

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048429.D
 Acq On : 31 Oct 2025 14:06
 Operator : JC/MD
 Sample : Q3505-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 10-17-25-WATER

Quant Time: Oct 31 23:05:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

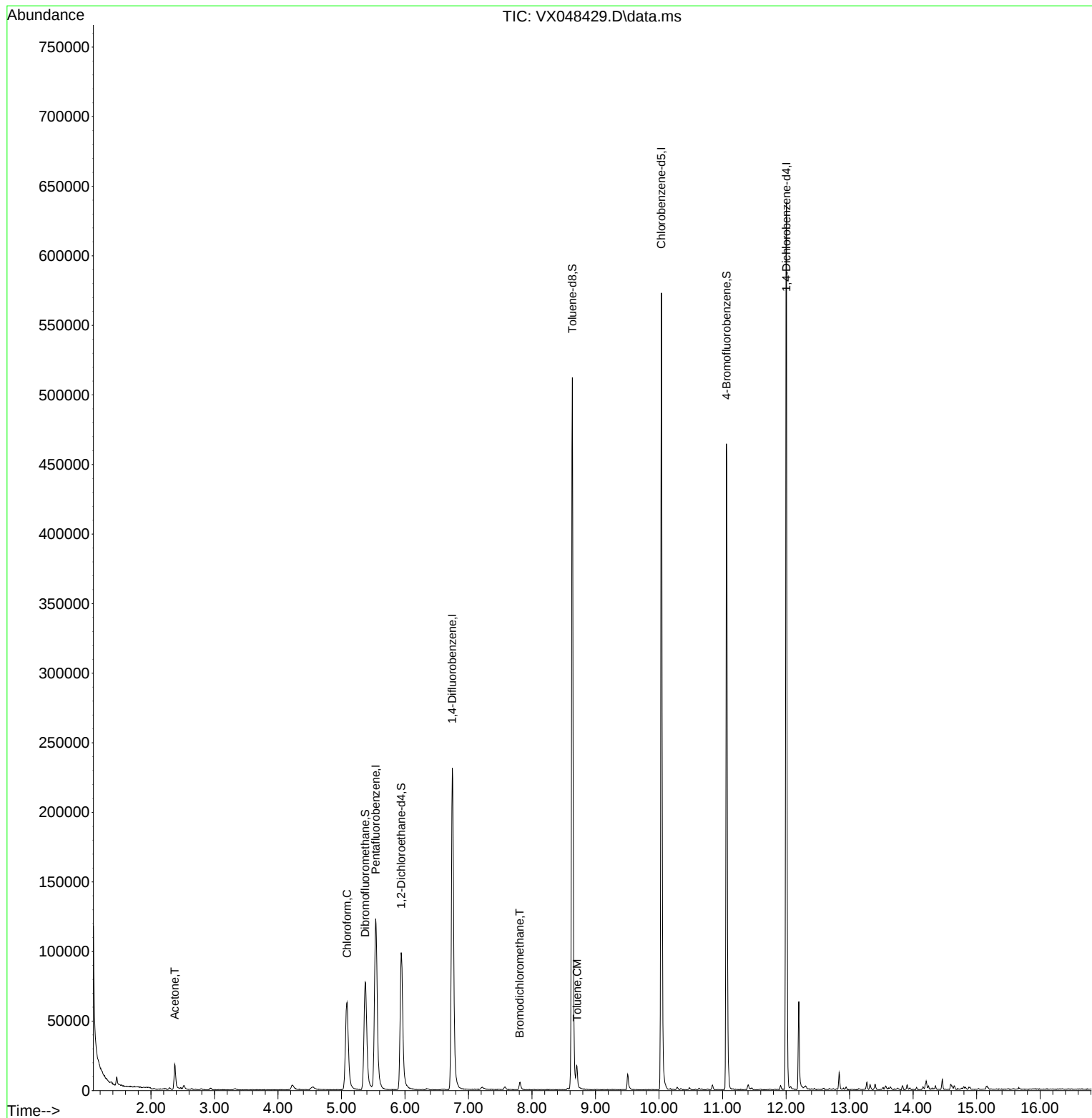
Internal Standards						
1) Pentafluorobenzene	5.538	168	126823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111919	61.362	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 122.720%#		
35) Dibromofluoromethane	5.373	113	79752	55.125	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.260%		
50) Toluene-d8	8.635	98	322894	50.560	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.120%		
62) 4-Bromofluorobenzene	11.061	95	133911	56.053	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.100%		
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	24054	58.189	ug/l	98
30) Chloroform	5.087	83	86329	28.900	ug/l	97
47) Bromodichloromethane	7.806	83	4131	1.498	ug/l #	90
52) Toluene	8.708	92	6263	1.350	ug/l	92

