

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085756.D
 Acq On : 11 Feb 2025 19:37
 Operator : JC\MD
 Sample : Q1346-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 11 23:25:24 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)

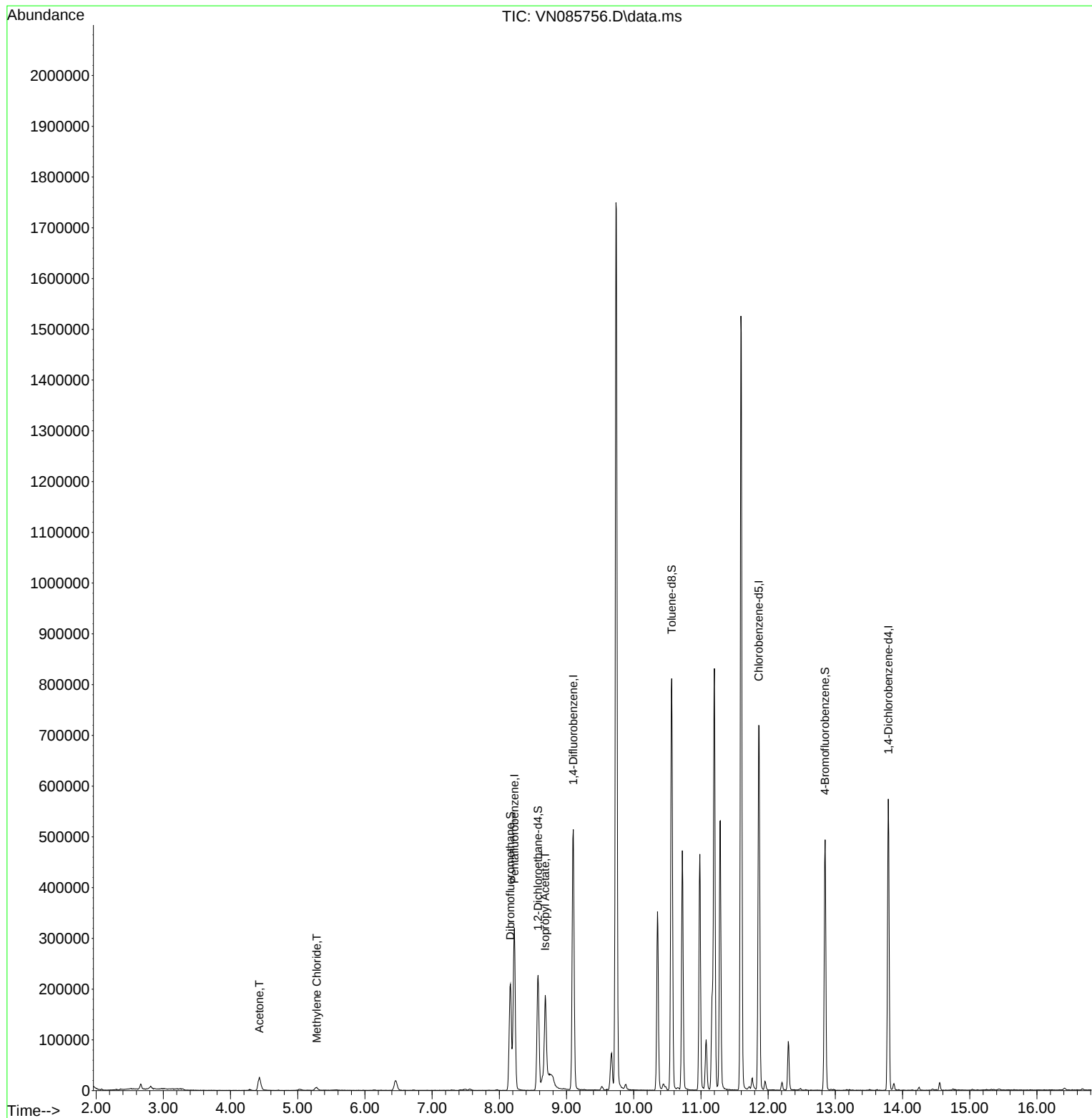
Internal Standards						
1) Pentafluorobenzene	8.224	168	222182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	444886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	420375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187264	52.214	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.420%		
35) Dibromofluoromethane	8.165	113	153131	49.615	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.220%		
50) Toluene-d8	10.565	98	579681	52.862	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.720%		
62) 4-Bromofluorobenzene	12.847	95	172921	46.098	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.200%		
Target Compounds						Qvalue
16) Acetone	4.430	43	48522	41.872	ug/l	90
20) Methylene Chloride	5.283	84	4817	1.679	ug/l #	70
43) Isopropyl Acetate	8.683	43	231915	33.103	ug/l #	85

