

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080386.D
 Acq On : 06 Dec 2023 15:11
 Operator : JC\MD
 Sample : 05631-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 07 01:00:41 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	183819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153312	50.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.020%
35) Dibromofluoromethane	8.171	113	129361	53.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.940%
50) Toluene-d8	10.571	98	441479	50.622	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.847	95	174517	52.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.960%

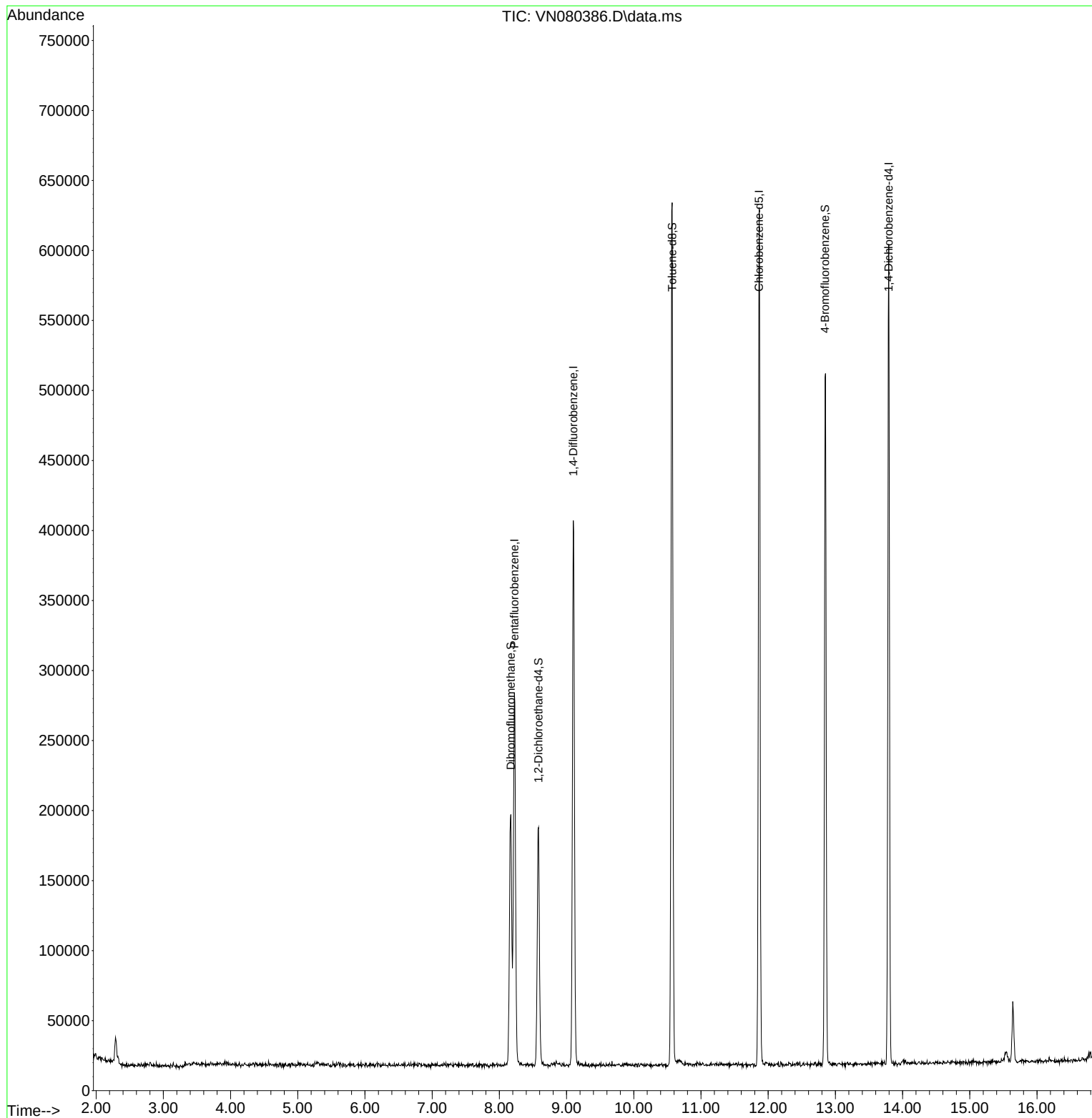
Target Compounds	Qvalue

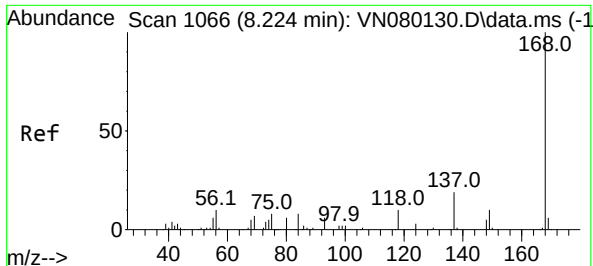
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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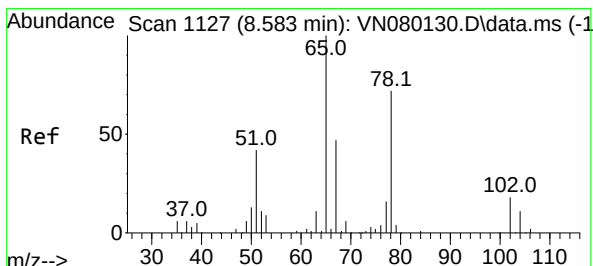
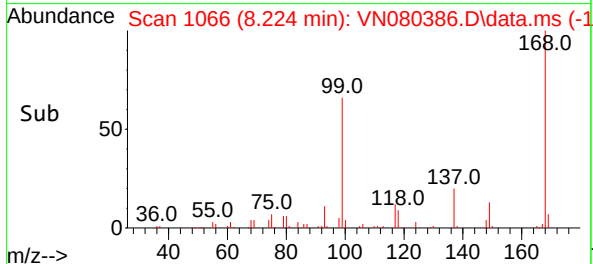
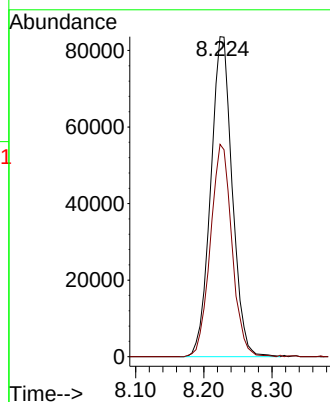
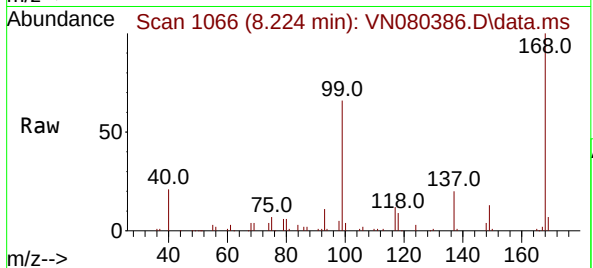




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

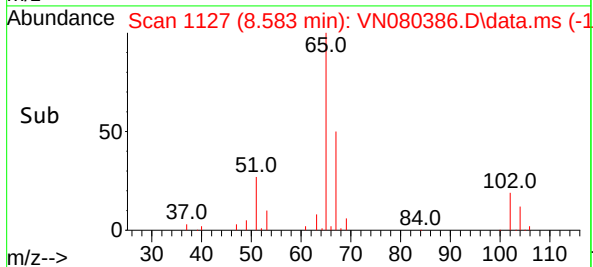
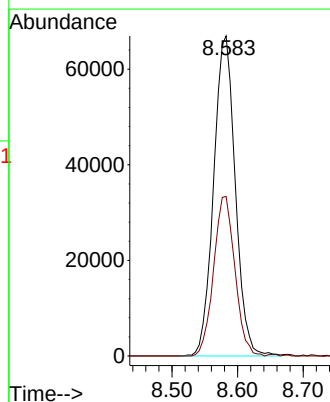
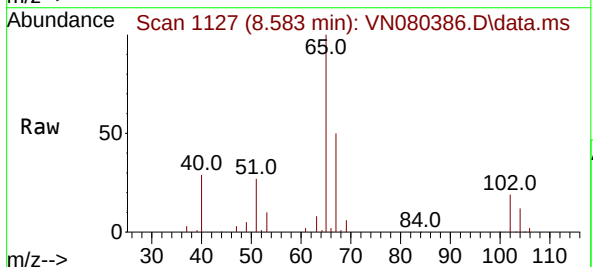
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

