

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039475.D
 Acq On : 05 Dec 2025 13:16
 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 05 22:47:48 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)

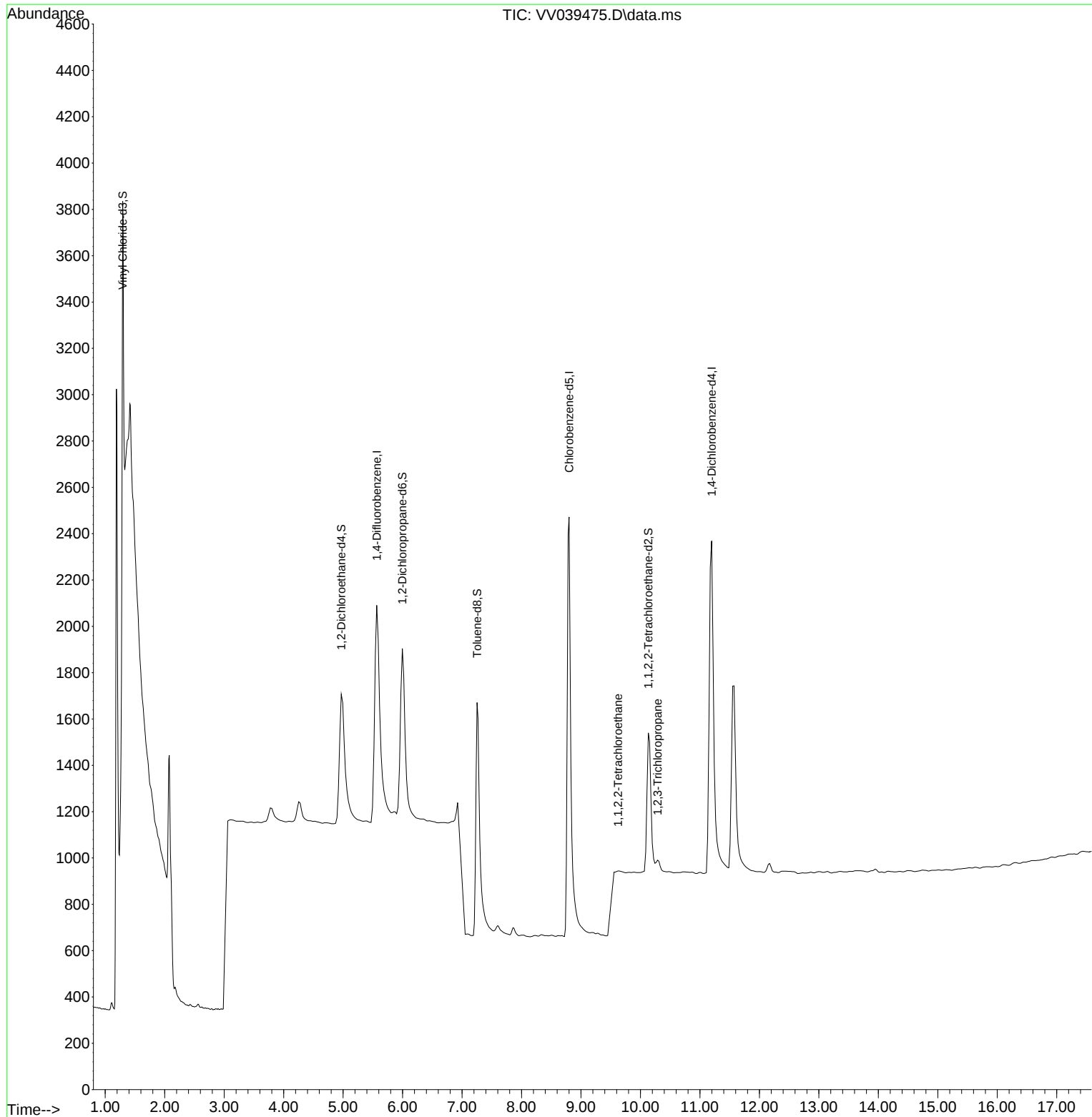
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	4334	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	4348	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2268	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2551	0.585	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery	= 118.000%		
4) 1,2-Dichloroethane-d4	4.969	65	1684	0.583	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	= 116.000%		
7) 1,2-Dichloropropane-d6	5.995	67	1608	0.438	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery	= 88.000%		
8) Toluene-d8	7.253	98	2739	0.443	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery	= 88.000%		
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1739	0.841	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery	= 168.000%#		
Target Compounds						
						Qvalue
11) 1,1,2,2-Tetrachloroethane	9.622	83	1432	0.328	ug/L #	48
13) 1,2,3-Trichloropropane	10.288	75	83	0.035	ug/L #	92

