

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083653.D
 Acq On : 04 Sep 2024 16:42
 Operator : JC\MD
 Sample : P3804-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 05 02:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114389	56.498	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.000%
35) Dibromofluoromethane	8.165	113	91405	51.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.565	98	332430	48.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.847	95	159737	62.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	124.760%#

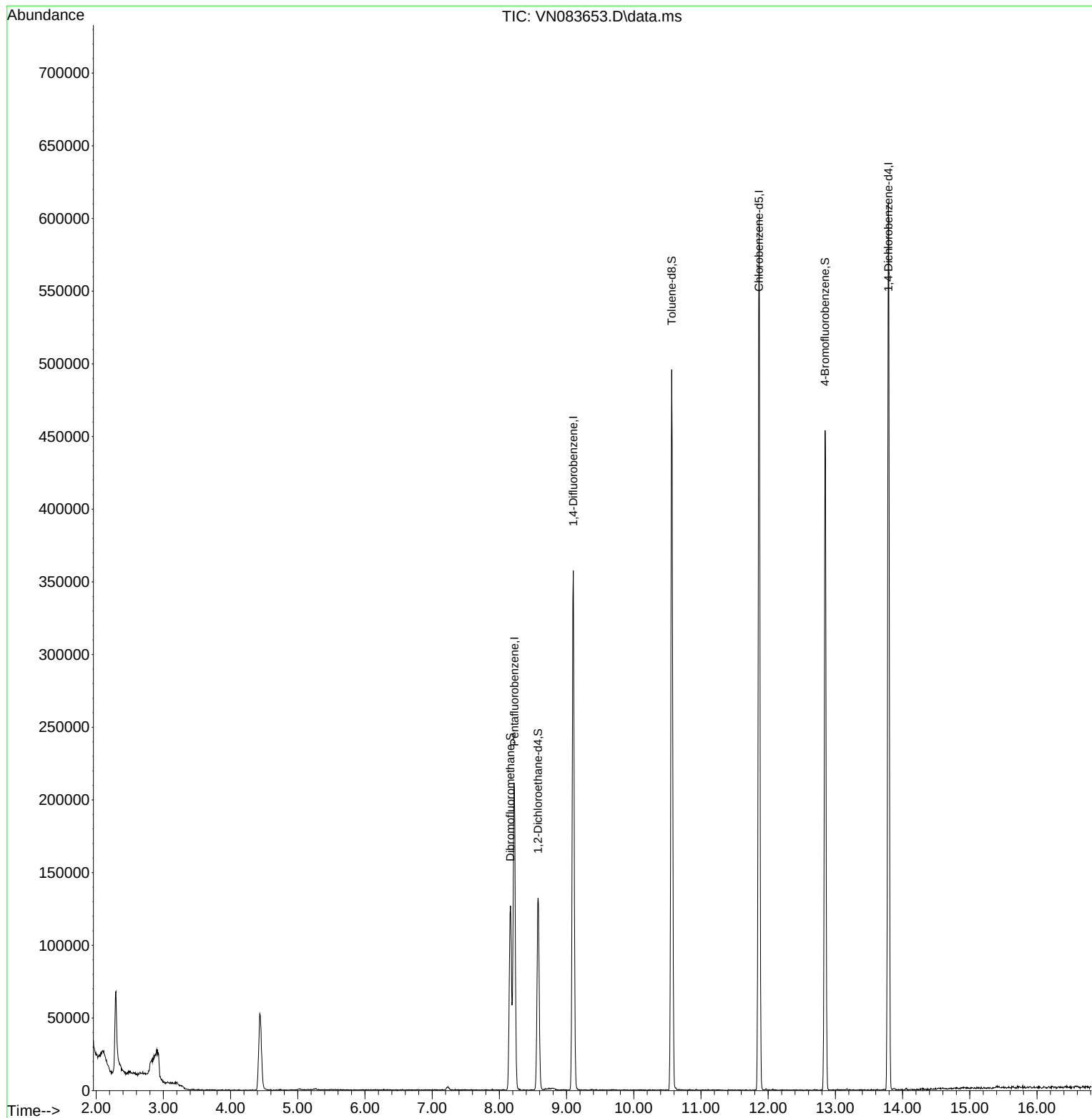
