

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080370.D
 Acq On : 05 Dec 2023 16:45
 Operator : JC\MD
 Sample : 05632-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW1

Quant Time: Dec 06 00:53:53 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	152959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139091	55.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.140%
35) Dibromofluoromethane	8.165	113	106306	51.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	10.571	98	371126	49.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.847	95	146990	52.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.320%

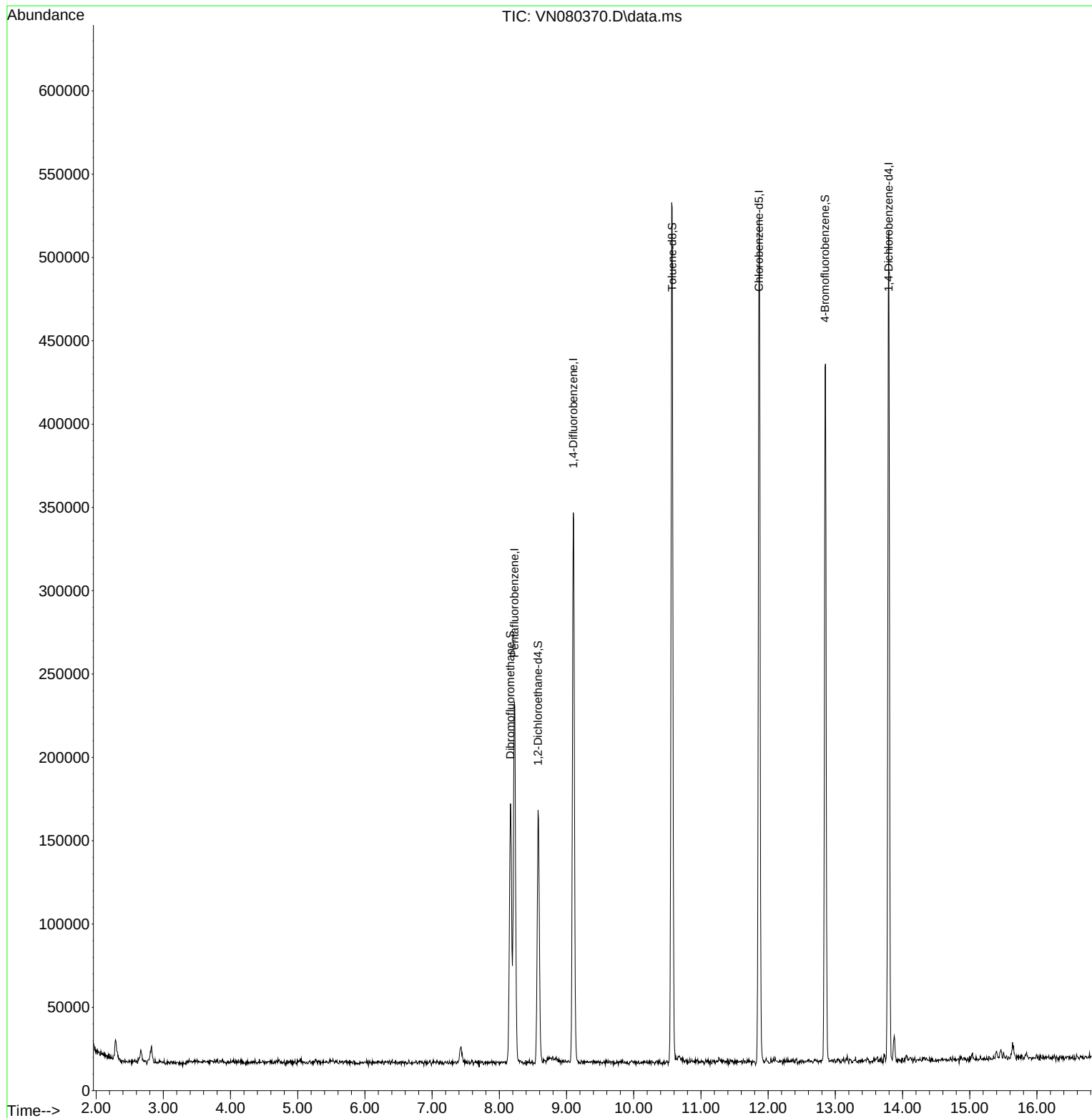
Target Compounds	Qvalue

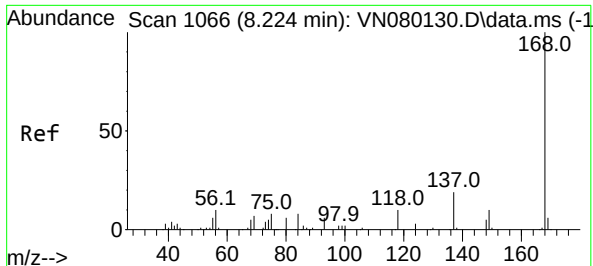
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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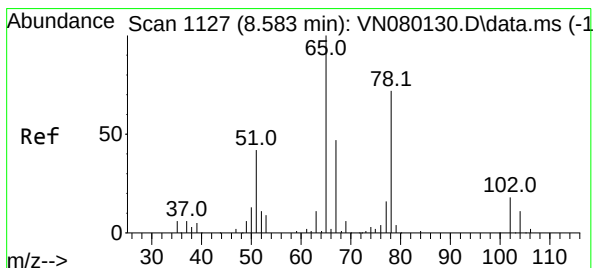
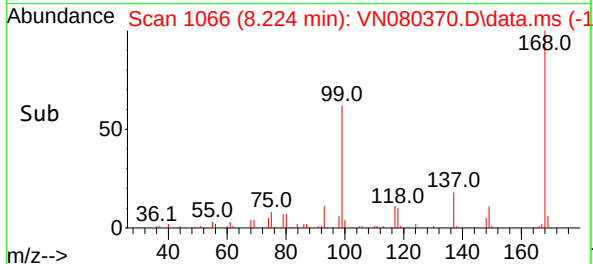
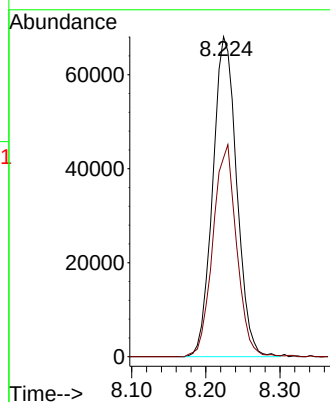
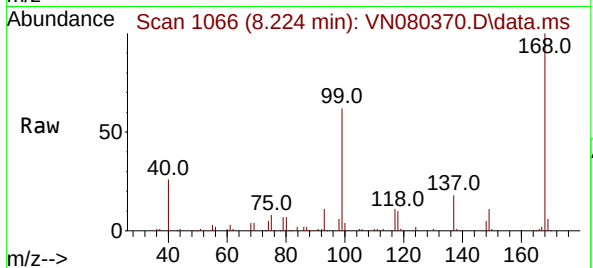




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 16:45

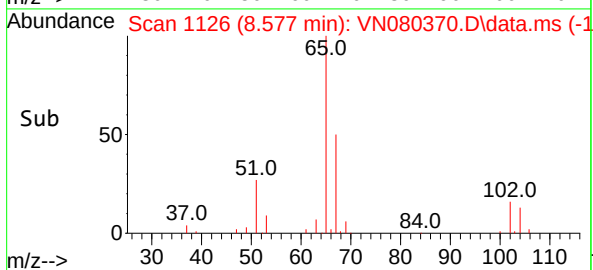
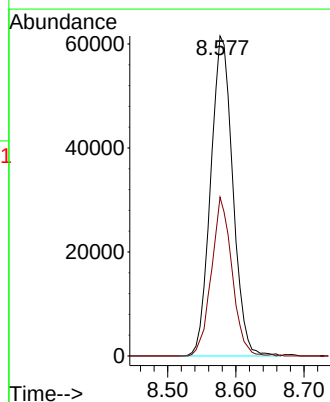
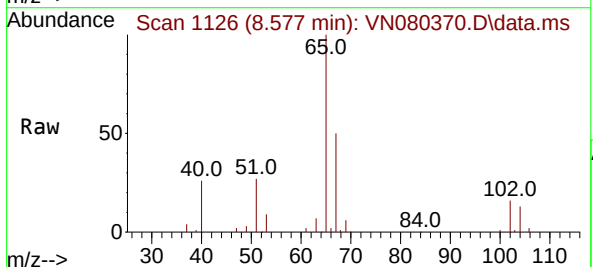
Instrument :
MSVOA_N
ClientSampleId :
RW1

