

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

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

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

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

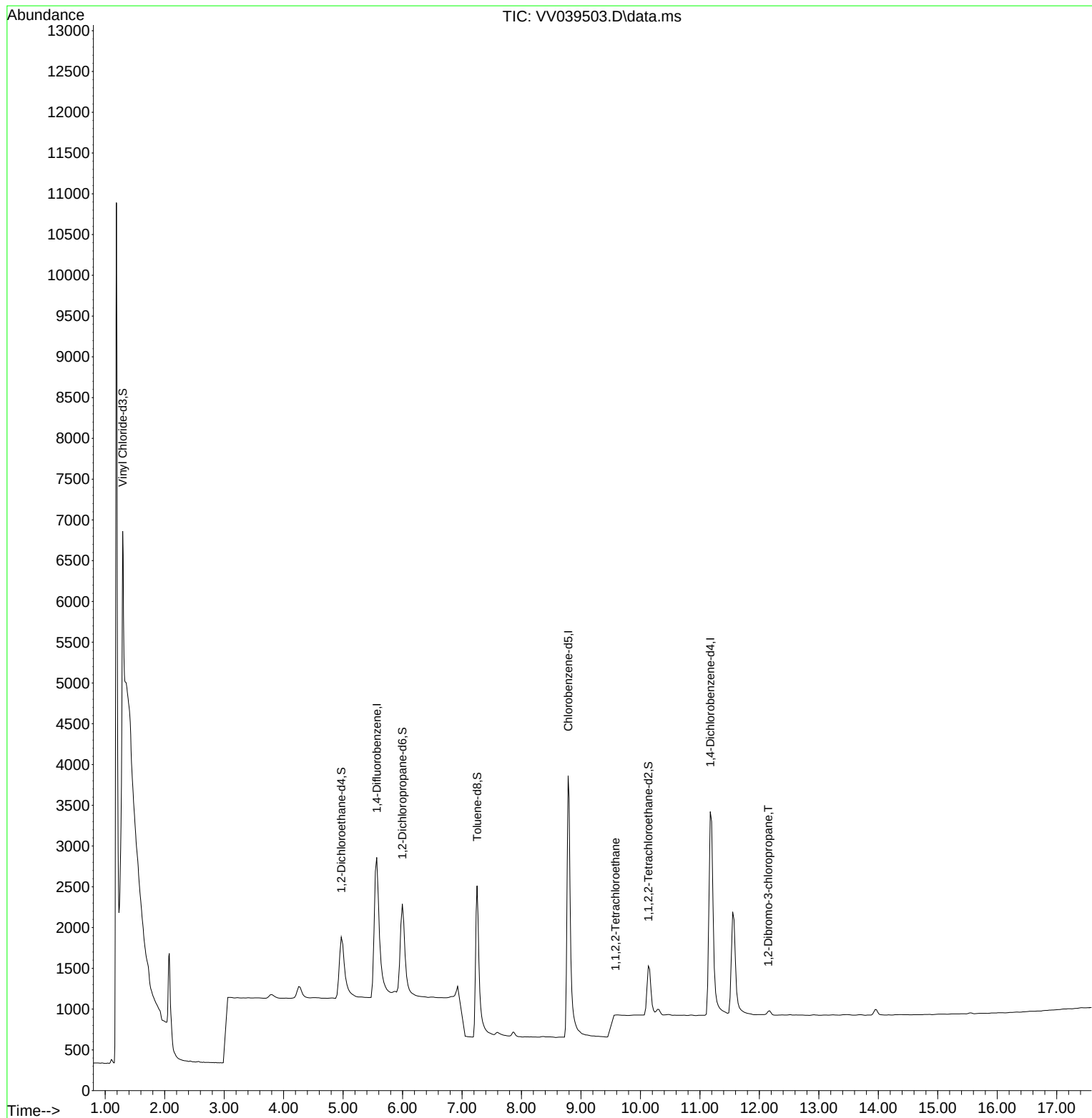
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7765	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7166	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3774	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	4004	0.525	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.000%
4) 1,2-Dichloroethane-d4	4.970	65	2117	0.409	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.000%
7) 1,2-Dichloropropane-d6	5.996	67	2385	0.394	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	78.000%
8) Toluene-d8	7.254	98	4648	0.456	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1751	0.514	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.578	83	903	0.126	ug/L #	6
14) 1,2-Dibromo-3-chloropr...	12.151	75	140	0.174	ug/L #	74

