

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045847.D
 Acq On : 18 Apr 2025 11:05
 Operator : JC/MD
 Sample : Q1821-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTING

Quant Time: Apr 19 00:50:21 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)

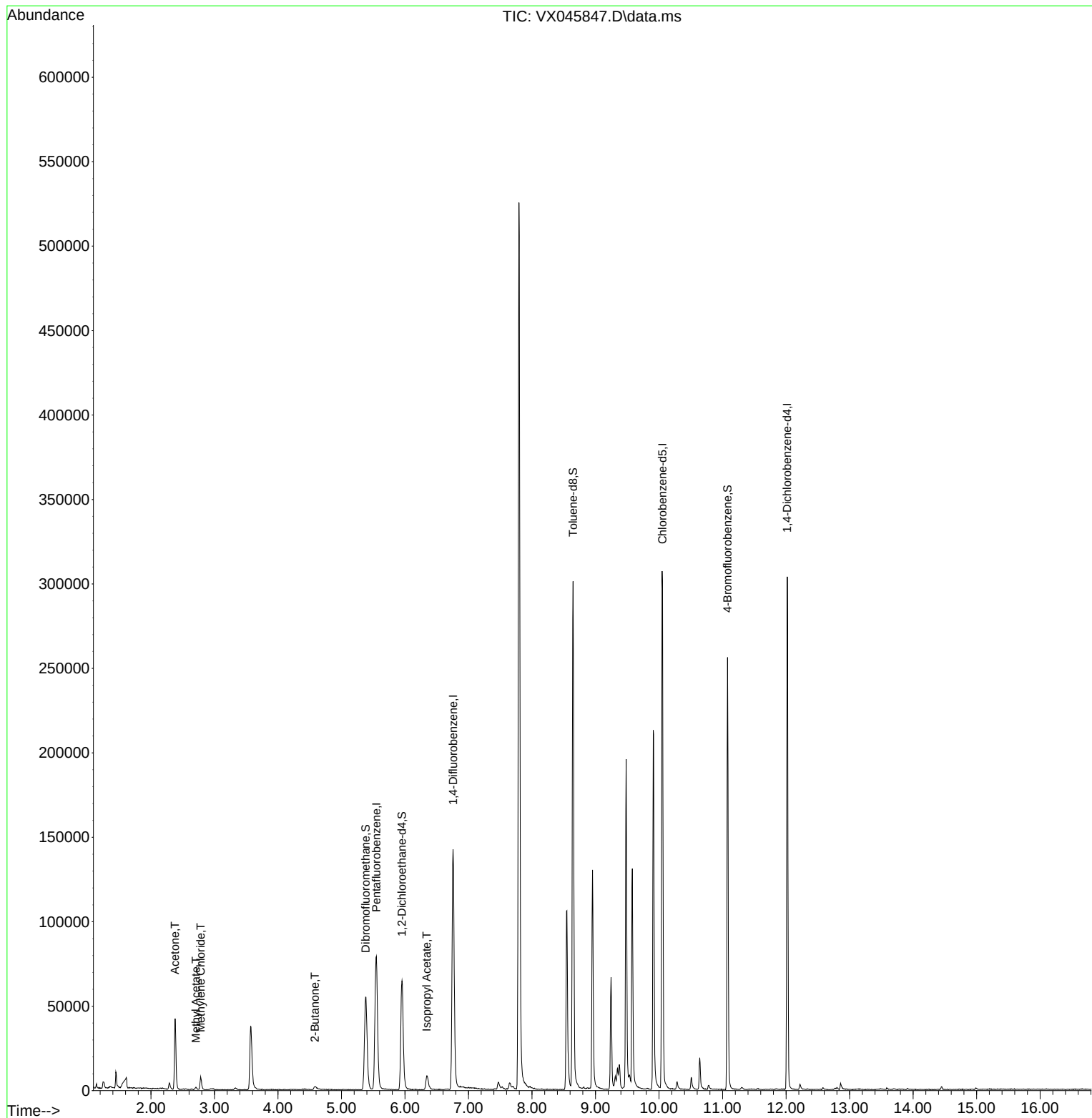
Internal Standards						
1) Pentafluorobenzene	5.550	168	69658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66796	52.436	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.880%
35) Dibromofluoromethane	5.379	113	47769	49.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.647	98	171867	51.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	11.079	95	65972	53.892	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.780%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	45064	86.151	ug/l	99
18) Methyl Acetate	2.709	43	1916	1.591	ug/l	94
20) Methylene Chloride	2.782	84	3085	3.150	ug/l	98
25) 2-Butanone	4.580	43	5223	6.821	ug/l #	87
43) Isopropyl Acetate	6.342	43	12906	5.197	ug/l	97