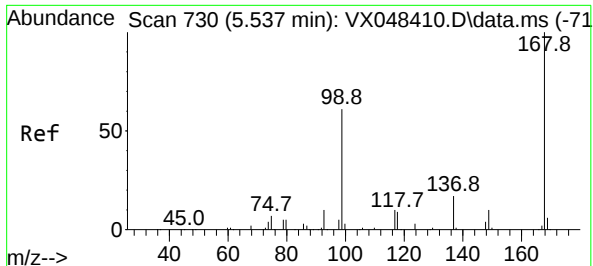
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

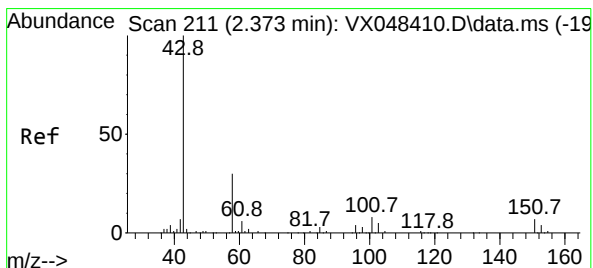
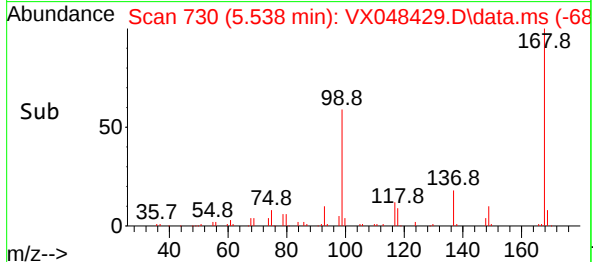
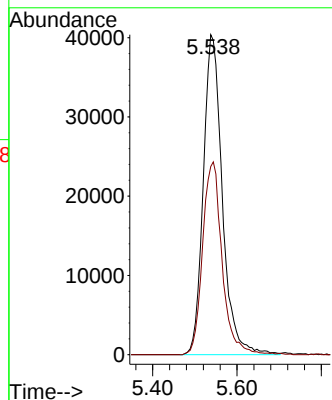
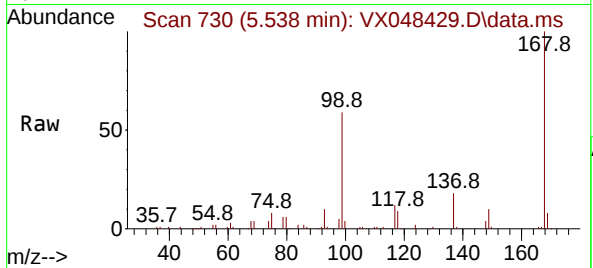




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

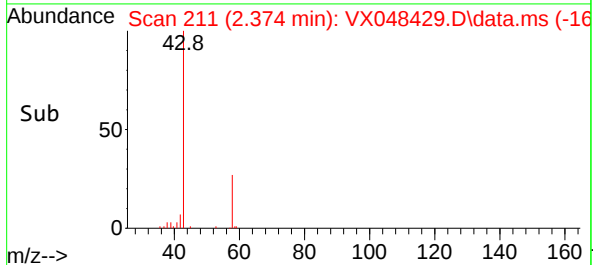
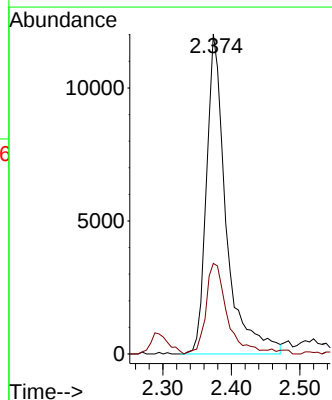
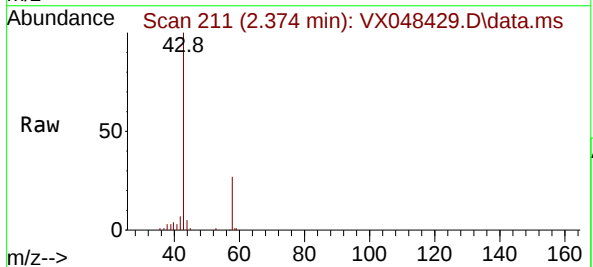
Instrument :
MSVOA_X
ClientSampleId :
10-17-25-WATER