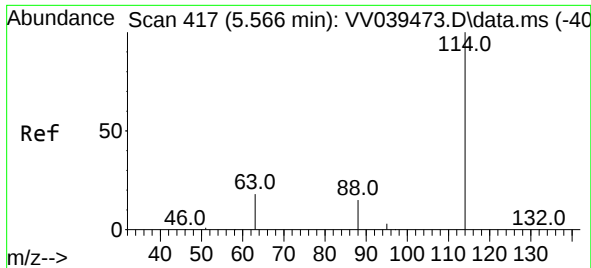
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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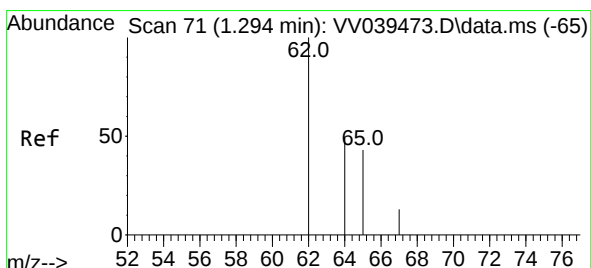
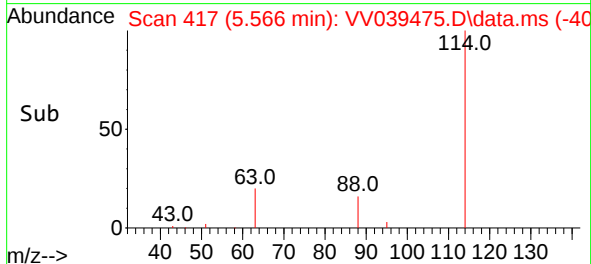
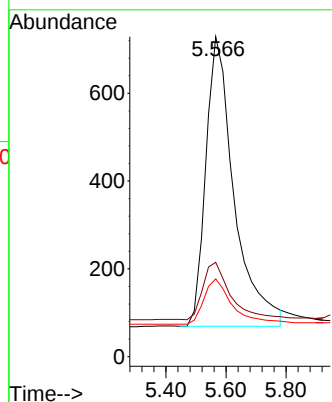
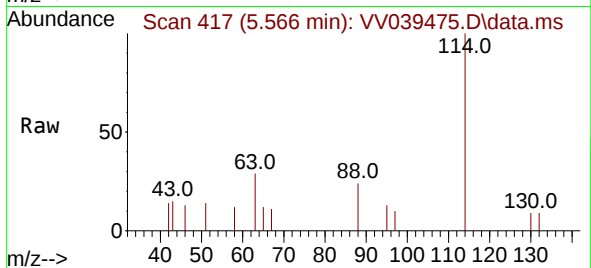




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

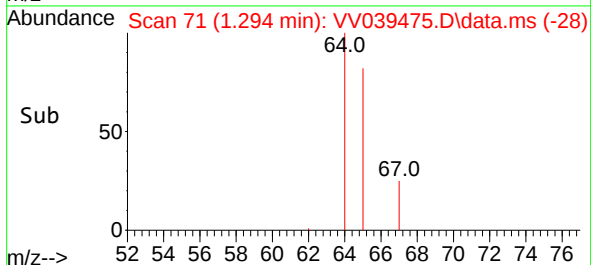
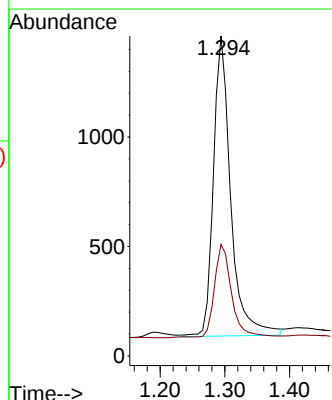
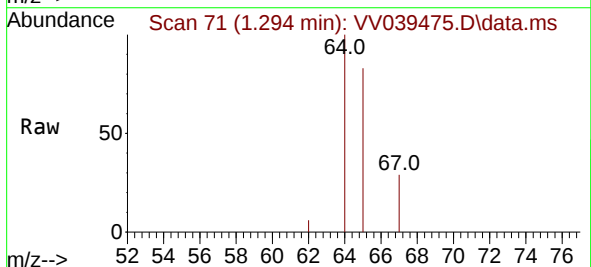
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

