

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045905.D
 Acq On : 23 Apr 2025 12:18
 Operator : JC/MD
 Sample : Q1837-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 24 02:14:21 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	5.544	168	67351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66485	53.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	48361	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.647	98	166196	49.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	61647	50.841	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.680%	

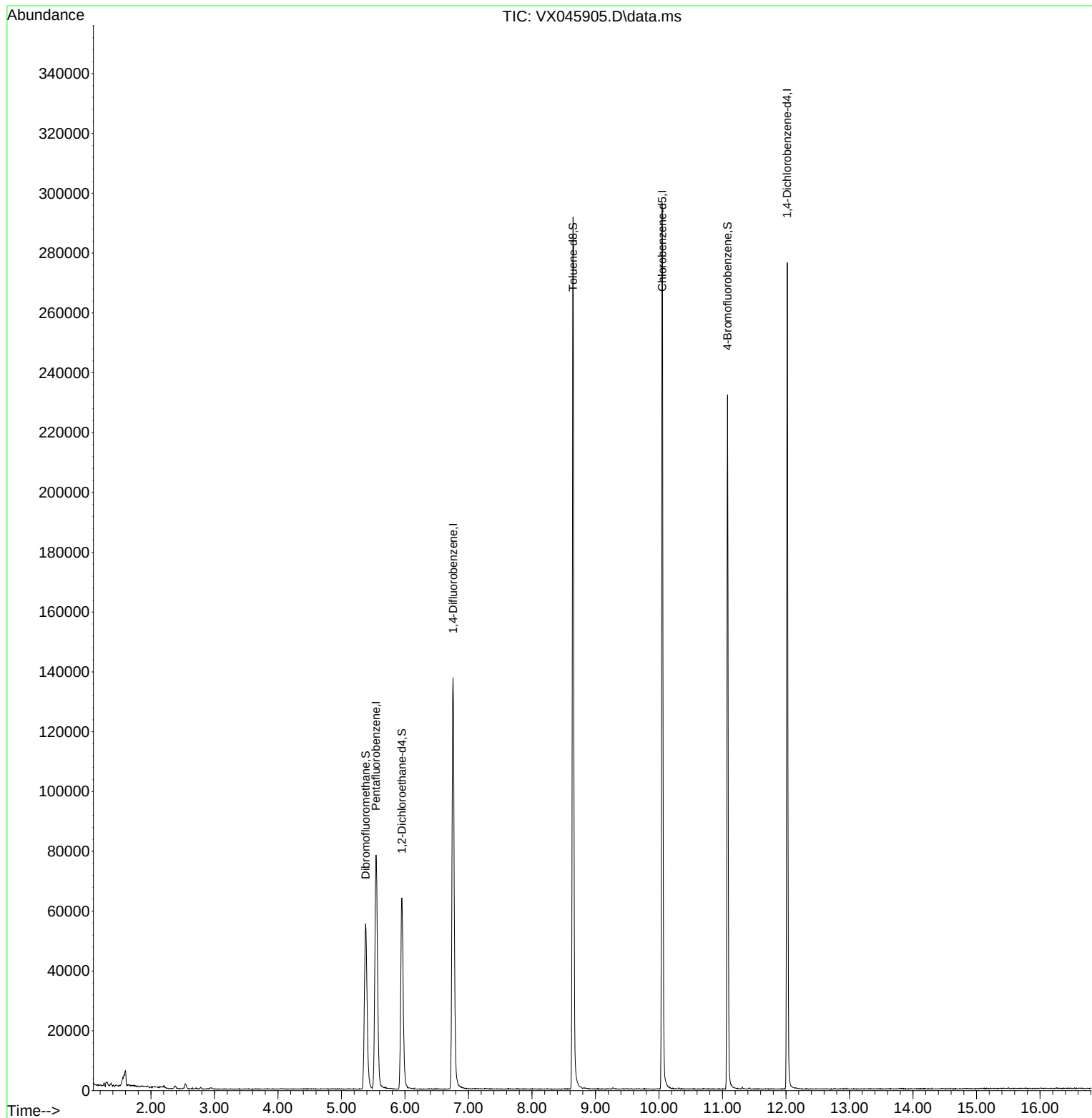
Target Compounds	Qvalue

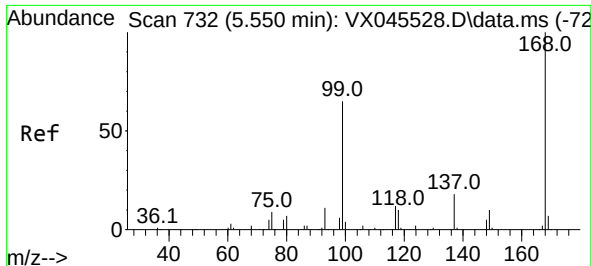
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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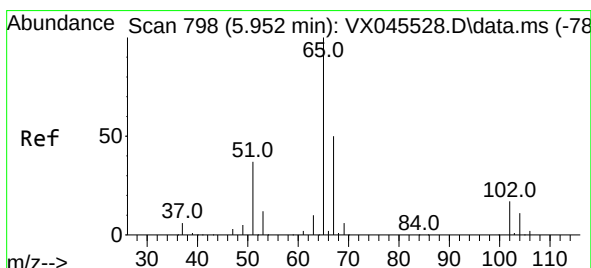
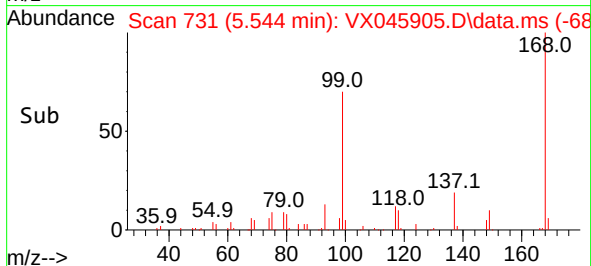
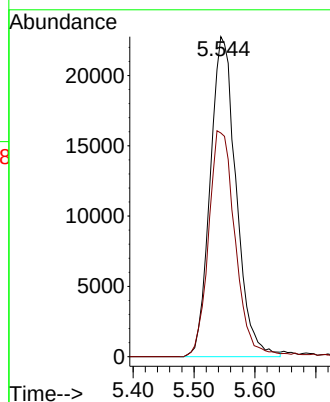
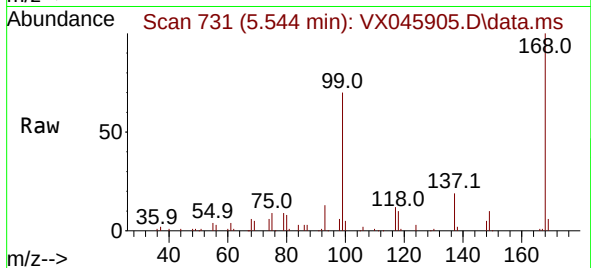




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

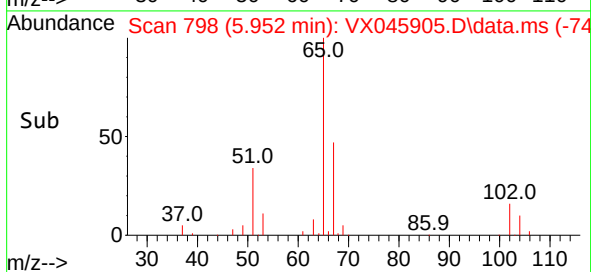
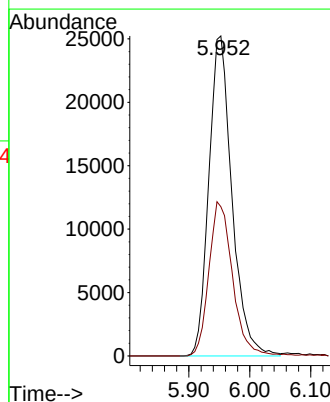
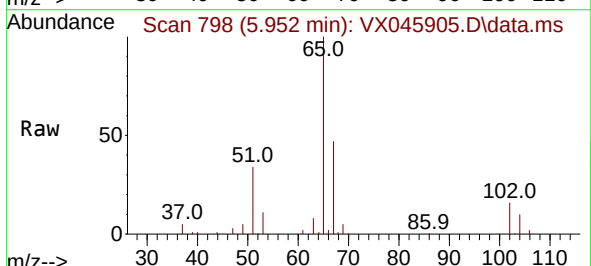
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

