

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045178.D
 Acq On : 06 Mar 2025 18:59
 Operator : JC/MD
 Sample : Q1494-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Quant Time: Mar 07 00:50:06 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)

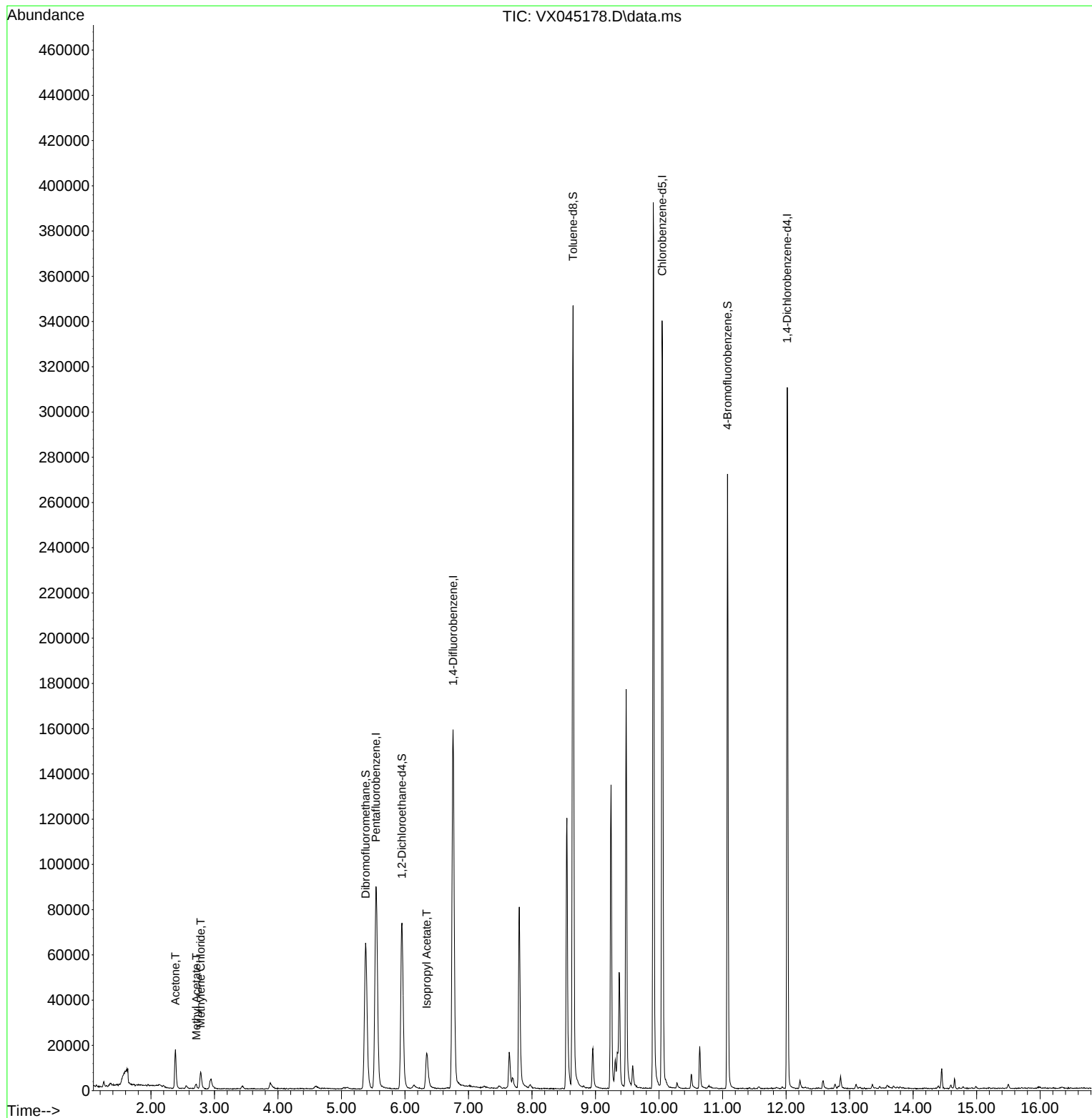
Internal Standards						
1) Pentafluorobenzene	5.544	168	83573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70432	52.982	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	105.960%	
35) Dibromofluoromethane	5.379	113	55647	50.660	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.320%	
50) Toluene-d8	8.647	98	205322	51.560	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.120%	
62) 4-Bromofluorobenzene	11.079	95	67974	51.512	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	103.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	17885	28.997	ug/l	97
18) Methyl Acetate	2.715	43	3074	2.072	ug/l #	87
20) Methylene Chloride	2.782	84	3297	2.699	ug/l	96
43) Isopropyl Acetate	6.342	43	23463	8.174	ug/l	98

