

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080321.D
 Acq On : 01 Dec 2023 15:12
 Operator : JC\MD
 Sample : 05607-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 01 22:34:45 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	171124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149364	52.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.720%
35) Dibromofluoromethane	8.171	113	118371	51.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.565	98	404711	49.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.853	95	154798	49.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%

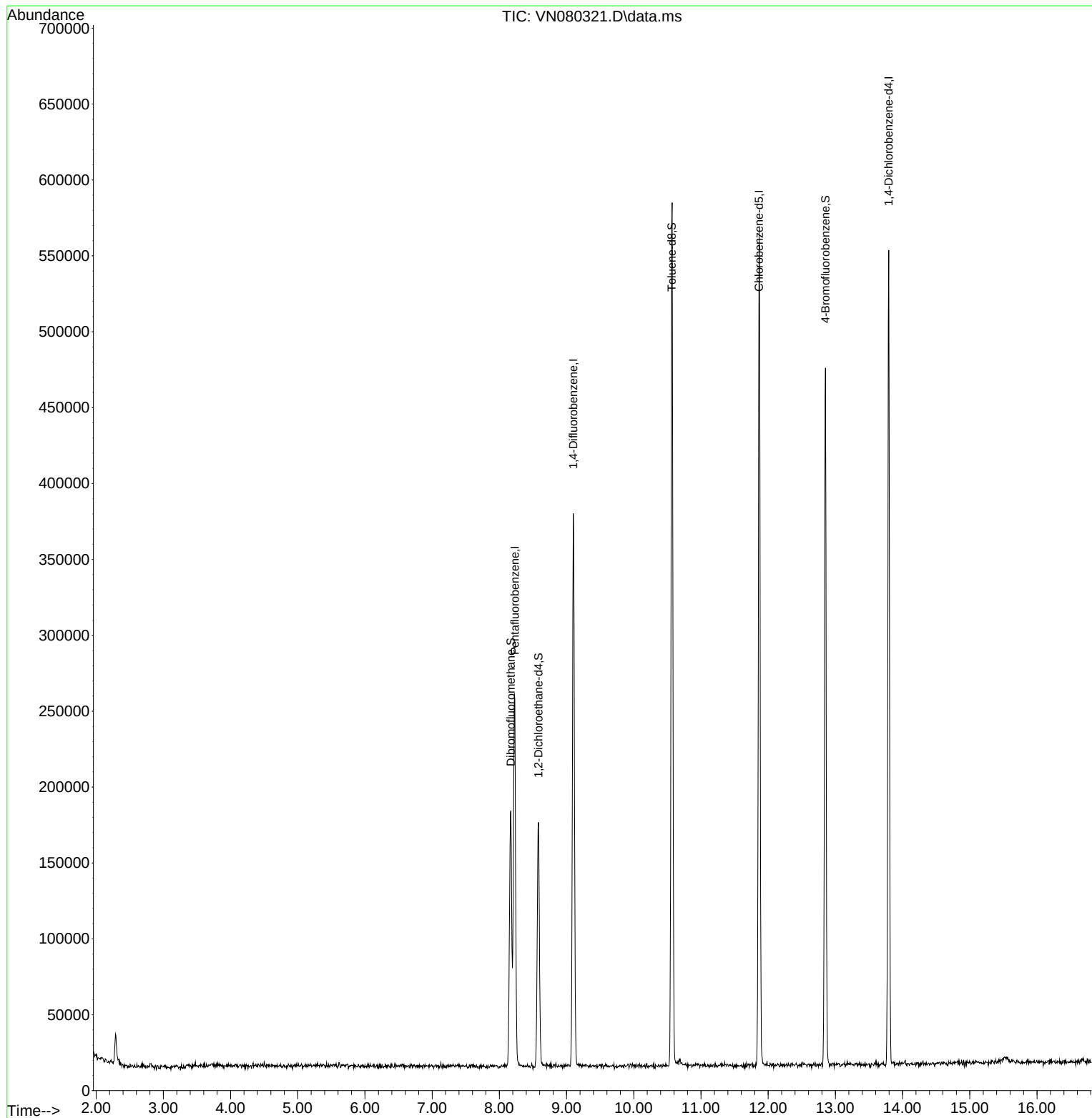
Target Compounds	Qvalue

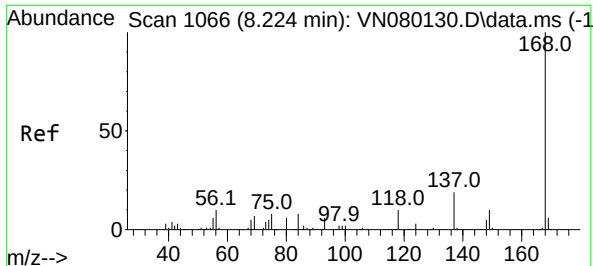
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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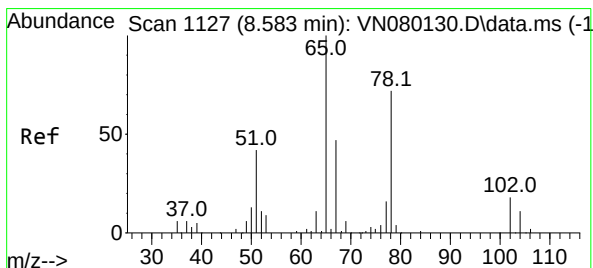
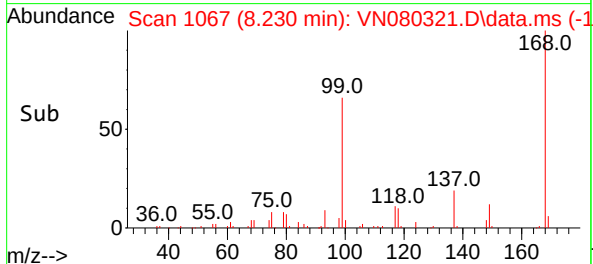
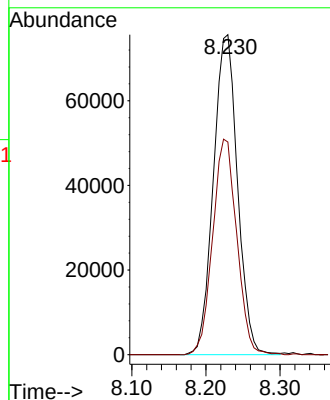
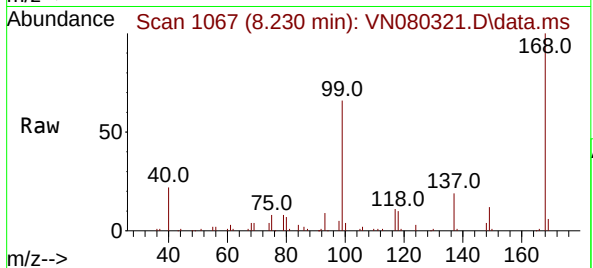




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

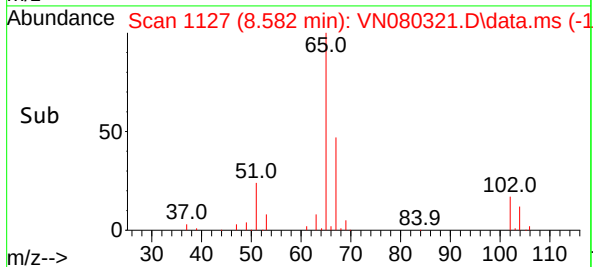
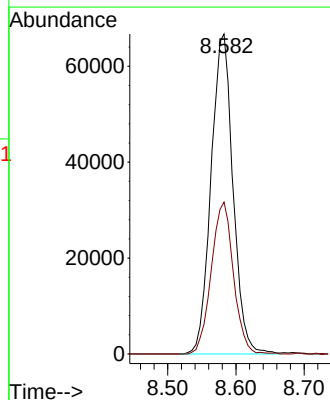
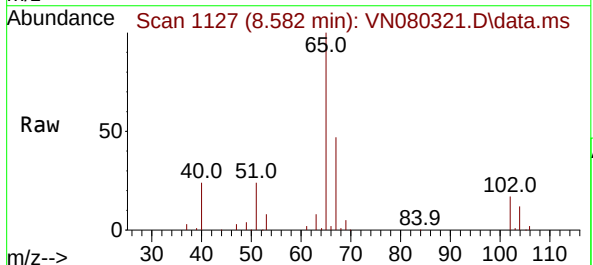
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