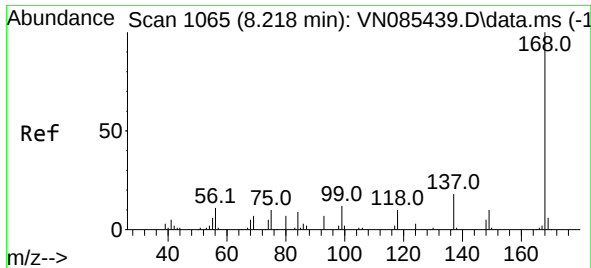
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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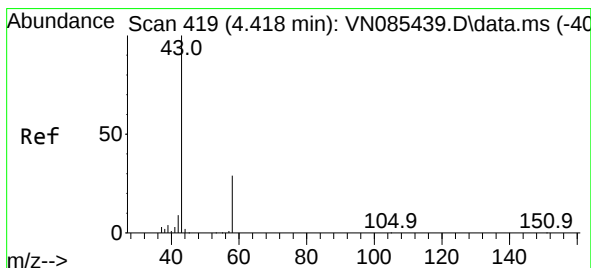
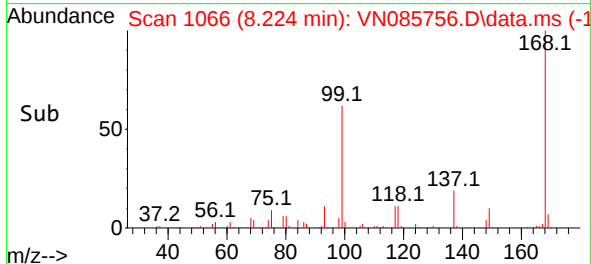
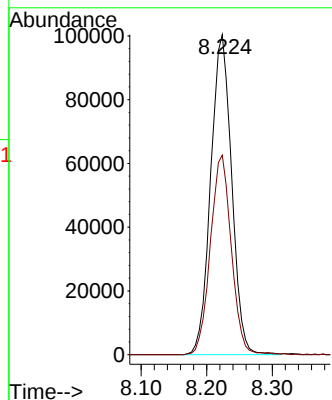
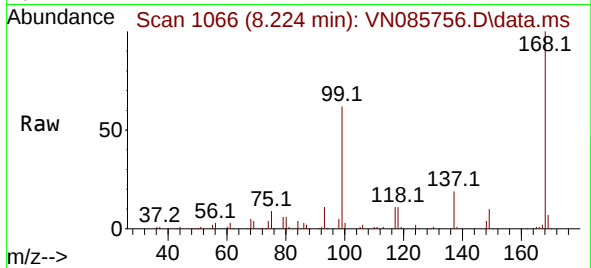




