

Hit Summary Sheet
SW-846

SDG No.: Q3828

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	OWBR-03-138-120925-SIM							
Q3828-07	OWBR-03-138-120	Water	Vinyl chloride	0.060		0.020	0.020	ug/L
			Total Voc :	0.060				
			Total Concentration:	0.060				



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: BR-02-133-120925-SIM
 Lab Sample ID: Q3828-02
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/09/25
 Date Received: 12/09/25
 SDG No.: Q3828
 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	12/11/25 13:46	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.60			40 - 130	119.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.48			70 - 130	95%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.45			60 - 140	89%	SPK: 0.5		
2037-26-5	Toluene-d8	0.49			70 - 130	97.6%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.57			65 - 120	113.4%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	6180							
540-36-3	1,4-Difluorobenzene	6390							
3855-82-1	1,4-Dichlorobenzene-d4	3280							

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: OWBR-06-219-120925-SIM
 Lab Sample ID: Q3828-04
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/09/25
 Date Received: 12/09/25
 SDG No.: Q3828
 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	12/11/25 14:08	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.56			40 - 130	113%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.47			70 - 130	93.6%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	83.6%	SPK: 0.5		
2037-26-5	Toluene-d8	0.47			70 - 130	93.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.56			65 - 120	111%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5700							
540-36-3	1,4-Difluorobenzene	5610							
3855-82-1	1,4-Dichlorobenzene-d4	2980							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: OWBR-03-138-120925-SIM
 Lab Sample ID: Q3828-07
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/09/25
 Date Received: 12/09/25
 SDG No.: Q3828
 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	0.060		1	0.020	0.020	ug/L	12/11/25 14:29	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.52			40 - 130	104.6%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.47			70 - 130	94.4%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.42			60 - 140	83.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.46			70 - 130	91.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.55			65 - 120	110.4%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5770							
540-36-3	1,4-Difluorobenzene	5770							
3855-82-1	1,4-Dichlorobenzene-d4	3150							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: TB01-120925
 Lab Sample ID: Q3828-09
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/09/25
 Date Received: 12/09/25
 SDG No.: Q3828
 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	12/11/25 14:50	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.55			40 - 130	110.6%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.46			70 - 130	92.6%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.41			60 - 140	82%	SPK: 0.5		
2037-26-5	Toluene-d8	0.46			70 - 130	91%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.54			65 - 120	108%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5750							
540-36-3	1,4-Difluorobenzene	5760							
3855-82-1	1,4-Dichlorobenzene-d4	2970							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.
 Project: Former Schlumberger STC PTC Site D3868221
 Client Sample ID: VHBLK001
 Lab Sample ID: Q3828-10
 Analytical Method: Level:
 Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected: 12/09/25
 Date Received: 12/09/25
 SDG No.: Q3828
 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	12/11/25 15:50	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.62			40 - 130	123.8%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.49			70 - 130	97%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.44			60 - 140	88.4%	SPK: 0.5		
2037-26-5	Toluene-d8	0.48			70 - 130	96.8%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.56			65 - 120	112.6%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5590							
540-36-3	1,4-Difluorobenzene	5520							
3855-82-1	1,4-Dichlorobenzene-d4	2860							

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J = Estimated Value

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3828**

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

Analytical Method: **SWSFAM_VOCSIM**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3828-02	BR-02-133-120925-SIM	Vinyl chloride-d3	0.5	0.60	120		40	130
		1,2-Dichloroethane-d4	0.5	0.48	95		70	130
		1,2-Dichloropropane-d6	0.5	0.45	89		60	140
		Toluene-d8	0.5	0.49	98		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.57	113		65	120
Q3828-04	OWBR-06-219-120925-SIM	Vinyl chloride-d3	0.5	0.56	113		40	130
		1,2-Dichloroethane-d4	0.5	0.47	94		70	130
		1,2-Dichloropropane-d6	0.5	0.42	84		60	140
		Toluene-d8	0.5	0.47	93		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.56	111		65	120
Q3828-07	OWBR-03-138-120925-SIM	Vinyl chloride-d3	0.5	0.52	105		40	130
		1,2-Dichloroethane-d4	0.5	0.47	94		70	130
		1,2-Dichloropropane-d6	0.5	0.42	84		60	140
		Toluene-d8	0.5	0.46	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.55	110		65	120
Q3828-09	TB01-120925	Vinyl chloride-d3	0.5	0.55	111		40	130
		1,2-Dichloroethane-d4	0.5	0.46	93		70	130
		1,2-Dichloropropane-d6	0.5	0.41	82		60	140
		Toluene-d8	0.5	0.46	91		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.54	108		65	120
Q3828-10	VHBLK001	Vinyl chloride-d3	0.5	0.62	124		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	97		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.56	113		65	120
VV1211WBL01	VBLK240	Vinyl chloride-d3	0.5	0.61	122		40	130
		1,2-Dichloroethane-d4	0.5	0.50	100		70	130
		1,2-Dichloropropane-d6	0.5	0.47	94		60	140
		Toluene-d8	0.5	0.52	104		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.59	118		65	120

VOLATILE METHOD BLANK SUMMARY

Client ID

VBK240

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3828

Lab File ID: VV039535.D

Lab Sample ID: VV1211WBL01

Date Analyzed: 12/11/2025

Time Analyzed: 12:04

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
BR-02-133-120925-SIM	Q3828-02	VV039538.D	12/11/2025
OWBR-06-219-120925-SIM	Q3828-04	VV039539.D	12/11/2025
OWBR-03-138-120925-SIM	Q3828-07	VV039540.D	12/11/2025
TB01-120925	Q3828-09	VV039541.D	12/11/2025
VHBLK001	Q3828-10	VV039543.D	12/11/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3828

Lab File ID: VV039444.D

BFB Injection Date: 12/03/2025

Instrument ID: MSVOA_V

BFB Injection Time: 09:23

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.7 (1.8) 1
174	50.0 - 100.0% of mass 95	94.2
175	5.0 - 9.0% of mass 174	6.9 (7.3) 1
176	95.0 - 101.0% of mass 174	91.7 (97.4) 1
177	5.0 - 9.0% of mass 176	6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD0.02269	VSTD0.0269	VV039445.D	12/03/2025	09:55
VSTD0.05270	VSTD0.0570	VV039446.D	12/03/2025	10:32
VSTD0.1271	VSTD0.171	VV039447.D	12/03/2025	10:58
VSTD0.5272	VSTD0.572	VV039448.D	12/03/2025	11:25
VSTD001273	VSTD00173	VV039449.D	12/03/2025	11:52
VSTD002274	VSTD00274	VV039450.D	12/03/2025	12:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3828

Lab File ID: VV039533.D

BFB Injection Date: 12/11/2025

Instrument ID: MSVOA_V

BFB Injection Time: 08:07

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	17.9
75	30.0 - 60.0% of mass 95	50.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1.4 (1.5) 1
174	50.0 - 100.0% of mass 95	94.6
175	5.0 - 9.0% of mass 174	7 (7.4) 1
176	95.0 - 101.0% of mass 174	90.1 (95.3) 1
177	5.0 - 9.0% of mass 176	6.2 (6.9) 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
VSTD0.5343	VSTDCCC0.5	VV039534.D	12/11/2025	11:14
VBLK240	VV1211WBL01	VV039535.D	12/11/2025	12:04
BR-02-133-120925-SIM	Q3828-02	VV039538.D	12/11/2025	13:46
OWBR-06-219-120925-SIM	Q3828-04	VV039539.D	12/11/2025	14:08
OWBR-03-138-120925-SIM	Q3828-07	VV039540.D	12/11/2025	14:29
TB01-120925	Q3828-09	VV039541.D	12/11/2025	14:50
VHBLK001	Q3828-10	VV039543.D	12/11/2025	15:50
VSTD0.5344	VSTDCCC0.5EC	VV039544.D	12/11/2025	16:15

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05
Lab Code: ACE SDG NO.: Q3828
Lab File ID: VV039534.D Date Analyzed: 12/11/2025
Instrument ID: MSVOA_V Time Analyzed: 11:14
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	6291	5.57	6362	8.79	3690	11.18
UPPER LIMIT	12582	5.736	12724	8.955	7380	11.345
LOWER LIMIT	3145.5	5.396	3181	8.615	1845	11.005
EPA SAMPLE NO.						
BR-02-133-120925-SIM	6385	5.57	6179	8.80	3284	11.20
OWBR-06-219-120925-SIM	5608	5.57	5701	8.80	2982	11.20
OWBR-03-138-120925-SIM	5770	5.57	5766	8.80	3147	11.18
TB01-120925	5761	5.57	5746	8.80	2968	11.20
VHBLK001	5516	5.57	5593	8.80	2855	11.20
VBLK240	5311	5.57	5097	8.80	2635	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



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

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: VBLK240
Lab Sample ID: VV1211WBL01
Analytical Method: Level:
Sample Wt/Vol: 25 mL Final Vol: 25000 uL

Date Collected:
Date Received:
SDG No.: Q3828
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	12/11/25 12:04	VV121125
SURROGATES									
6745-35-3	Vinyl Chloride-d3	0.61			40 - 130	122%	SPK: 0.5		
17060-07-0	1,2-Dichloroethane-d4	0.50			70 - 130	99.6%	SPK: 0.5		
93952-08-0	1,2-Dichloropropane-d6	0.47			60 - 140	93.8%	SPK: 0.5		
2037-26-5	Toluene-d8	0.52			70 - 130	104.4%	SPK: 0.5		
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.59			65 - 120	117.8%	SPK: 0.5		
INTERNAL STANDARDS									
		Area Count							
3114-55-4	Chlorobenzene-d5	5100							
540-36-3	1,4-Difluorobenzene	5310							
3855-82-1	1,4-Dichlorobenzene-d4	2640							

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CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>JAC005</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3828</u>
Instrument ID: <u>MSVOA_V</u>	Calibration Date(s): <u>12/03/2025</u> <u>12/03/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:55</u> <u>12:18</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (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>Q3828</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/11/2025 11:14</u>
Lab File ID:	<u>VV039534.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	1.096	0.01	1.3	30
Vinyl Chloride-d3	0.491	0.503	0.01	2.6	30
1,2-Dichloroethane-d4	0.333	0.332	0.01	-0.4	25
1,2-Dichloropropane-d6	0.422	0.443	0.1	5.1	20
Toluene-d8	0.712	0.704	0.2	-1.1	20
1,1,2,2-Tetrachloroethane-d2	0.238	0.263	0.01	10.7	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>Q3828</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>12/11/2025</u> <u>16:15</u>
Lab File ID:	<u>VV039544.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	1.082	0.01	0	50
Vinyl Chloride-d3	0.491	0.493	0.01	0.4	50
1,2-Dichloroethane-d4	0.333	0.324	0.01	-2.8	50
1,2-Dichloropropane-d6	0.422	0.442	0.1	4.9	50
Toluene-d8	0.712	0.683	0.2	-4.1	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\VV121125\
Data File : VV039538.D
Acq On : 11 Dec 2025 13:46
Operator : SY/MD
Sample : Q3828-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 12 00:48:35 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	6385	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6179	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3284	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3756	0.599	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	120.000%
4) 1,2-Dichloroethane-d4	4.970	65	2020	0.475	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.996	67	2319	0.445	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	4292	0.488	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1666	0.567	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%

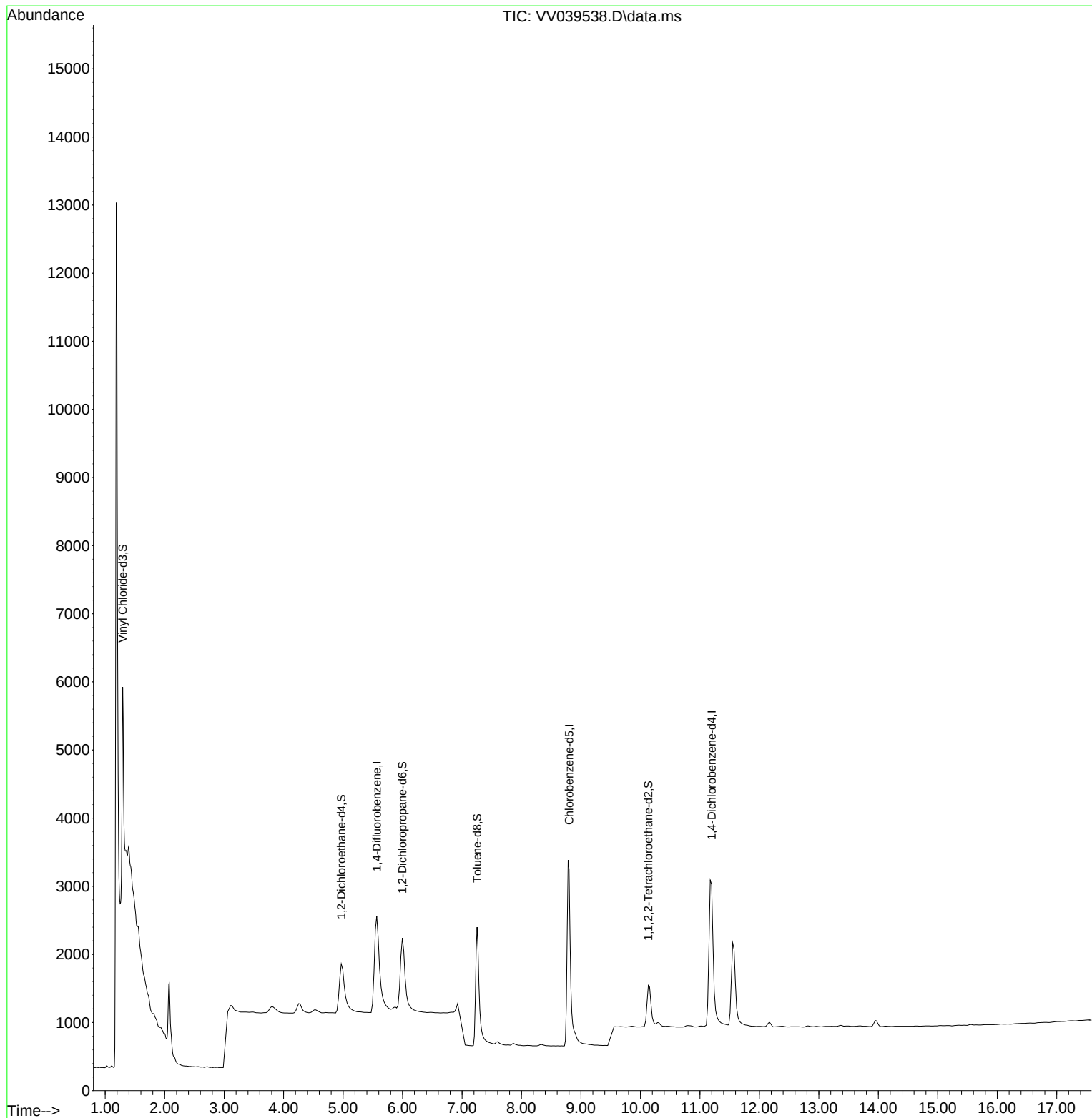
Target Compounds	Qvalue

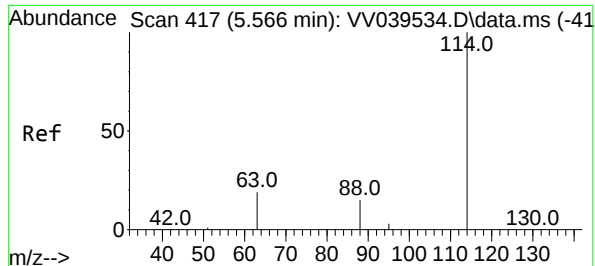
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039538.D
Acq On : 11 Dec 2025 13:46
Operator : SY/MD
Sample : Q3828-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

Quant Time: Dec 12 00:48:35 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

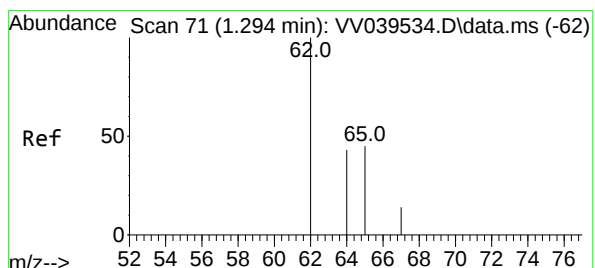
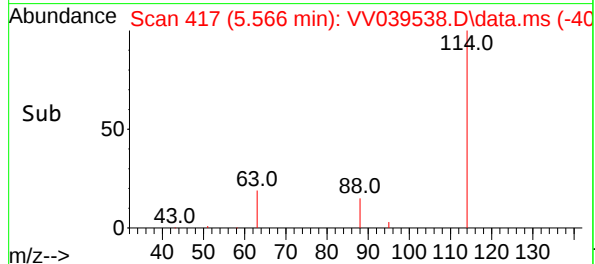
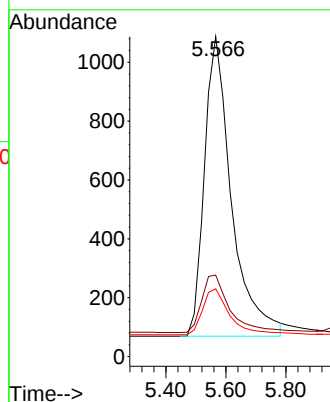
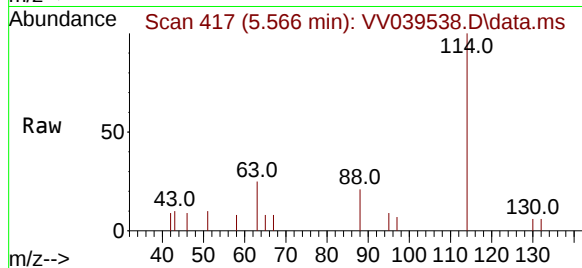




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

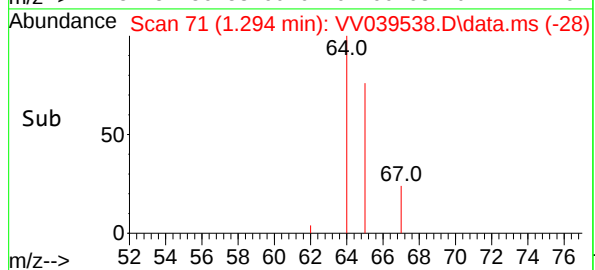
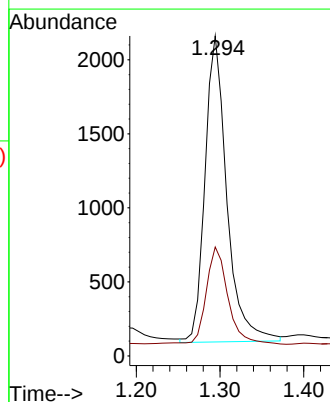
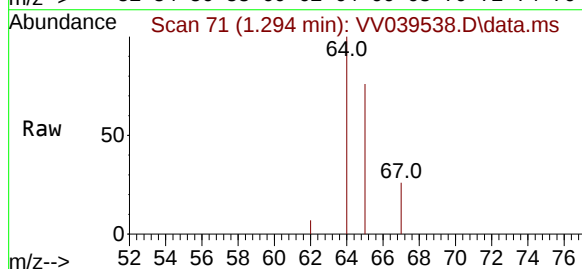
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