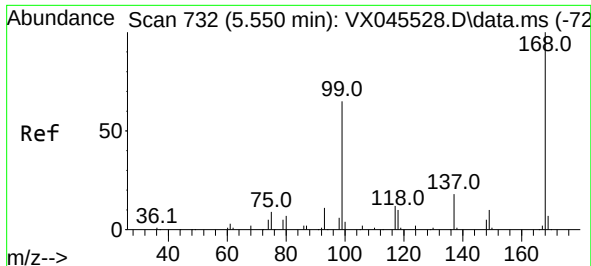
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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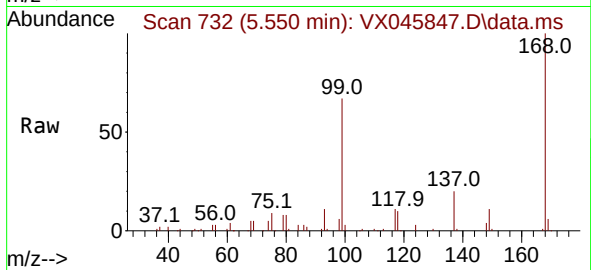
Quant Time: Apr 19 00:50:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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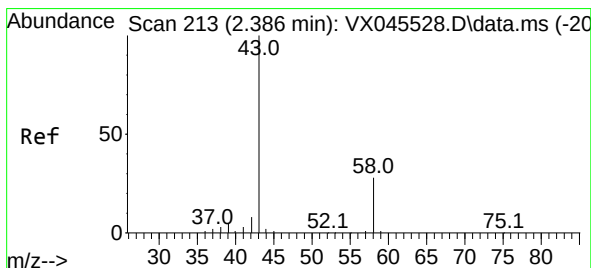
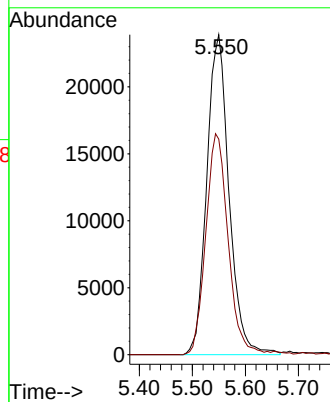
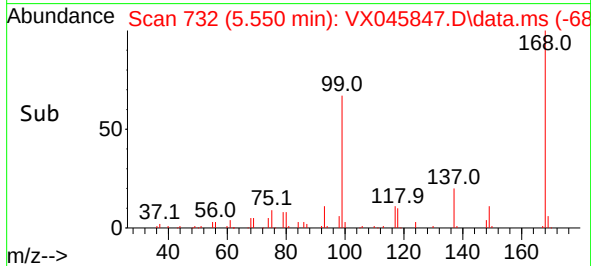


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTING

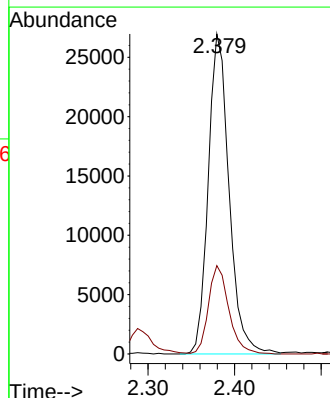
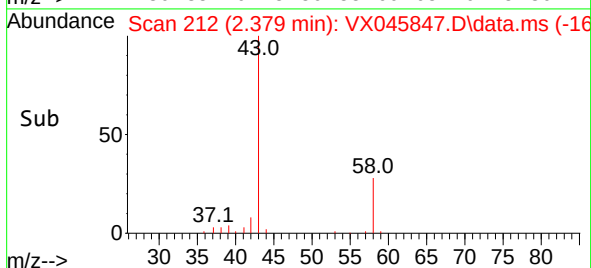
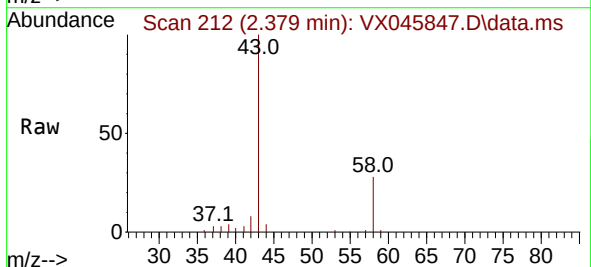