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

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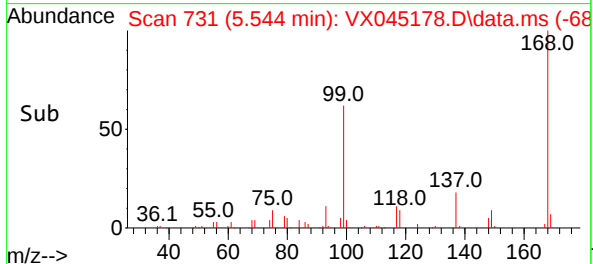
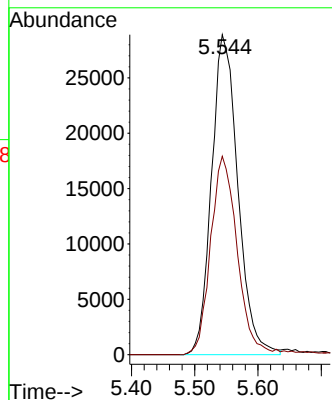
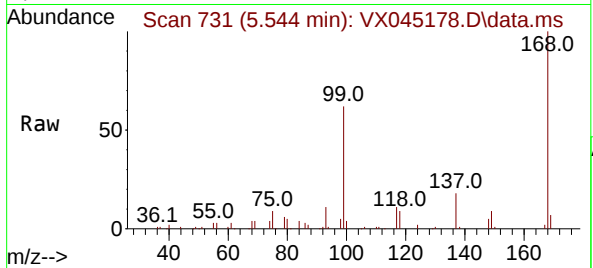




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

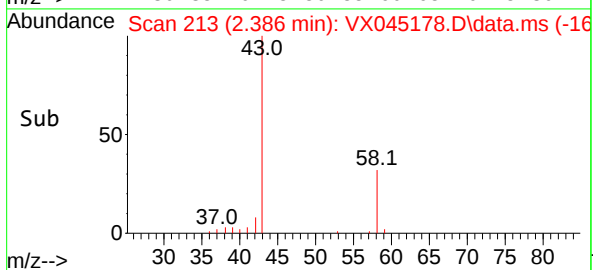
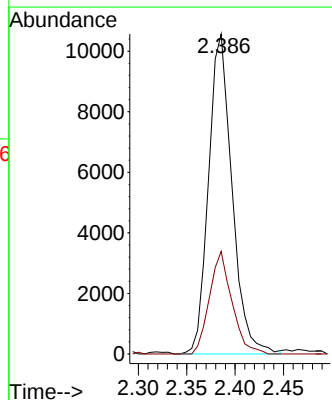
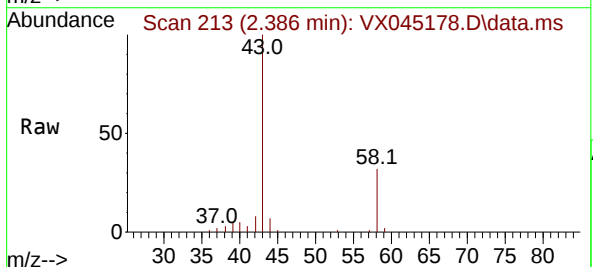
Instrument :
MSVOA_X
ClientSampleId :
SOIL

