

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048081.D
 Acq On : 09 Oct 2025 13:19
 Operator : JC/MD
 Sample : Q3311-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-218

Quant Time: Oct 10 01:22:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

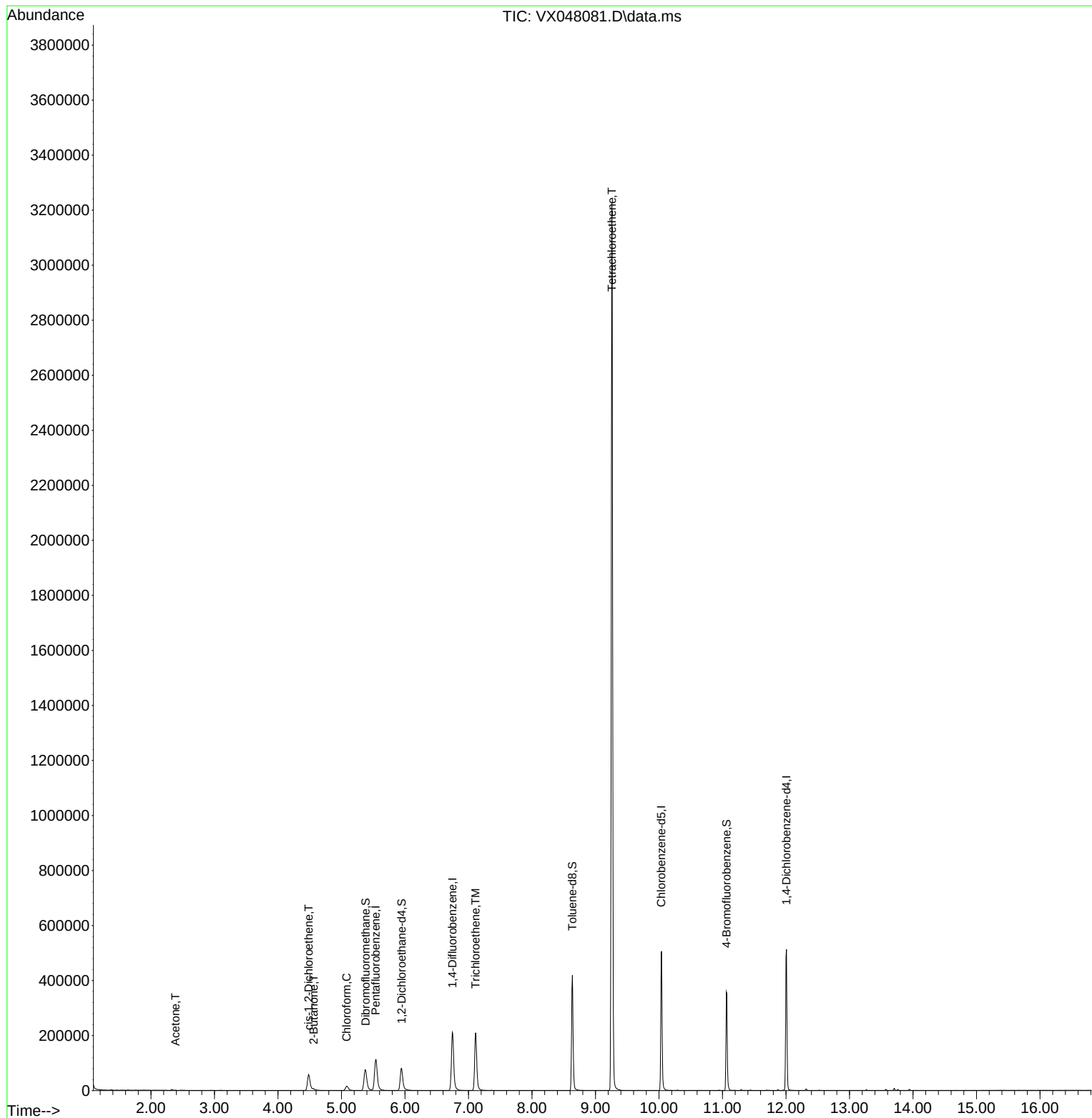
Internal Standards						
1) Pentafluorobenzene	5.538	168	112297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89211	49.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.379	113	75189	48.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	8.635	98	258033	48.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.061	95	105541	51.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.620%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1657	2.132	ug/l #	81
25) 2-Butanone	4.562	43	7540	7.777	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	40949	23.278	ug/l	89
30) Chloroform	5.080	83	21015	7.333	ug/l	96
44) Trichloroethene	7.111	130	86834	52.169	ug/l	94
64) Tetrachloroethene	9.257	164	608834	406.751	ug/l	100

