

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080322.D
 Acq On : 01 Dec 2023 15:36
 Operator : JC\MD
 Sample : 05607-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 01 22:35:10 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	169380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149010	53.280	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.560%
35) Dibromofluoromethane	8.165	113	116943	51.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.500%
50) Toluene-d8	10.571	98	401038	49.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.853	95	158448	51.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.980%

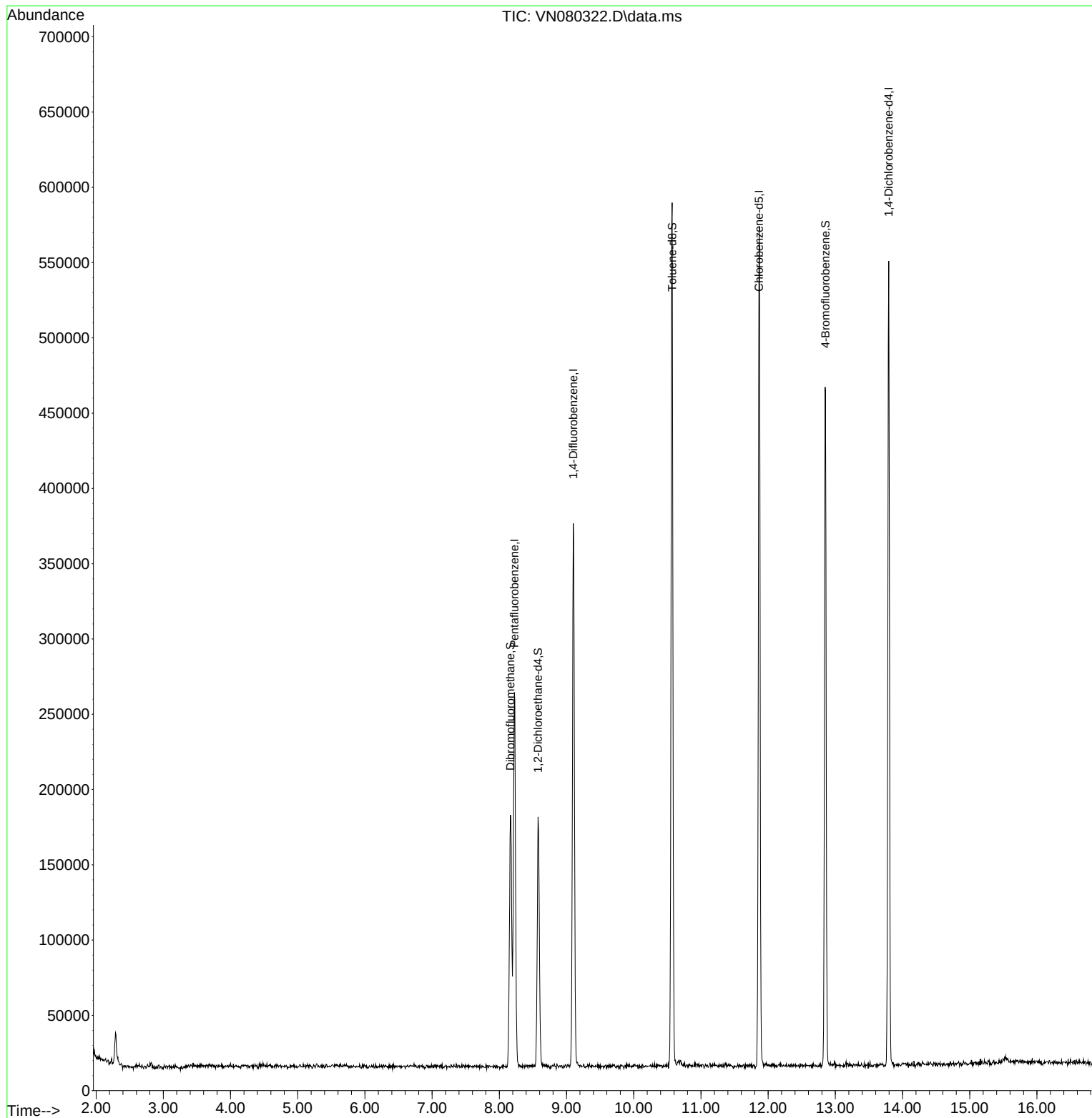
Target Compounds	Qvalue

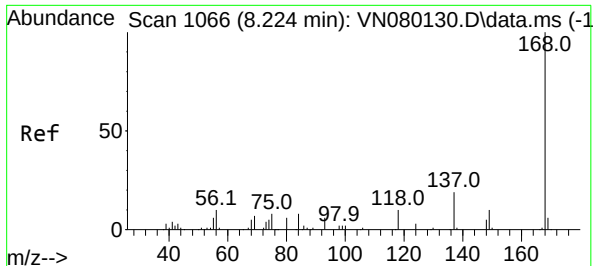
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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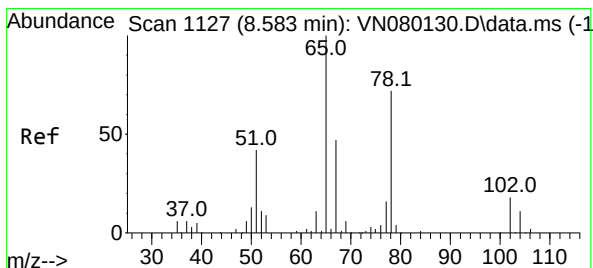
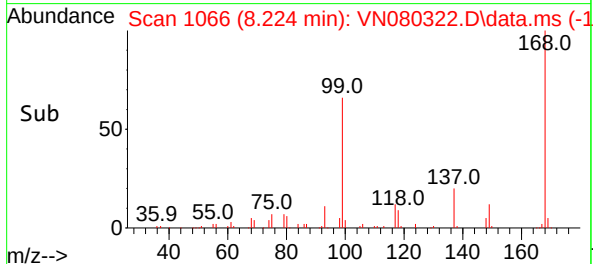
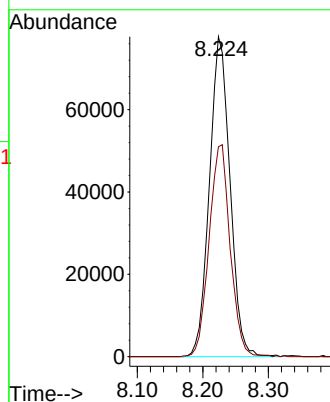
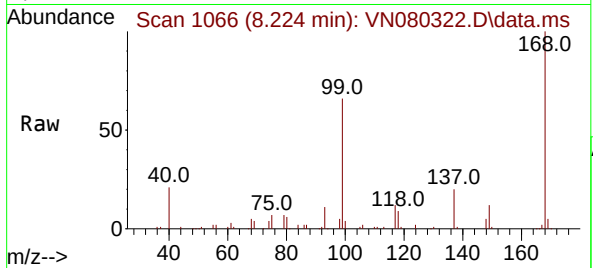




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

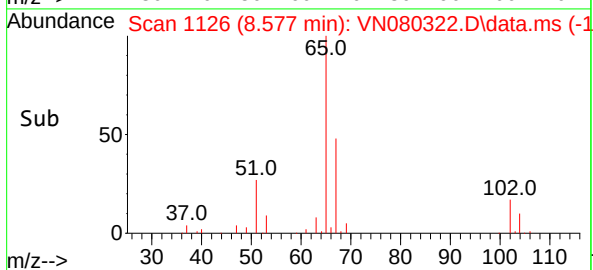
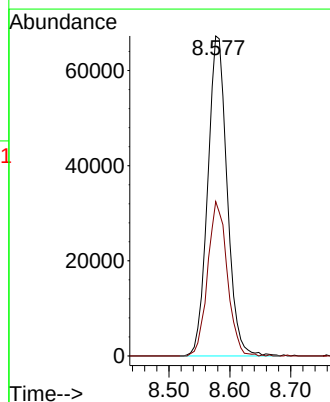
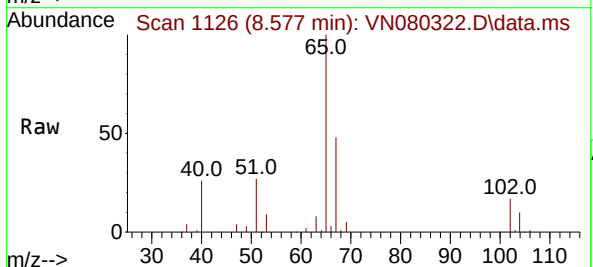
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

