

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045062.D
 Acq On : 27 Feb 2025 14:55
 Operator : JC/MD
 Sample : Q1403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 28 00:43:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	38611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	103235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	100796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40714	72.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	144.080%#
35) Dibromofluoromethane	5.379	113	36825	54.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.720%
50) Toluene-d8	8.647	98	115112	45.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	11.079	95	45952	53.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.400%

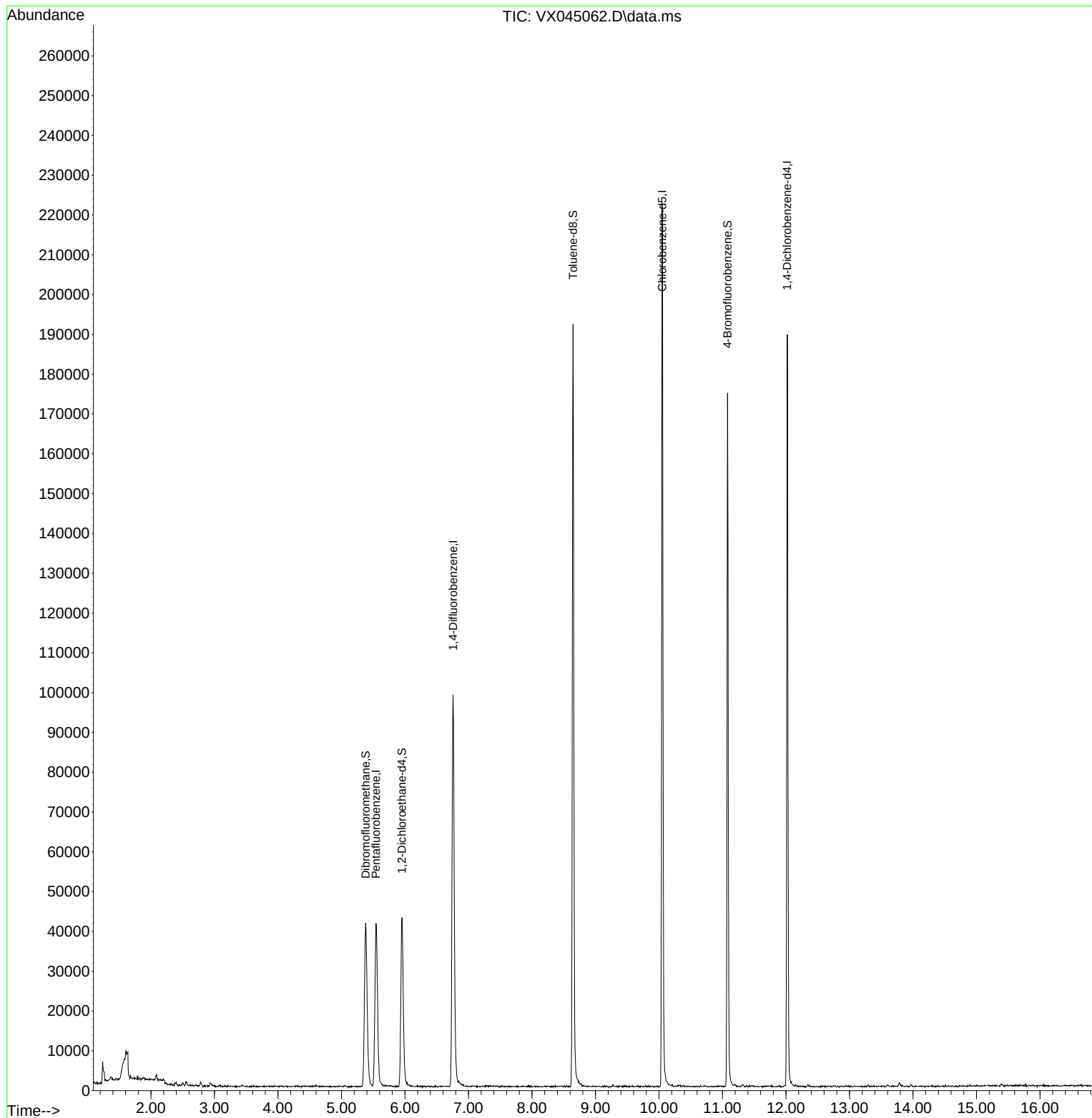
Target Compounds	Qvalue

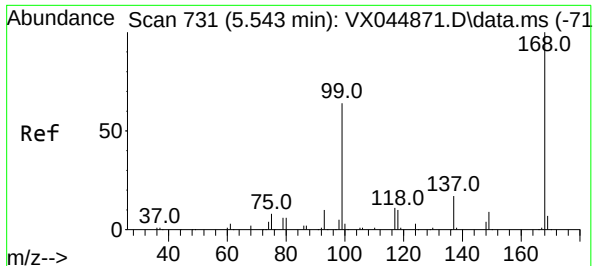
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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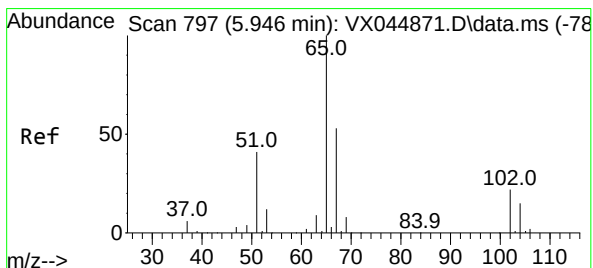
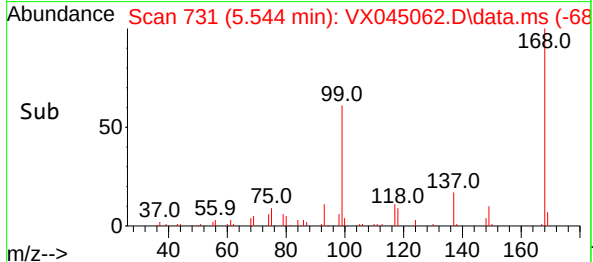
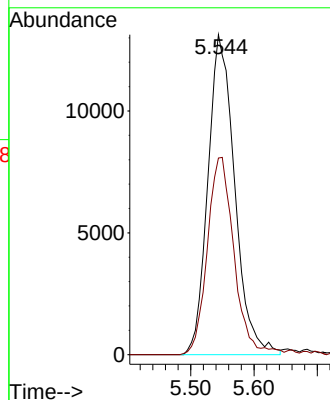
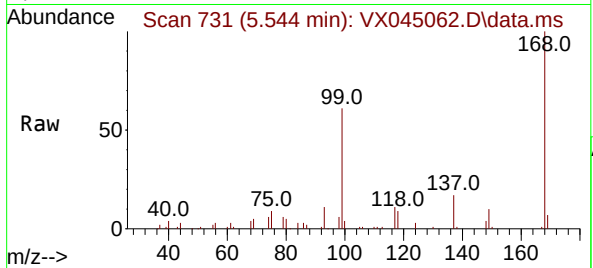




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

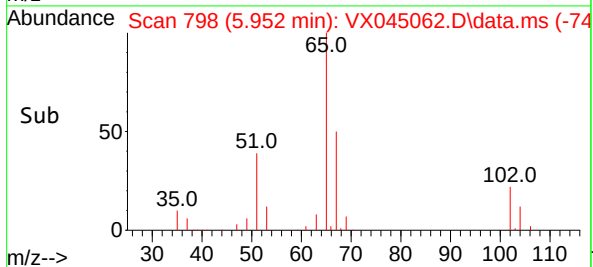
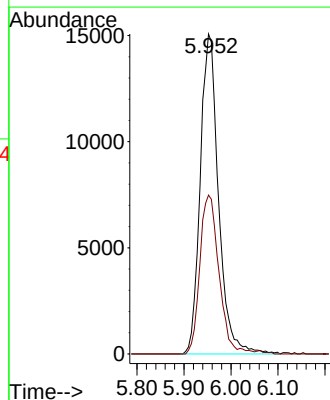
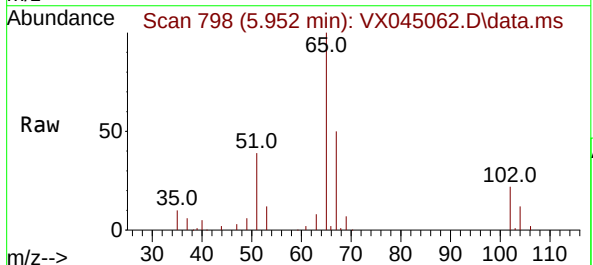
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

