

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078615.D
 Acq On : 21 Jul 2023 15:48
 Operator : JC\MD
 Sample : 03704-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 21 23:25:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	427328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	717552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	285908	49.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.820%
35) Dibromofluoromethane	8.177	113	283306	54.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.280%
50) Toluene-d8	10.577	98	906396	46.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.853	95	299243	49.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.200%

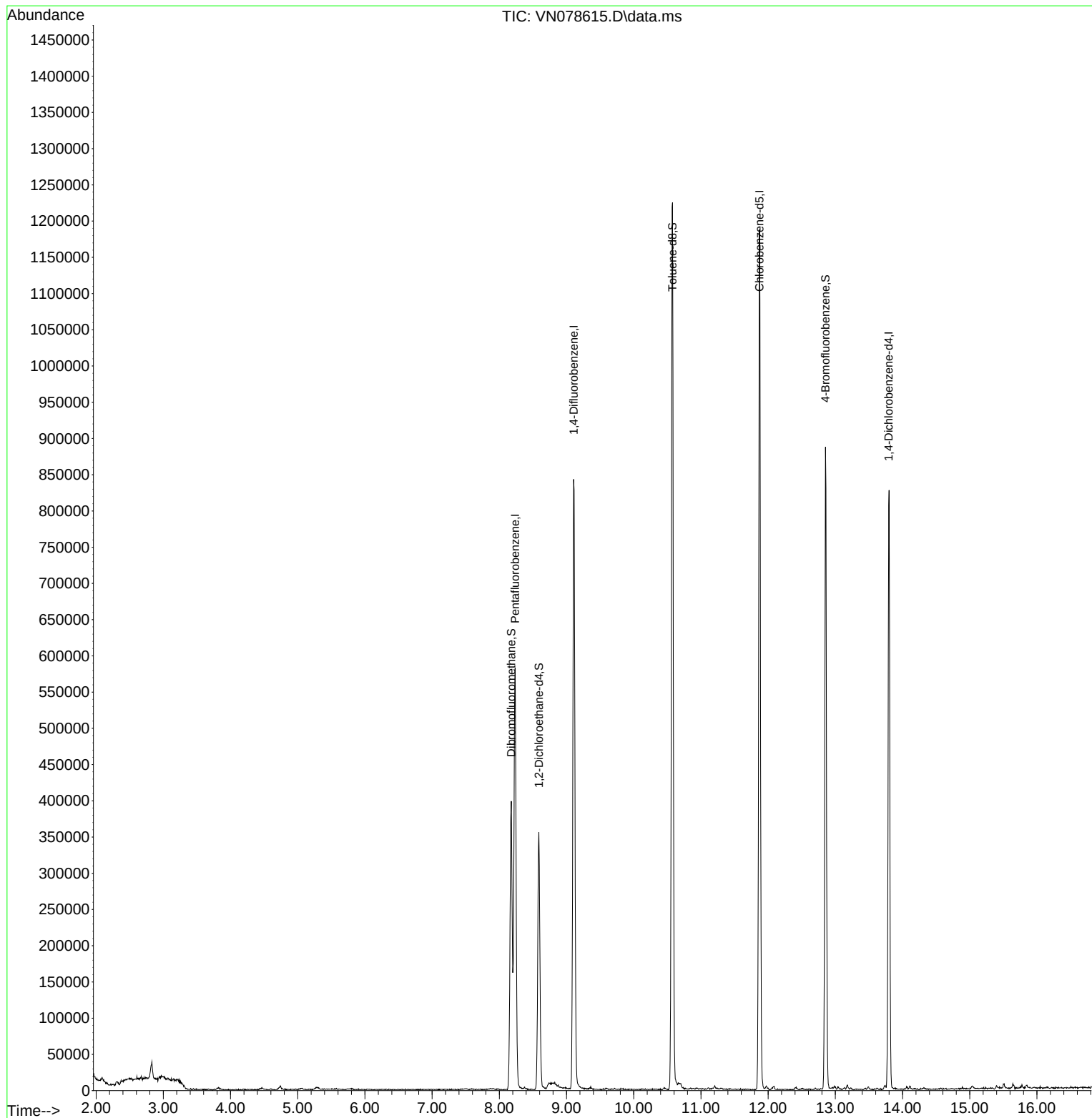
Target Compounds	Qvalue

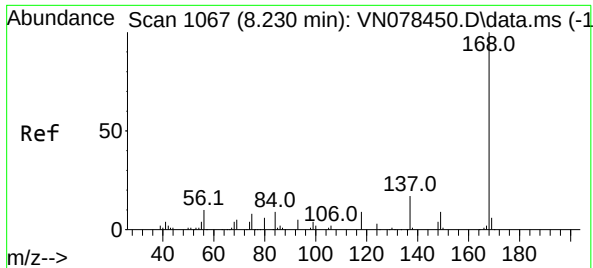
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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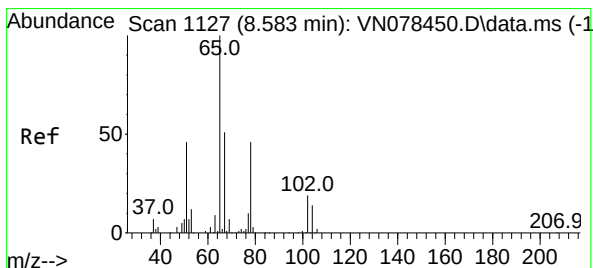
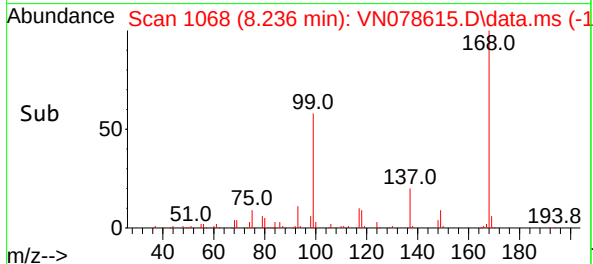
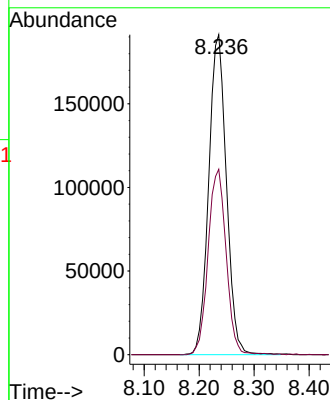
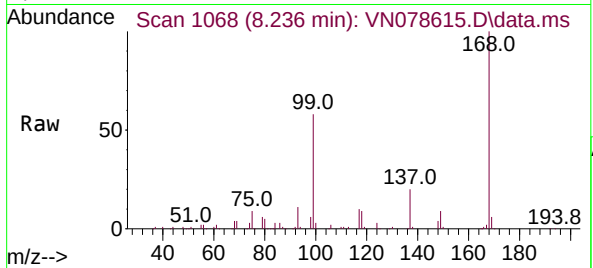




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078615.D
Acq: 21 Jul 2023 15:48

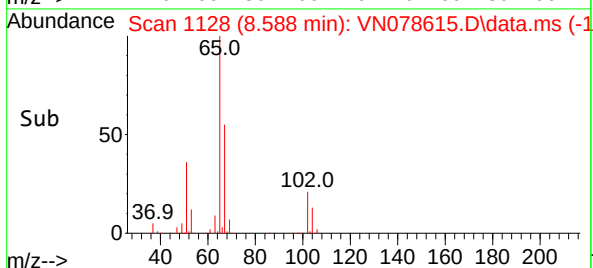
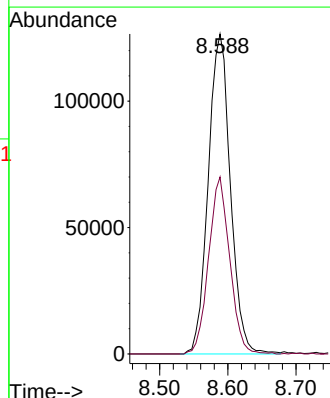
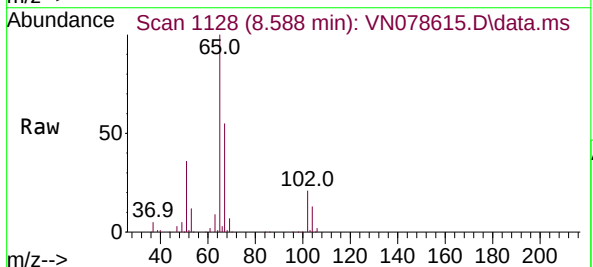
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

