

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080233.D
 Acq On : 21 Nov 2023 15:40
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 22 00:08:28 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	159328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146583	55.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.440%
35) Dibromofluoromethane	8.165	113	112656	52.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	10.571	98	383360	49.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.853	95	160133	55.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.080%

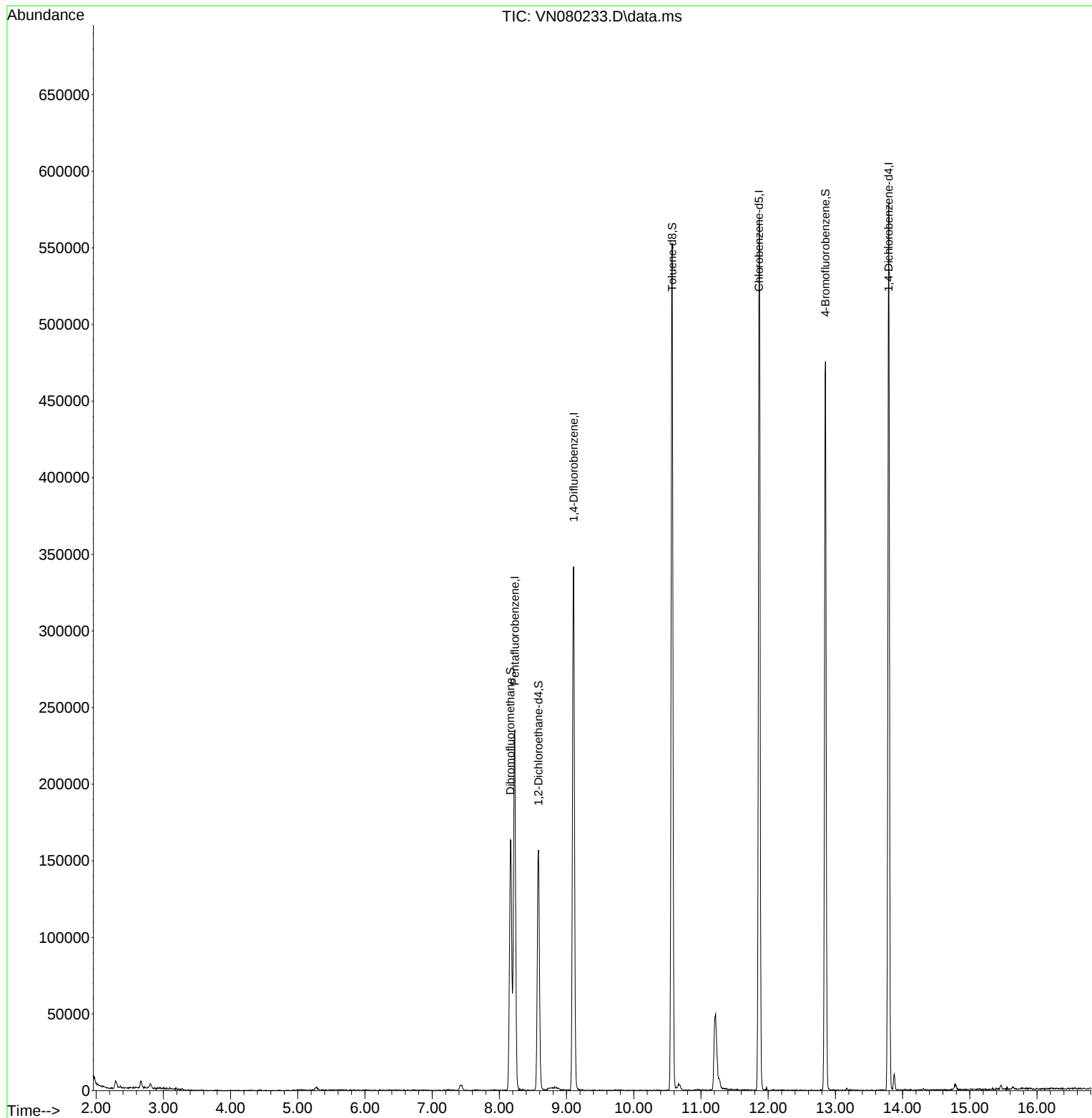
Target Compounds	Qvalue

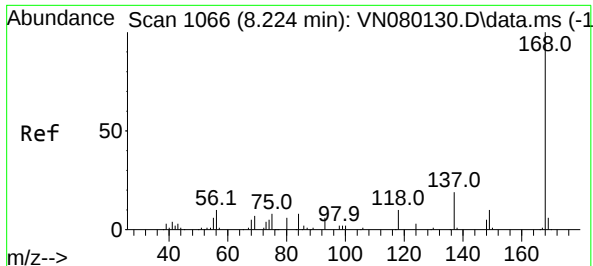
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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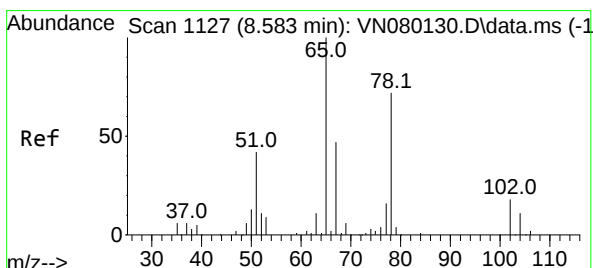
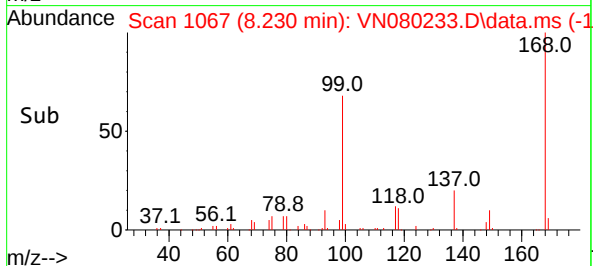
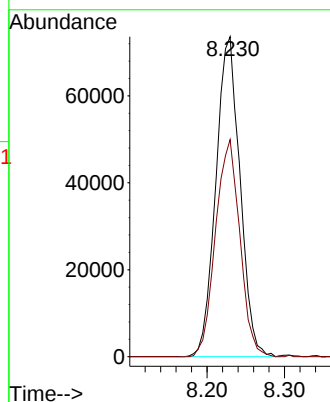
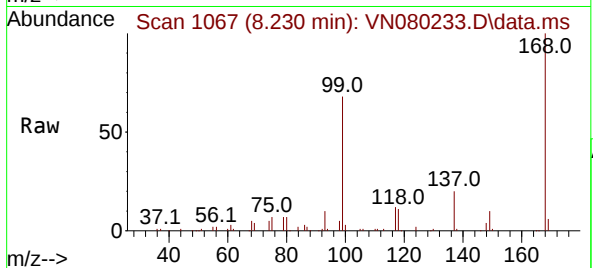




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

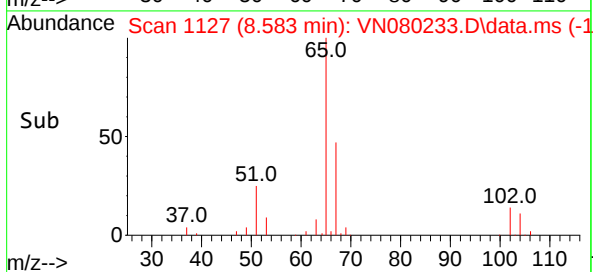
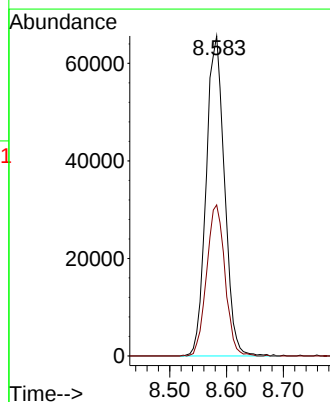
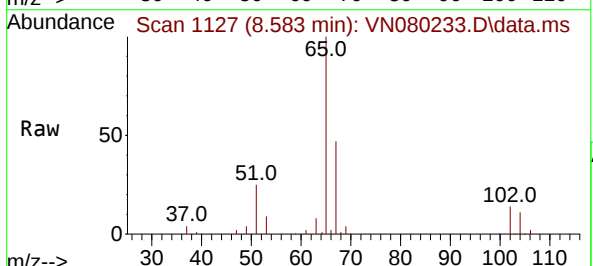
Instrument :
MSVOA_N
ClientSampleId :
IBLK

