

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084827.D
 Acq On : 13 Nov 2024 15:35
 Operator : JC\MD
 Sample : P4780-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Nov 14 00:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	170577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118000	47.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.800%
35) Dibromofluoromethane	8.159	113	98095	49.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	10.565	98	337686	46.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.847	95	131019	48.051	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.100%

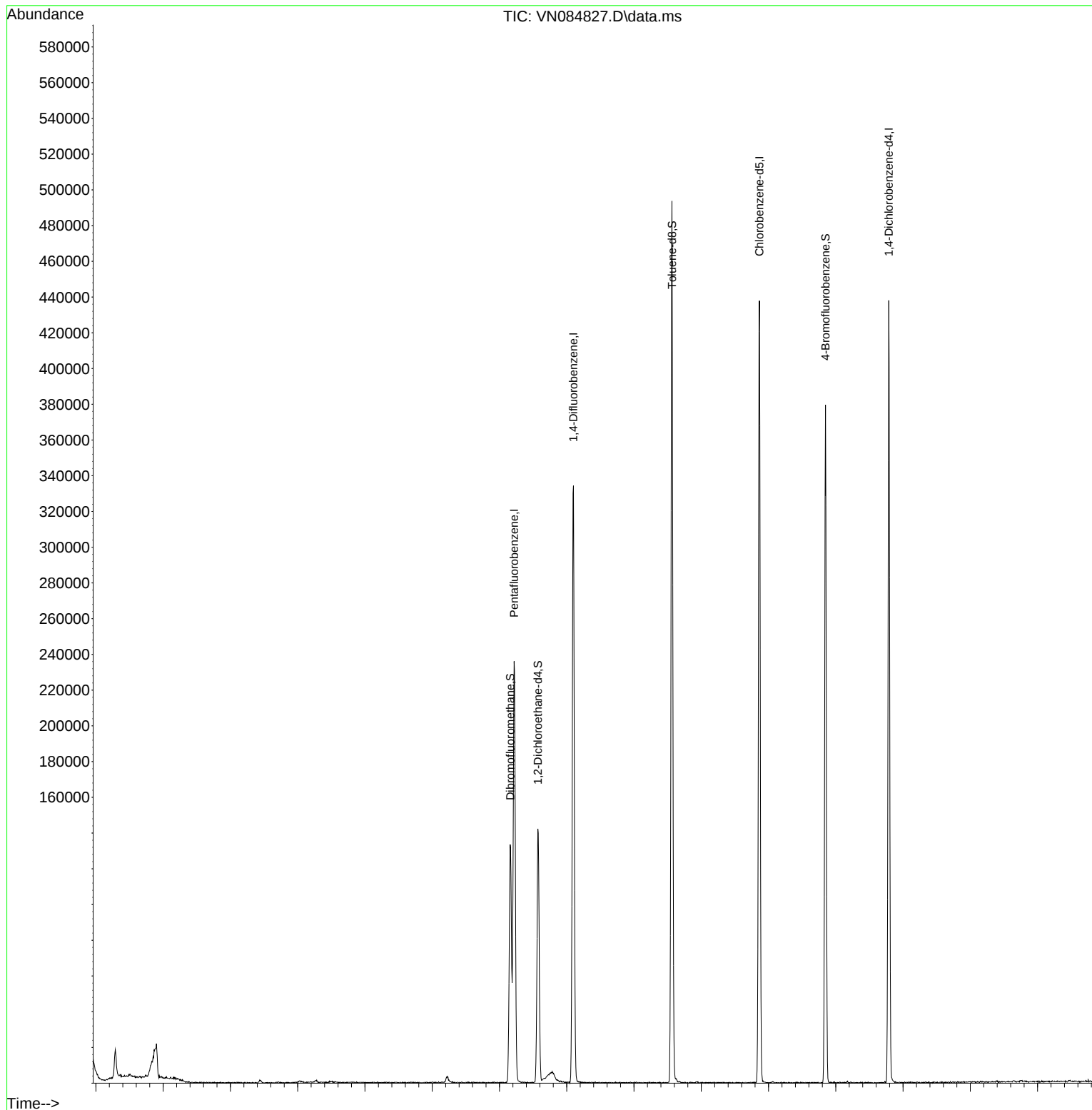
Target Compounds Qvalue