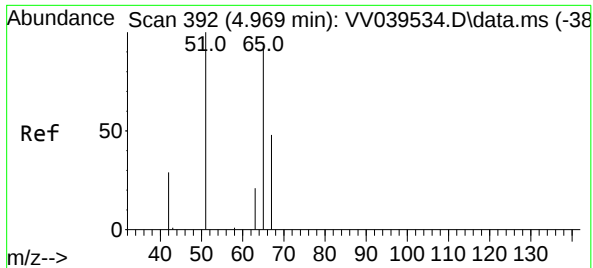
Tgt Ion:	114	Resp:	6385
Ion Ratio	Lower	Upper	
114	100		
63	19.6	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.599 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion:	65	Resp:	3756
Ion Ratio	Lower	Upper	
65	100		
67	31.8	22.3	41.5

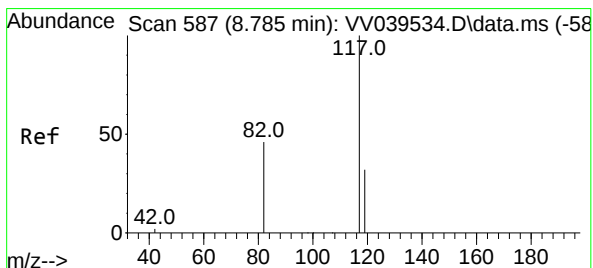
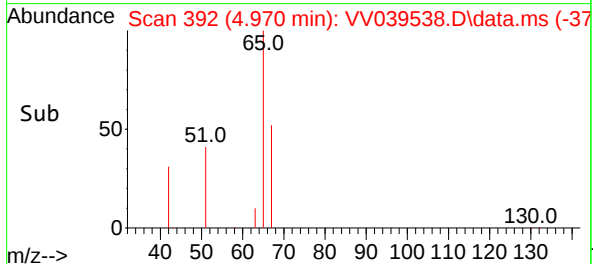
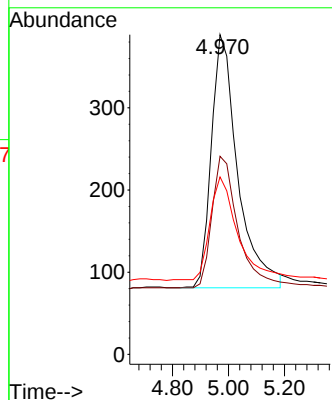
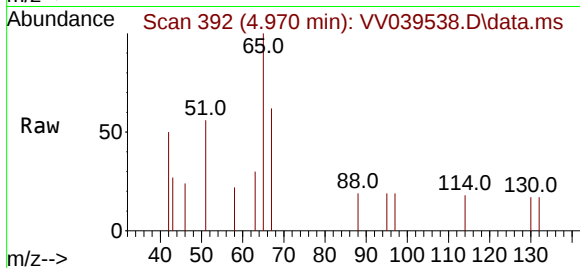




#4
1,2-Dichloroethane-d4
Concen: 0.475 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

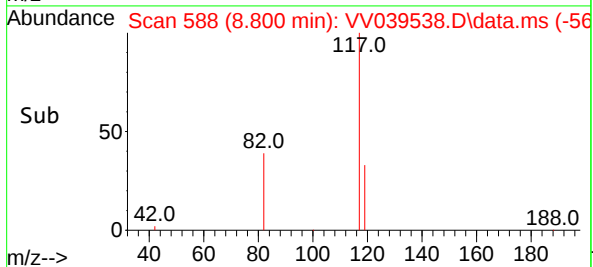
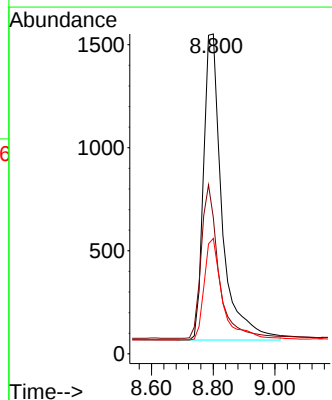
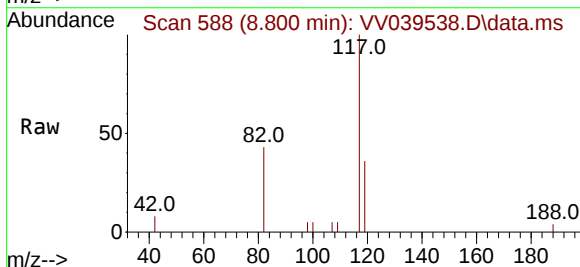
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

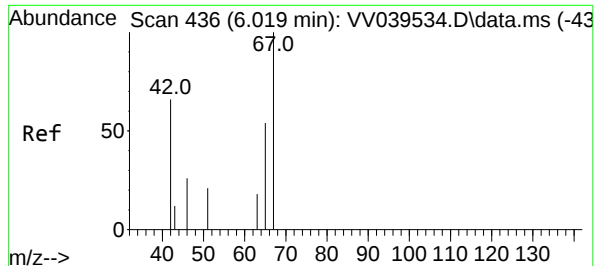
Tgt Ion: 65 Resp: 2020
Ion Ratio Lower Upper
65 100
67 51.1 32.5 60.3
51 43.1 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion: 117 Resp: 6179
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 33.2 26.2 39.2

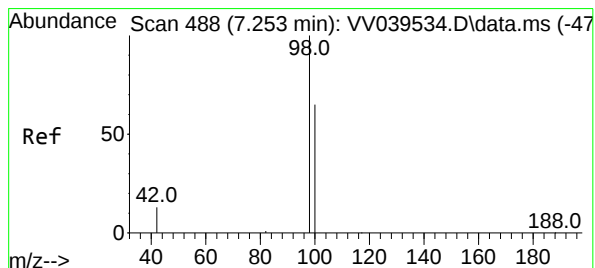
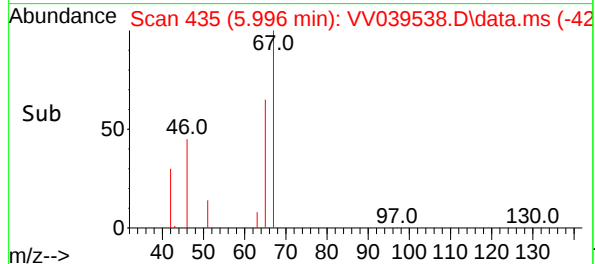
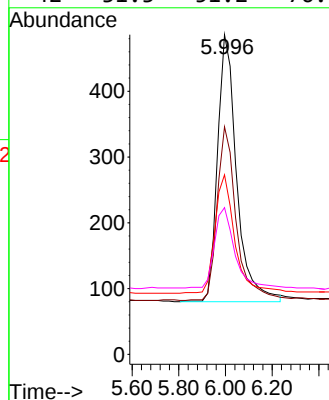
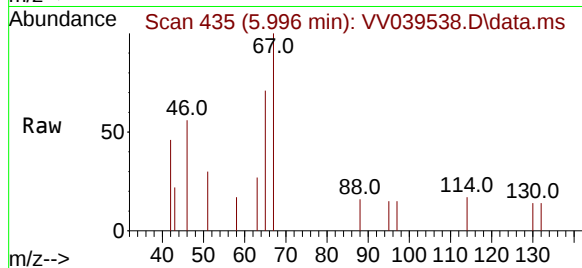




#7
1,2-Dichloropropane-d6
Concen: 0.445 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

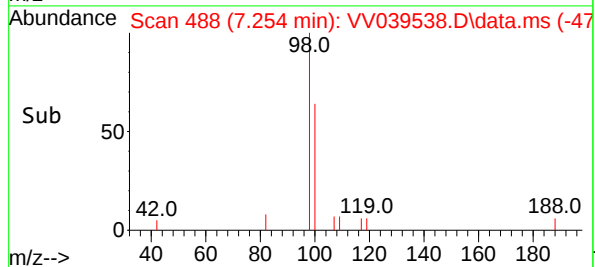
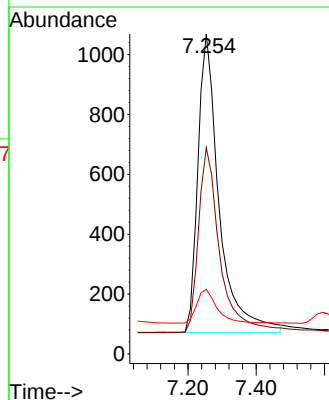
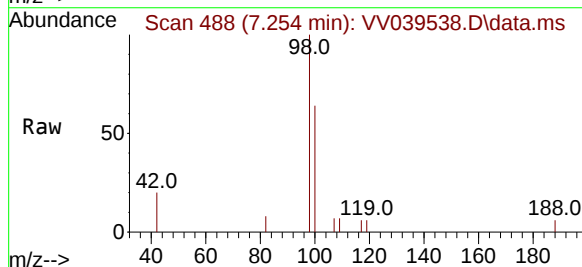
Instrument :
MSVOA_V
ClientSampleId :
BR-02-133-120925-SIM

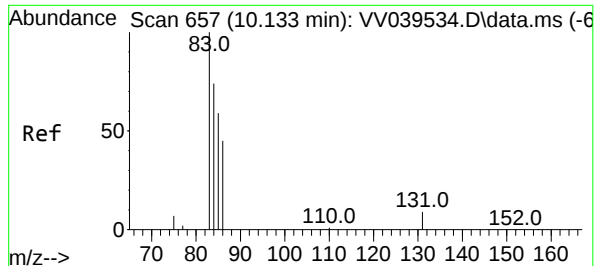
Tgt Ion:	67	Resp:	2319
Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9#
46	45.8	27.4	41.0#
42	31.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.488 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion:	98	Resp:	4292
Ion	Ratio	Lower	Upper
98	100		
100	62.0	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.567 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039538.D

Acq: 11 Dec 2025 13:46

Instrument :

MSVOA_V

ClientSampleId :

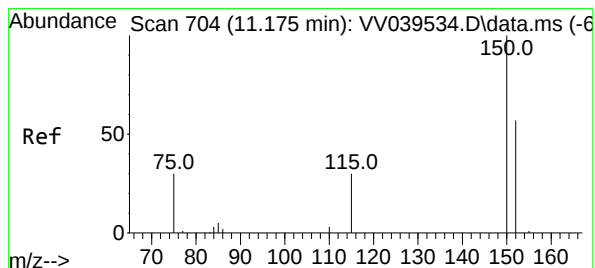
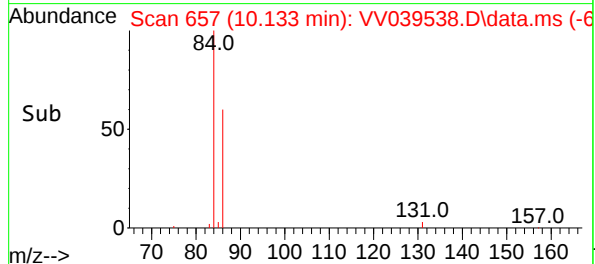
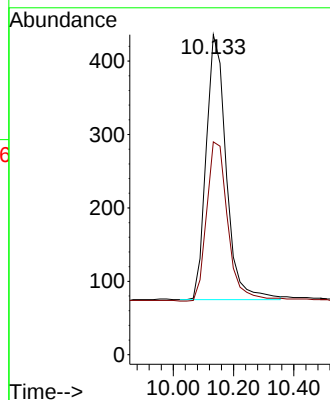
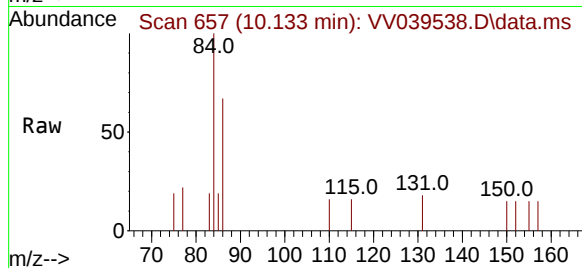
BR-02-133-120925-SIM

Tgt Ion: 84 Resp: 1666

Ion Ratio Lower Upper

84 100

86 63.6 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: VV039538.D

Acq: 11 Dec 2025 13:46

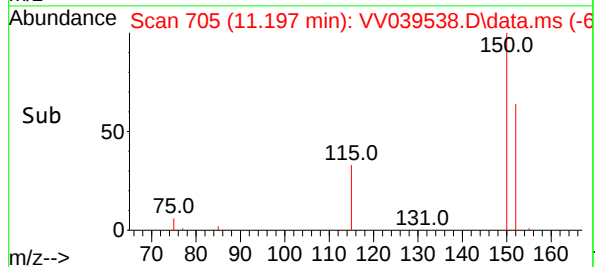
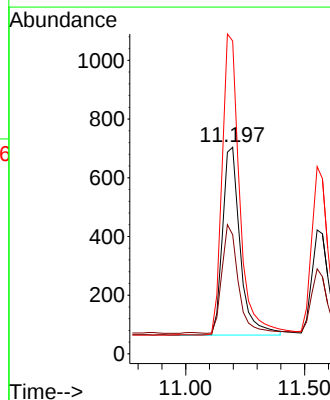
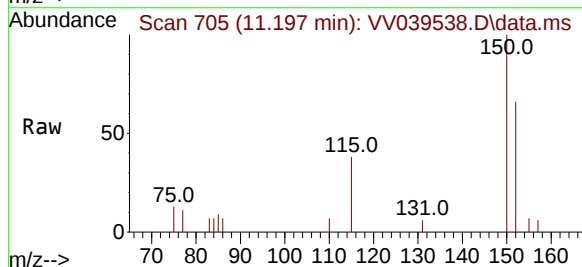
Tgt Ion: 152 Resp: 3284

Ion Ratio Lower Upper

152 100

115 54.1 0.0 101.6

150 159.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039539.D
Acq On : 11 Dec 2025 14:08
Operator : SY/MD
Sample : Q3828-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OWBR-06-219-120925-SIM

A
B
C
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Quant Time: Dec 12 00:48:46 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	5608	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5701	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2982	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3112	0.565	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	1748	0.468	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2012	0.418	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	3786	0.467	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1504	0.555	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%

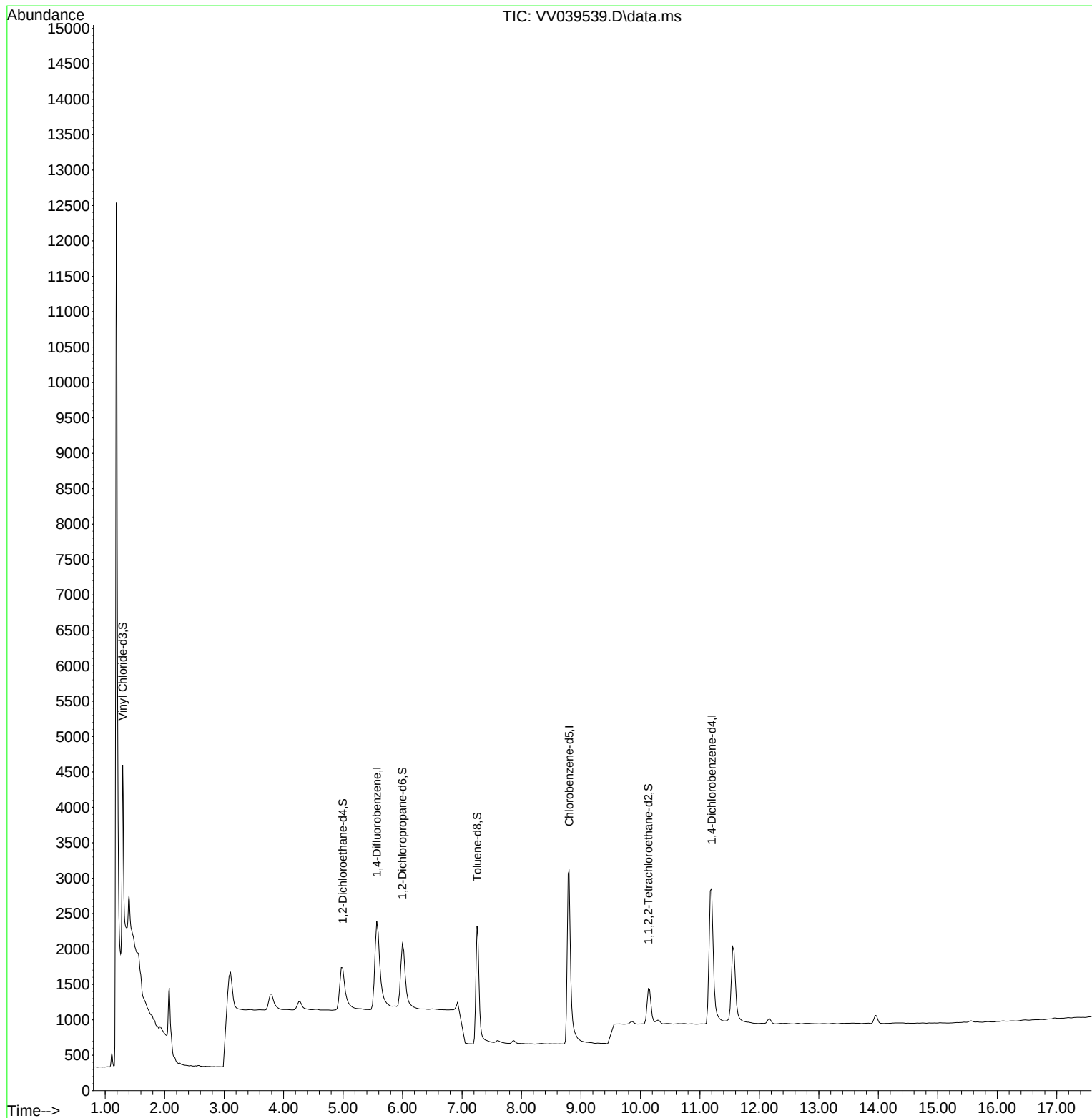
Target Compounds	Qvalue

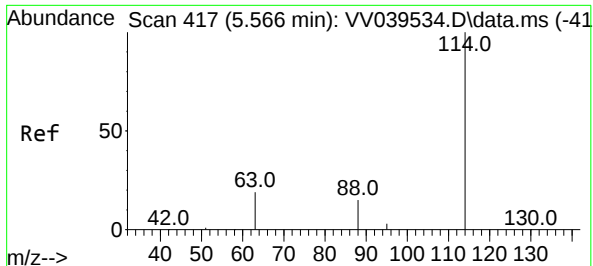
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039539.D
Acq On : 11 Dec 2025 14:08
Operator : SY/MD
Sample : Q3828-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OWBR-06-219-120925-SIM

Quant Time: Dec 12 00:48:46 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

