

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047110.D
 Acq On : 24 Jul 2025 11:42
 Operator : JC/MD
 Sample : Q2682-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

Quant Time: Jul 25 01:20:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

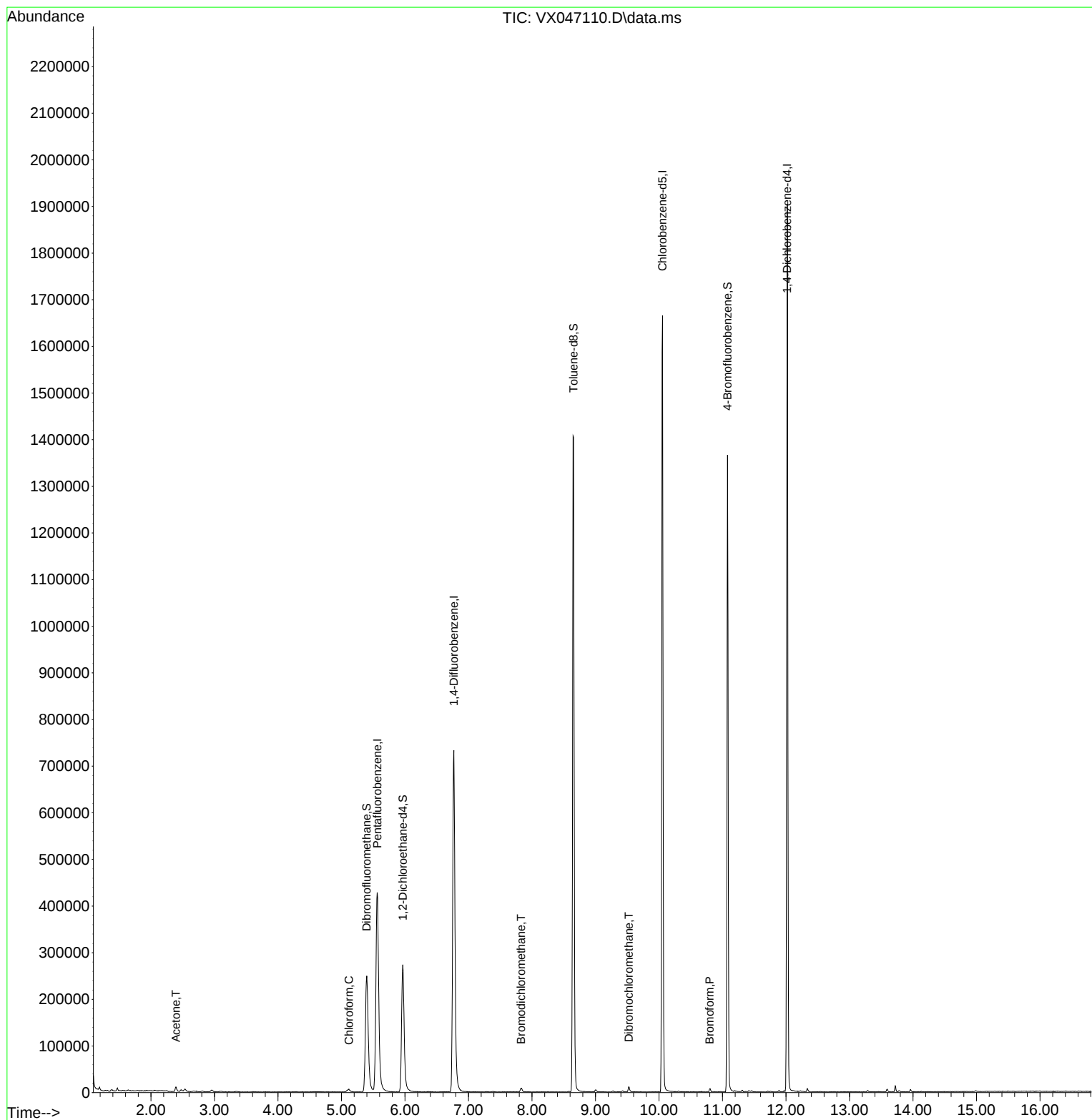
Internal Standards						
1) Pentafluorobenzene	5.562	168	421125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	776912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	738162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	372346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	287239	54.755	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.520%		
35) Dibromofluoromethane	5.398	113	237042	49.416	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.840%		
50) Toluene-d8	8.653	98	870627	56.044	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 112.080%#		
62) 4-Bromofluorobenzene	11.079	95	365051	54.529	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.060%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	11940	5.682	ug/l	99
30) Chloroform	5.117	83	7301	0.701	ug/l	90
47) Bromodichloromethane	7.830	83	6231	0.704	ug/l	90
60) Dibromochloromethane	9.525	129	5056	0.790	ug/l	99
71) Bromoform	10.799	173	2944	0.666	ug/l #	97

