

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085754.D
 Acq On : 11 Feb 2025 18:49
 Operator : JC\MD
 Sample : Q1344-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

Quant Time: Feb 11 23:24:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

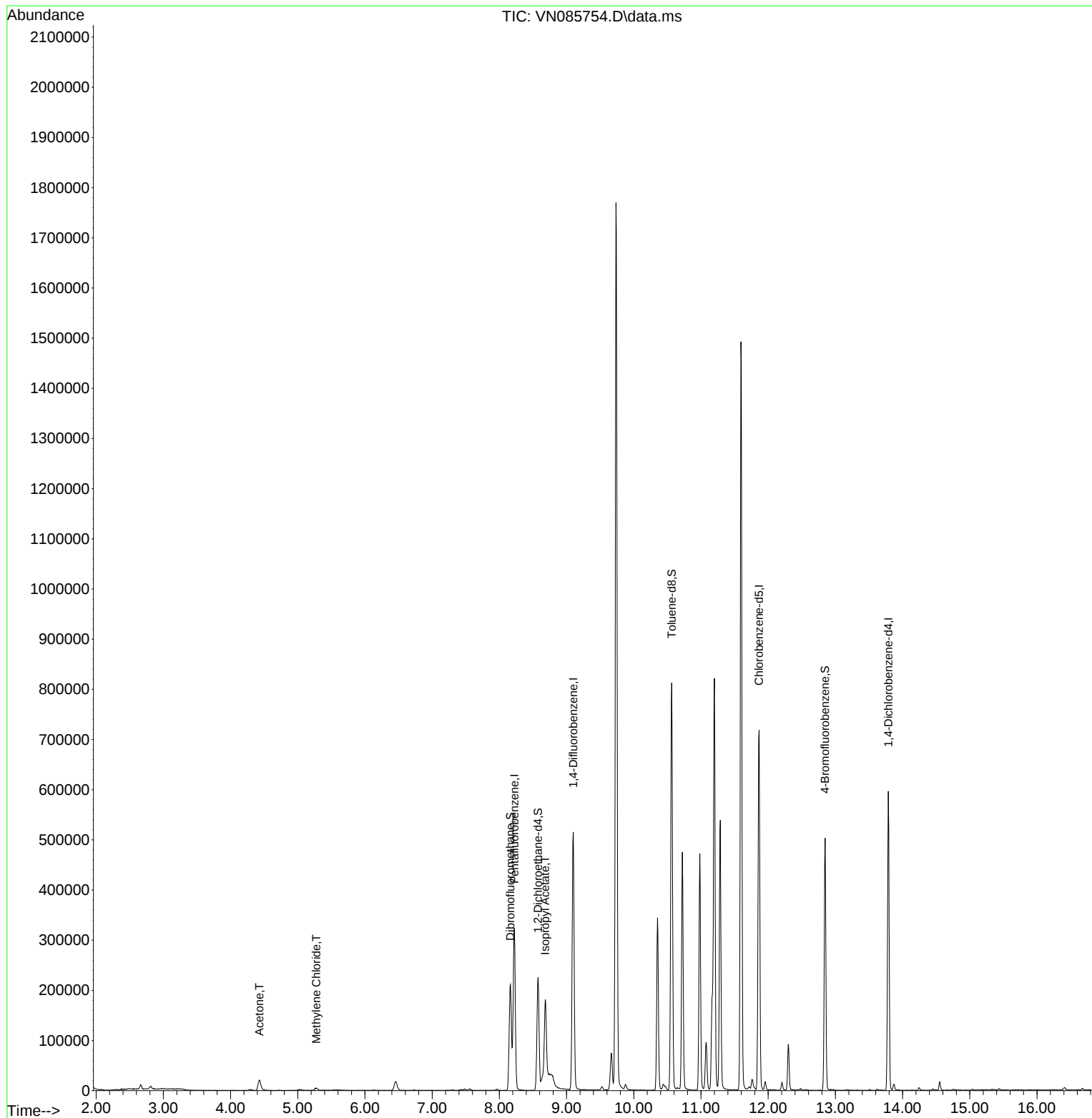
Internal Standards						
1) Pentafluorobenzene	8.224	168	225336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186505	51.274	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.540%	
35) Dibromofluoromethane	8.165	113	153667	49.334	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.660%	
50) Toluene-d8	10.565	98	574156	51.881	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.760%	
62) 4-Bromofluorobenzene	12.847	95	171279	45.244	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.480%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	40692	34.623	ug/l	93
20) Methylene Chloride	5.277	84	3442	1.183	ug/l #	71
43) Isopropyl Acetate	8.682	43	227066	32.115	ug/l #	85