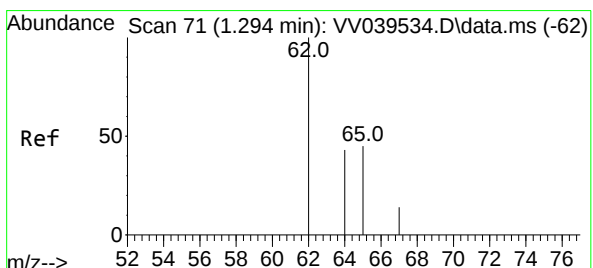
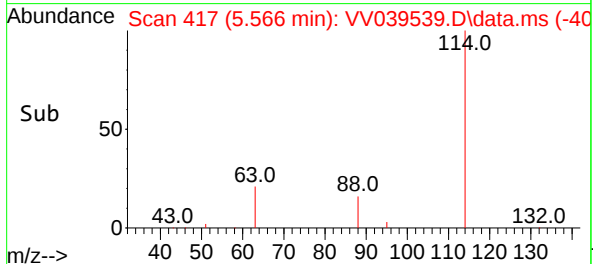
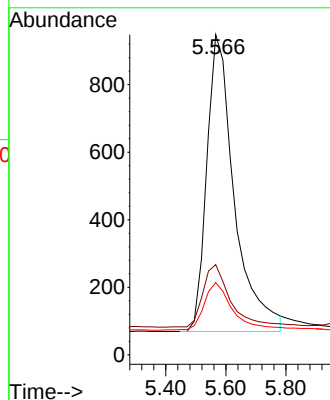
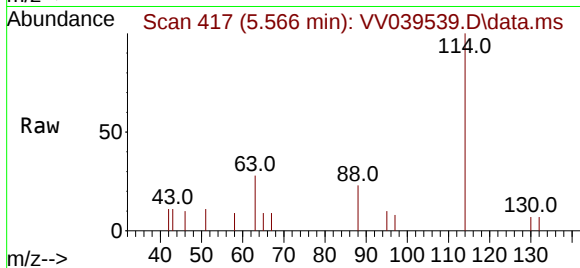




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

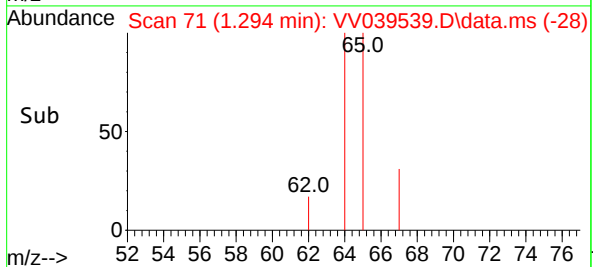
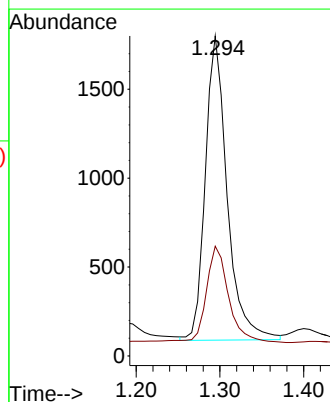
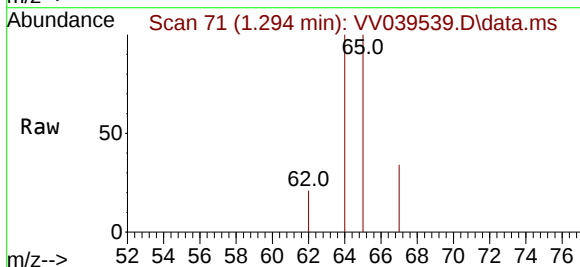
Instrument :
MSVOA_V
ClientSampleId :
OWBR-06-219-120925-SIM

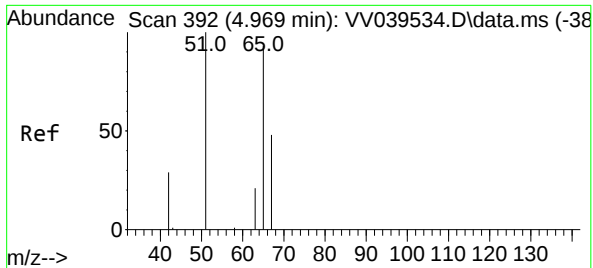
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	15.0	22.4
88	16.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.565 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	33.1	22.3	41.5

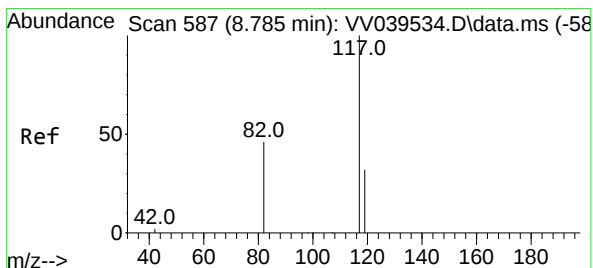
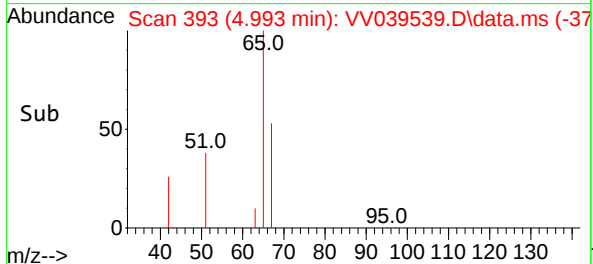
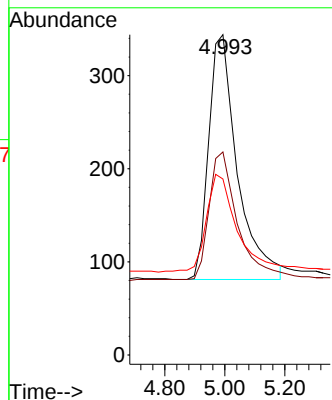
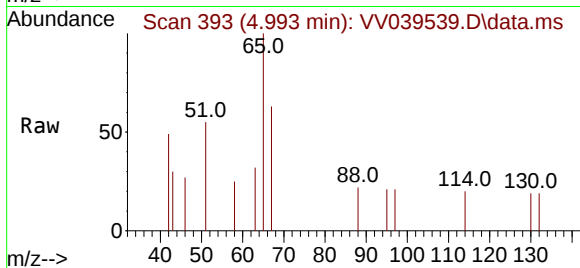




#4
1,2-Dichloroethane-d4
Concen: 0.468 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

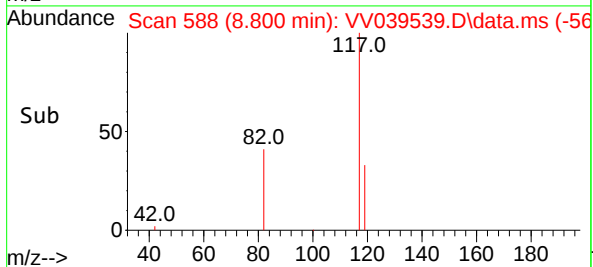
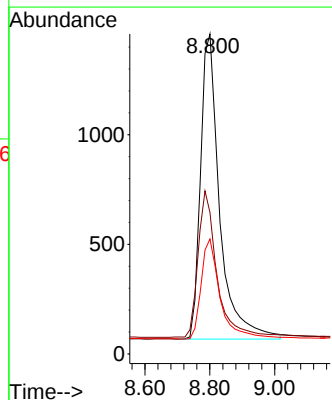
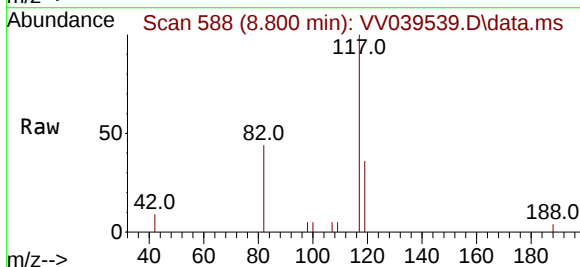
Instrument :
MSVOA_V
ClientSampleId :
OWBR-06-219-120925-SIM

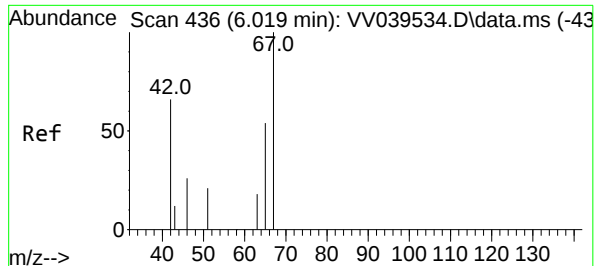
Tgt Ion: 65 Resp: 1748
Ion Ratio Lower Upper
65 100
67 51.5 32.5 60.3
51 42.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

Tgt Ion: 117 Resp: 5701
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 32.8 26.2 39.2

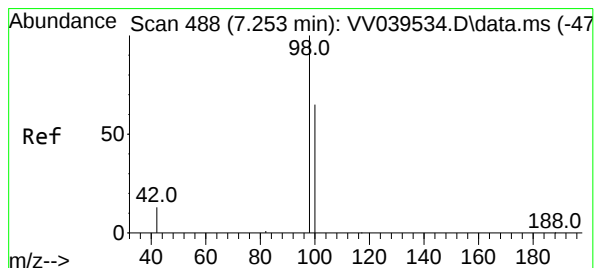
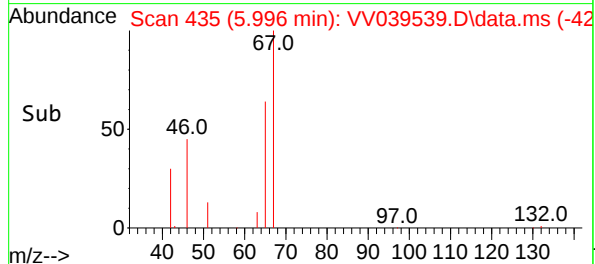
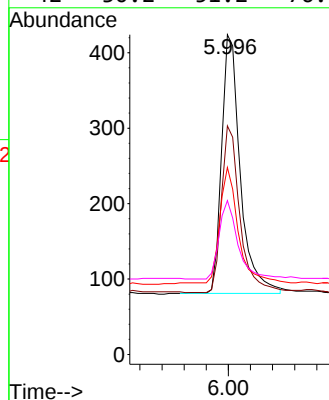
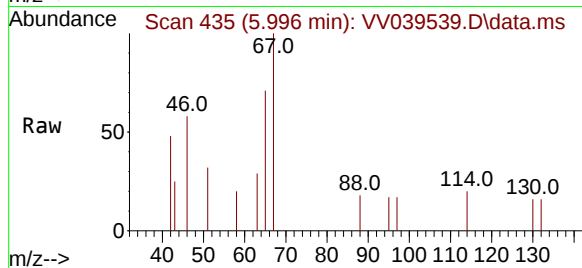




#7
1,2-Dichloropropane-d6
Concen: 0.418 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

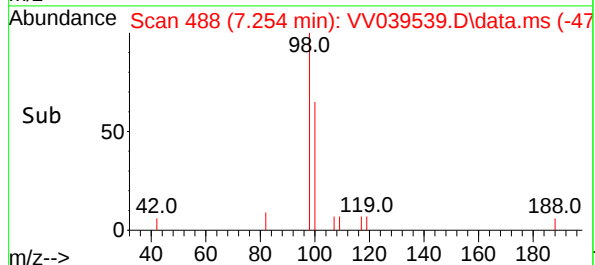
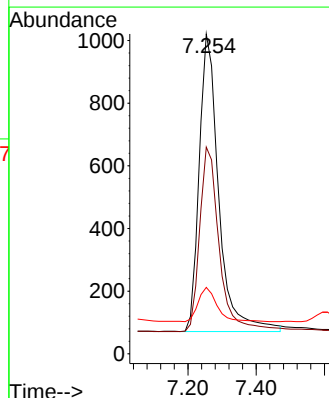
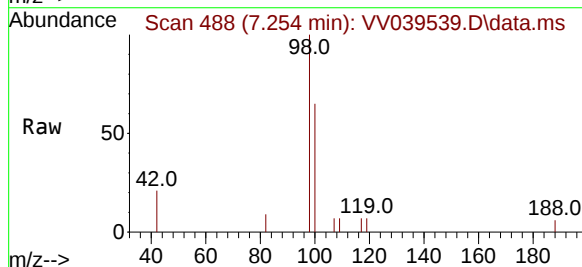
Instrument :
MSVOA_V
ClientSampleId :
OWBR-06-219-120925-SIM

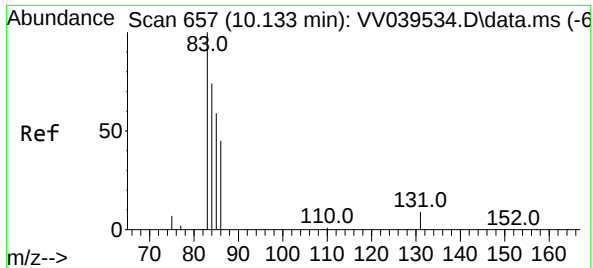
Tgt Ion:	67	Resp:	2012
Ion	Ratio	Lower	Upper
67	100		
65	63.6	37.9	56.9#
46	43.1	27.4	41.0#
42	30.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.467 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039539.D
Acq: 11 Dec 2025 14:08

Tgt Ion:	98	Resp:	3786
Ion	Ratio	Lower	Upper
98	100		
100	62.2	44.5	82.7
42	10.9	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.555 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039539.D

Acq: 11 Dec 2025 14:08

Instrument :

MSVOA_V

ClientSampleId :

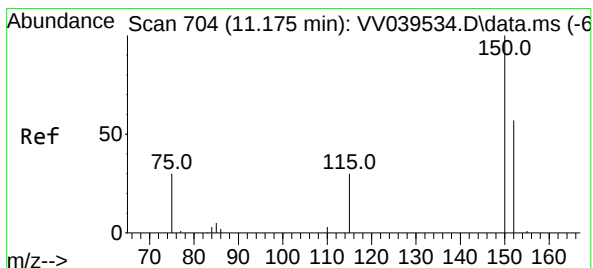
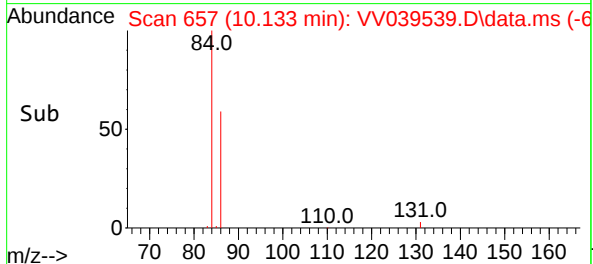
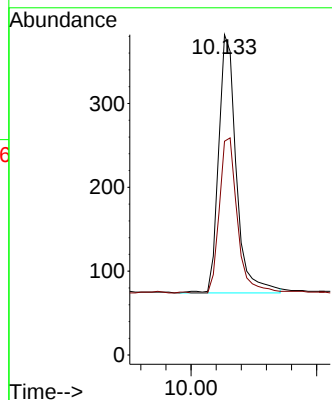
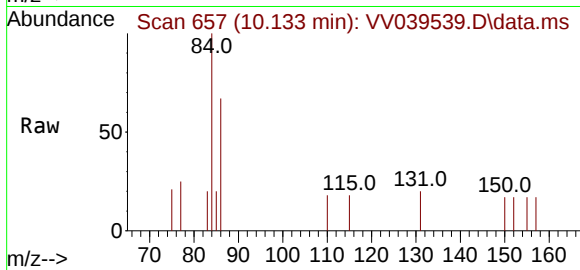
OWBR-06-219-120925-SIM

Tgt Ion: 84 Resp: 1504

Ion Ratio Lower Upper

84 100

86 61.2 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: VV039539.D

Acq: 11 Dec 2025 14:08

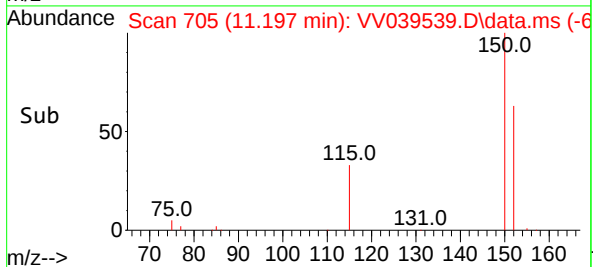
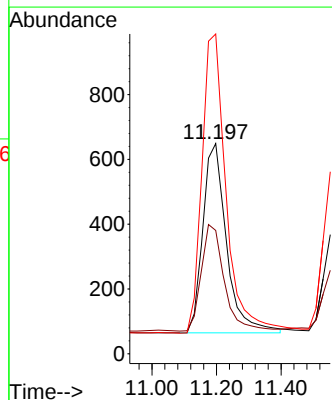
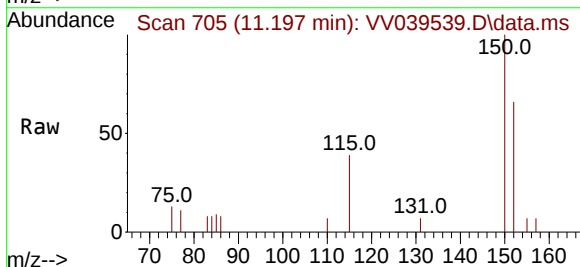
Tgt Ion: 152 Resp: 2982

Ion Ratio Lower Upper

152 100

115 54.5 0.0 101.6

150 160.6 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039540.D
 Acq On : 11 Dec 2025 14:29
 Operator : SY/MD
 Sample : Q3828-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM

Manual Integrations APPROVED

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

Quant Time: Dec 12 00:48:58 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	5770	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5766	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3147	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	2964m	0.523	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	104.000%		
4) 1,2-Dichloroethane-d4	4.994	65	1814	0.472	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	94.000%		
7) 1,2-Dichloropropane-d6	5.996	67	2040	0.419	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	84.000%		
8) Toluene-d8	7.254	98	3750	0.457	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1514	0.552	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	110.000%		
Target Compounds						
3) Vinyl chloride	1.295	62	755	0.060	ug/L	Qvalue # 1