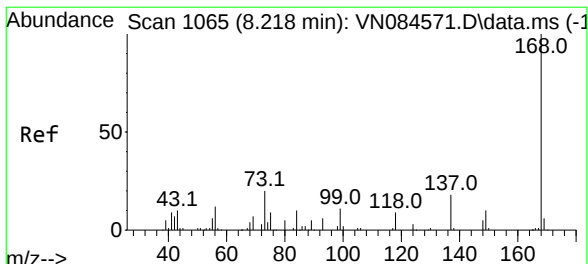
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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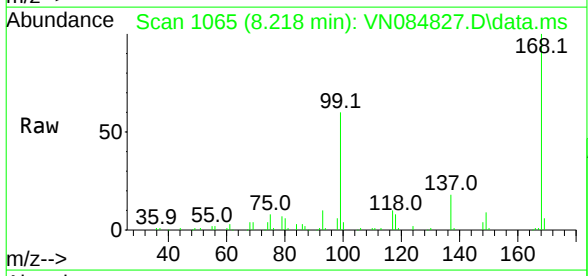
Quant Time: Nov 14 00:37:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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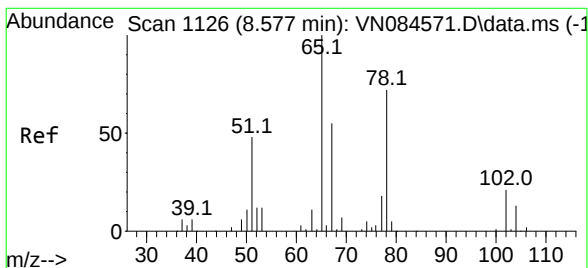
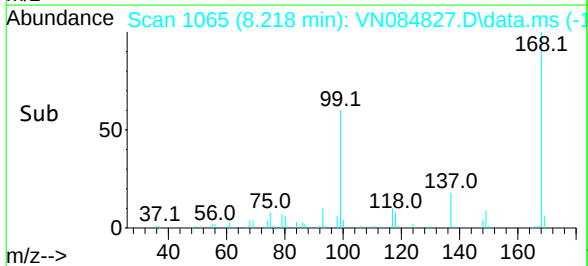
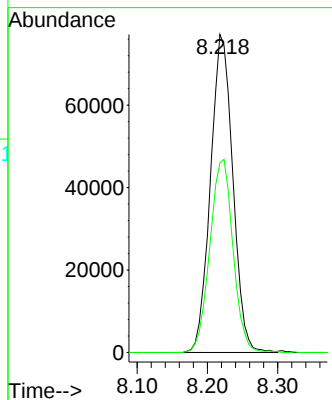


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084827.D
Acq: 13 Nov 2024 15:35

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

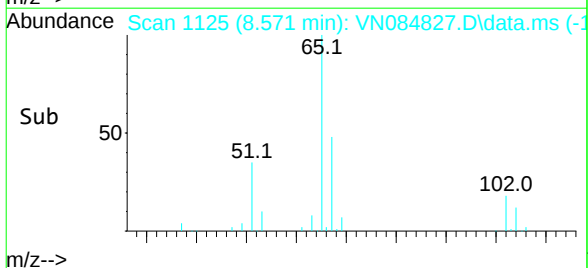
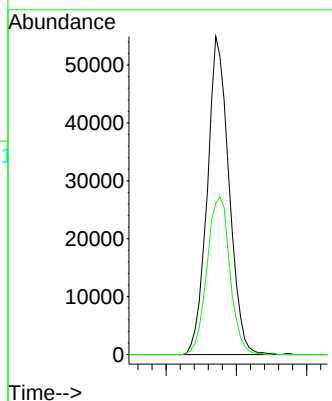
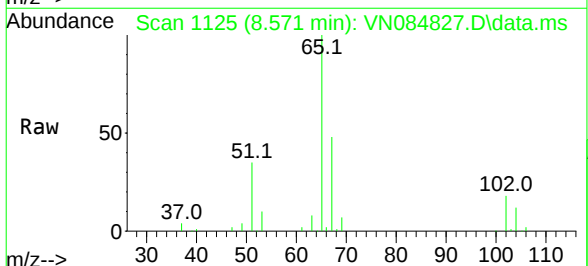


