

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080320.D
 Acq On : 01 Dec 2023 14:48
 Operator : JC\MD
 Sample : 05607-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 01 22:34:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150162	52.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.500%
35) Dibromofluoromethane	8.165	113	121127	53.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.680%
50) Toluene-d8	10.571	98	411059	50.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.853	95	164292	53.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.260%

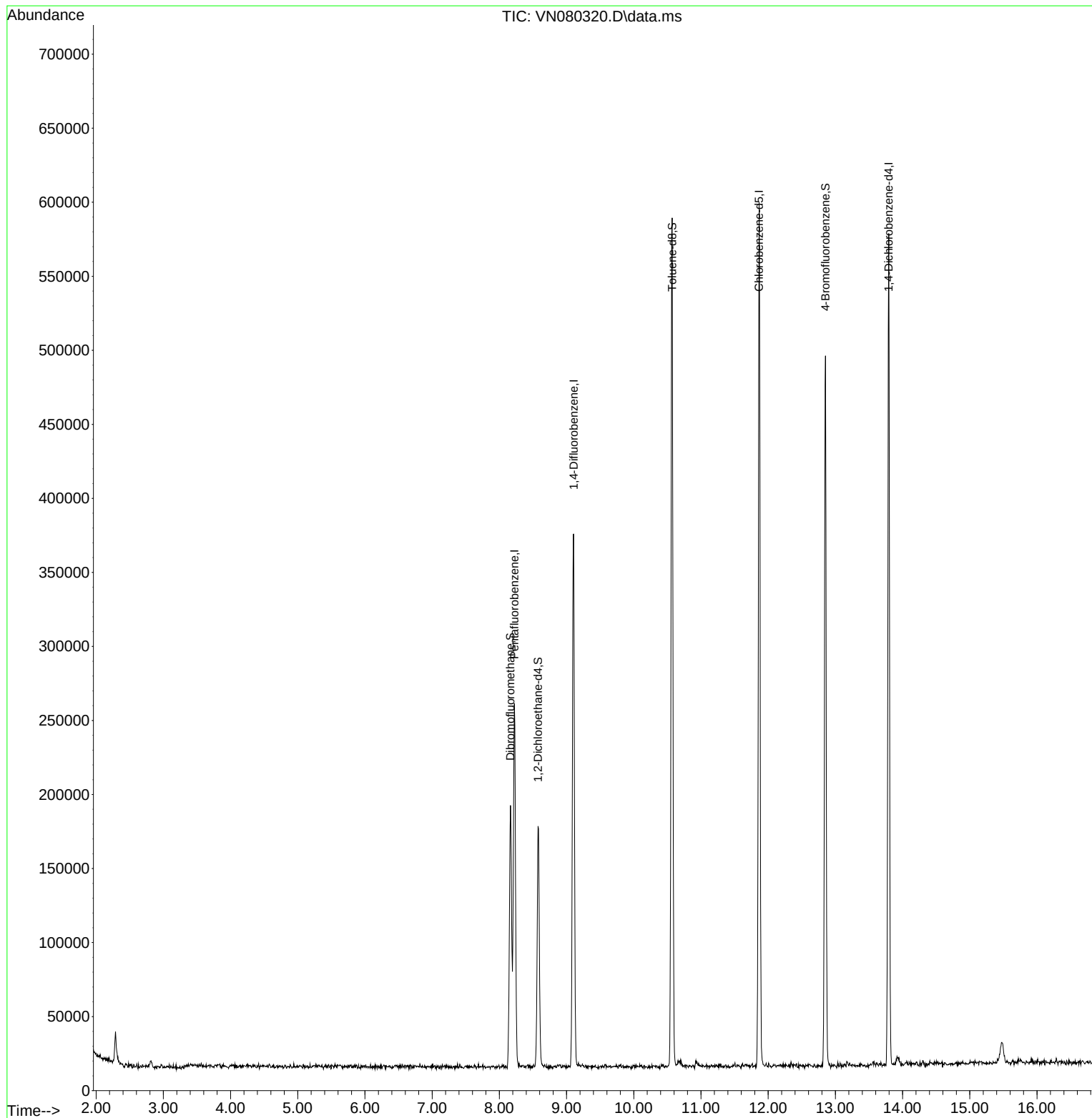