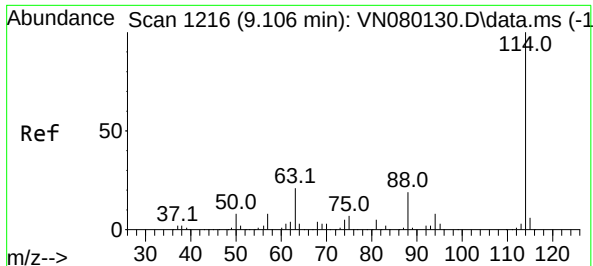
Tgt Ion:168 Resp: 152959
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.073 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 16:45

Tgt Ion: 65 Resp: 139091
Ion Ratio Lower Upper
65 100
67 46.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080370.D

Acq: 05 Dec 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

RW1

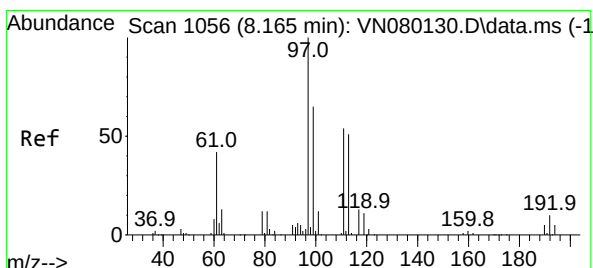
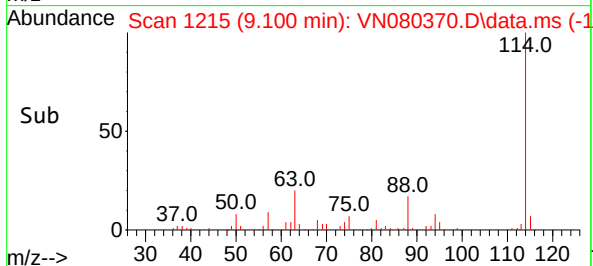
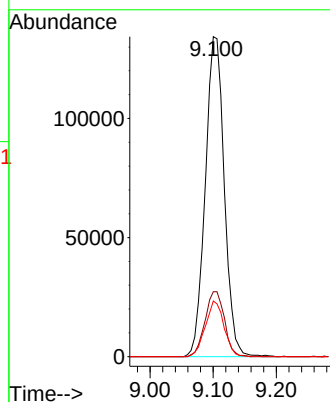
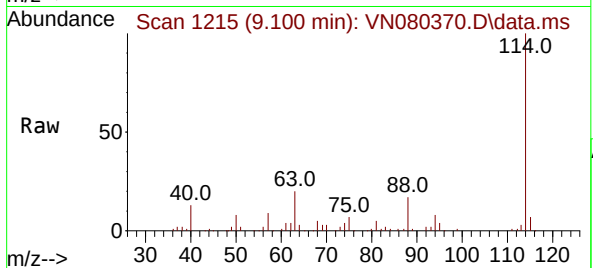
Tgt Ion:114 Resp: 280492

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.364 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080370.D

Acq: 05 Dec 2023 16:45

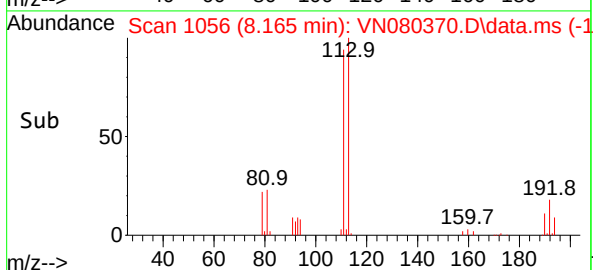
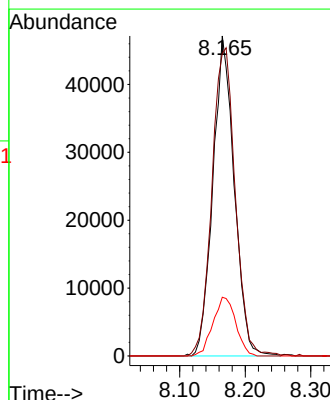
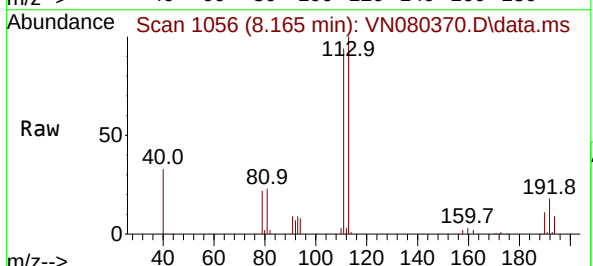
Tgt Ion:113 Resp: 106306