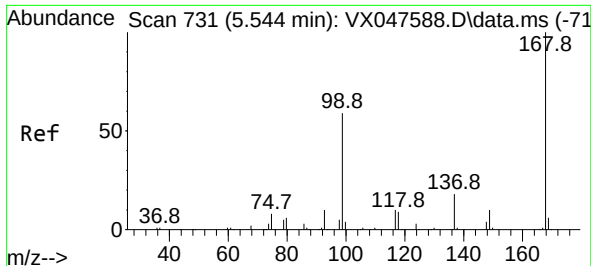
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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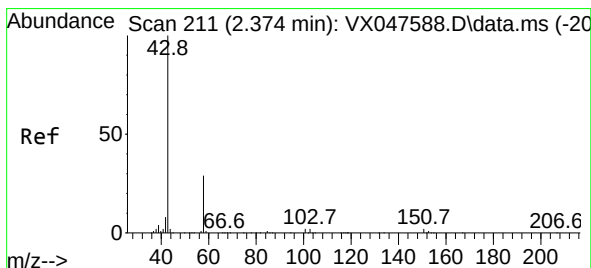
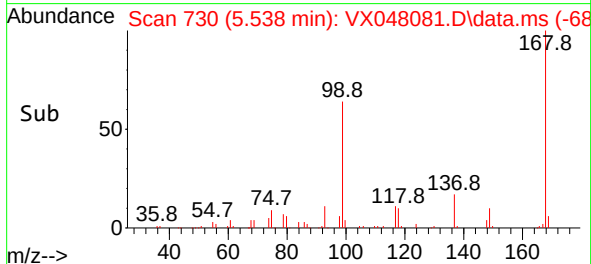
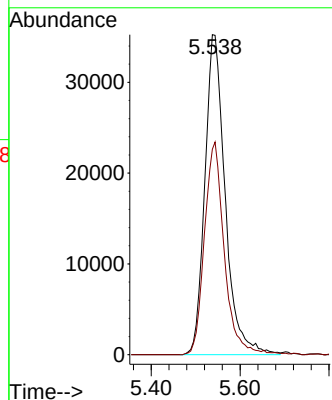
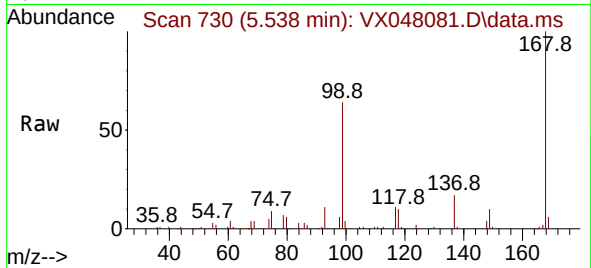




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

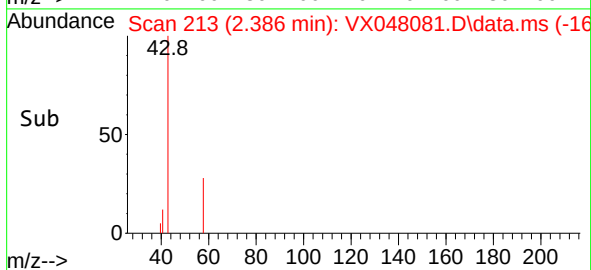
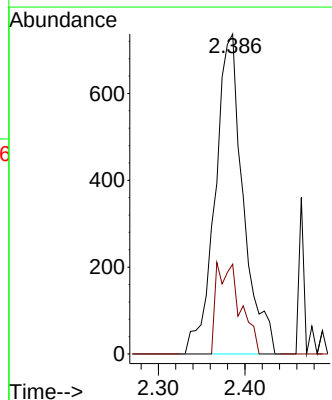
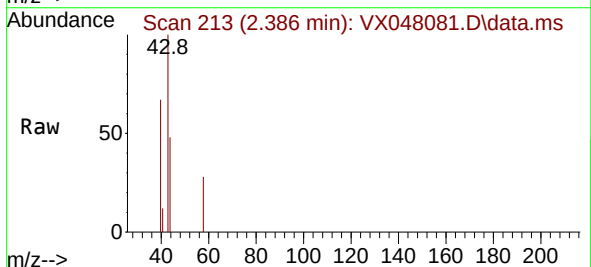
Instrument :
MSVOA_X
ClientSampleId :
MW-218