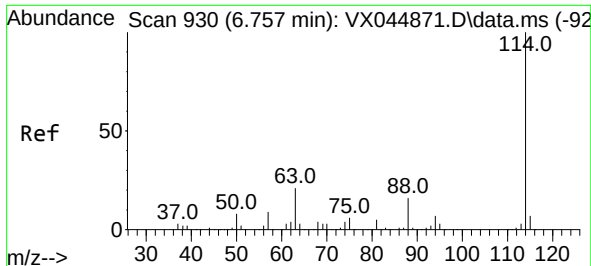
Tgt Ion:168 Resp: 38611
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 72.035 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 65 Resp: 40714
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2

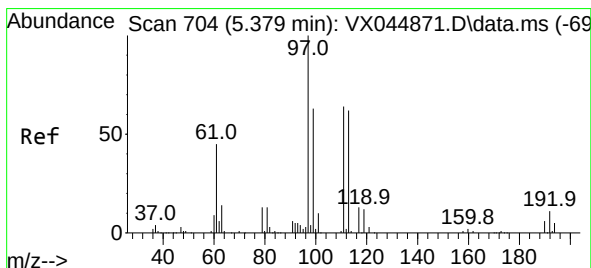
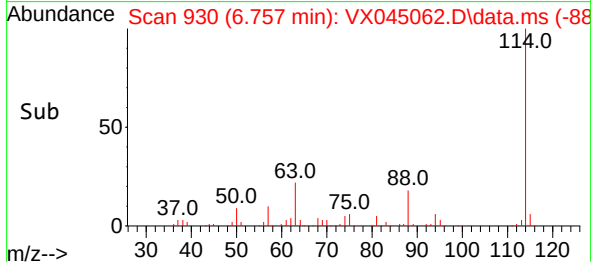
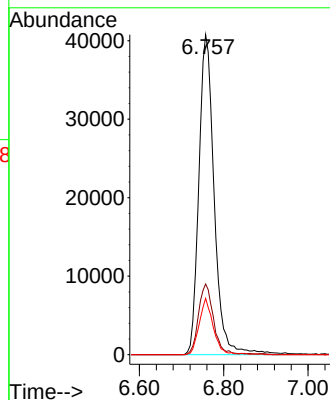
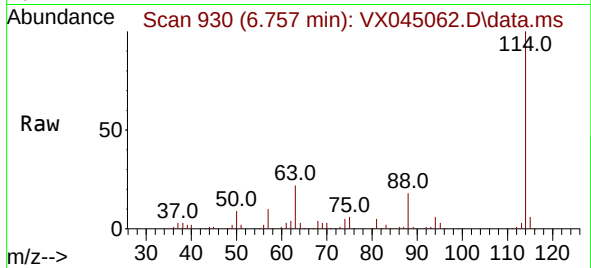