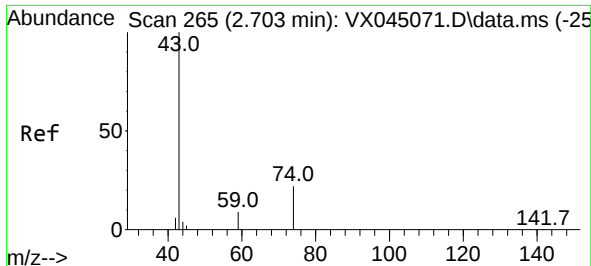
Tgt Ion:168 Resp: 83573
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#16
Acetone
Concen: 28.997 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

Tgt Ion: 43 Resp: 17885
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.4

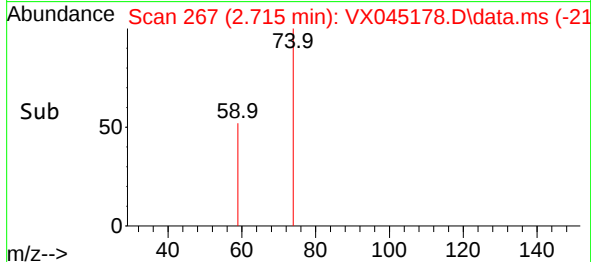
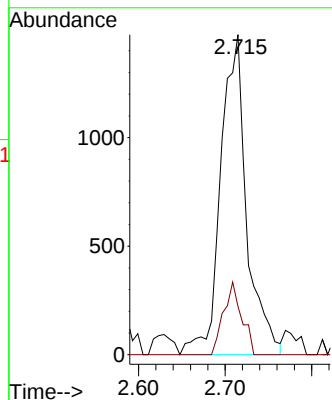
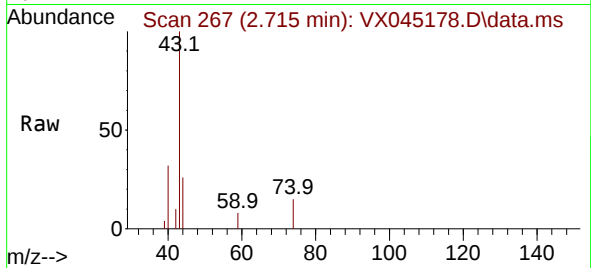




#18
Methyl Acetate
Concen: 2.072 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

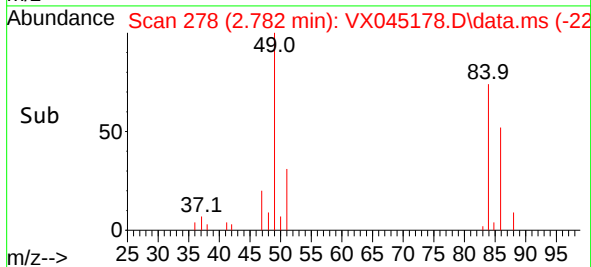
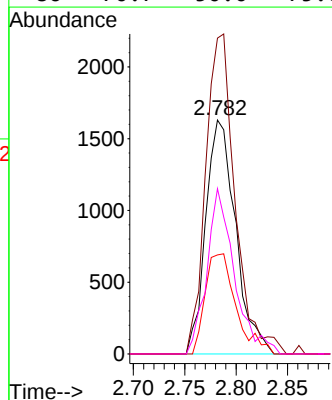
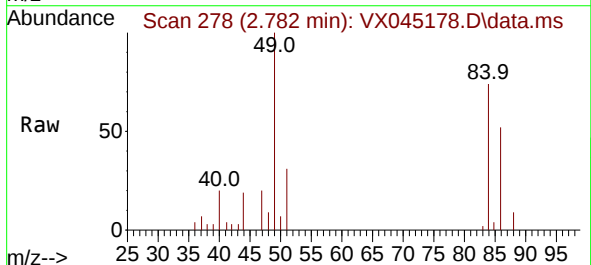
Instrument :
MSVOA_X
ClientSampleId :
SOIL

Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
74 15.8 17.4 26.2#



#20
Methylene Chloride
Concen: 2.699 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

Tgt Ion: 84 Resp: 3297
Ion Ratio Lower Upper
84 100
49 135.0 106.5 159.7
51 42.3 32.1 48.1
86 70.7 50.0 75.0

