

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085755.D
 Acq On : 11 Feb 2025 19:13
 Operator : JC\MD
 Sample : Q1344-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-2

Quant Time: Feb 11 23:24:54 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)

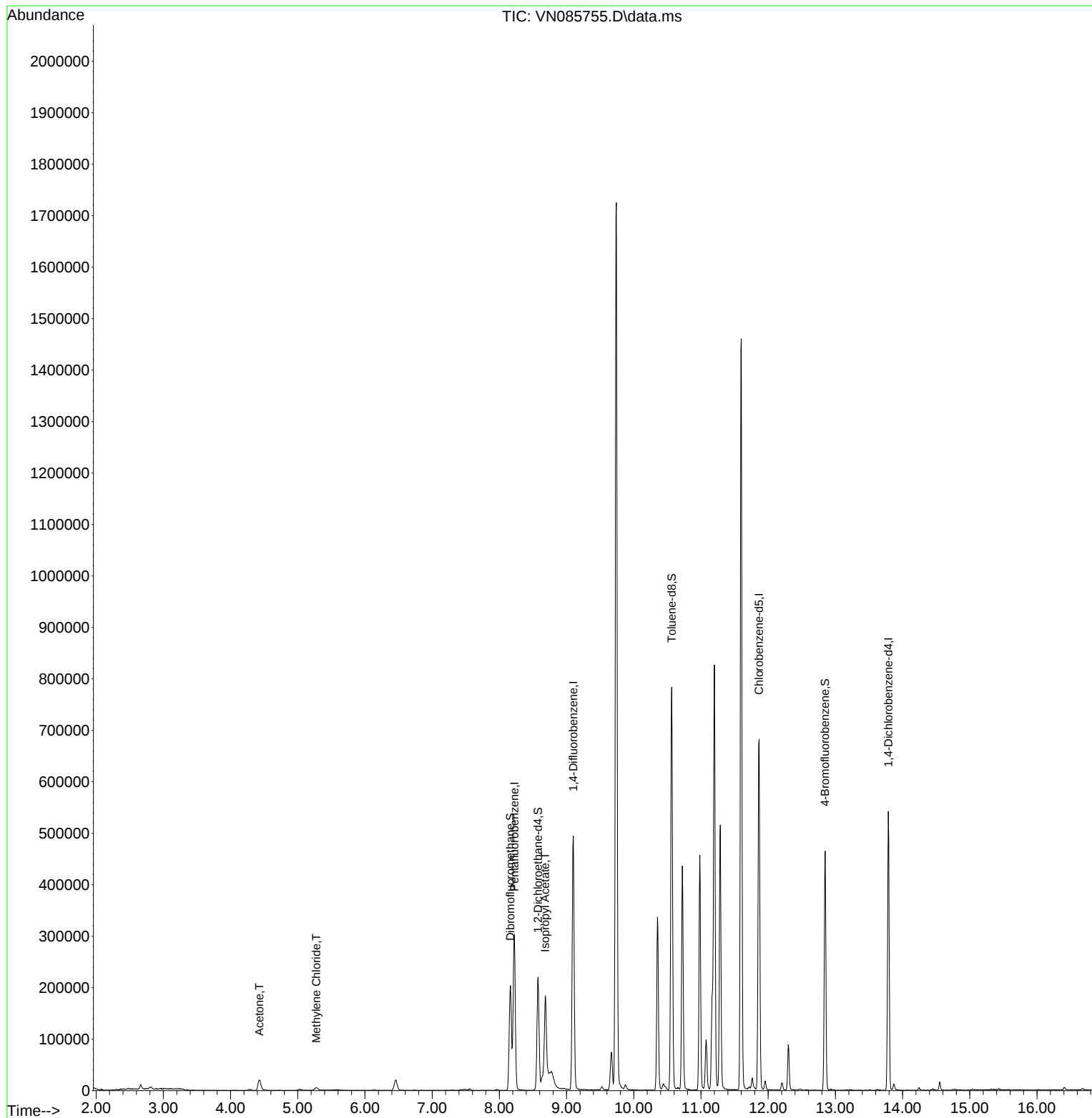
Internal Standards						
1) Pentafluorobenzene	8.224	168	214906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	426116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	400946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	178658	51.501	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.000%		
35) Dibromofluoromethane	8.165	113	150418	50.882	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.760%		
50) Toluene-d8	10.565	98	550402	52.403	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.800%		
62) 4-Bromofluorobenzene	12.847	95	159357	44.353	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.700%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	41164	36.725	ug/l	98
20) Methylene Chloride	5.277	84	4481	1.615	ug/l #	77
43) Isopropyl Acetate	8.682	43	231830	34.548	ug/l #	84