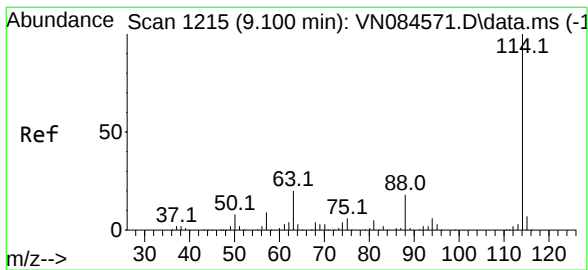
Tgt Ion:168 Resp: 170577
Ion Ratio Lower Upper
168 100
99 59.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.895 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084827.D
Acq: 13 Nov 2024 15:35

Tgt Ion: 65 Resp: 118000
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0

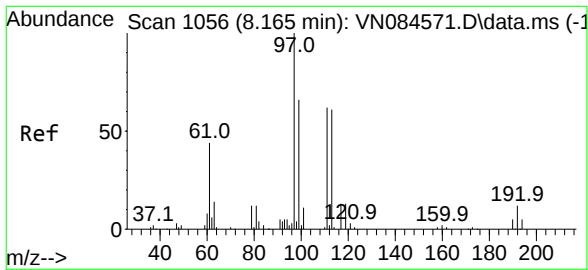
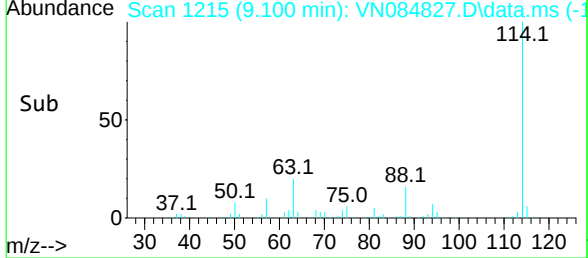
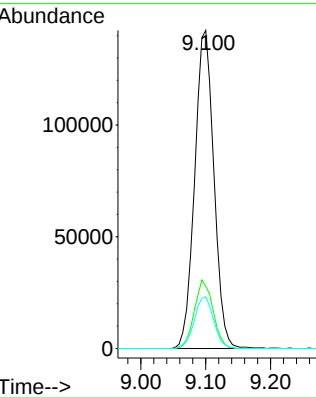
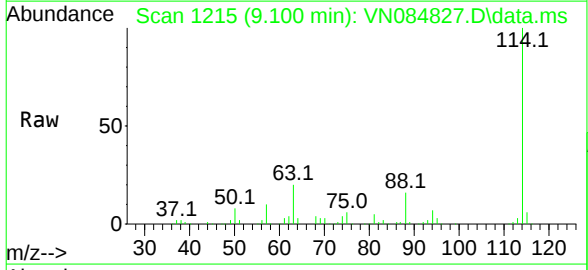




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084827.D
 Acq: 13 Nov 2024 15:35

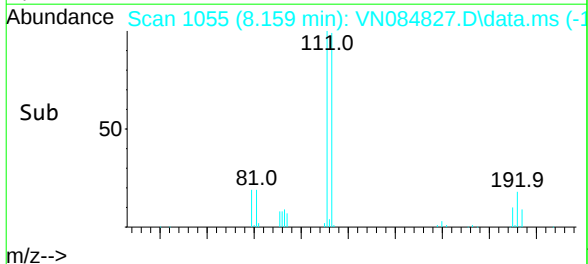
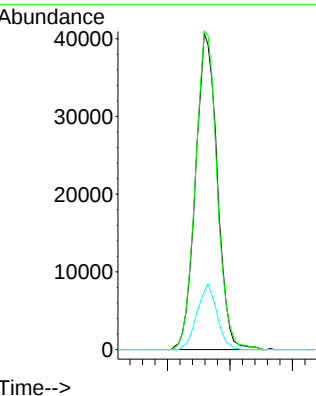
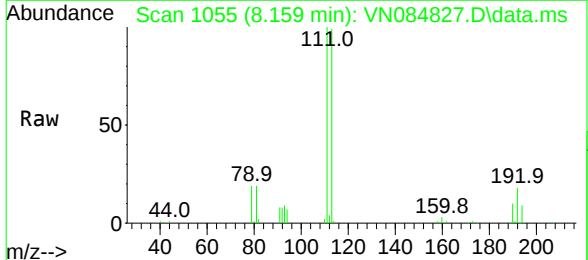
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

