

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048245.D
 Acq On : 20 Oct 2025 17:41
 Operator : JC/MD
 Sample : Q3371-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-915-917

Quant Time: Oct 20 18:52:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

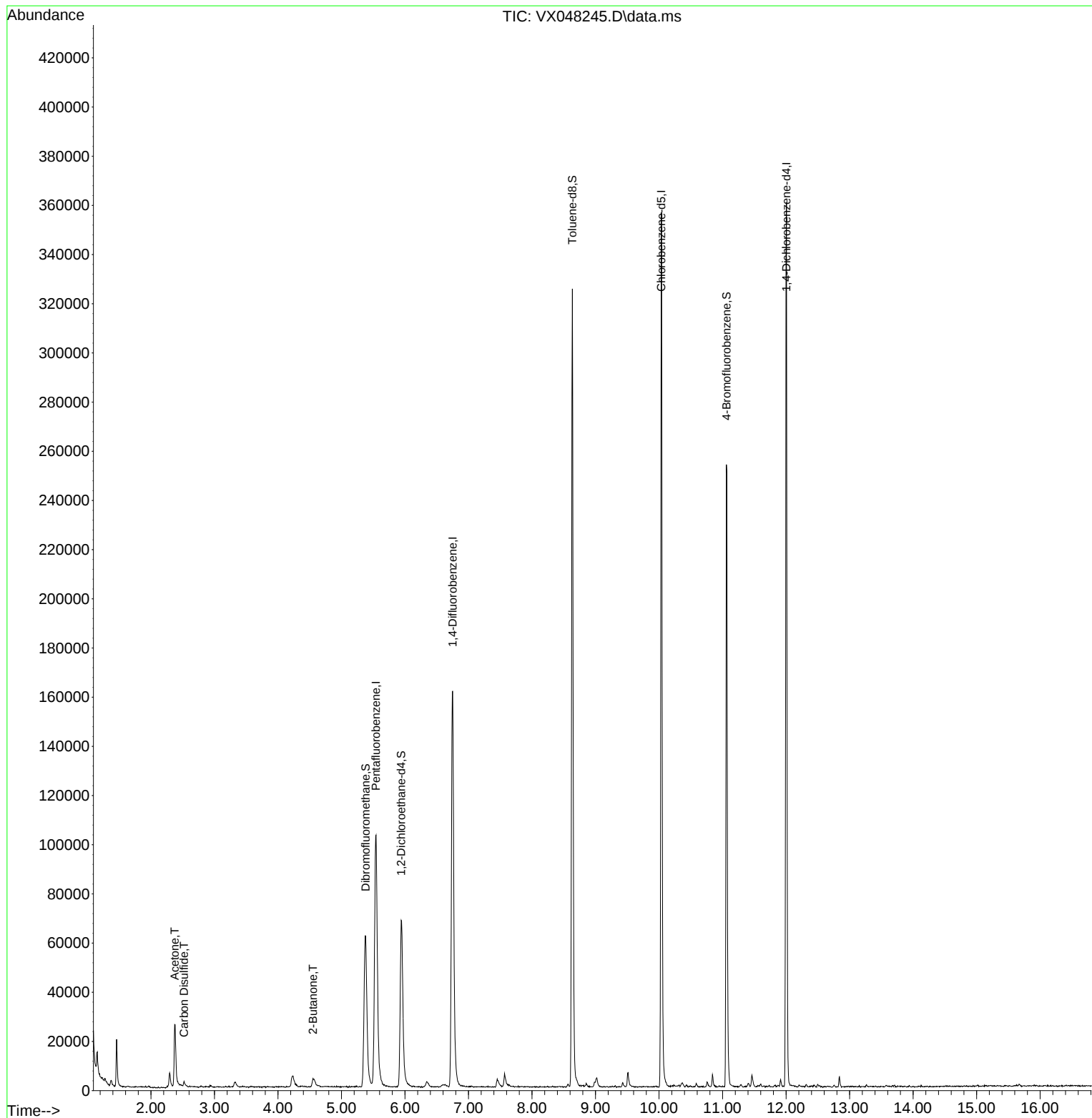
Internal Standards						
1) Pentafluorobenzene	5.544	168	107423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	183824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	169870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	81048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	76776	50.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.379	113	60761	48.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	8.635	98	207133	47.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.180%			
62) 4-Bromofluorobenzene	11.061	95	75303	45.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.000%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	33048	63.960	ug/l	98
17) Carbon Disulfide	2.520	76	1264	0.356	ug/l	97
25) 2-Butanone	4.550	43	8182	12.511	ug/l	98