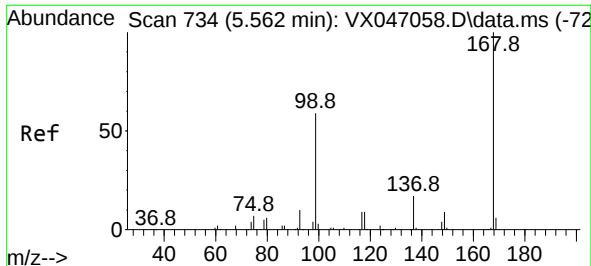
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

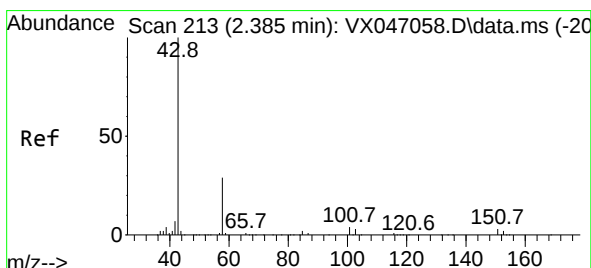
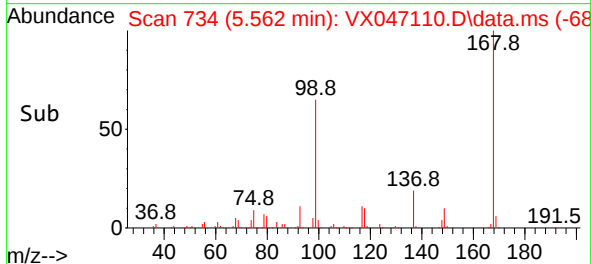
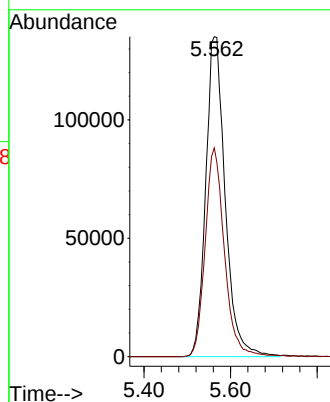
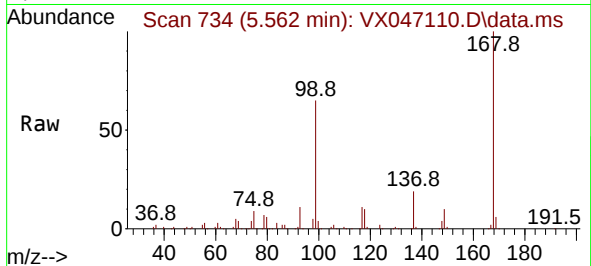