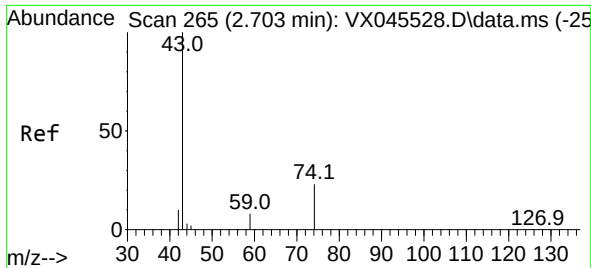
Tgt Ion:168 Resp: 69658
Ion Ratio Lower Upper
168 100
99 67.3 52.3 78.5



#16
Acetone
Concen: 86.151 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 43 Resp: 45064
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5

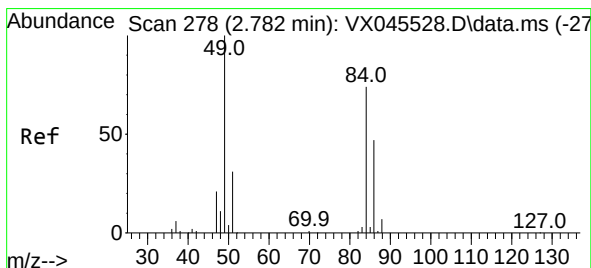
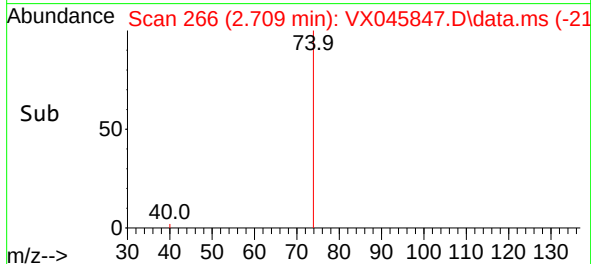
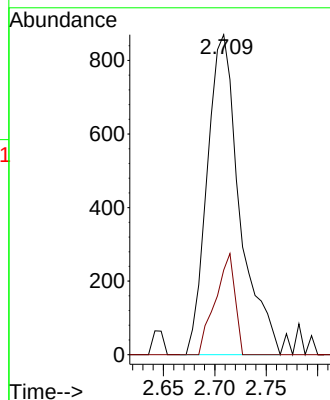
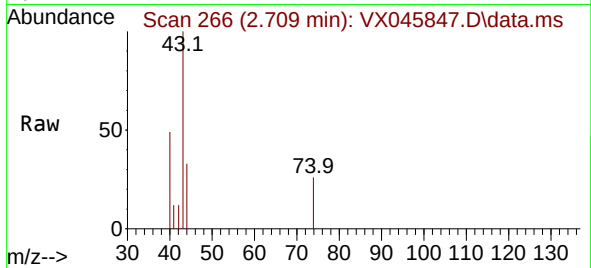




#18
Methyl Acetate
Concen: 1.591 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