Target Compounds	Qvalue

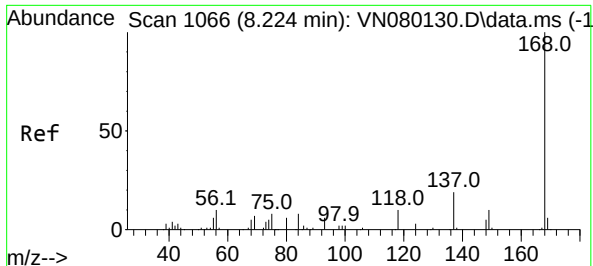
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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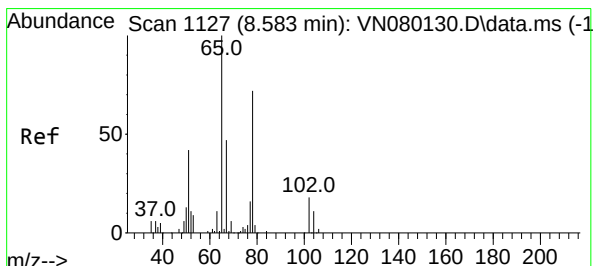
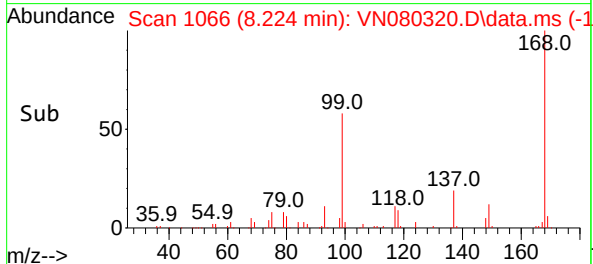
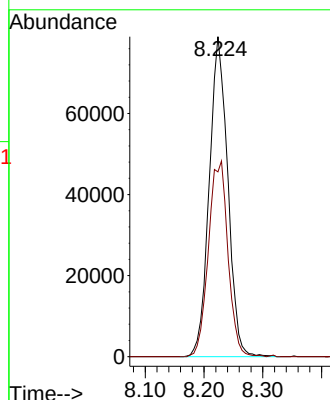
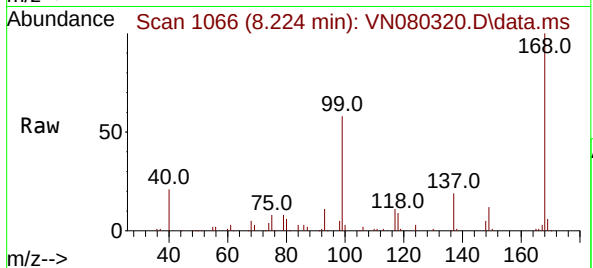




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080320.D
Acq: 01 Dec 2023 14:48

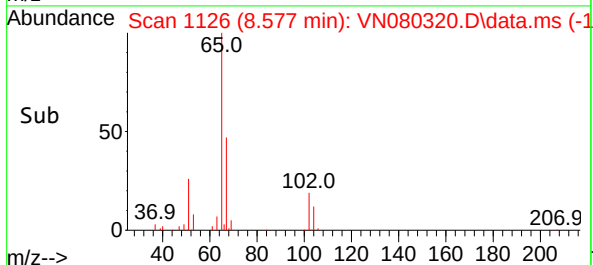
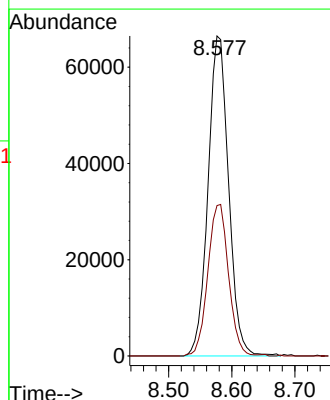
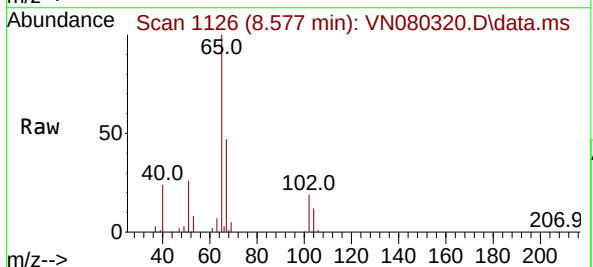
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