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

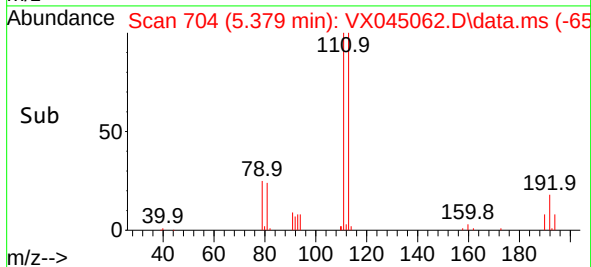
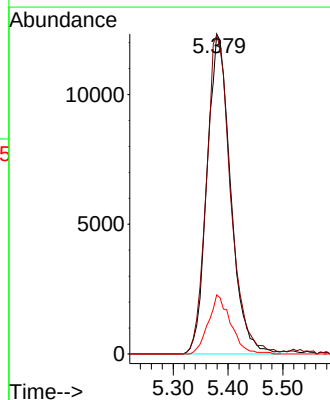
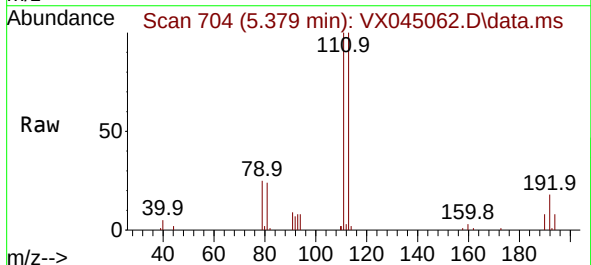
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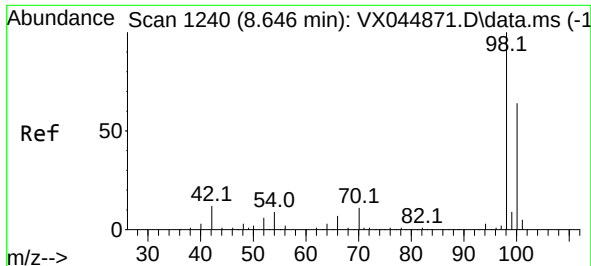
Tgt Ion:114 Resp: 103235
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 17.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.864 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion:113 Resp: 36825
Ion Ratio Lower Upper
113 100
111 102.0 83.5 125.3
192 17.6 14.4 21.6

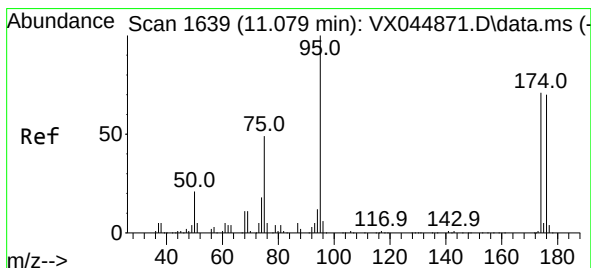
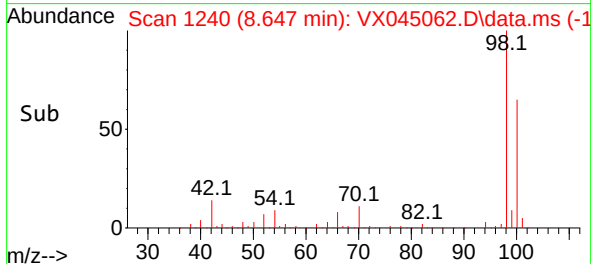
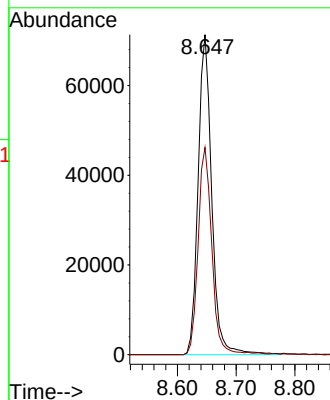
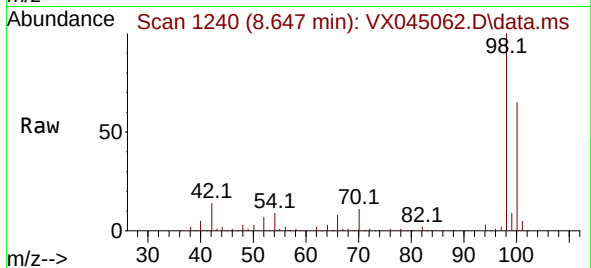




#50
Toluene-d8
Concen: 45.354 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