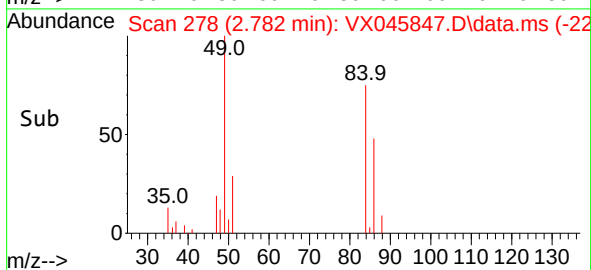
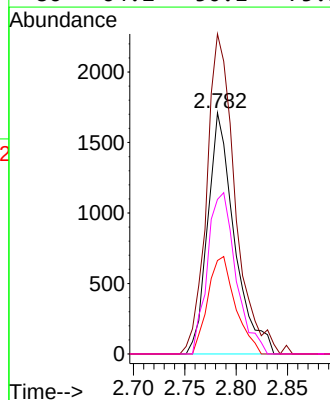
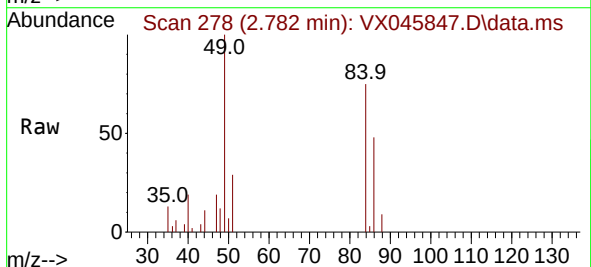
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTING

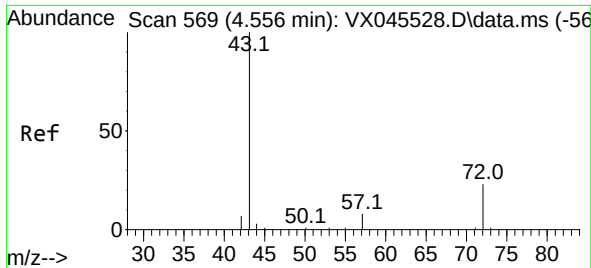
Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3



#20
Methylene Chloride
Concen: 3.150 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 84 Resp: 3085
Ion Ratio Lower Upper
84 100
49 132.7 107.5 161.3
51 38.8 33.0 49.6
86 64.2 50.1 75.1

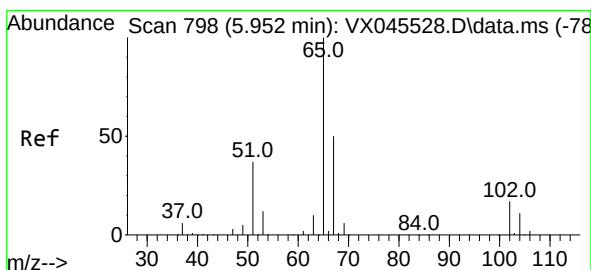
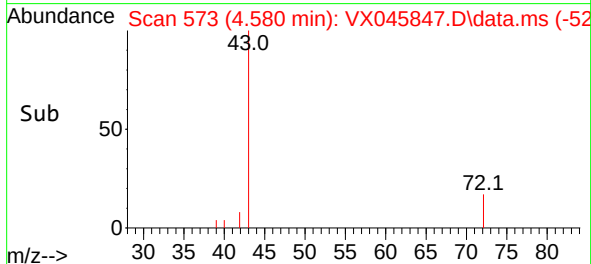
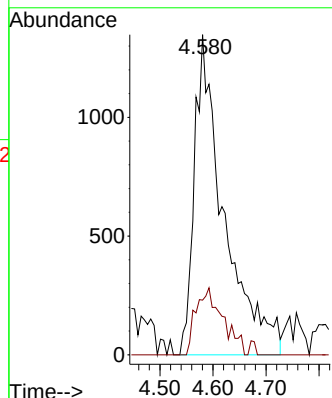
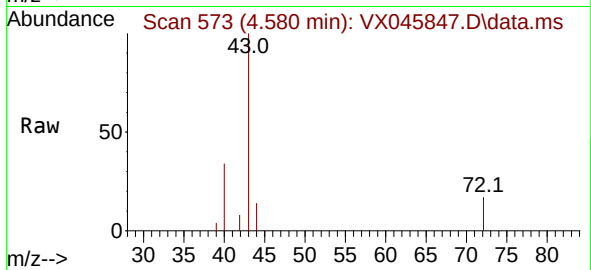




#25
2-Butanone
Concen: 6.821 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