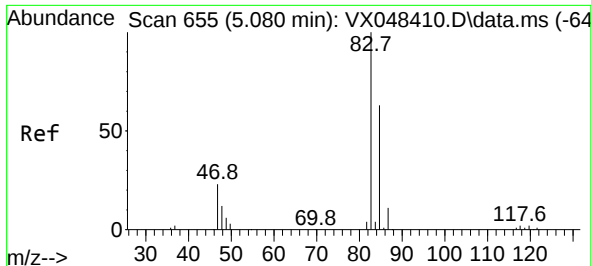
Tgt Ion:168 Resp: 126823
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#16
Acetone
Concen: 58.189 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Tgt Ion: 43 Resp: 24054
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.2





#30

Chloroform

Concen: 28.900 ug/l

RT: 5.087 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX048429.D

Acq: 31 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

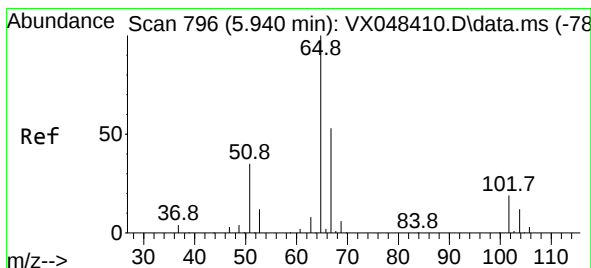
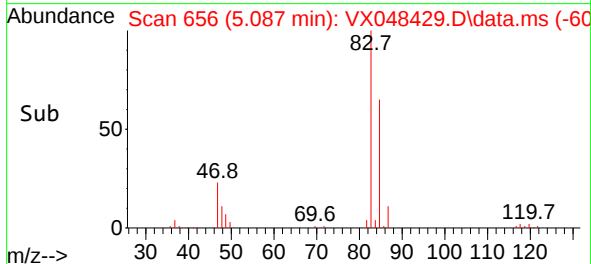
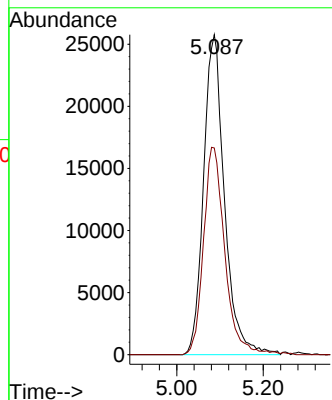
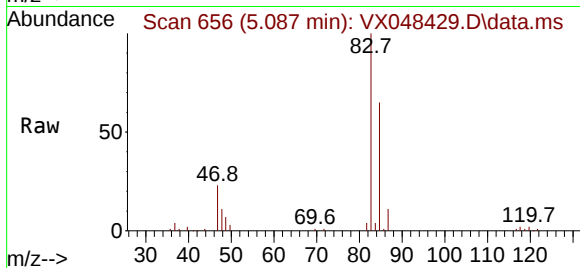
10-17-25-WATER

Tgt Ion: 83 Resp: 86329

Ion Ratio Lower Upper

83 100

85 64.6 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 61.362 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048429.D

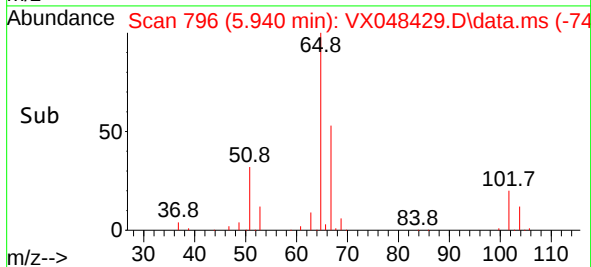
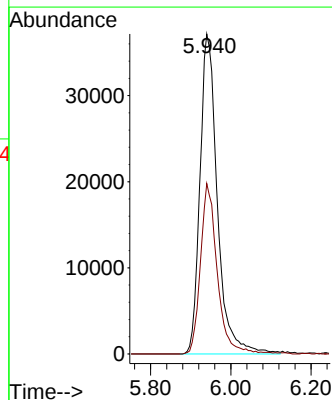
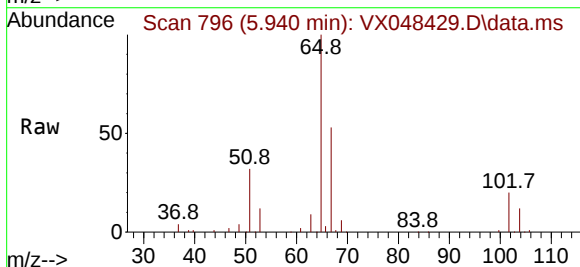
Acq: 31 Oct 2025 14:06