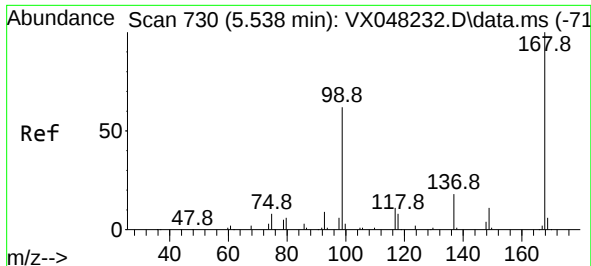
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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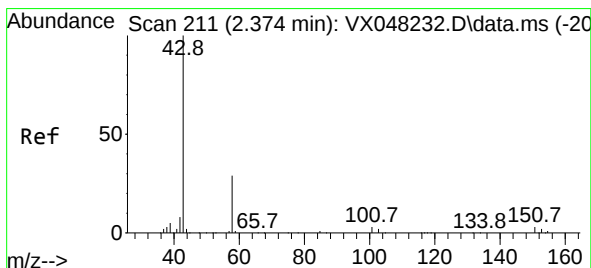
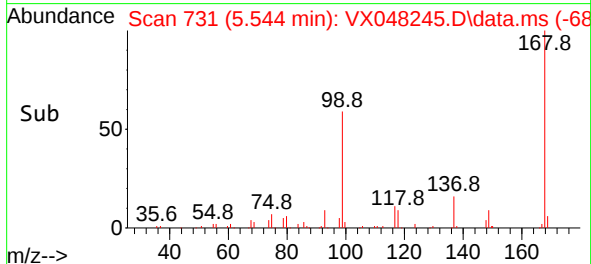
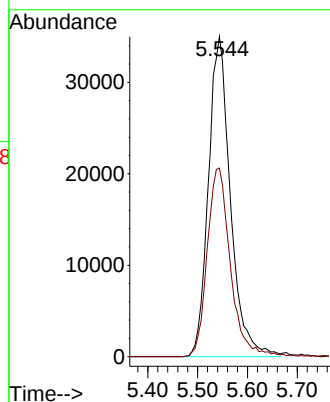
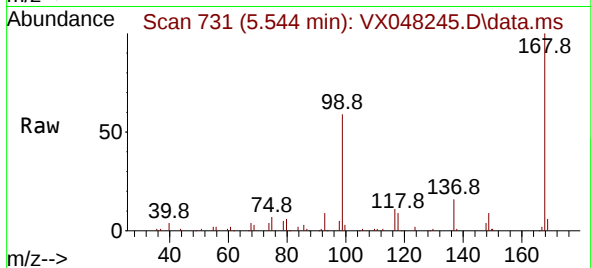




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

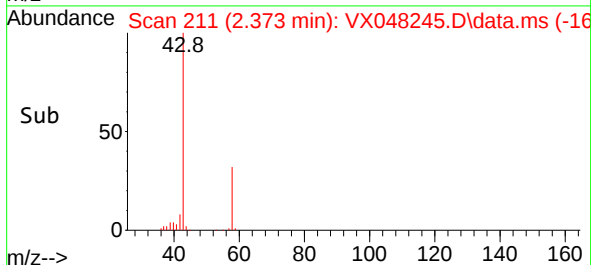
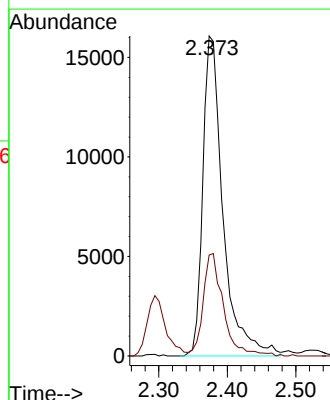
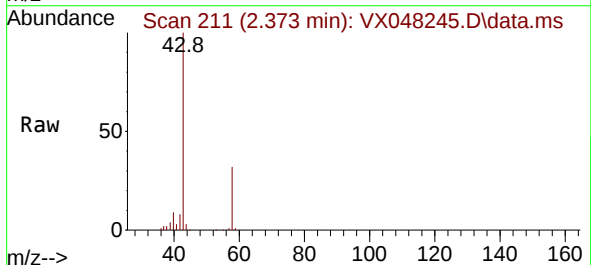
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-915-917

