

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045740.D
 Acq On : 11 Apr 2025 14:41
 Operator : JC/MD
 Sample : Q1782-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 11 23:05:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	62495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63128	55.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.480%	
35) Dibromofluoromethane	5.379	113	44883	51.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	8.647	98	154342	50.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	57776	52.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.500%	

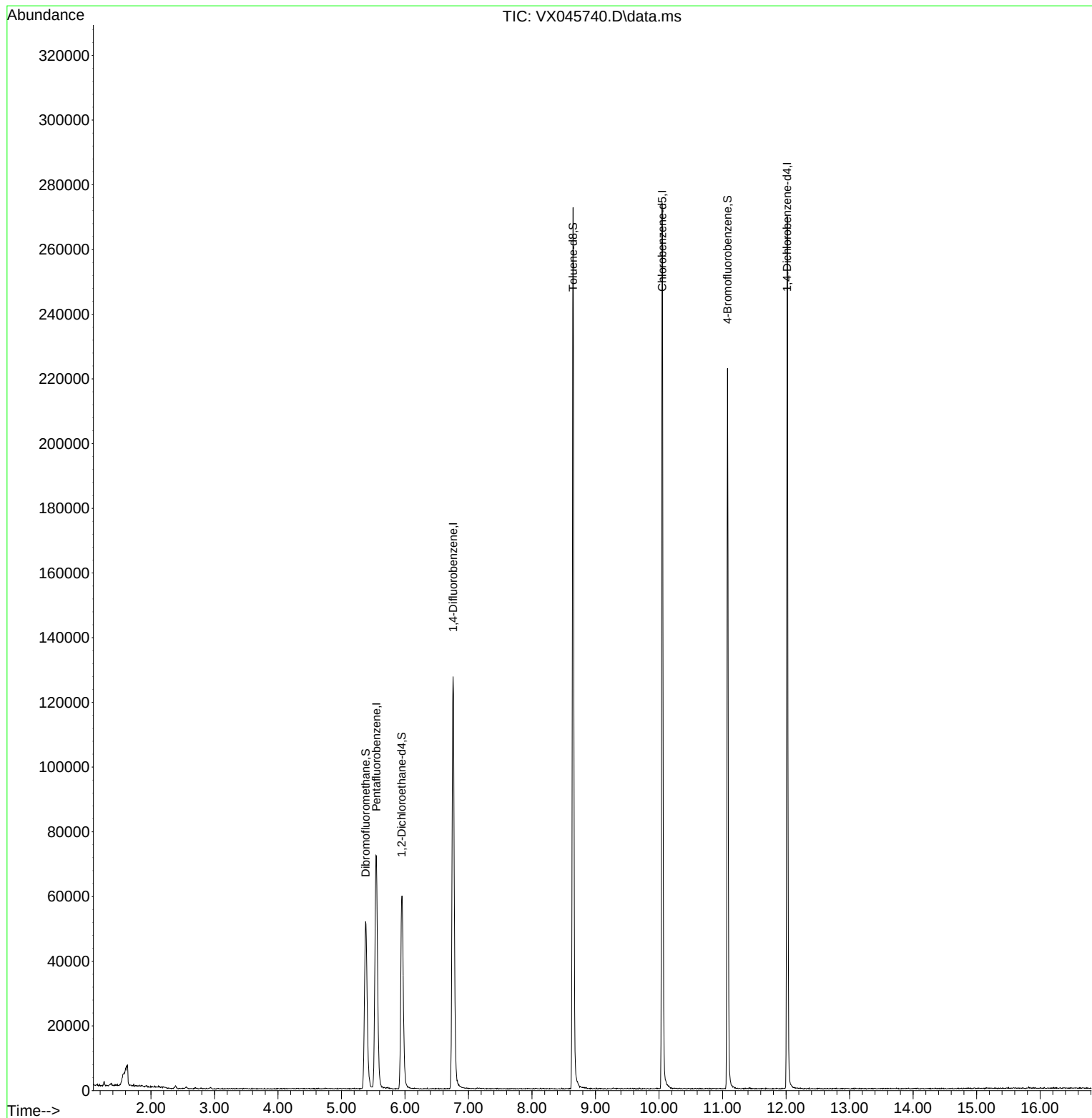
Target Compounds	Qvalue

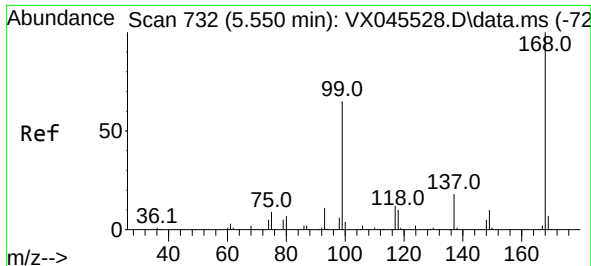
