

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082258.D
 Acq On : 21 May 2024 23:08
 Operator : JC\MD
 Sample : VN0521MBL03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBL03

Quant Time: May 22 02:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	175418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	281416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144624	52.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.420%
35) Dibromofluoromethane	8.171	113	102481	54.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.180%
50) Toluene-d8	10.571	98	388854	54.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.847	95	127417	49.602	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.200%

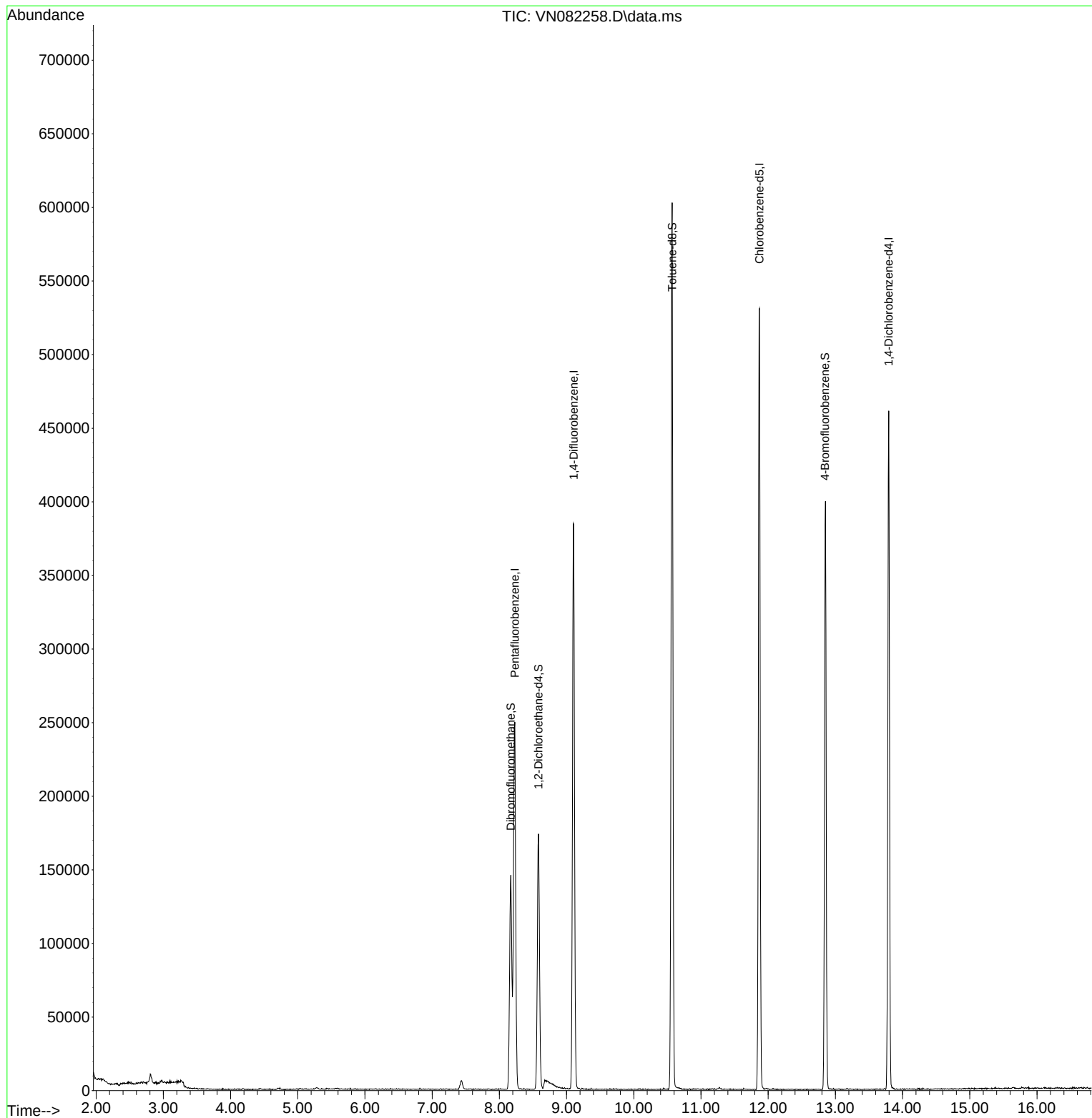
Target Compounds	Qvalue

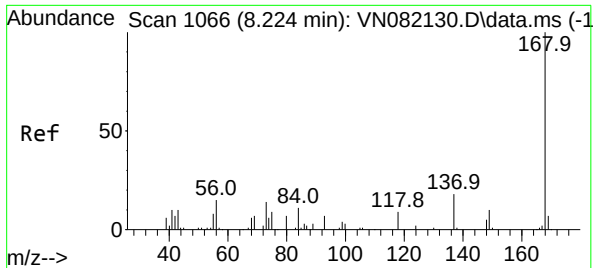
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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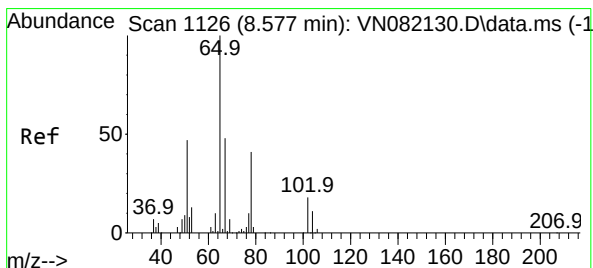
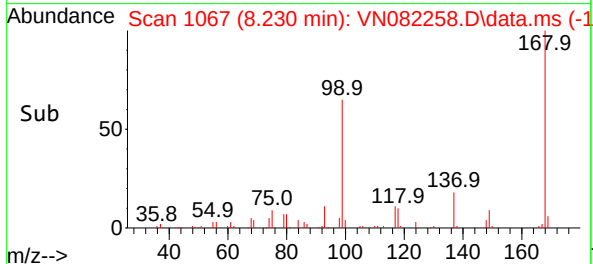
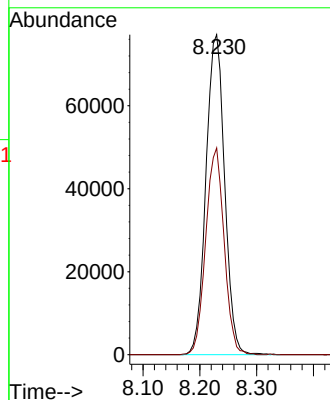
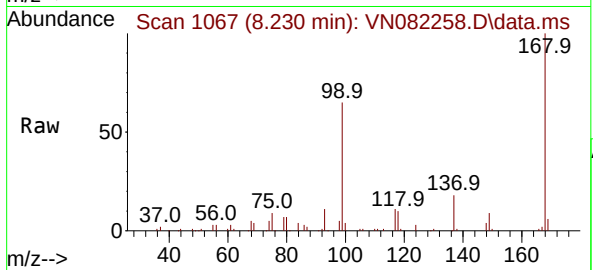




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

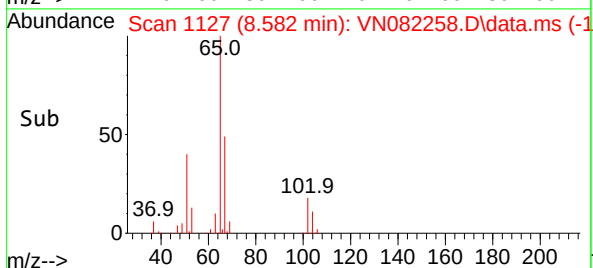
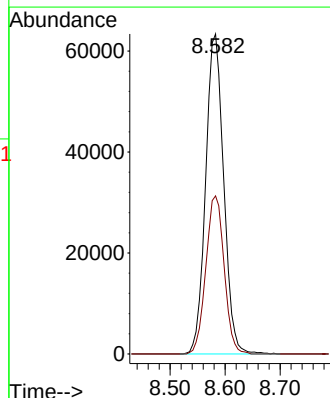
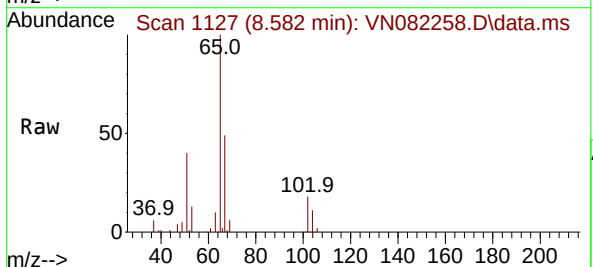
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