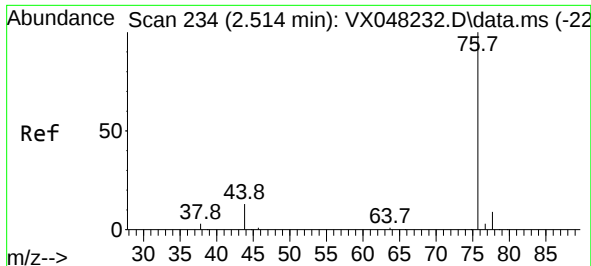
Tgt Ion:168 Resp: 107423
Ion Ratio Lower Upper
168 100
99 59.0 46.4 69.6



#16
Acetone
Concen: 63.960 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

Tgt Ion: 43 Resp: 33048
Ion Ratio Lower Upper
43 100
58 30.4 23.4 35.2

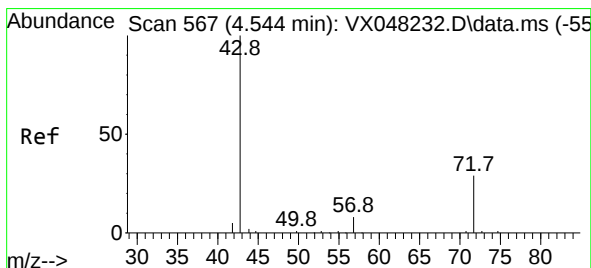
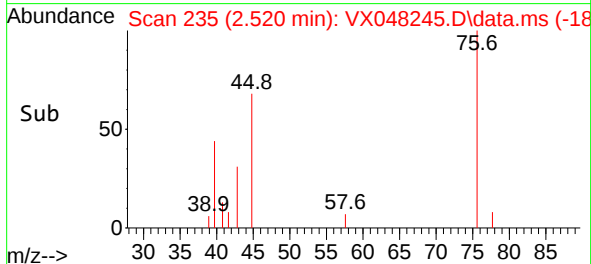
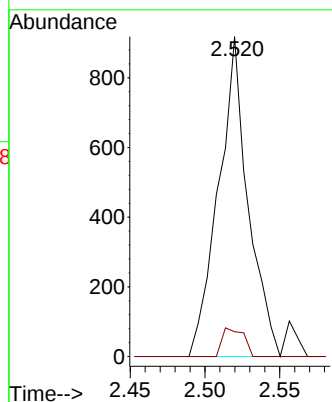
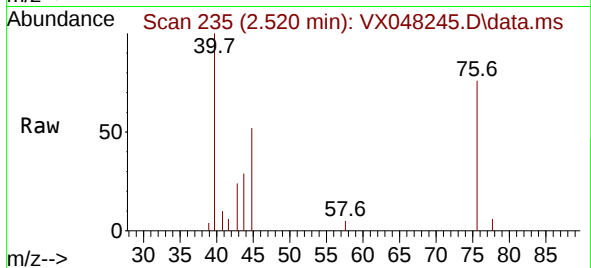