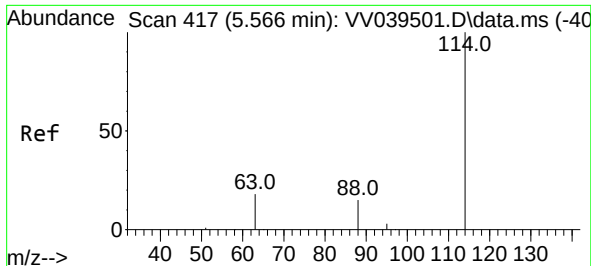
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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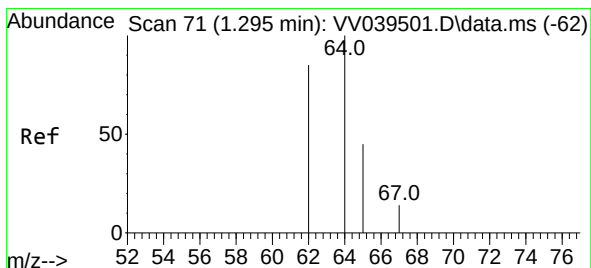
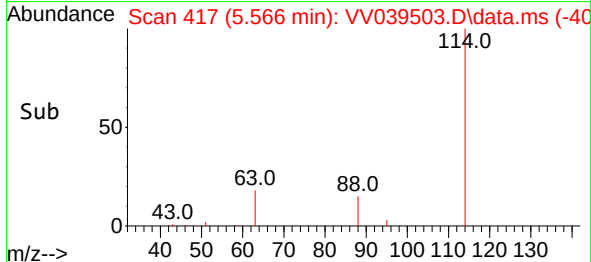
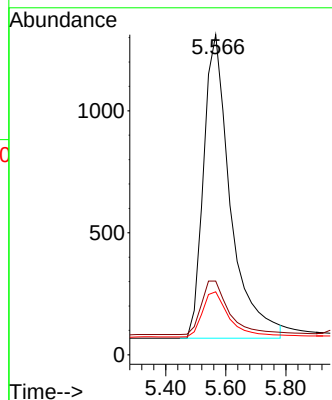
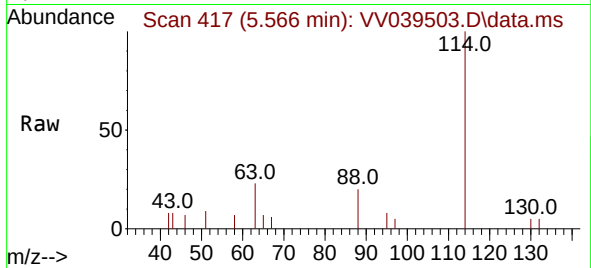




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

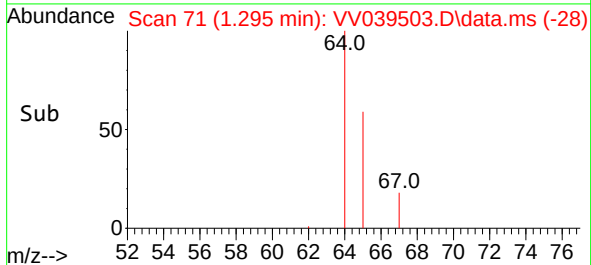
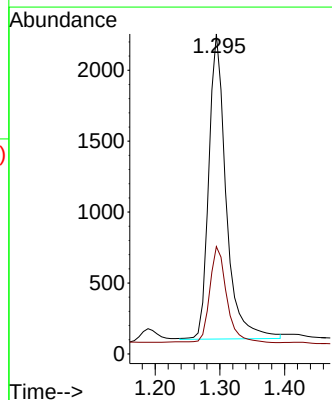
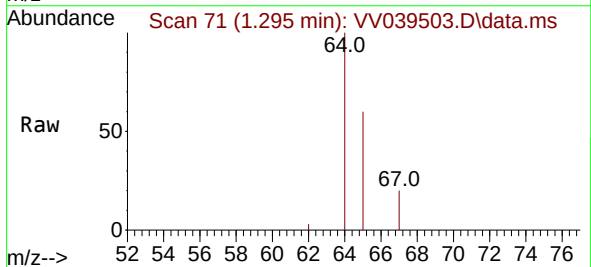
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