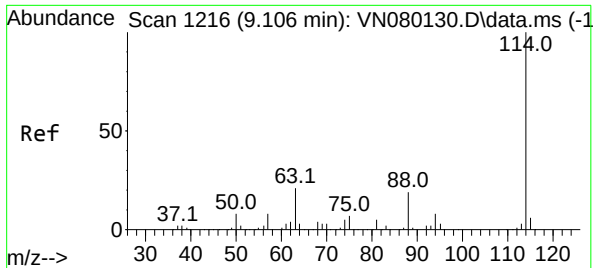
Tgt Ion:168 Resp: 183819
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.512 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Tgt Ion: 65 Resp: 153312
Ion Ratio Lower Upper
65 100
67 49.0 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: VN080386.D

Acq: 06 Dec 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

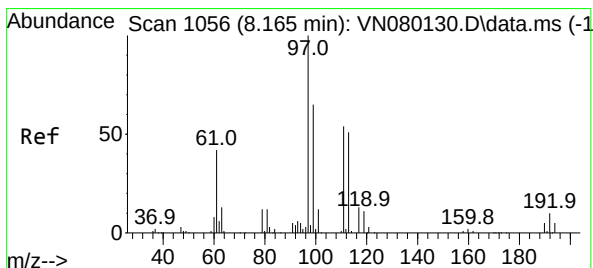
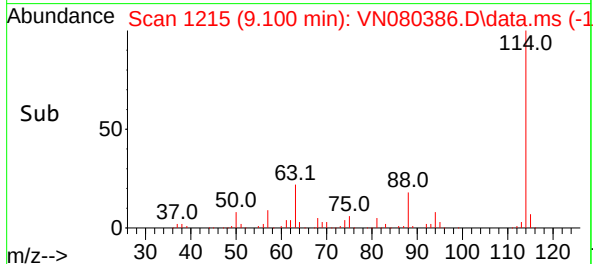
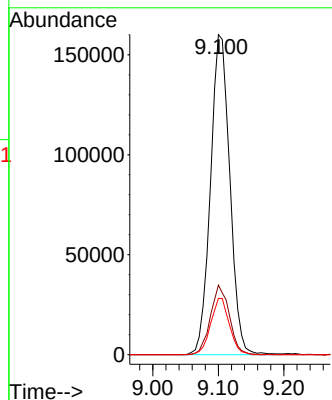
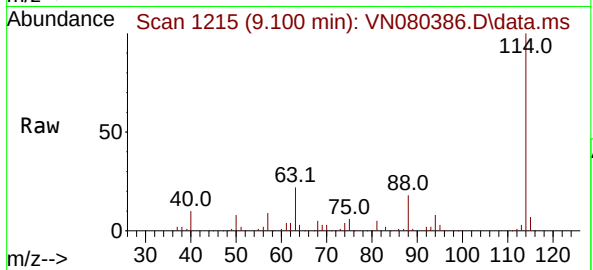
Tgt Ion:114 Resp: 327874

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.471 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080386.D