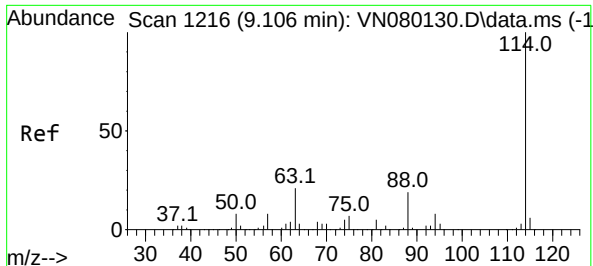
Tgt Ion:168 Resp: 169380
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.280 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 65 Resp: 149010
Ion Ratio Lower Upper
65 100
67 48.7 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: VN080322.D

Acq: 01 Dec 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

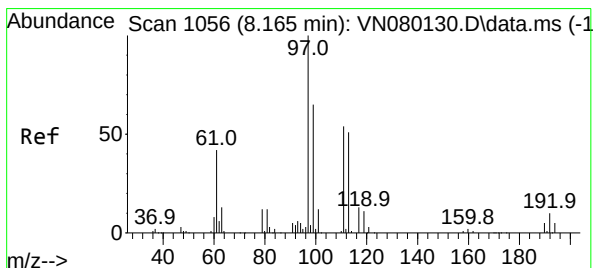
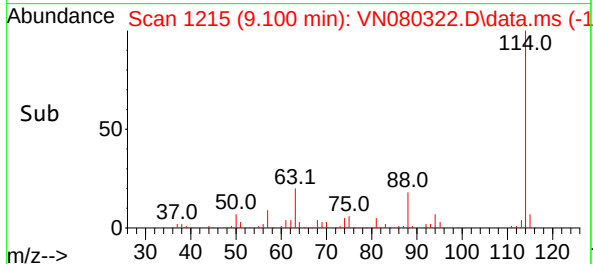
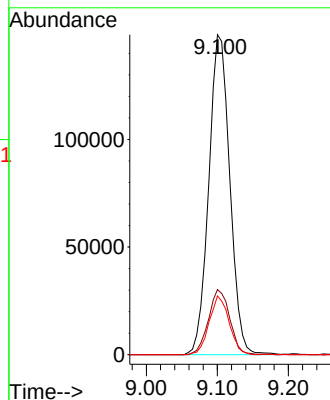
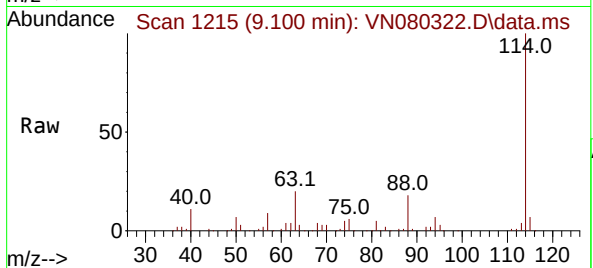
Tgt Ion:114 Resp: 306284

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.745 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080322.D