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

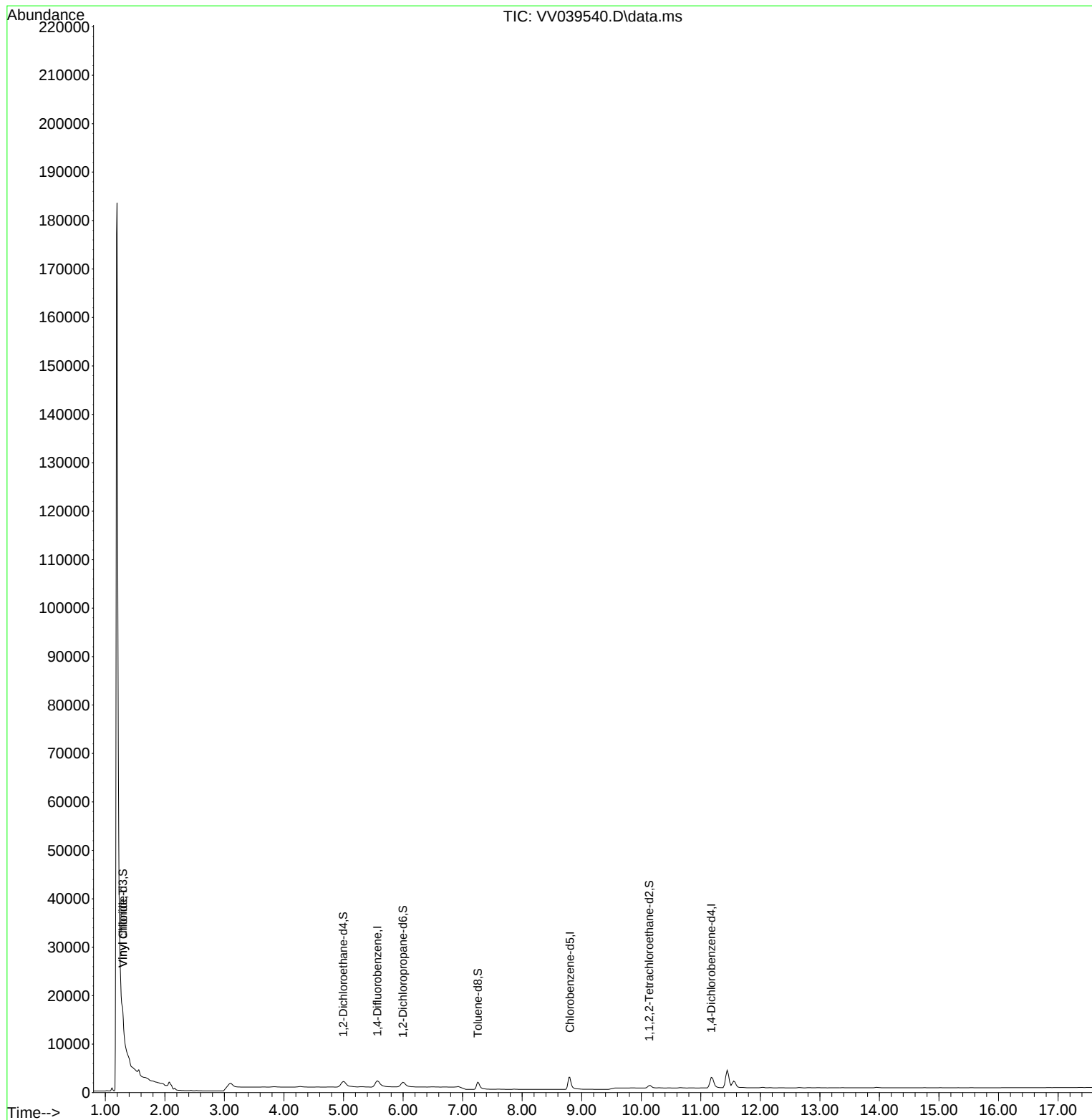
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Data File : VV039540.D
Acq On : 11 Dec 2025 14:29
Operator : SY/MD
Sample : Q3828-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

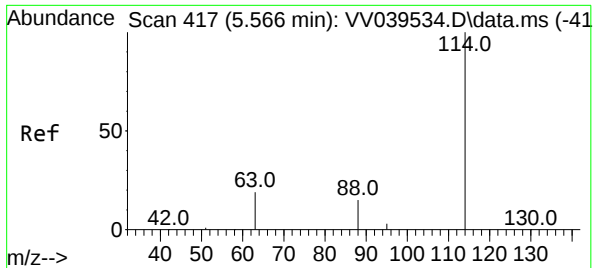
Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

Quant Time: Dec 12 00:48:58 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

Manual Integrations
APPROVED

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





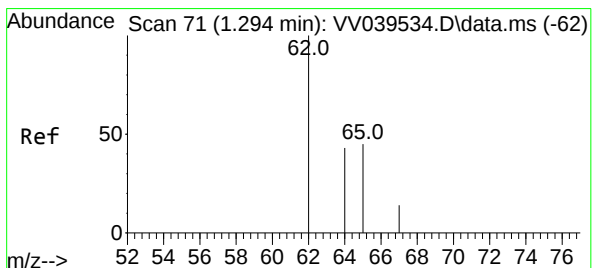
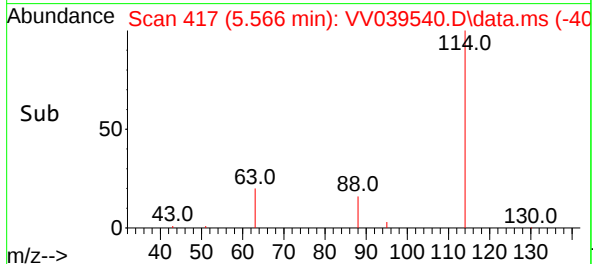
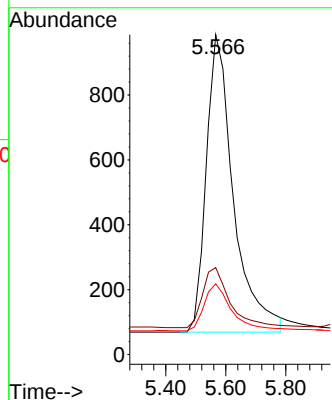
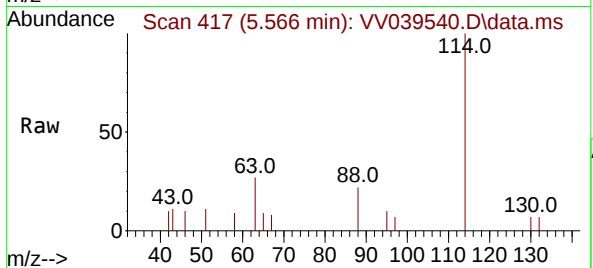
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

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

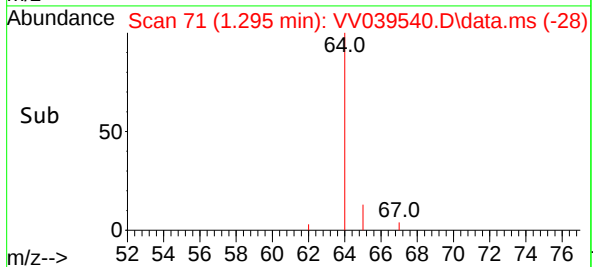
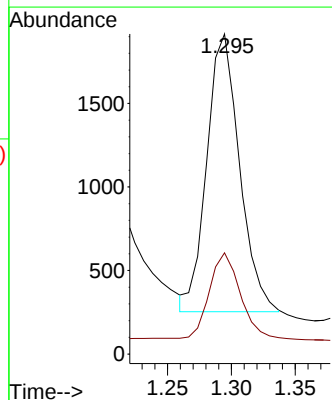
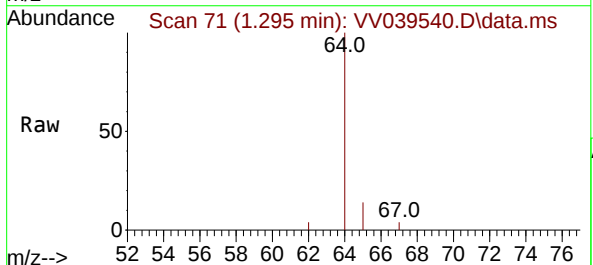
Manual Integrations
APPROVED

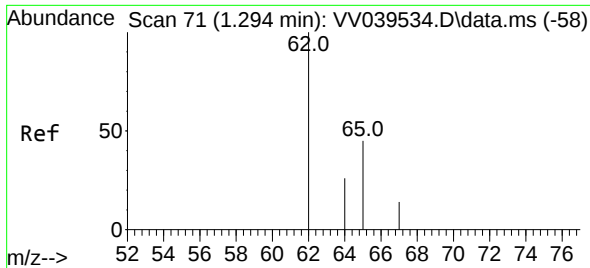
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.523 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

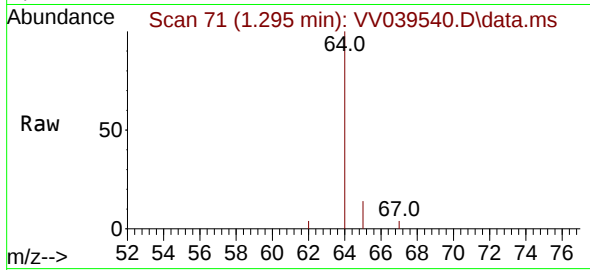
Tgt Ion	Ratio	Lower	Upper
65	100		
67	34.4	22.3	41.5





#3
 Vinyl chloride
 Concen: 0.060 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

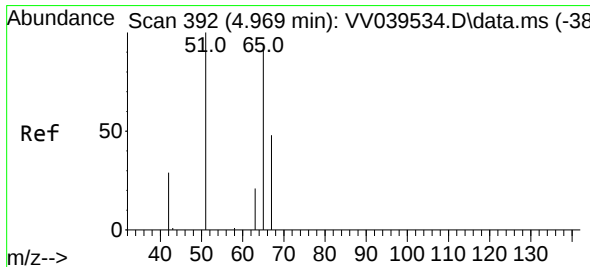
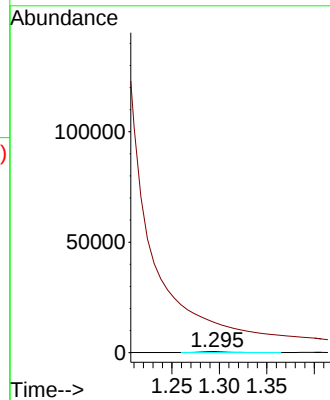
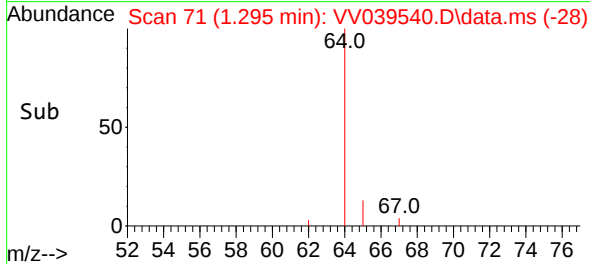
Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-03-138-120925-SIM



Tgt Ion: 62 Resp: 75
 Ion Ratio Lower Upper
 62 100
 64 2711.9 24.8 46.0

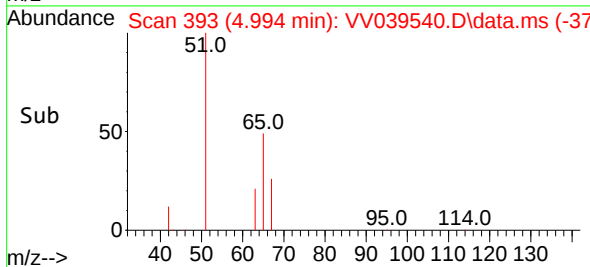
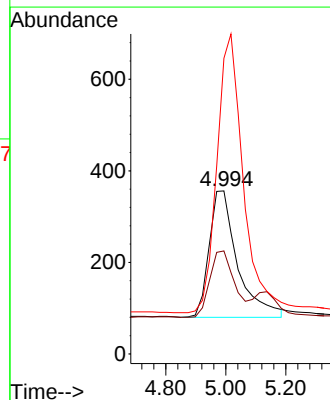
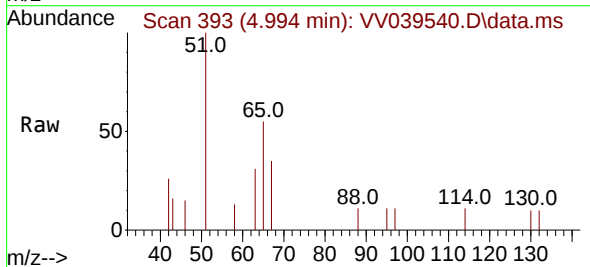
Manual Integrations
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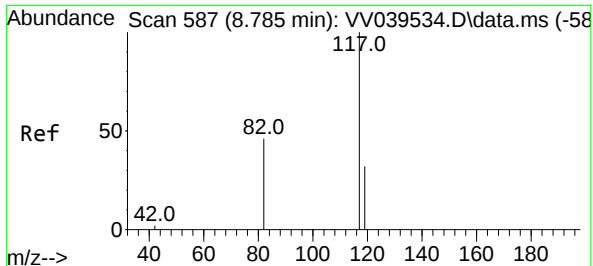
Reviewed By :John Carlone 12/12/2025
 Supervised By :Mahesh Dadoda 12/12/2025



#4
 1,2-Dichloroethane-d4
 Concen: 0.472 ug/L
 RT: 4.994 min Scan# 393
 Delta R.T. 0.025 min
 Lab File: VV039540.D
 Acq: 11 Dec 2025 14:29

Tgt Ion: 65 Resp: 1814
 Ion Ratio Lower Upper
 65 100
 67 45.5 32.5 60.3
 51 203.5 121.4 225.6





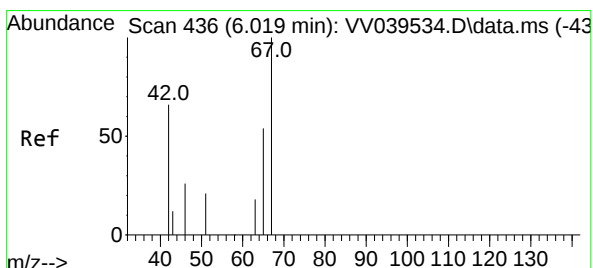
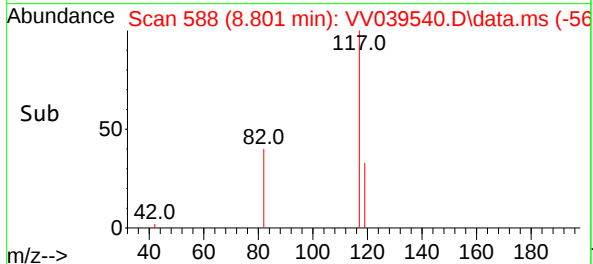
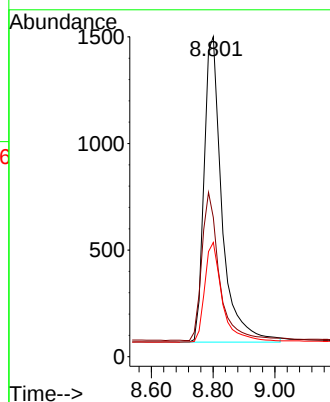
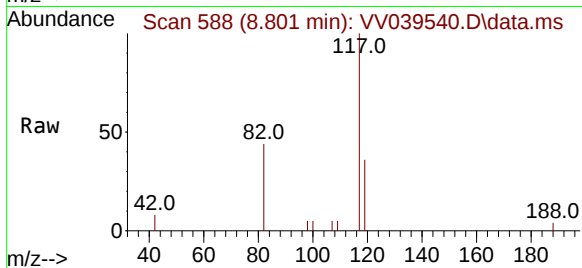
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM

Tgt Ion: 117 Resp: 576
Ion Ratio Lower Upper
117 100
82 47.5 39.4 59.2
119 32.5 26.2 39.2

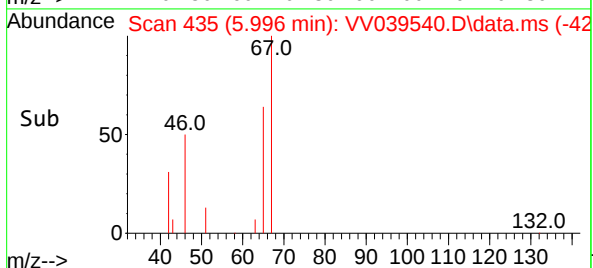
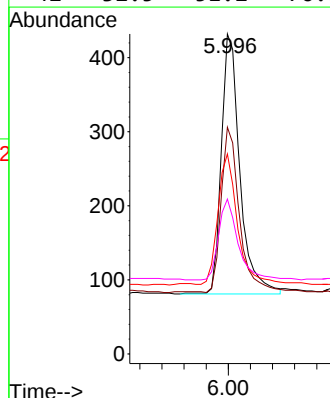
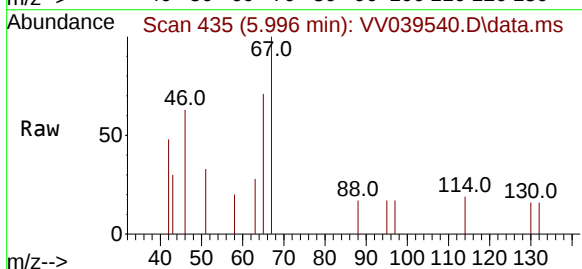
Manual Integrations
APPROVED

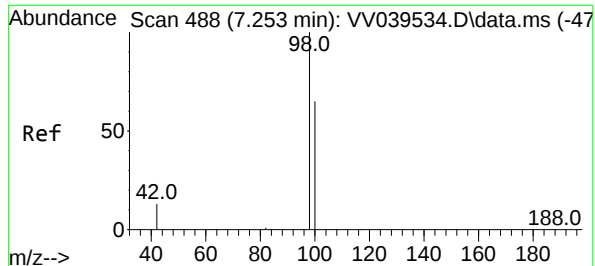
Reviewed By : John Carlone 12/12/2025
Supervised By : Mahesh Dadoda 12/12/2025



#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.996 min Scan# 435
Delta R.T. -0.023 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

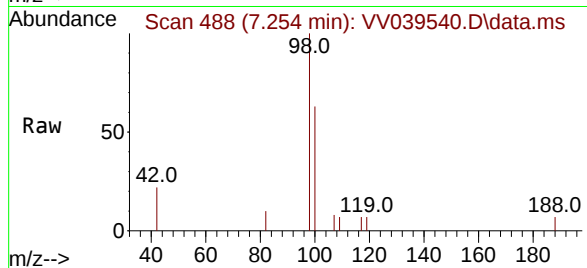
Tgt Ion: 67 Resp: 2040
Ion Ratio Lower Upper
67 100
65 61.6 37.9 56.9#
46 52.5 27.4 41.0#
42 32.5 51.2 76.8#





#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

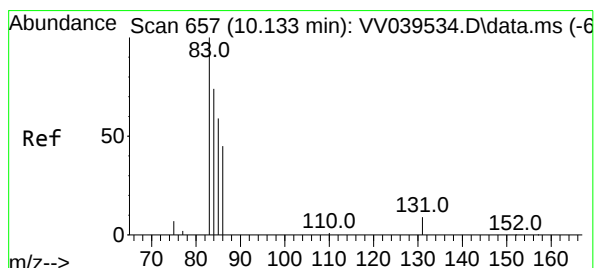
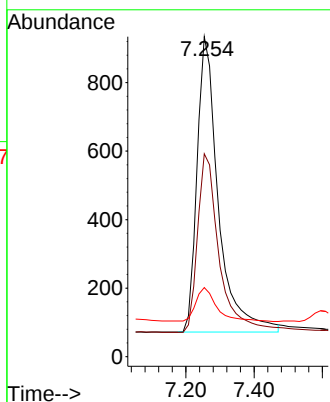
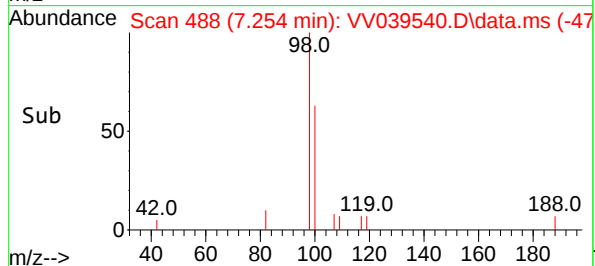
Instrument :
MSVOA_V
ClientSampleId :
OWBR-03-138-120925-SIM