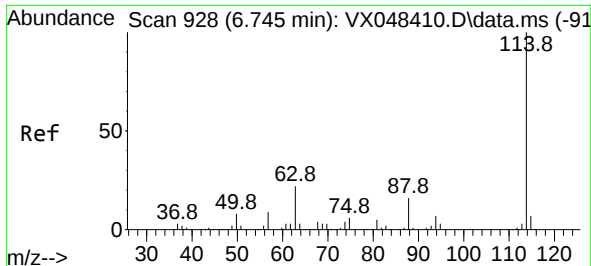
Tgt Ion: 65 Resp: 111919

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.0

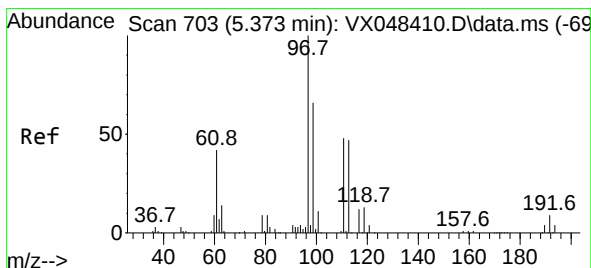
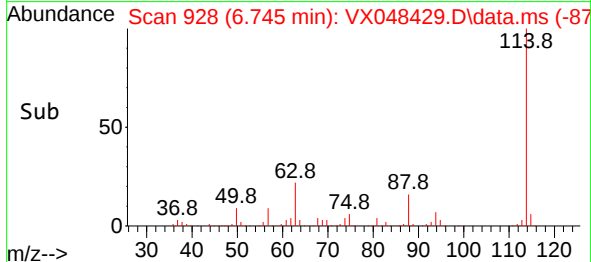
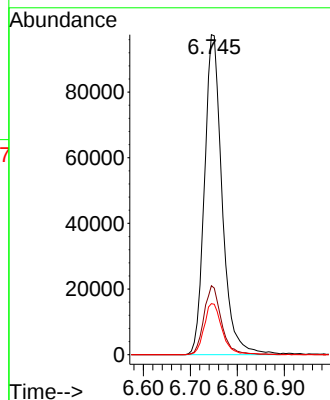
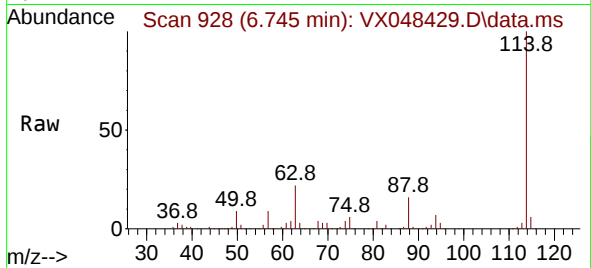




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

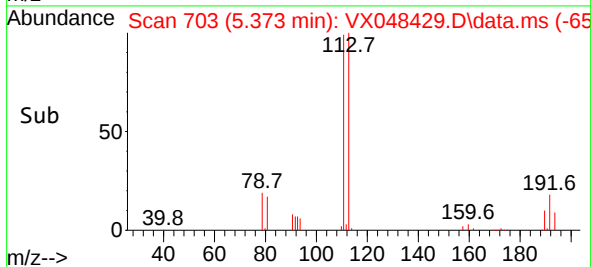
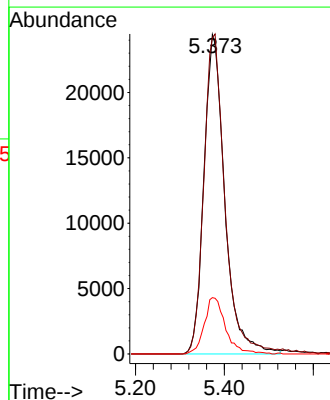
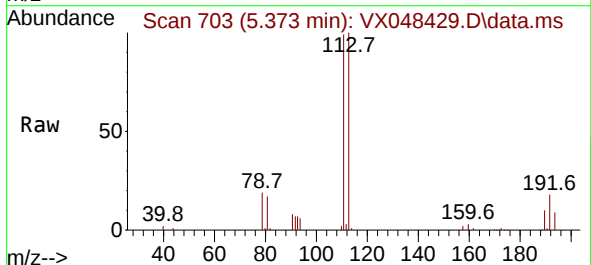
Instrument :
MSVOA_X
ClientSampleId :
10-17-25-WATER