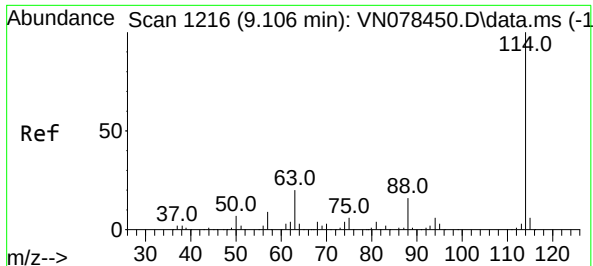
Tgt Ion:168 Resp: 427328
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.907 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078615.D
Acq: 21 Jul 2023 15:48

Tgt Ion: 65 Resp: 285908
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078615.D

Acq: 21 Jul 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

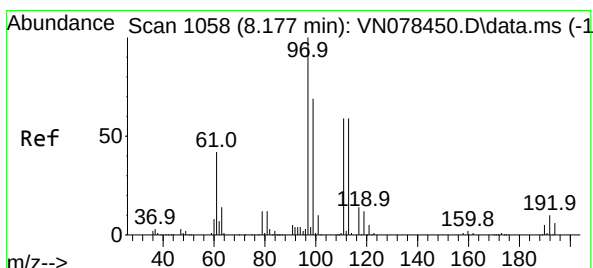
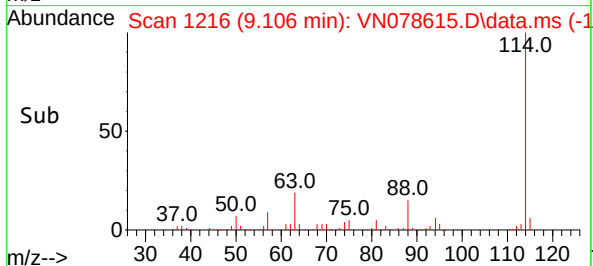
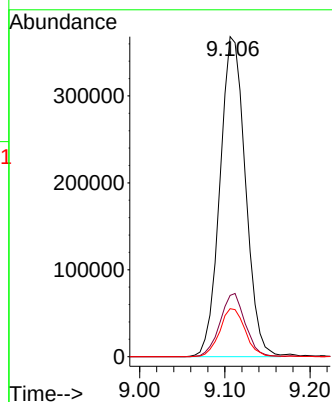
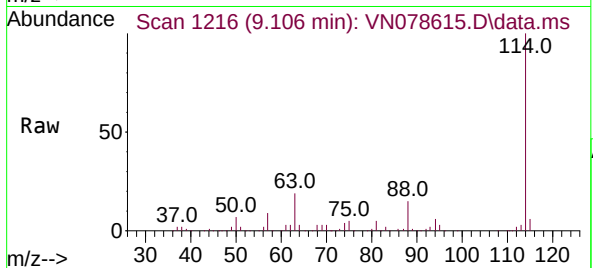
Tgt Ion:114 Resp: 763737

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.645 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078615.D