#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

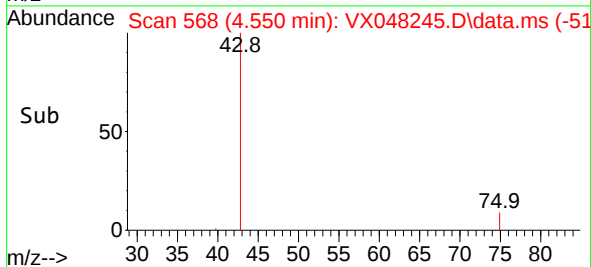
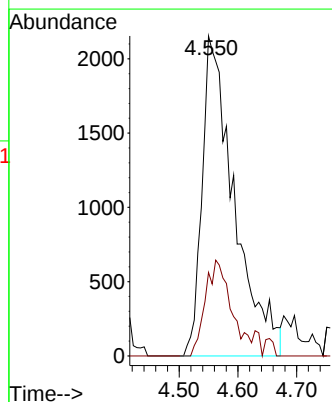
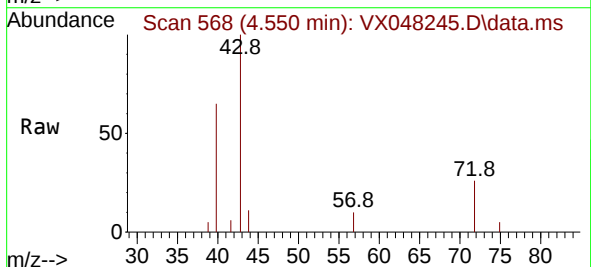
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-915-917

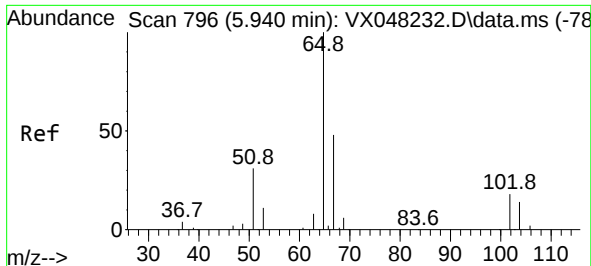
Tgt Ion: 76 Resp: 1264
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7



#25
2-Butanone
Concen: 12.511 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

Tgt Ion: 43 Resp: 8182
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9

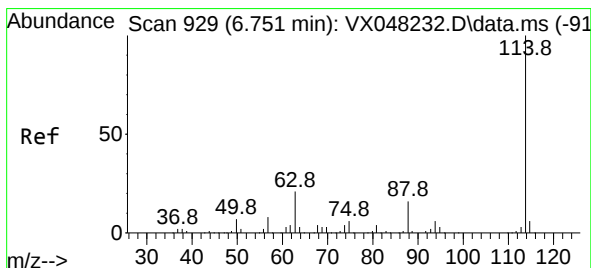
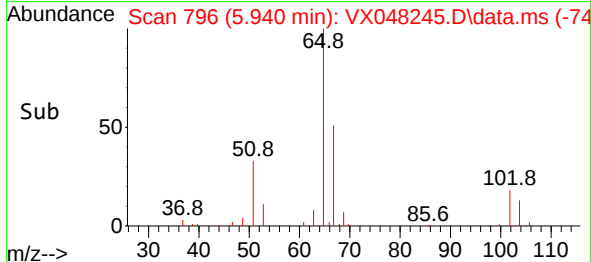
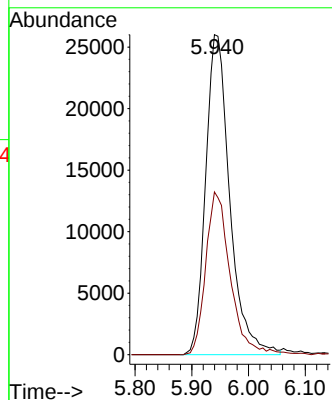
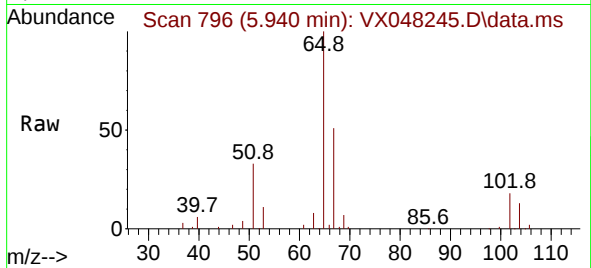