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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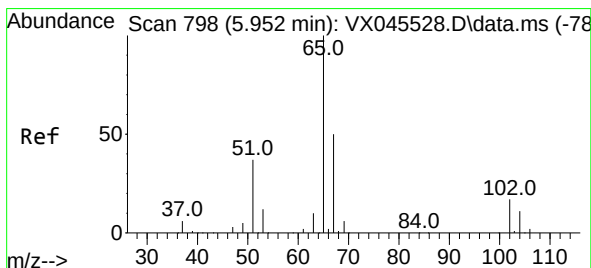
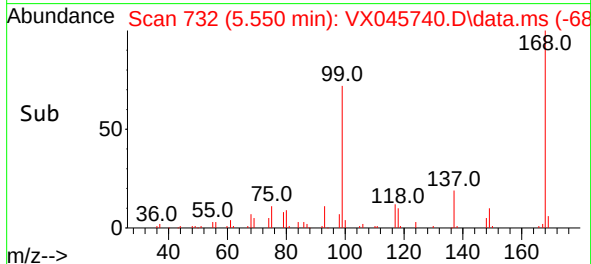
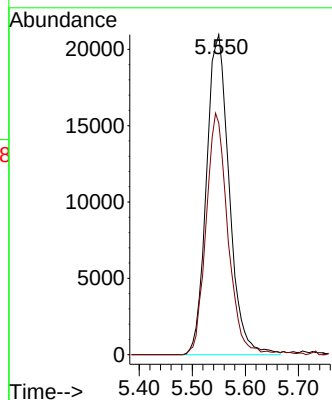
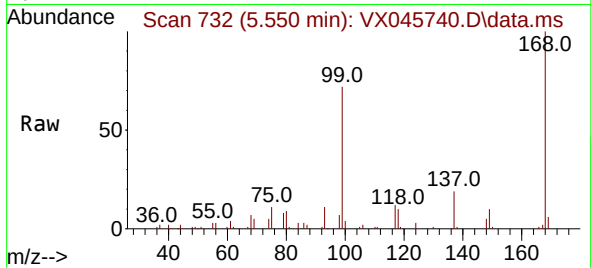




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

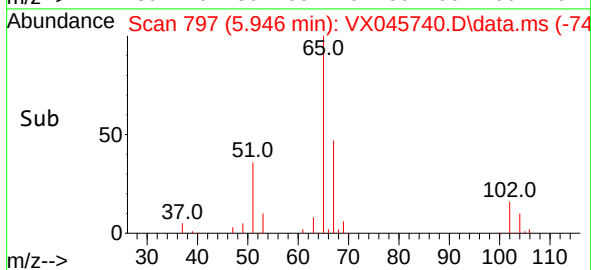
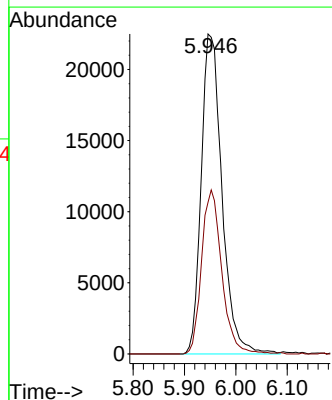
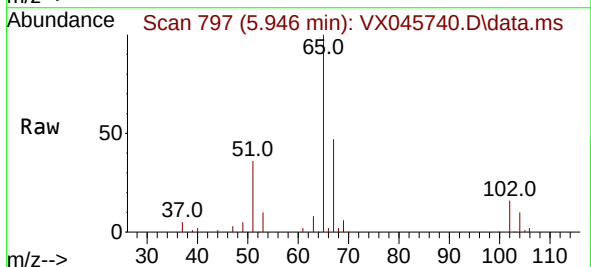
Instrument :
MSVOA_X
ClientSampleId :
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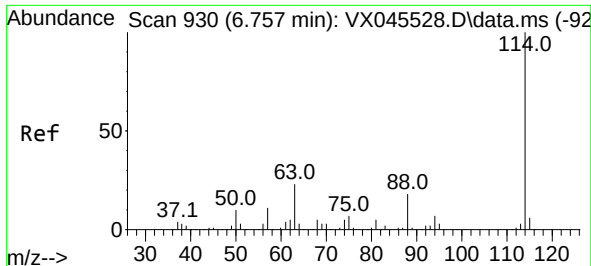
Tgt Ion:168 Resp: 62495
Ion Ratio Lower Upper
168 100
99 72.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.236 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 65 Resp: 63128
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