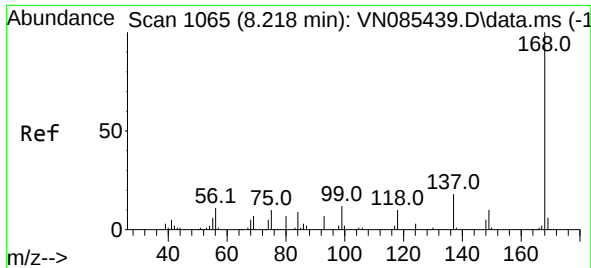
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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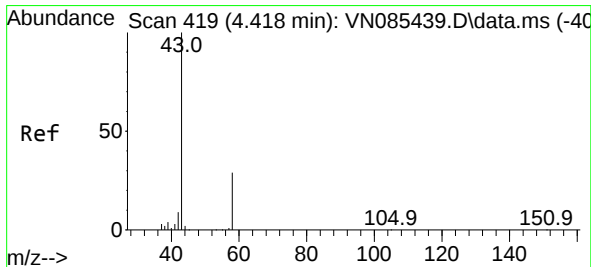
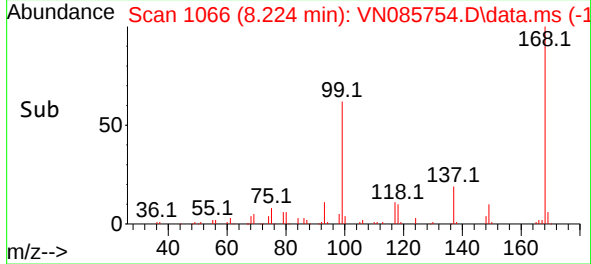
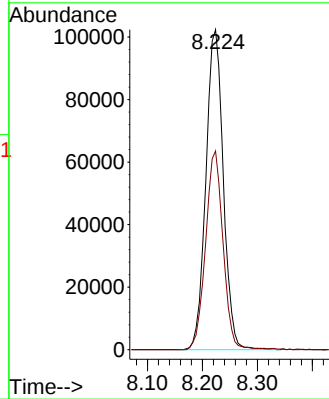
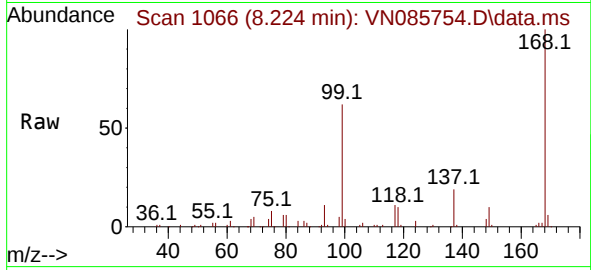




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

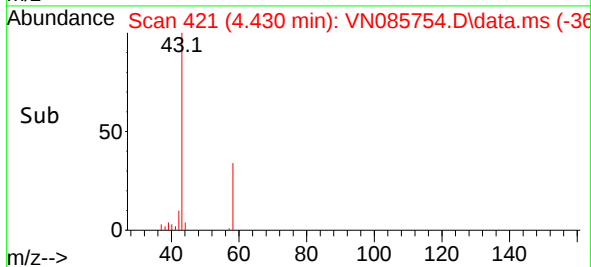
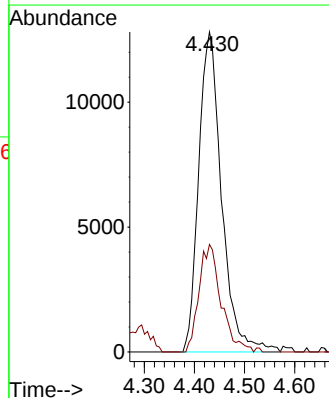
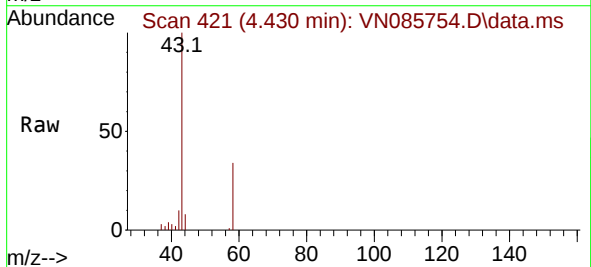
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