#33
 1,2-Dichloroethane-d4
 Concen: 50.975 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048245.D
 Acq: 20 Oct 2025 17:41

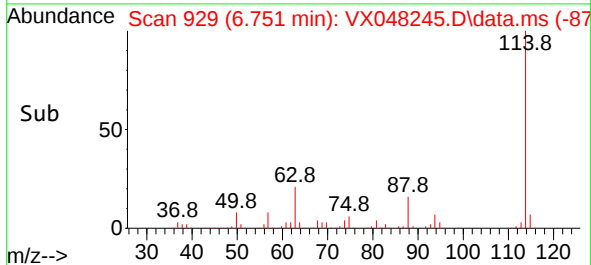
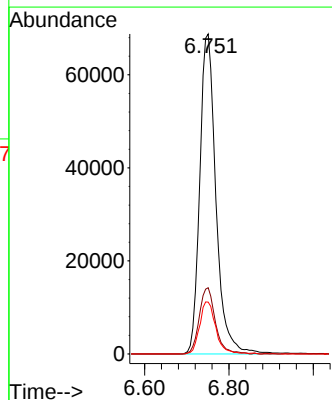
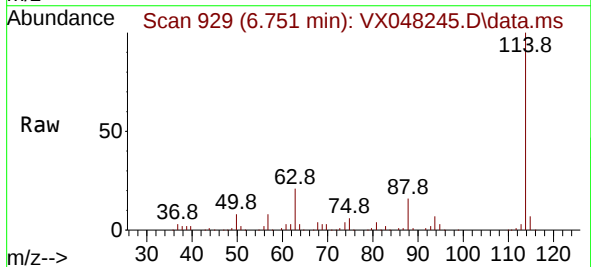
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-184-GW-915-917

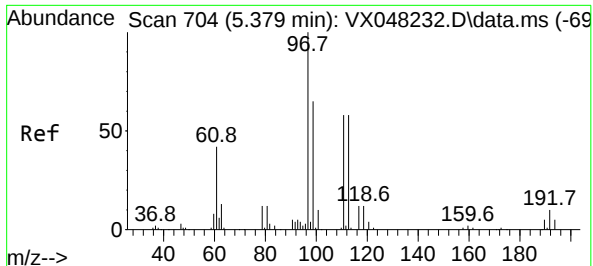
Tgt Ion: 65 Resp: 76776
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048245.D
 Acq: 20 Oct 2025 17:41

Tgt Ion: 114 Resp: 183824
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 16.2 0.0 33.6

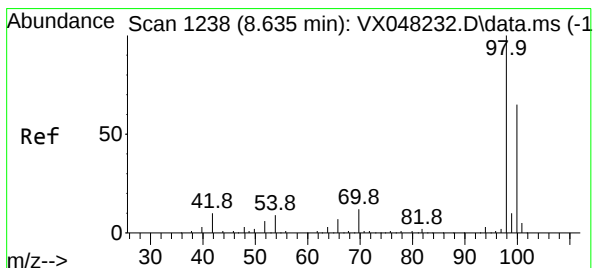
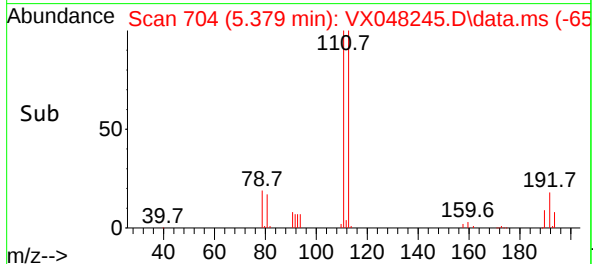
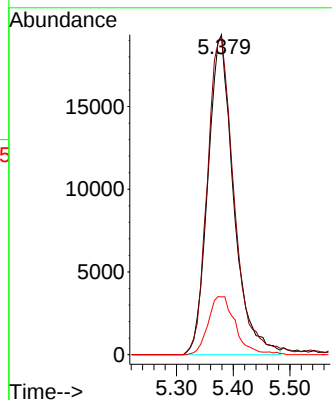
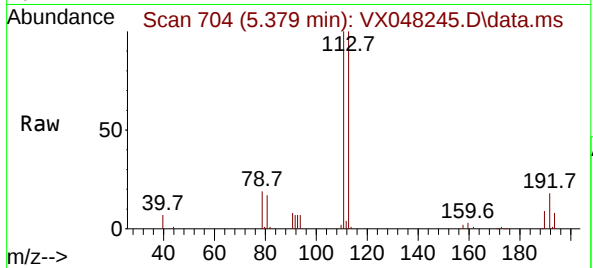