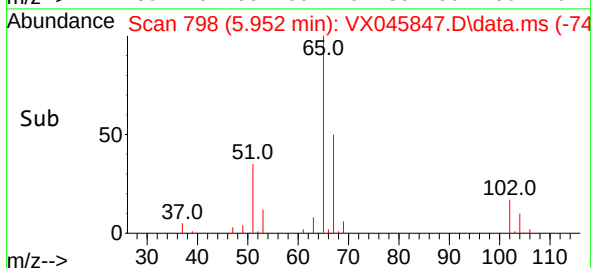
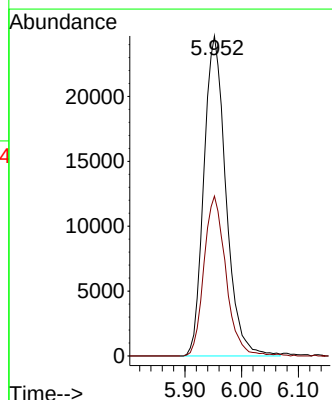
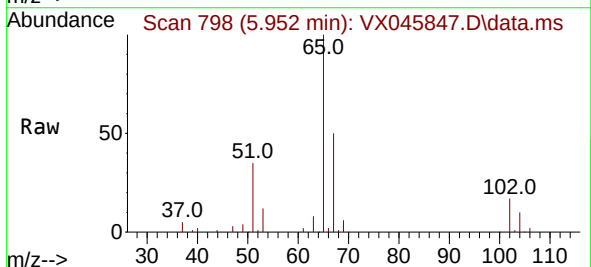
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTING

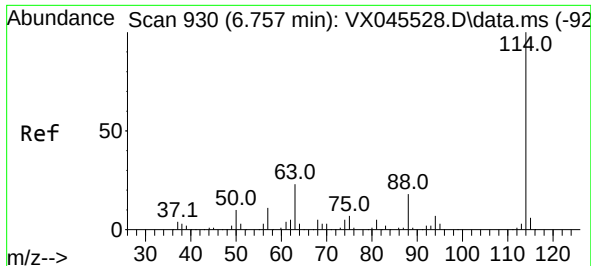
Tgt Ion: 43 Resp: 5223
Ion Ratio Lower Upper
43 100
72 17.1 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 52.436 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 65 Resp: 66796
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

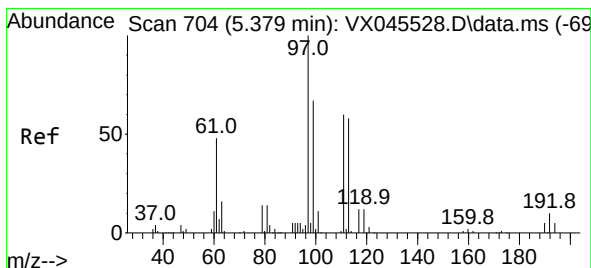
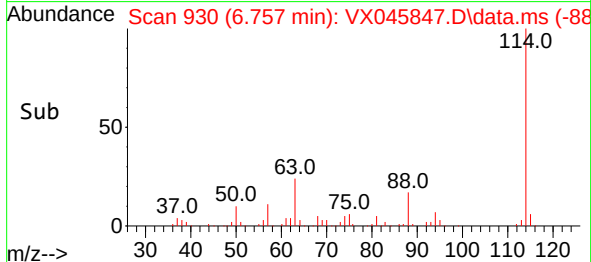
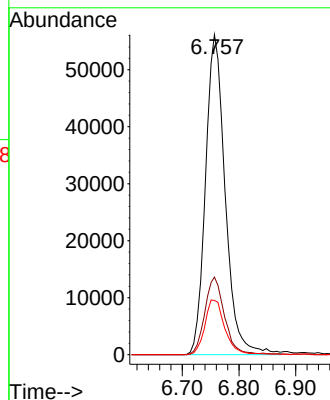
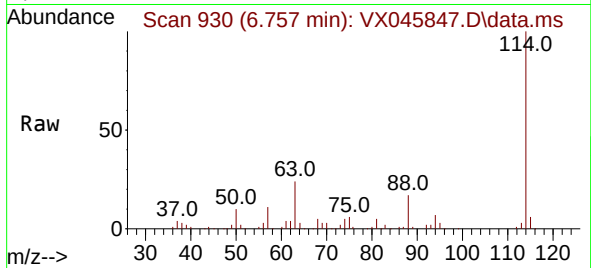