Target Compounds	Qvalue

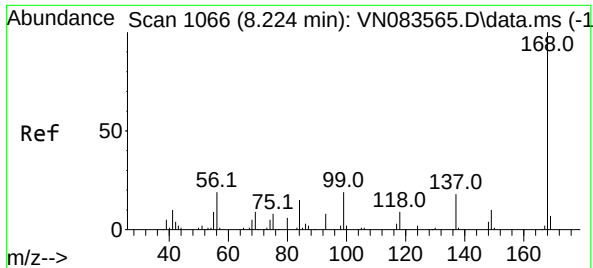
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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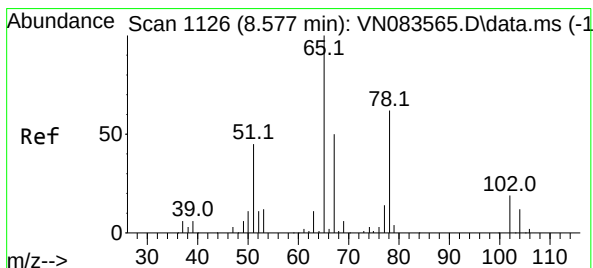
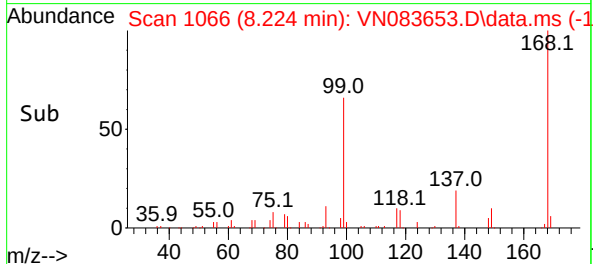
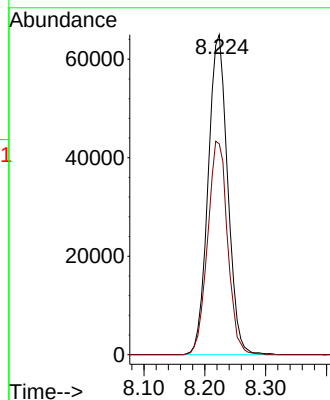
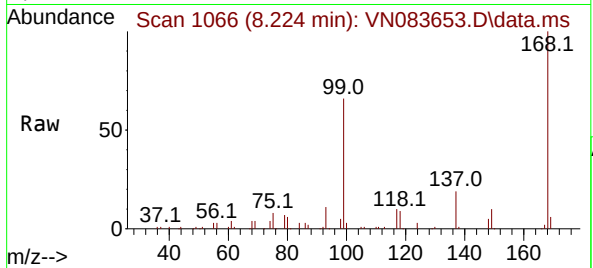




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

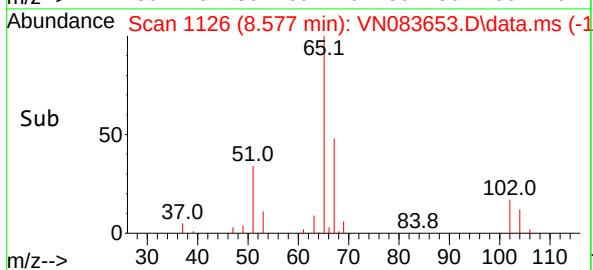
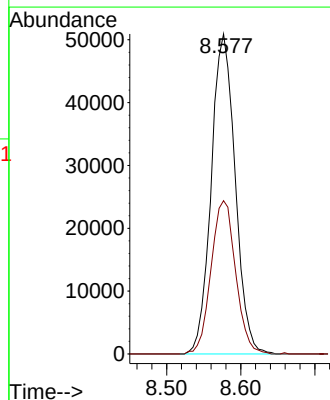
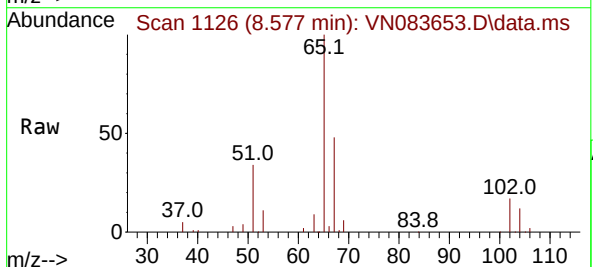
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

