

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082257.D
 Acq On : 21 May 2024 22:44
 Operator : JC\MD
 Sample : VN0521MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBL02

Quant Time: May 22 02:39:58 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	169141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	268514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134184	50.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.480%
35) Dibromofluoromethane	8.171	113	96009	53.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	10.571	98	371397	54.020	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.853	95	123197	50.204	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.400%

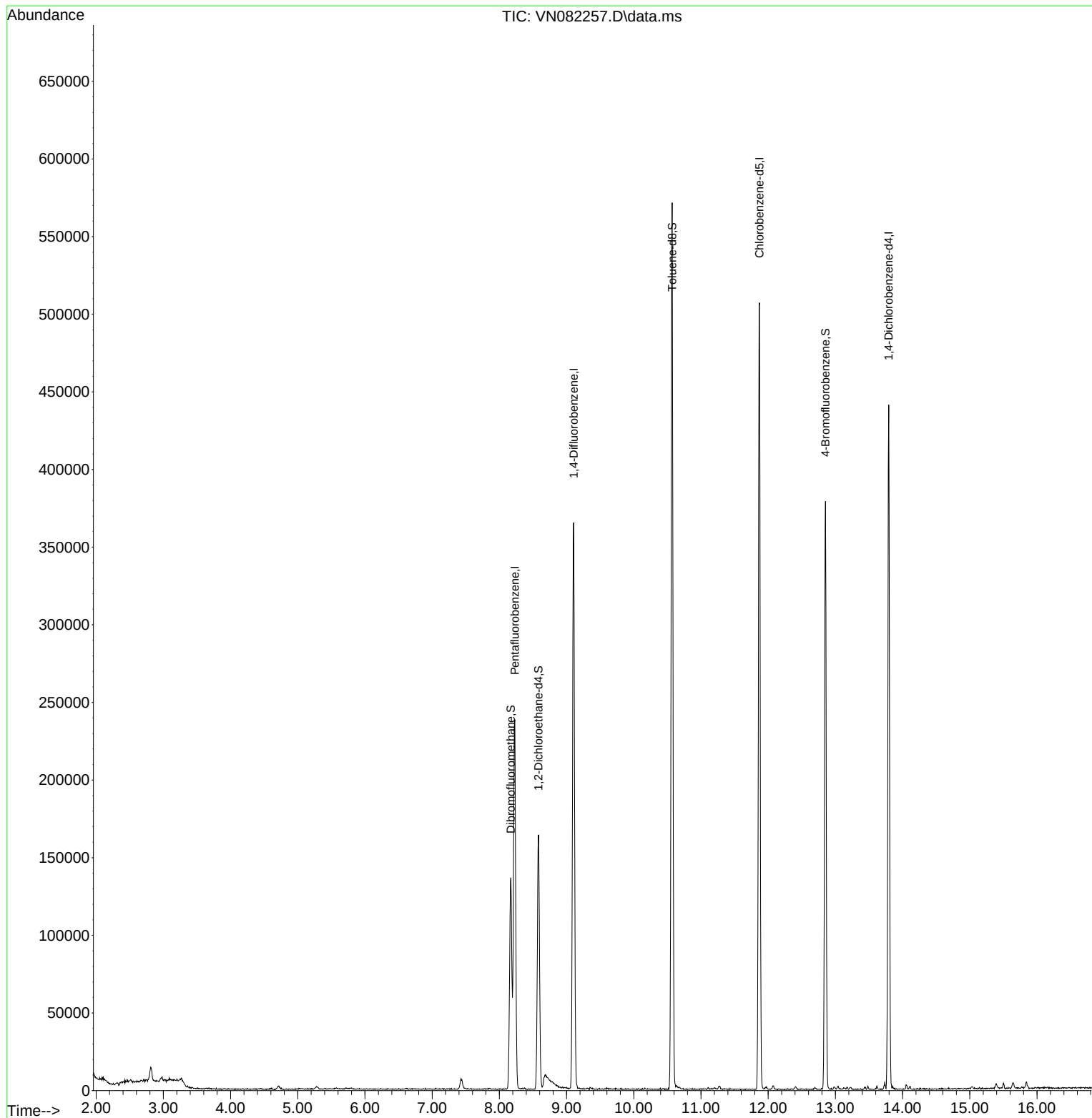
Target Compounds	Qvalue

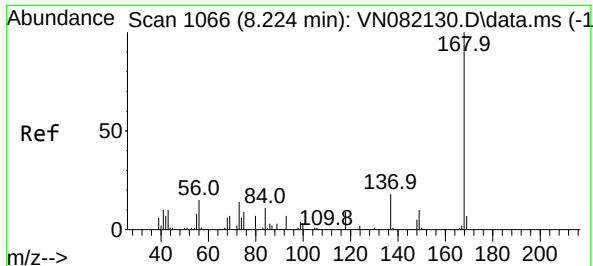