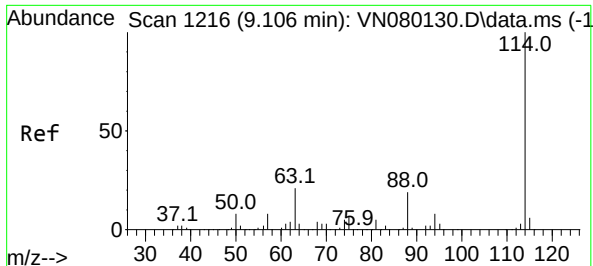
Tgt Ion:168 Resp: 171124
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.862 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 65 Resp: 149364
Ion Ratio Lower Upper
65 100
67 47.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

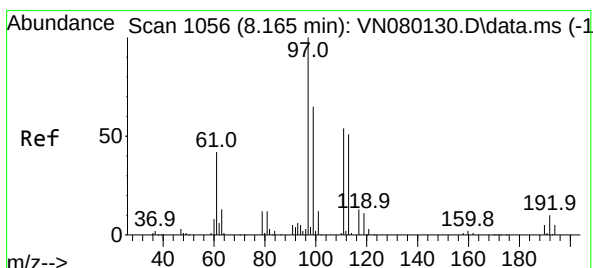
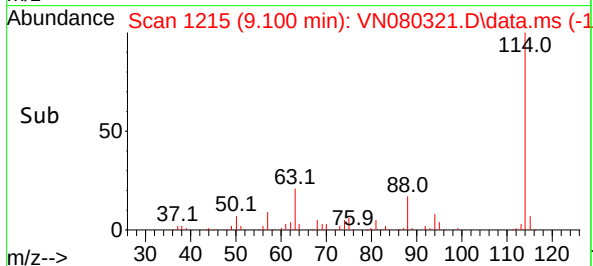
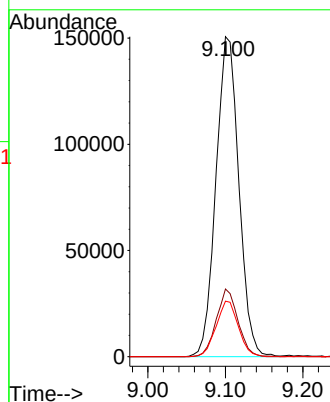
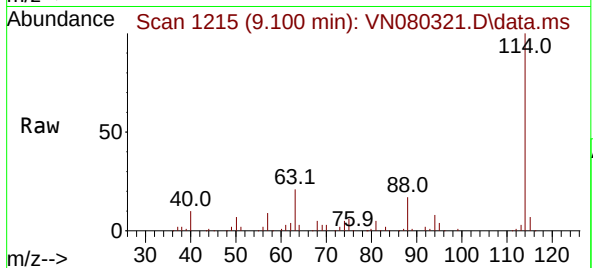
Tgt Ion:114 Resp: 309537

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.827 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