Acq: 01 Dec 2023 15:36

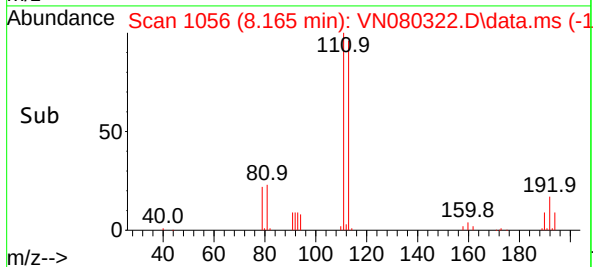
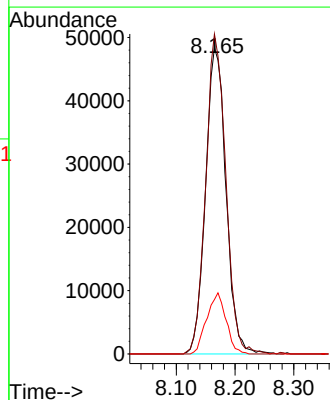
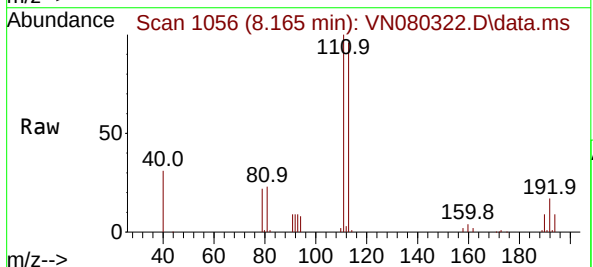
Tgt Ion:113 Resp: 116943

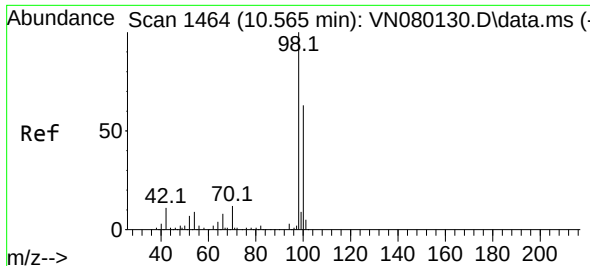
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.9 12.7 19.1

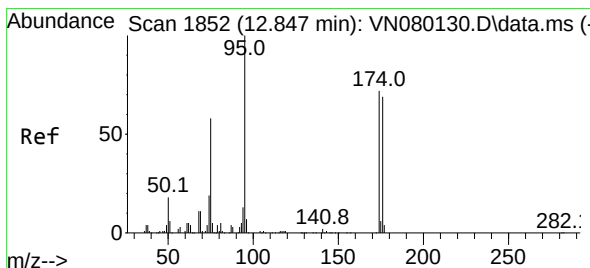
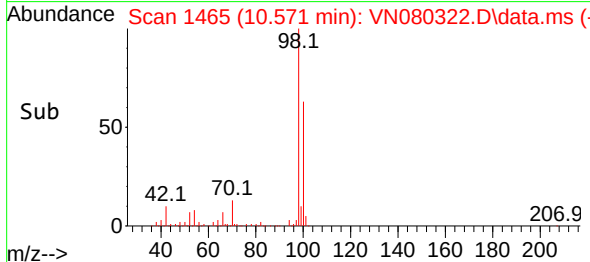
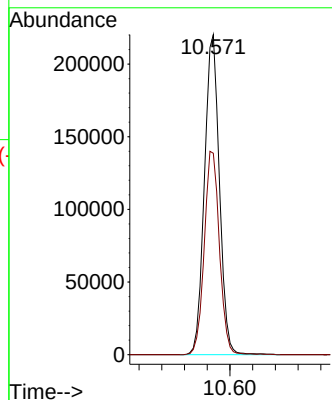
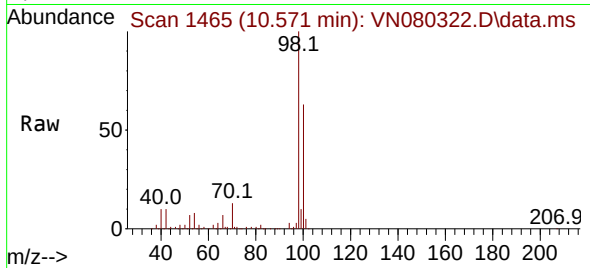




#50
Toluene-d8
Concen: 49.227 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