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

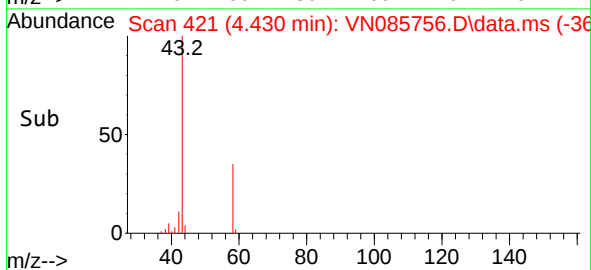
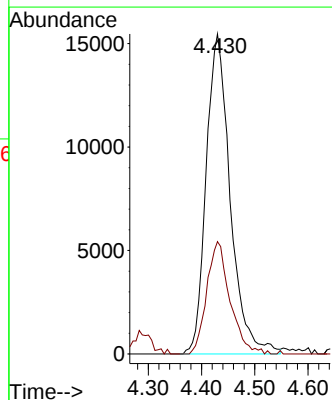
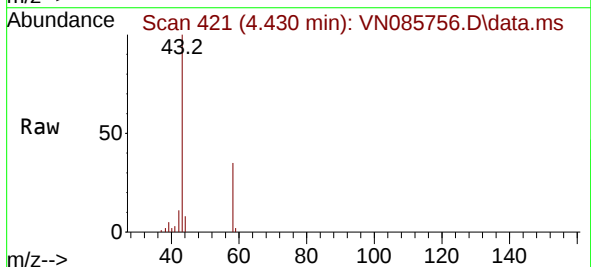
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

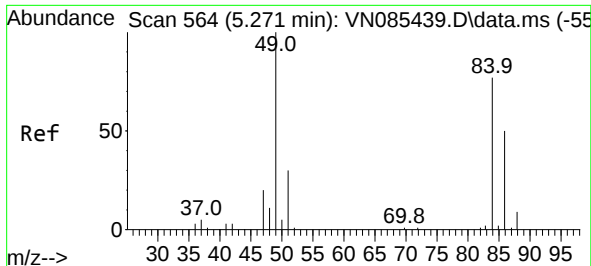
Tgt Ion:168 Resp: 222182
Ion Ratio Lower Upper
168 100
99 62.3 53.6 80.4



#16
Acetone
Concen: 41.872 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

Tgt Ion: 43 Resp: 48522
Ion Ratio Lower Upper
43 100
58 35.1 23.8 35.6

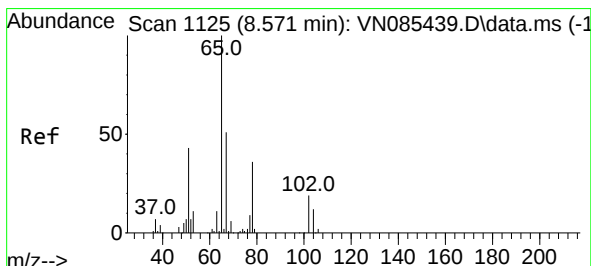
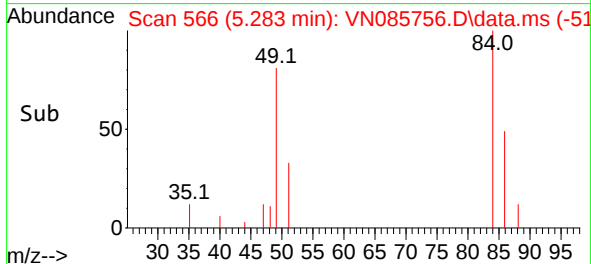
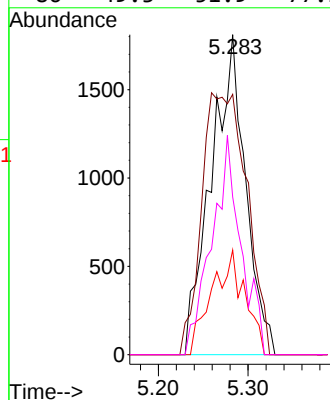
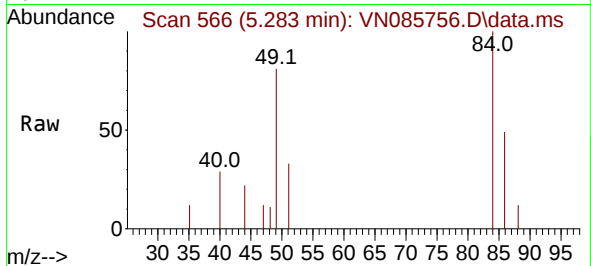