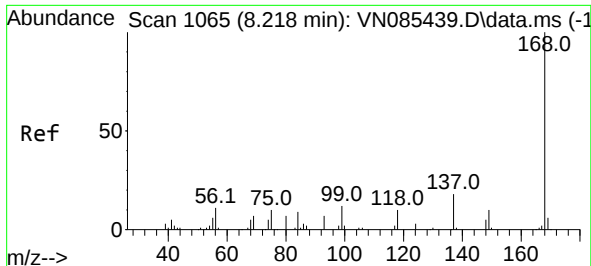
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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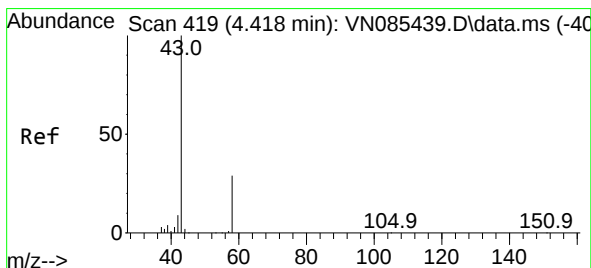
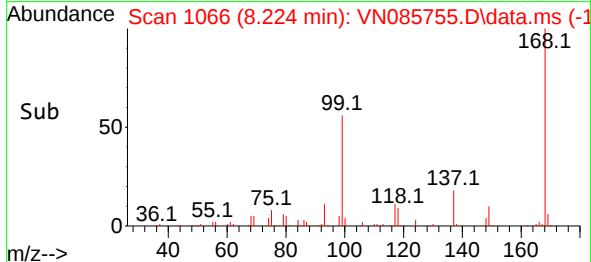
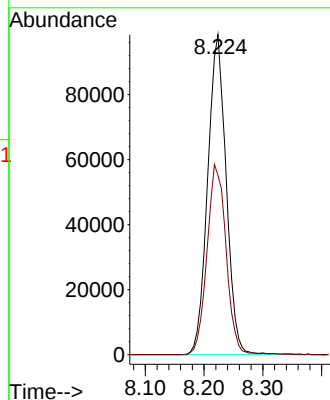
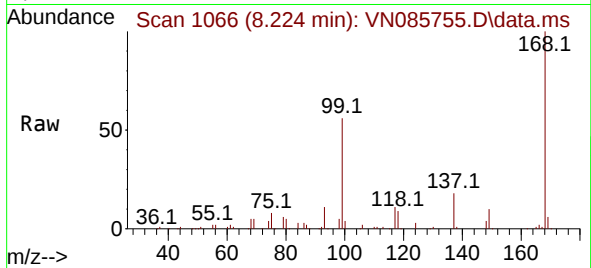