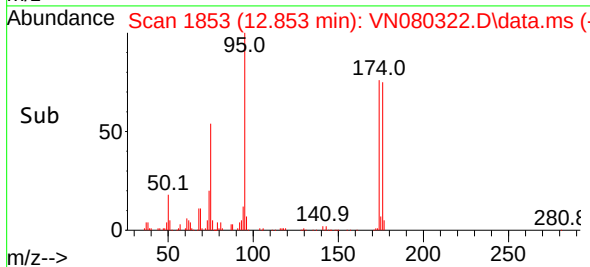
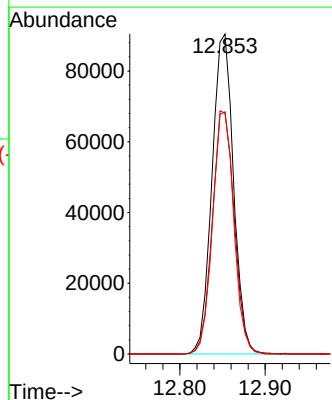
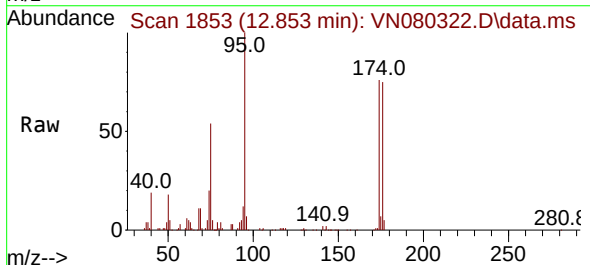
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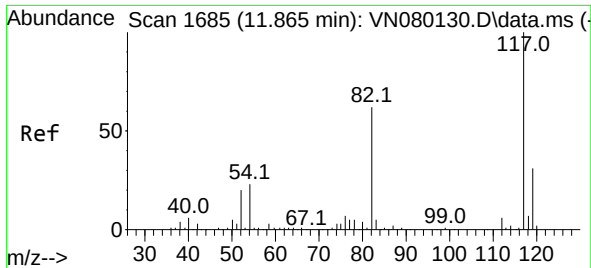
Tgt Ion: 98 Resp: 401038
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion: 95 Resp: 158448
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.1 0.0 135.8

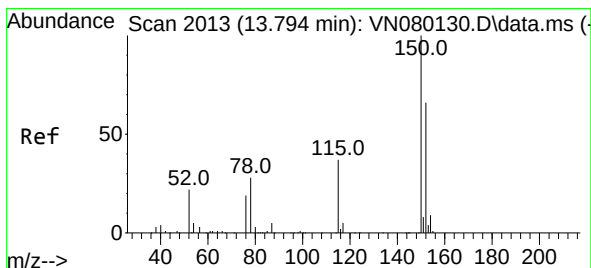
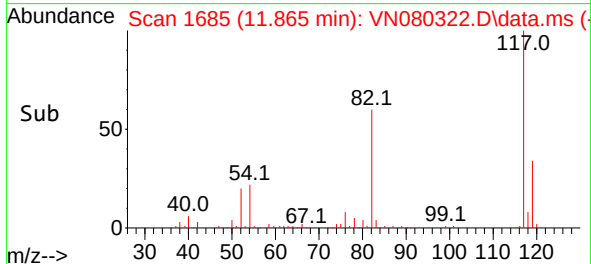
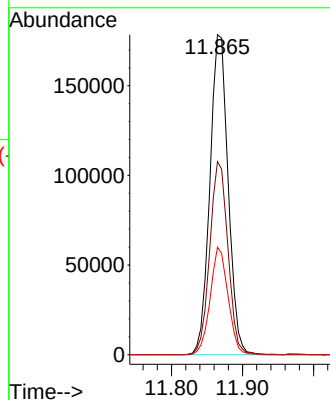
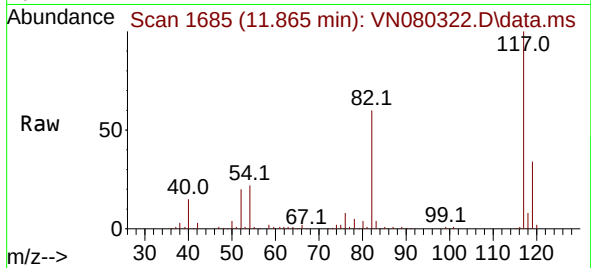




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080322.D
Acq: 01 Dec 2023 15:36

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

Tgt Ion:117 Resp: 318243
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 33.6 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: VN080322.D
Acq: 01 Dec 2023 15:36

Tgt Ion:152 Resp: 143443
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.2 0.0 355.8