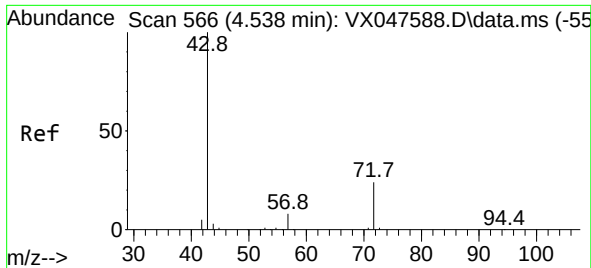
Tgt Ion:168 Resp: 112297
Ion Ratio Lower Upper
168 100
99 64.2 48.8 73.2



#16
Acetone
Concen: 2.132 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 18.9 23.4 35.0#

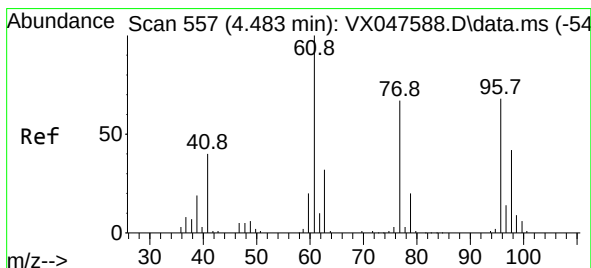
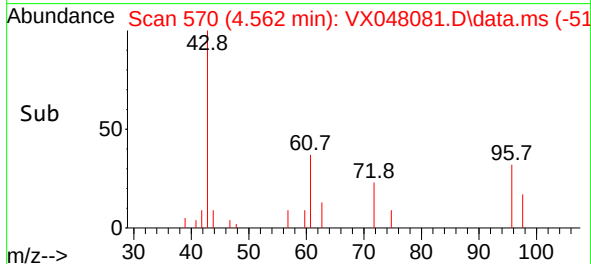
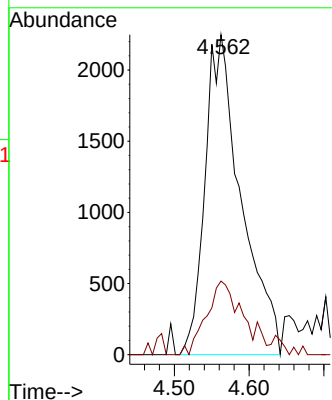
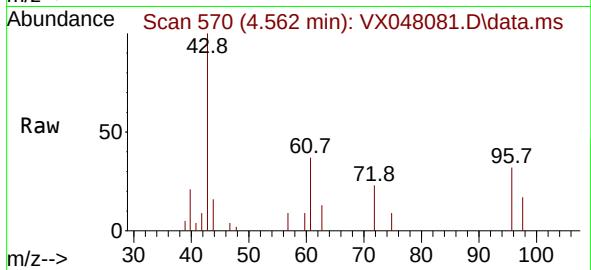




#25
2-Butanone
Concen: 7.777 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

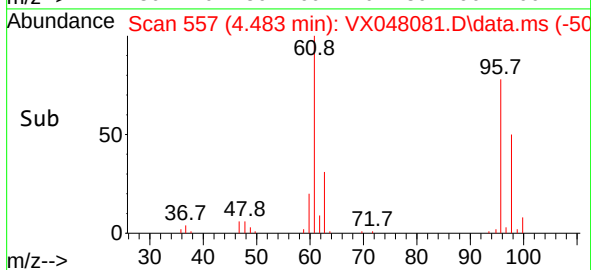
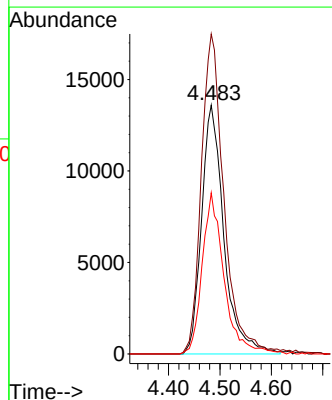
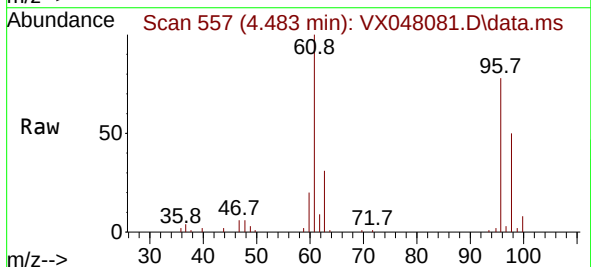
Instrument :
MSVOA_X
ClientSampleId :
MW-218

