

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080412.D
 Acq On : 08 Dec 2023 17:33
 Operator : JC\MD
 Sample : 05729-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 08 22:43:18 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	8.230	168	265519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	504728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218222	49.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	8.171	113	191343	51.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	10.571	98	660738	49.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.853	95	265524	52.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.720%

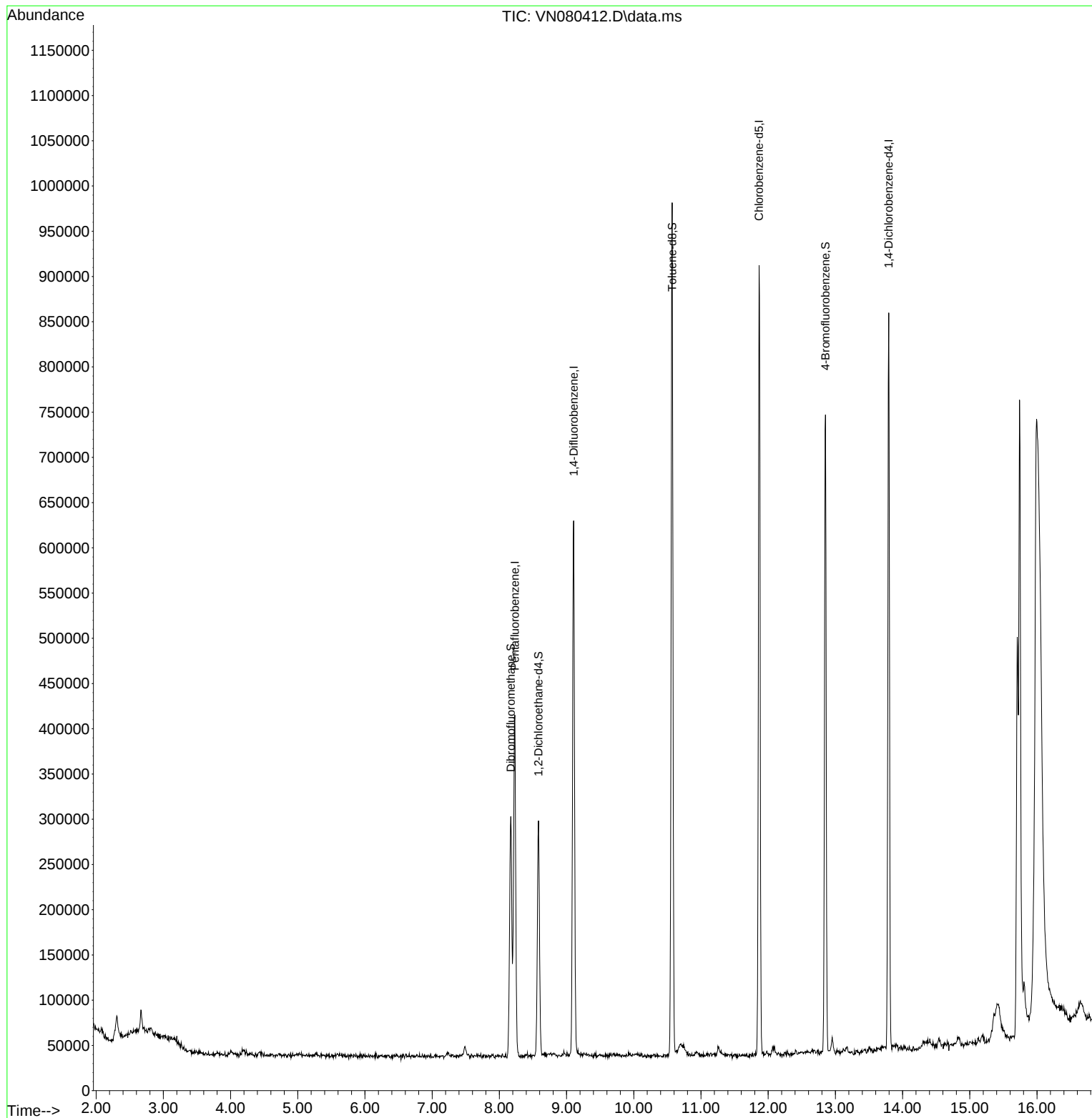
Target Compounds	Qvalue

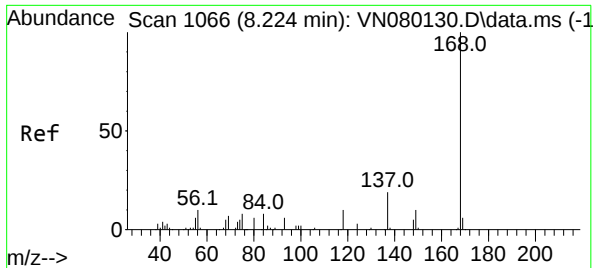
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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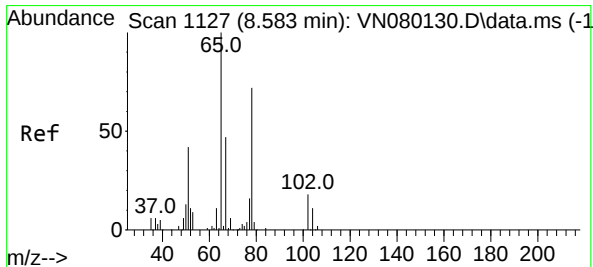
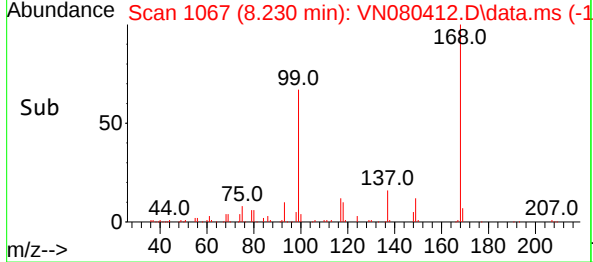
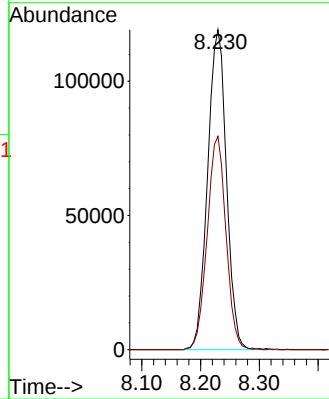
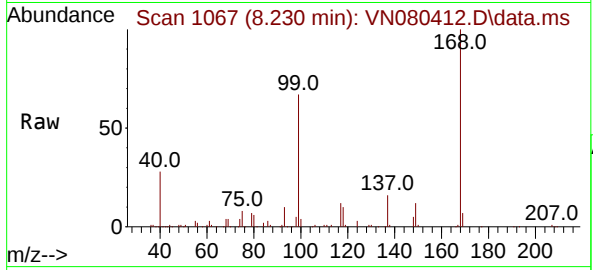




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080412.D
Acq: 08 Dec 2023 17:33

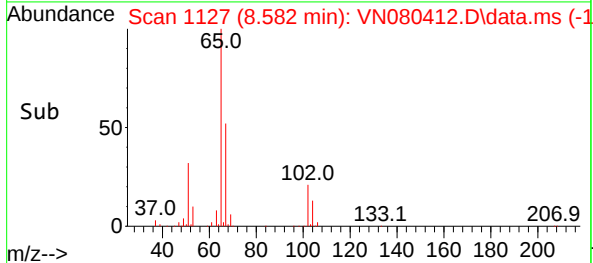
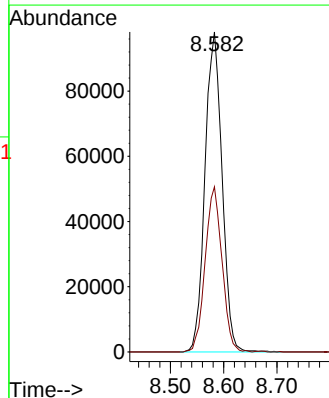
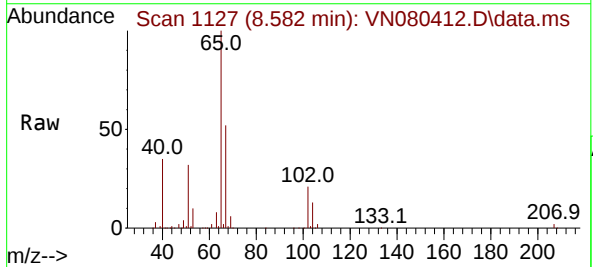
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