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

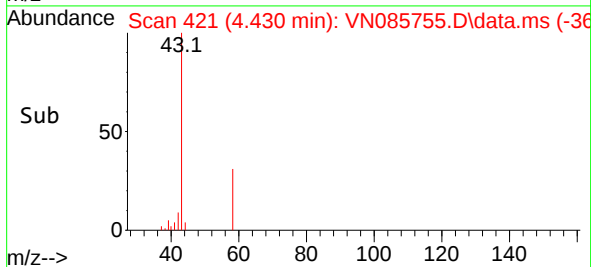
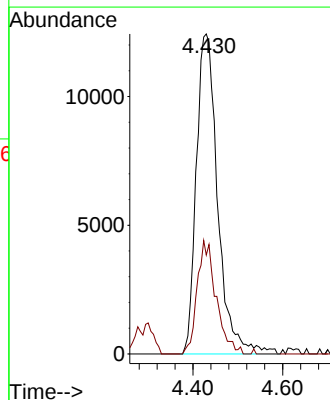
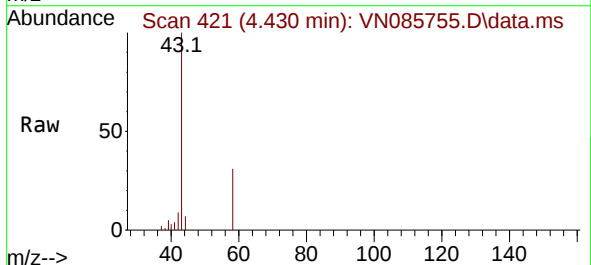
Instrument :
MSVOA_N
ClientSampleId :
SOIL-2

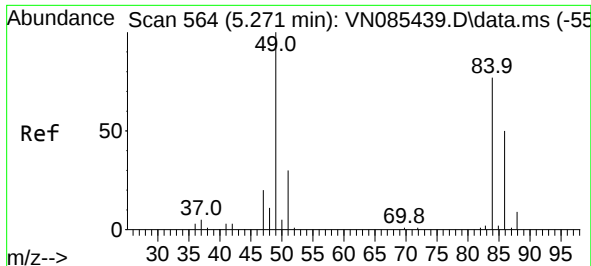
Tgt Ion:168 Resp: 214906
Ion Ratio Lower Upper
168 100
99 56.0 53.6 80.4



#16
Acetone
Concen: 36.725 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

Tgt Ion: 43 Resp: 41164
Ion Ratio Lower Upper
43 100
58 30.9 23.8 35.6

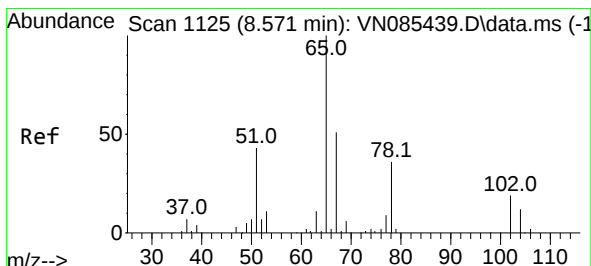
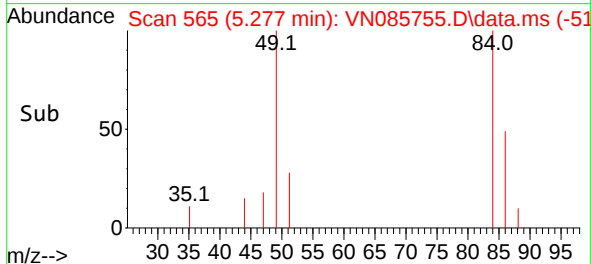
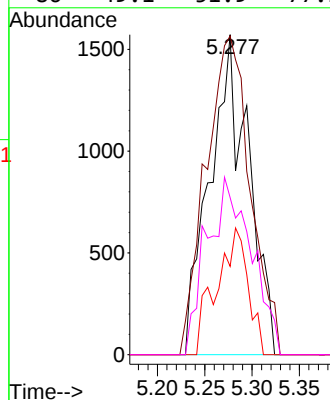
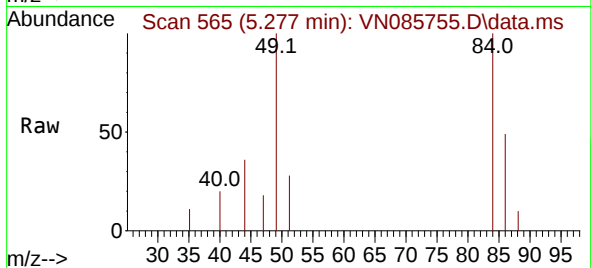




#20
Methylene Chloride
Concen: 1.615 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