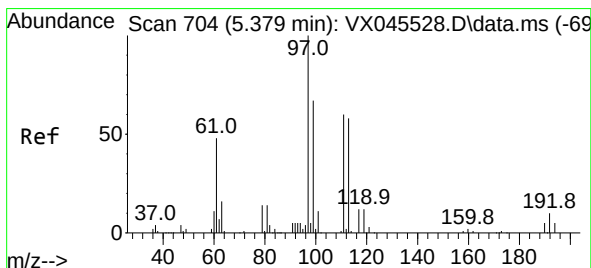
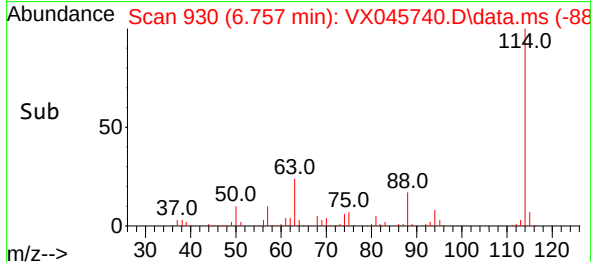
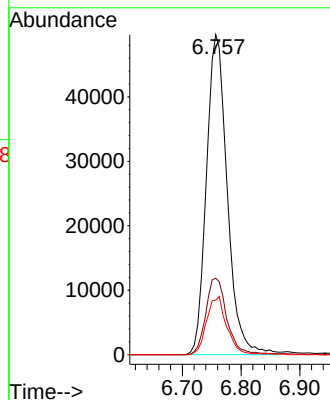
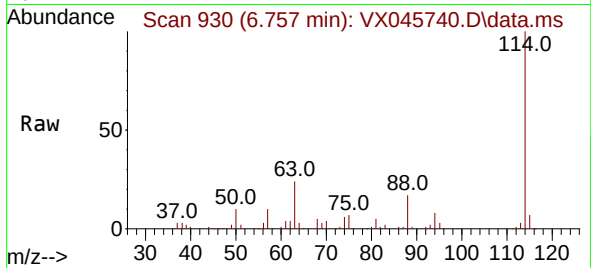