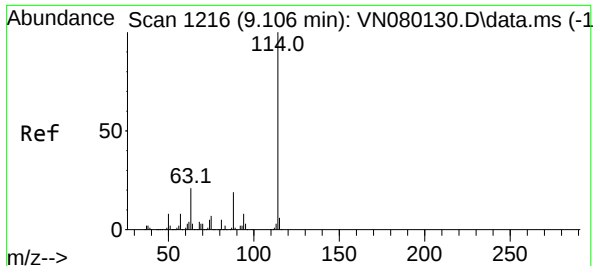
Tgt Ion:168 Resp: 265519
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.775 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080412.D
Acq: 08 Dec 2023 17:33

Tgt Ion: 65 Resp: 218222
Ion Ratio Lower Upper
65 100
67 51.0 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: VN080412.D

Acq: 08 Dec 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

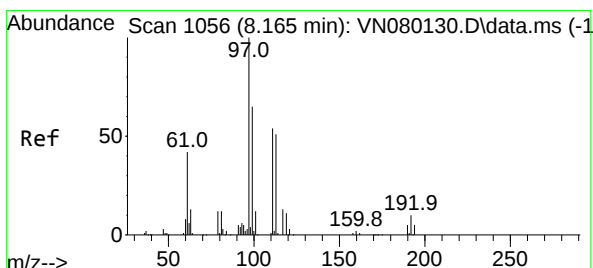
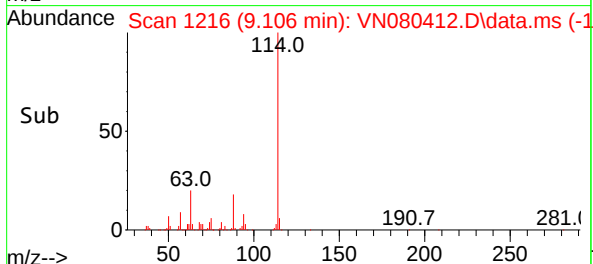
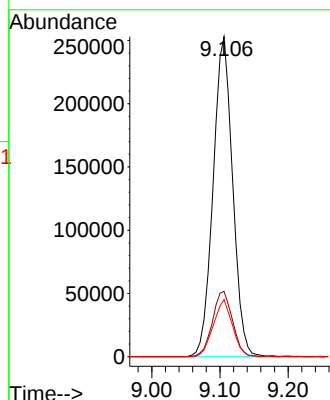
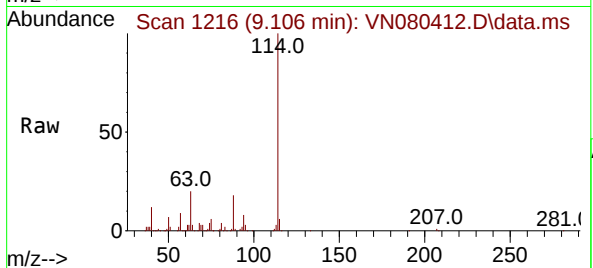
Tgt Ion:114 Resp: 504728

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.378 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080412.D