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

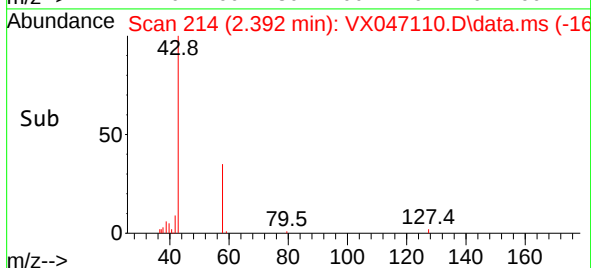
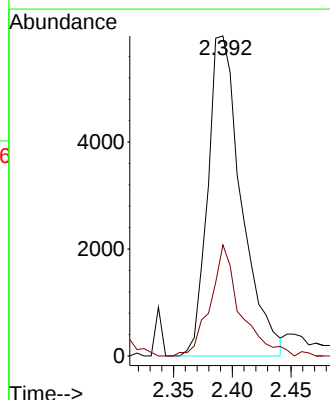
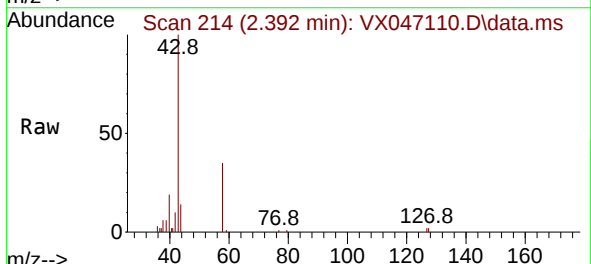
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

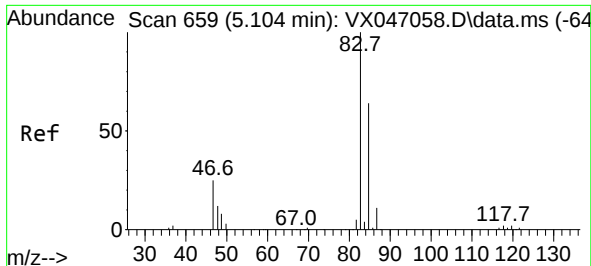
Tgt Ion:168 Resp: 421125
Ion Ratio Lower Upper
168 100
99 65.2 48.0 72.0



#16
Acetone
Concen: 5.682 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion: 43 Resp: 11940
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0

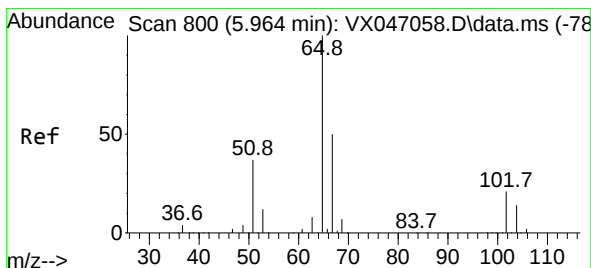
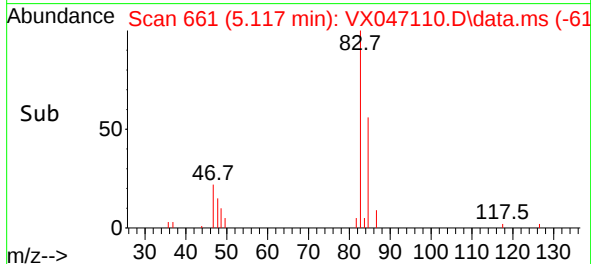
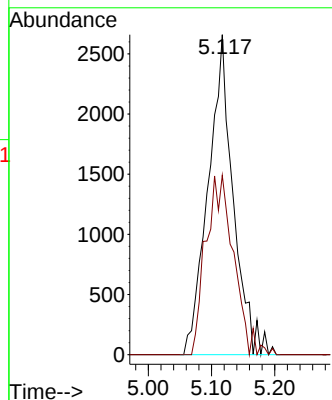
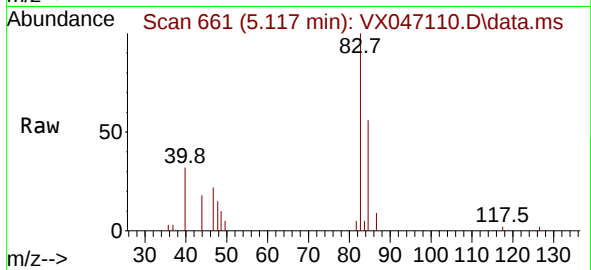




#30
Chloroform
Concen: 0.701 ug/l
RT: 5.117 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

