

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045362.D
 Acq On : 20 Mar 2025 15:36
 Operator : JC/MD
 Sample : Q1584-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Mar 21 01:49:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61132	55.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.240%	
35) Dibromofluoromethane	5.379	113	47482	52.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.980%	
50) Toluene-d8	8.647	98	169612	51.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	11.079	95	59764	54.992	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.980%	

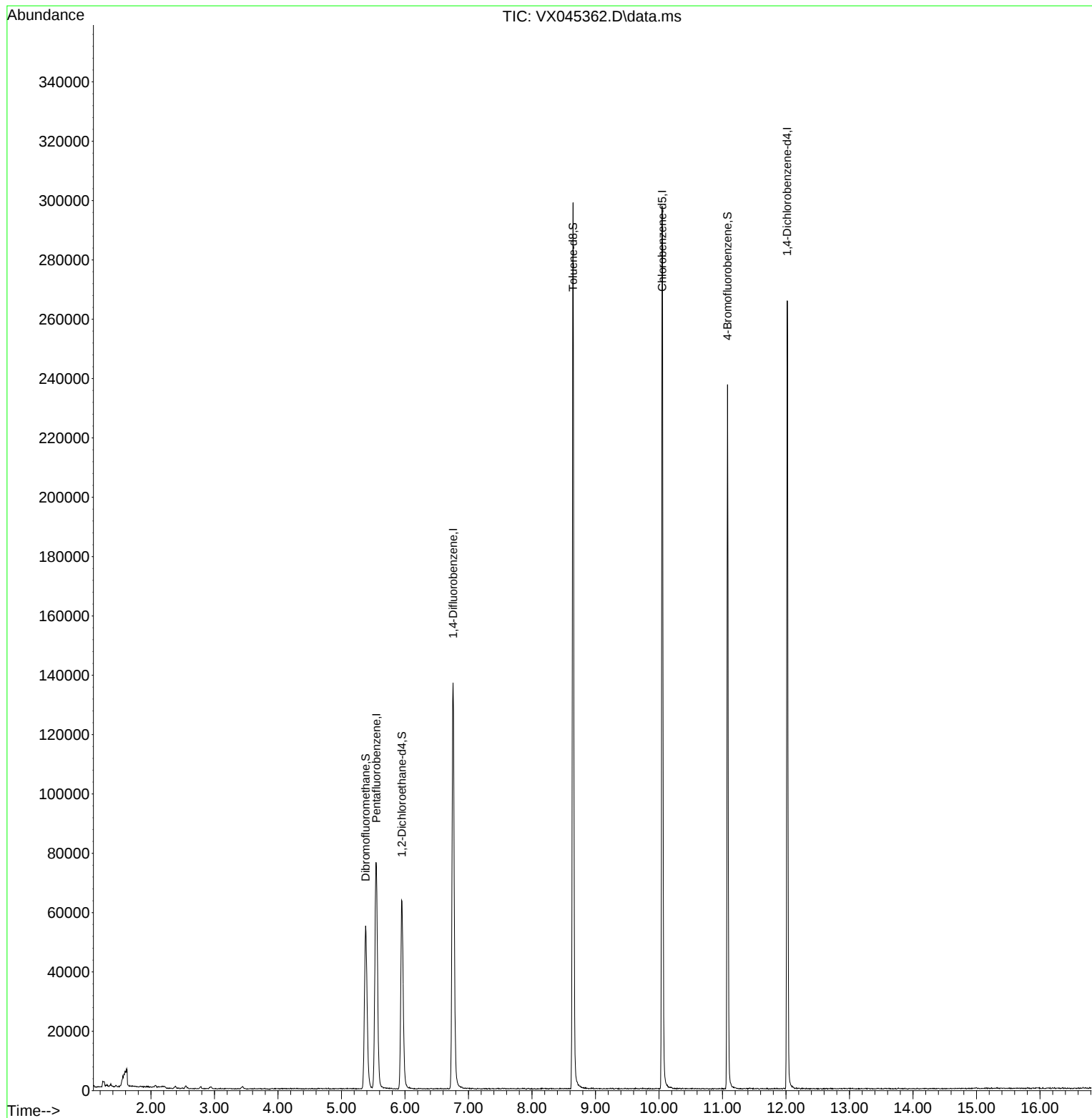
Target Compounds	Qvalue

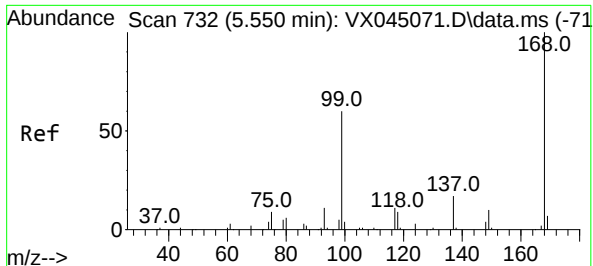
