

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081990.D
 Acq On : 03 May 2024 14:36
 Operator : JC\MD
 Sample : P2377-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 06 01:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	170707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141082	48.968	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.940%	
35) Dibromofluoromethane	8.171	113	105666	50.414	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.820%	
50) Toluene-d8	10.565	98	434783	52.818	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.640%	
62) 4-Bromofluorobenzene	12.847	95	148346	45.588	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	91.180%	

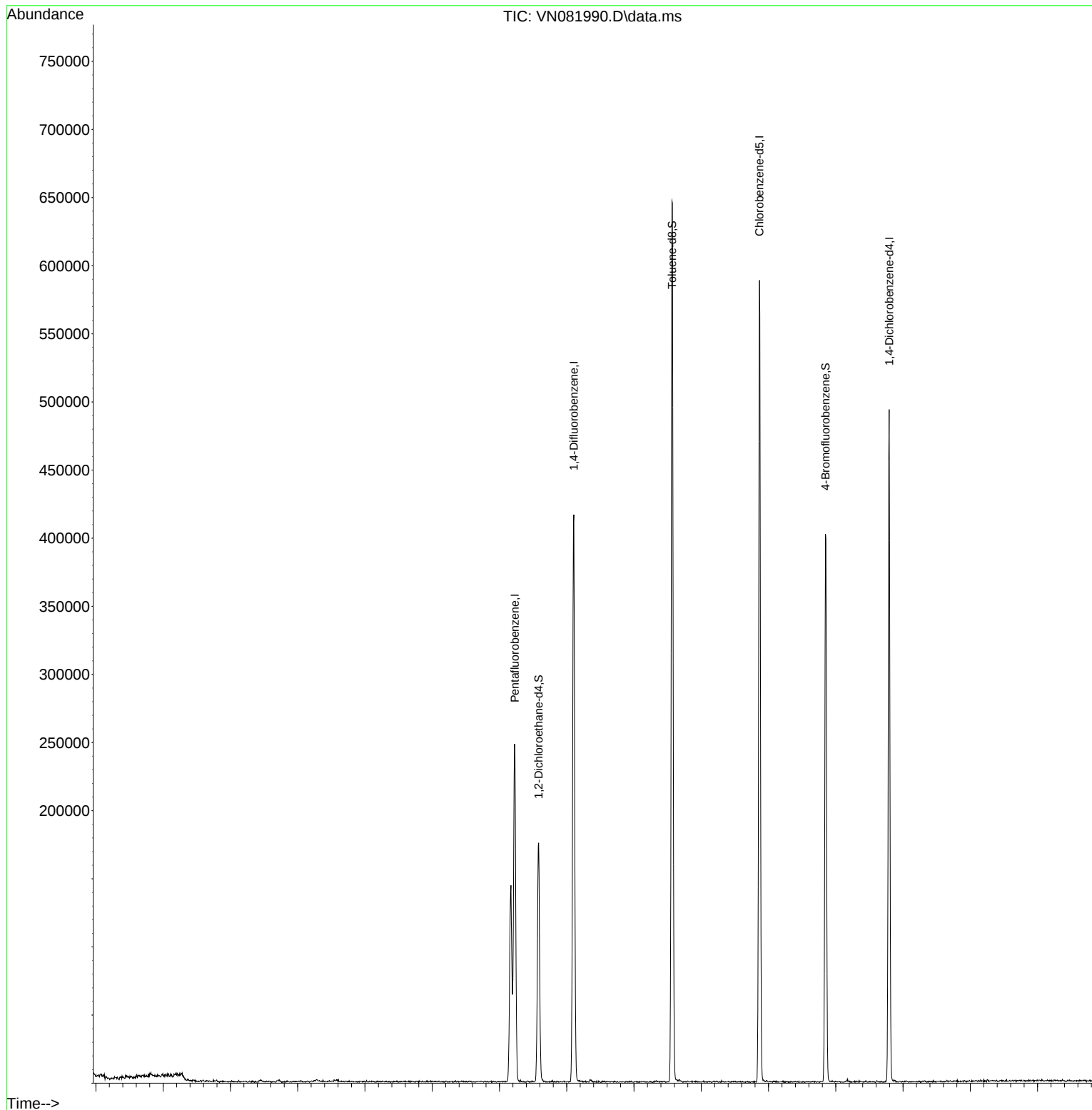
Target Compounds Qvalue

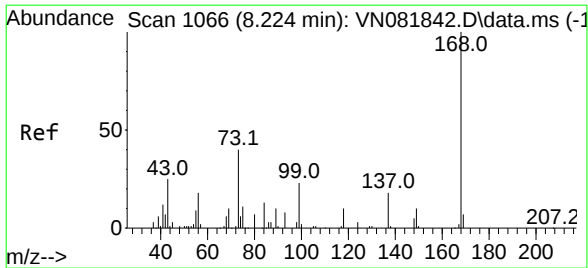
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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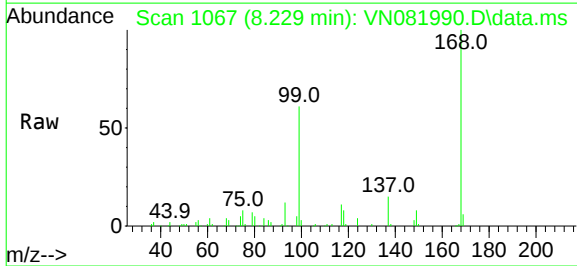
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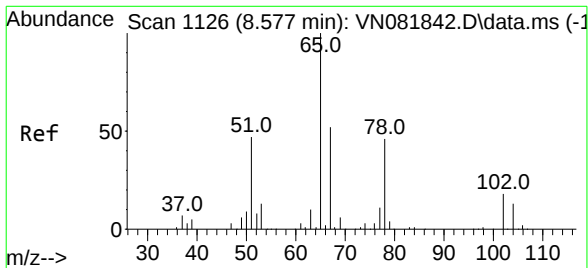
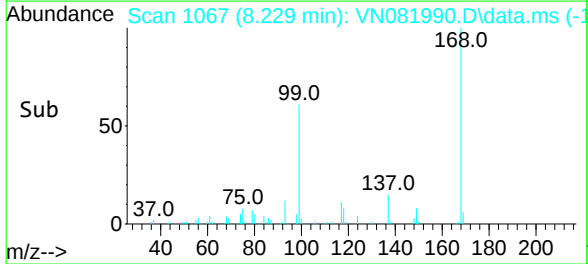
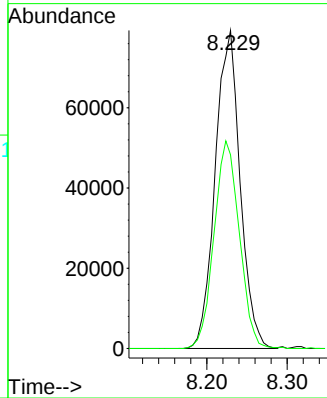


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

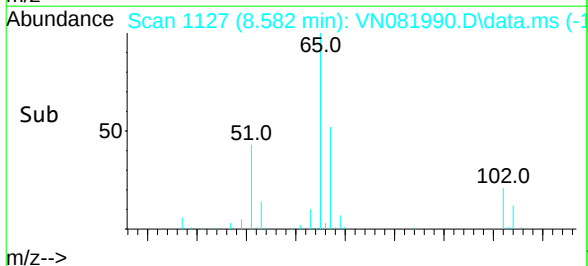
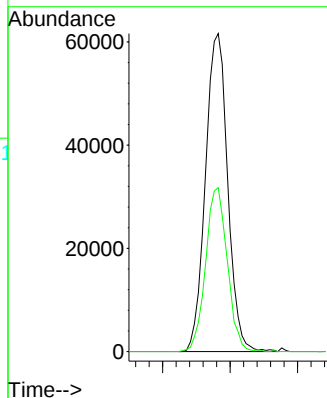
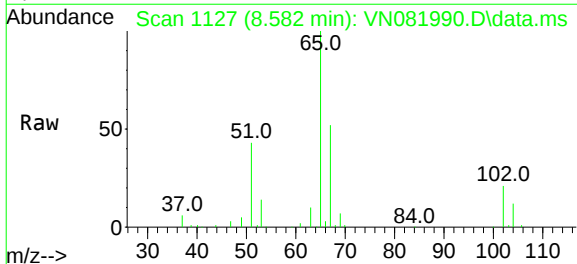