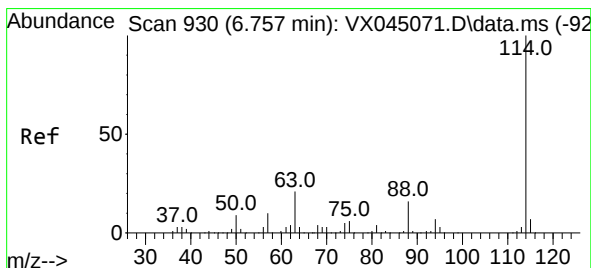
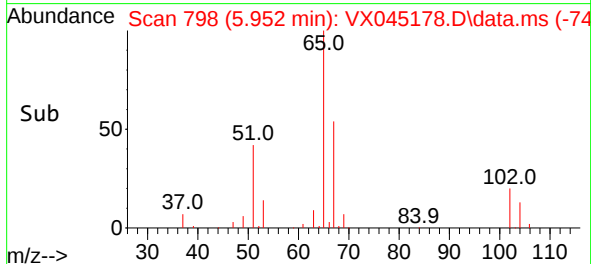
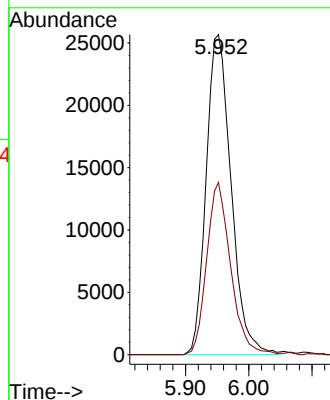
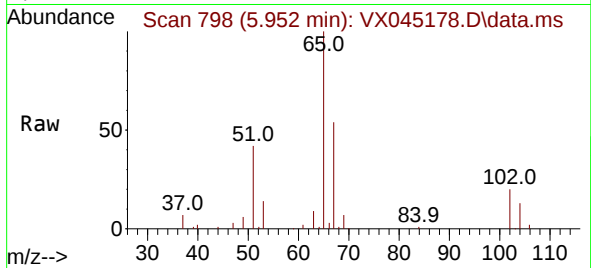




#33
 1,2-Dichloroethane-d4
 Concen: 52.982 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045178.D
 Acq: 06 Mar 2025 18:59

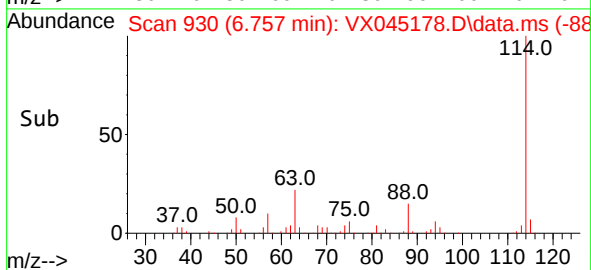
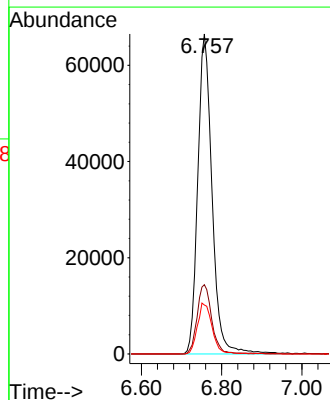
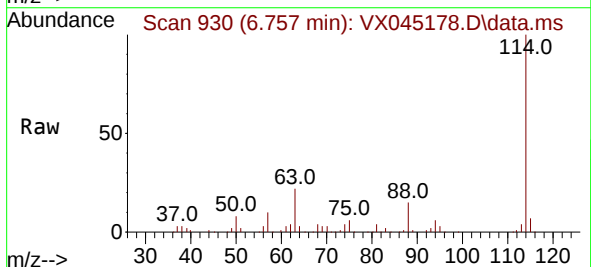
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