Acq: 08 Dec 2023 17:33

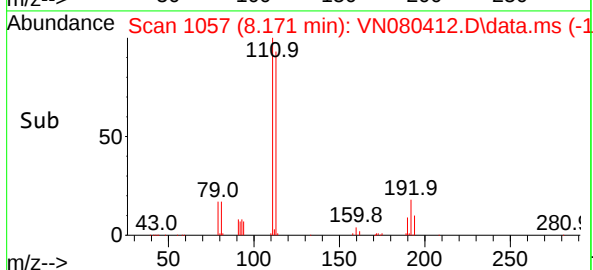
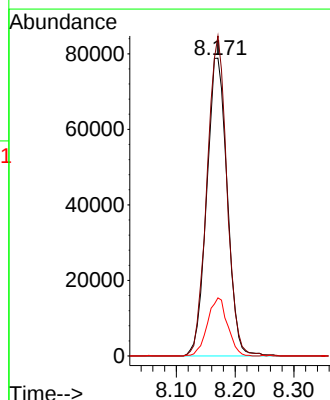
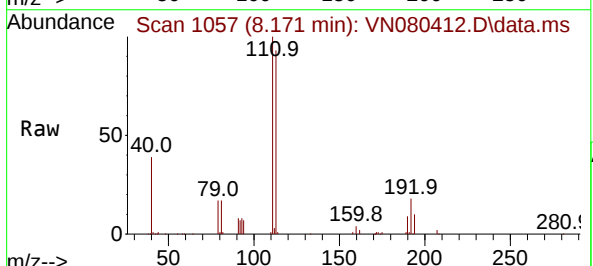
Tgt Ion:113 Resp: 191343

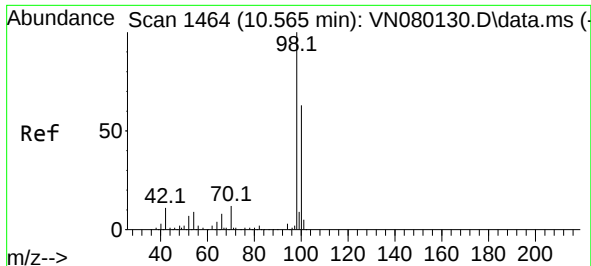
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 19.1 12.7 19.1#

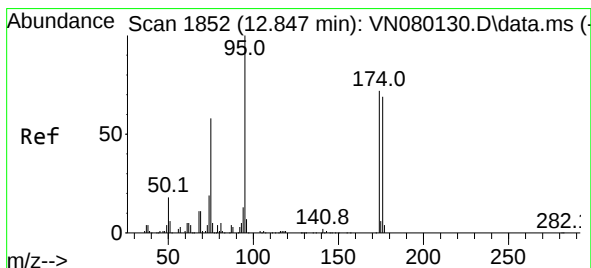
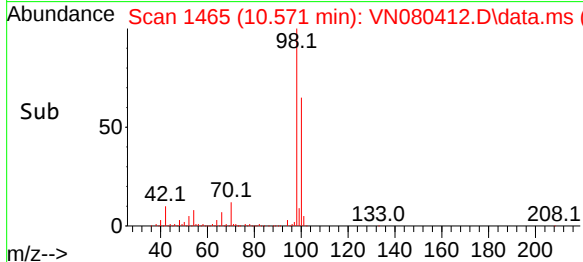
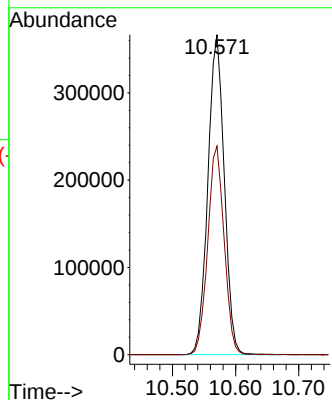
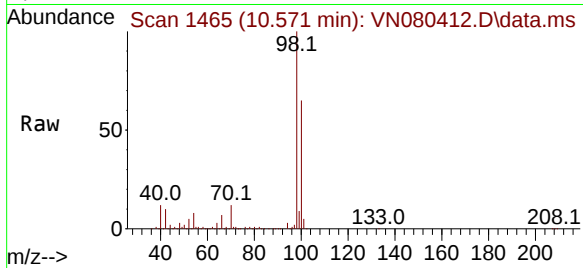




#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080412.D
Acq: 08 Dec 2023 17:33