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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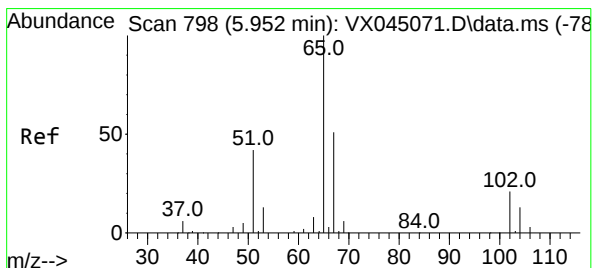
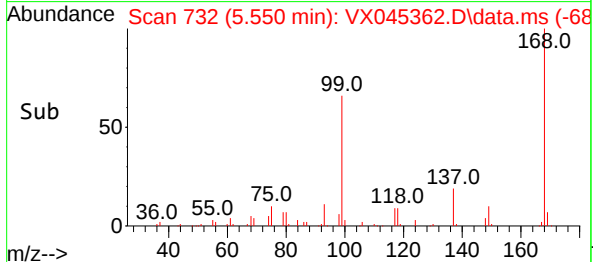
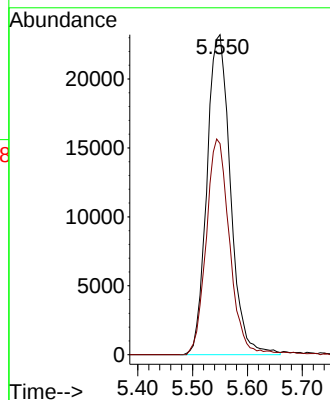
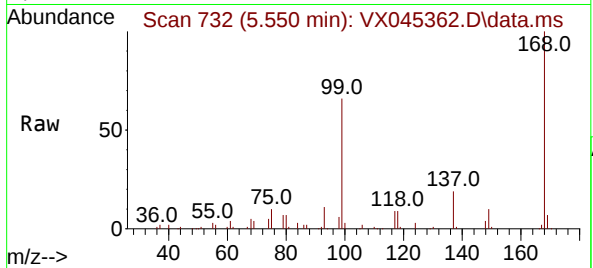




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

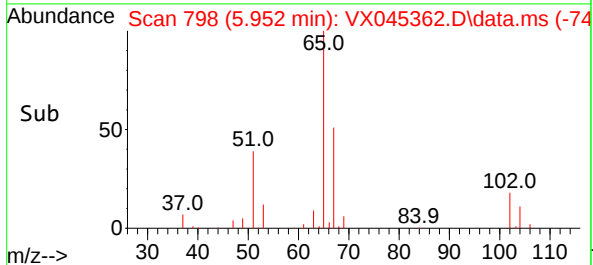
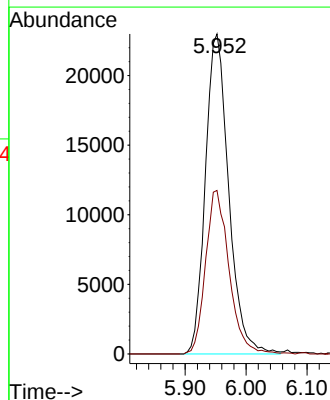
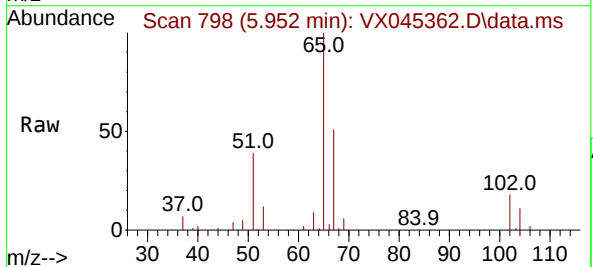
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 69102
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.617 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 65 Resp: 61132
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

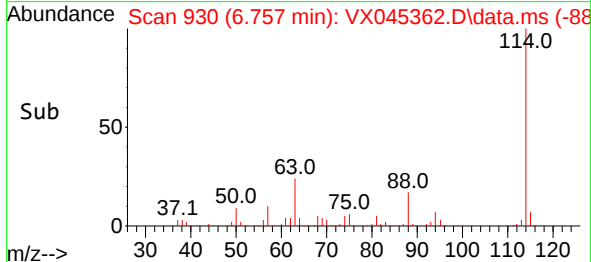
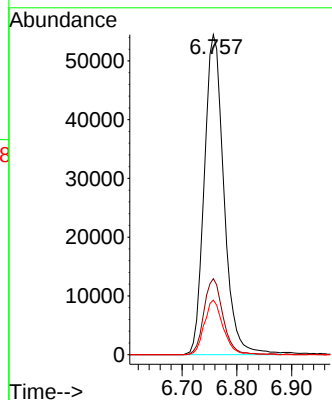
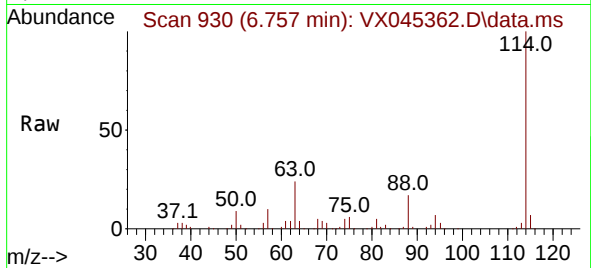




