

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048428.D
 Acq On : 31 Oct 2025 13:46
 Operator : JC/MD
 Sample : Q3495-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1025-1

Quant Time: Oct 31 23:05:12 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)

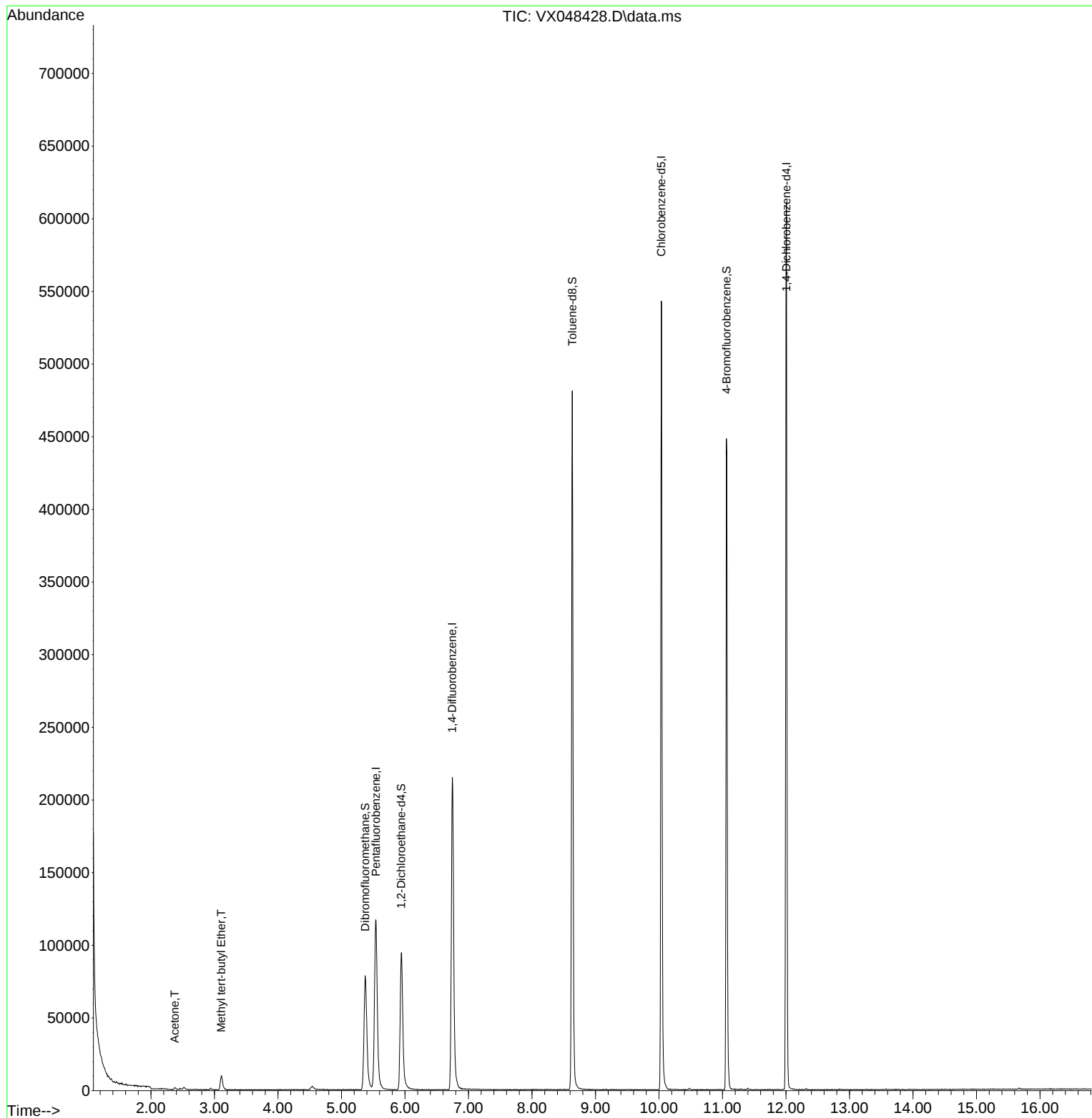
Internal Standards						
1) Pentafluorobenzene	5.544	168	121387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	239256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105451	60.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.820%#	
35) Dibromofluoromethane	5.373	113	78112	57.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.520%	
50) Toluene-d8	8.635	98	289433	48.067	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.140%	
62) 4-Bromofluorobenzene	11.061	95	131178	58.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.480%	
Target Compounds						
						Qvalue
16) Acetone	2.374	43	1852	4.681	ug/l	89
19) Methyl tert-butyl Ether	3.105	73	11901	2.630	ug/l	94