Tgt Ion: 98 Resp: 3750
Ion Ratio Lower Upper
98 100
100 61.3 44.5 82.7
42 11.1 10.1 18.7

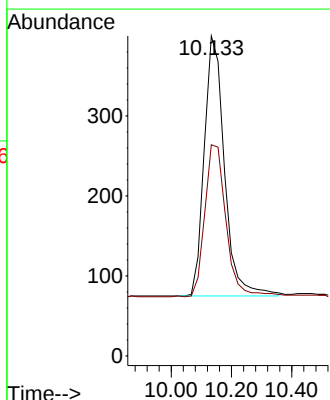
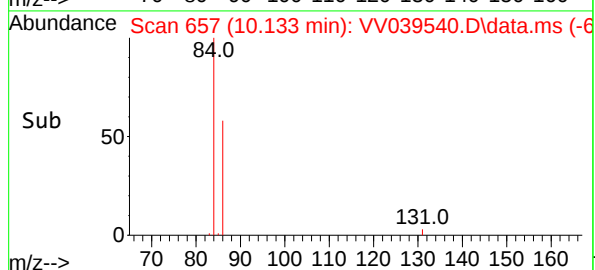
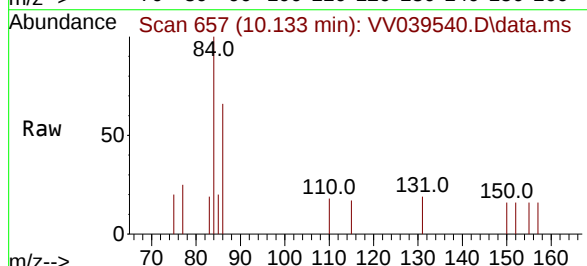
Manual Integrations
APPROVED

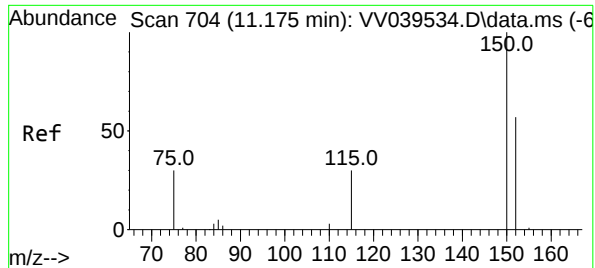
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.552 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039540.D
Acq: 11 Dec 2025 14:29

Tgt Ion: 84 Resp: 1514
Ion Ratio Lower Upper
84 100
86 61.6 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: VV039540.D

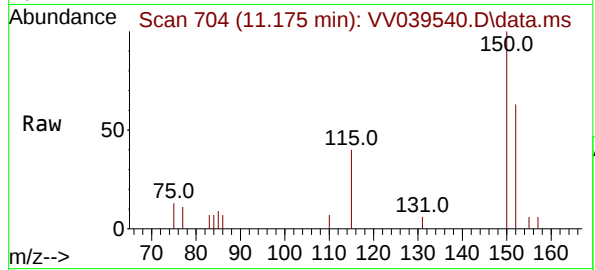
Acq: 11 Dec 2025 14:29

Instrument :

MSVOA_V

ClientSampleId :

OWBR-03-138-120925-SIM



Tgt Ion:152 Resp: 314

Ion Ratio Lower Upper

152 100

115 56.6 0.0 101.6

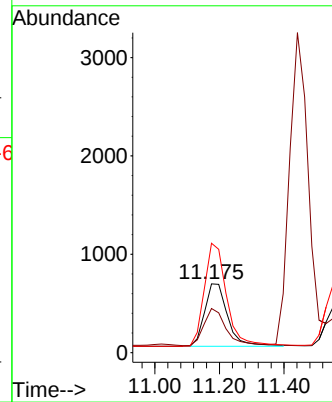
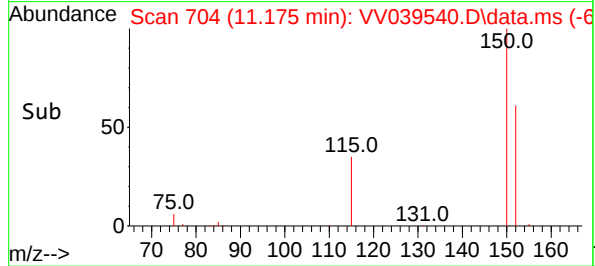
150 159.9 0.0 396.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039541.D
 Acq On : 11 Dec 2025 14:50
 Operator : SY/MD
 Sample : Q3828-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120925

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 12 00:49:09 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	5761	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5746	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2968	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3125	0.553	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.993	65	1775	0.463	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	1989	0.410	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.254	98	3724	0.455	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1474	0.540	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

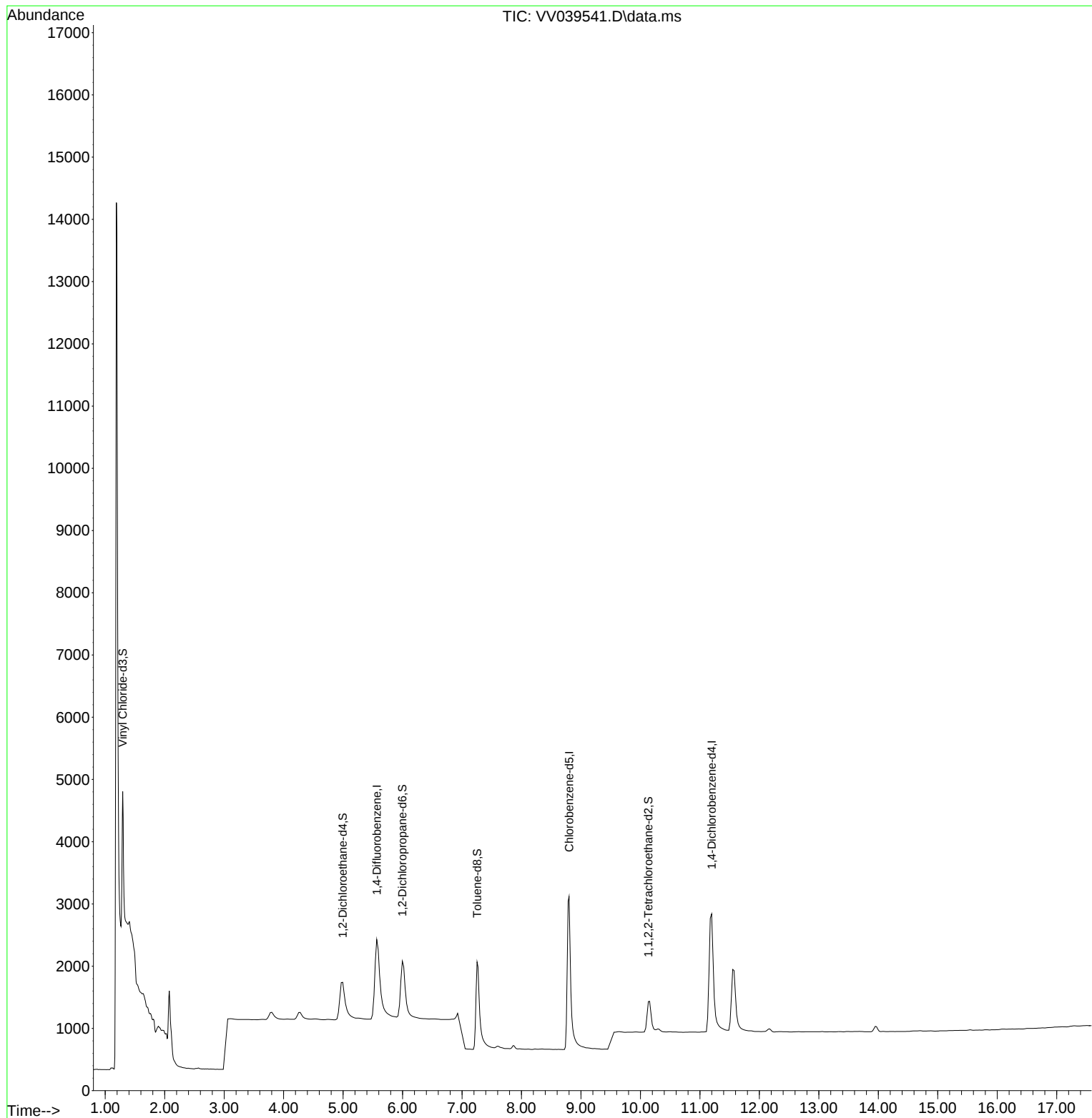
Target Compounds	Qvalue

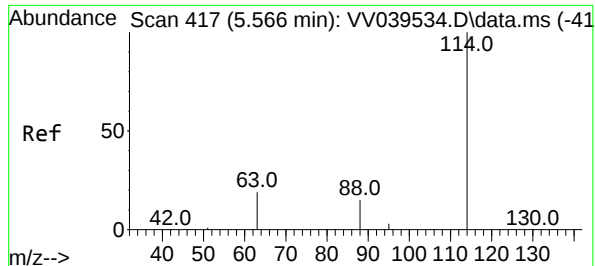
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039541.D
Acq On : 11 Dec 2025 14:50
Operator : SY/MD
Sample : Q3828-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB01-120925

Quant Time: Dec 12 00:49:09 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

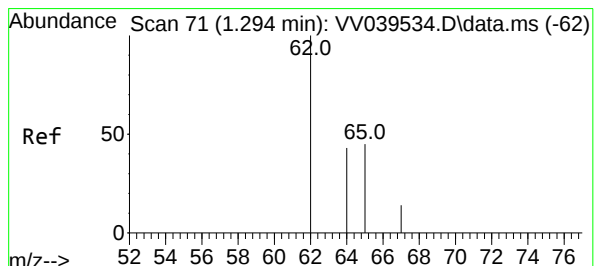
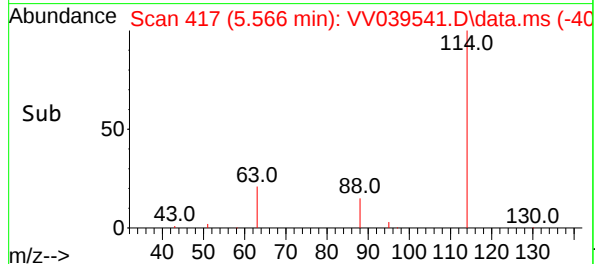
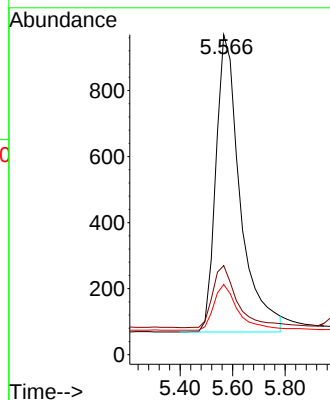
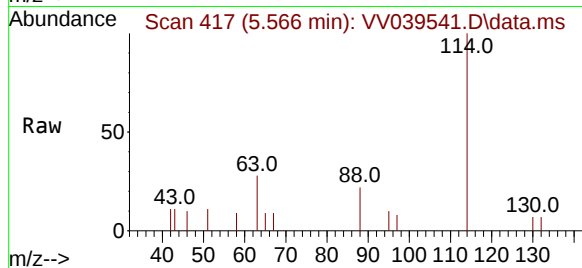




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

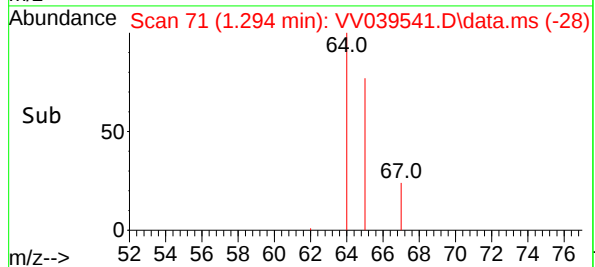
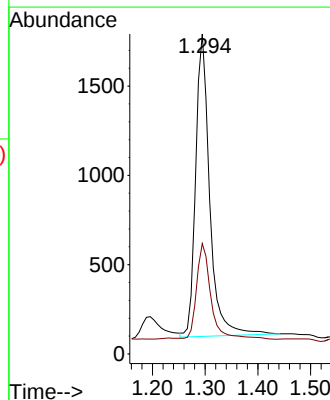
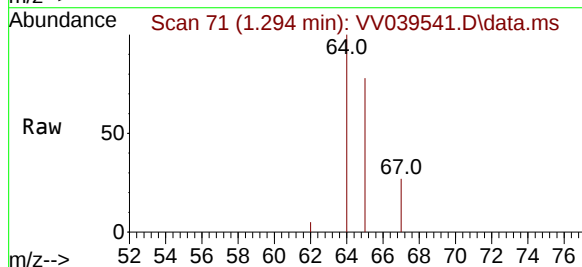
Instrument :
MSVOA_V
ClientSampleId :
TB01-120925

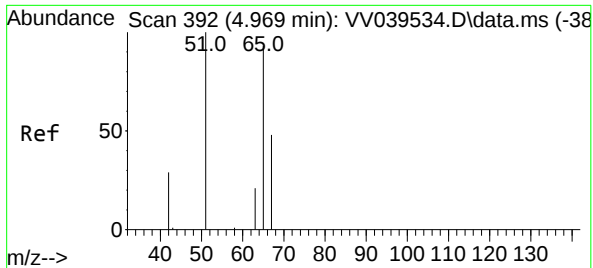
Tgt Ion:	114	Resp:	5761
Ion	Ratio	Lower	Upper
114	100		
63	21.1	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.553 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

Tgt Ion:	65	Resp:	3125
Ion	Ratio	Lower	Upper
65	100		
67	32.5	22.3	41.5

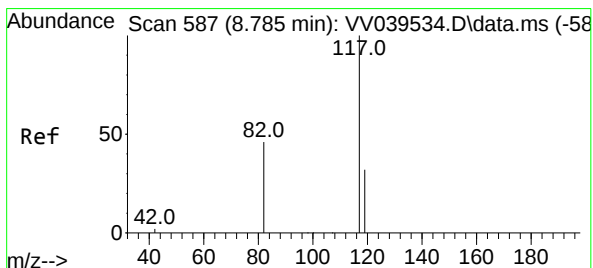
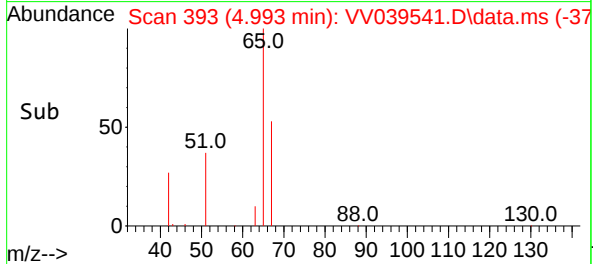
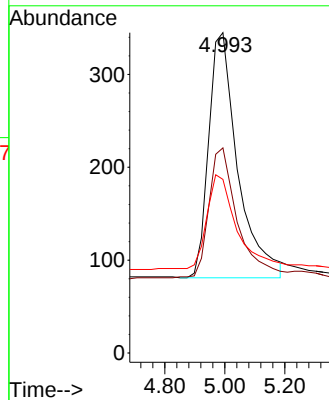
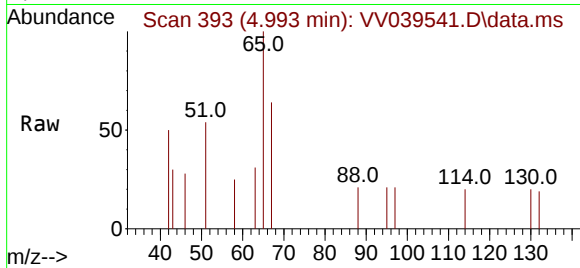




#4
1,2-Dichloroethane-d4
Concen: 0.463 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

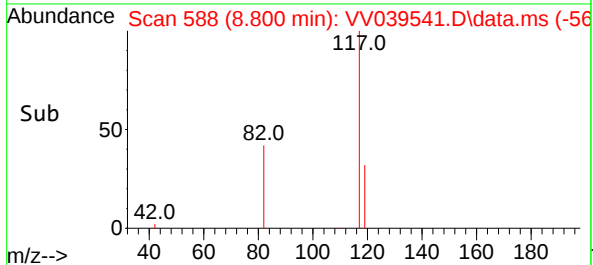
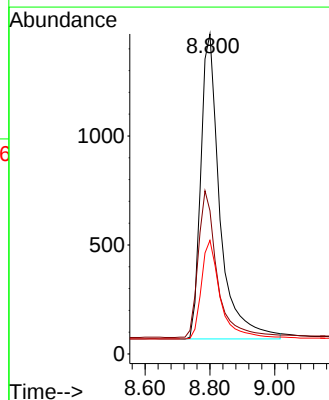
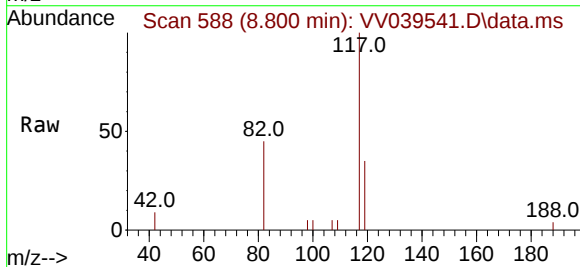
Instrument :
MSVOA_V
ClientSampleId :
TB01-120925

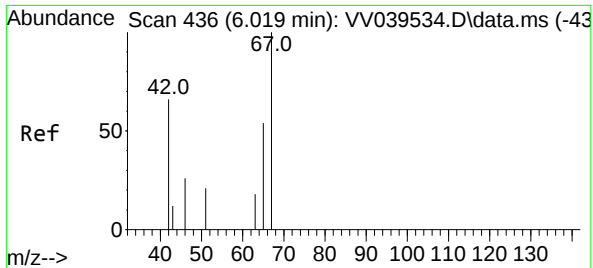
Tgt Ion: 65 Resp: 1775
Ion Ratio Lower Upper
65 100
67 51.9 32.5 60.3
51 40.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

Tgt Ion: 117 Resp: 5746
Ion Ratio Lower Upper
117 100
82 47.5 39.4 59.2
119 32.1 26.2 39.2

