

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078151.D
 Acq On : 09 Jun 2023 17:22
 Operator : JC\MD
 Sample : 03119-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 09 23:12:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	438224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	799372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	699420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307044	52.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.100%
35) Dibromofluoromethane	8.171	113	268783	53.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.360%
50) Toluene-d8	10.571	98	962809	49.413	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.853	95	289043	47.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.440%

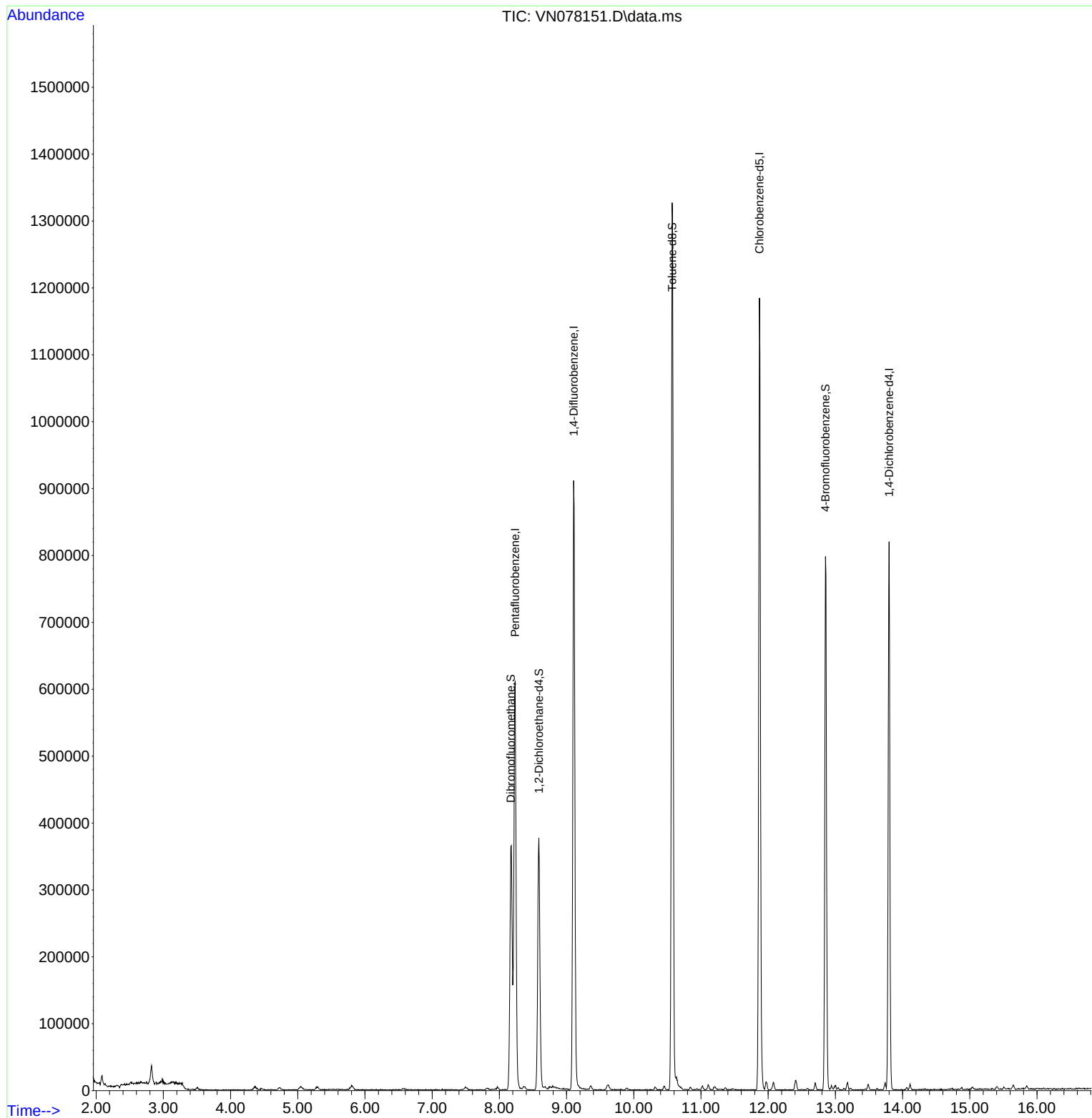
Target Compounds	Qvalue

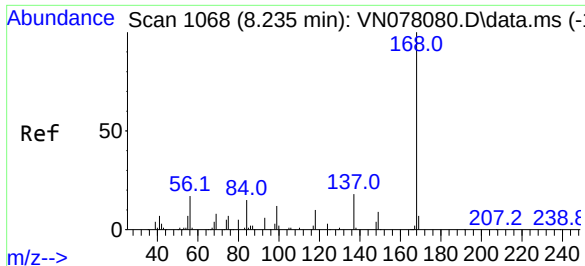
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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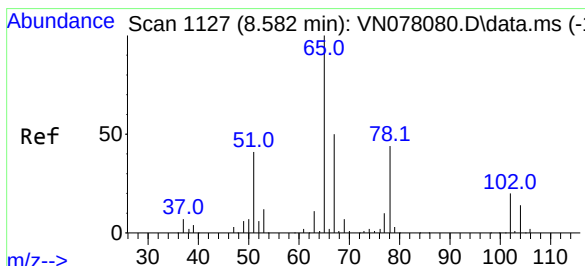
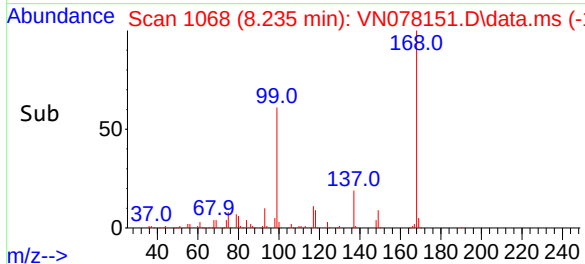
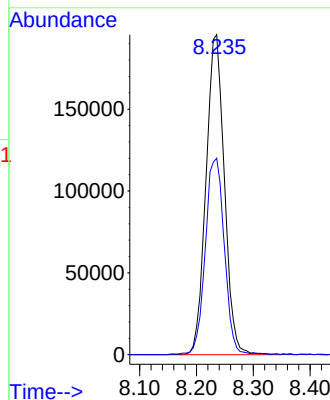
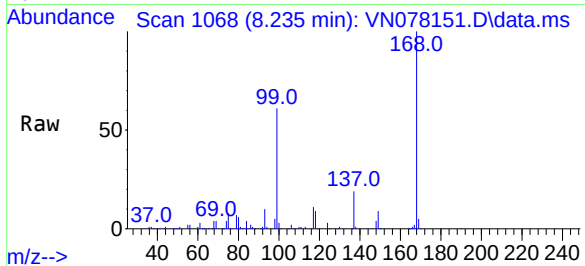




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

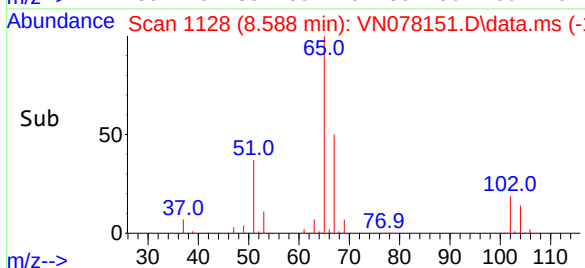
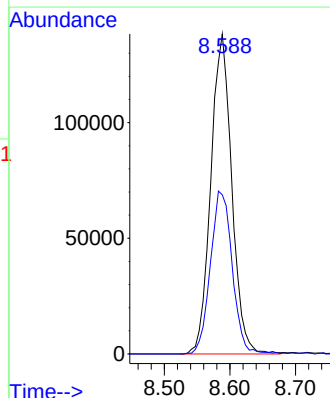
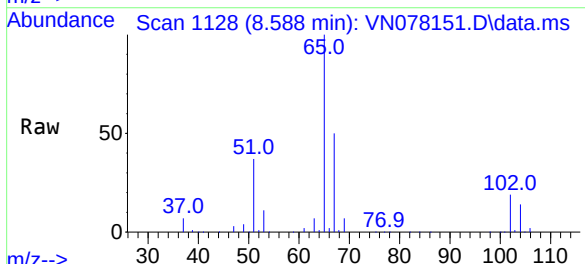
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