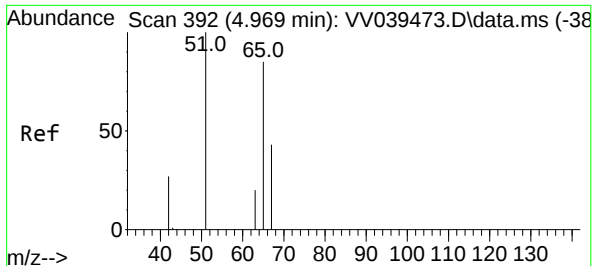
Tgt Ion:	114	Resp:	4334
Ion Ratio	Lower	Upper	
114	100		
63	19.0	15.0	22.4
88	15.6	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.585 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	65	Resp:	2551
Ion Ratio	Lower	Upper	
65	100		
67	29.9	22.3	41.5

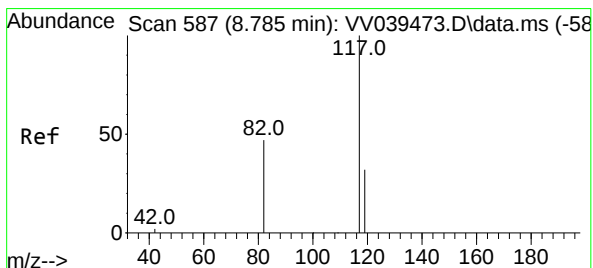
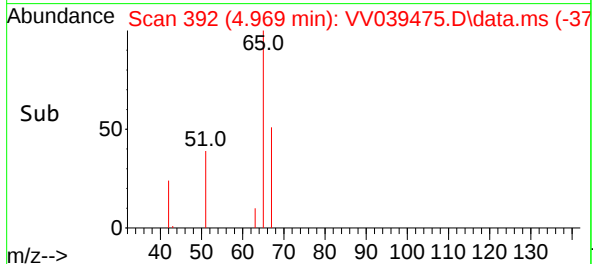
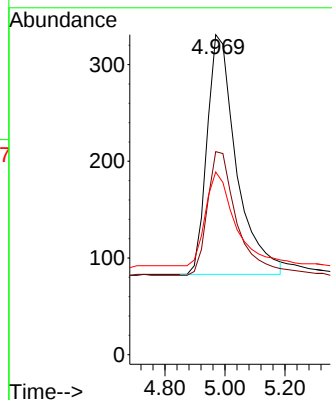
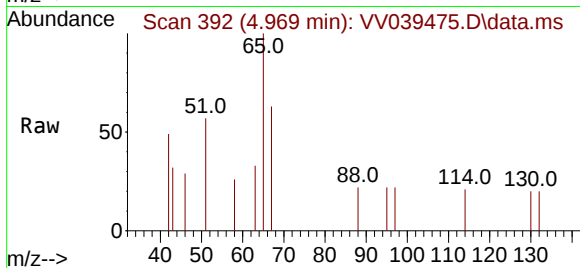




#4
1,2-Dichloroethane-d4
Concen: 0.583 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

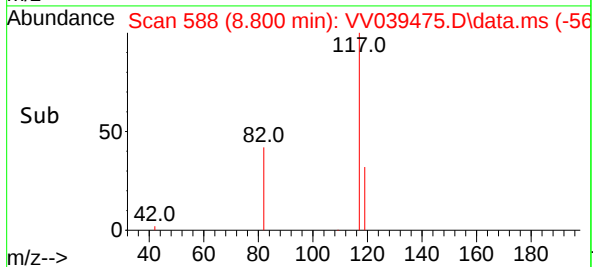
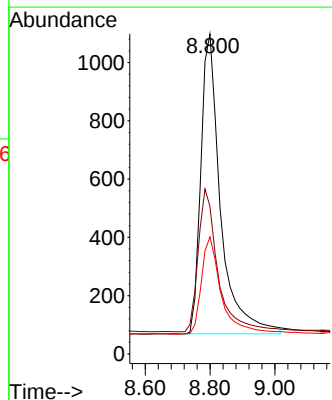
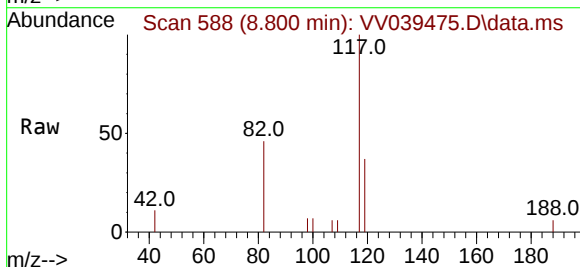
Instrument :
MSVOA_V
ClientSampleId :
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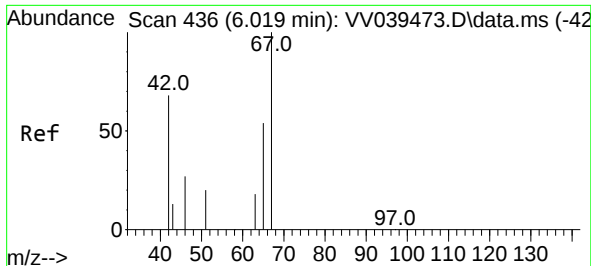
Tgt Ion:	65	Resp:	1684
Ion	Ratio	Lower	Upper
65	100		
67	51.4	32.5	60.3
51	39.5	121.4	225.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	117	Resp:	4348
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	32.6	26.2	39.2