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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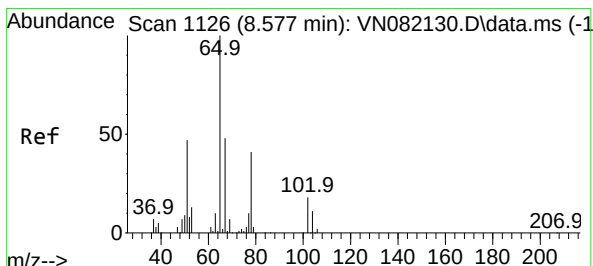
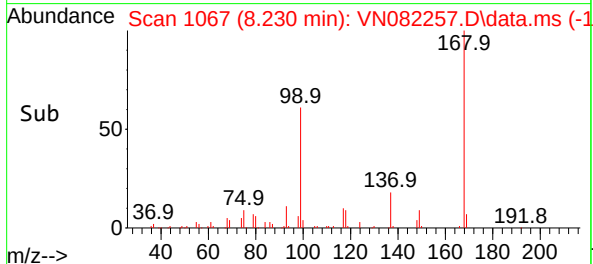
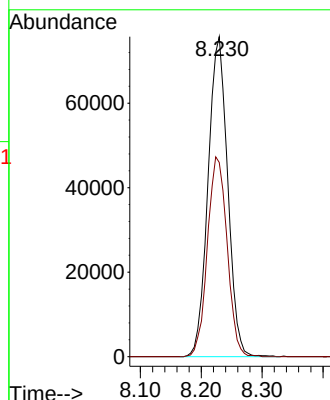
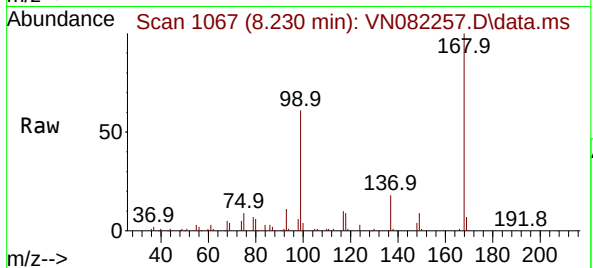




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082257.D
Acq: 21 May 2024 22:44

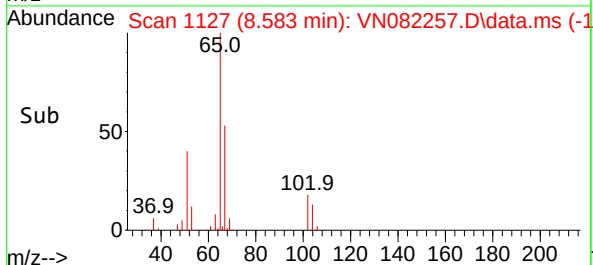
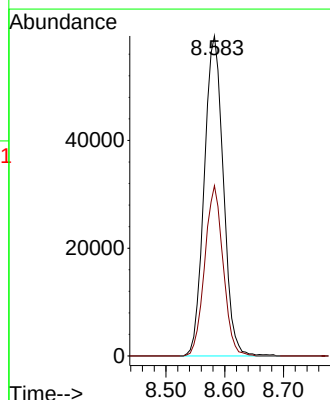
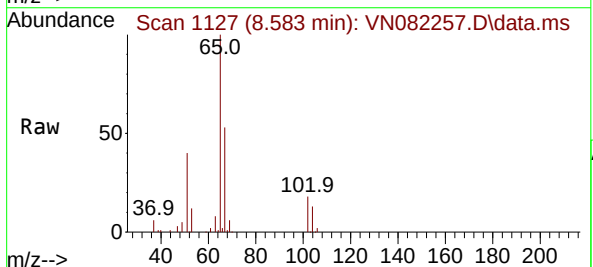
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL02

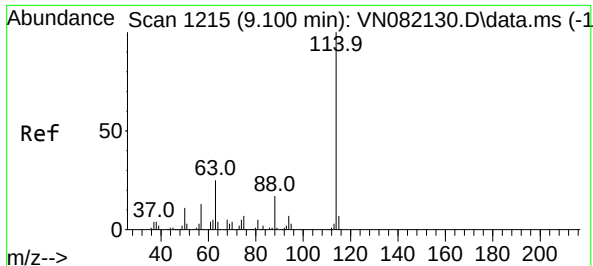
Tgt Ion:168 Resp: 169141
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.242 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082257.D
Acq: 21 May 2024 22:44

Tgt Ion: 65 Resp: 134184
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082257.D