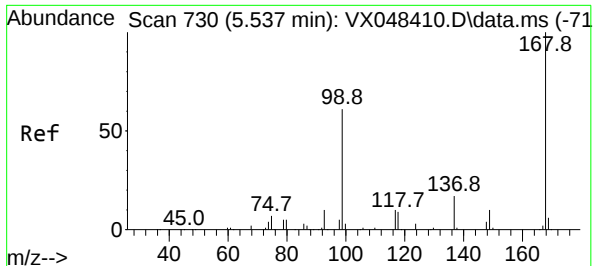
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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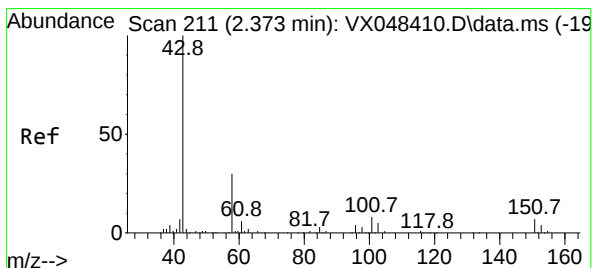
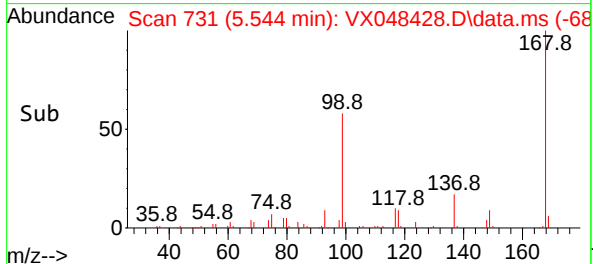
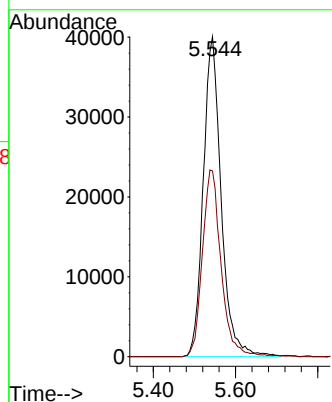
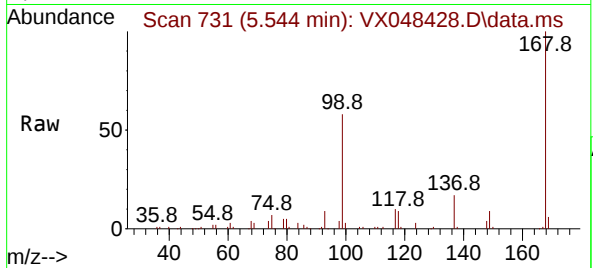




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

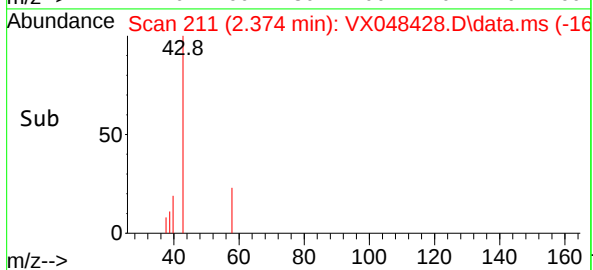
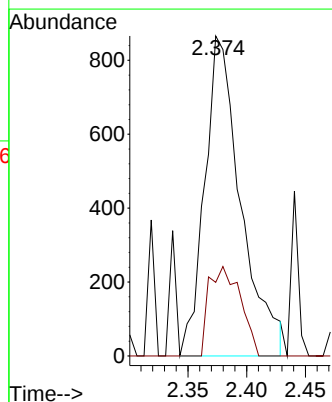
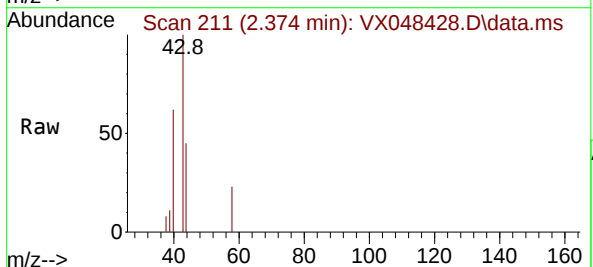
Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