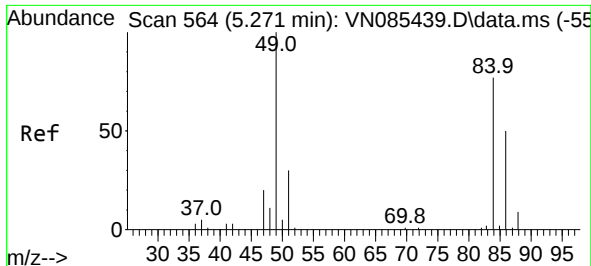
Tgt Ion:168 Resp: 225336
Ion Ratio Lower Upper
168 100
99 62.1 53.6 80.4



#16
Acetone
Concen: 34.623 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

Tgt Ion: 43 Resp: 40692
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.6

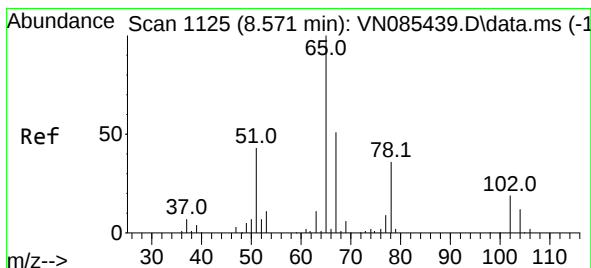
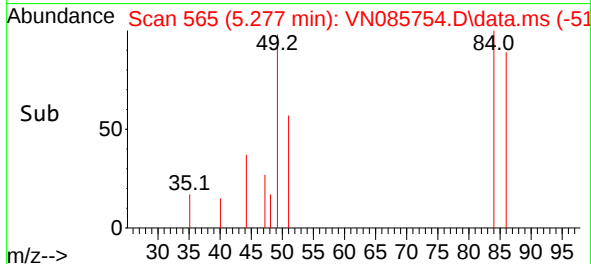
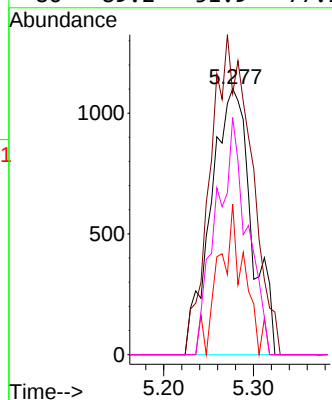
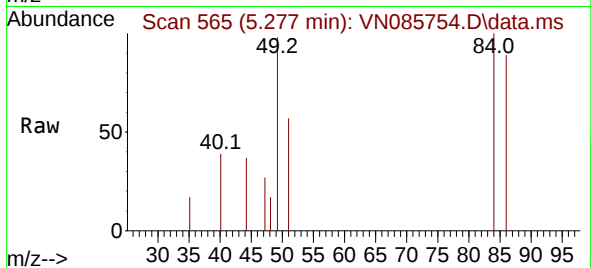




#20
Methylene Chloride
Concen: 1.183 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