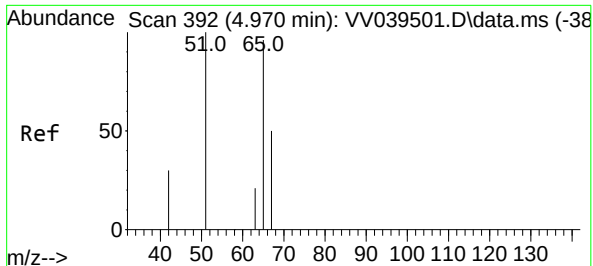
Tgt Ion:	114	Resp:	7765
Ion Ratio	Lower	Upper	
114	100		
63	18.0	15.0	22.4
88	14.8	12.0	18.0



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

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

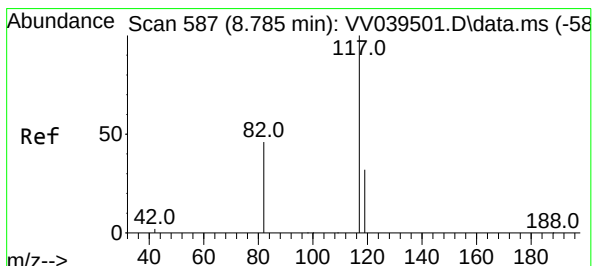
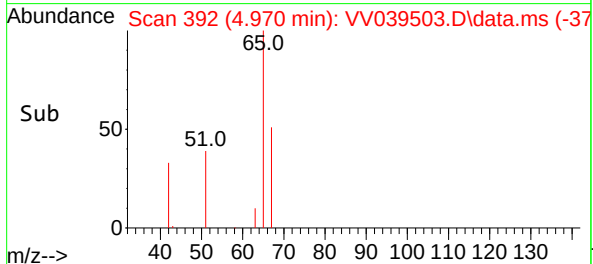
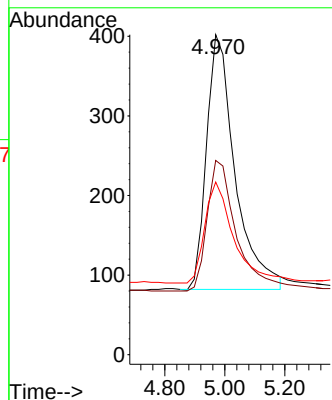
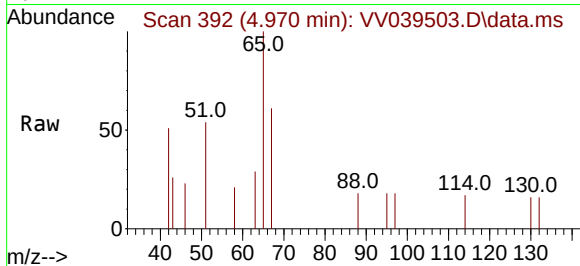




#4
1,2-Dichloroethane-d4
Concen: 0.409 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

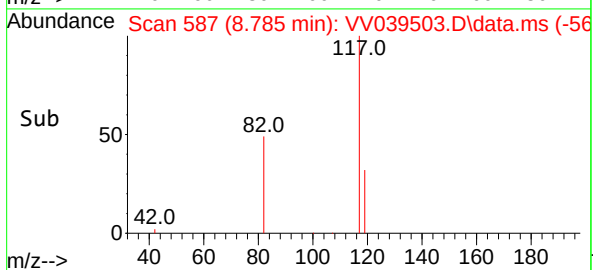
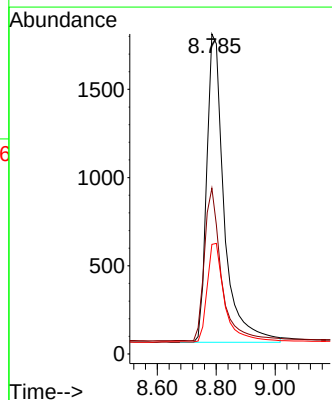
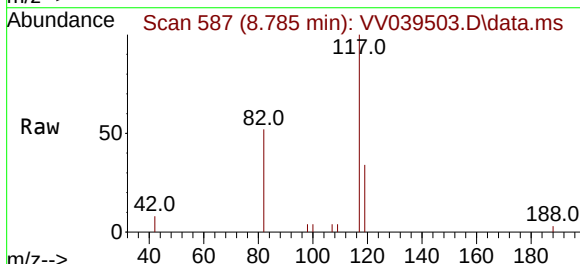
Instrument : MSVOA_V
ClientSampleId : MW-14A-17.5-120325-SIM