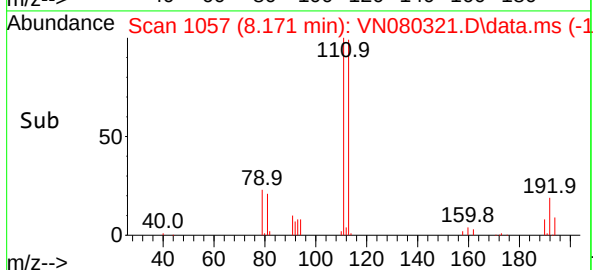
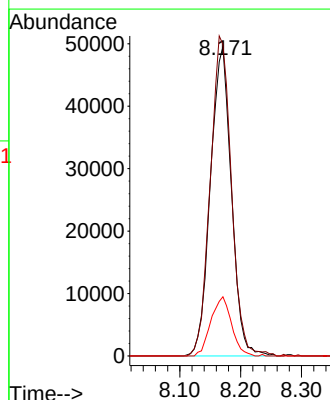
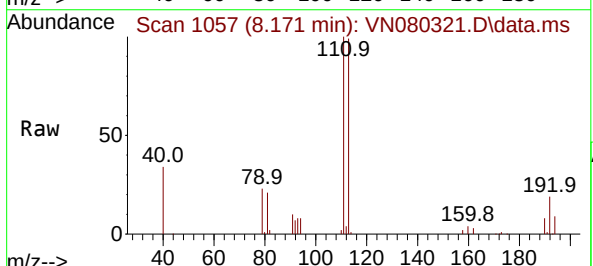
Tgt Ion:113 Resp: 118371

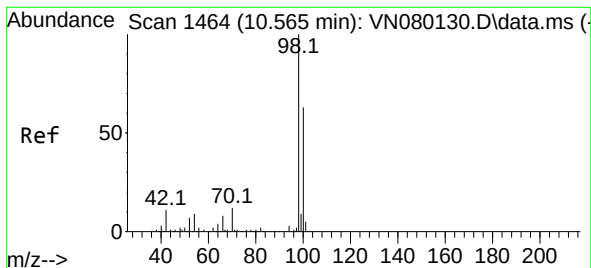
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 18.8 12.7 19.1





#50

Toluene-d8

Concen: 49.156 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

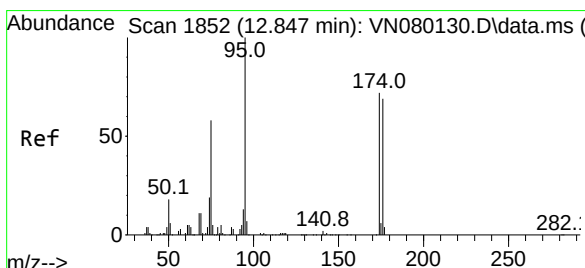
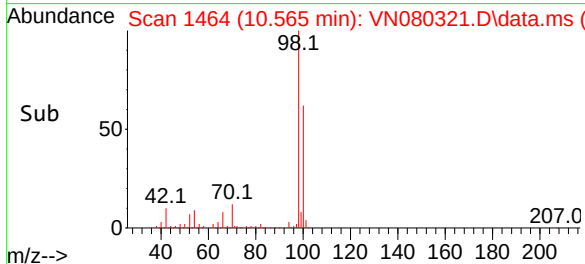
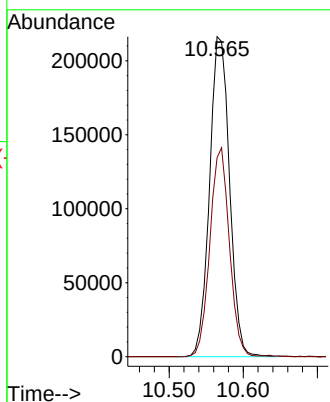
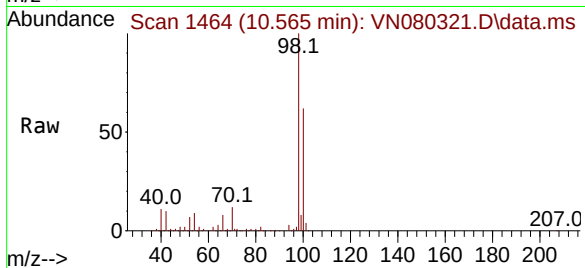
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 404711

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.777 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