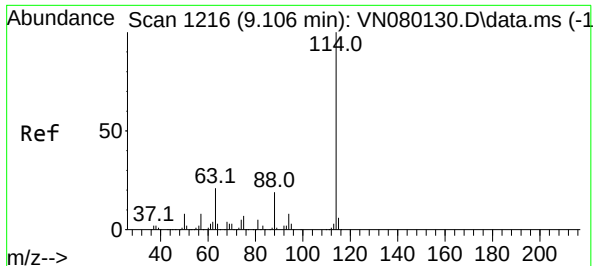
Tgt Ion:168 Resp: 172402
Ion Ratio Lower Upper
168 100
99 57.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.751 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080320.D
Acq: 01 Dec 2023 14:48

Tgt Ion: 65 Resp: 150162
Ion Ratio Lower Upper
65 100
67 47.8 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: VN080320.D

Acq: 01 Dec 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

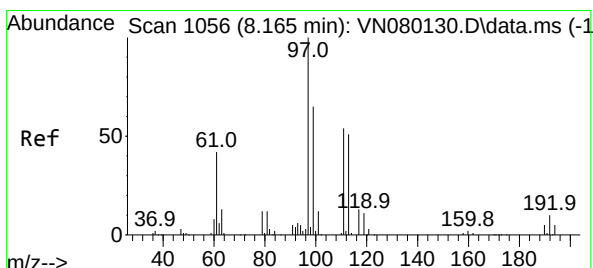
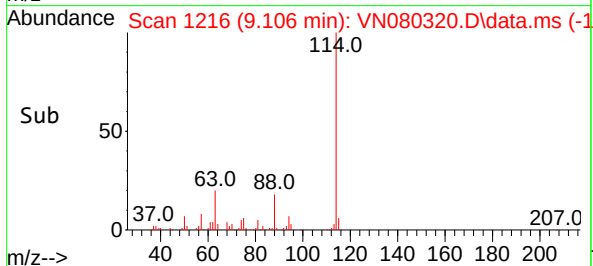
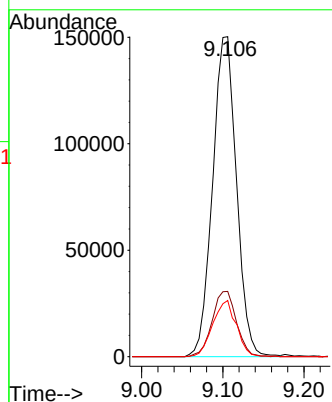
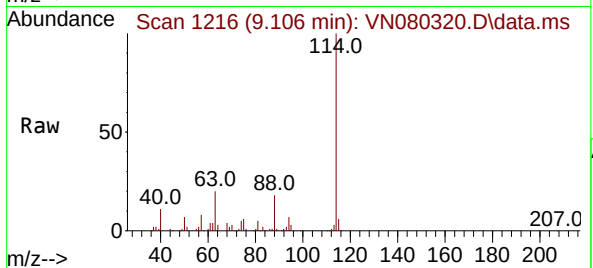
Tgt Ion:114 Resp: 307759

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.340 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080320.D

Acq: 01 Dec 2023 14:48

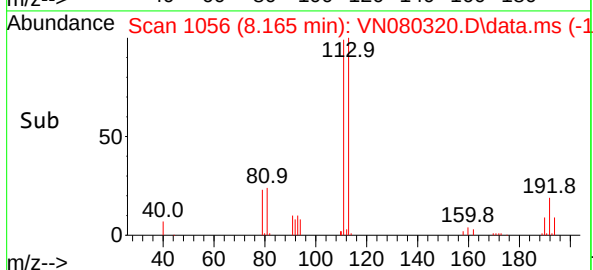
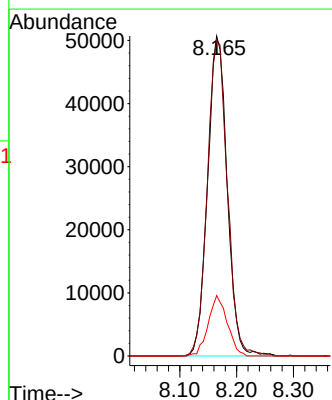
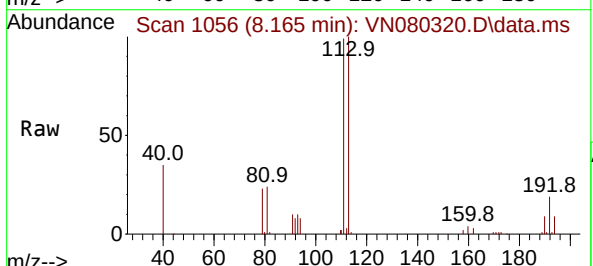
Tgt Ion:113 Resp: 121127