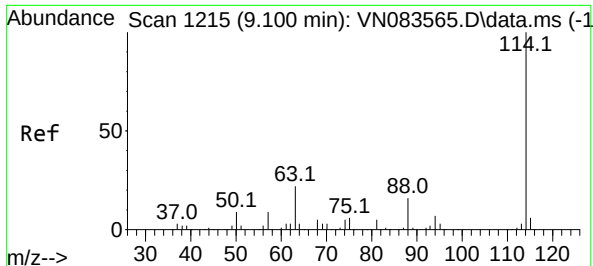
Tgt Ion:168 Resp: 144867
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.498 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion: 65 Resp: 114389
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.8

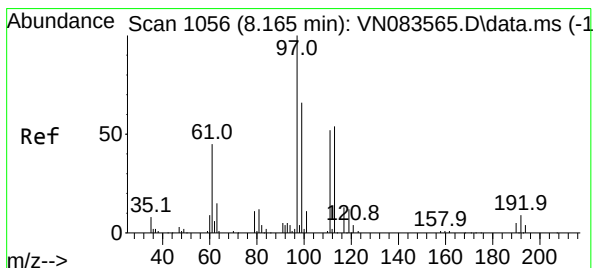
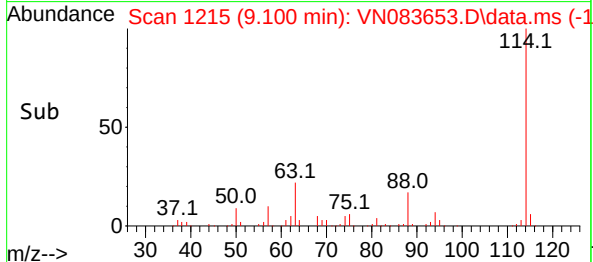
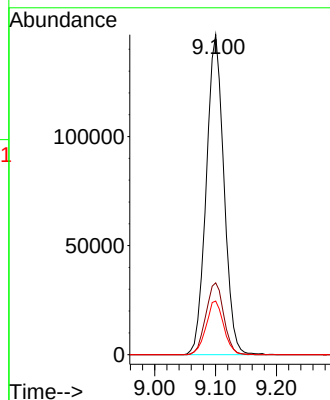
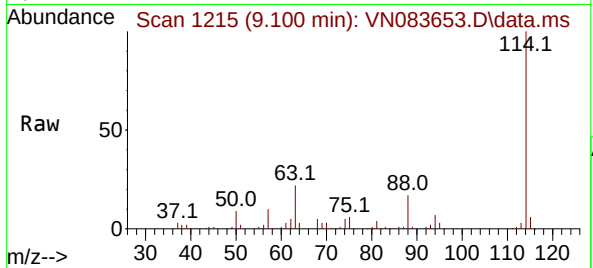