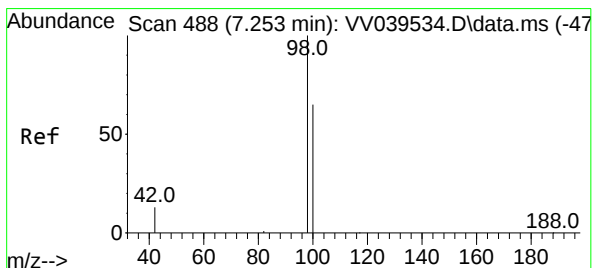
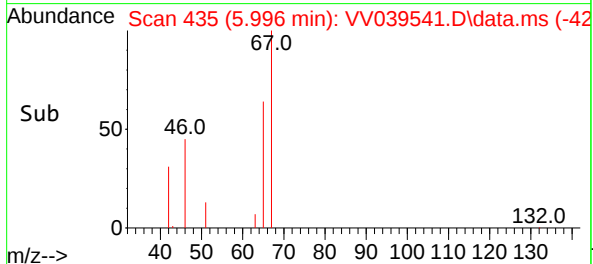
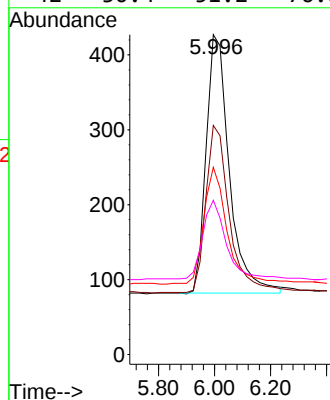
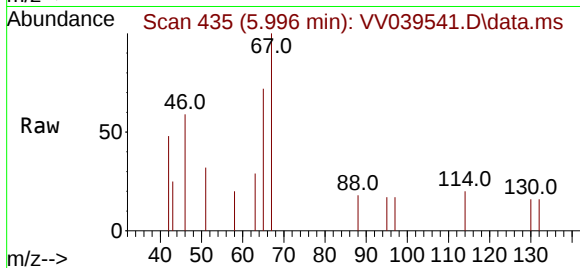




#7
1,2-Dichloropropane-d6
Concen: 0.410 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

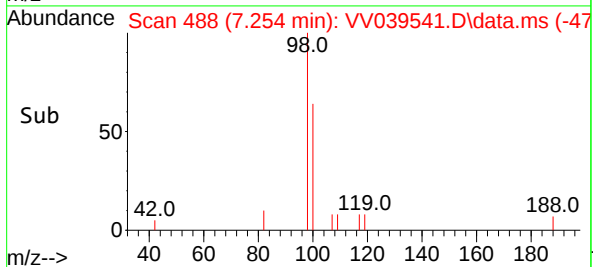
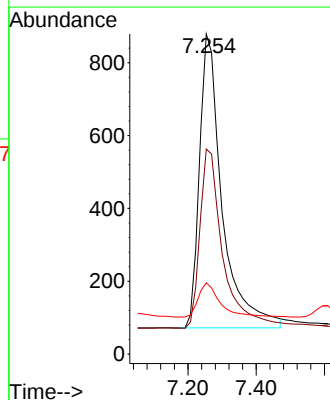
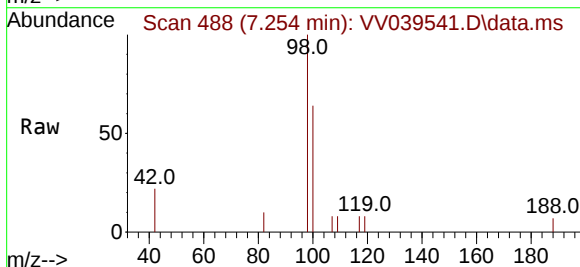
Instrument :
MSVOA_V
ClientSampleId :
TB01-120925

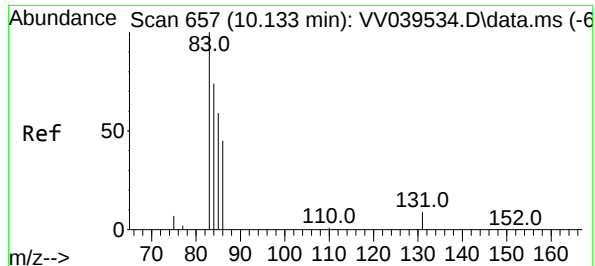
Tgt Ion:	67	Resp:	1989
Ion	Ratio	Lower	Upper
67	100		
65	64.9	37.9	56.9#
46	45.3	27.4	41.0#
42	30.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.455 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039541.D
Acq: 11 Dec 2025 14:50

Tgt Ion:	98	Resp:	3724
Ion	Ratio	Lower	Upper
98	100		
100	61.8	44.5	82.7
42	11.1	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.540 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039541.D

Acq: 11 Dec 2025 14:50

Instrument :

MSVOA_V

ClientSampleId :

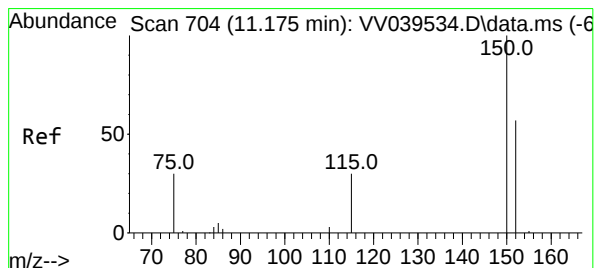
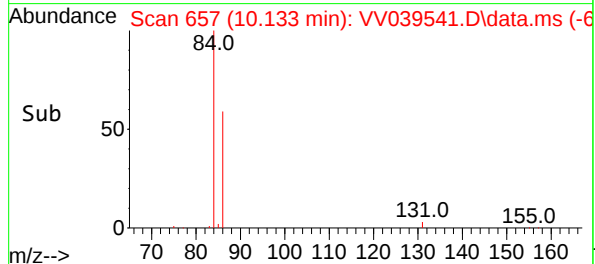
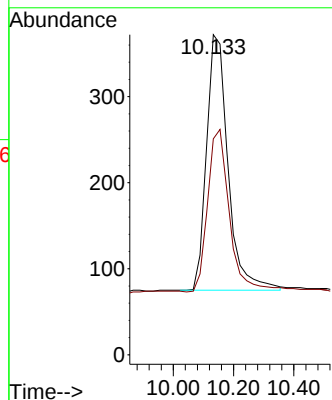
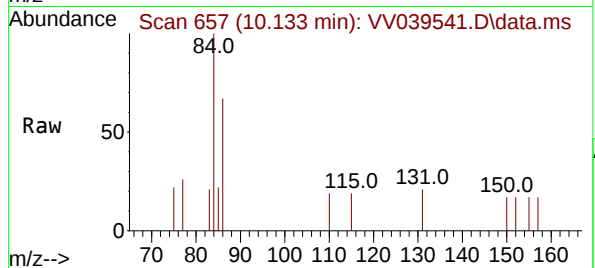
TB01-120925

Tgt Ion: 84 Resp: 1474

Ion Ratio Lower Upper

84 100

86 64.1 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: VV039541.D

Acq: 11 Dec 2025 14:50

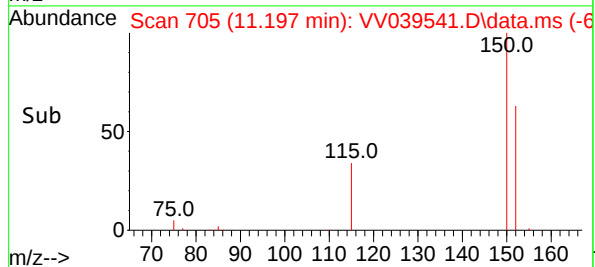
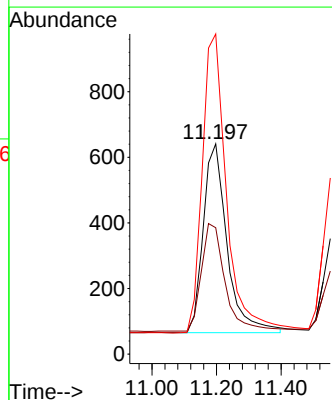
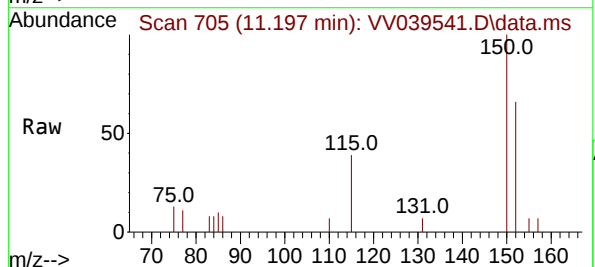
Tgt Ion: 152 Resp: 2968

Ion Ratio Lower Upper

152 100

115 56.9 0.0 101.6

150 160.5 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039543.D
 Acq On : 11 Dec 2025 15:50
 Operator : SY/MD
 Sample : Q3828-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 12 00:49:32 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	5516	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5593	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2855	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3351	0.619	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	124.000%
4) 1,2-Dichloroethane-d4	4.993	65	1782	0.485	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	5.996	67	2085	0.442	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	3852	0.484	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1496	0.563	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%

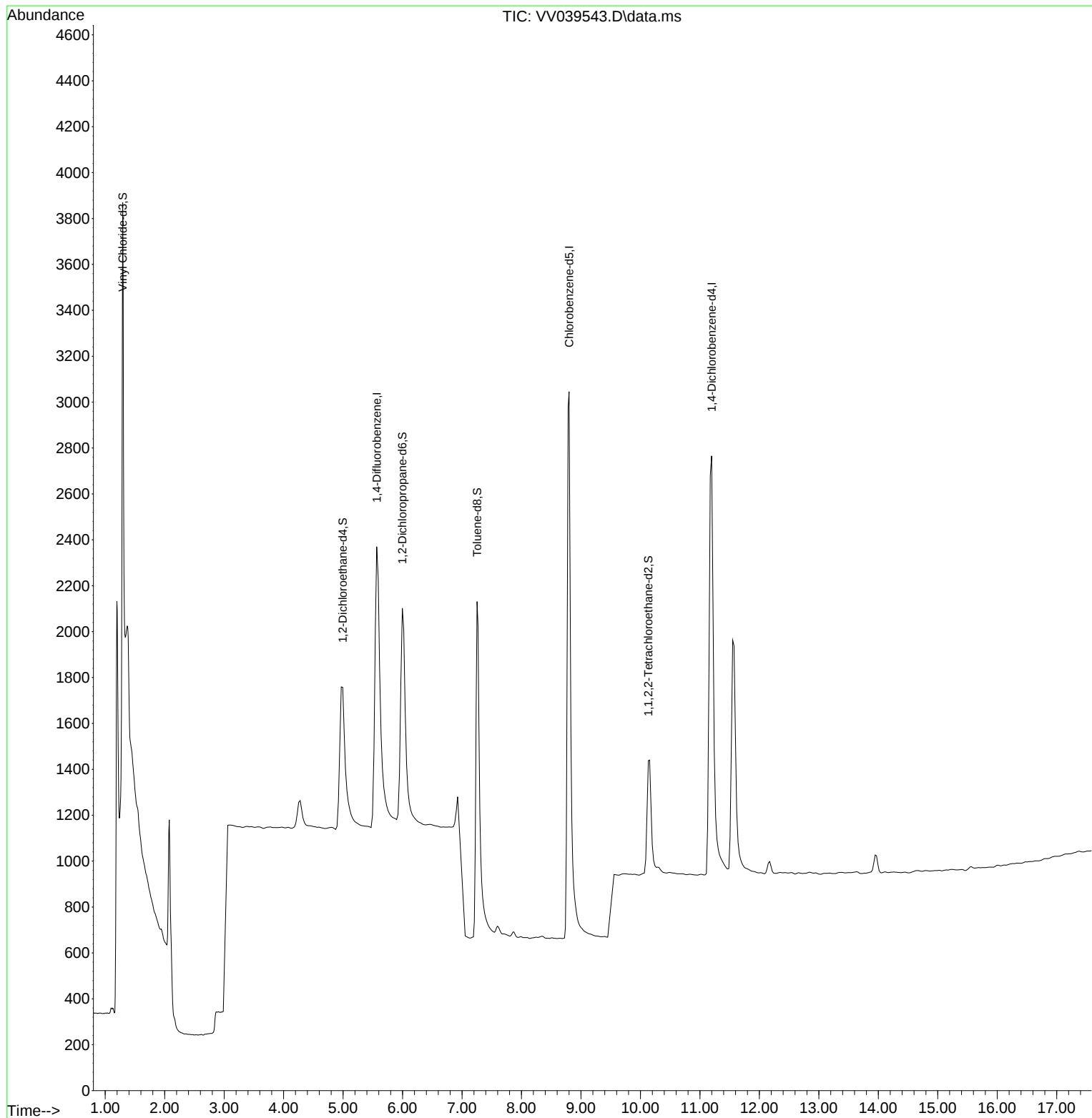
Target Compounds	Qvalue

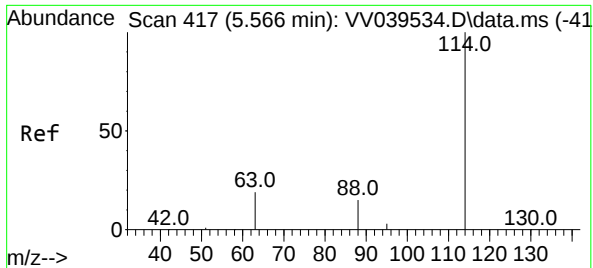
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039543.D
Acq On : 11 Dec 2025 15:50
Operator : SY/MD
Sample : Q3828-10
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: Dec 12 00:49:32 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

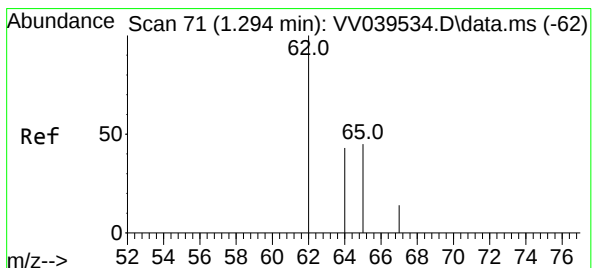
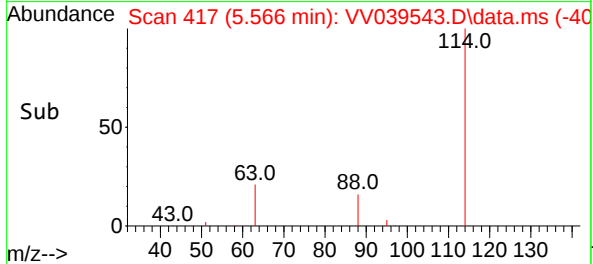
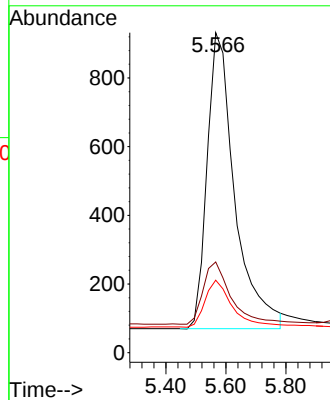
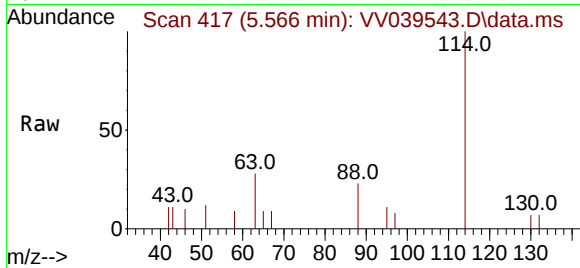




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

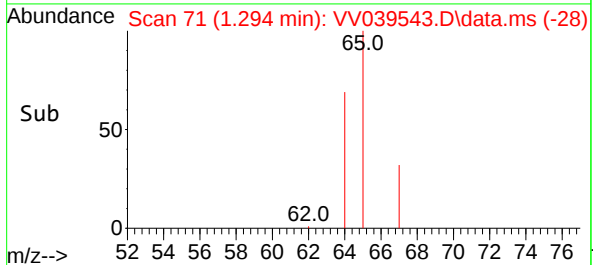
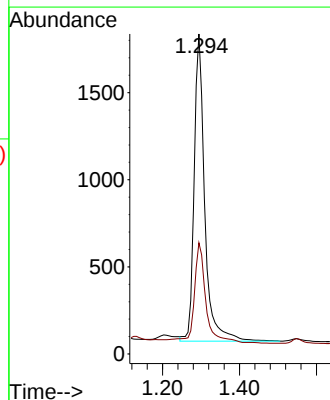
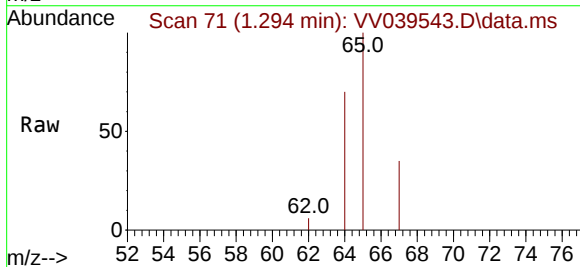
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

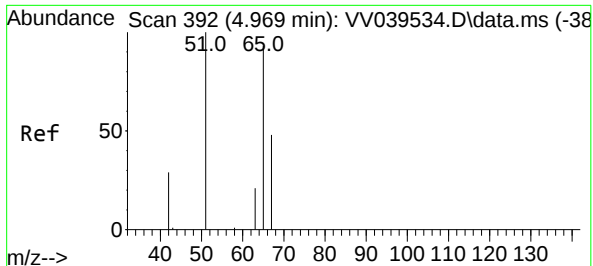
Tgt Ion:	114	Resp:	5516
Ion	Ratio	Lower	Upper
114	100		
63	21.1	15.0	22.4
88	15.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.619 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion:	65	Resp:	3351
Ion	Ratio	Lower	Upper
65	100		
67	35.4	22.3	41.5

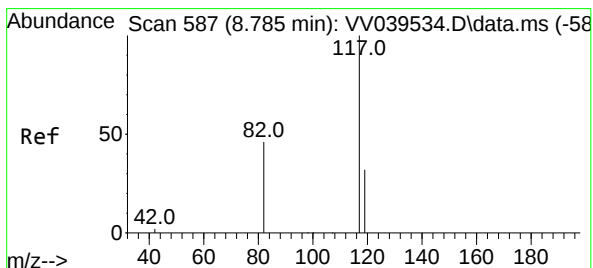
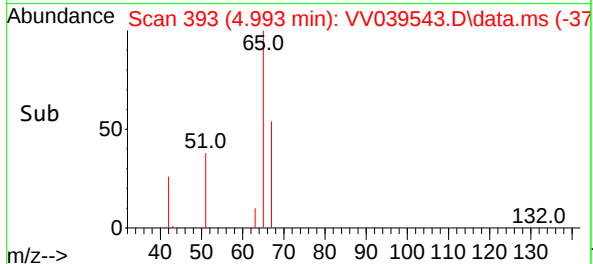
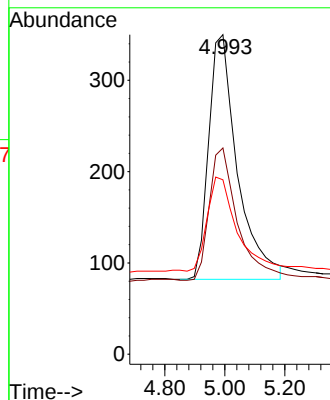
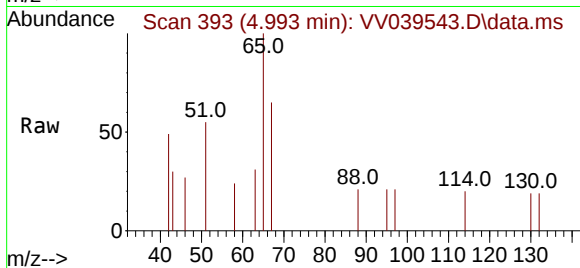