Acq: 06 Dec 2023 15:11

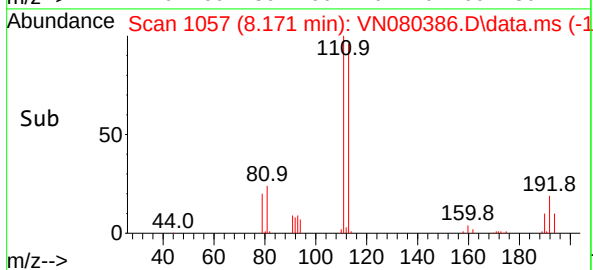
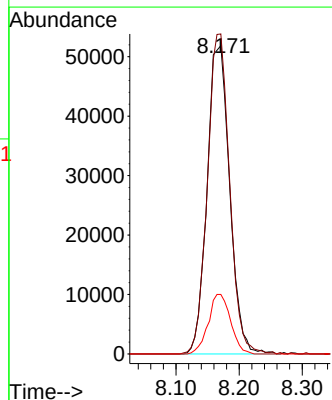
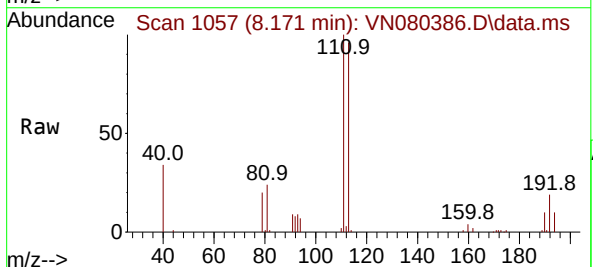
Tgt Ion:113 Resp: 129361

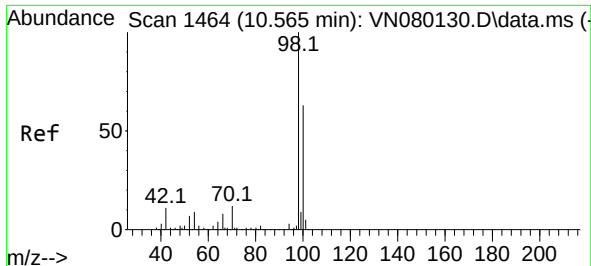
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 19.0 12.7 19.1

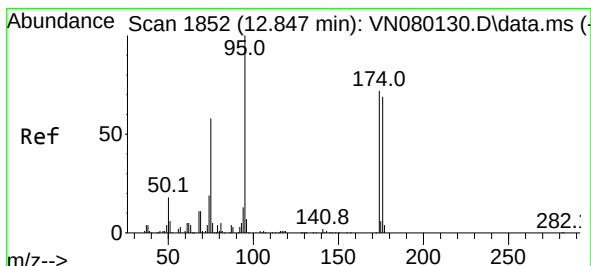
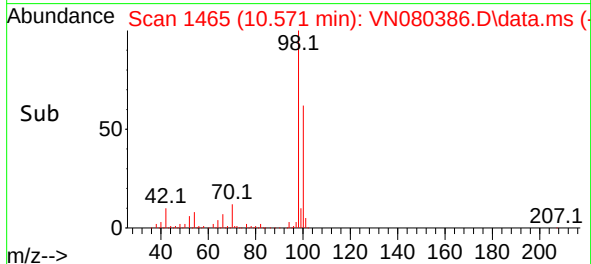
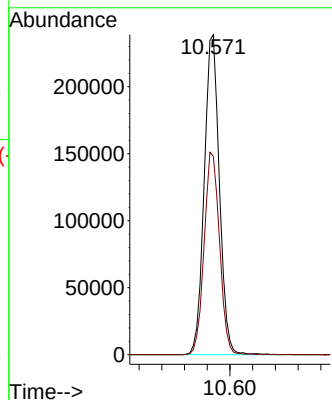
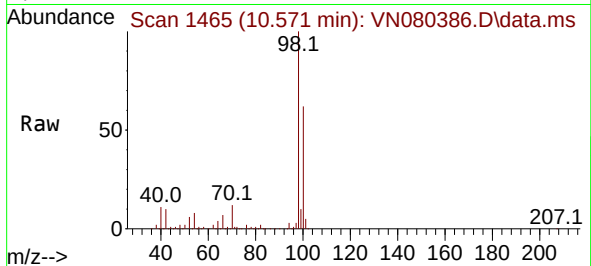




#50
Toluene-d8
Concen: 50.622 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