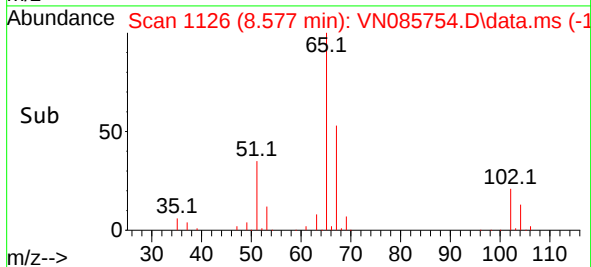
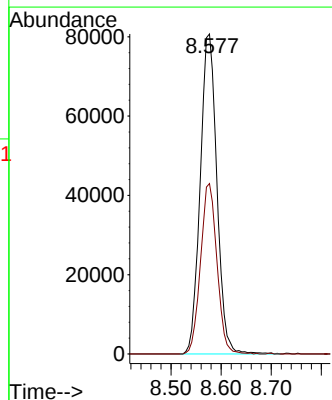
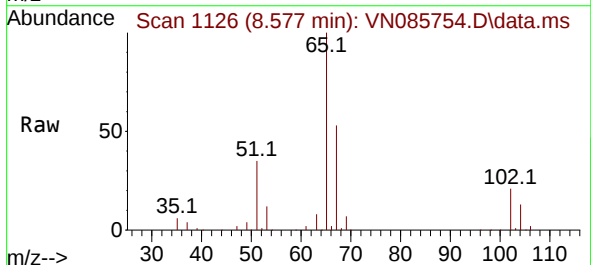
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

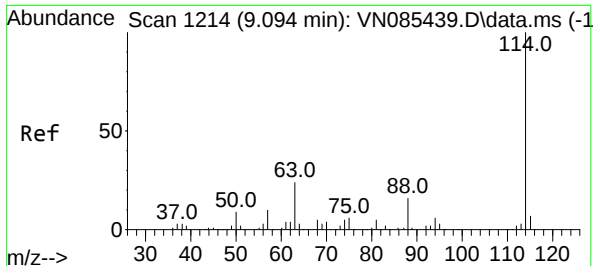
Tgt Ion: 84 Resp: 3442
Ion Ratio Lower Upper
84 100
49 98.2 104.1 156.1#
51 56.6 31.0 46.4#
86 89.2 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 51.274 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

Tgt Ion: 65 Resp: 186505
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085754.D

Acq: 11 Feb 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SOIL-1

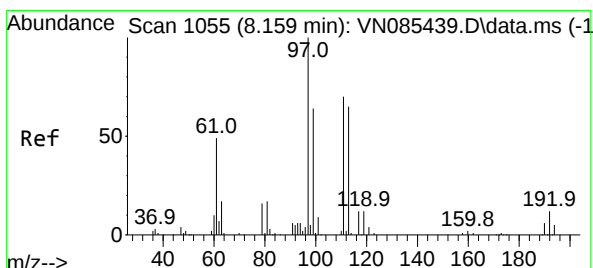
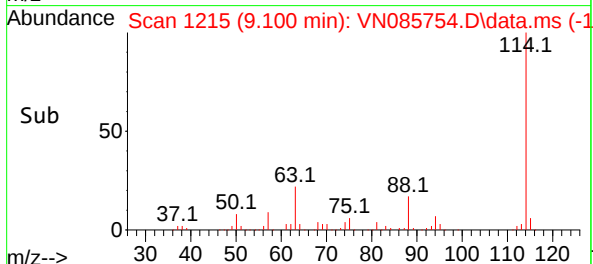
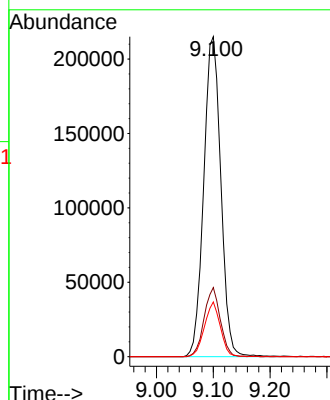
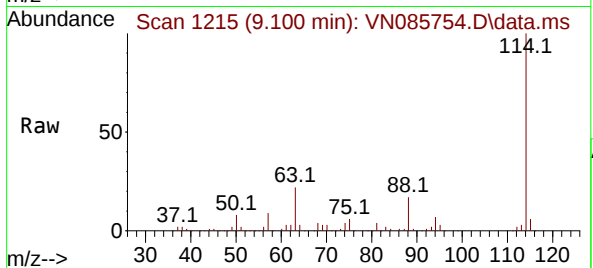
Tgt Ion:114 Resp: 448978