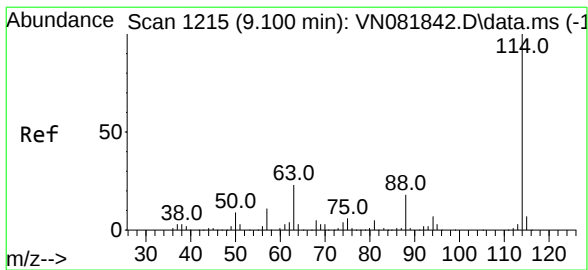
Tgt Ion:168 Resp: 170707
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 48.968 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Tgt Ion: 65 Resp: 141082
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN081990.D

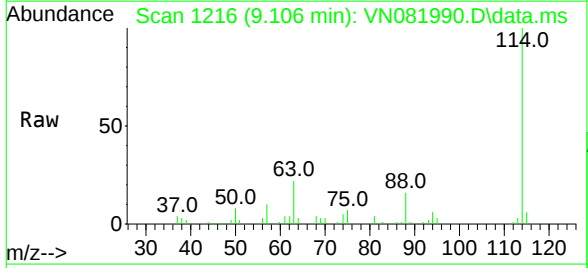
Acq: 03 May 2024 14:36

Instrument :

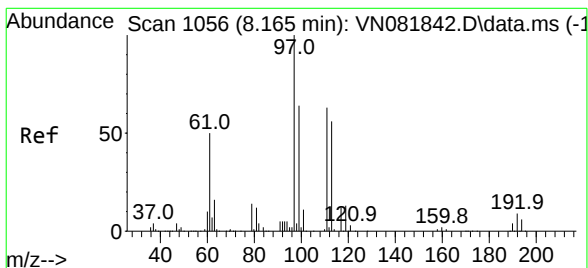
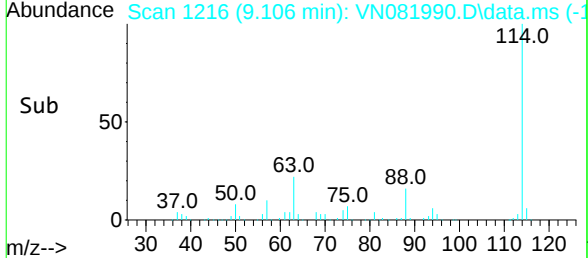
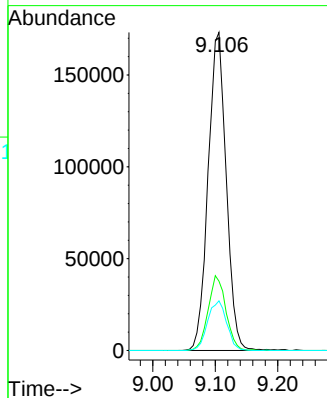
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	114	Resp:	348118
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	41.0
88	15.6	0.0	31.4



#35

Dibromofluoromethane

Concen: 50.414 ug/l

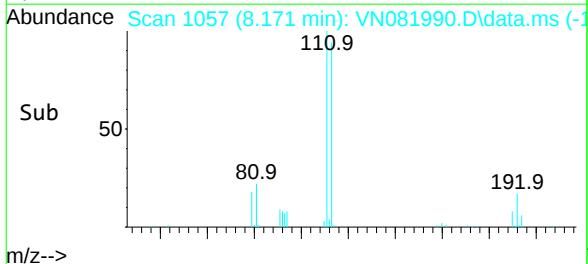
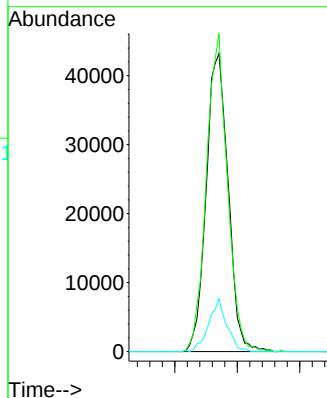
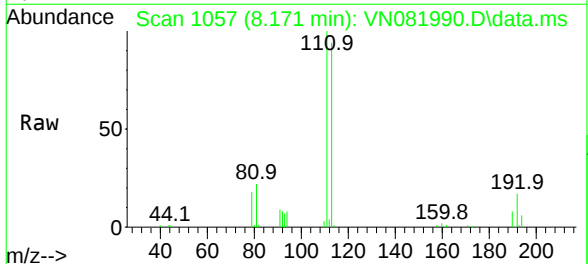
RT: 8.171 min Scan# 1057

