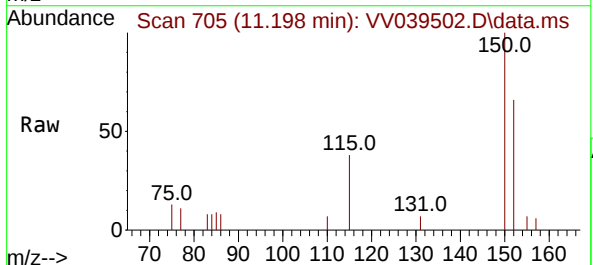
Tgt Ion: 152 Resp: 3086

Ion Ratio Lower Upper

152 100

115 54.4 0.0 101.6

150 158.6 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



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

Manual Integration Report

Sequence:	VV120525	Instrument	MSVOA_v
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:

VV120925

Instrument

MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3757-06	VV039504.D	Vinyl Chloride-d3	JOHN	12/10/2025 9:02:00 AM	MMDadoda	12/10/2025 10:09:59 AM	Peak Integrated by Software
Q3757-14	VV039514.D	Vinyl Chloride-d3	JOHN	12/10/2025 9:02:28 AM	MMDadoda	12/10/2025 10:10:20 AM	Peak Integrated by Software

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/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 # VV120925

Review By	John Carlone	Review On	12/10/2025 8:59:43 AM
Supervise By	Maresh Dadoda	Supervise On	12/10/2025 10:11:54 AM
SubDirectory	VV120925	HP Acquire Method	sim_v
		HP Processing Method	SFAMVSIM120325MA.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136595		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136592,VP136593 VP135611		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB248	VV039500.D	09 Dec 2025 12:56	SY/MD	Ok
2	VSTDCCC0.5	VV039501.D	09 Dec 2025 13:58	SY/MD	Ok
3	VV1209WBL01	VV039502.D	09 Dec 2025 14:29	SY/MD	Ok
4	Q3757-02	VV039503.D	09 Dec 2025 15:00	SY/MD	Ok
5	Q3757-06	VV039504.D	09 Dec 2025 15:21	SY/MD	Ok,M
6	Q3757-11	VV039505.D	09 Dec 2025 15:42	SY/MD	Ok
7	Q3787-08	VV039506.D	09 Dec 2025 16:03	SY/MD	Ok
8	Q3787-10	VV039507.D	09 Dec 2025 16:24	SY/MD	Ok
9	Q3787-12	VV039508.D	09 Dec 2025 16:45	SY/MD	Ok
10	Q3787-14	VV039509.D	09 Dec 2025 17:06	SY/MD	Ok
11	Q3787-16	VV039510.D	09 Dec 2025 17:27	SY/MD	Ok,M
12	Q3787-18	VV039511.D	09 Dec 2025 17:48	SY/MD	Ok,M
13	Q3787-20	VV039512.D	09 Dec 2025 18:09	SY/MD	Ok,M
14	VIBLK234	VV039513.D	09 Dec 2025 18:30	SY/MD	Ok,M
15	Q3757-14	VV039514.D	09 Dec 2025 18:51	SY/MD	Ok,M
16	VSTDCCC0.5EC	VV039515.D	09 Dec 2025 19:12	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 # 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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV120925

Review By	John Carlone	Review On	12/10/2025 8:59:43 AM
Supervise By	Maresh Dadoda	Supervise On	12/10/2025 10:11:54 AM
SubDirectory	VV120925	HP Acquire Method	sim_v
		HP Processing Method	SFAMVSIM120325MA.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP136595
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136592,VP136593 VP135611