Acq: 21 Jul 2023 15:48

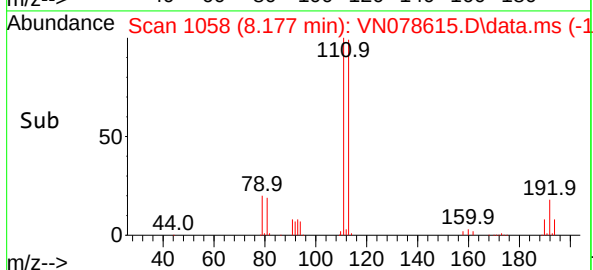
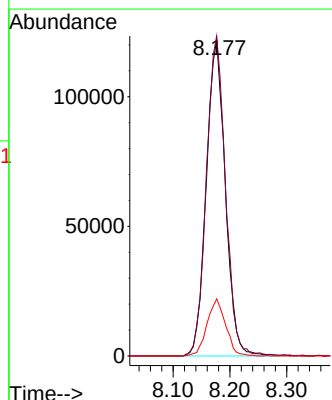
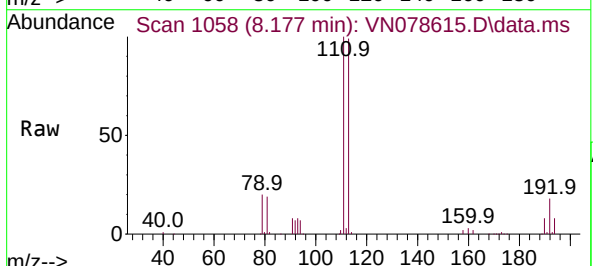
Tgt Ion:113 Resp: 283306

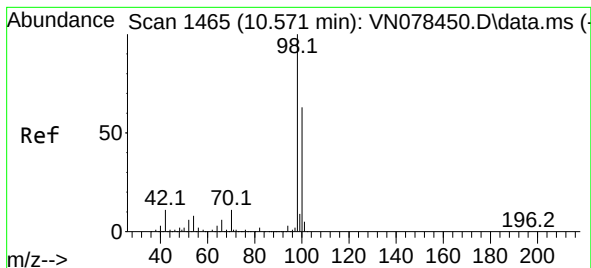
Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 17.7 12.7 19.1

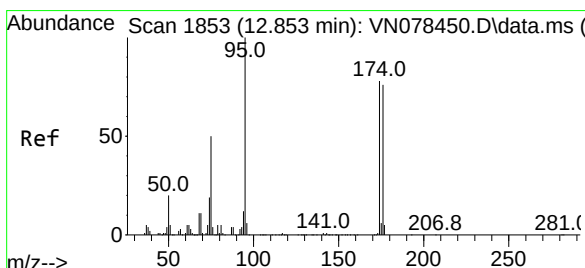
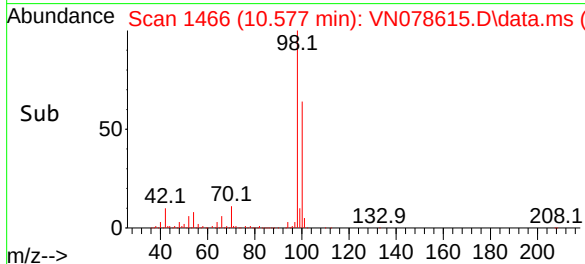
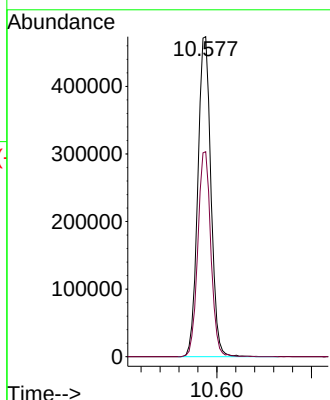
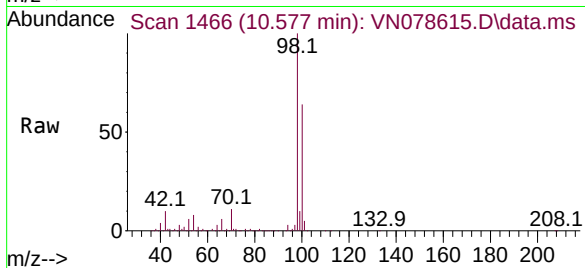




#50
Toluene-d8
Concen: 46.279 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078615.D
Acq: 21 Jul 2023 15:48