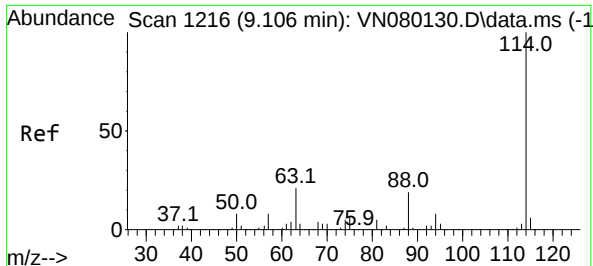
Tgt Ion:168 Resp: 159328
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.719 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 65 Resp: 146583
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

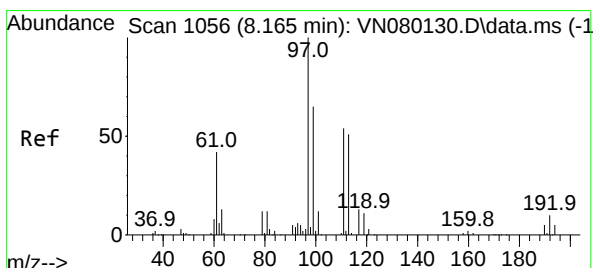
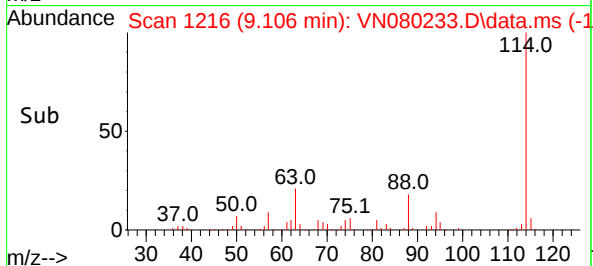
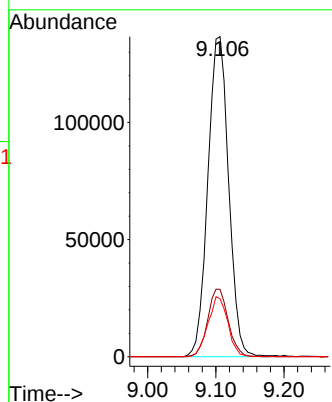
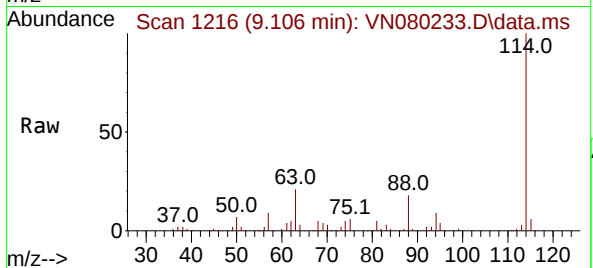
Tgt Ion:114 Resp: 289582

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 18.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.723 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