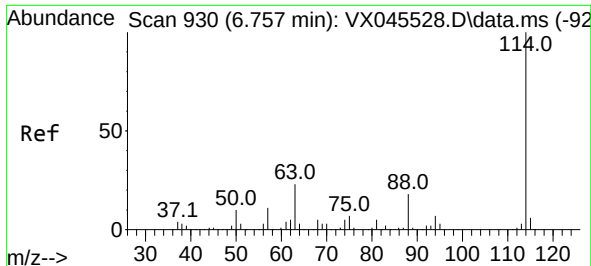
Tgt Ion:168 Resp: 67351
Ion Ratio Lower Upper
168 100
99 69.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 65 Resp: 66485
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

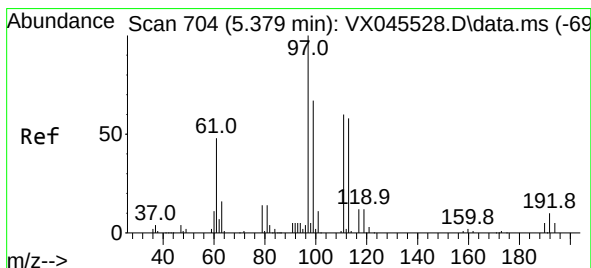
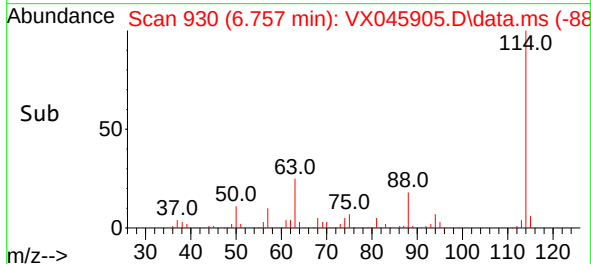
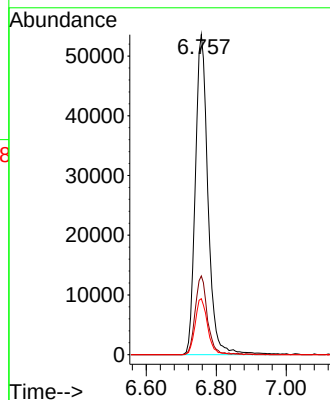
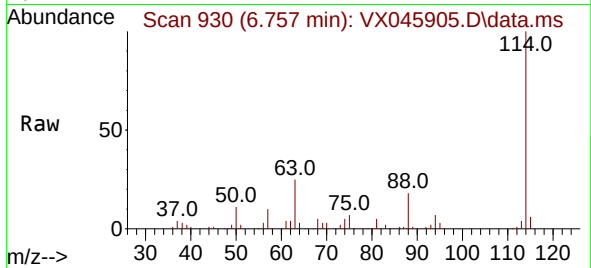