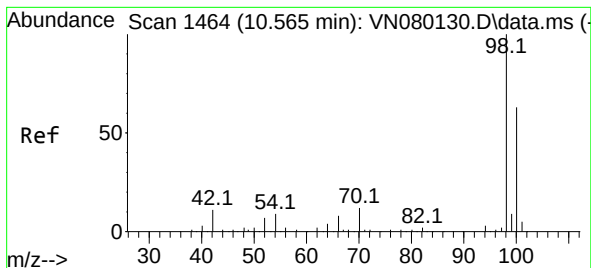
Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 18.4 12.7 19.1





#50

Toluene-d8

Concen: 50.215 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080320.D

Acq: 01 Dec 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

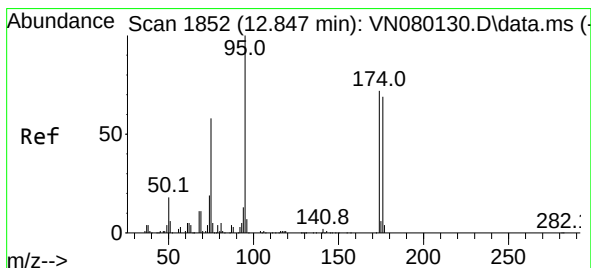
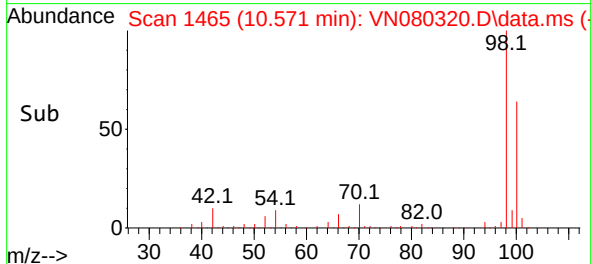
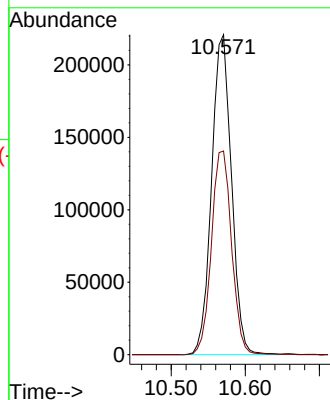
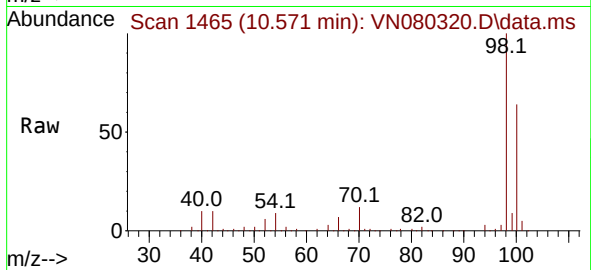
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 411059

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.135 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080320.D