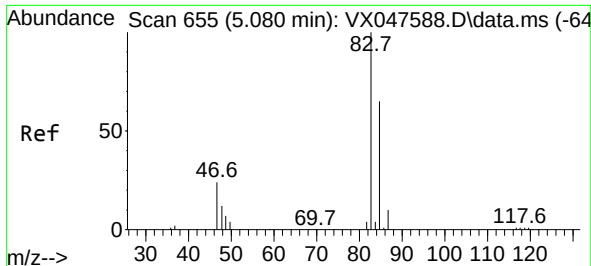
Tgt Ion: 43 Resp: 7540
Ion Ratio Lower Upper
43 100
72 23.0 20.1 30.1



#27
cis-1,2-Dichloroethene
Concen: 23.278 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 96 Resp: 40949
Ion Ratio Lower Upper
96 100
61 132.1 0.0 303.2
98 63.4 0.0 127.8

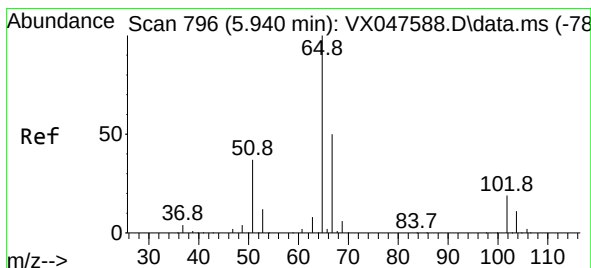
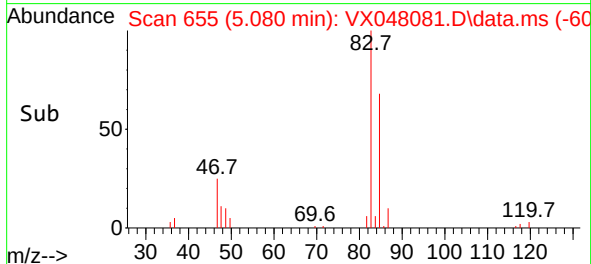
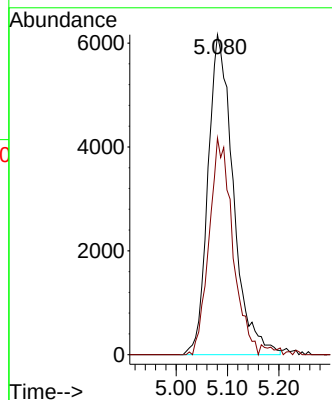
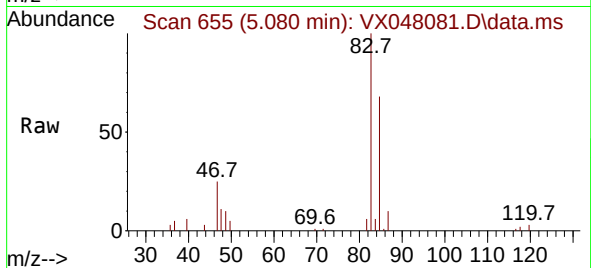




#30
Chloroform
Concen: 7.333 ug/l
RT: 5.080 min Scan# 610
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