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

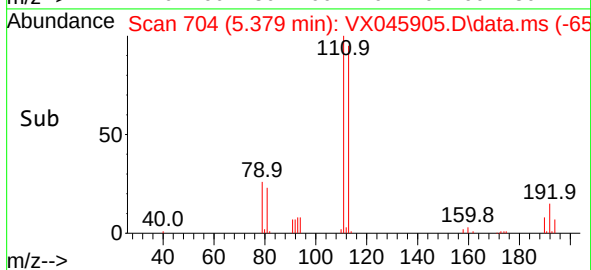
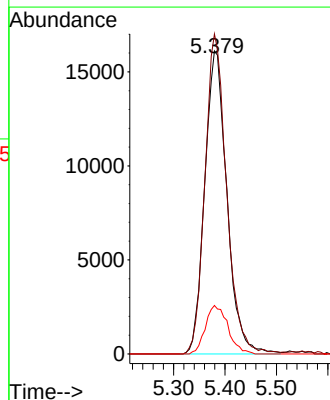
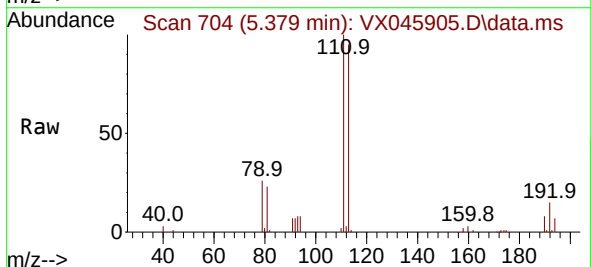
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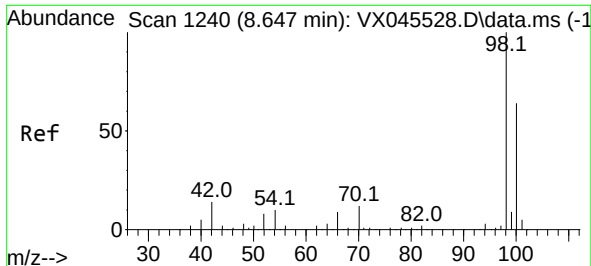
Tgt Ion:114 Resp: 134421
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion:113 Resp: 48361
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.3 13.8 20.6

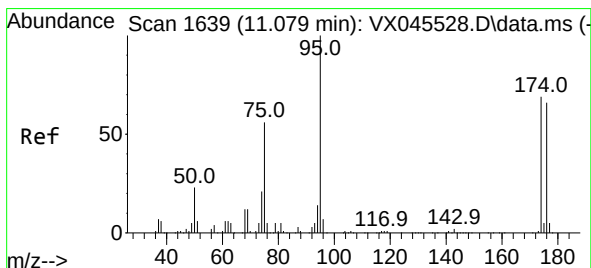
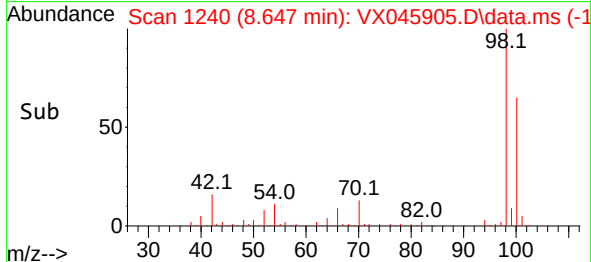
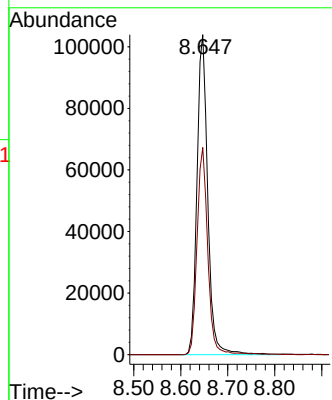
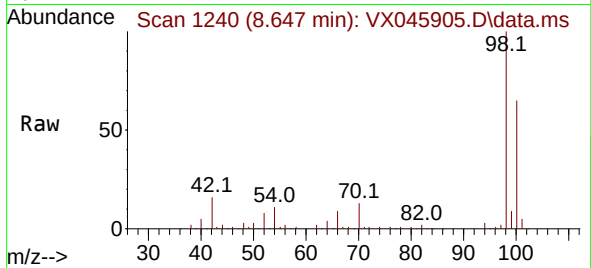