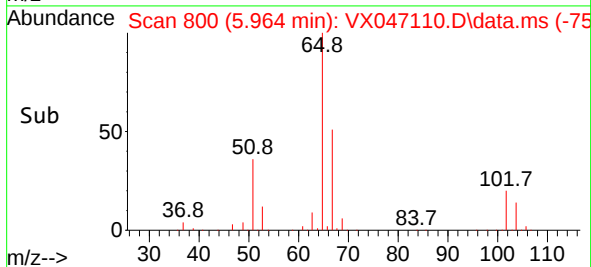
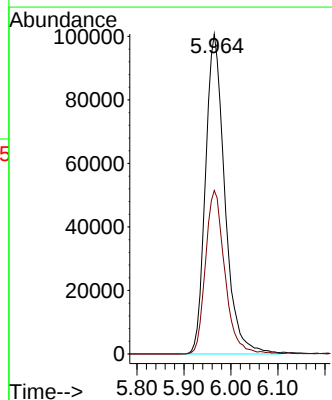
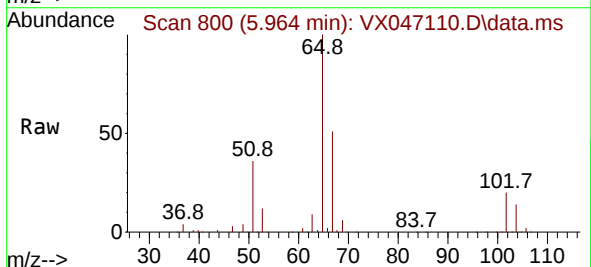
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

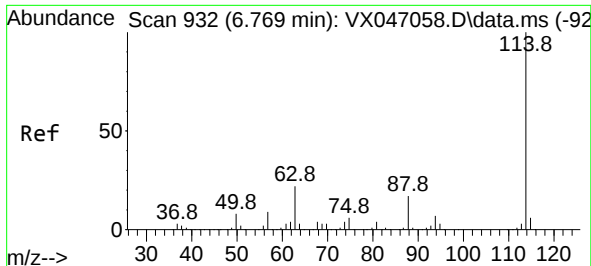
Tgt Ion: 83 Resp: 7301
Ion Ratio Lower Upper
83 100
85 56.1 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.755 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.001 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion: 65 Resp: 287239
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

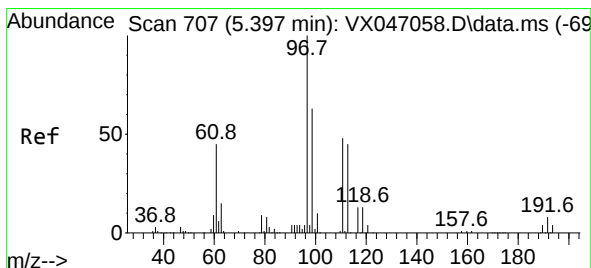
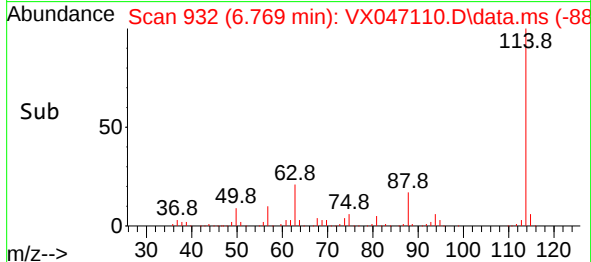
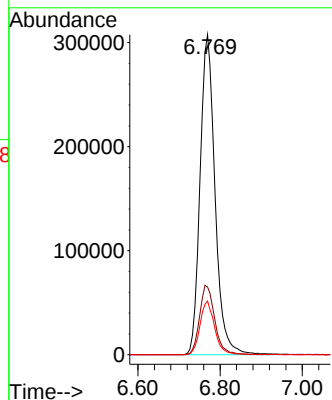
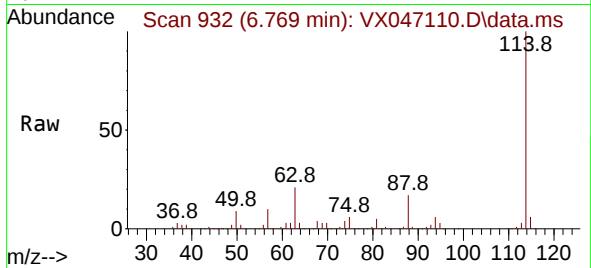