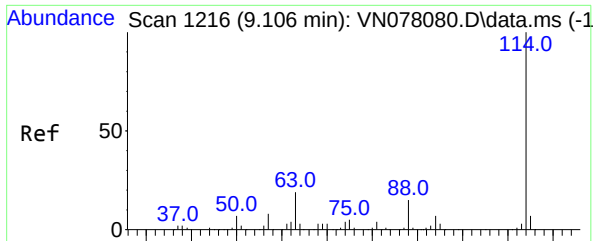
Tgt Ion:168 Resp: 438224
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.550 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

Tgt Ion: 65 Resp: 307044
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078151.D

Acq: 09 Jun 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

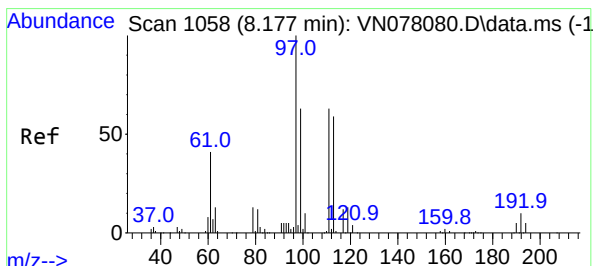
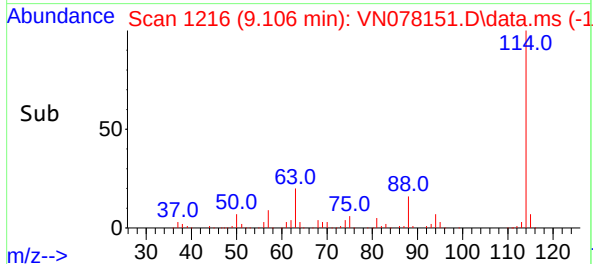
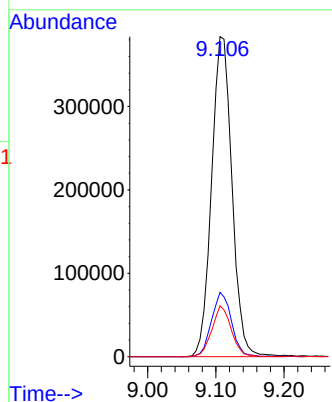
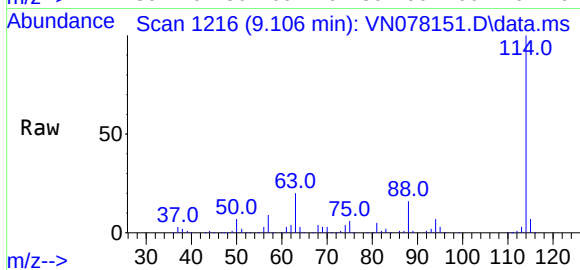
Tgt Ion:114 Resp: 799372

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.179 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078151.D

Acq: 09 Jun 2023 17:22

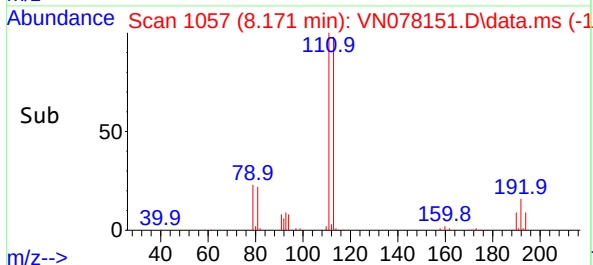
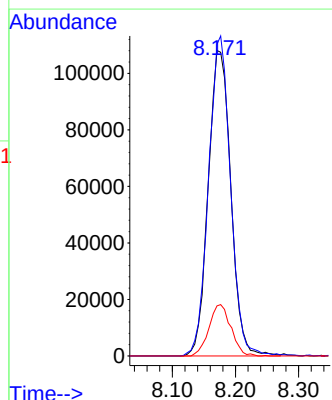
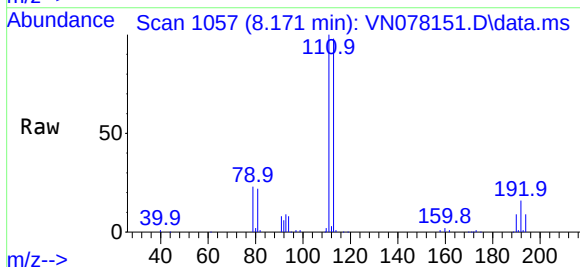
Tgt Ion:113 Resp: 268783