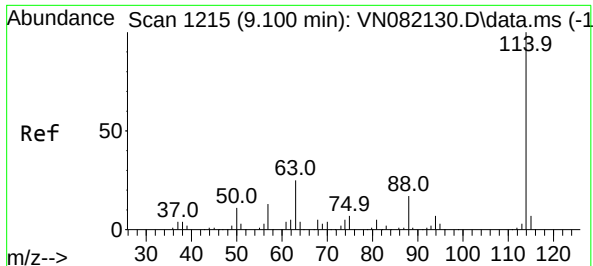
Tgt Ion:168 Resp: 175418
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.213 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 65 Resp: 144624
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082258.D

Acq: 21 May 2024 23:08

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBL03

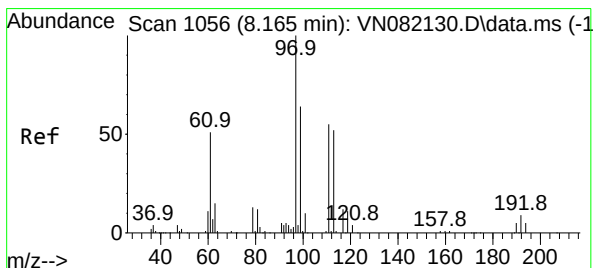
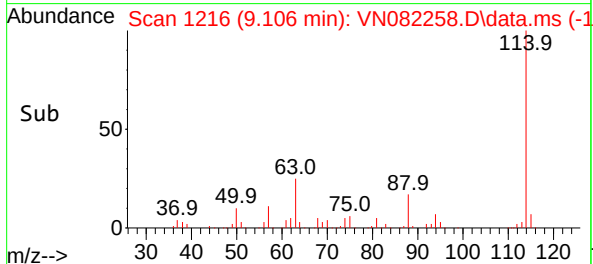
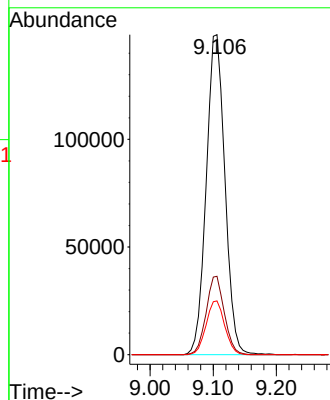
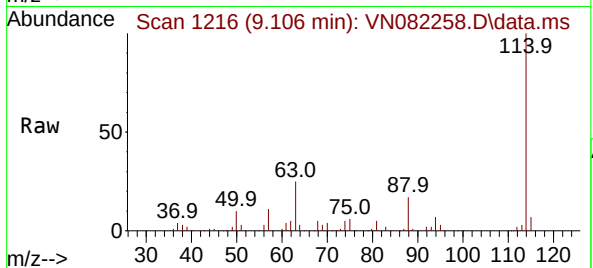
Tgt Ion:114 Resp: 305159

Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.593 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082258.D