Acq: 01 Dec 2023 14:48

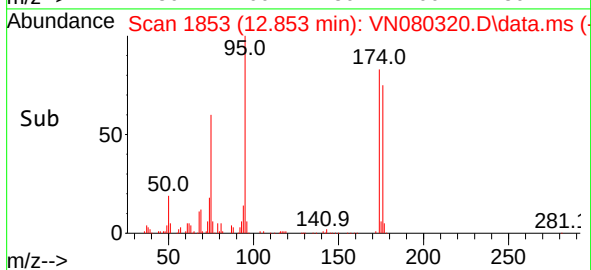
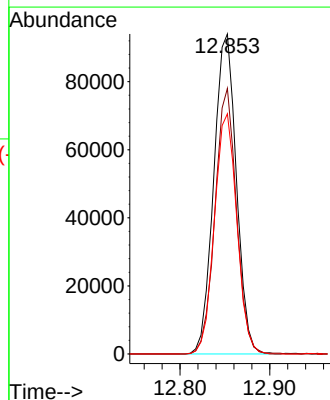
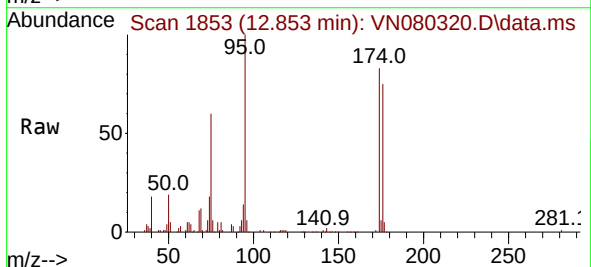
Tgt Ion: 95 Resp: 164292

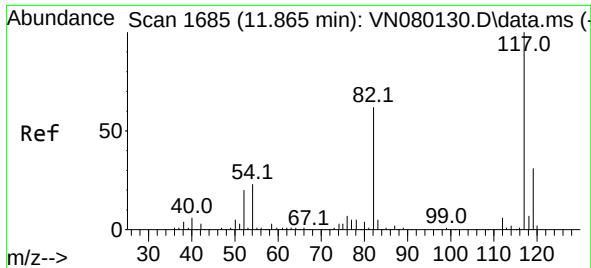
Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.8

176 74.4 0.0 135.8

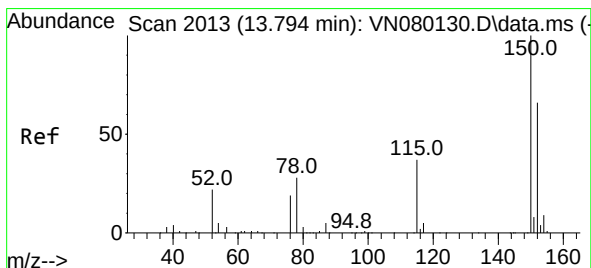
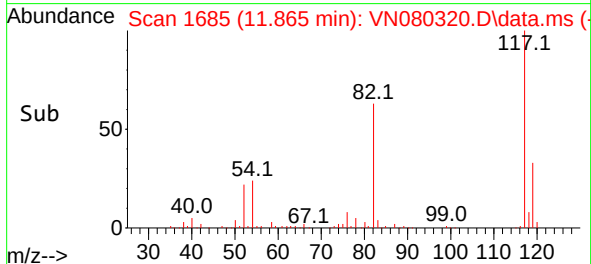
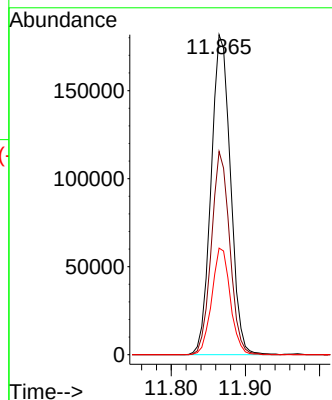
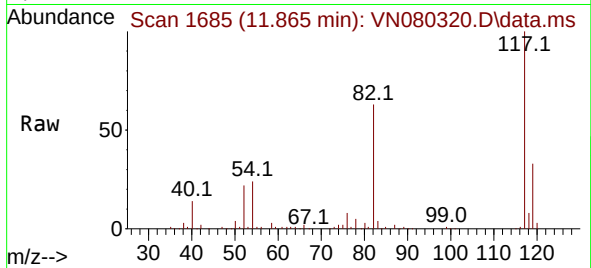




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080320.D
Acq: 01 Dec 2023 14:48

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

Tgt Ion:117 Resp: 329855
Ion Ratio Lower Upper
117 100
82 63.5 44.0 66.0
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080320.D
Acq: 01 Dec 2023 14:48

Tgt Ion:152 Resp: 150425
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 158.6 0.0 355.8