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.6

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085754.D

Acq: 11 Feb 2025 18:49

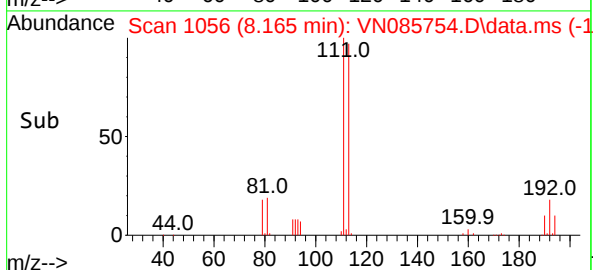
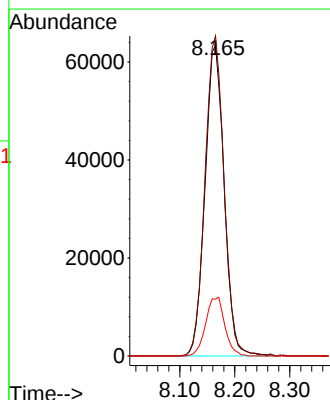
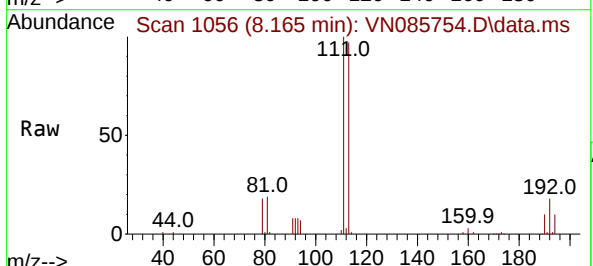
Tgt Ion:113 Resp: 153667

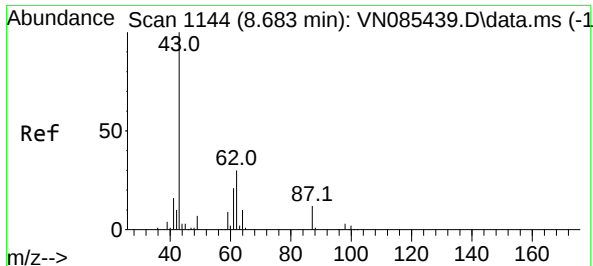
Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 18.9 14.3 21.5

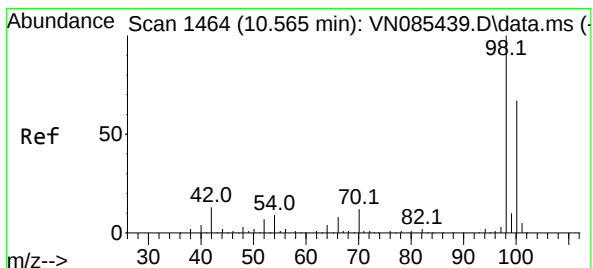
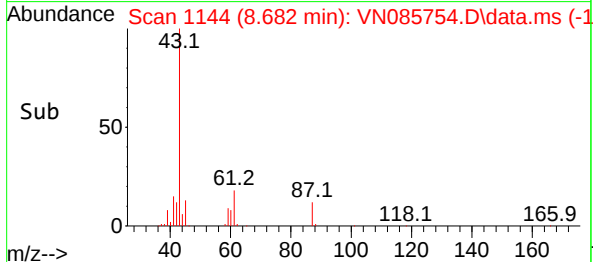
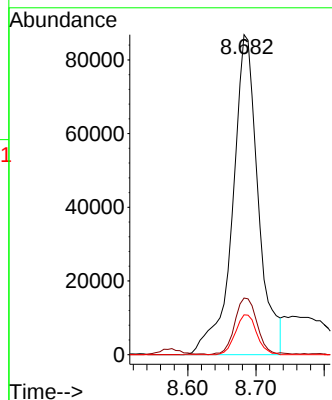
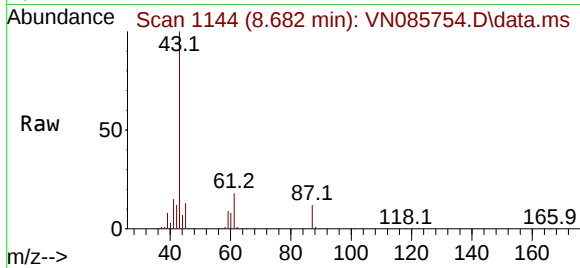