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

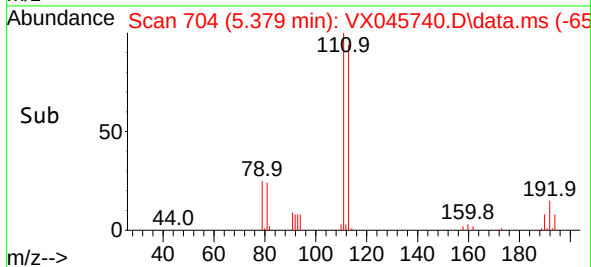
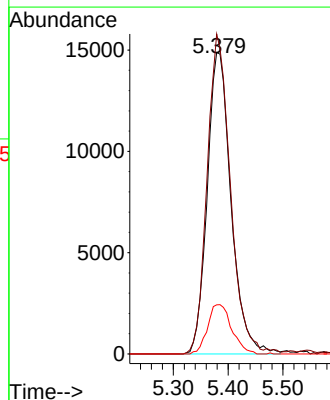
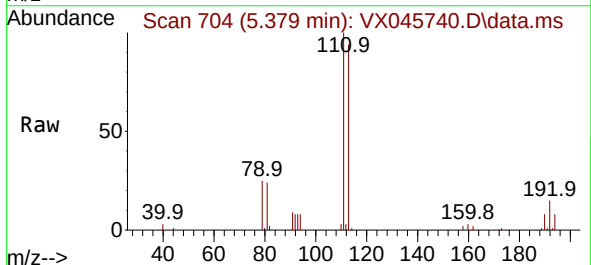
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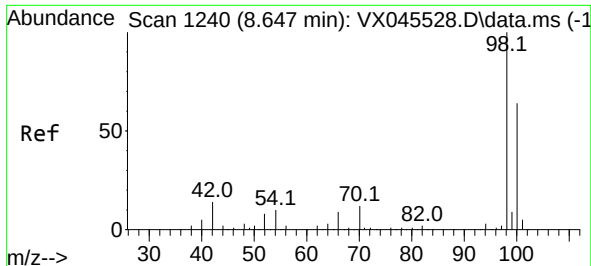
Tgt Ion:114 Resp: 122581
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion:113 Resp: 44883
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.5 13.8 20.6

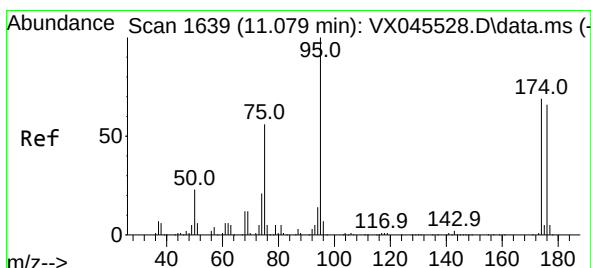
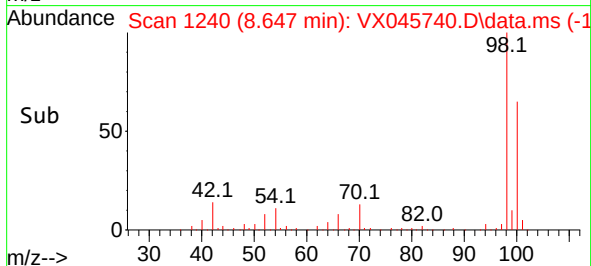
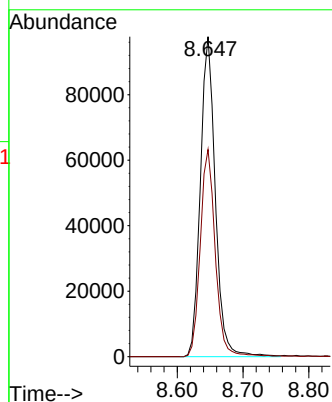
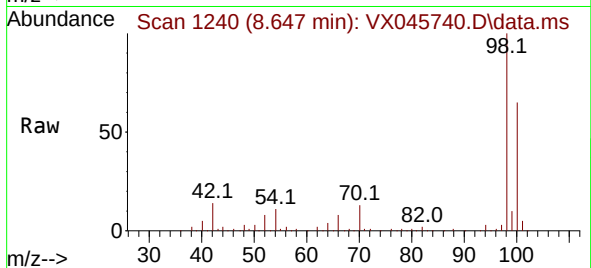