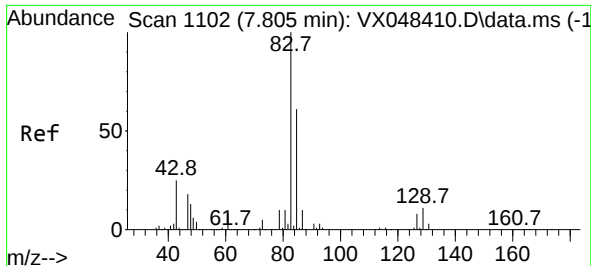
Tgt Ion:114 Resp: 253754
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 55.125 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Tgt Ion:113 Resp: 79752
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 18.0 15.1 22.7

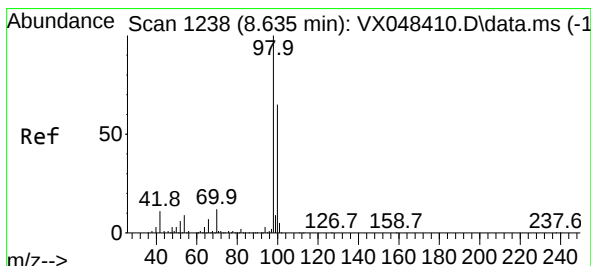
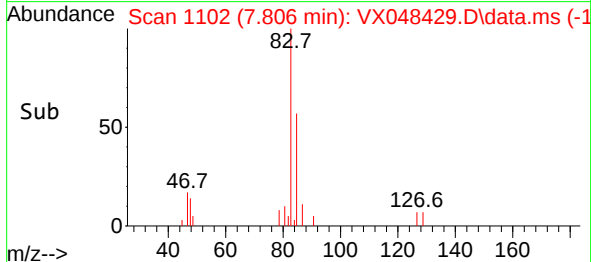
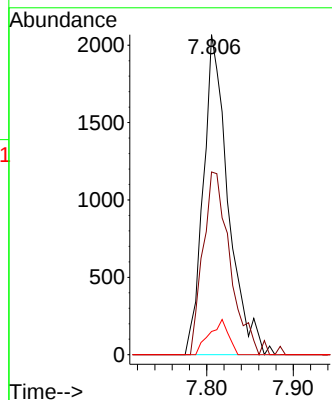
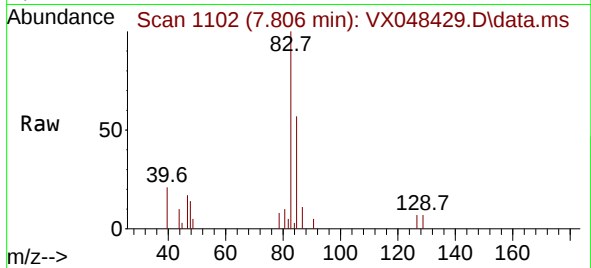




#47
Bromodichloromethane
Concen: 1.498 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