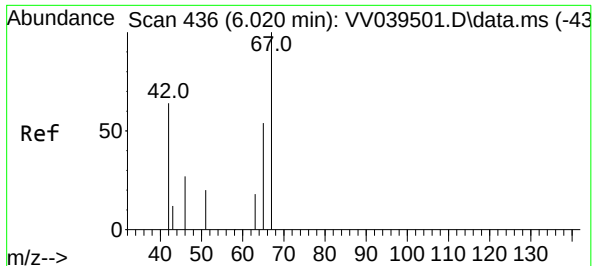
Tgt Ion: 65 Resp: 2117
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 40.2 121.4 225.6#



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

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

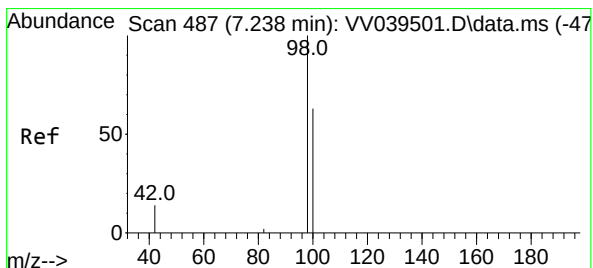
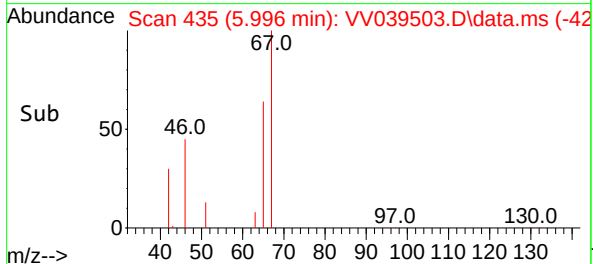
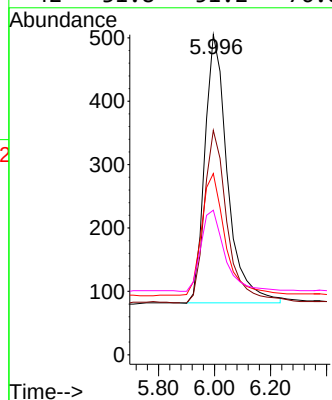
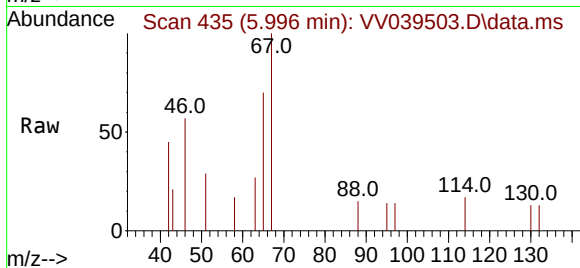




#7
1,2-Dichloropropane-d6
Concen: 0.394 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