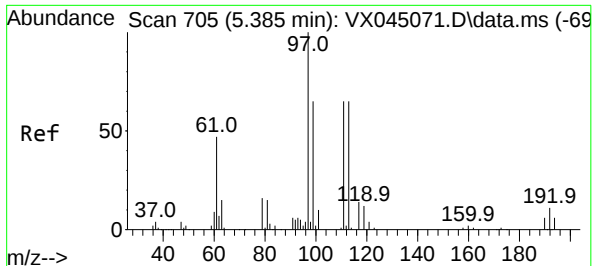
Tgt Ion: 65 Resp: 70432
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045178.D
 Acq: 06 Mar 2025 18:59

Tgt Ion: 114 Resp: 164270
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 15.3 0.0 32.8

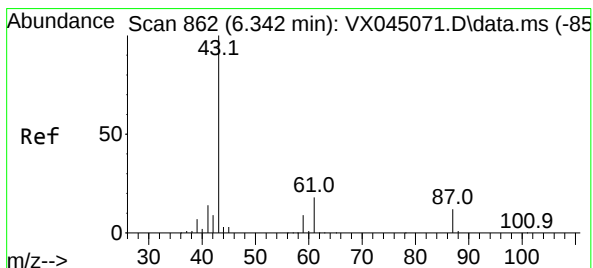
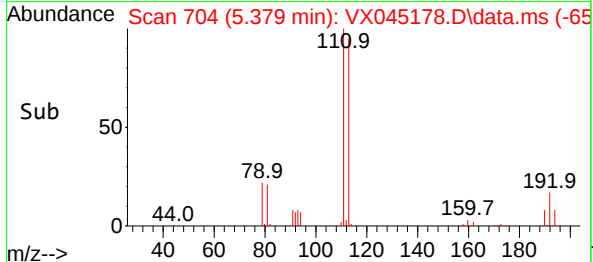
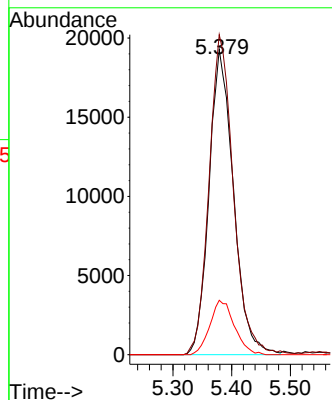
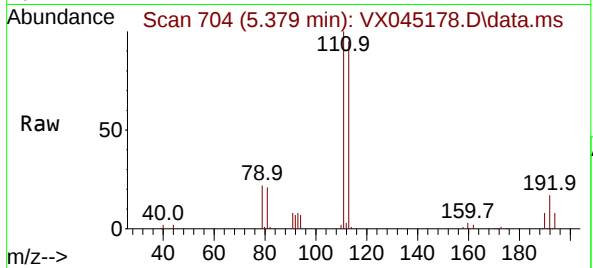




#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

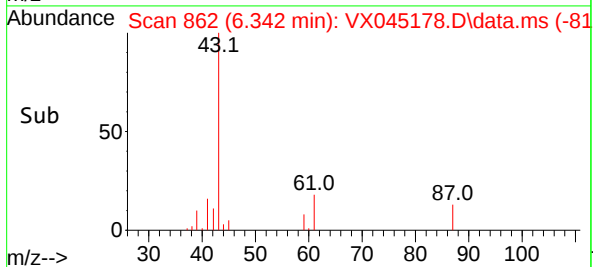
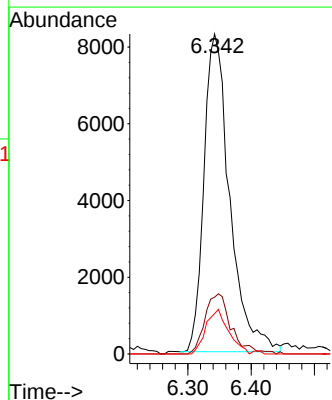
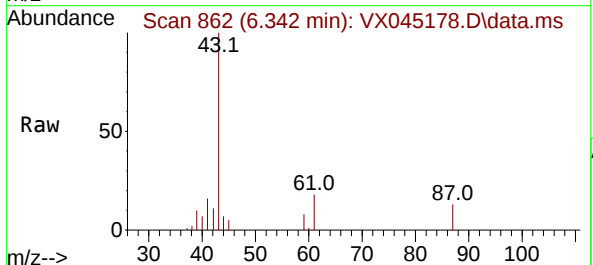
Instrument :
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ClientSampleId :
SOIL