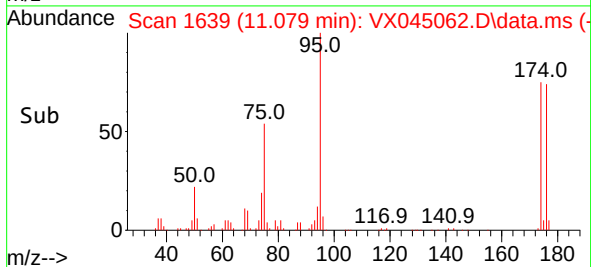
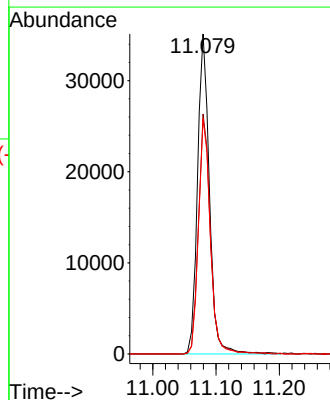
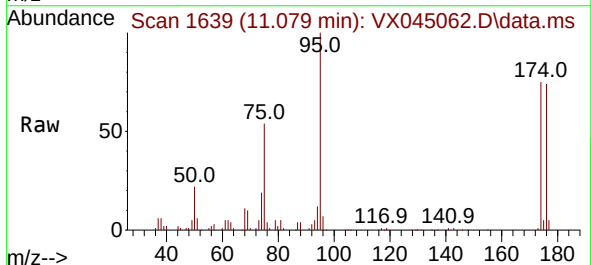
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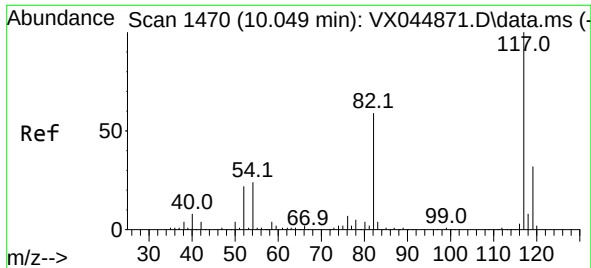
Tgt Ion: 98 Resp: 115112
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion: 95 Resp: 45952
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 73.4 0.0 141.6

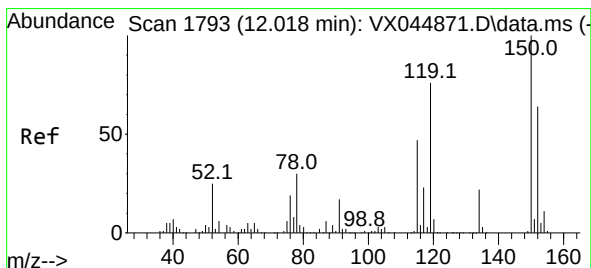
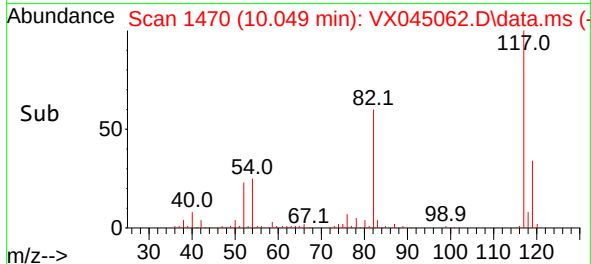
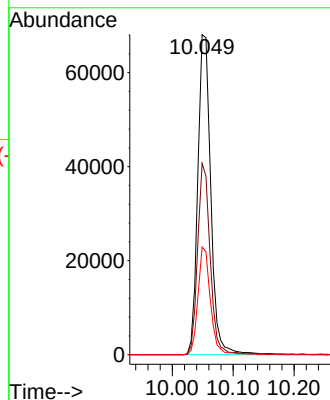
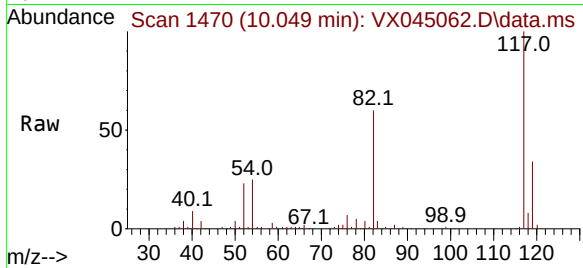




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

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

Tgt Ion:117 Resp: 100796
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 33.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045062.D
Acq: 27 Feb 2025 14:55

Tgt Ion:152 Resp: 38343
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.1
150 156.8 0.0 350.4