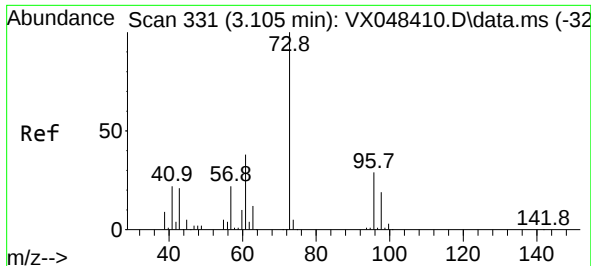
Tgt Ion:168 Resp: 121387
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#16
Acetone
Concen: 4.681 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
58 23.7 23.4 35.2

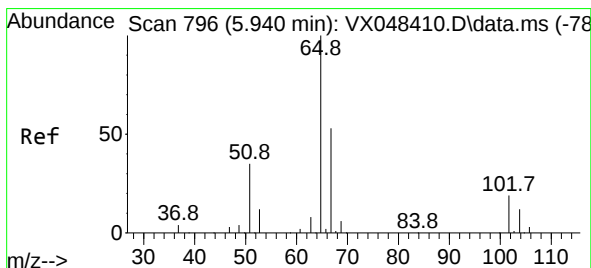
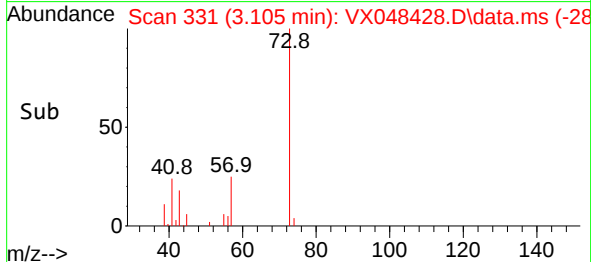
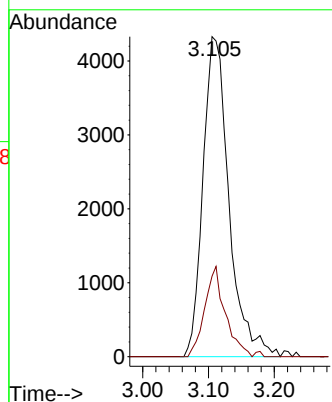
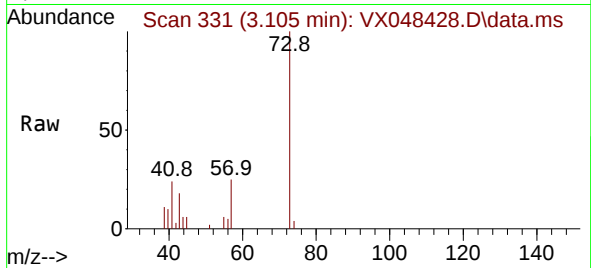




#19
Methyl tert-butyl Ether
Concen: 2.630 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

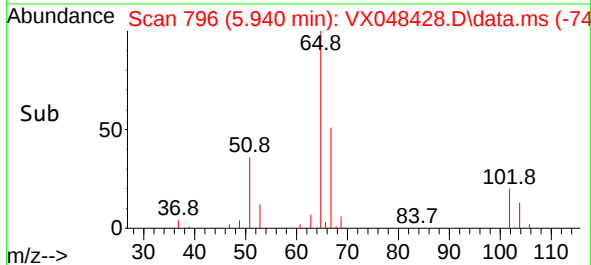
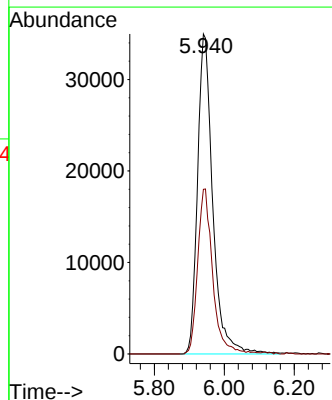
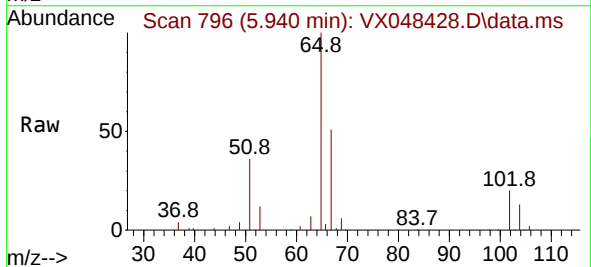
Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