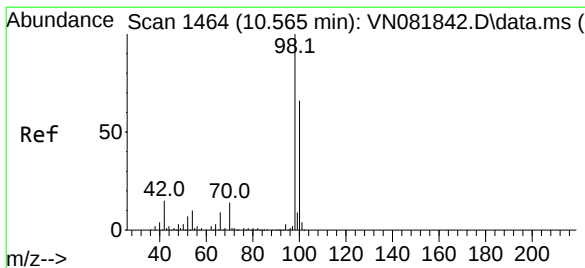
Delta R.T. 0.006 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Tgt Ion:	113	Resp:	105666
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.4	125.2
192	14.6	14.0	21.0





#50

Toluene-d8

Concen: 52.818 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

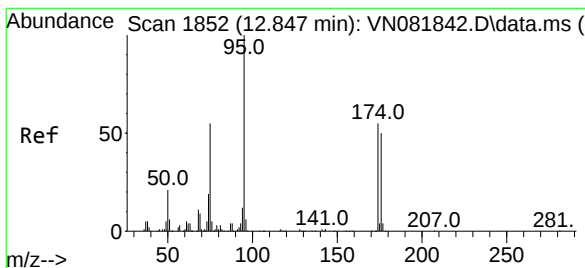
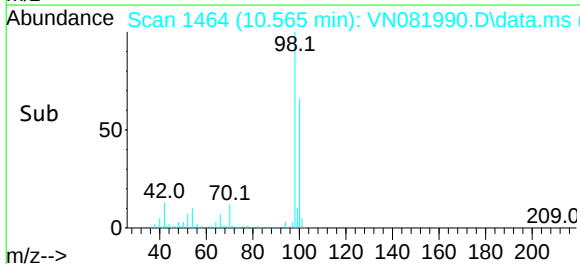
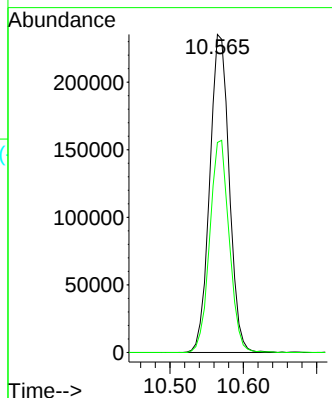
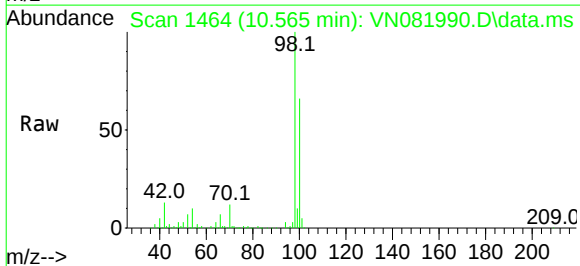
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 434783

Ion Ratio Lower Upper

98 100

100 66.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 45.588 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