#43
Isopropyl Acetate
Concen: 32.115 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

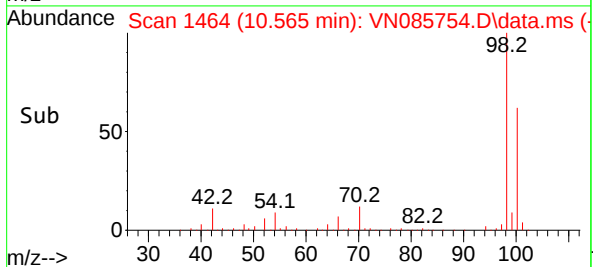
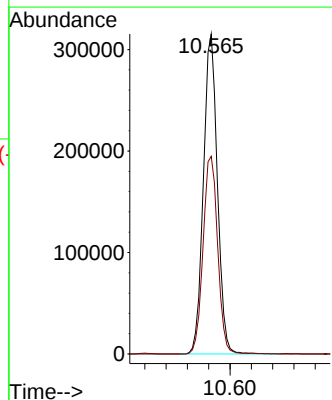
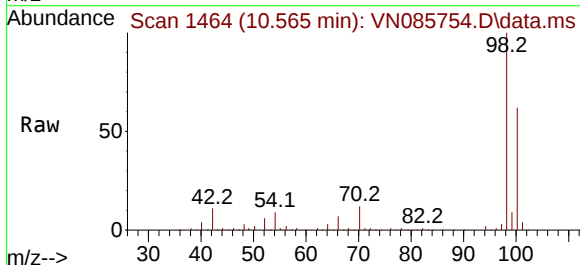
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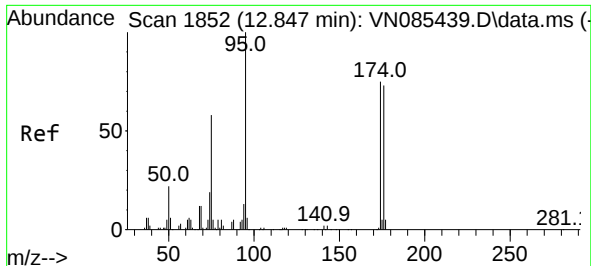
Tgt Ion: 43 Resp: 227066
Ion Ratio Lower Upper
43 100
61 15.7 20.7 31.1#
87 10.4 9.8 14.8



#50
Toluene-d8
Concen: 51.881 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

Tgt Ion: 98 Resp: 574156
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

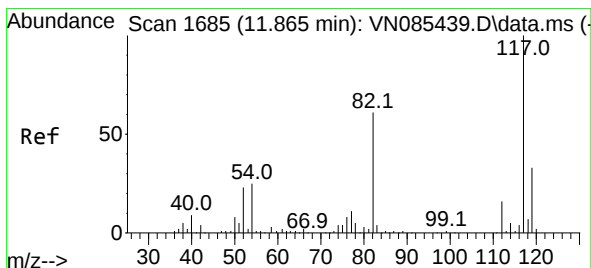
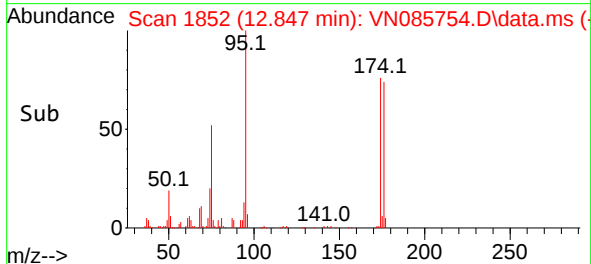
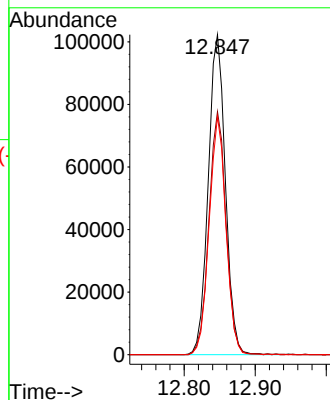
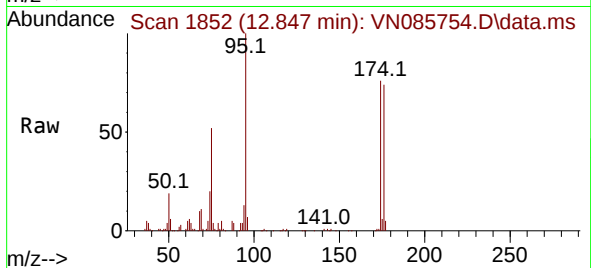