#4
1,2-Dichloroethane-d4
Concen: 0.485 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

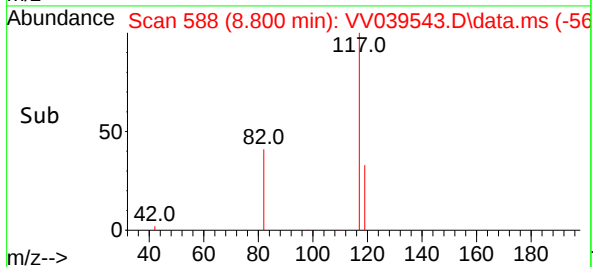
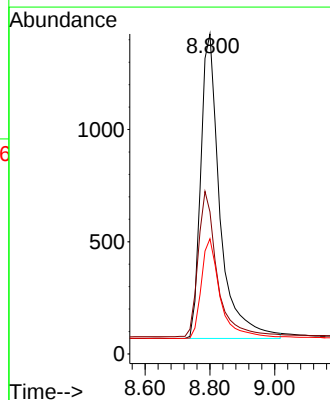
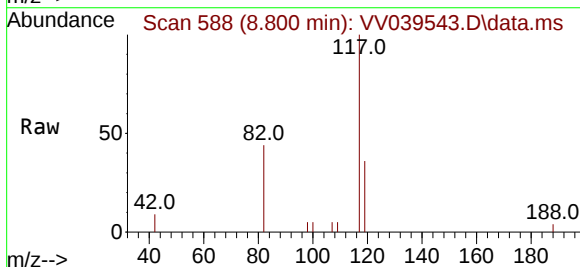
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

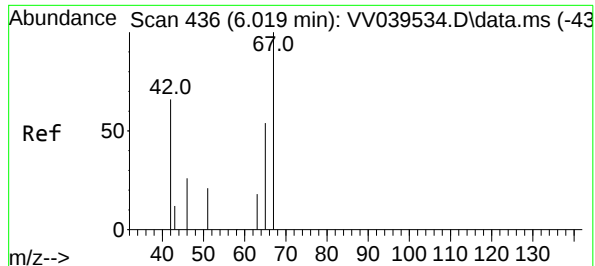
Tgt Ion: 65 Resp: 1782
Ion Ratio Lower Upper
65 100
67 53.4 32.5 60.3
51 40.0 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion: 117 Resp: 5593
Ion Ratio Lower Upper
117 100
82 47.0 39.4 59.2
119 32.4 26.2 39.2

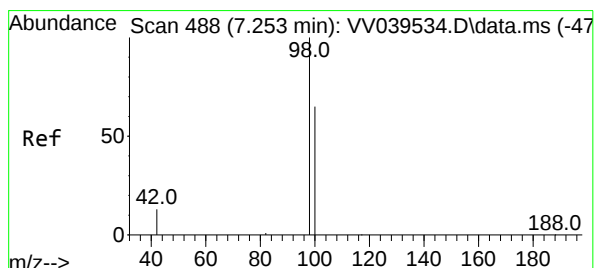
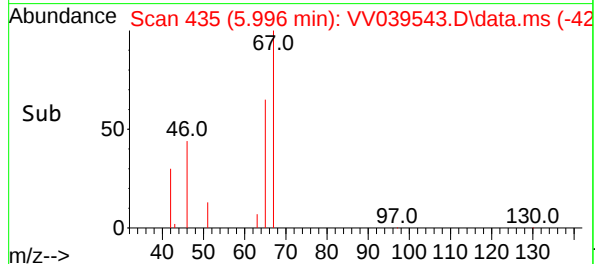
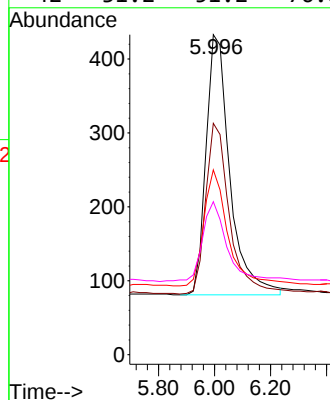
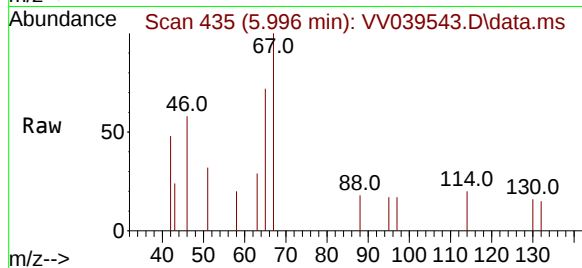




#7
1,2-Dichloropropane-d6
Concen: 0.442 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

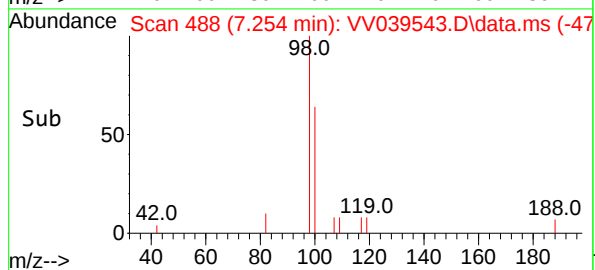
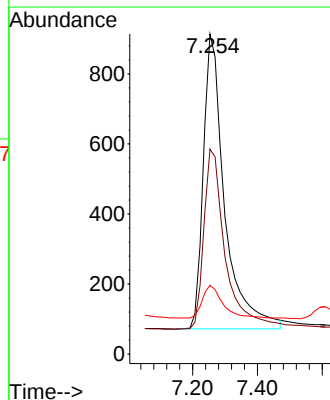
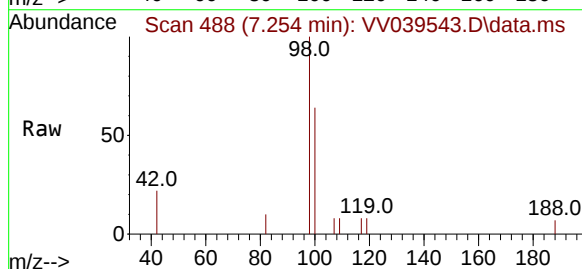
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

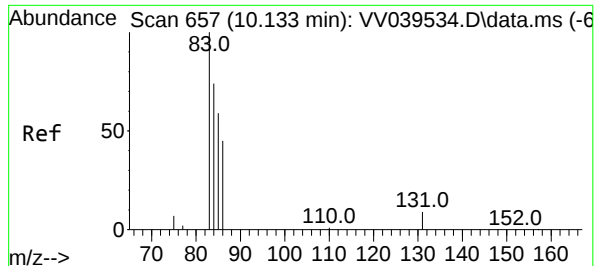
Tgt Ion:	67	Resp:	2085
Ion	Ratio	Lower	Upper
67	100		
65	65.3	37.9	56.9#
46	45.1	27.4	41.0#
42	31.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.484 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion:	98	Resp:	3852
Ion	Ratio	Lower	Upper
98	100		
100	61.3	44.5	82.7
42	10.4	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.563 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039543.D

Acq: 11 Dec 2025 15:50

Instrument :

MSVOA_V

ClientSampleId :

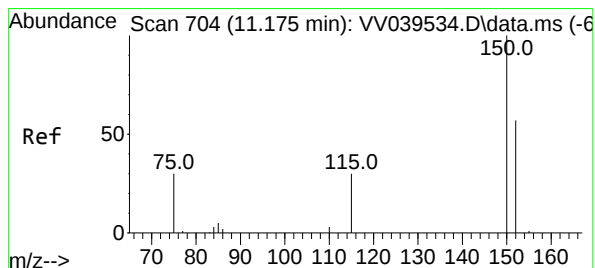
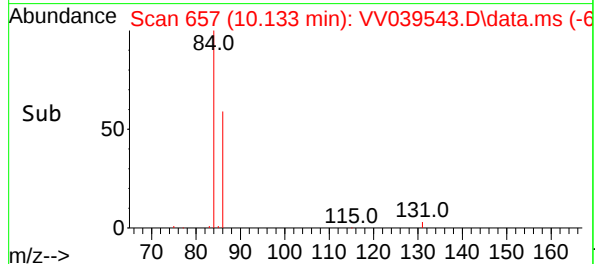
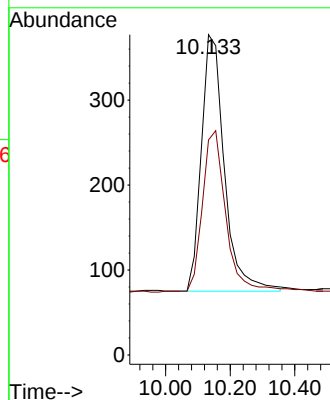
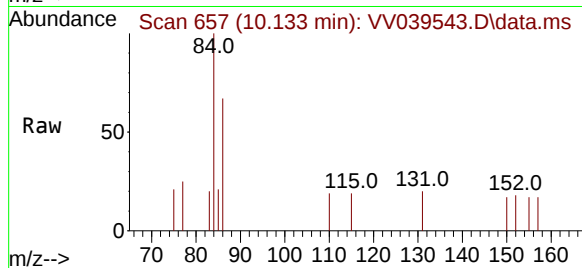
VHBLK001

Tgt Ion: 84 Resp: 1496

Ion Ratio Lower Upper

84 100

86 64.0 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: VV039543.D

Acq: 11 Dec 2025 15:50

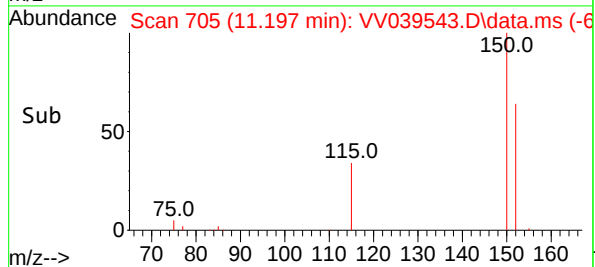
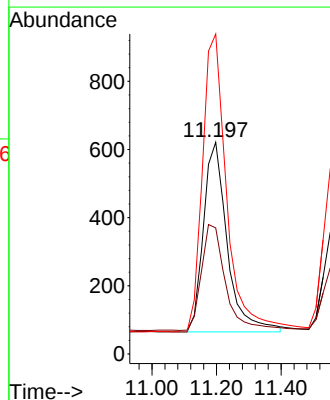
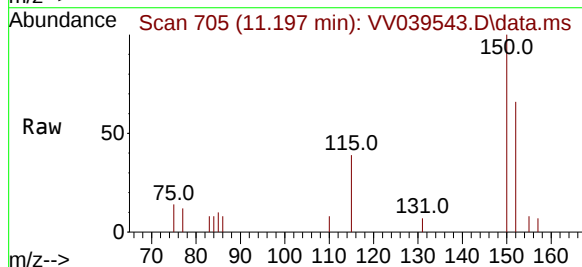
Tgt Ion: 152 Resp: 2855

Ion Ratio Lower Upper

152 100

115 56.4 0.0 101.6

150 159.1 0.0 396.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039535.D
Acq On : 11 Dec 2025 12:04
Operator : SY/MD
Sample : VV1211WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK240

A

B

C

D

E

F

G

H

I

J

Quant Time: Dec 12 00:48:01 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	5311	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5097	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2635	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3180	0.610	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	122.000%
4) 1,2-Dichloroethane-d4	4.970	65	1762	0.498	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	5.996	67	2019	0.469	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.000%
8) Toluene-d8	7.254	98	3786	0.522	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1427	0.589	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.000%

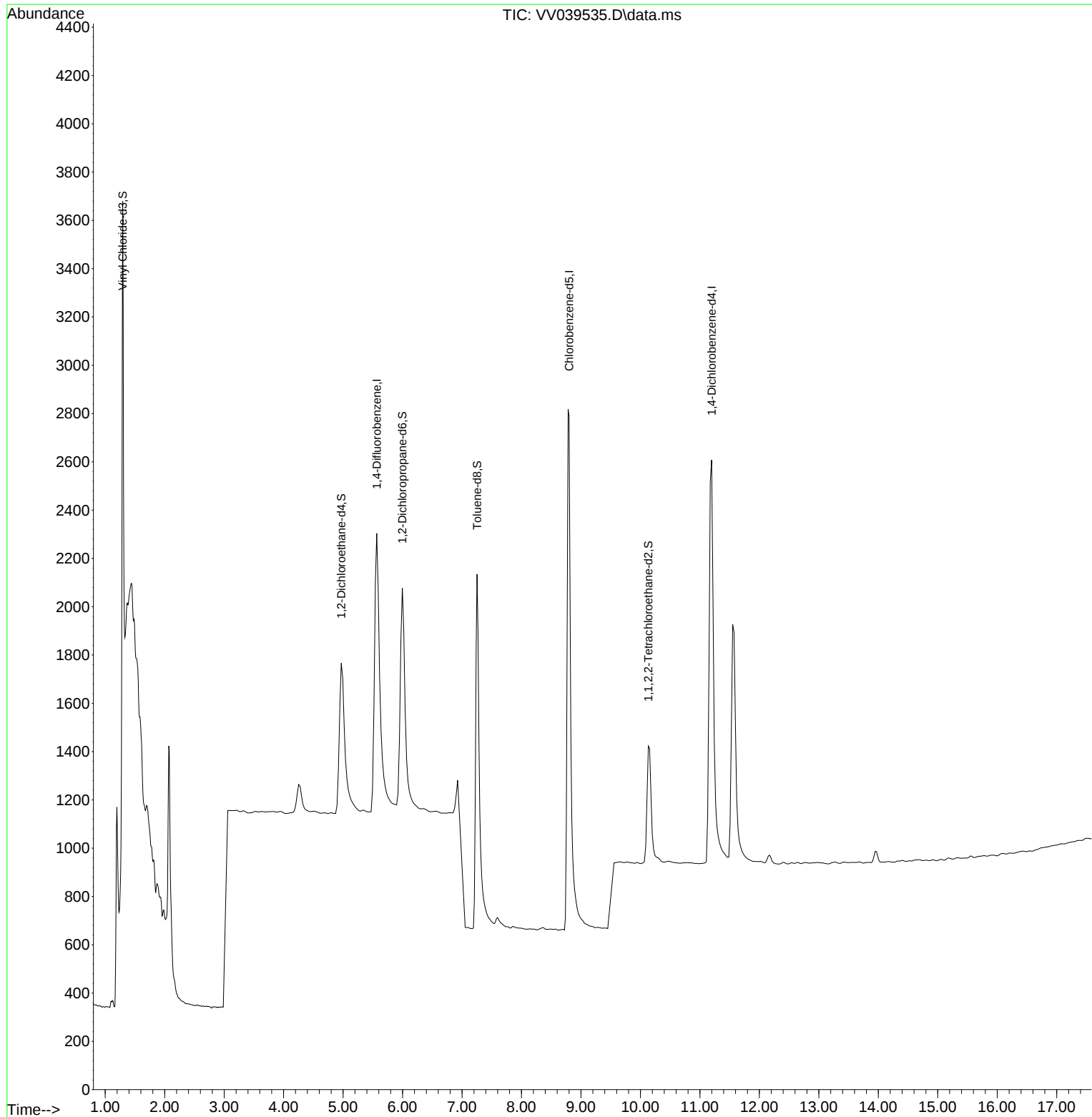
Target Compounds	Qvalue

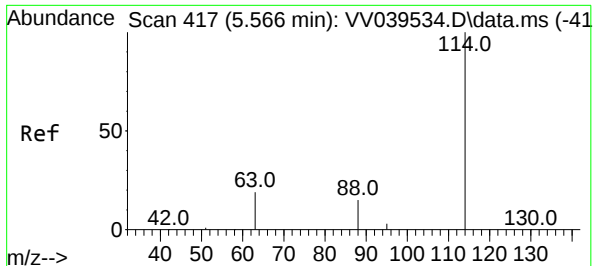
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
Data File : VV039535.D
Acq On : 11 Dec 2025 12:04
Operator : SY/MD
Sample : VV1211WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK240

Quant Time: Dec 12 00:48:01 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

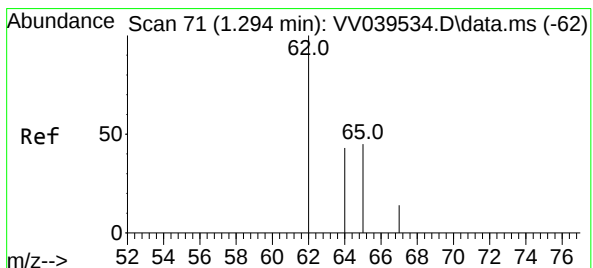
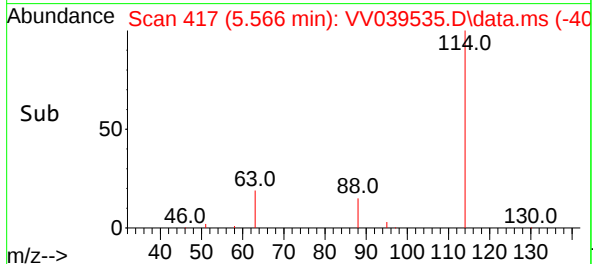
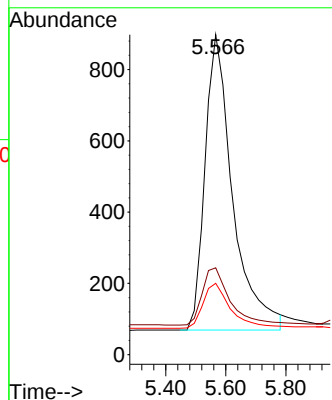
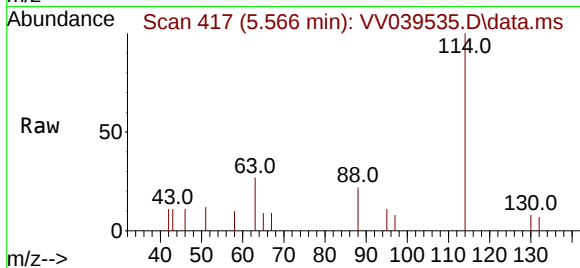




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

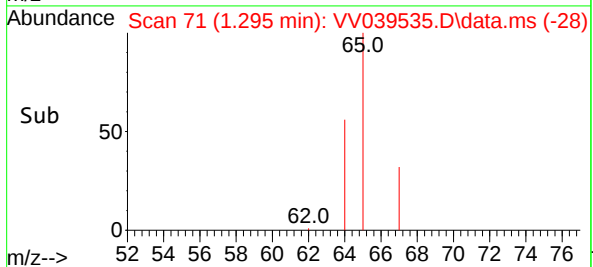
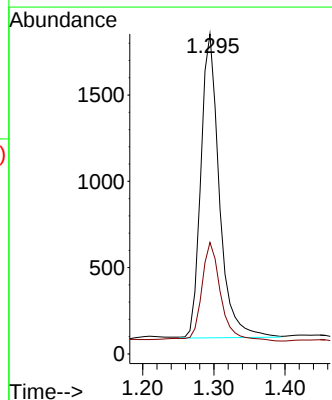
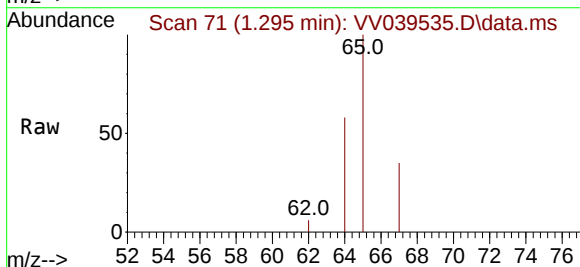
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