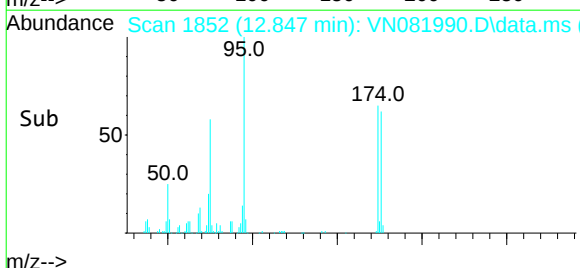
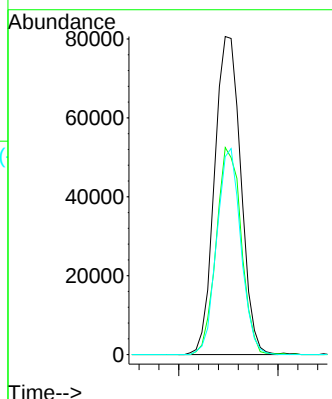
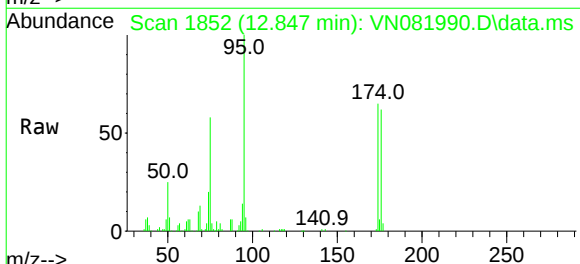
Tgt Ion: 95 Resp: 148346

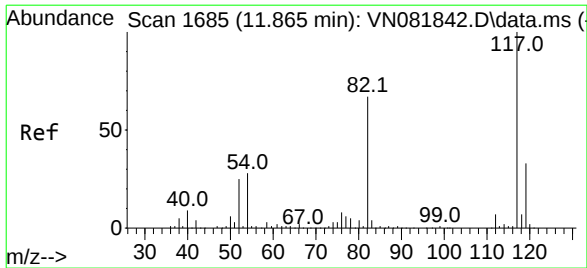
Ion Ratio Lower Upper

95 100

174 62.1 0.0 160.6

176 59.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

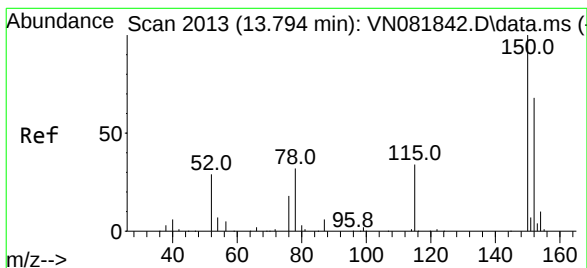
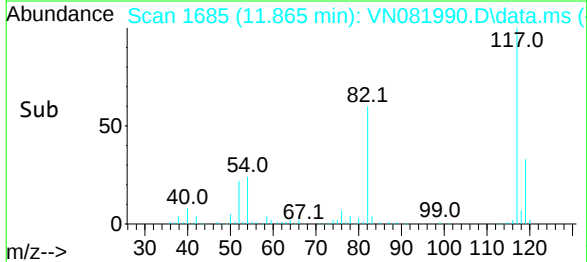
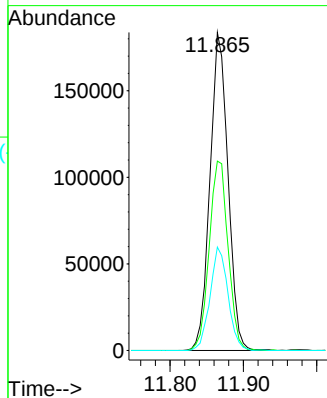
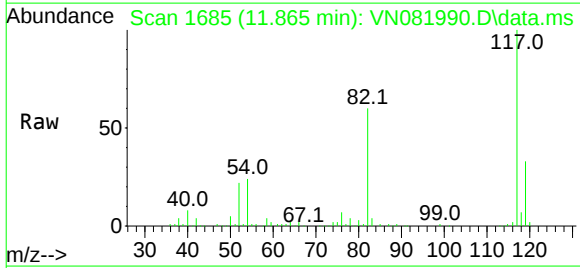
Tgt Ion:117 Resp: 313599

Ion Ratio Lower Upper

117 100

82 59.5 44.6 66.8

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Tgt Ion:152 Resp: 118595

Ion Ratio Lower Upper

152 100

115 64.0 30.4 91.3

150 160.3 0.0 353.2