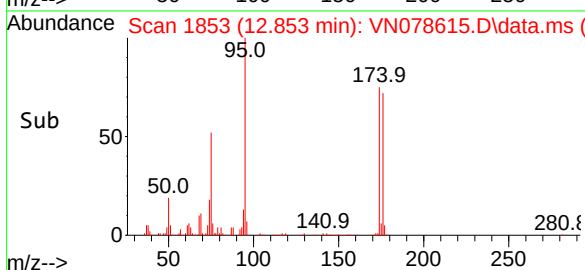
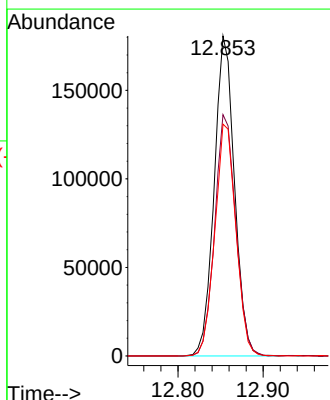
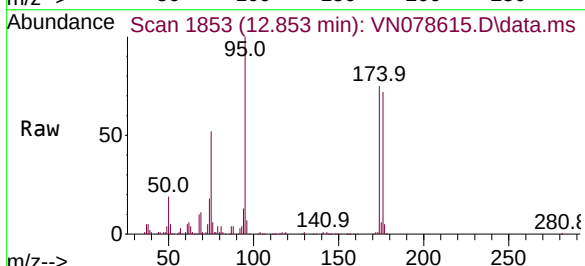
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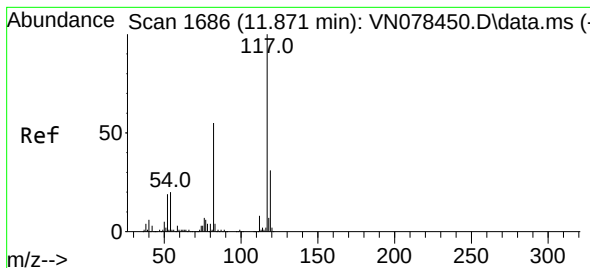
Tgt Ion: 98 Resp: 906396
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.603 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078615.D
Acq: 21 Jul 2023 15:48

Tgt Ion: 95 Resp: 299243
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 75.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078615.D

Acq: 21 Jul 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

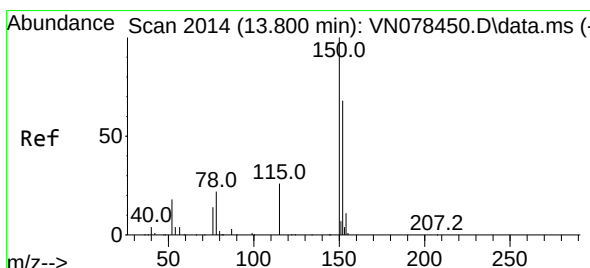
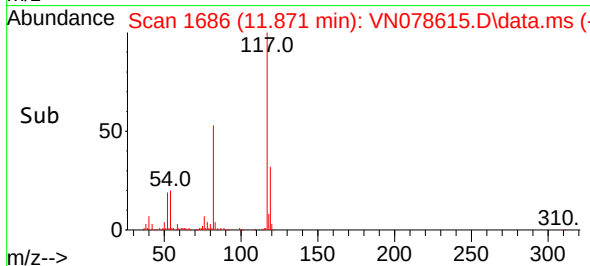
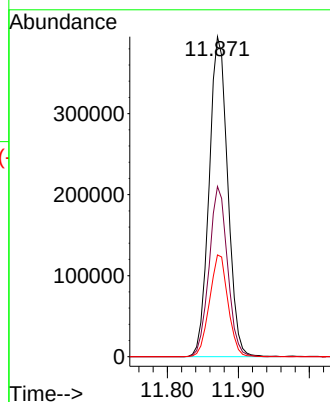
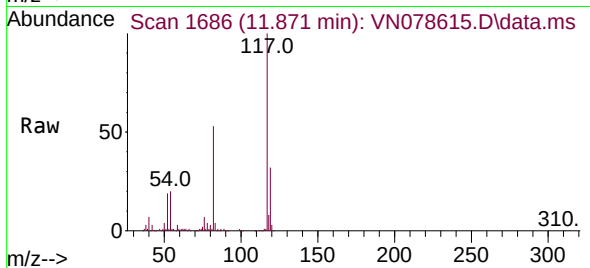
Tgt Ion:117 Resp: 717552

Ion Ratio Lower Upper

117 100

82 53.2 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078615.D

Acq: 21 Jul 2023 15:48

Tgt Ion:152 Resp: 229628

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 156.4 0.0 355.8