#35
Dibromofluoromethane
Concen: 48.417 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

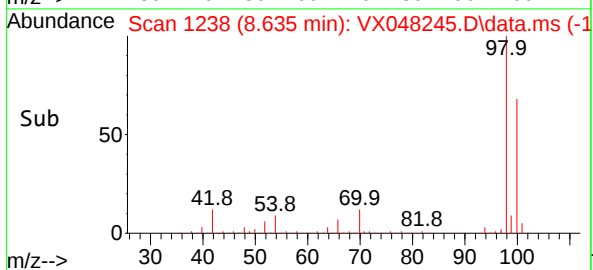
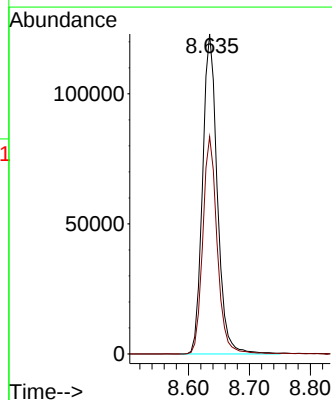
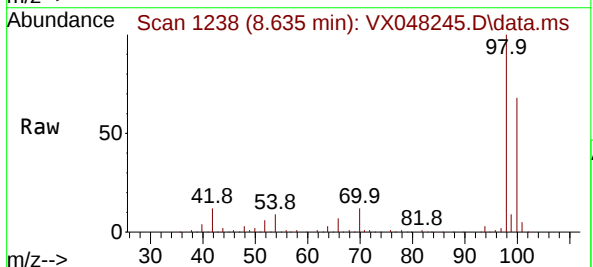
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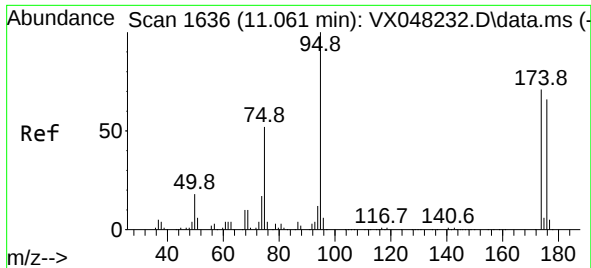
Tgt Ion:113 Resp: 60761
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.4 15.1 22.7



#50
Toluene-d8
Concen: 47.089 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

Tgt Ion: 98 Resp: 207133
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

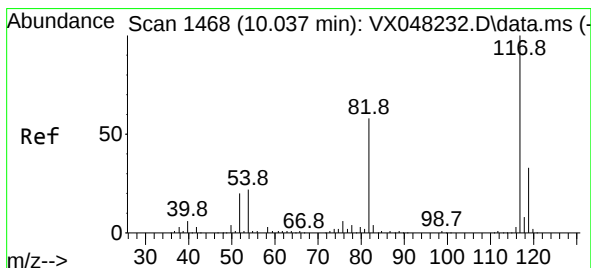
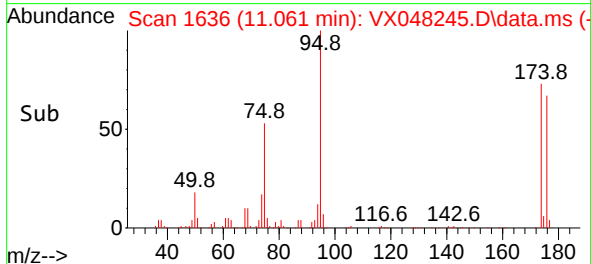
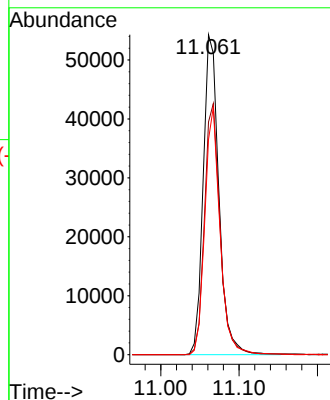
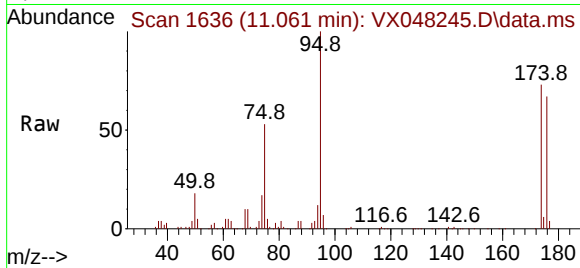