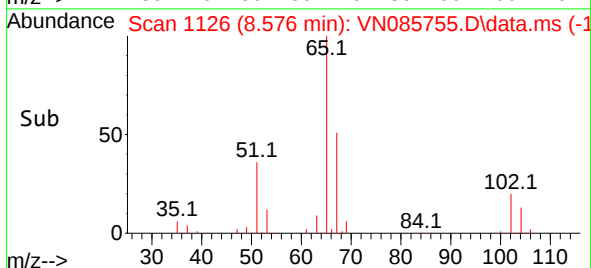
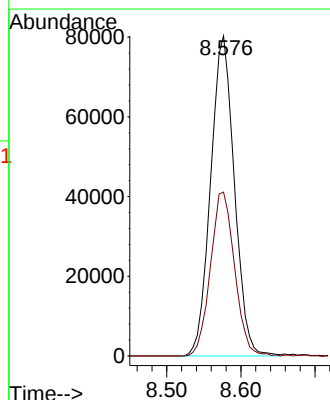
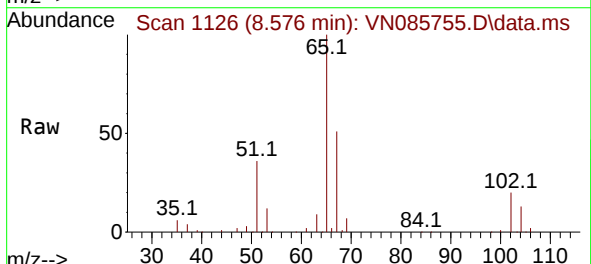
Instrument :
MSVOA_N
ClientSampleId :
SOIL-2

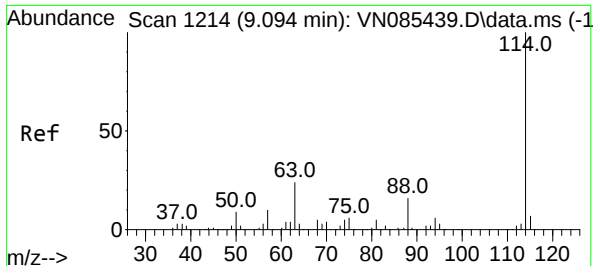
Tgt Ion: 84 Resp: 4481
Ion Ratio Lower Upper
84 100
49 99.6 104.1 156.1#
51 27.6 31.0 46.4#
86 49.1 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 51.501 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

Tgt Ion: 65 Resp: 178658
Ion Ratio Lower Upper
65 100
67 52.0 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: VN085755.D

Acq: 11 Feb 2025 19:13

Instrument :

MSVOA_N

ClientSampleId :

SOIL-2

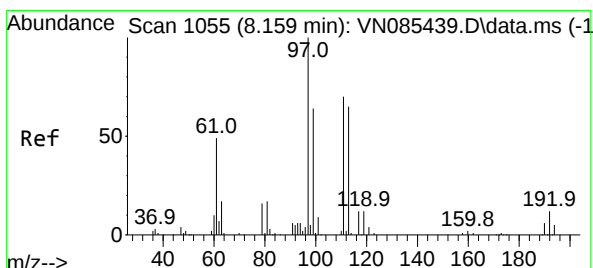
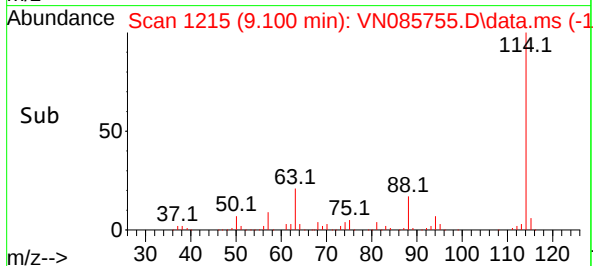
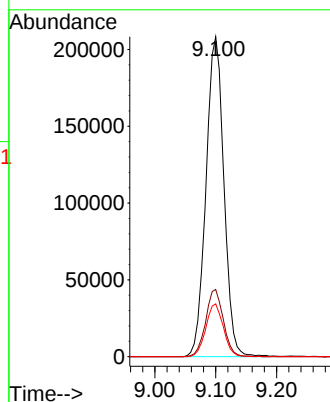
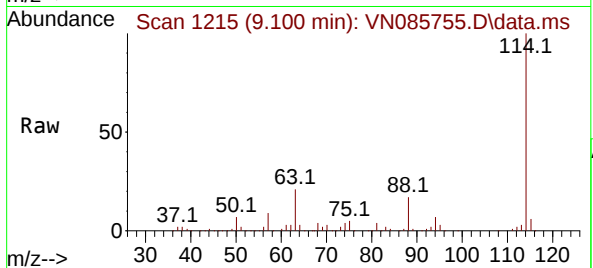
Tgt Ion:114 Resp: 426116