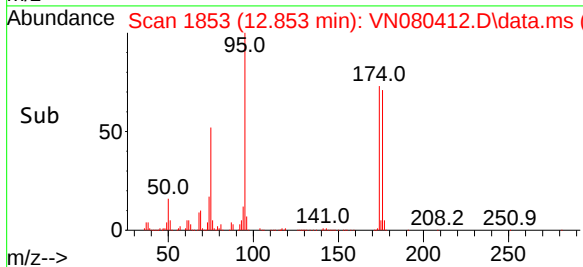
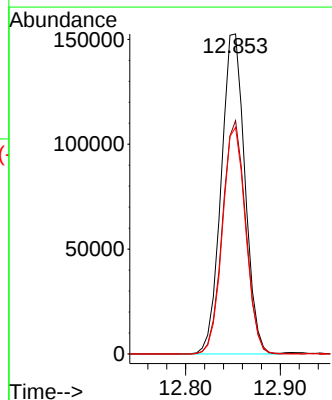
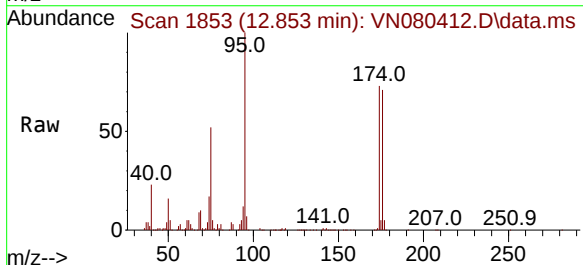
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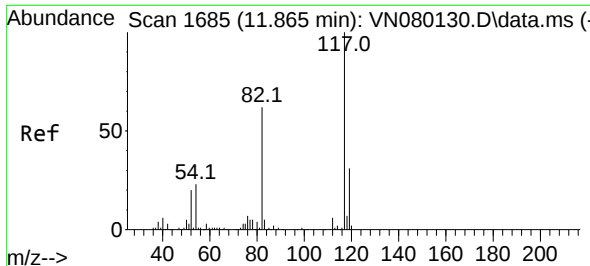
Tgt Ion: 98 Resp: 660738
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080412.D
Acq: 08 Dec 2023 17:33

Tgt Ion: 95 Resp: 265524
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.8
176 69.4 0.0 135.8

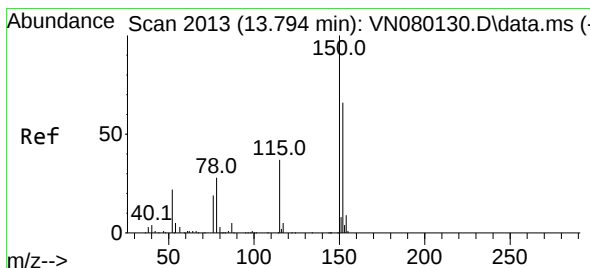
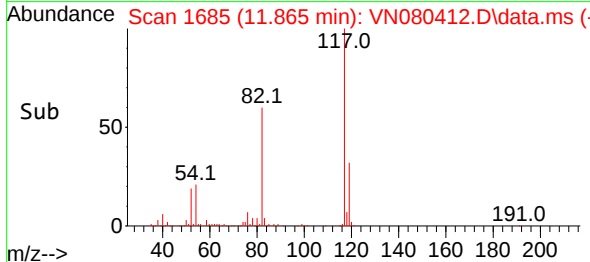
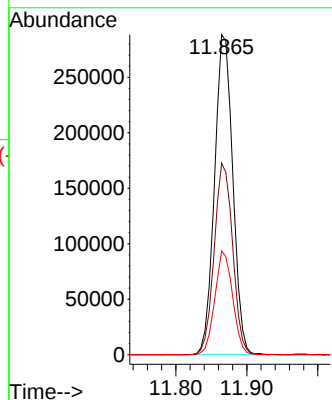
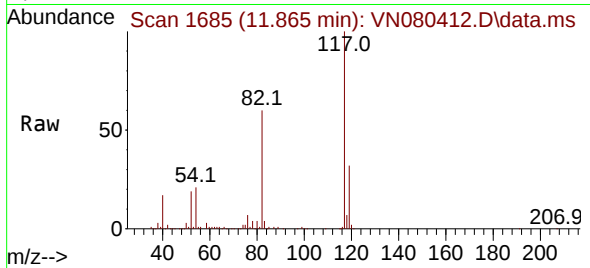




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080412.D
Acq: 08 Dec 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 515050
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.4 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: VN080412.D
Acq: 08 Dec 2023 17:33

Tgt Ion:152 Resp: 220896
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 156.1 0.0 355.8