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.001 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

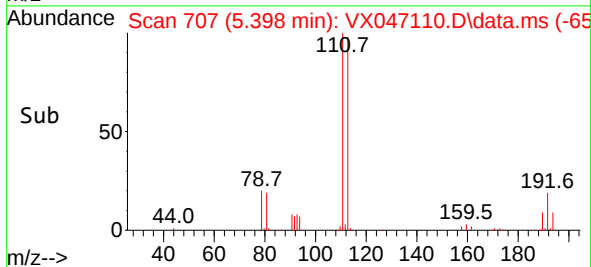
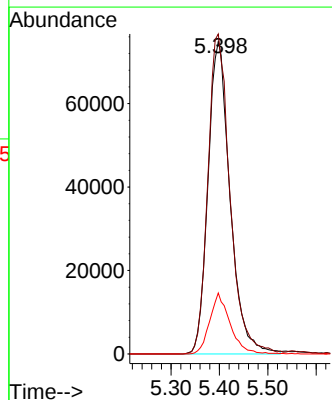
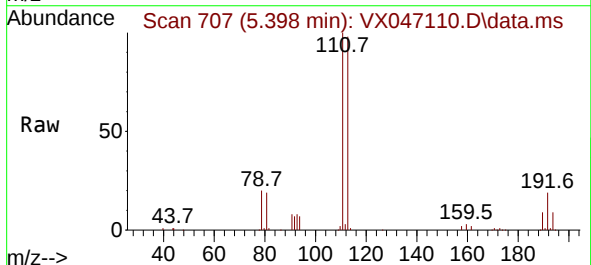
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

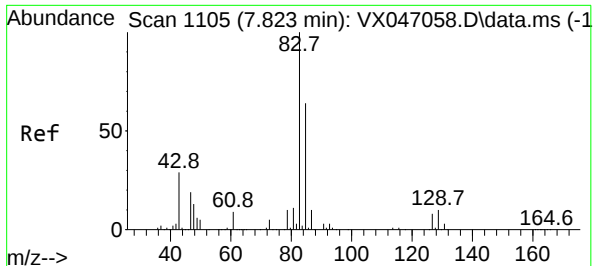
Tgt Ion:114 Resp: 776912
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion:113 Resp: 237042
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.1 14.9 22.3

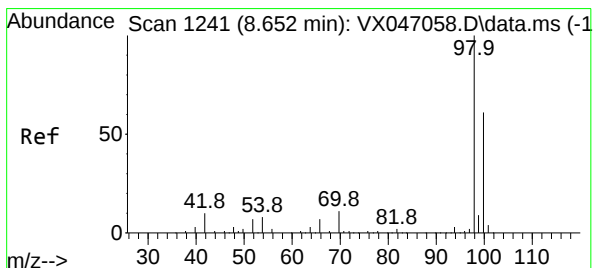
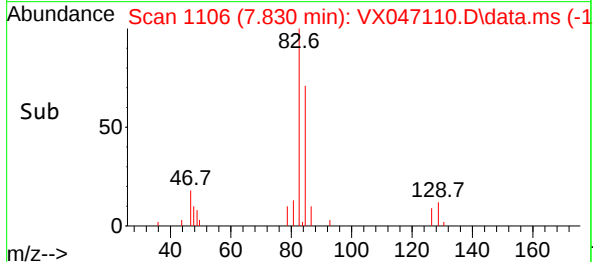
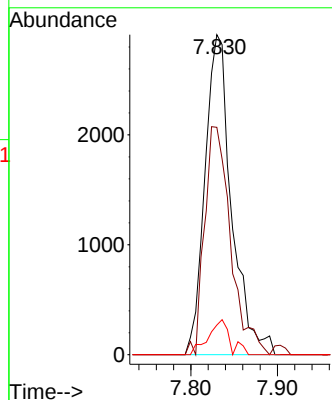
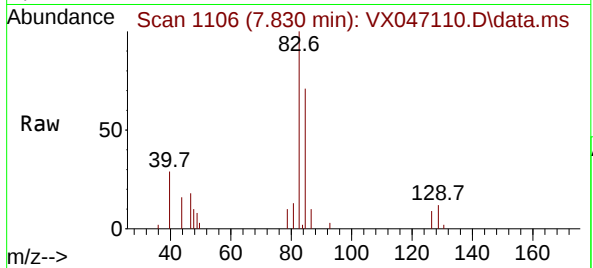