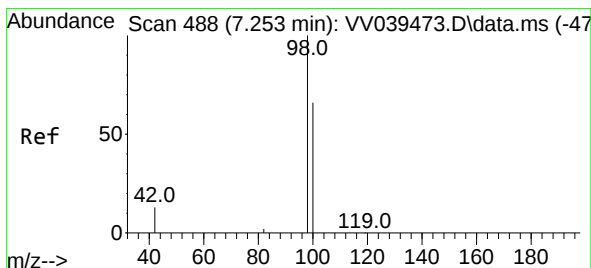
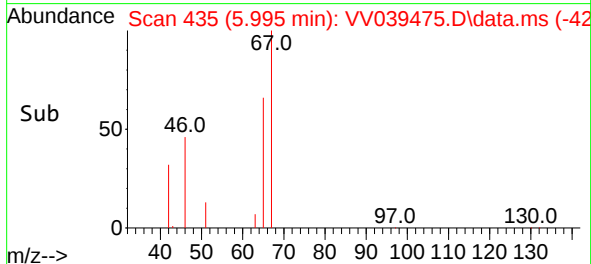
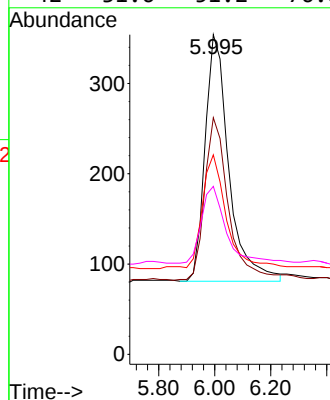
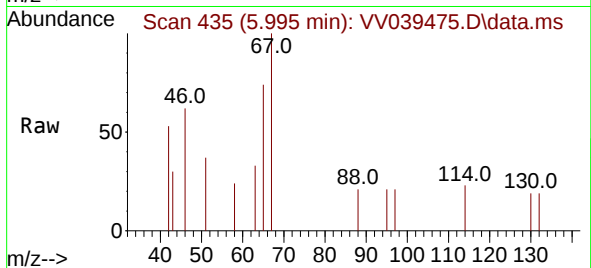




#7
1,2-Dichloropropane-d6
Concen: 0.438 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