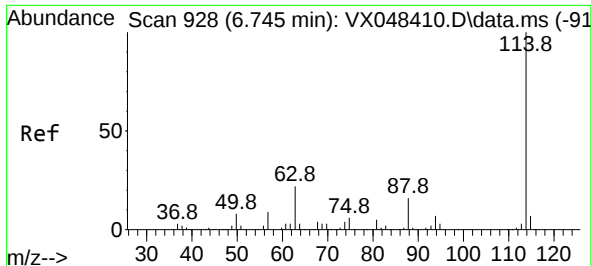
Tgt Ion: 73 Resp: 11901
Ion Ratio Lower Upper
73 100
57 25.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 60.405 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 65 Resp: 105451
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.0

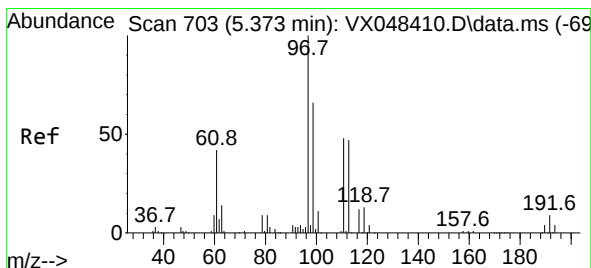
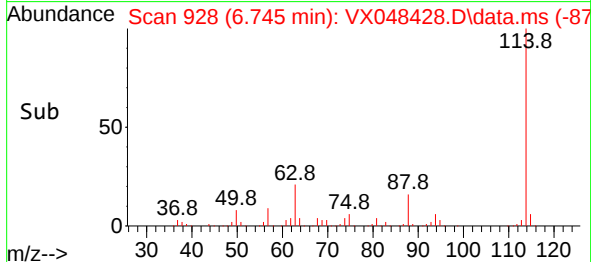
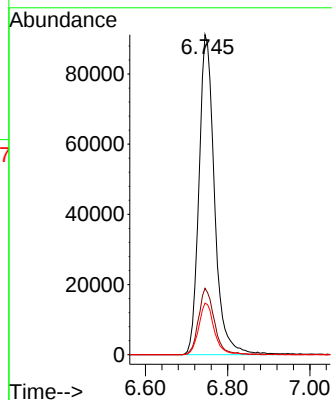
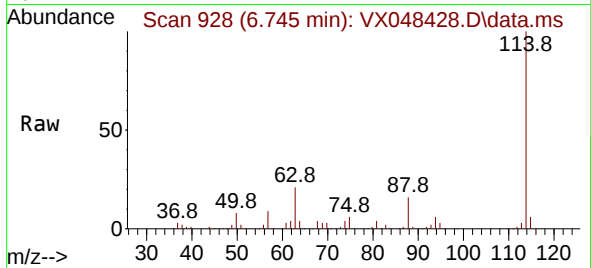