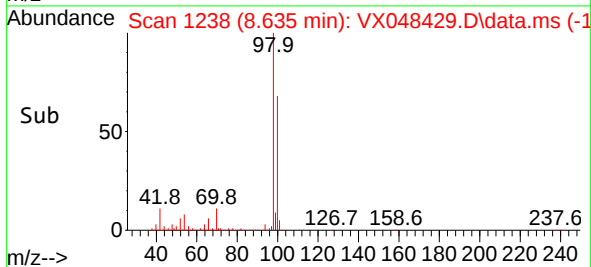
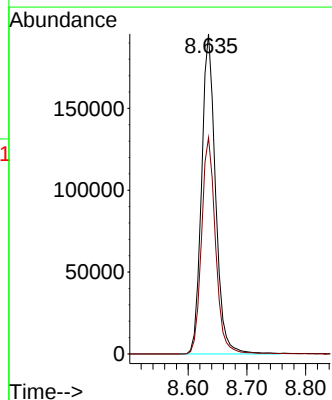
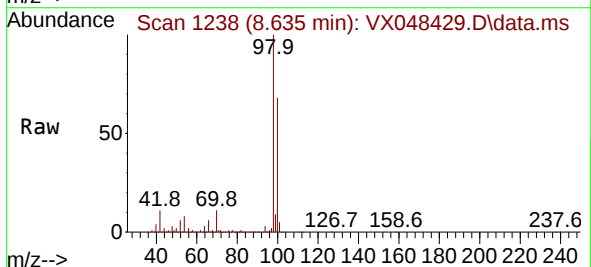
Instrument :
MSVOA_X
ClientSampleId :
10-17-25-WATER

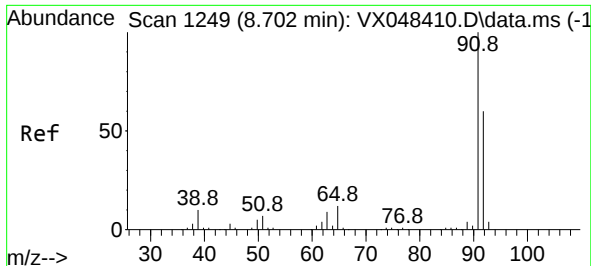
Tgt Ion: 83 Resp: 4131
Ion Ratio Lower Upper
83 100
85 57.1 52.2 78.4
127 7.3 7.3 10.9#



#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Tgt Ion: 98 Resp: 322894
Ion Ratio Lower Upper
98 100
100 68.0 53.0 79.4

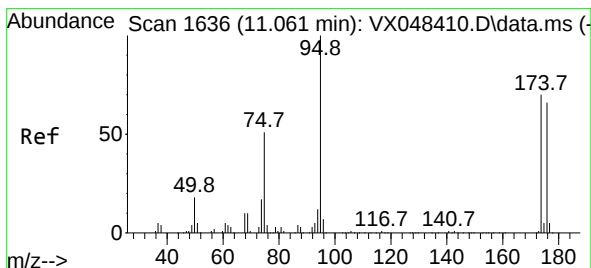
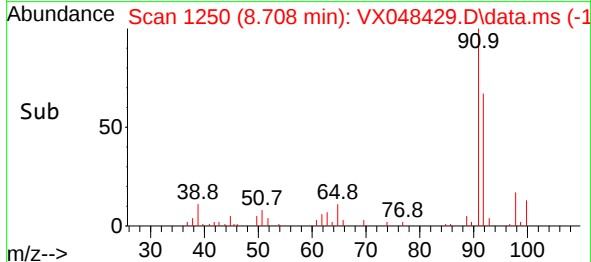
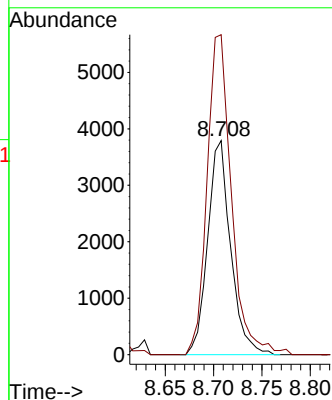
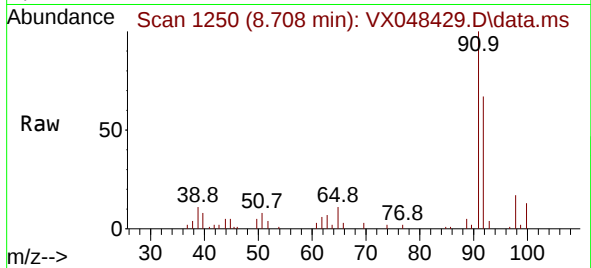