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB248	BFB248	VV039500.D	09 Dec 2025 12:56		SY/MD	Ok
2	VSTDCCC0.5	VSTD0.5339	VV039501.D	09 Dec 2025 13:58	pH#lot#v14222	SY/MD	Ok
3	VV1209WBL01	VBLK238	VV039502.D	09 Dec 2025 14:29		SY/MD	Ok
4	Q3757-02	MW-14A-17.5-120325-SI	VV039503.D	09 Dec 2025 15:00	pH#1.0 B	SY/MD	Ok
5	Q3757-06	MW-14B-46-120325-SI	VV039504.D	09 Dec 2025 15:21	pH#1.0 B	SY/MD	Ok,M
6	Q3757-11	EB01-120325	VV039505.D	09 Dec 2025 15:42	EB	SY/MD	Ok
7	Q3787-08	OWBR-02-170-120425-SI	VV039506.D	09 Dec 2025 16:03	pH#1.0 A	SY/MD	Ok
8	Q3787-10	OWBR-02-170-120425-SI	VV039507.D	09 Dec 2025 16:24	pH#1.0 A	SY/MD	Ok
9	Q3787-12	OW-03B-51.5-120425-SI	VV039508.D	09 Dec 2025 16:45	pH#1.0 A	SY/MD	Ok
10	Q3787-14	OW-03B-51.5-120425-SI	VV039509.D	09 Dec 2025 17:06	pH#1.0 A	SY/MD	Ok
11	Q3787-16	OW-08B-72.5-120425-SI	VV039510.D	09 Dec 2025 17:27	pH#1.0 A	SY/MD	Ok,M
12	Q3787-18	OW-08B-72.5-120425-SI	VV039511.D	09 Dec 2025 17:48	pH#1.0 A	SY/MD	Ok,M
13	Q3787-20	OW-02B-21.2-120425-SI	VV039512.D	09 Dec 2025 18:09	pH#1.0 A	SY/MD	Ok,M
14	VIBLK234	VIBLK234	VV039513.D	09 Dec 2025 18:30		SY/MD	Ok,M
15	Q3757-14	VHBLK001	VV039514.D	09 Dec 2025 18:51	pH#1.0 A ,SB	SY/MD	Ok,M
16	VSTDCCC0.5EC	VSTD0.5340	VV039515.D	09 Dec 2025 19:12		SY/MD	Ok

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3757	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
Q3757-01	MW-14A-17.5-120325	Water	VOCMS Group3	8260-Low	12/03/25		12/05/25	12/03/25
Q3757-02	MW-14A-17.5-120325 -SIM	Water	VOC-SIM	SFAM_VOCSI M	12/03/25		12/09/25	12/03/25
Q3757-03	BR-03D-490-120325	Water	VOCMS Group3	8260-Low	12/03/25		12/05/25	12/03/25
Q3757-05	MW-14B-46-120325	Water	VOCMS Group3	8260-Low	12/03/25		12/05/25	12/03/25
Q3757-05RE	MW-14B-46-120325R E	Water	VOCMS Group3	8260-Low	12/03/25		12/08/25	12/03/25
Q3757-06	MW-14B-46-120325-S IM	Water	VOC-SIM	SFAM_VOCSI M	12/03/25		12/09/25	12/03/25
Q3757-07	RMW-05B-90.5-12032 5	Water	VOCMS Group3	8260-Low	12/03/25		12/05/25	12/03/25
Q3757-08	RMW-05B-90.5-12032 5-SIM	Water	VOC-SIM	SFAM_VOCSI M	12/03/25		12/05/25	12/03/25
Q3757-09	OW-05B-72-120325	Water	VOCMS Group3	8260-Low	12/03/25		12/05/25	12/03/25

LAB CHRONICLE

Q3757-09RE	OW-05B-72-120325R E	Water			12/03/25		12/03/25
			VOCMS Group3	8260-Low		12/08/25	
Q3757-10	OW-05B-72-120325-S IM	Water			12/03/25		12/03/25
			VOC-SIM	SFAM_VOCSI M		12/05/25	
Q3757-11	EB01-120325	Water			12/03/25		12/03/25
			VOCMS Group3	8260-Low		12/04/25	
			VOC-SIM	SFAM_VOCSI M		12/09/25	
Q3757-12	TB01-120325	Water			12/03/25		12/03/25
			VOCMS Group3	8260-Low		12/04/25	
			VOC-SIM	SFAM_VOCSI M		12/05/25	
Q3757-14	VHBLK001	Water			12/03/25		12/03/25
			VOC-SIM	SFAM_VOCSI M		12/09/25	