#20
Methylene Chloride
Concen: 1.679 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

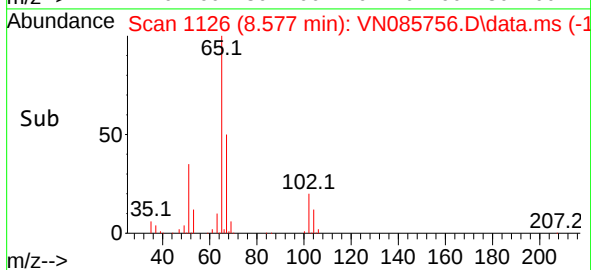
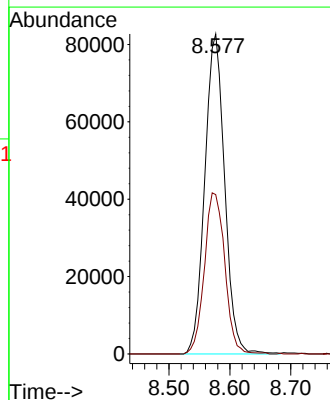
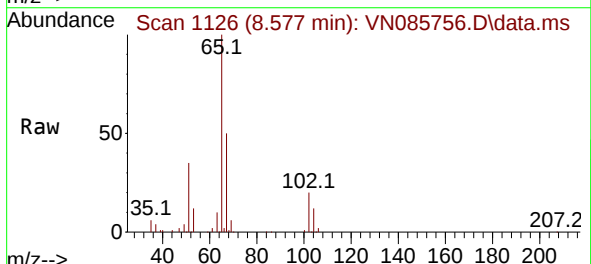
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

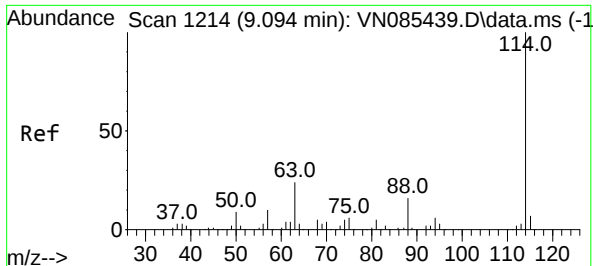
Tgt Ion:	84	Resp:	4817
Ion	Ratio	Lower	Upper
84	100		
49	81.3	104.1	156.1#
51	32.7	31.0	46.4
86	49.3	51.9	77.9#



#33
1,2-Dichloroethane-d4
Concen: 52.214 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

Tgt Ion:	65	Resp:	187264
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN085756.D

Acq: 11 Feb 2025 19:37

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

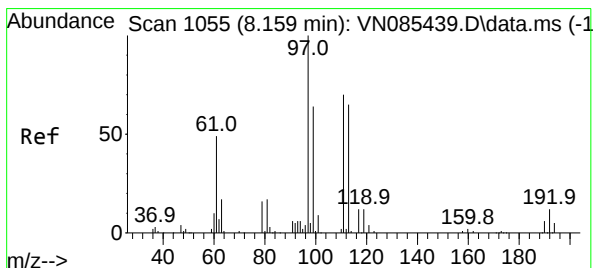
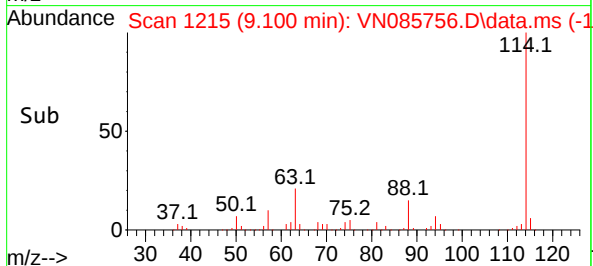
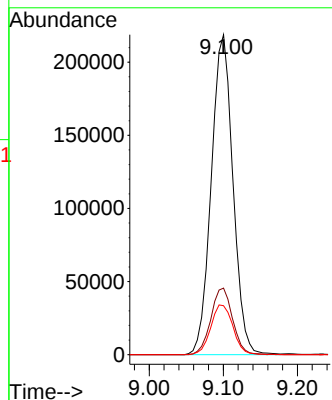
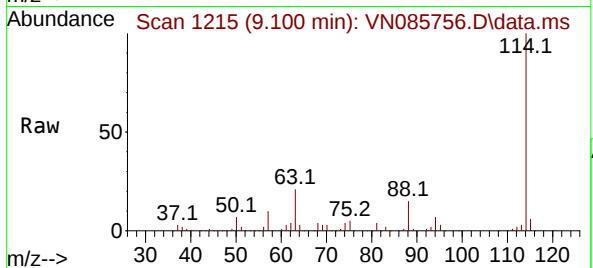
Tgt Ion:114 Resp: 444886

Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.6

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.615 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085756.D

Acq: 11 Feb 2025 19:37

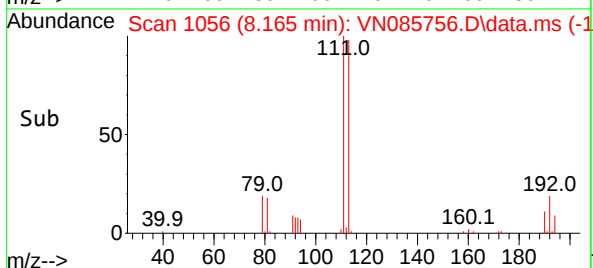
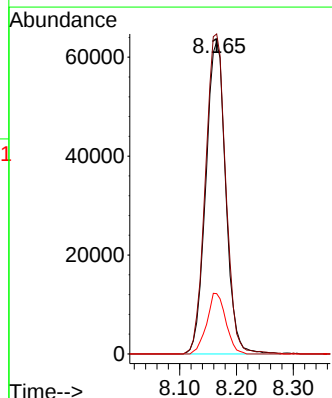
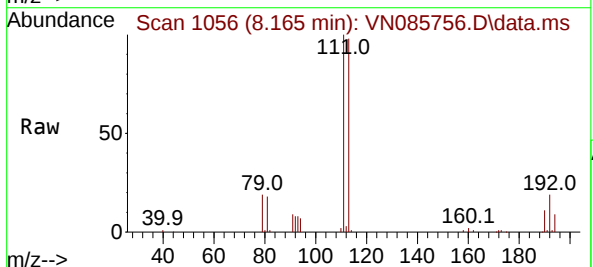
Tgt Ion:113 Resp: 153131