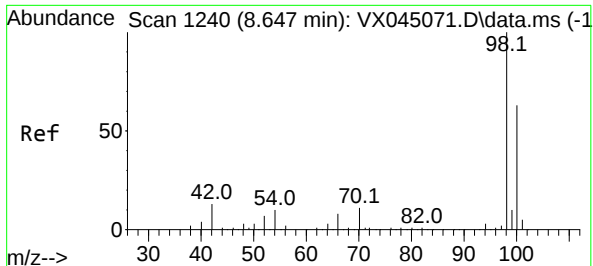
Tgt Ion:113 Resp: 55647
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.6
192 17.9 14.3 21.5



#43
Isopropyl Acetate
Concen: 8.174 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

Tgt Ion: 43 Resp: 23463
Ion Ratio Lower Upper
43 100
61 19.4 14.9 22.3
87 12.3 9.4 14.2

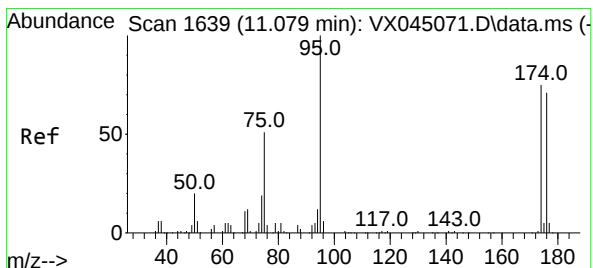
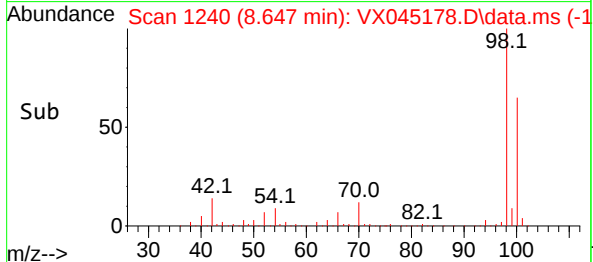
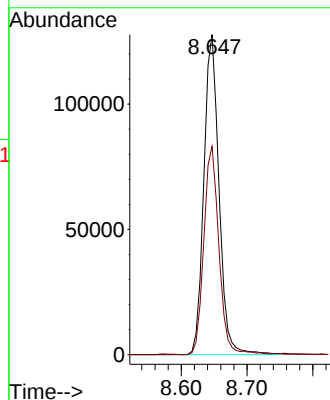
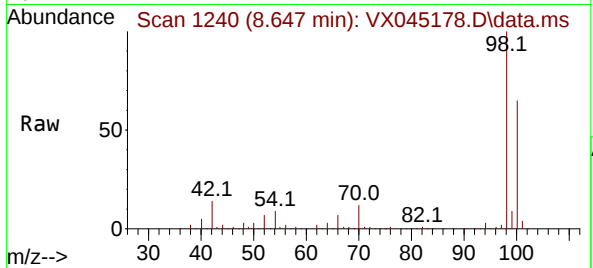