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

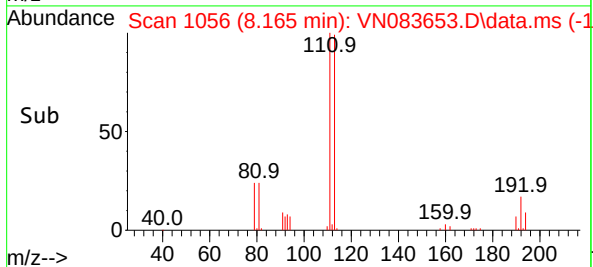
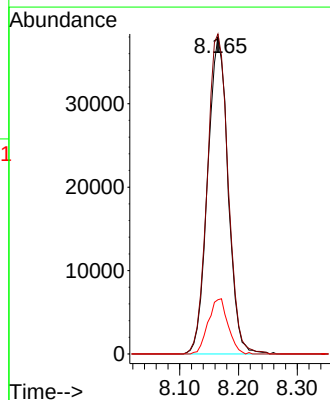
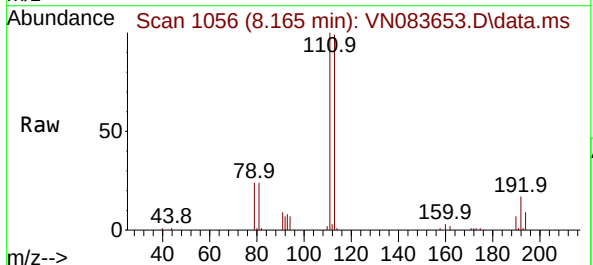
Instrument :
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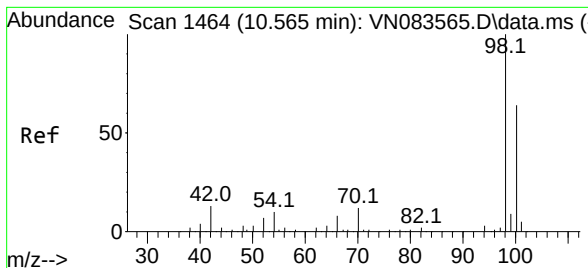
Tgt Ion:114 Resp: 294943
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.490 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion:113 Resp: 91405
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 16.9 14.3 21.5

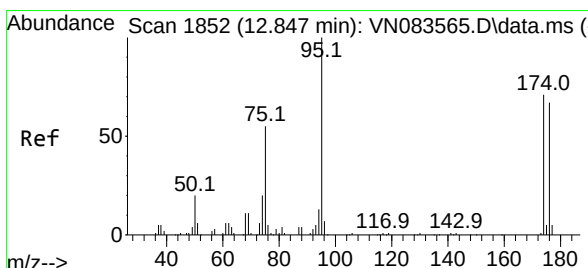
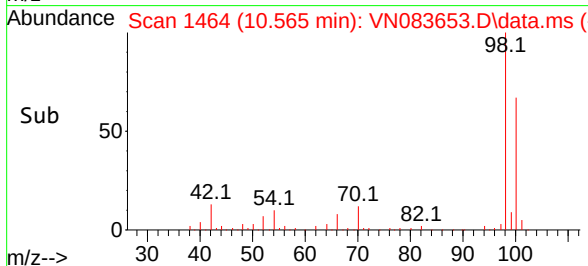
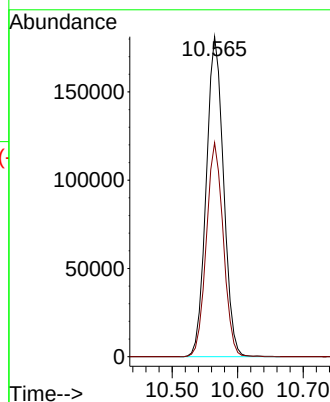
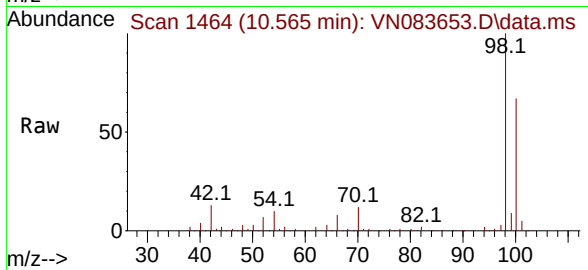