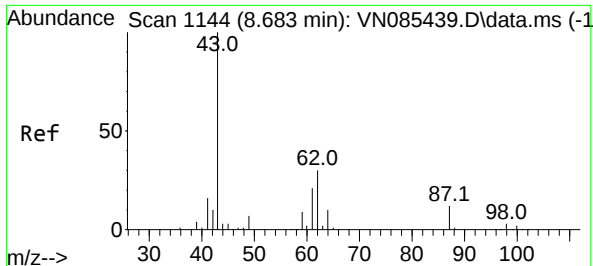
Ion Ratio Lower Upper

113 100

111 104.5 82.7 124.1

192 18.6 14.3 21.5

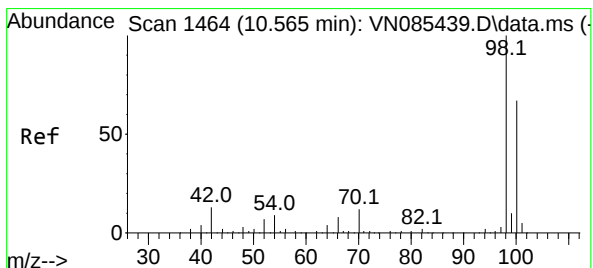
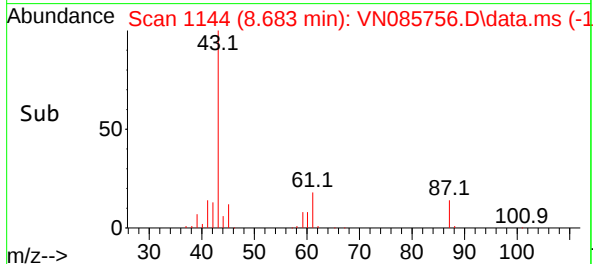
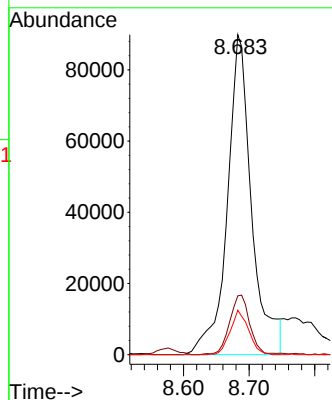
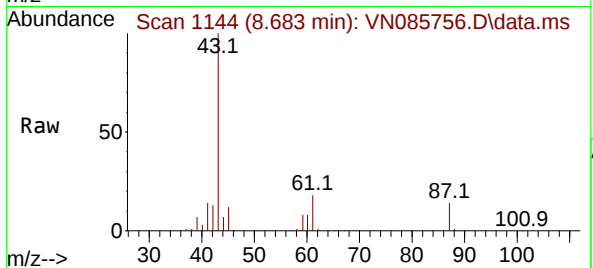




#43
Isopropyl Acetate
Concen: 33.103 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

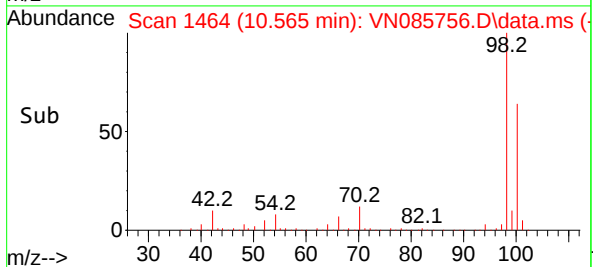
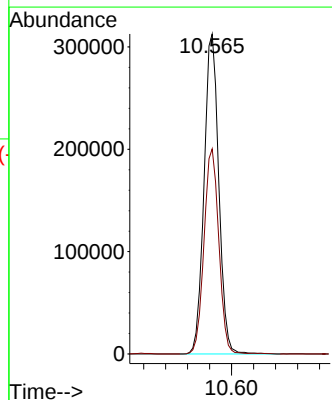
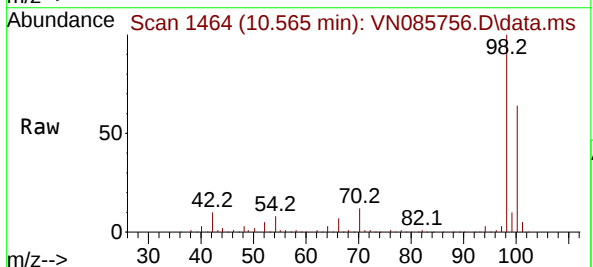
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Tgt Ion: 43 Resp: 231915
Ion Ratio Lower Upper
43 100
61 15.5 20.7 31.1#
87 10.5 9.8 14.8