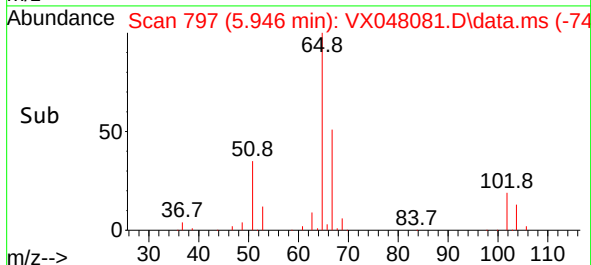
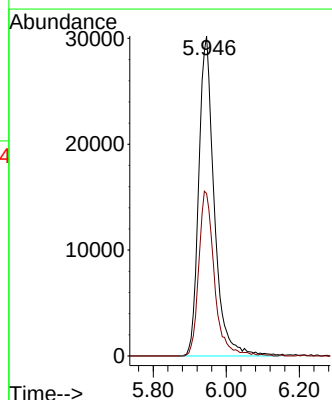
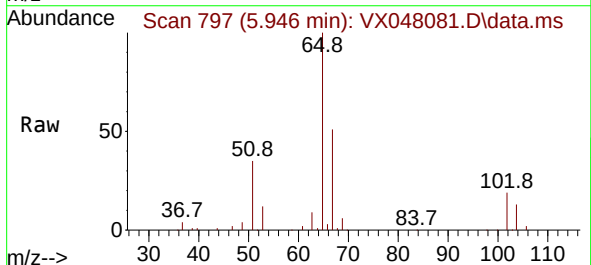
Instrument :
MSVOA_X
ClientSampleId :
MW-218

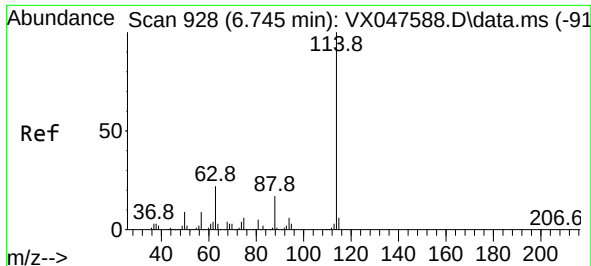
Tgt Ion: 83 Resp: 21015
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 65 Resp: 89211
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

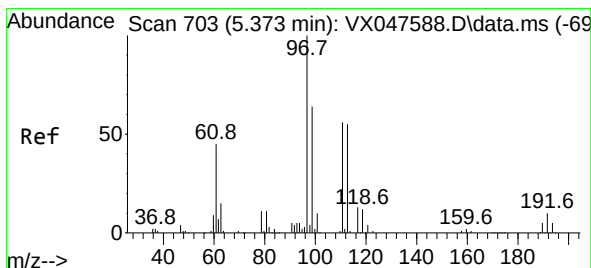
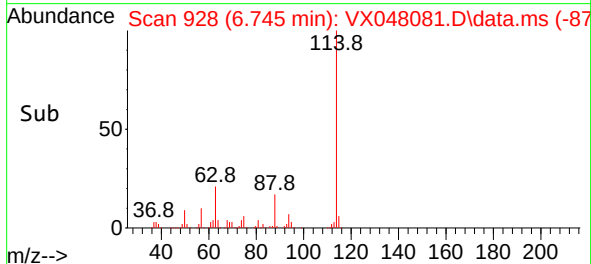
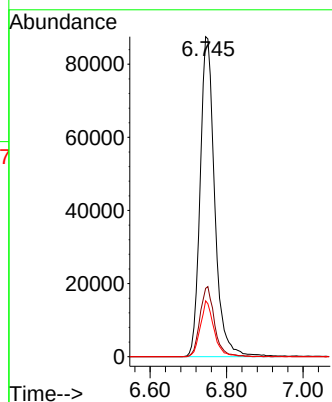
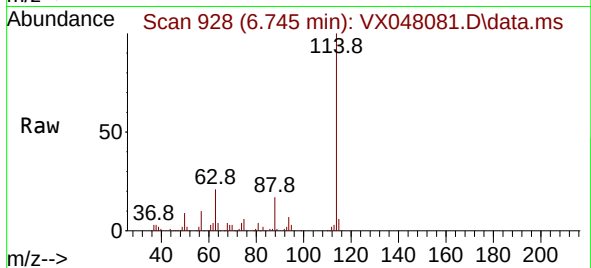