#47
Bromodichloromethane
Concen: 0.704 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

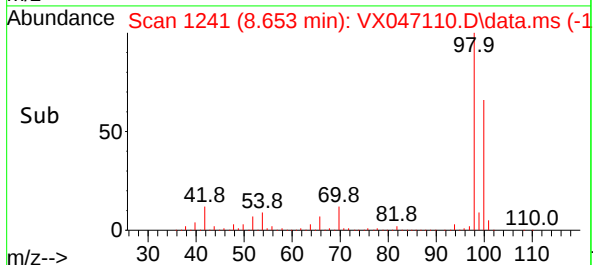
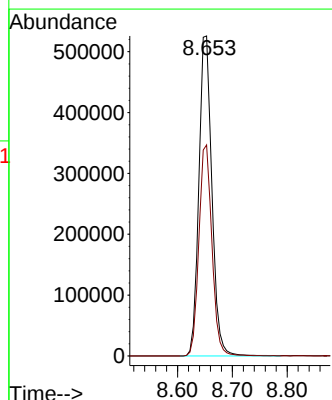
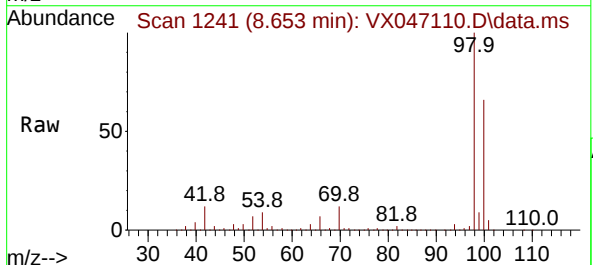
Instrument :
MSVOA_X
ClientSampleId :
TOWER-1

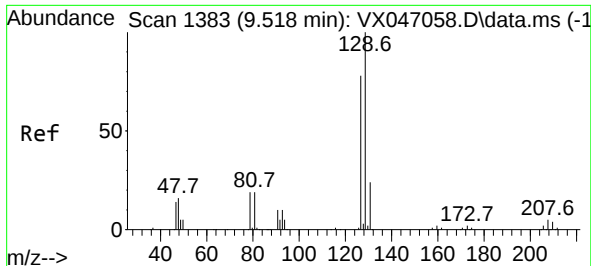
Tgt Ion: 83 Resp: 6231
Ion Ratio Lower Upper
83 100
85 71.1 49.9 74.9
127 9.3 6.6 10.0



#50
Toluene-d8
Concen: 56.044 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion: 98 Resp: 870627
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

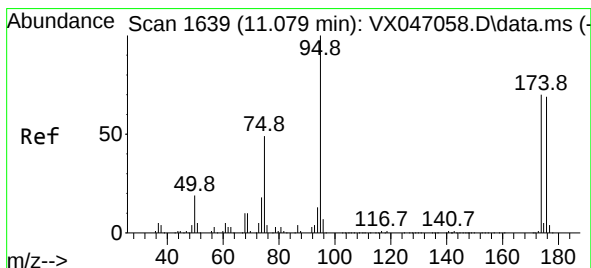
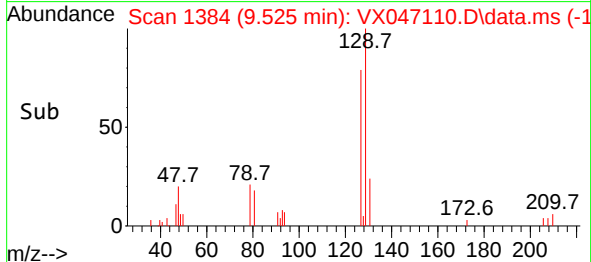
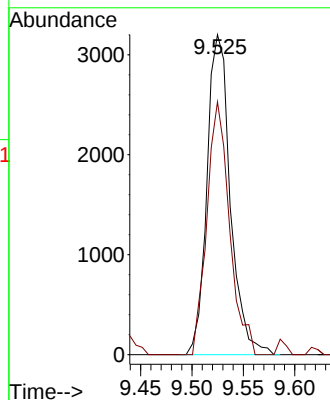
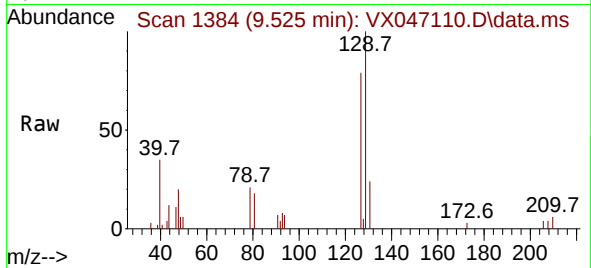