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

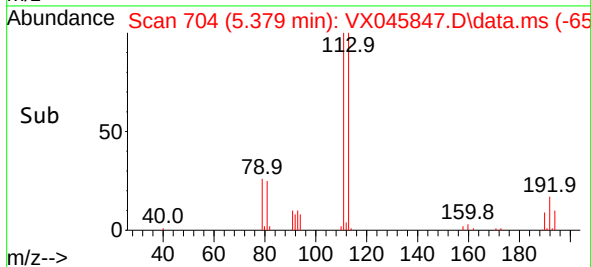
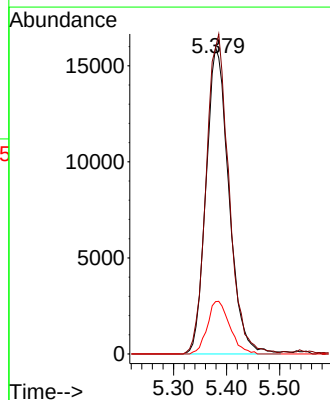
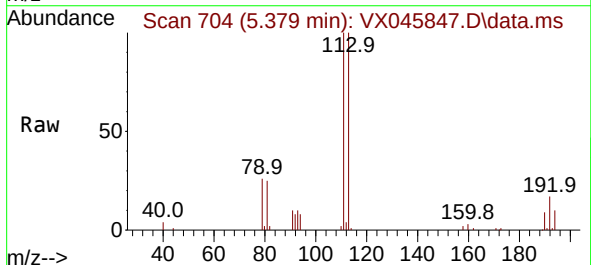
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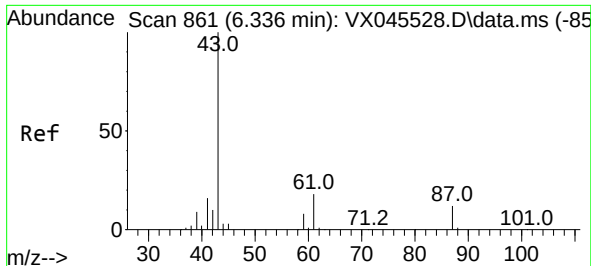
Tgt Ion:114 Resp: 135710
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Tgt Ion:113 Resp: 47769
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.6
192 16.9 13.8 20.6

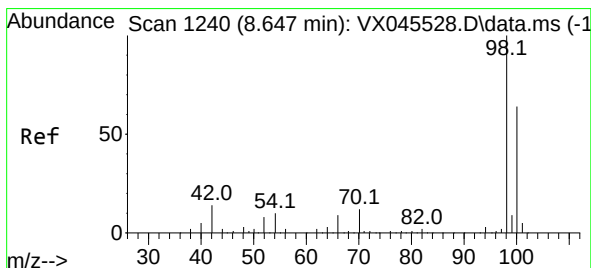
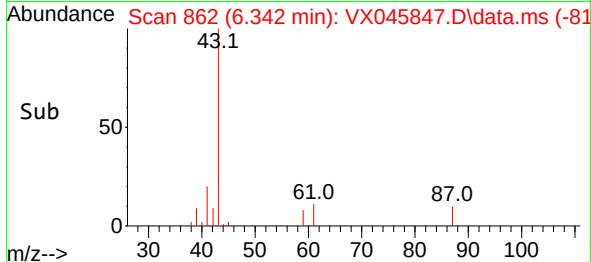
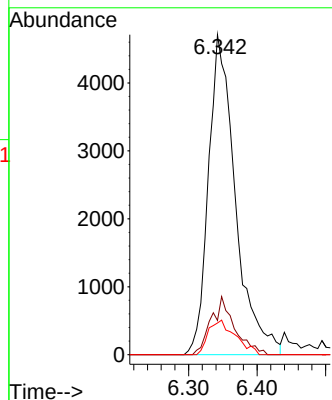
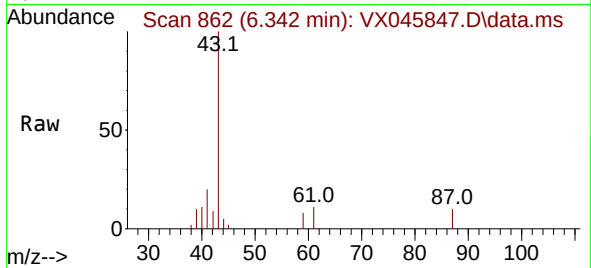