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

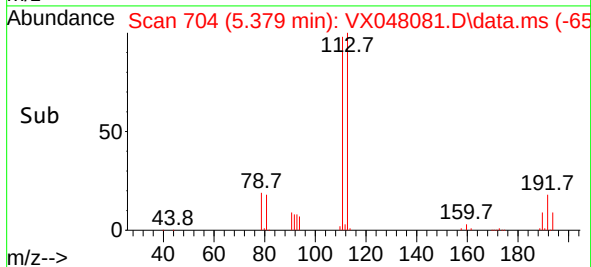
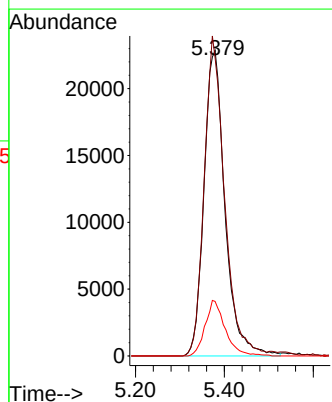
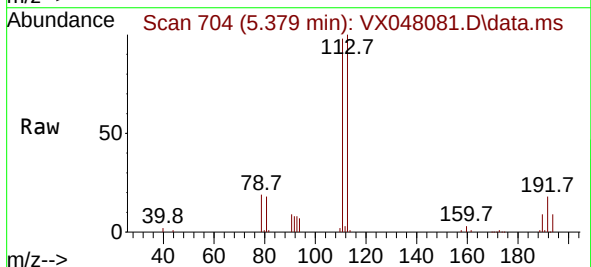
Instrument :
MSVOA_X
ClientSampleId :
MW-218

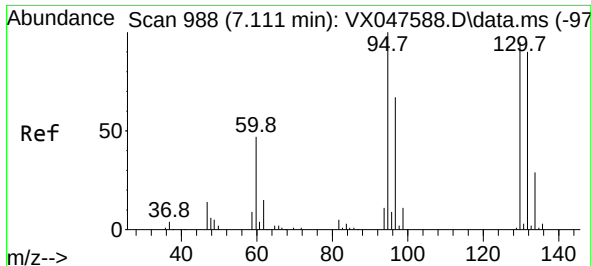
Tgt Ion:114 Resp: 231304
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 17.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.470 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion:113 Resp: 75189
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 17.5 14.2 21.4

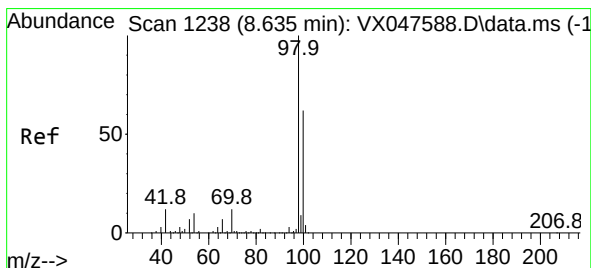
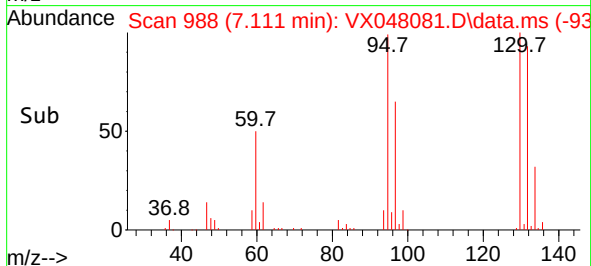
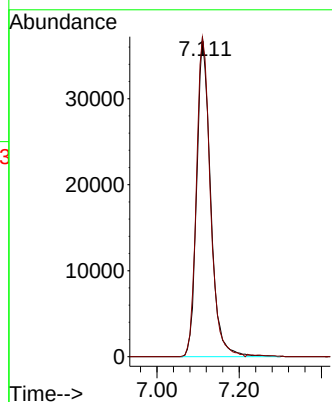
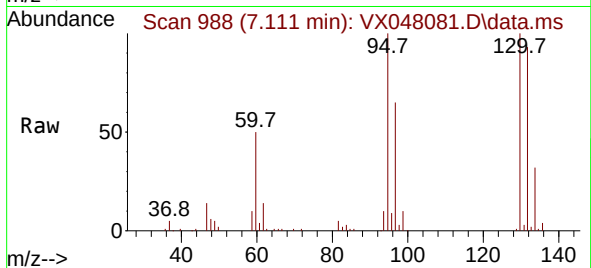




#44
Trichloroethene
Concen: 52.169 ug/l
RT: 7.111 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