#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

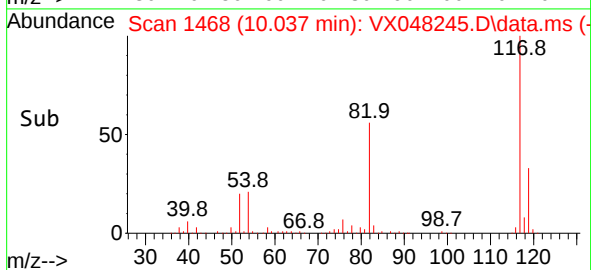
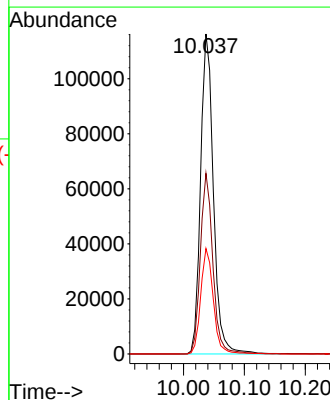
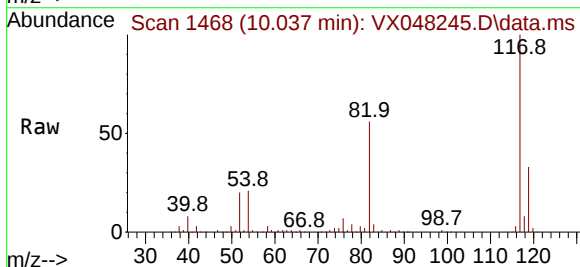
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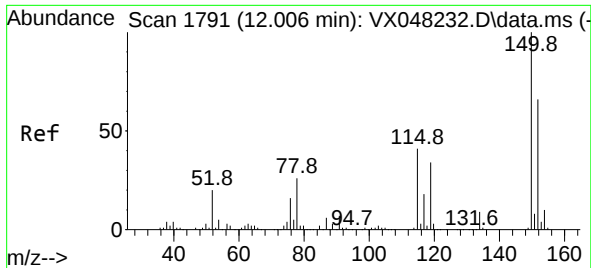
Tgt Ion: 95 Resp: 75303
Ion Ratio Lower Upper
95 100
174 78.4 0.0 147.8
176 75.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048245.D
Acq: 20 Oct 2025 17:41

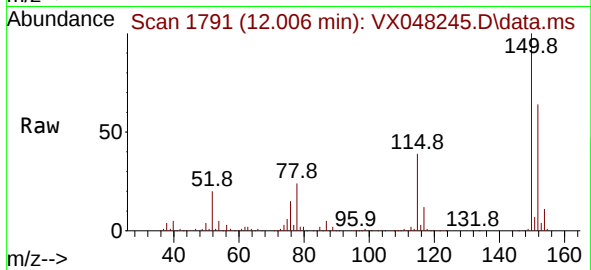
Tgt Ion: 117 Resp: 169870
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 33.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048245.D
 Acq: 20 Oct 2025 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-915-917



Tgt Ion:152 Resp: 81048
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.1 129.4
 150 155.0 0.0 353.0