#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

Tgt Ion: 98 Resp: 579681
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

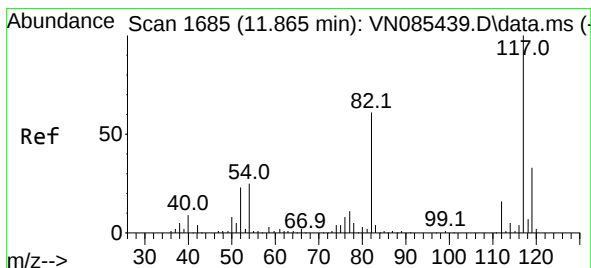
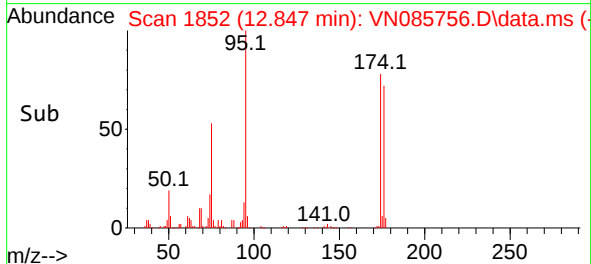
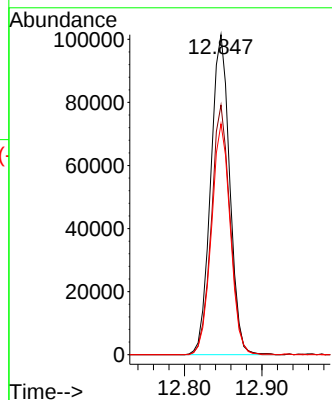
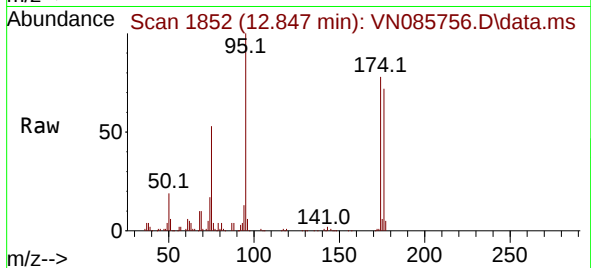




#62
4-Bromofluorobenzene
Concen: 46.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

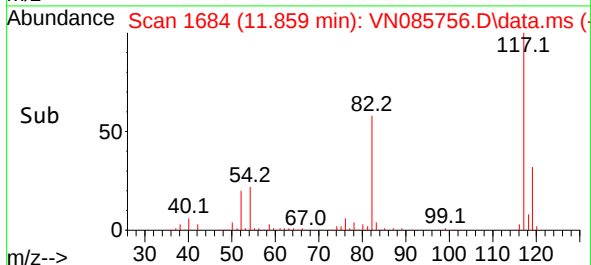
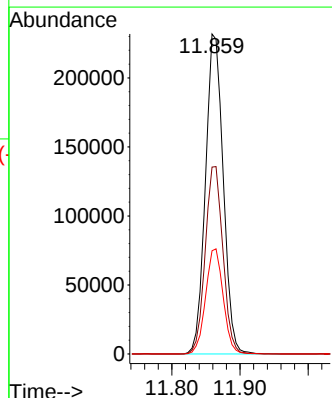
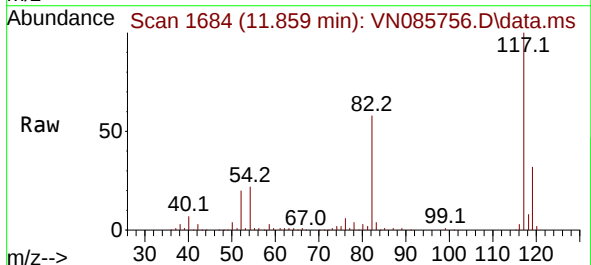
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

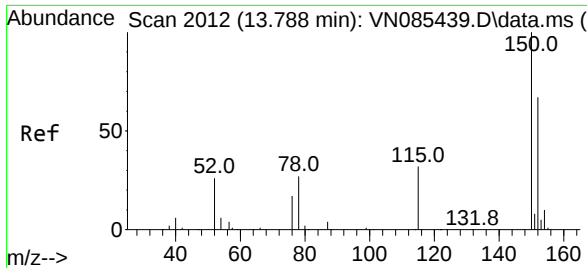
Tgt Ion: 95 Resp: 172921
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.0
176 71.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085756.D
Acq: 11 Feb 2025 19:37

Tgt Ion: 117 Resp: 420375
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 32.2 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: VN085756.D
 Acq: 11 Feb 2025 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Tgt Ion:152 Resp: 157486
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.3
 150 157.1 0.0 343.6