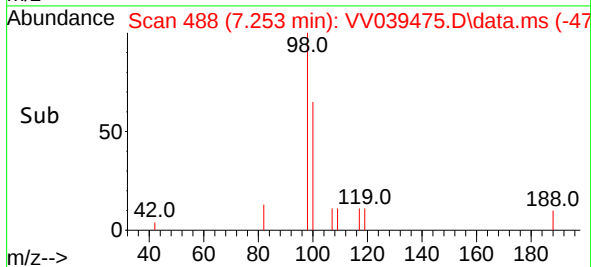
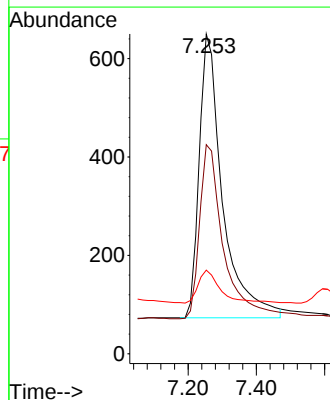
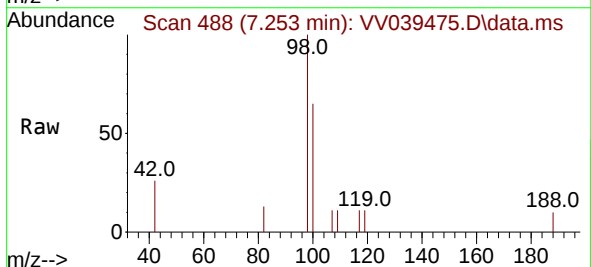
Instrument :
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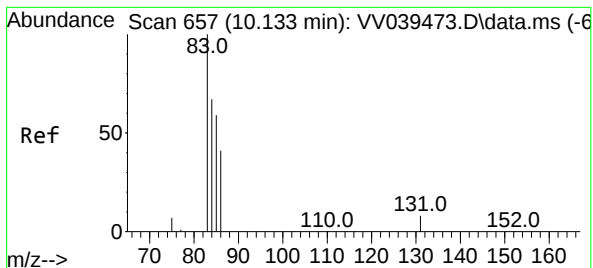
Tgt Ion:	67	Resp:	1608
Ion	Ratio	Lower	Upper
67	100		
65	65.5	37.9	56.9#
46	47.1	27.4	41.0#
42	31.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.443 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	98	Resp:	2739
Ion	Ratio	Lower	Upper
98	100		
100	62.9	44.5	82.7
42	10.4	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.841 ug/L

RT: 10.132 min Scan# 61

Delta R.T. -0.001 min

Lab File: VV039475.D

Acq: 05 Dec 2025 13:16

Instrument :

MSVOA_V

ClientSampleId :

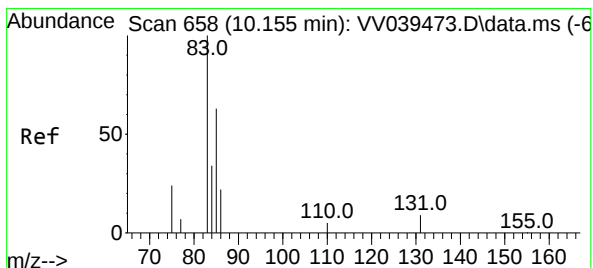
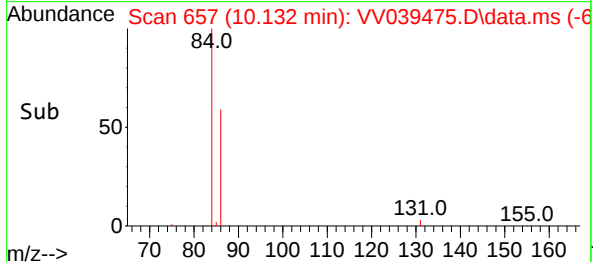
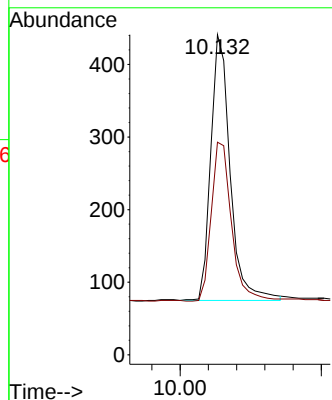
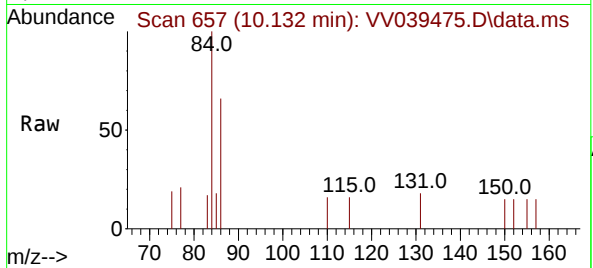
MW-14A-17.5-120325-SIM