#43
Isopropyl Acetate
Concen: 5.197 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

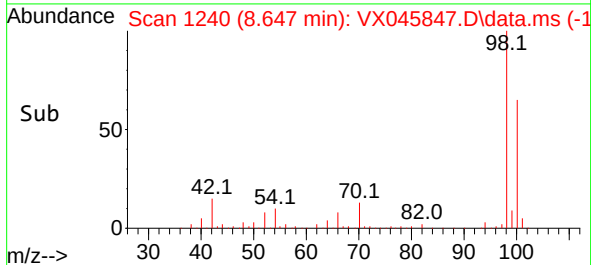
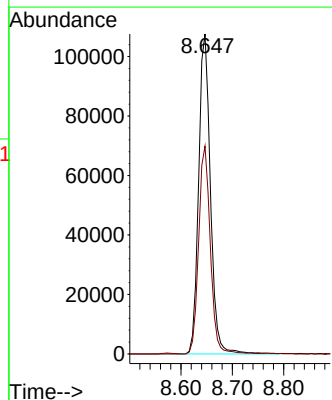
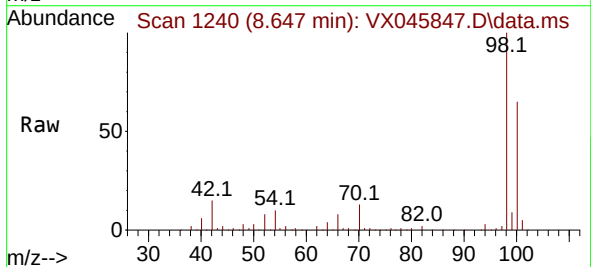
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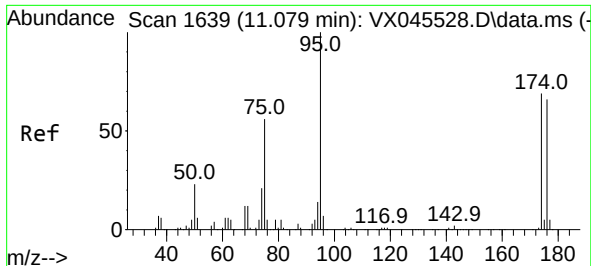
Tgt Ion: 43 Resp: 12906
Ion Ratio Lower Upper
43 100
61 15.9 14.1 21.1
87 10.7 9.2 13.8



#50
Toluene-d8
Concen: 51.139 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

Tgt Ion: 98 Resp: 171867
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

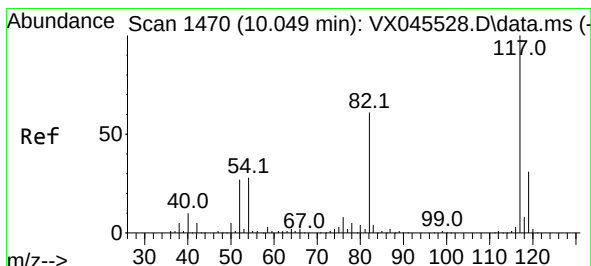
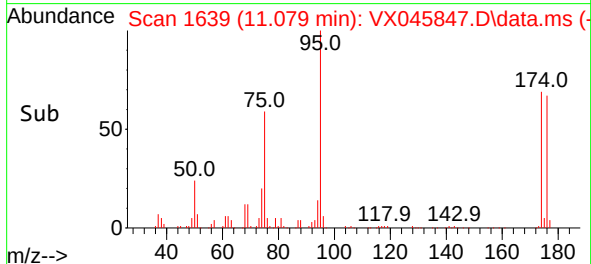
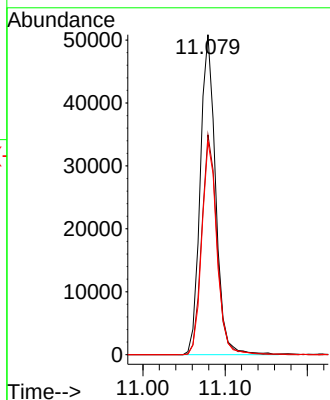
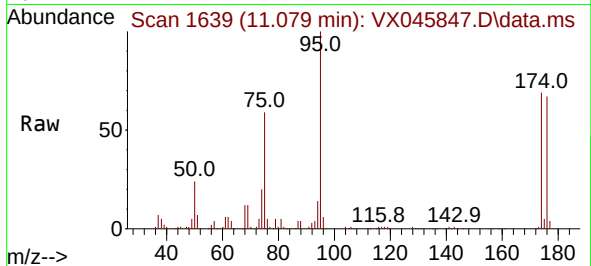