Acq: 21 May 2024 23:08

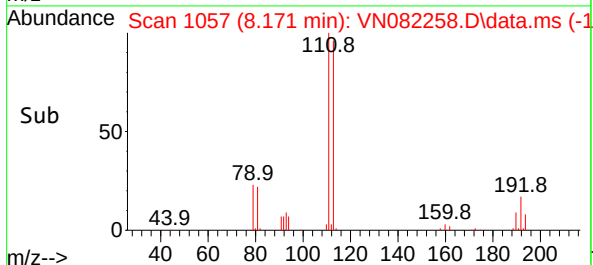
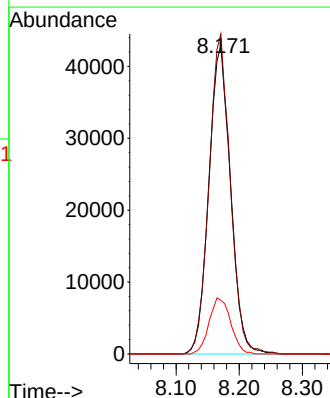
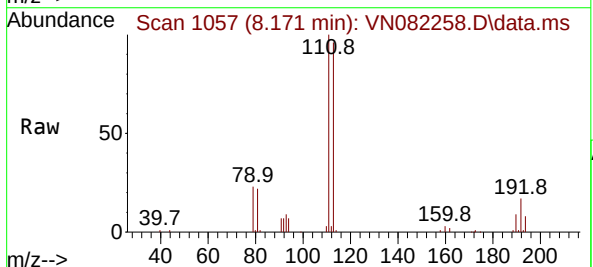
Tgt Ion:113 Resp: 102481

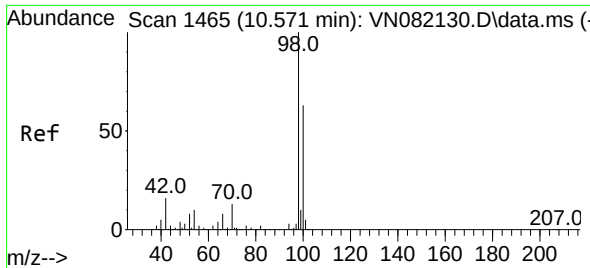
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 18.1 14.0 21.0

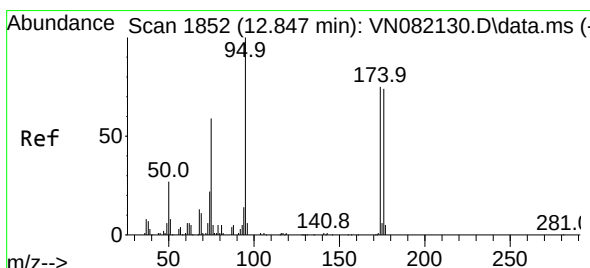
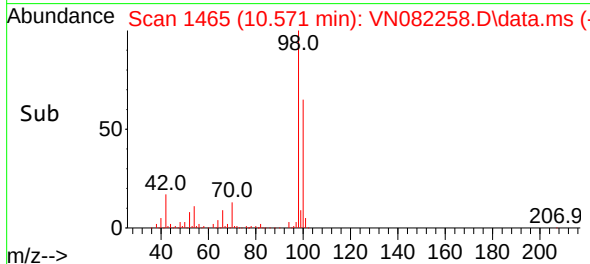
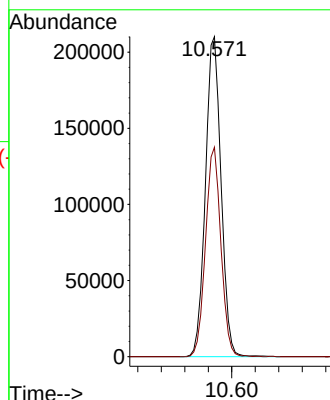
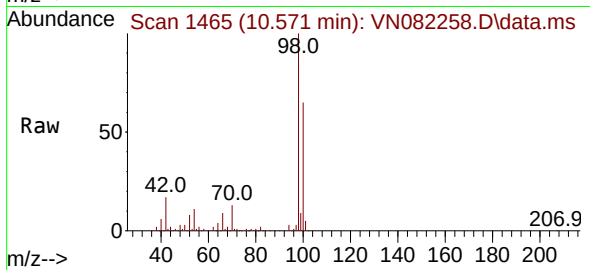




#50
Toluene-d8
Concen: 54.030 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