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.882 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085755.D

Acq: 11 Feb 2025 19:13

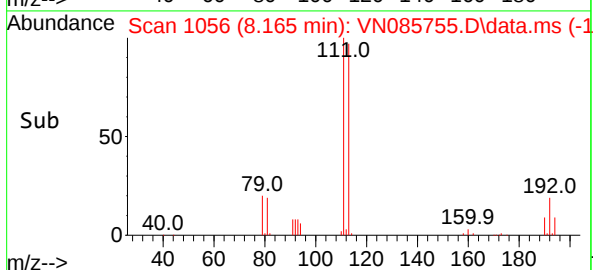
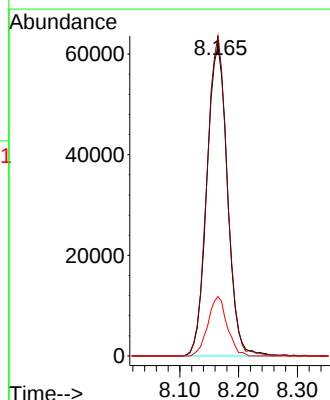
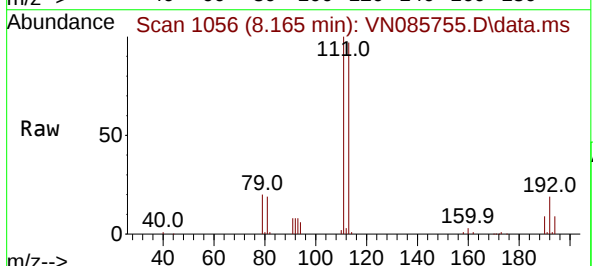
Tgt Ion:113 Resp: 150418

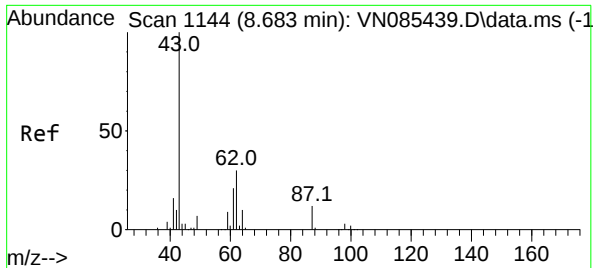
Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

192 17.8 14.3 21.5

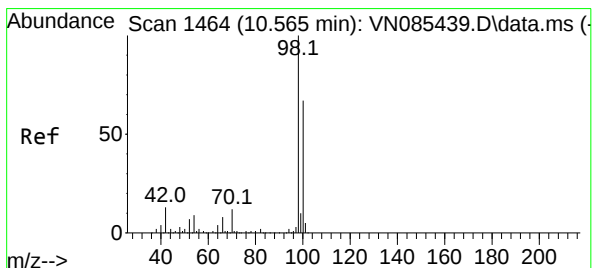
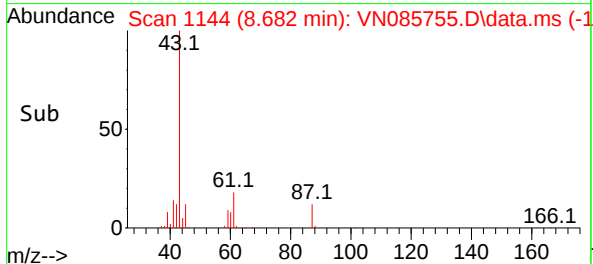
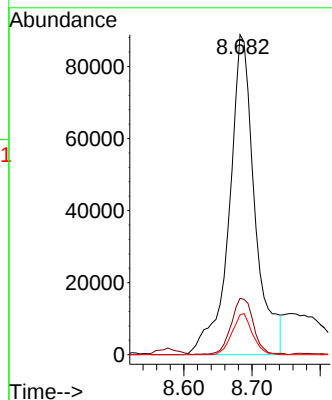
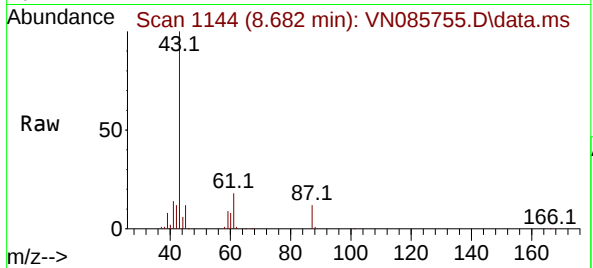