#60
Dibromochloromethane
Concen: 0.790 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

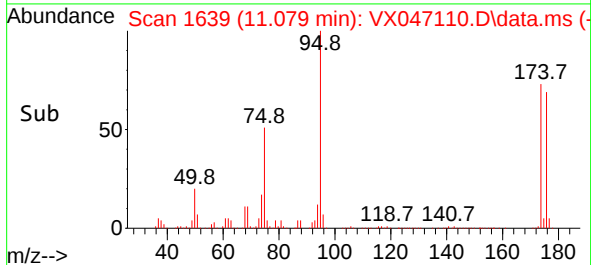
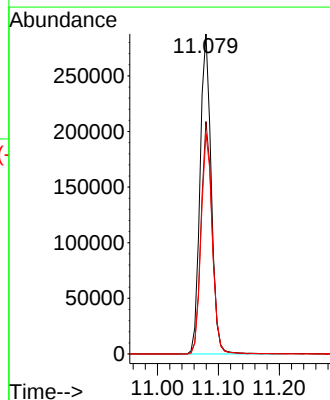
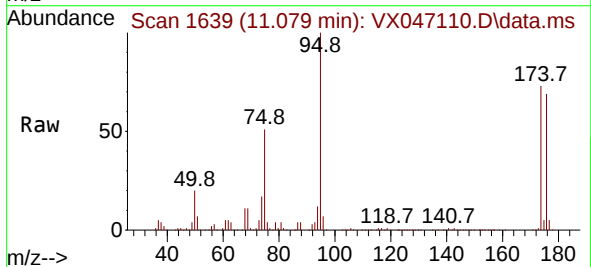
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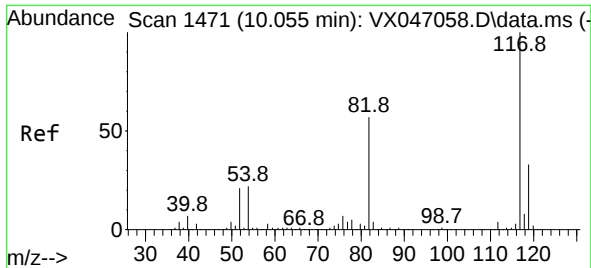
Tgt Ion:129 Resp: 5056
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 54.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion: 95 Resp: 365051
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.6
176 69.3 0.0 139.6