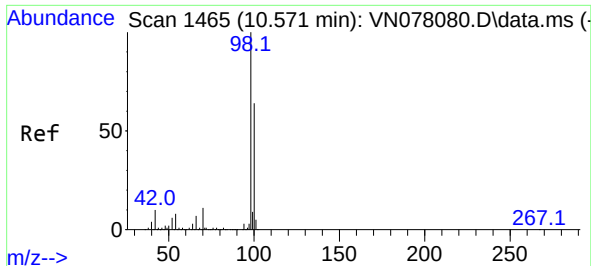
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 16.3 12.7 19.1

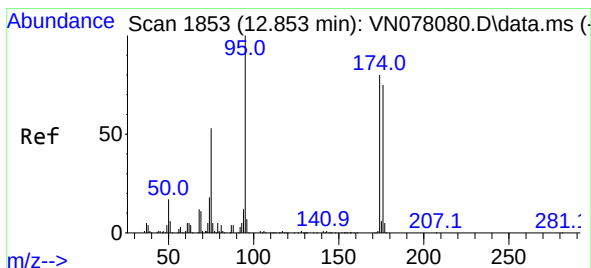
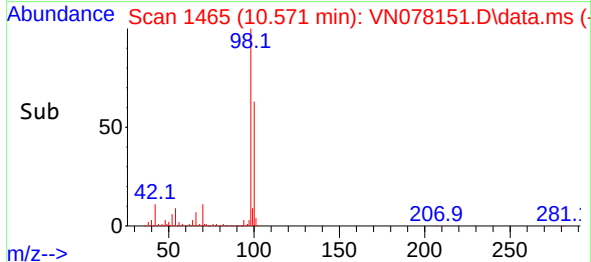
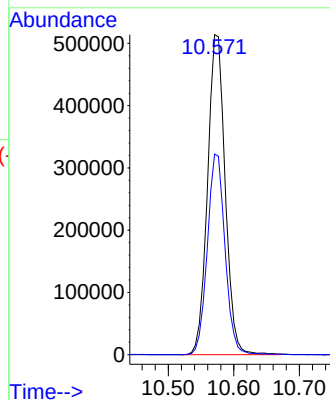
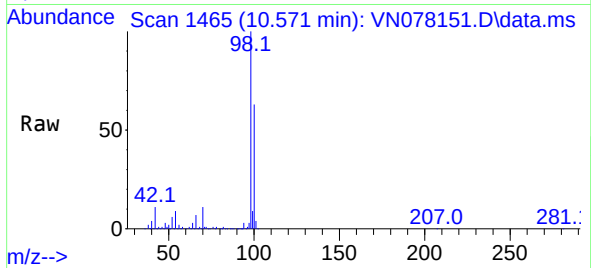




#50
Toluene-d8
Concen: 49.413 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