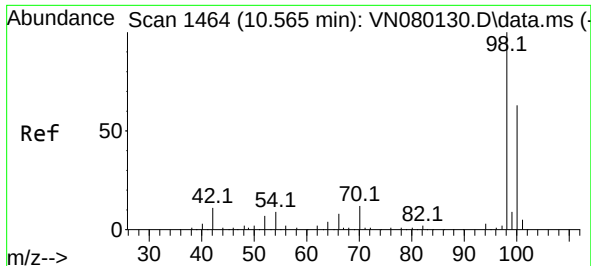
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 19.6 12.7 19.1#

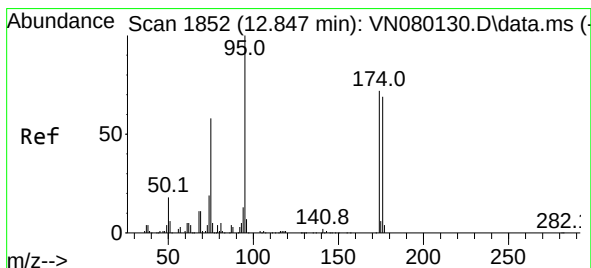
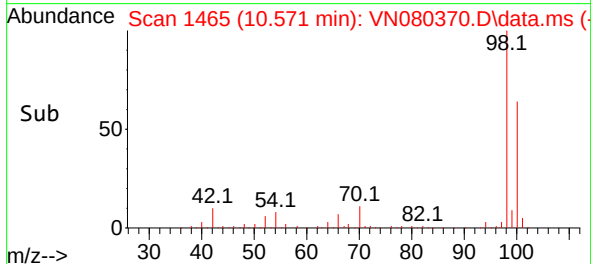
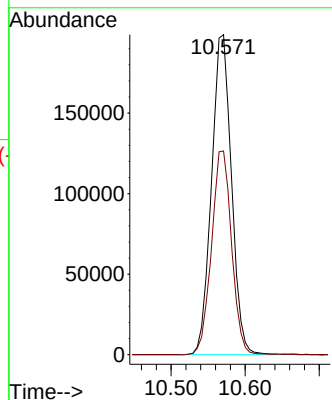
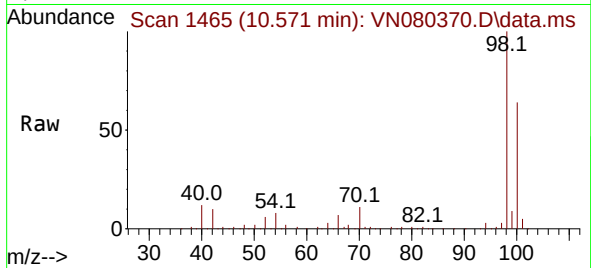




#50
Toluene-d8
Concen: 49.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080370.D
Acq: 05 Dec 2023 16:45