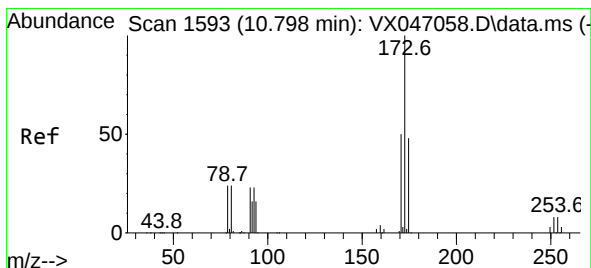
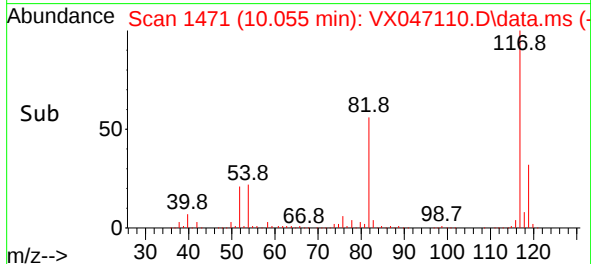
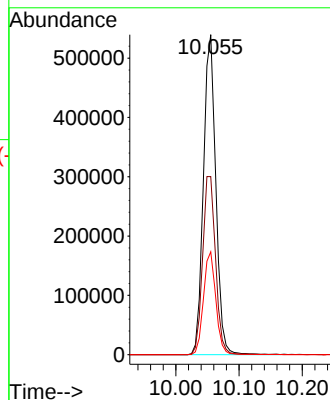
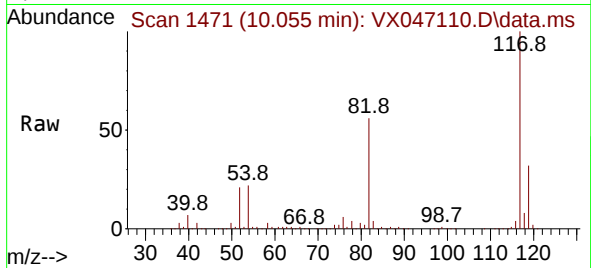




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

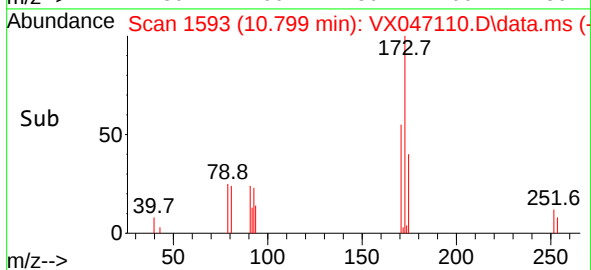
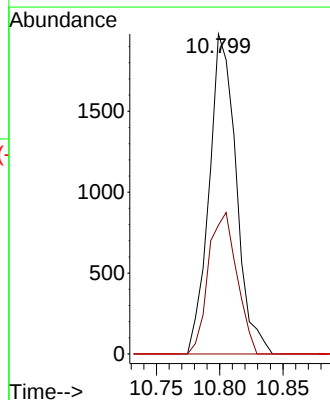
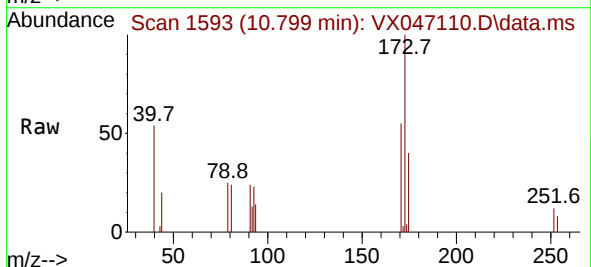
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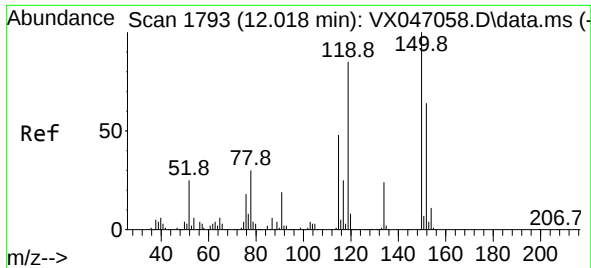
Tgt Ion:117 Resp: 738162
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 32.2 26.1 39.1



#71
Bromoform
Concen: 0.666 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX047110.D
Acq: 24 Jul 2025 11:42

Tgt Ion:173 Resp: 2944
Ion Ratio Lower Upper
173 100
175 46.4 24.2 72.6
254 0.0 0.1 0.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX047110.D
 Acq: 24 Jul 2025 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 TOWER-1

Tgt Ion:152 Resp: 372346
 Ion Ratio Lower Upper
 152 100
 115 63.1 45.6 136.7
 150 158.3 0.0 354.6