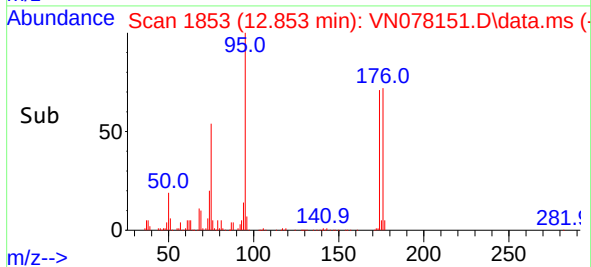
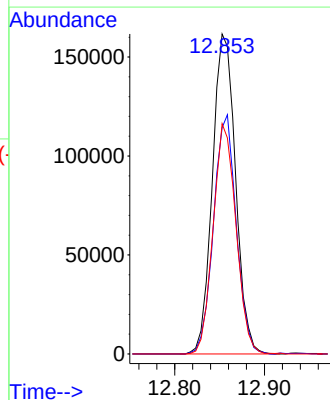
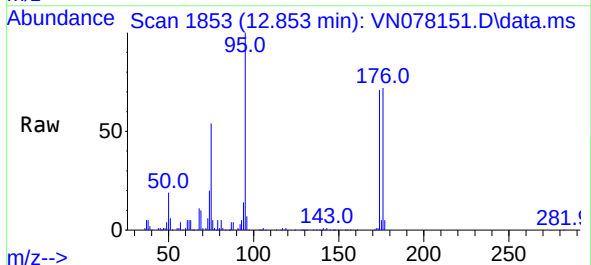
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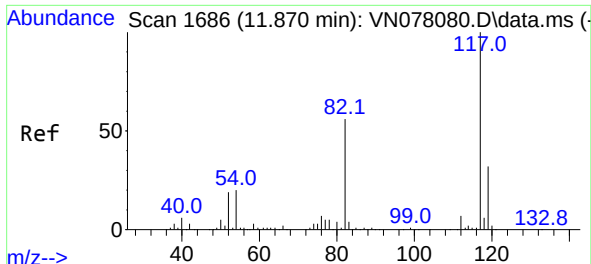
Tgt Ion: 98 Resp: 962809
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.717 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

Tgt Ion: 95 Resp: 289043
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.1 0.0 135.8

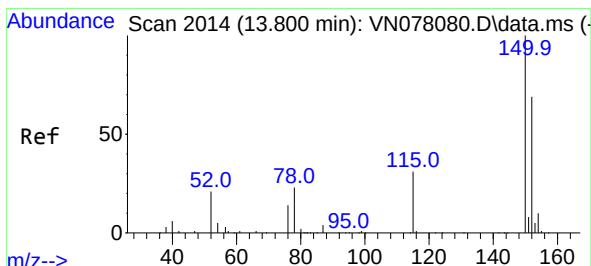
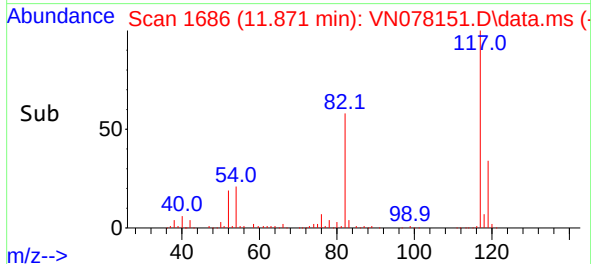
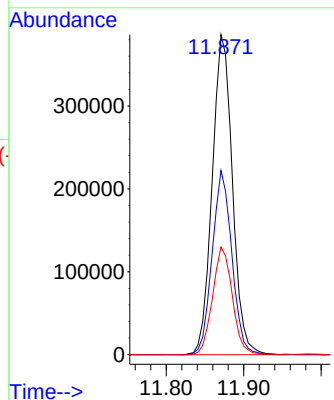
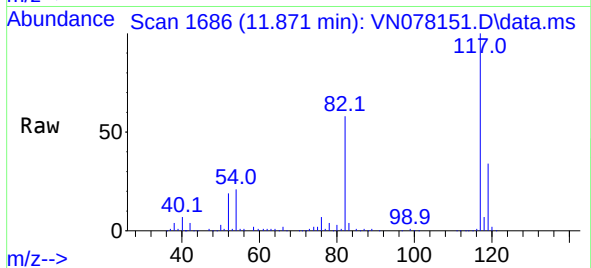




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

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

Tgt Ion:117 Resp: 699420
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 33.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078151.D
Acq: 09 Jun 2023 17:22

Tgt Ion:152 Resp: 217702
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 157.5 0.0 355.8