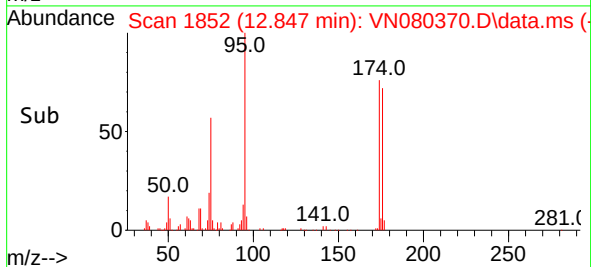
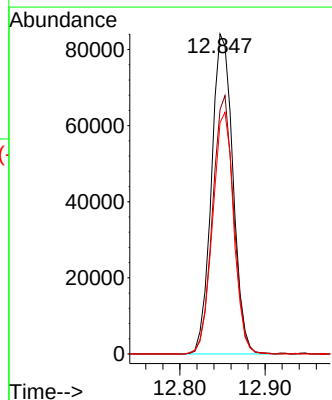
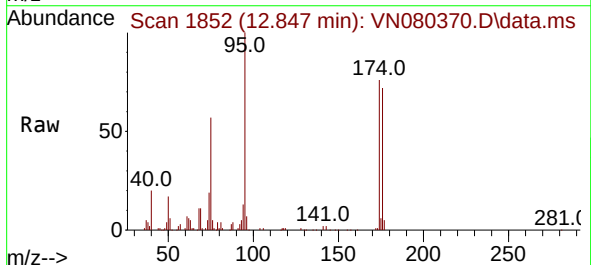
Instrument :
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RW1

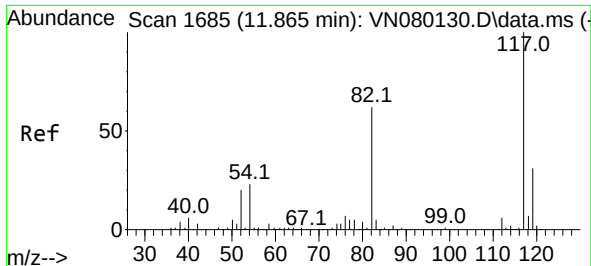
Tgt Ion: 98 Resp: 371126
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 16:45

Tgt Ion: 95 Resp: 146990
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 74.6 0.0 135.8

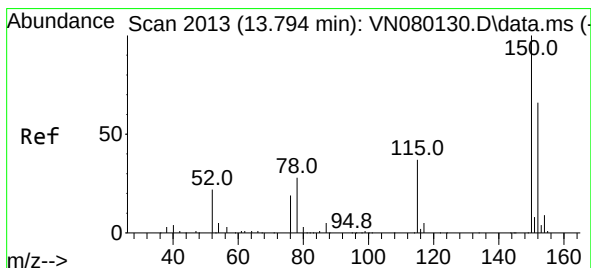
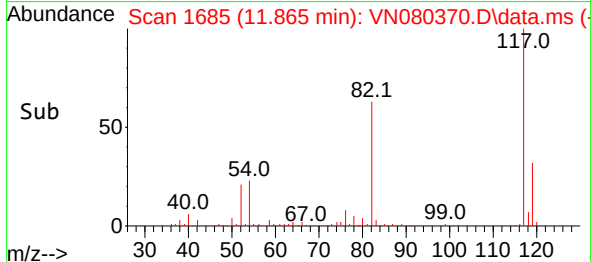
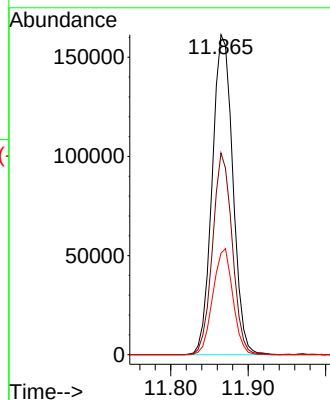
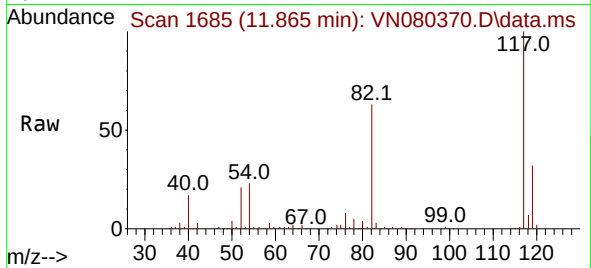




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080370.D
Acq: 05 Dec 2023 16:45

Instrument :
MSVOA_N
ClientSampleId :
RW1

Tgt Ion:117 Resp: 298966
Ion Ratio Lower Upper
117 100
82 63.1 44.0 66.0
119 31.7 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: VN080370.D
Acq: 05 Dec 2023 16:45

Tgt Ion:152 Resp: 135750
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 156.8 0.0 355.8