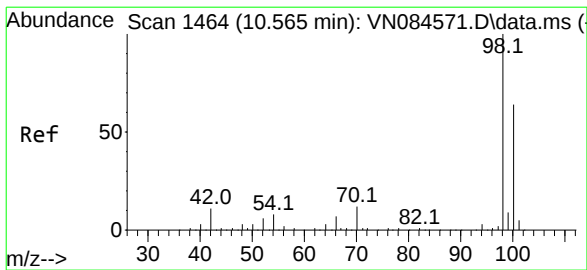
Tgt Ion:	114	Resp:	292604
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	43.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.529 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084827.D
 Acq: 13 Nov 2024 15:35

Tgt Ion:	113	Resp:	98095
Ion Ratio	Lower	Upper	
113	100		
111	100.6	83.3	124.9
192	18.9	13.5	20.3





#50

Toluene-d8

Concen: 46.285 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084827.D

Acq: 13 Nov 2024 15:35

Instrument :

MSVOA_N

ClientSampleId :

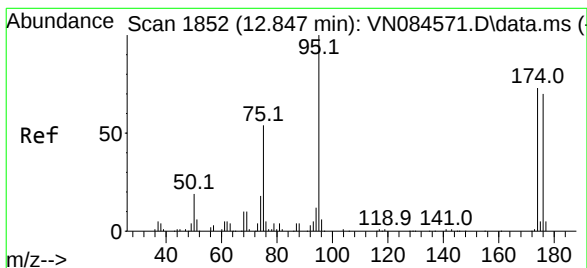
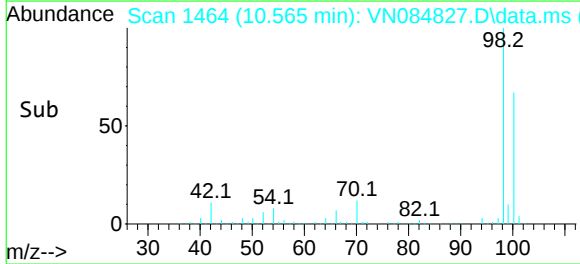
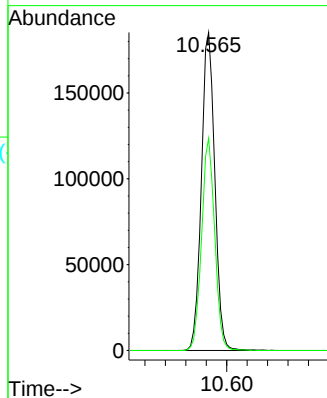
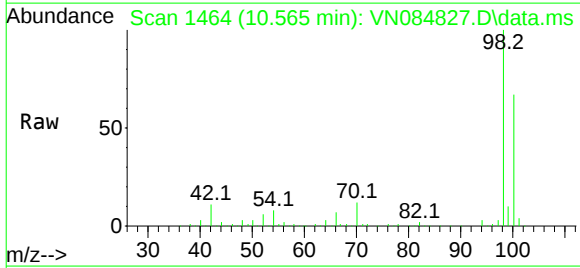
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 337686

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.051 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084827.D