#62
4-Bromofluorobenzene
Concen: 45.244 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

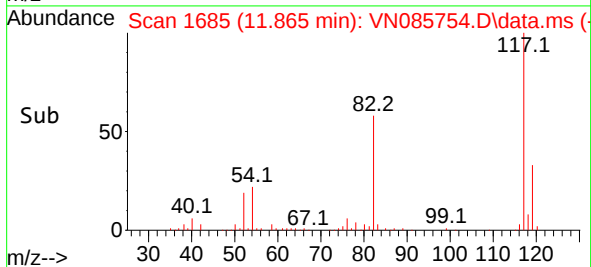
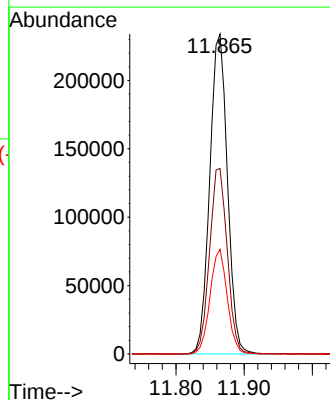
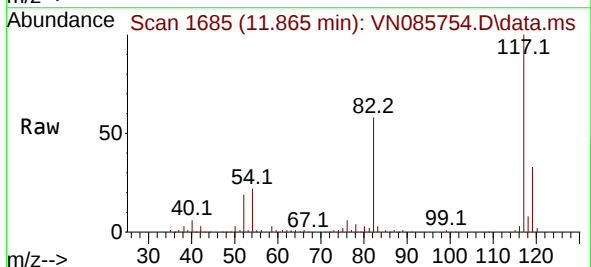
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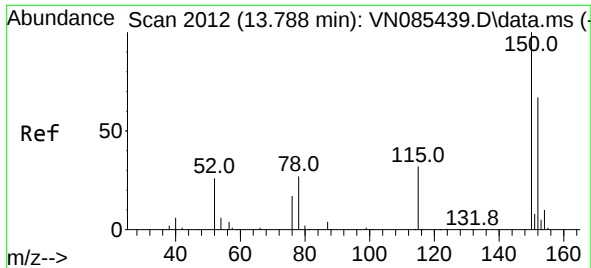
Tgt Ion: 95 Resp: 171279
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.0
176 72.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085754.D
Acq: 11 Feb 2025 18:49

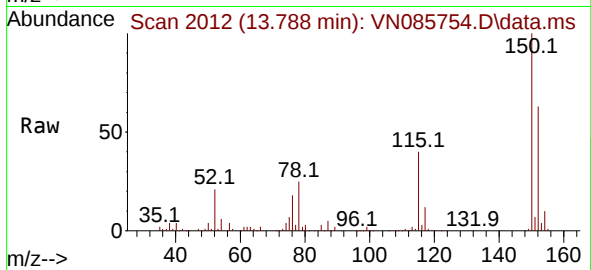
Tgt Ion: 117 Resp: 422884
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 32.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085754.D
 Acq: 11 Feb 2025 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1



Tgt Ion:152 Resp: 157190
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.1 93.3
 150 158.8 0.0 343.6