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

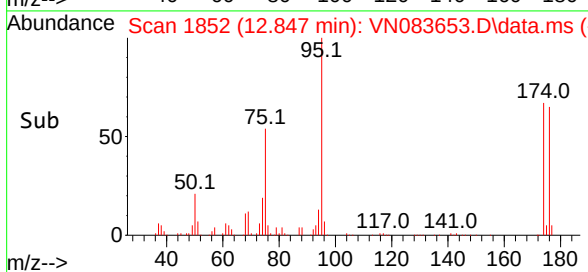
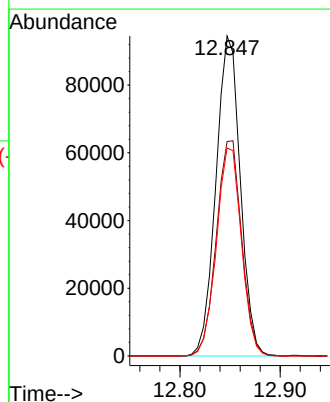
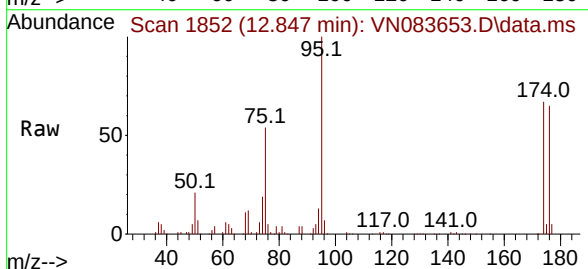
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SOIL-REF-6

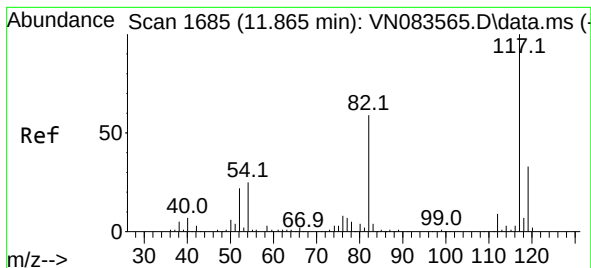
Tgt Ion: 98 Resp: 332430
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 62.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion: 95 Resp: 159737
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 66.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083653.D

Acq: 04 Sep 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

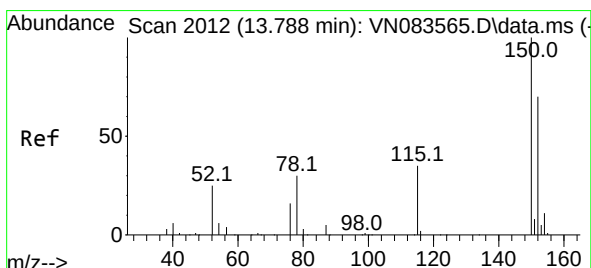
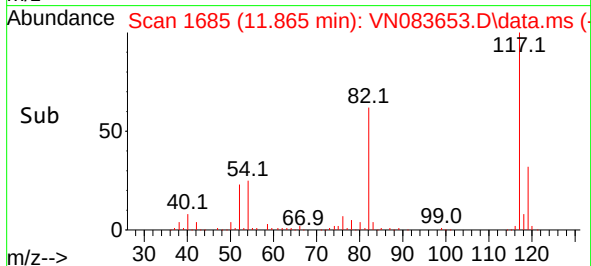
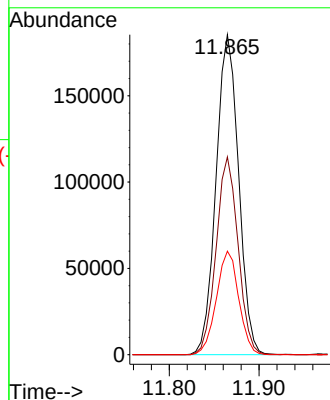
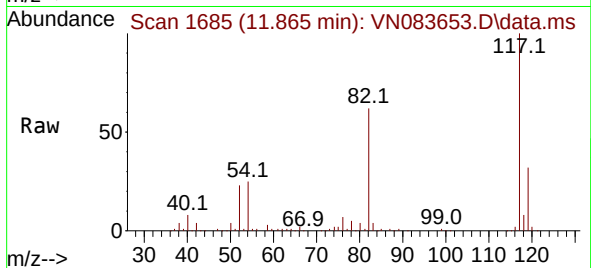
Tgt Ion:117 Resp: 323833

Ion Ratio Lower Upper

117 100

82 61.8 47.4 71.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083653.D

Acq: 04 Sep 2024 16:42

Tgt Ion:152 Resp: 155031

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

150 160.1 0.0 348.6