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

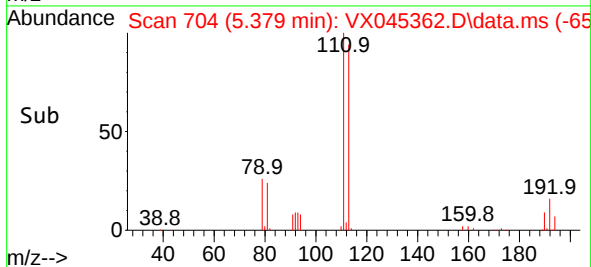
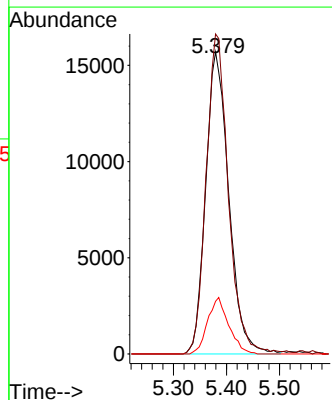
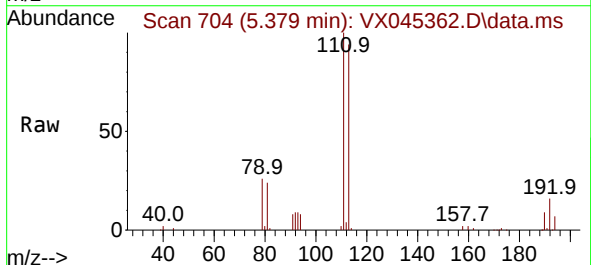
Instrument :
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ClientSampleId :
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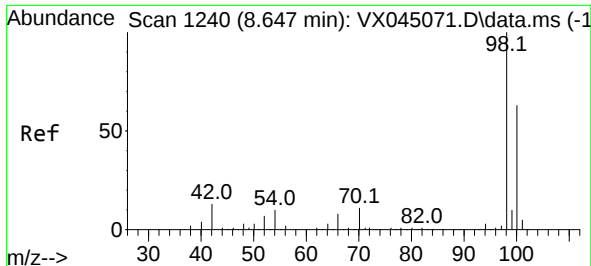
Tgt Ion:114 Resp: 135289
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.487 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion:113 Resp: 47482
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.1 14.3 21.5

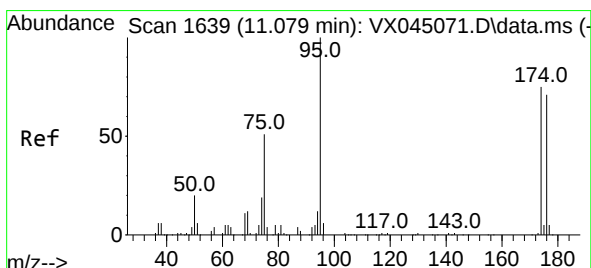
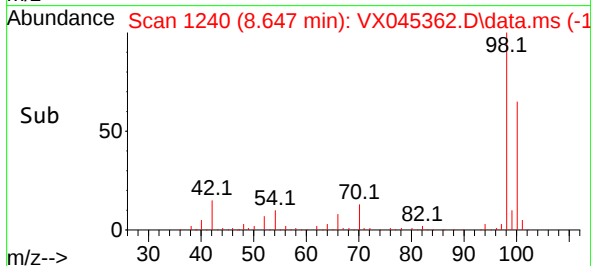
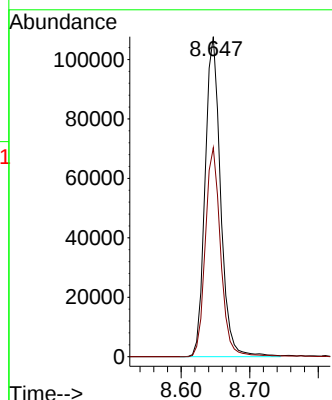
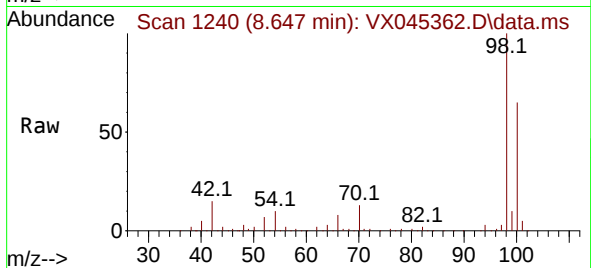