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

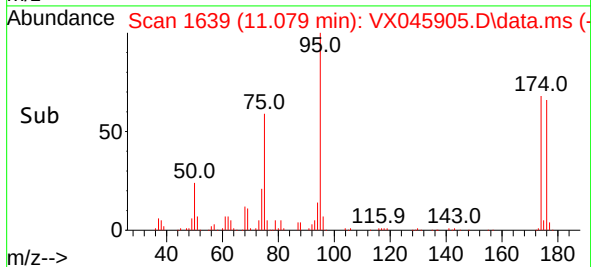
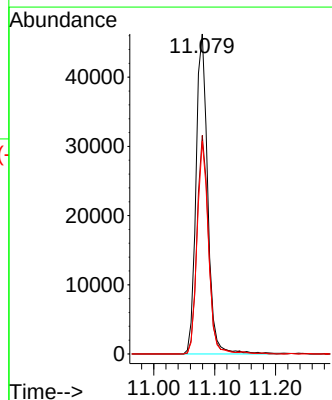
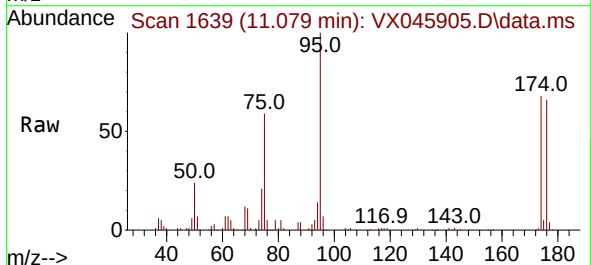
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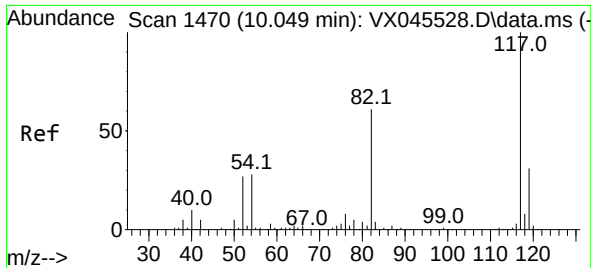
Tgt Ion: 98 Resp: 166196
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 95 Resp: 61647
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.1 0.0 131.4

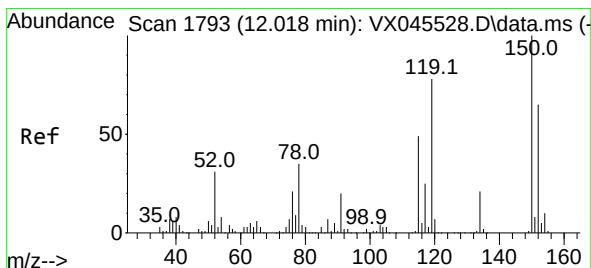
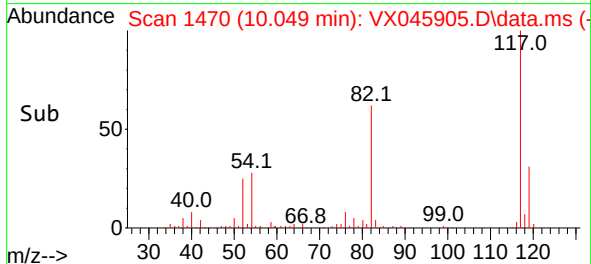
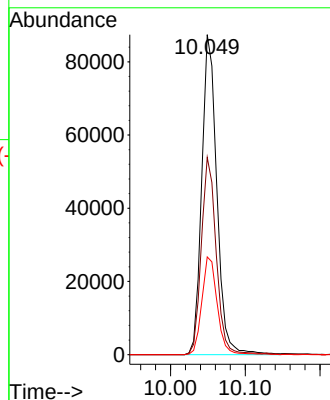
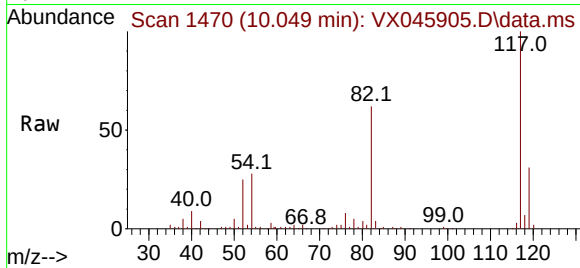




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 122584
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 30.6 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: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion:152 Resp: 50851
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 157.7 0.0 349.4