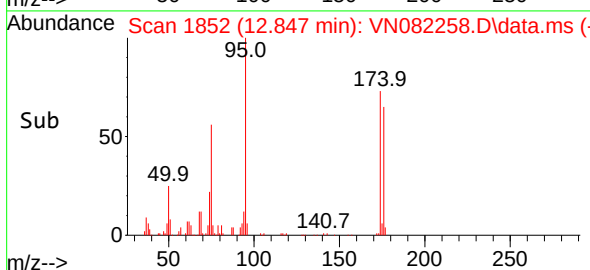
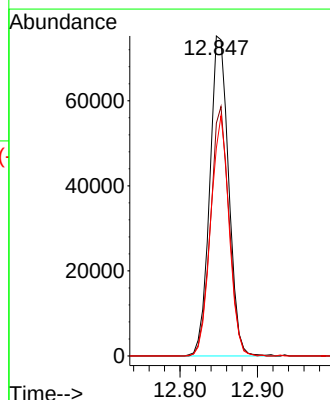
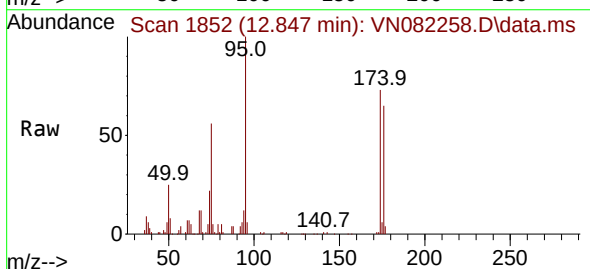
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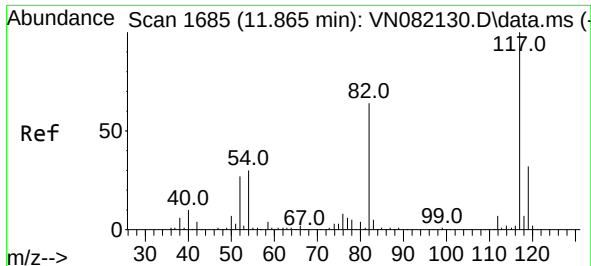
Tgt Ion: 98 Resp: 388854
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion: 95 Resp: 127417
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 73.2 0.0 152.8

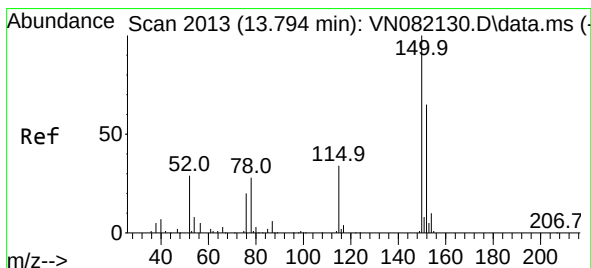
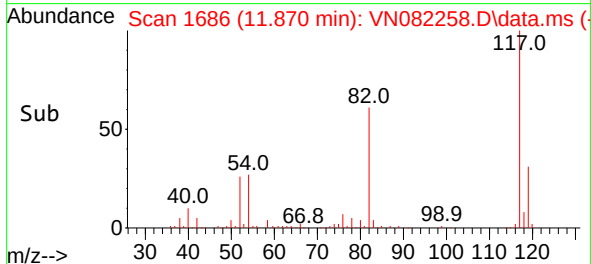
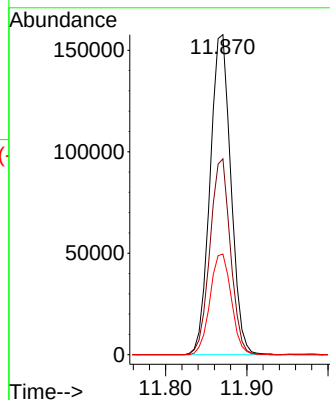
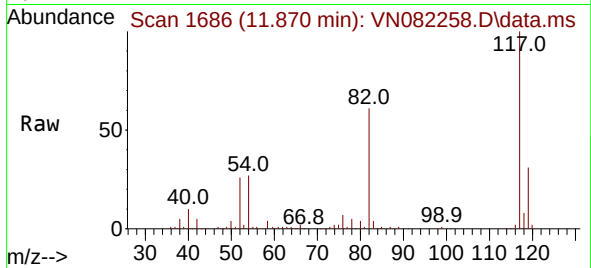




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL03

Tgt Ion:117 Resp: 281416
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082258.D
Acq: 21 May 2024 23:08

Tgt Ion:152 Resp: 115125
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.3
150 161.1 0.0 353.2