Tgt Ion: 84 Resp: 1739

Ion Ratio Lower Upper

84 100

86 62.4 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.328 ug/L

RT: 9.622 min Scan# 634

Delta R.T. -0.533 min

Lab File: VV039475.D

Acq: 05 Dec 2025 13:16

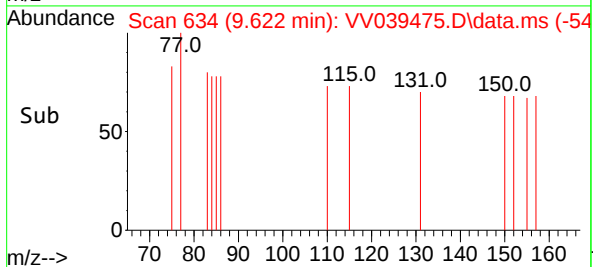
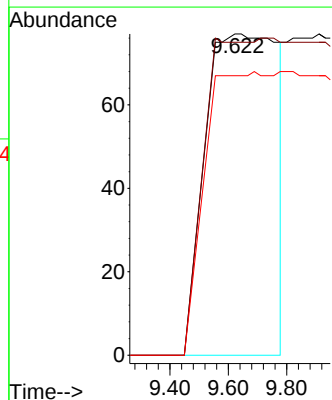
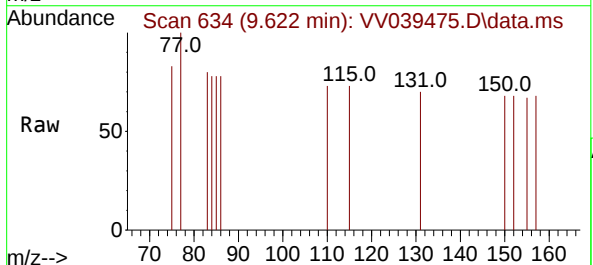
Tgt Ion: 83 Resp: 1432

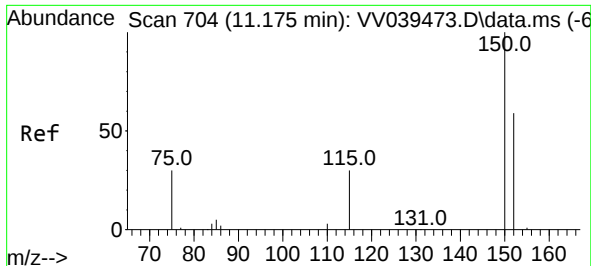
Ion Ratio Lower Upper

83 100

85 39.3 51.0 76.6#

131 75.7 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039475.D

Acq: 05 Dec 2025 13:16

Instrument :

MSVOA_V

ClientSampleId :

MW-14A-17.5-120325-SIM

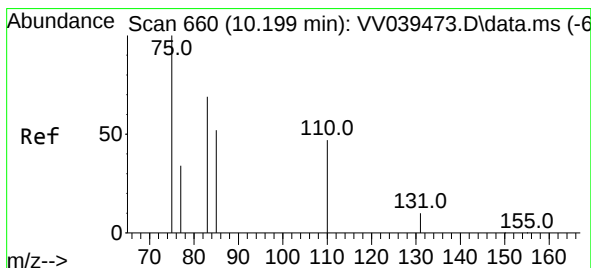
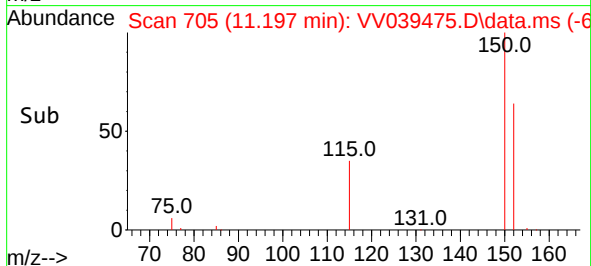
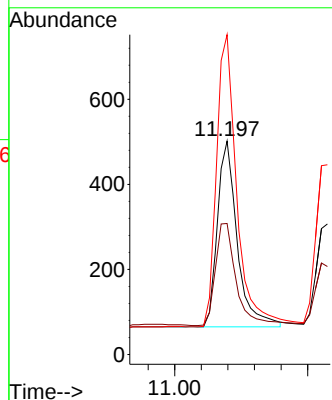
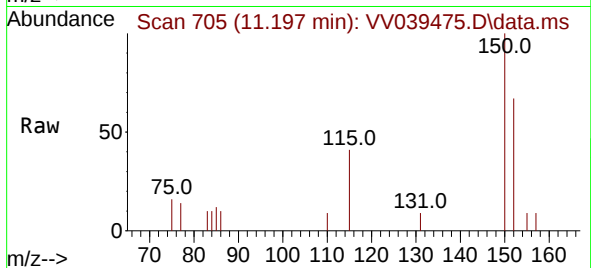
Tgt Ion:152 Resp: 2268

Ion Ratio Lower Upper

152 100

115 57.1 0.0 101.6

150 159.0 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.035 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.088 min

Lab File: VV039475.D

Acq: 05 Dec 2025 13:16

Tgt Ion: 75 Resp: 83

Ion Ratio Lower Upper

75 100

110 48.2 37.8 56.6

77 42.2 25.6 38.4#