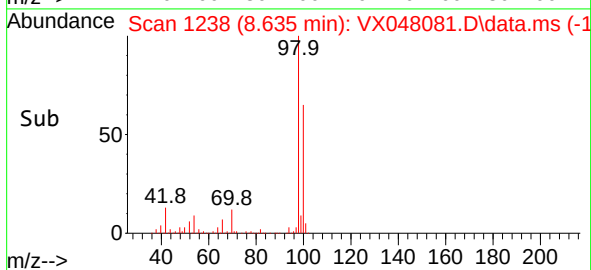
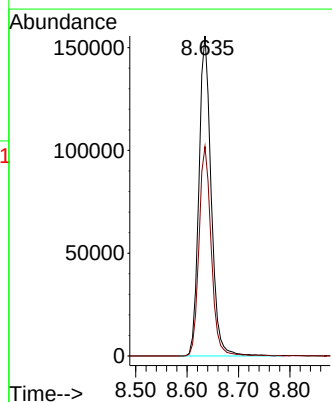
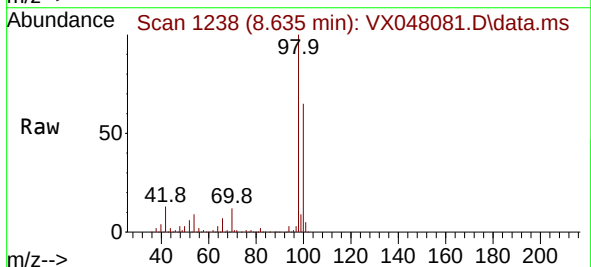
Instrument :
MSVOA_X
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MW-218

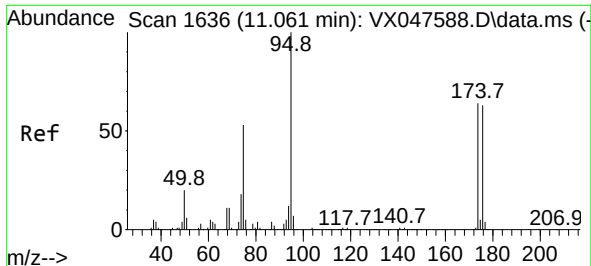
Tgt Ion:130 Resp: 86834
Ion Ratio Lower Upper
130 100
95 99.7 0.0 210.8



#50
Toluene-d8
Concen: 48.072 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 98 Resp: 258033
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

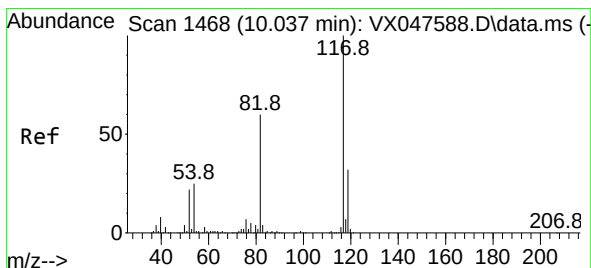
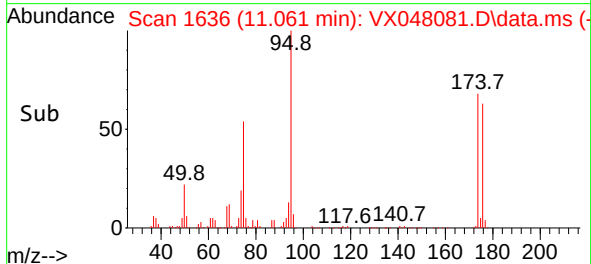
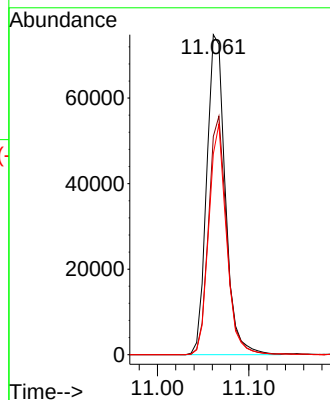
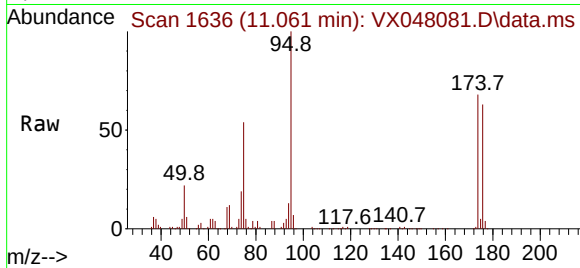




#62
4-Bromofluorobenzene
Concen: 51.809 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

