

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044842.D
 Acq On : 05 Feb 2025 14:40
 Operator : JC/MD
 Sample : Q1268-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 06 04:39:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69558	47.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.860%
35) Dibromofluoromethane	5.379	113	61570	50.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	8.647	98	230475	54.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.200%
62) 4-Bromofluorobenzene	11.079	95	76921	48.879	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.760%

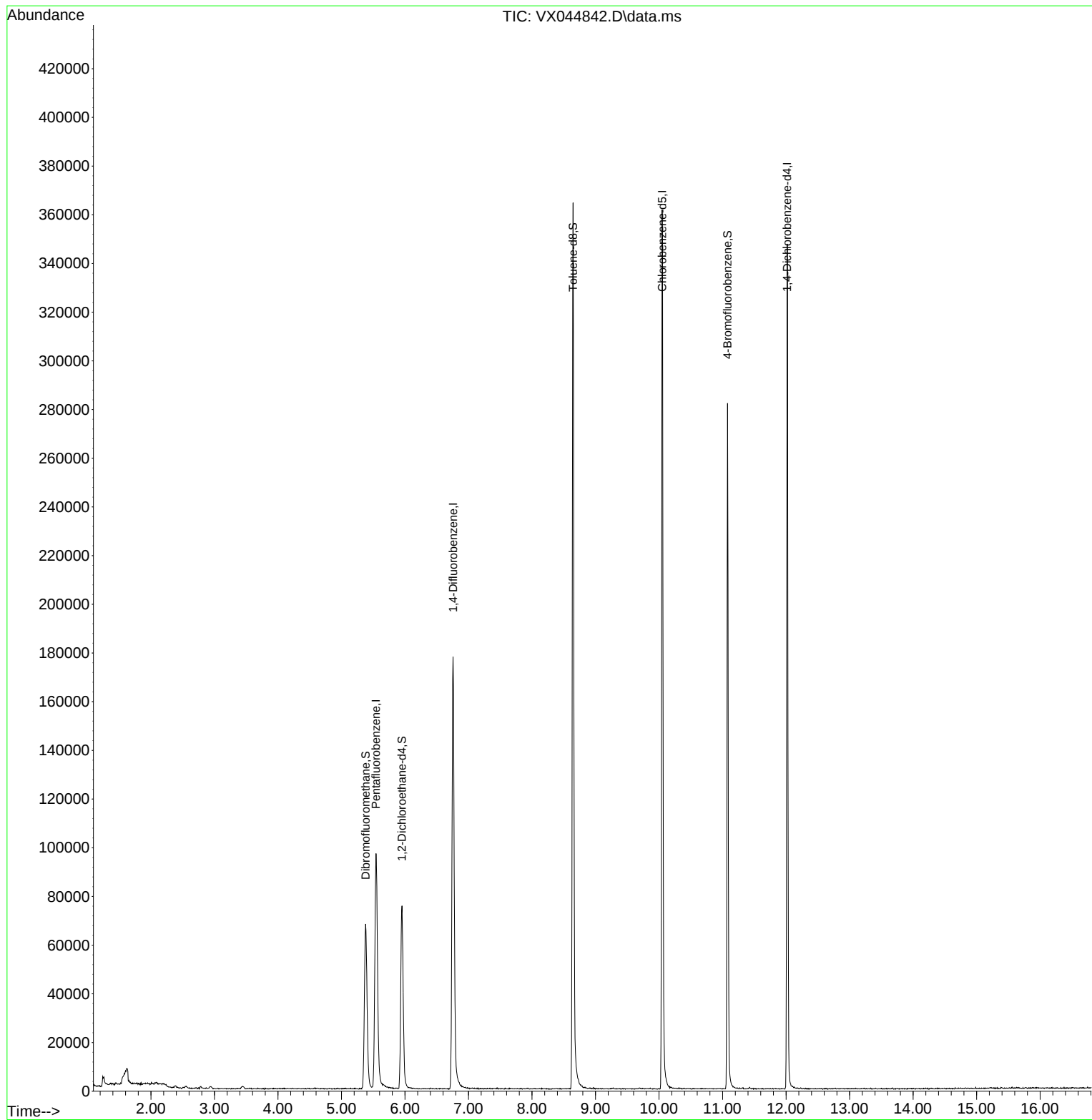
Target Compounds	Qvalue

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

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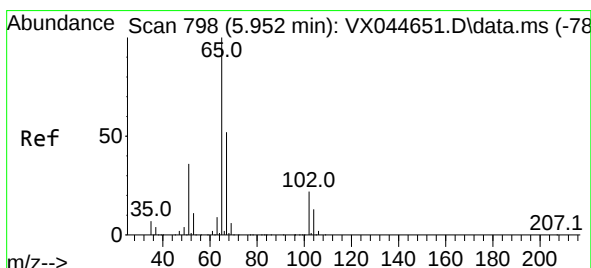
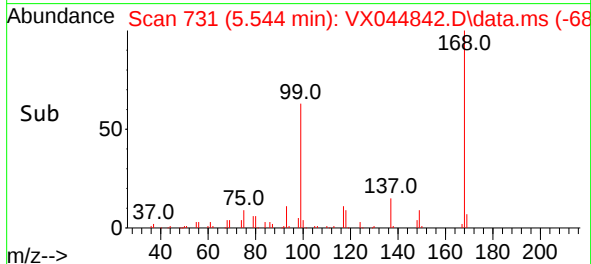
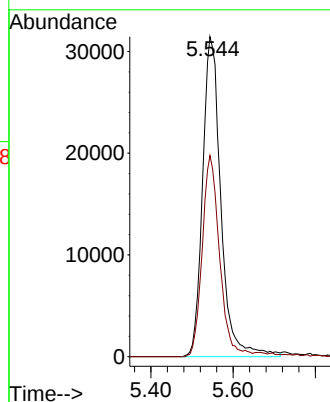
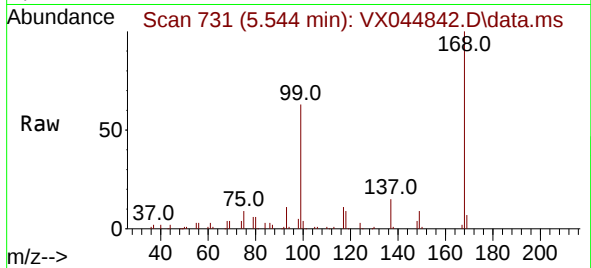




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

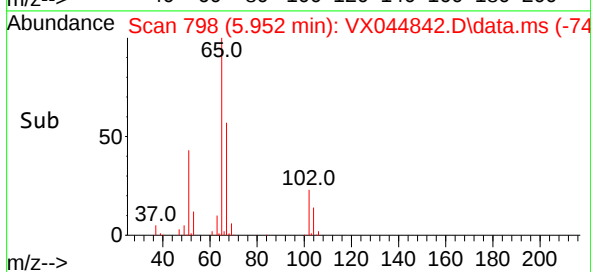
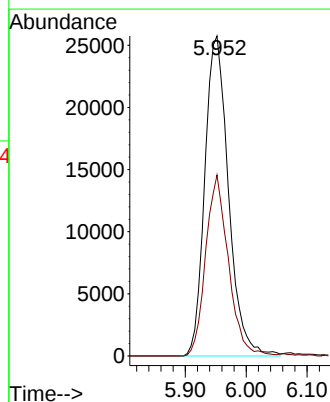
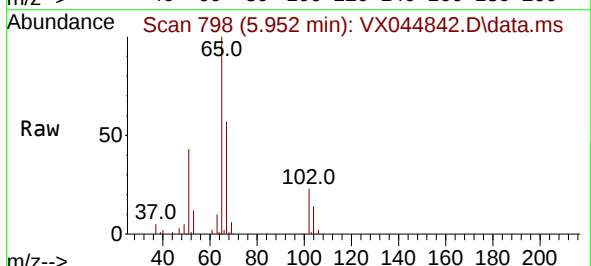
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