#43
Isopropyl Acetate
Concen: 34.548 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

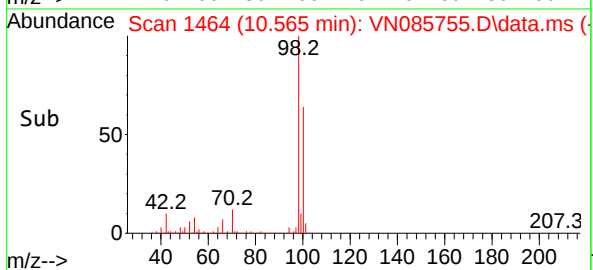
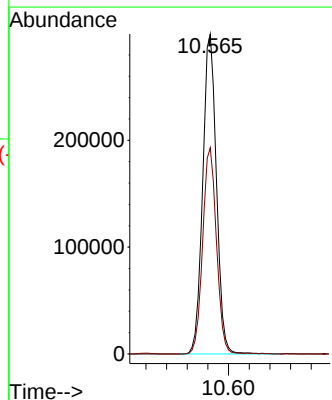
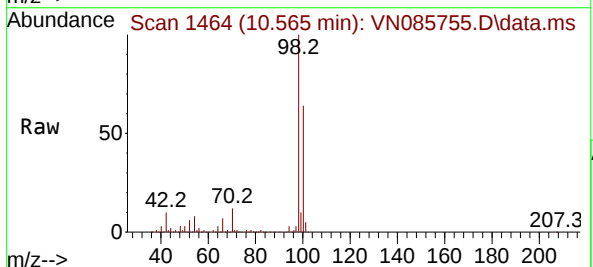
Instrument :
MSVOA_N
ClientSampleId :
SOIL-2

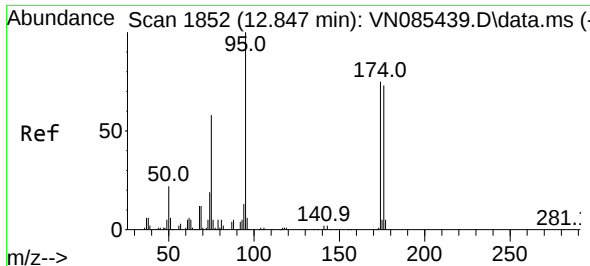
Tgt Ion: 43 Resp: 231830
Ion Ratio Lower Upper
43 100
61 15.5 20.7 31.1#
87 10.1 9.8 14.8



#50
Toluene-d8
Concen: 52.403 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