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

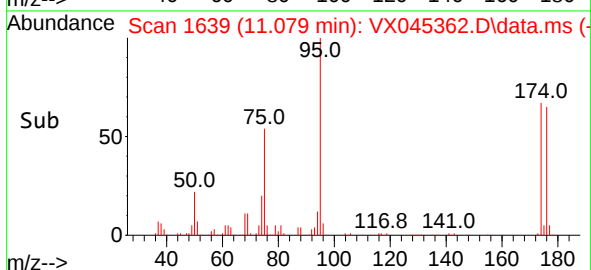
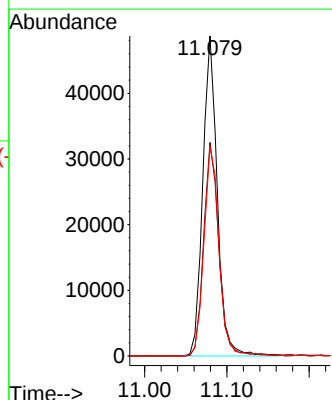
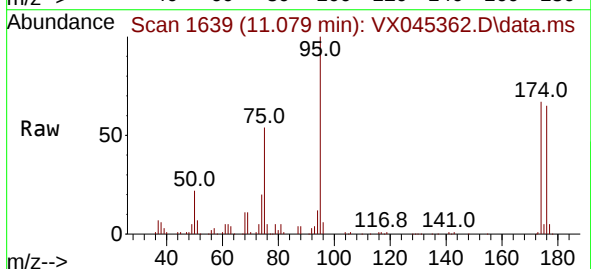
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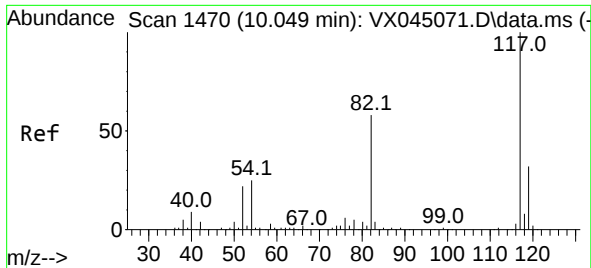
Tgt Ion: 98 Resp: 169612
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 95 Resp: 59764
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.2
176 68.2 0.0 141.4

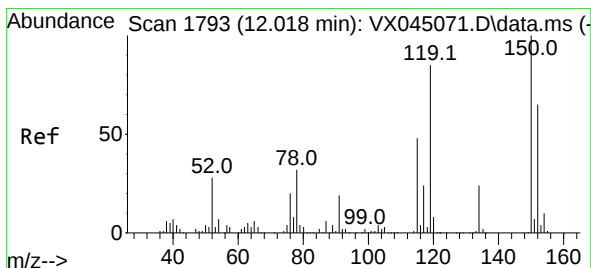
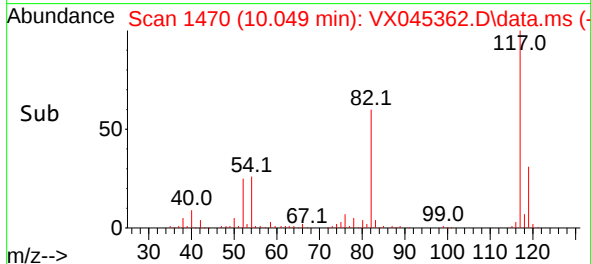
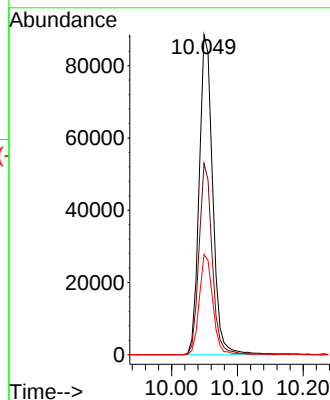
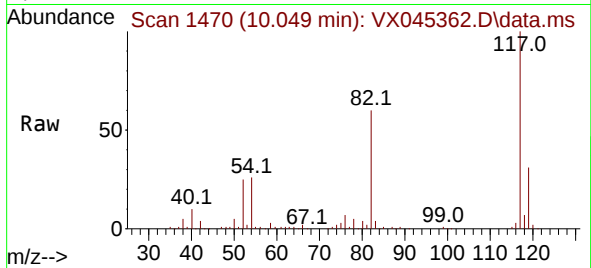




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 126510
Ion Ratio Lower Upper
117 100
82 59.8 46.3 69.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion:152 Resp: 51157
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 157.7 0.0 349.0