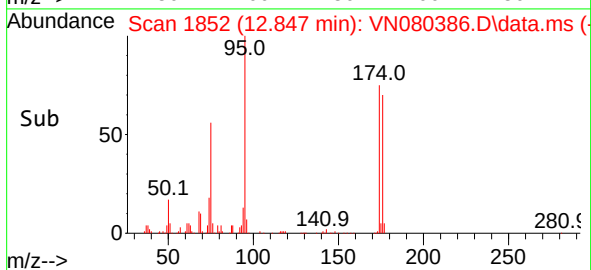
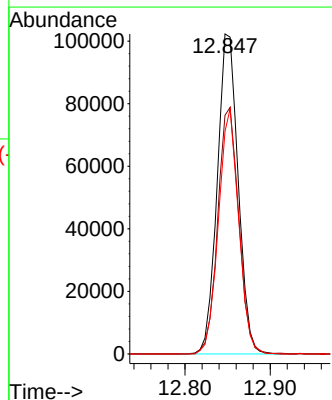
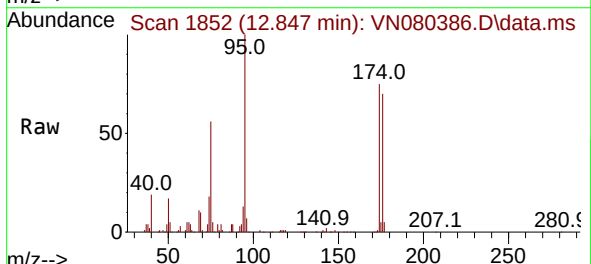
Instrument :
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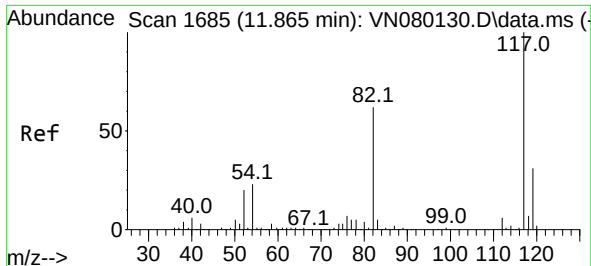
Tgt Ion: 98 Resp: 441479
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.979 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Tgt Ion: 95 Resp: 174517
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.9 0.0 135.8

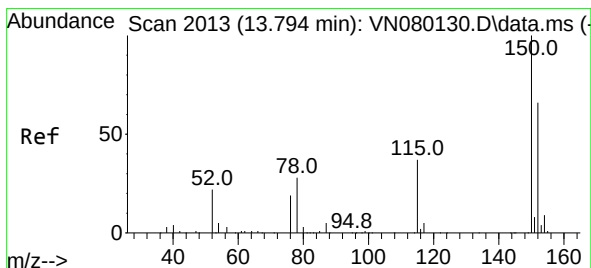
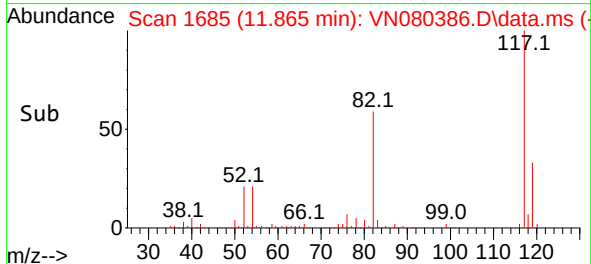
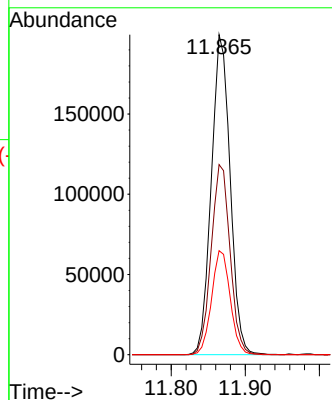
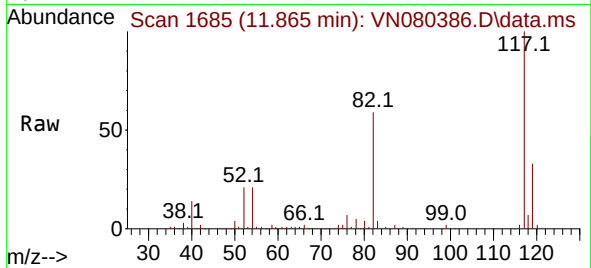




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080386.D
Acq: 06 Dec 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 351819
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.5 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: VN080386.D
Acq: 06 Dec 2023 15:11

Tgt Ion:152 Resp: 153036
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 161.4 0.0 355.8