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

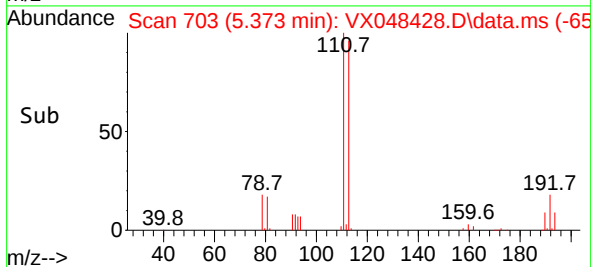
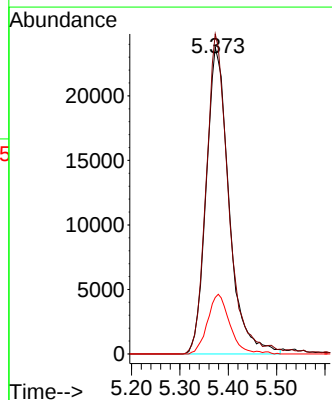
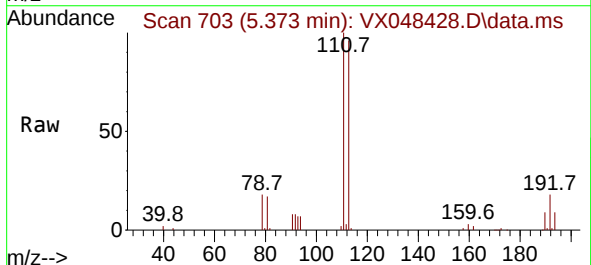
Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

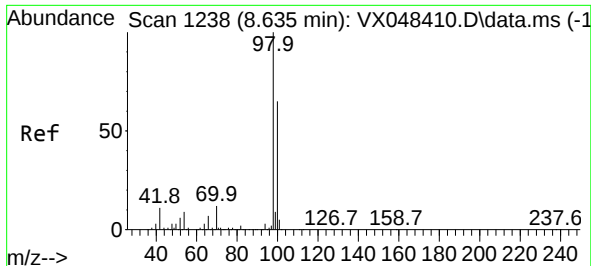
Tgt Ion:114 Resp: 239256
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 57.263 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:113 Resp: 78112
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 19.1 15.1 22.7

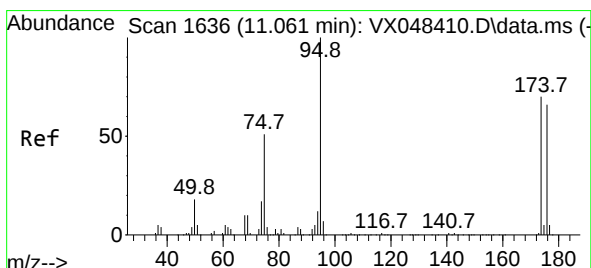
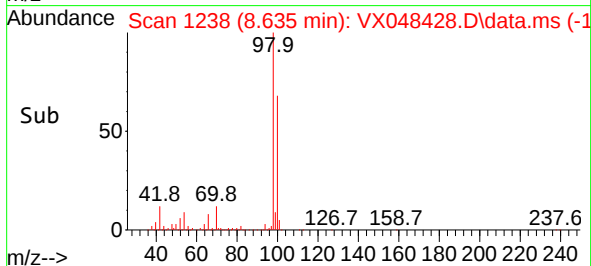
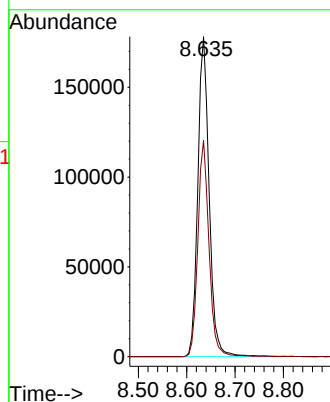
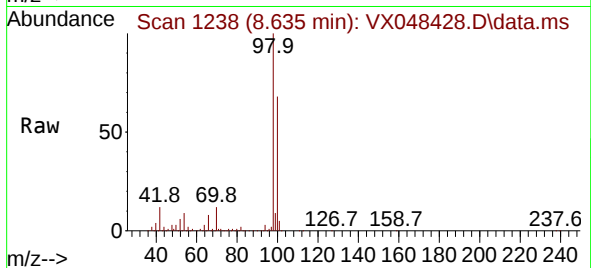




#50
Toluene-d8
Concen: 48.067 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