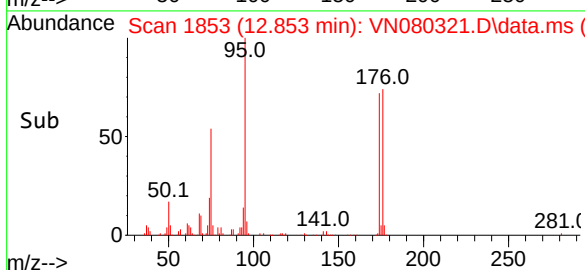
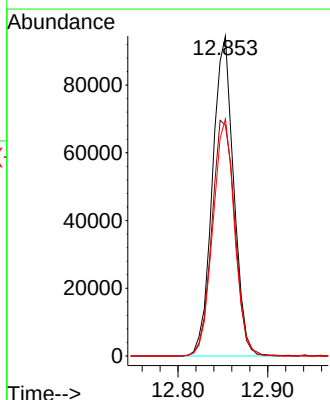
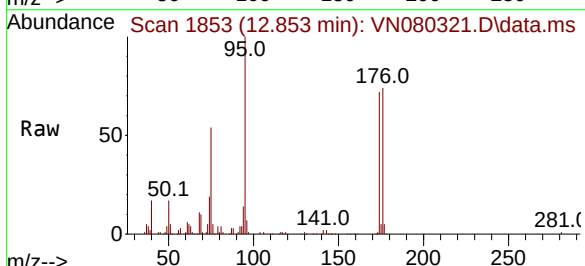
Tgt Ion: 95 Resp: 154798

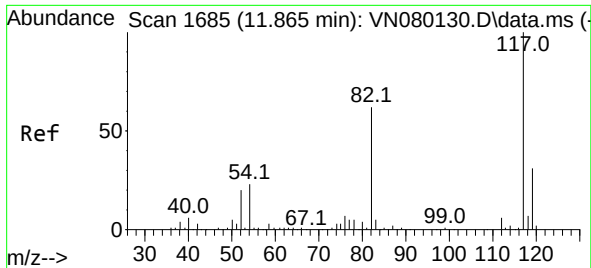
Ion Ratio Lower Upper

95 100

174 79.6 0.0 143.8

176 75.8 0.0 135.8

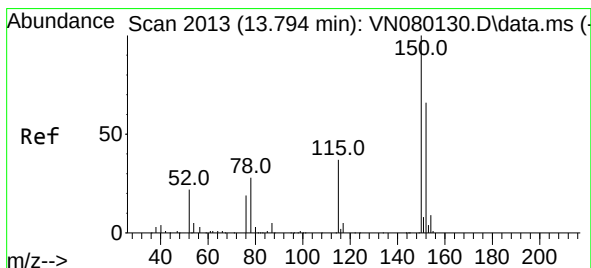
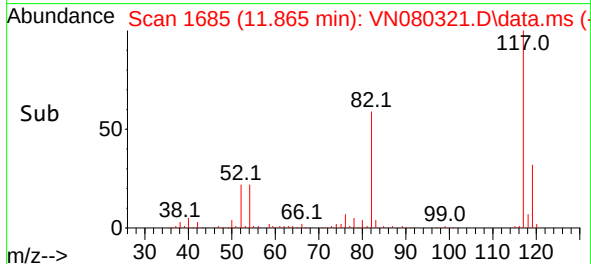
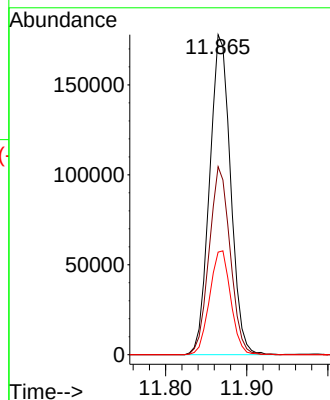
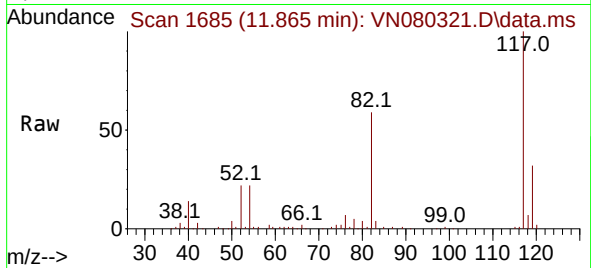




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 319008
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.1 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: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion:152 Resp: 144474
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 153.1 0.0 355.8