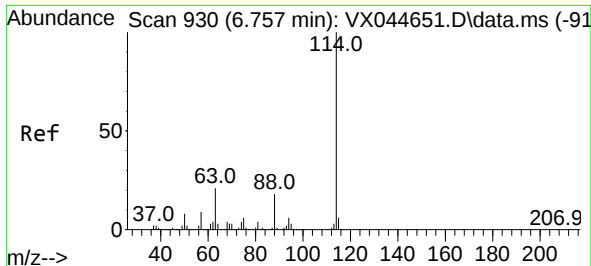
Tgt Ion:168 Resp: 97156
Ion Ratio Lower Upper
168 100
99 62.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 47.431 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 65 Resp: 69558
Ion Ratio Lower Upper
65 100
67 54.3 0.0 103.4

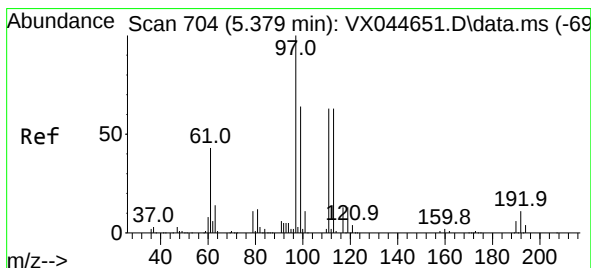
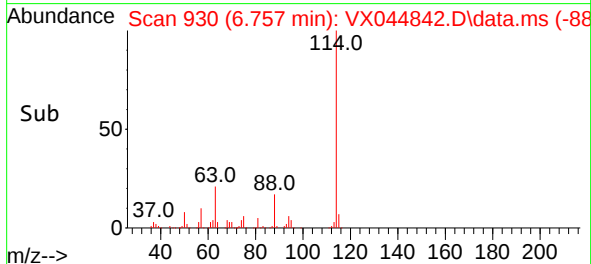
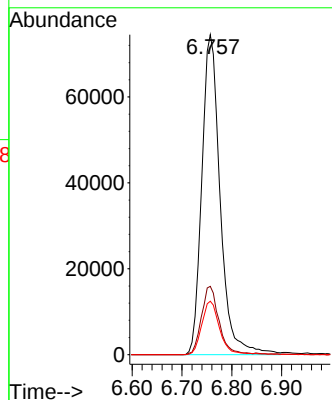
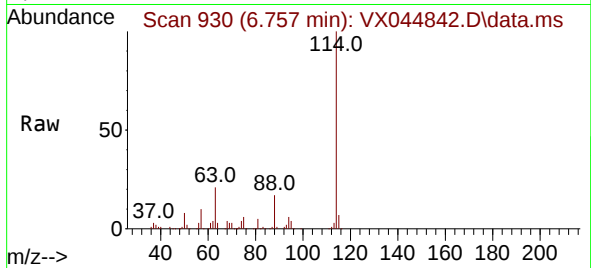