#50
Toluene-d8
Concen: 50.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

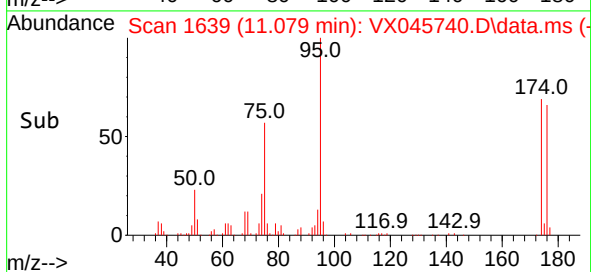
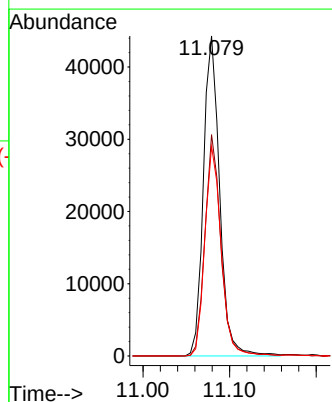
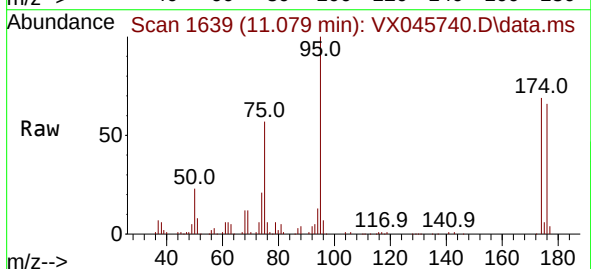
Instrument :
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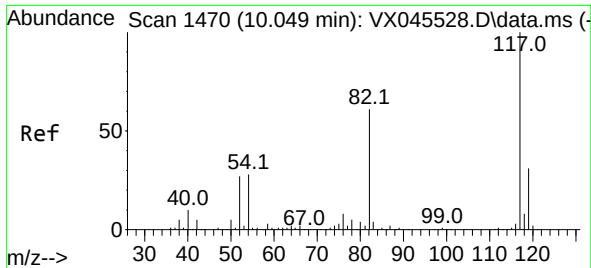
Tgt Ion: 98 Resp: 154342
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion: 95 Resp: 57776
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.9 0.0 131.4

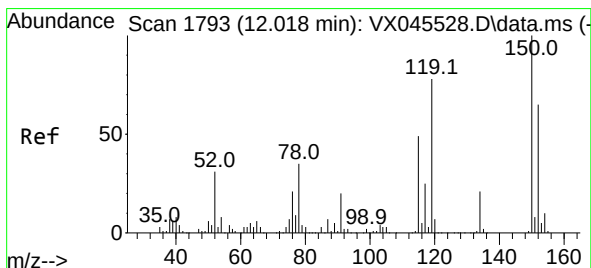
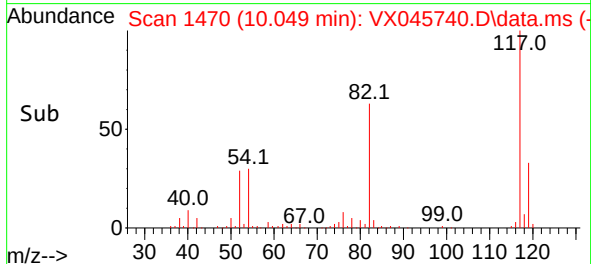
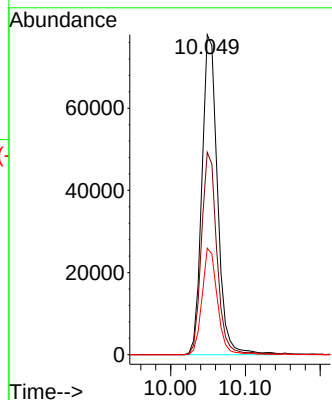
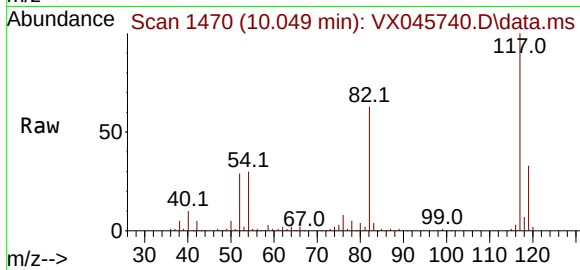




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 112879
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045740.D
Acq: 11 Apr 2025 14:41

Tgt Ion:152 Resp: 48954
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 159.9 0.0 349.4