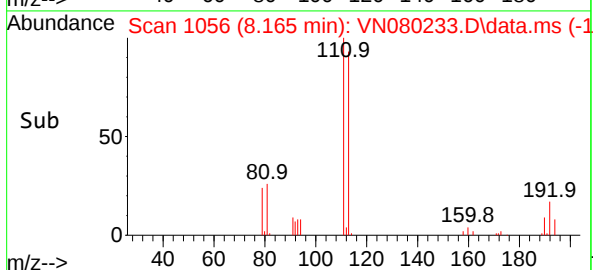
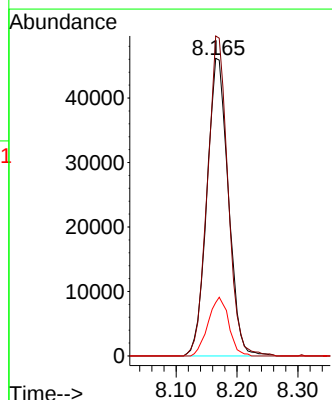
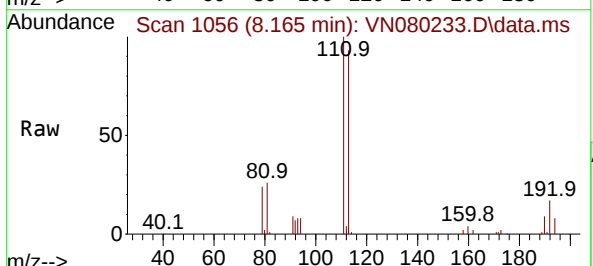
Tgt Ion:113 Resp: 112656

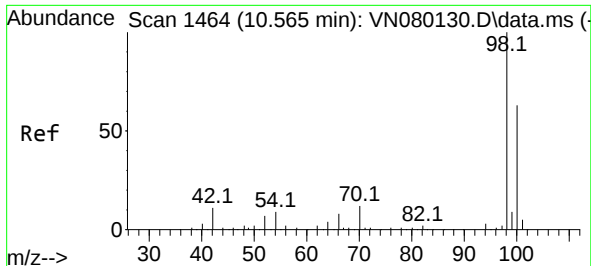
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 19.0 12.7 19.1

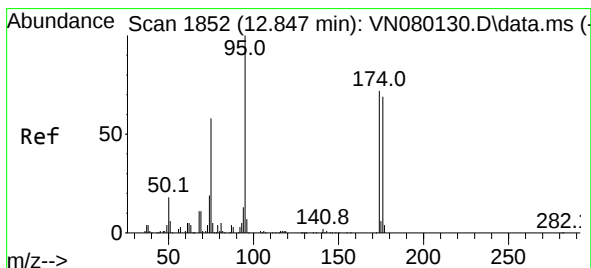
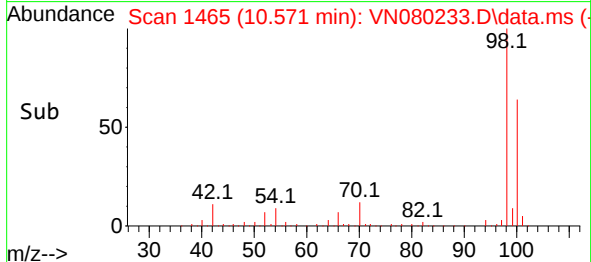
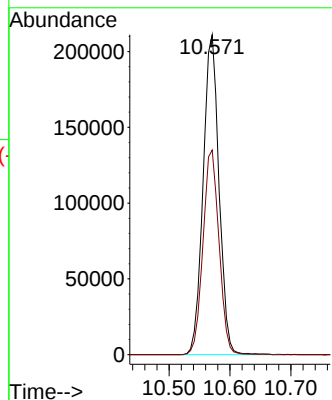
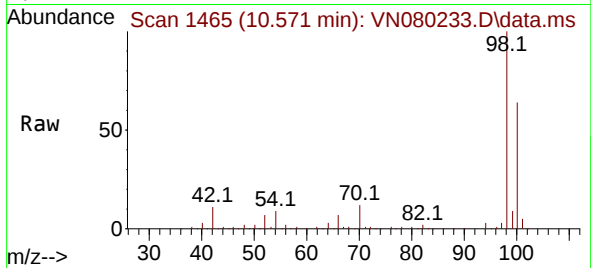