Tgt Ion: 98 Resp: 550402
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

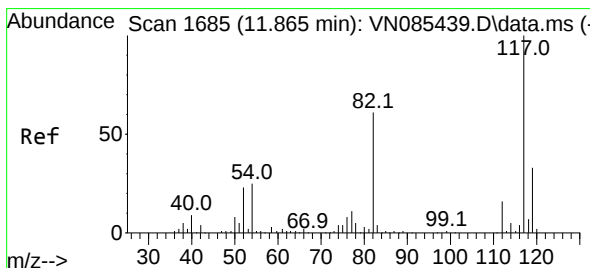
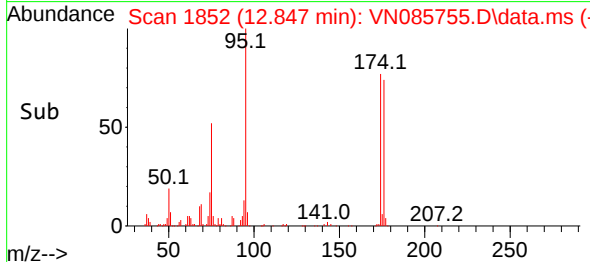
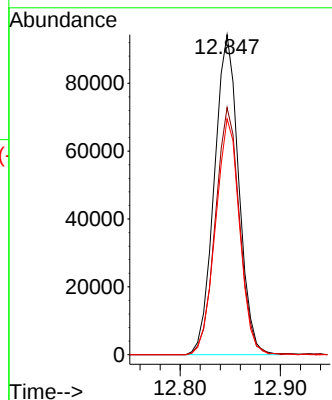
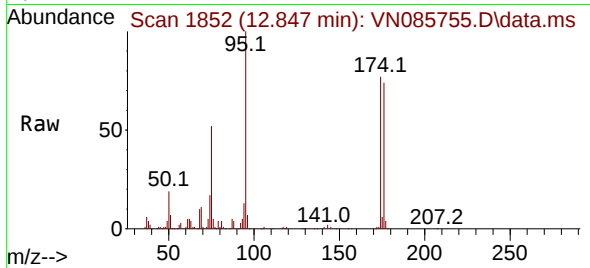




#62
4-Bromofluorobenzene
Concen: 44.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

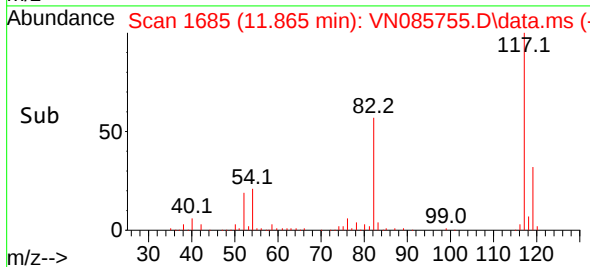
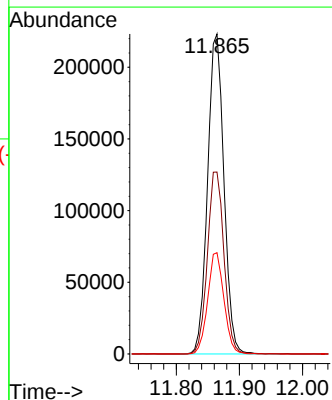
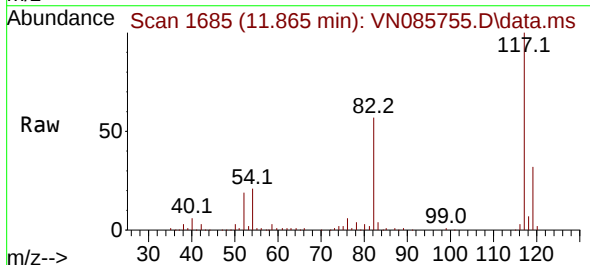
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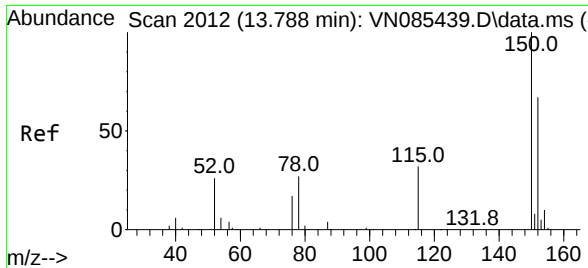
Tgt Ion: 95 Resp: 159357
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 72.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085755.D
Acq: 11 Feb 2025 19:13

Tgt Ion: 117 Resp: 400946
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.7 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: VN085755.D
 Acq: 11 Feb 2025 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-2

Tgt Ion:	152	Resp:	144536
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.1	93.3
150	158.2	0.0	343.6