Acq: 13 Nov 2024 15:35

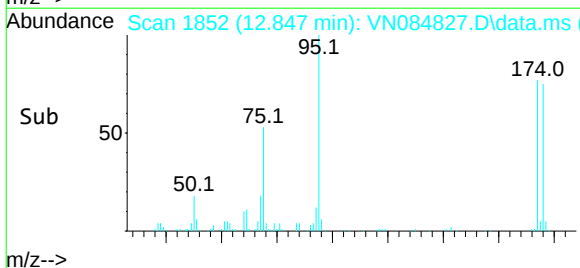
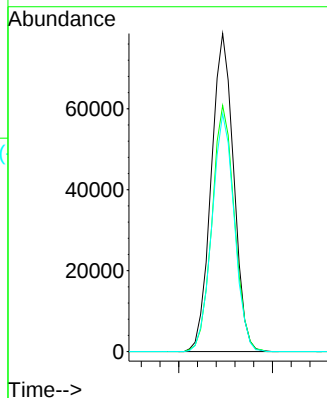
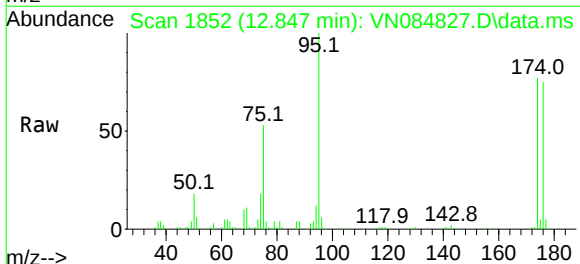
Tgt Ion: 95 Resp: 131019

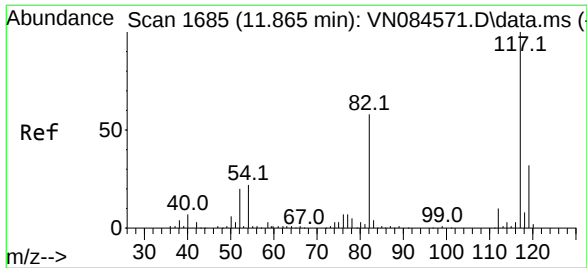
Ion Ratio Lower Upper

95 100

174 77.0 0.0 145.2

176 74.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084827.D

Acq: 13 Nov 2024 15:35

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

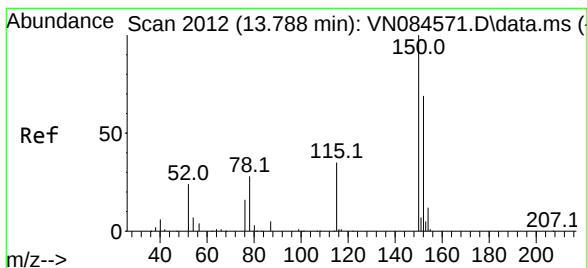
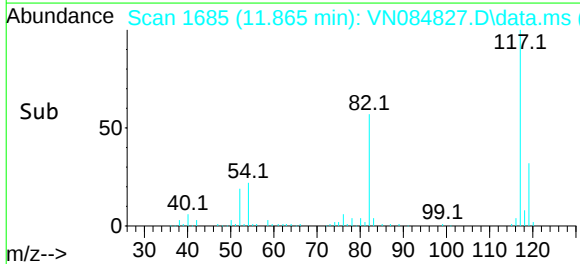
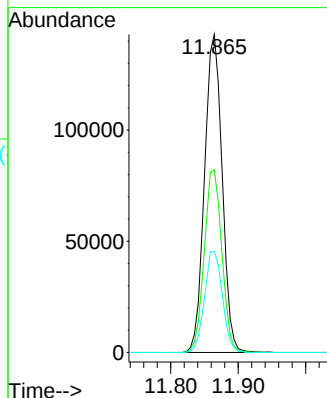
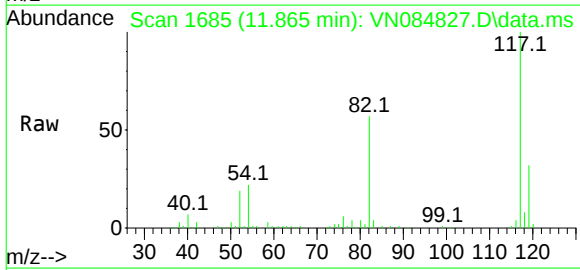
Tgt Ion:117 Resp: 259514

Ion Ratio Lower Upper

117 100

82 57.4 47.2 70.8

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084827.D

Acq: 13 Nov 2024 15:35

Tgt Ion:152 Resp: 118301

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.9

150 159.0 0.0 349.8