#62
4-Bromofluorobenzene
Concen: 53.892 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

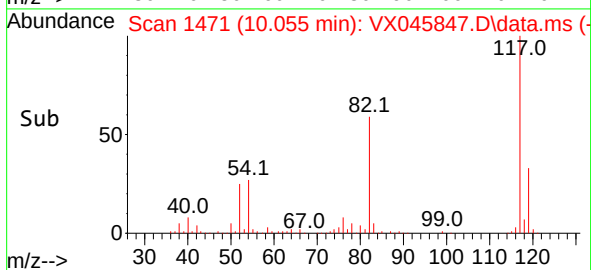
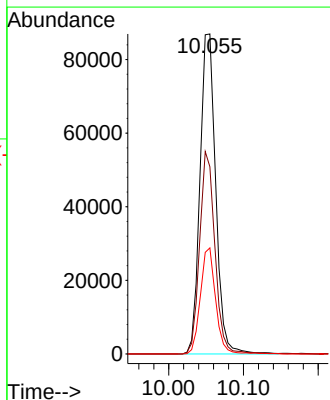
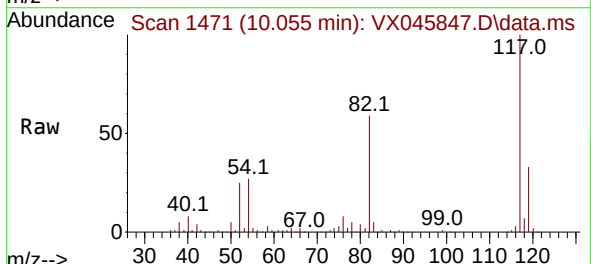
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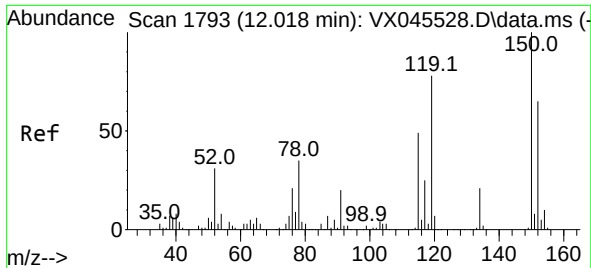
Tgt Ion: 95 Resp: 65972
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045847.D
Acq: 18 Apr 2025 11:05

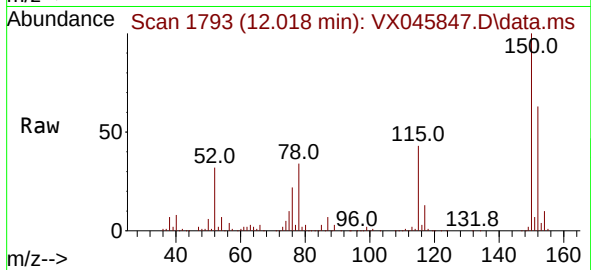
Tgt Ion: 117 Resp: 127349
Ion Ratio Lower Upper
117 100
82 58.5 49.2 73.8
119 33.2 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045847.D
 Acq: 18 Apr 2025 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTING



Tgt Ion:152 Resp: 55643
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 158.6 0.0 349.4