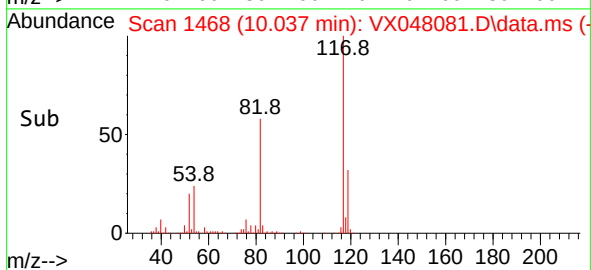
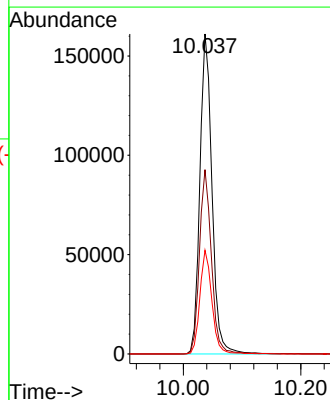
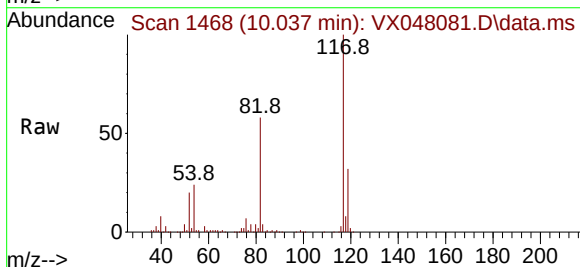
Instrument :
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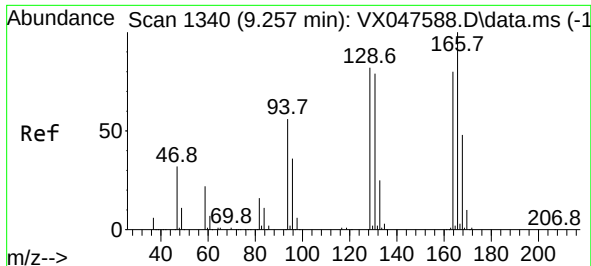
Tgt Ion: 95 Resp: 105541
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 117 Resp: 229611
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 32.4 25.2 37.8

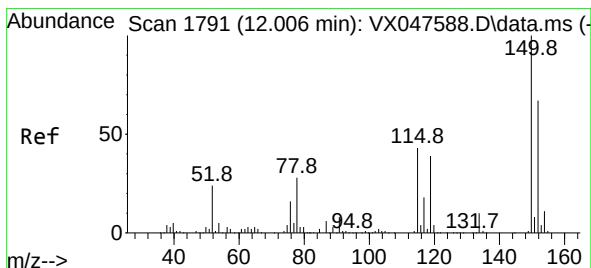
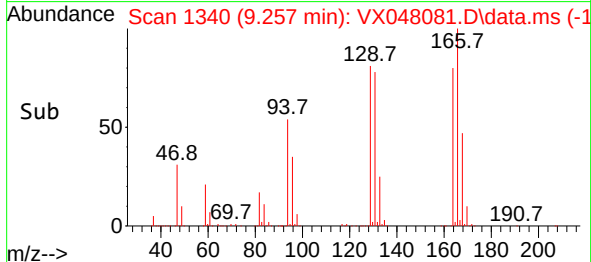
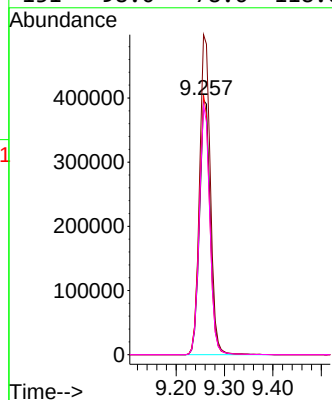
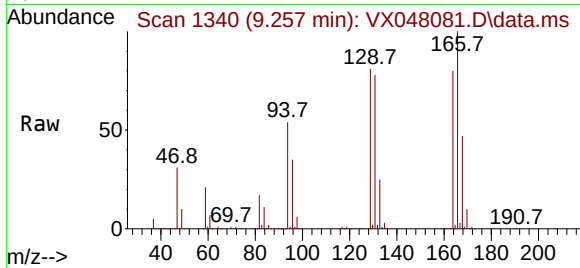




#64
Tetrachloroethene
Concen: 406.751 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion:164 Resp: 608834
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 101.9 81.8 122.6
131 98.0 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion:152 Resp: 109726
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 157.9 0.0 352.0