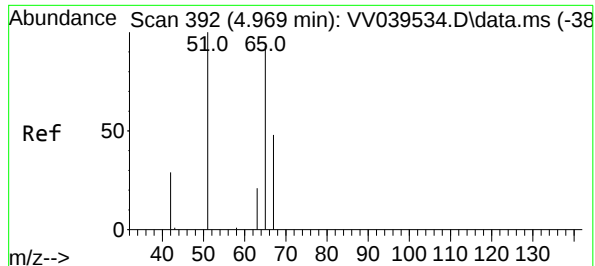
Tgt Ion:	114	Resp:	5311
Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.0	22.4
88	15.2	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.610 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion:	65	Resp:	3180
Ion	Ratio	Lower	Upper
65	100		
67	34.3	22.3	41.5

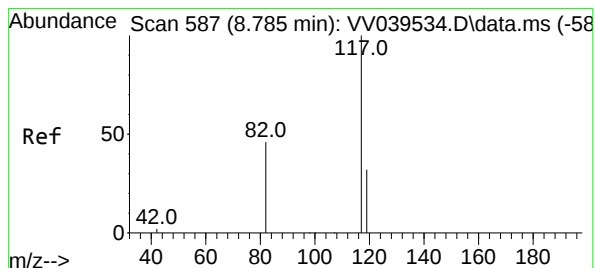
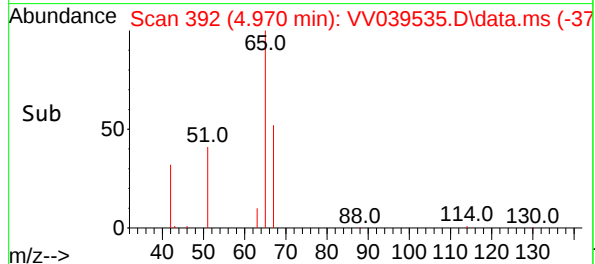
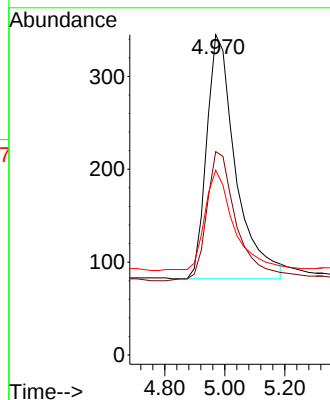
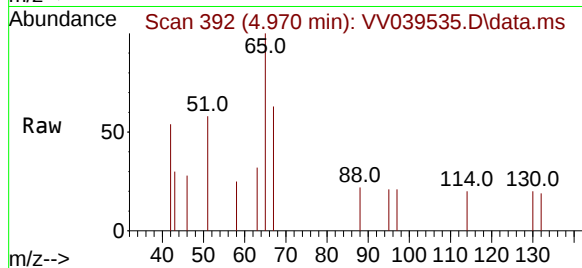




#4
1,2-Dichloroethane-d4
Concen: 0.498 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

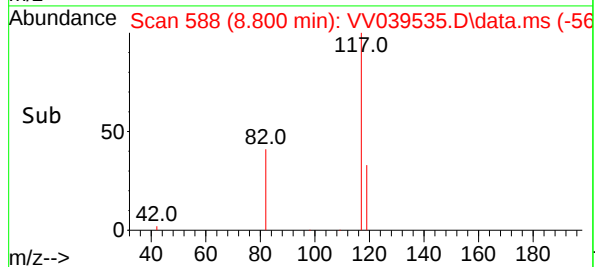
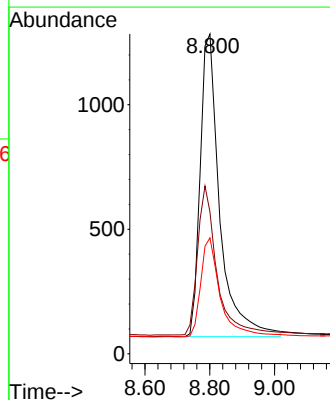
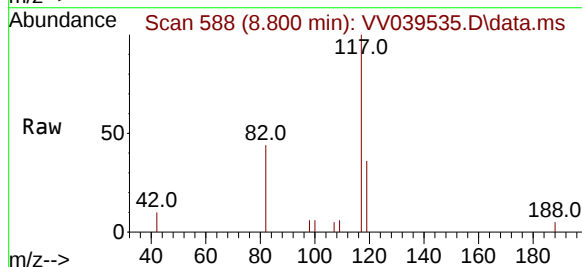
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

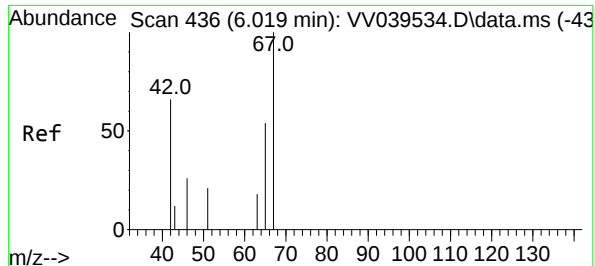
Tgt Ion:	65	Resp:	1762
Ion	Ratio	Lower	Upper
65	100		
67	54.5	32.5	60.3
51	41.2	121.4	225.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion:	117	Resp:	5097
Ion	Ratio	Lower	Upper
117	100		
82	49.1	39.4	59.2
119	32.5	26.2	39.2



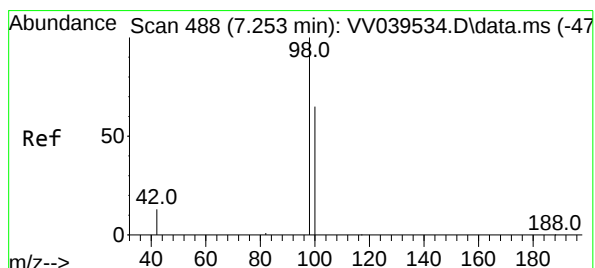
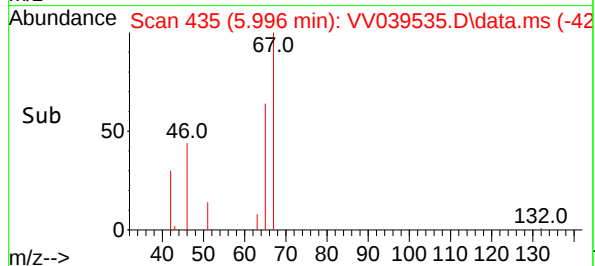
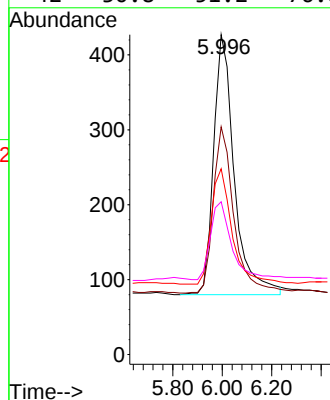
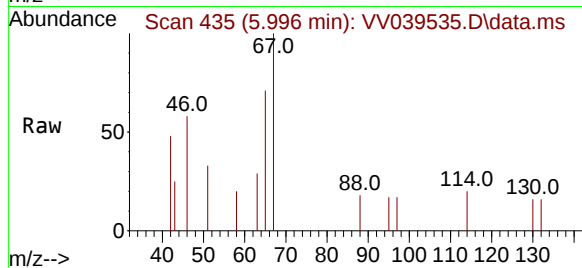


#7
1,2-Dichloropropane-d6
Concen: 0.469 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Instrument :
MSVOA_V
ClientSampleId :
VBLK240

Tgt Ion: 67 Resp: 2019

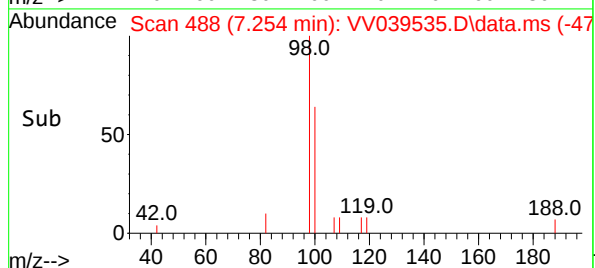
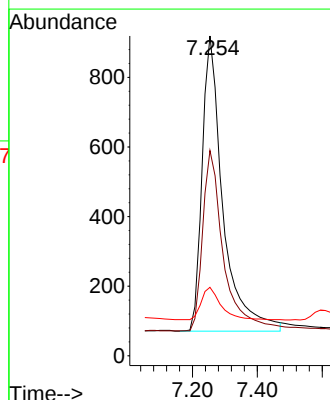
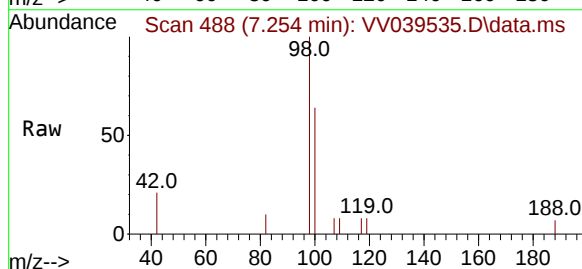
Ion	Ratio	Lower	Upper
67	100		
65	63.7	37.9	56.9#
46	44.8	27.4	41.0#
42	30.8	51.2	76.8#

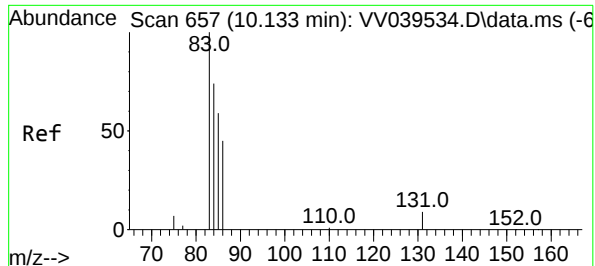


#8
Toluene-d8
Concen: 0.522 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion: 98 Resp: 3786

Ion	Ratio	Lower	Upper
98	100		
100	61.1	44.5	82.7
42	10.1	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.589 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039535.D

Acq: 11 Dec 2025 12:04

Instrument :

MSVOA_V

ClientSampleId :

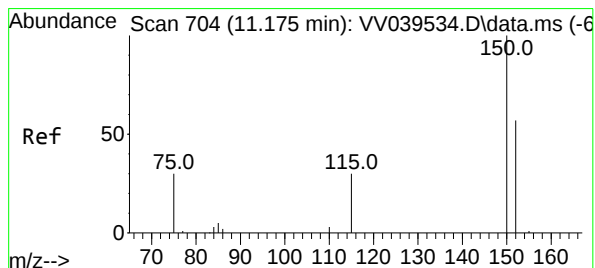
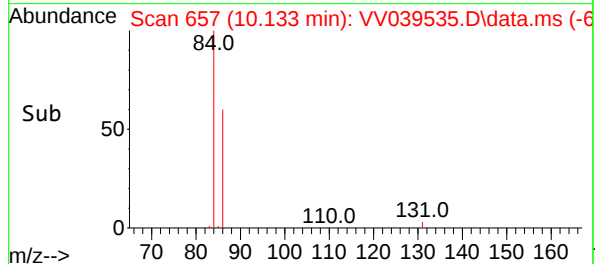
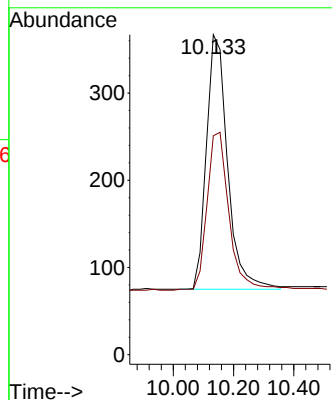
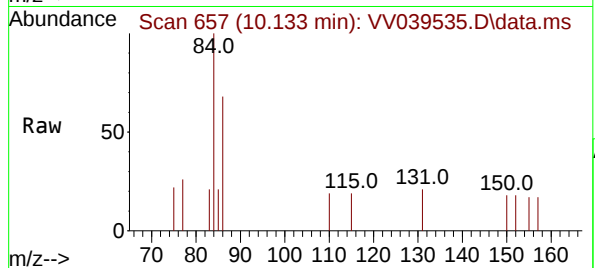
VBLK240

Tgt Ion: 84 Resp: 1427

Ion Ratio Lower Upper

84 100

86 64.2 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: VV039535.D

Acq: 11 Dec 2025 12:04

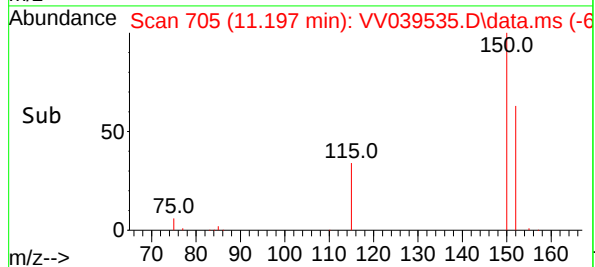
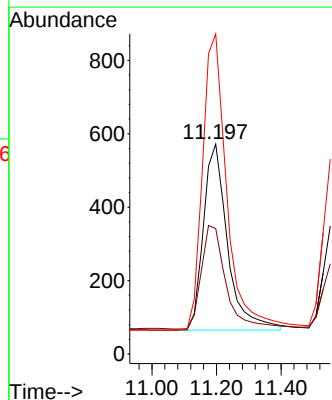
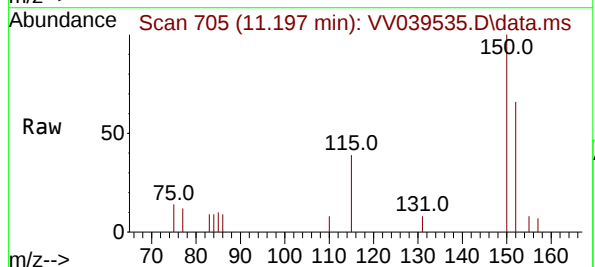
Tgt Ion: 152 Resp: 2635

Ion Ratio Lower Upper

152 100

115 56.5 0.0 101.6

150 159.5 0.0 396.2





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

Manual Integration Report

Sequence:

VV120325

Instrument

MSVOA_v

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

VV121125

Instrument

MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3828-07	VV039540.D	Vinyl Chloride-d3	JOHN	12/12/2025 1:02:57 PM	MMDadoda	12/12/2025 1:23:43 PM	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/QC Batch ID # VV121125

Review By	John Carlone	Review On	12/12/2025 1:03:16 PM
Supervise By	Maresh Dadoda	Supervise On	12/12/2025 1:24:01 PM
SubDirectory	VV121125	HP Acquire Method	SIM_V
		HP Processing Method	SFAMVSIM120325MA.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136623		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136624,VP136625 VP135611		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB250	VV039533.D	11 Dec 2025 08:07	SY/MD	Ok
2	VSTDCCC0.5	VV039534.D	11 Dec 2025 11:14	SY/MD	Ok
3	VV1211WBL01	VV039535.D	11 Dec 2025 12:04	SY/MD	Ok
4	Q3835-03	VV039536.D	11 Dec 2025 12:54	SY/MD	Ok
5	Q3835-06	VV039537.D	11 Dec 2025 13:15	SY/MD	Ok
6	Q3828-02	VV039538.D	11 Dec 2025 13:46	SY/MD	Ok
7	Q3828-04	VV039539.D	11 Dec 2025 14:08	SY/MD	Ok
8	Q3828-07	VV039540.D	11 Dec 2025 14:29	SY/MD	Ok,M
9	Q3828-09	VV039541.D	11 Dec 2025 14:50	SY/MD	Ok
10	Q3835-07	VV039542.D	11 Dec 2025 15:29	SY/MD	Ok
11	Q3828-10	VV039543.D	11 Dec 2025 15:50	SY/MD	Ok
12	VSTDCCC0.5EC	VV039544.D	11 Dec 2025 16:15	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 # VV121125

Review By	John Carlone	Review On	12/12/2025 1:03:16 PM
Supervise By	Maresh Dadoda	Supervise On	12/12/2025 1:24:01 PM
SubDirectory	VV121125	HP Acquire Method	SIM_V
		HP Processing Method	SFAMVSIM120325MA.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP136623
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136624,VP136625 VP135611

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB250	BFB250	VV039533.D	11 Dec 2025 08:07		SY/MD	Ok
2	VSTDCCC0.5	VSTD0.5343	VV039534.D	11 Dec 2025 11:14	pH#lot#v14222	SY/MD	Ok
3	VV1211WBL01	VBLK240	VV039535.D	11 Dec 2025 12:04		SY/MD	Ok
4	Q3835-03	OWBR-01-170-121025	VV039536.D	11 Dec 2025 12:54	pH#1.0 A	SY/MD	Ok
5	Q3835-06	TB01-121025	VV039537.D	11 Dec 2025 13:15	pH#1.0 A ,TB	SY/MD	Ok
6	Q3828-02	BR-02-133-120925-SIM	VV039538.D	11 Dec 2025 13:46	pH#1.0 A	SY/MD	Ok
7	Q3828-04	OWBR-06-219-120925	VV039539.D	11 Dec 2025 14:08	pH#1.0 A	SY/MD	Ok
8	Q3828-07	OWBR-03-138-120925	VV039540.D	11 Dec 2025 14:29	pH#1.0 A	SY/MD	Ok,M
9	Q3828-09	TB01-120925	VV039541.D	11 Dec 2025 14:50	pH#1.0 A ,TB	SY/MD	Ok
10	Q3835-07	VHBLK001	VV039542.D	11 Dec 2025 15:29	pH#1.0 A ,SB	SY/MD	Ok
11	Q3828-10	VHBLK001	VV039543.D	11 Dec 2025 15:50	pH#1.0 A ,SB	SY/MD	Ok
12	VSTDCCC0.5EC	VSTD0.5344	VV039544.D	11 Dec 2025 16:15		SY/MD	Ok

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3828	OrderDate:	12/9/2025 4:14:00 PM
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
Q3828-02	BR-02-133-120925-SI M	Water	VOC-SIM	SFAM_VOCSI M	12/09/25		12/11/25	12/09/25
Q3828-04	OWBR-06-219-12092 5-SIM	Water	VOC-SIM	SFAM_VOCSI M	12/09/25		12/11/25	12/09/25
Q3828-07	OWBR-03-138-12092 5-SIM	Water	VOC-SIM	SFAM_VOCSI M	12/09/25		12/11/25	12/09/25
Q3828-09	TB01-120925	Water	VOC-SIM	SFAM_VOCSI M	12/09/25		12/11/25	12/09/25
Q3828-10	VHBLK001	Water	VOC-SIM	SFAM_VOCSI M	12/09/25		12/11/25	12/09/25