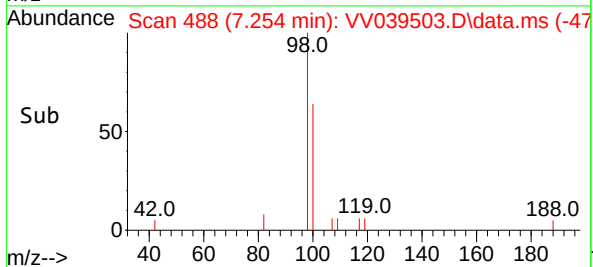
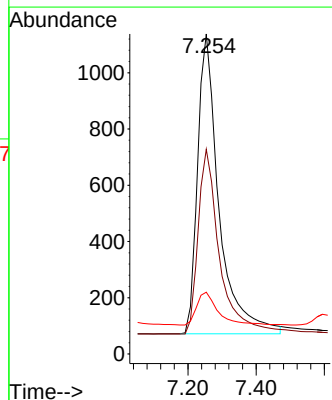
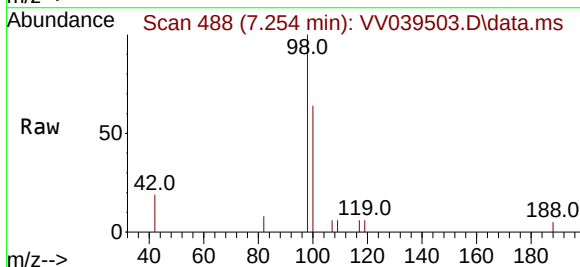
Instrument :
MSVOA_V
ClientSampleId :
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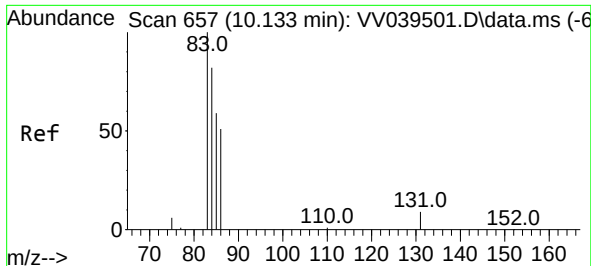
Tgt Ion:	67	Resp:	2385
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	48.3	27.4	41.0#
42	31.8	51.2	76.8#



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

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

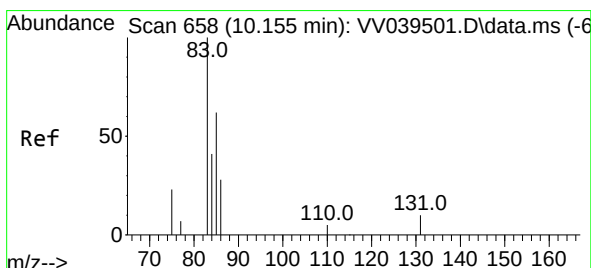
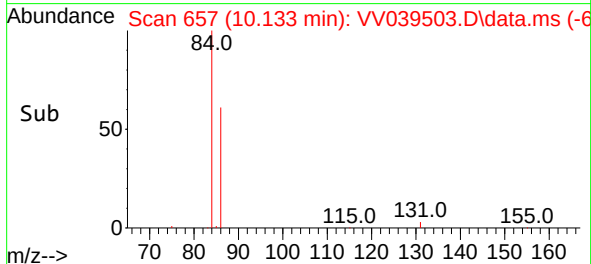
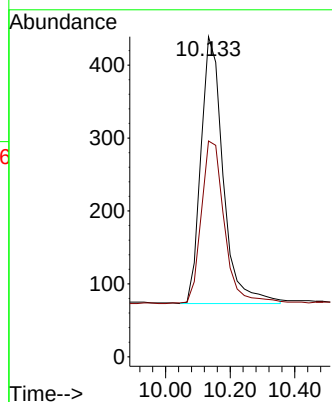
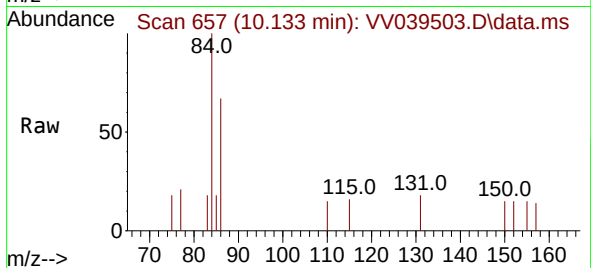




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.514 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

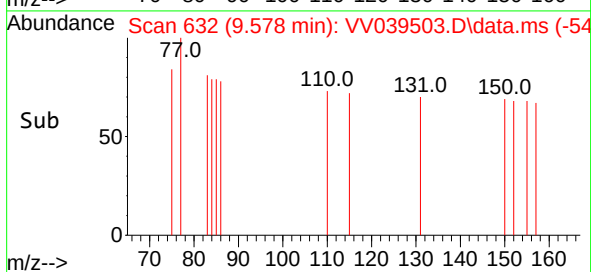
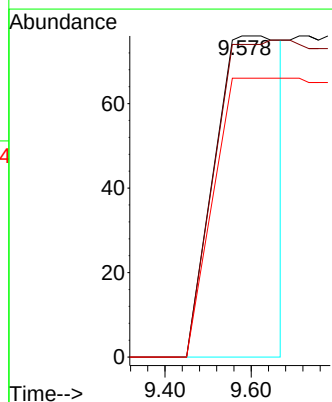
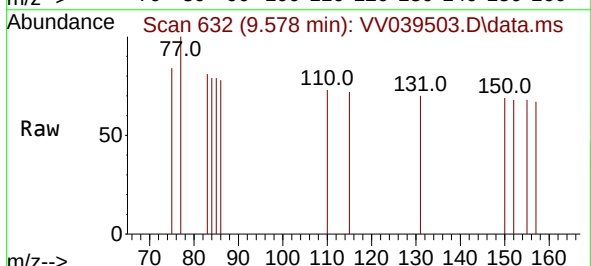
Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