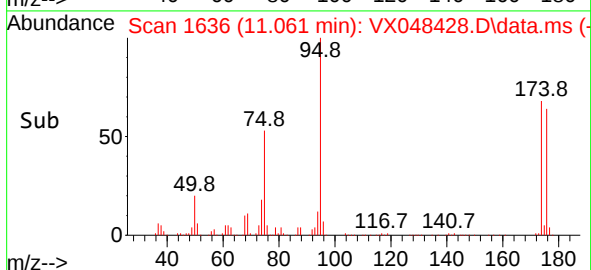
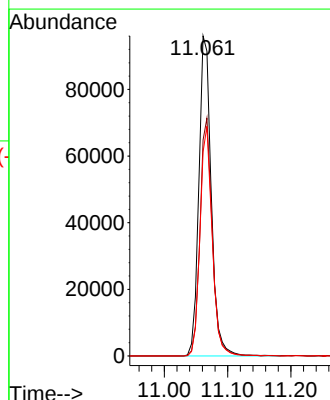
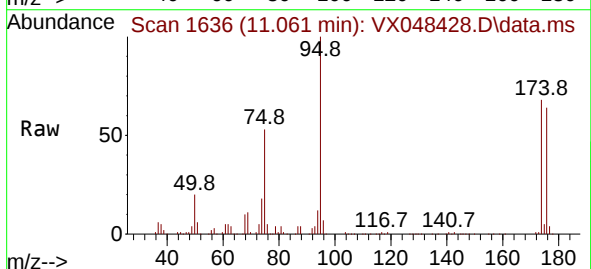
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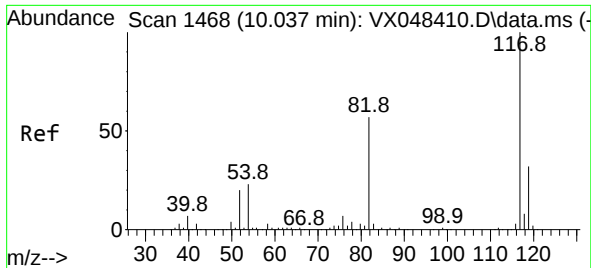
Tgt Ion: 98 Resp: 289433
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.237 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 95 Resp: 131178
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.8
176 70.7 0.0 142.8

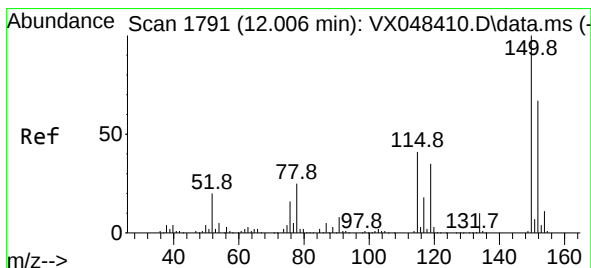
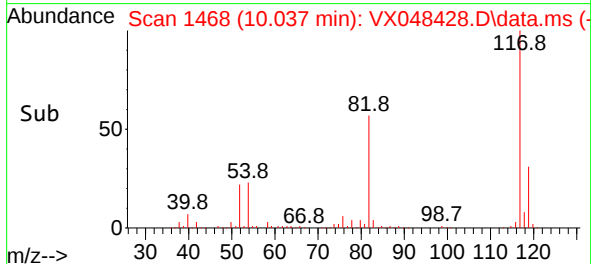
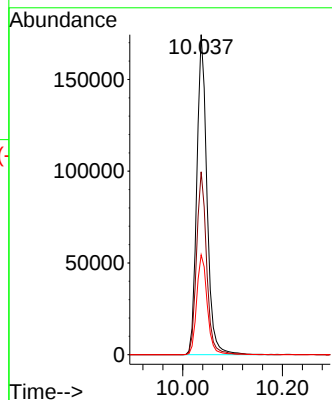
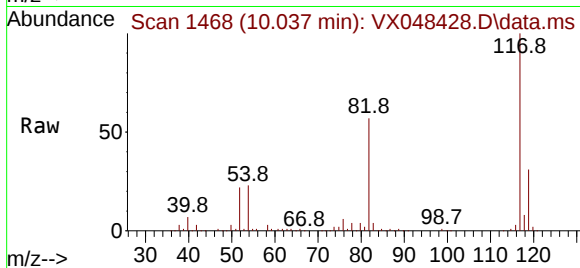




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:117 Resp: 246924
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.2 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: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:152 Resp: 124979
Ion Ratio Lower Upper
152 100
115 64.9 43.1 129.4
150 161.7 0.0 353.0