#52
Toluene
Concen: 1.350 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

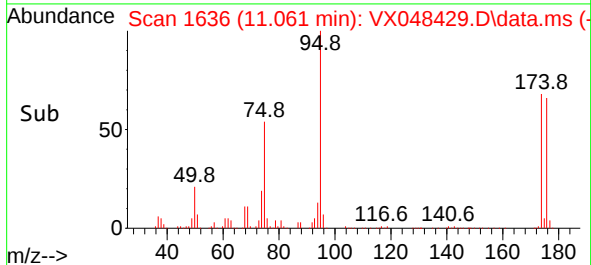
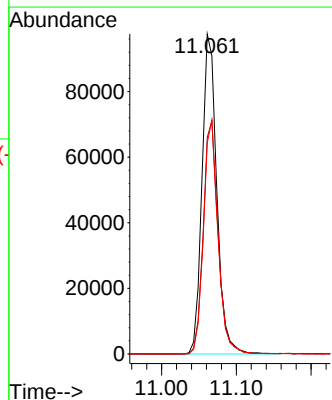
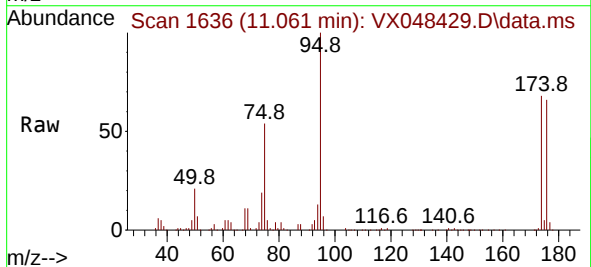
Instrument :
MSVOA_X
ClientSampleId :
10-17-25-WATER

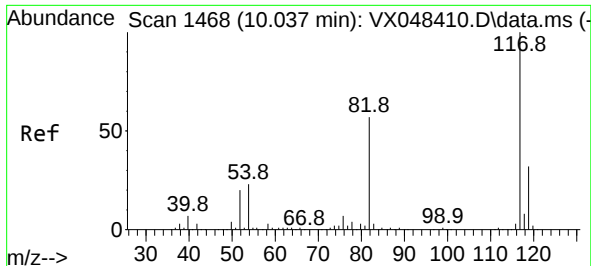
Tgt Ion: 92 Resp: 6263
Ion Ratio Lower Upper
92 100
91 158.7 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 56.053 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Tgt Ion: 95 Resp: 133911
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.8
176 71.3 0.0 142.8

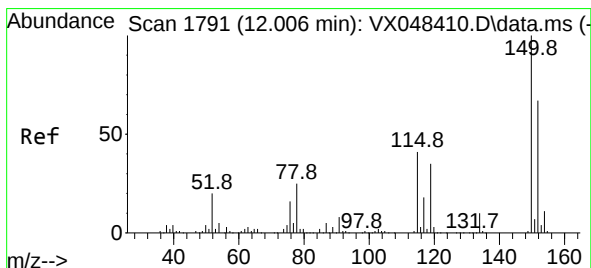
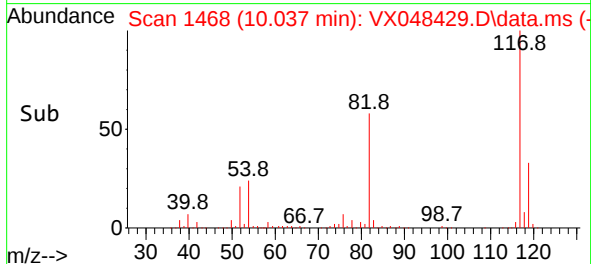
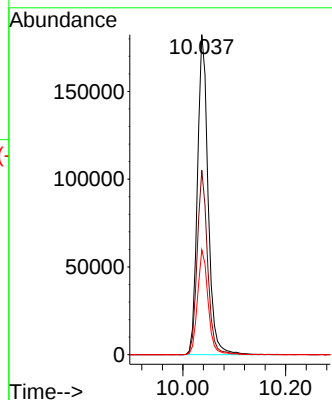
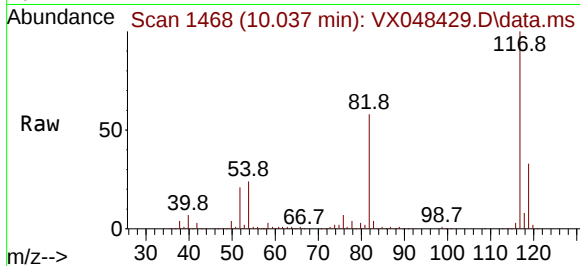




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
10-17-25-WATER

Tgt Ion:117 Resp: 263128
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048429.D
Acq: 31 Oct 2025 14:06

Tgt Ion:152 Resp: 133188
Ion Ratio Lower Upper
152 100
115 62.5 43.1 129.4
150 157.9 0.0 353.0