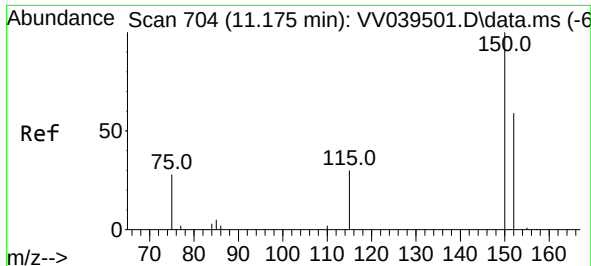
Tgt Ion: 84 Resp: 1751
Ion Ratio Lower Upper
84 100
86 63.2 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.126 ug/L
RT: 9.578 min Scan# 632
Delta R.T. -0.577 min
Lab File: VV039503.D
Acq: 09 Dec 2025 15:00

Tgt Ion: 83 Resp: 903
Ion Ratio Lower Upper
83 100
85 143.9 51.0 76.6#
131 28.1 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039503.D

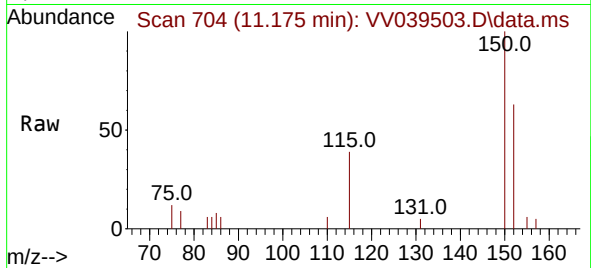
Acq: 09 Dec 2025 15:00

Instrument :

MSVOA_V

ClientSampleId :

MW-14A-17.5-120325-SIM



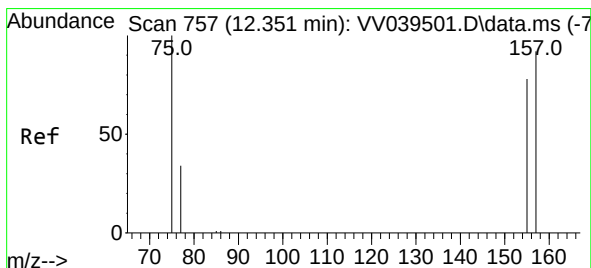
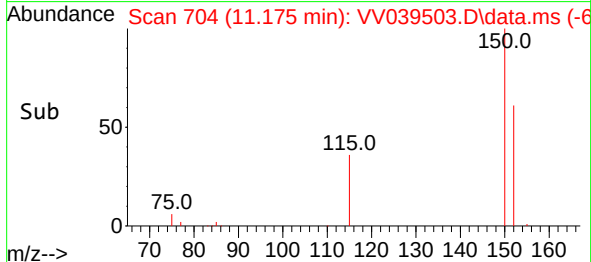
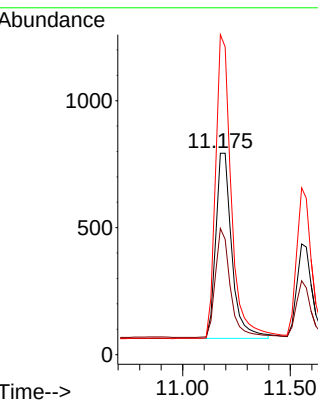
Tgt Ion:152 Resp: 3774

Ion Ratio Lower Upper

152 100

115 54.8 0.0 101.6

150 160.4 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.174 ug/L

RT: 12.151 min Scan# 748

Delta R.T. -0.200 min

Lab File: VV039503.D

Acq: 09 Dec 2025 15:00

Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

157 55.3 67.8 101.6#

155 60.5 61.9 92.9#