#50
Toluene-d8
Concen: 51.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

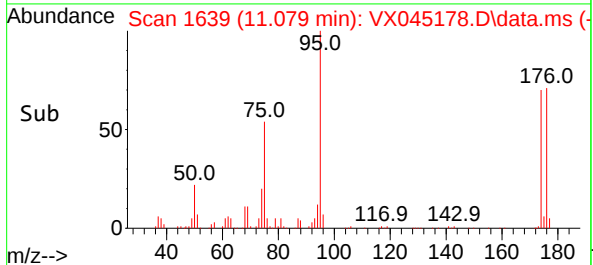
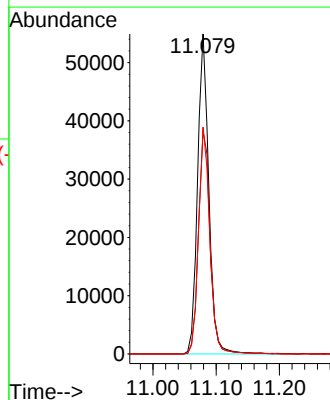
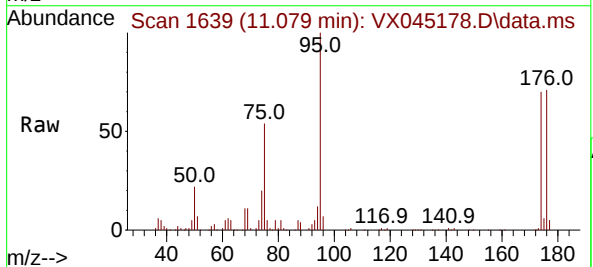
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MSVOA_X
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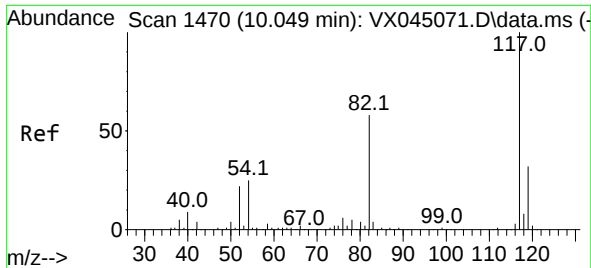
Tgt Ion: 98 Resp: 205322
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

Tgt Ion: 95 Resp: 67974
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.2
176 71.4 0.0 141.4

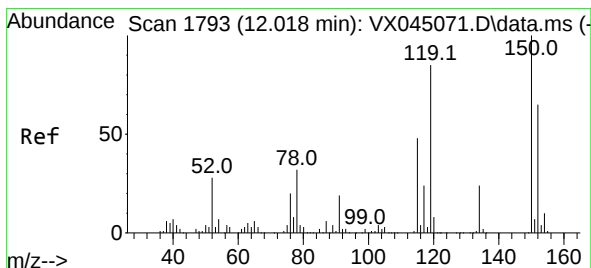
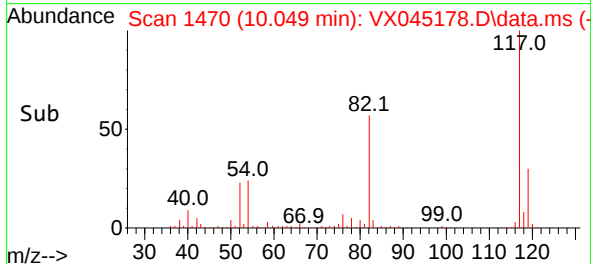
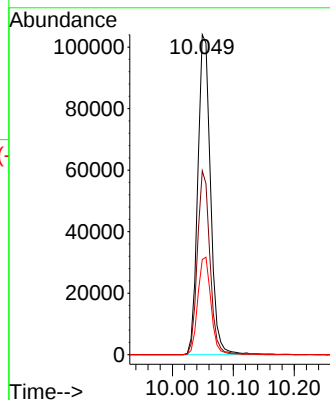
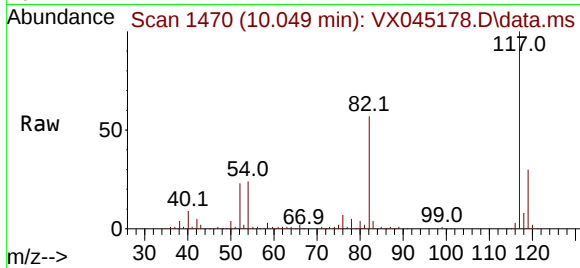




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045178.D
Acq: 06 Mar 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
SOIL

Tgt Ion:117 Resp: 150977
Ion Ratio Lower Upper
117 100
82 57.4 46.3 69.5
119 29.8 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: VX045178.D
Acq: 06 Mar 2025 18:59

Tgt Ion:152 Resp: 59887
Ion Ratio Lower Upper
152 100
115 63.2 44.2 132.6
150 158.4 0.0 349.0