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

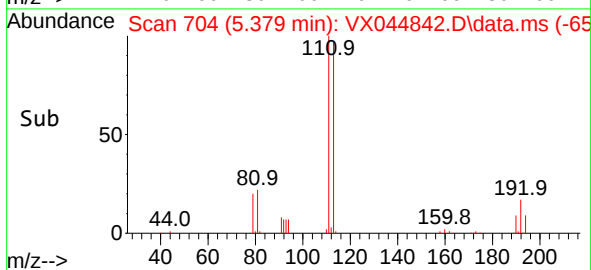
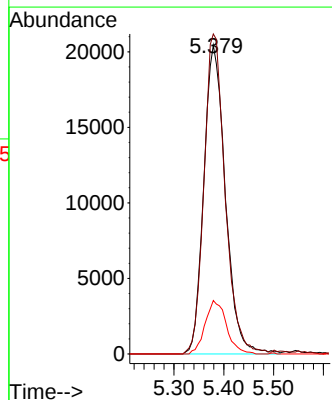
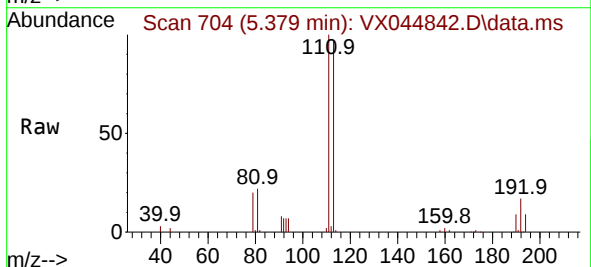
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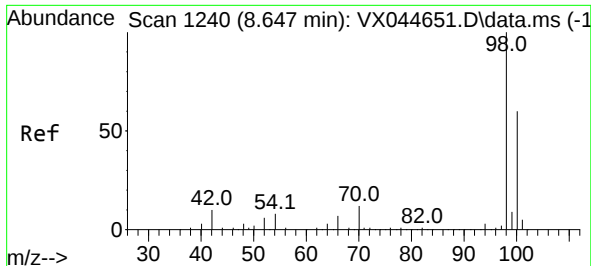
Tgt Ion:114 Resp: 190573
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.856 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:113 Resp: 61570
Ion Ratio Lower Upper
113 100
111 101.2 81.6 122.4
192 17.0 14.4 21.6

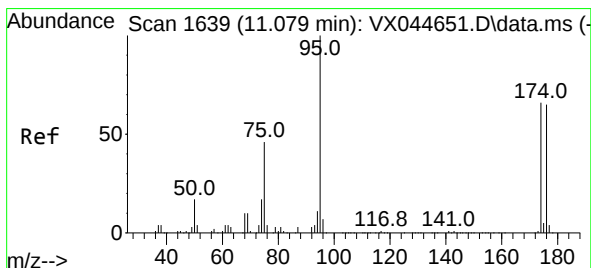
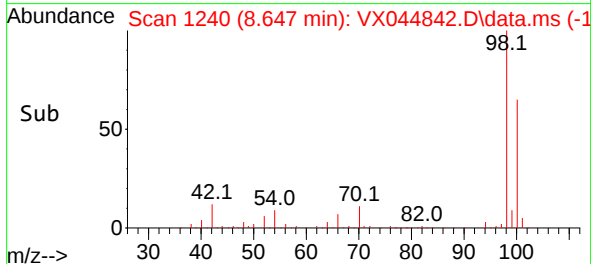
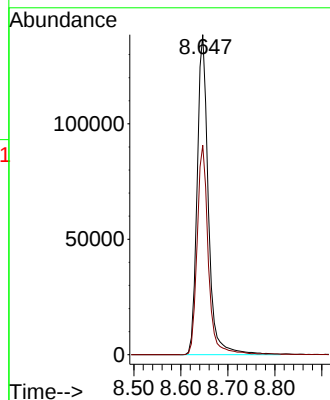
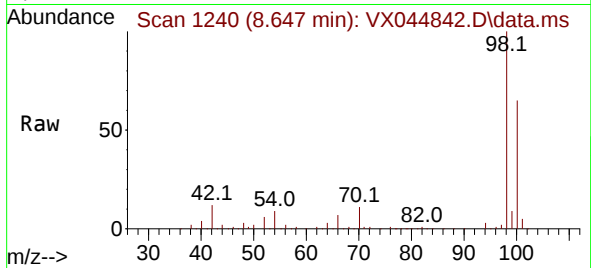