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

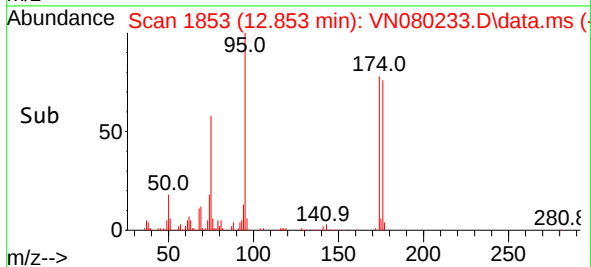
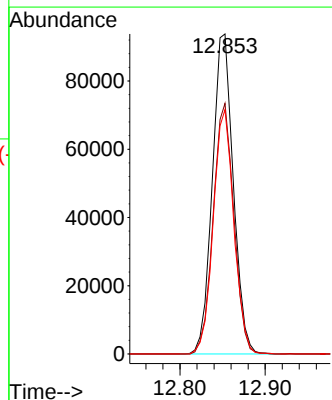
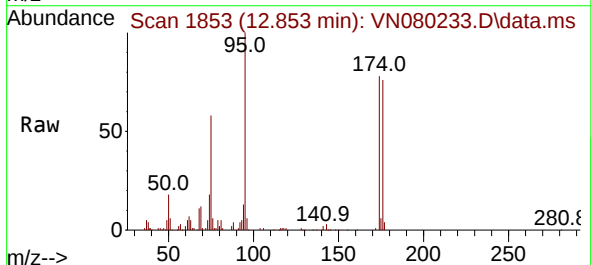
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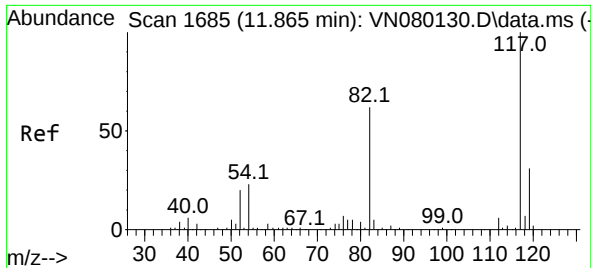
Tgt Ion: 98 Resp: 383360
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.041 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 95 Resp: 160133
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.9 0.0 135.8

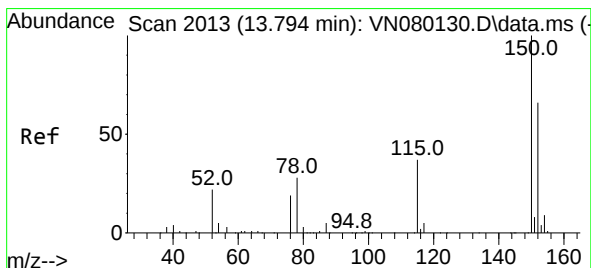
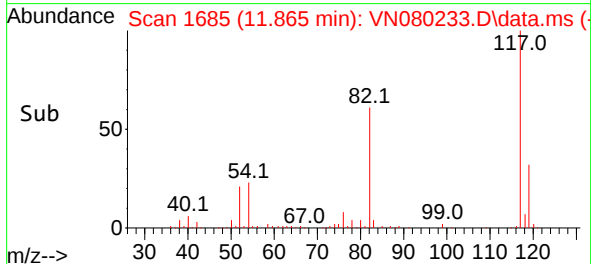
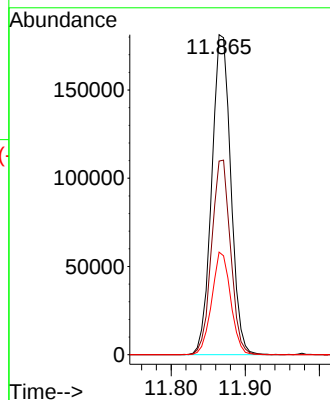
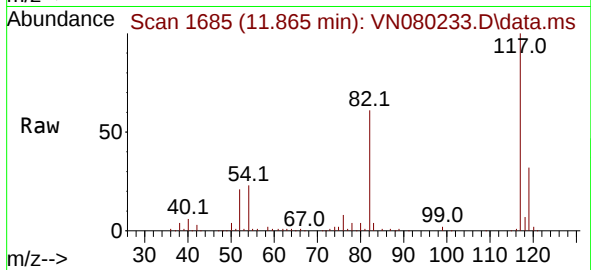




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 324205
Ion Ratio Lower Upper
117 100
82 60.5 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: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion:152 Resp: 145795
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 160.6 0.0 355.8