#50
Toluene-d8
Concen: 54.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

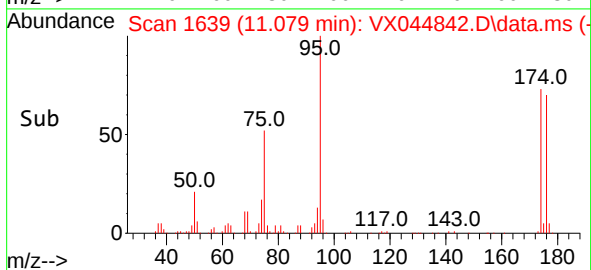
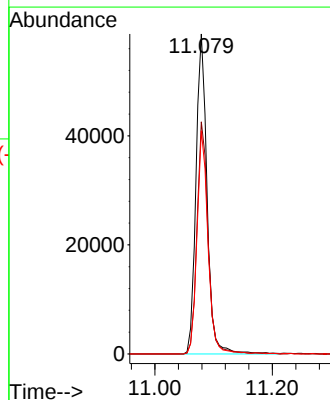
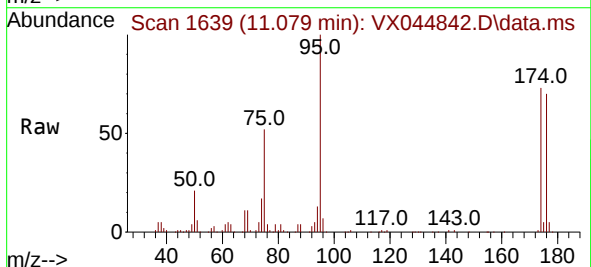
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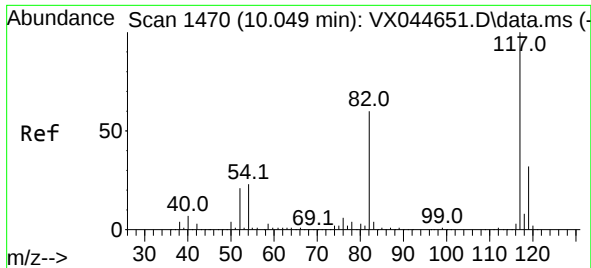
Tgt Ion: 98 Resp: 230475
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 95 Resp: 76921
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.0
176 68.8 0.0 129.4

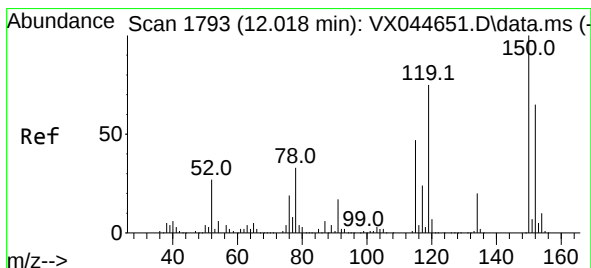
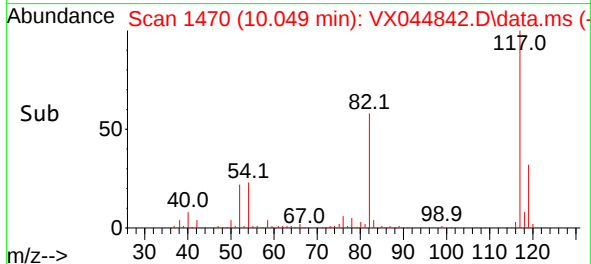
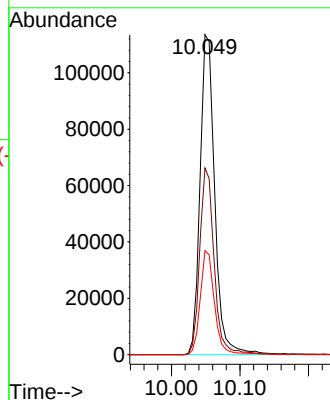
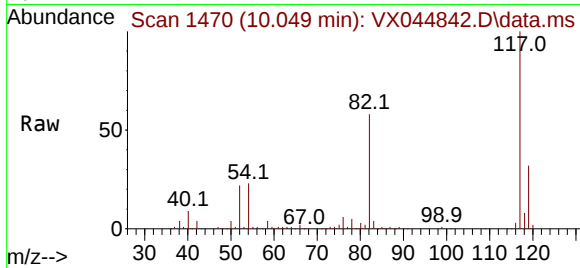




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

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

Tgt Ion:117 Resp: 169809
Ion Ratio Lower Upper
117 100
82 58.3 47.6 71.4
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:152 Resp: 67577
Ion Ratio Lower Upper
152 100
115 62.3 43.8 131.4
150 160.1 0.0 347.8