Acq: 21 May 2024 22:44

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBL02

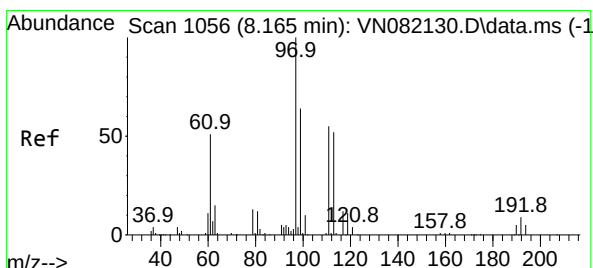
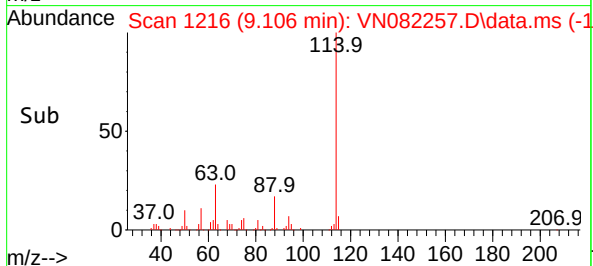
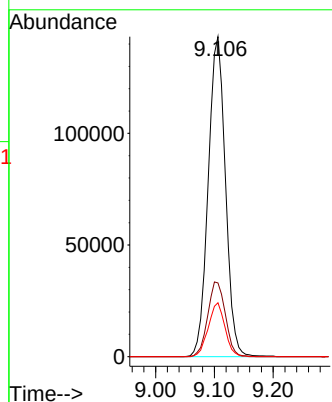
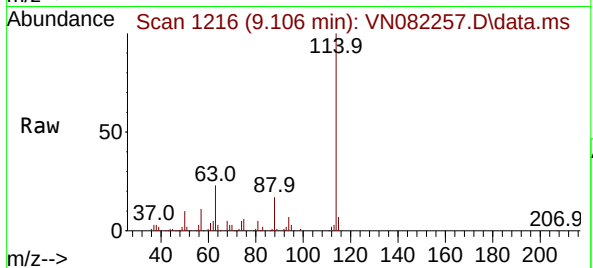
Tgt Ion:114 Resp: 291514

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.539 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082257.D

Acq: 21 May 2024 22:44

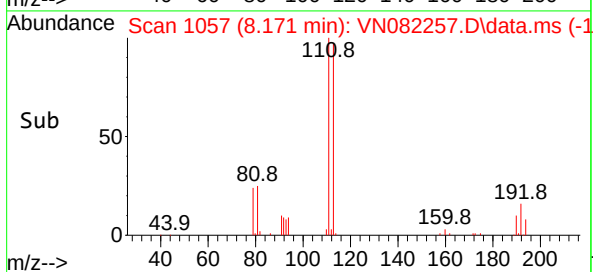
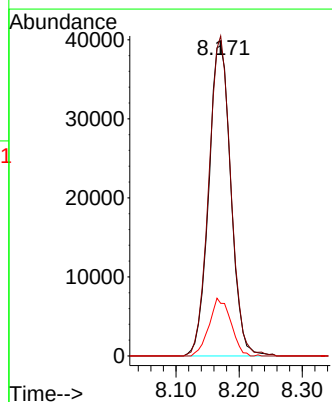
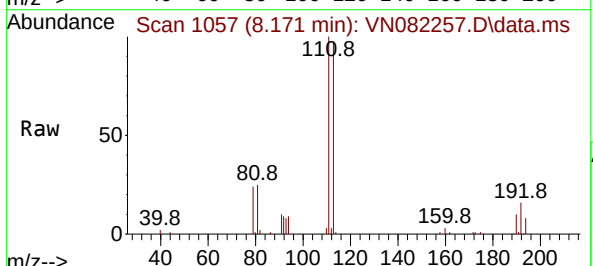
Tgt Ion:113 Resp: 96009

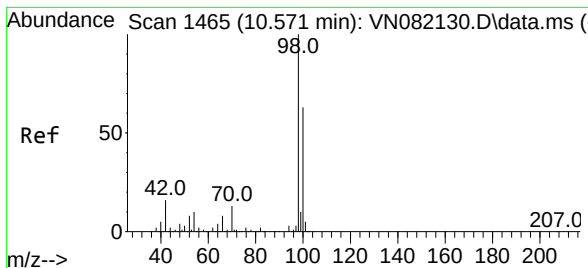
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 18.2 14.0 21.0

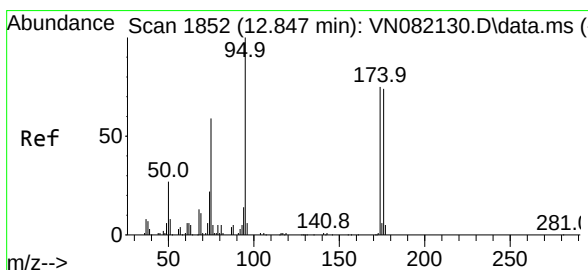
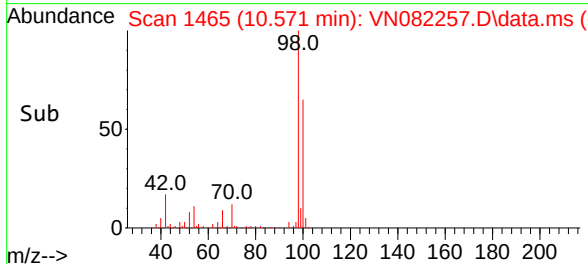
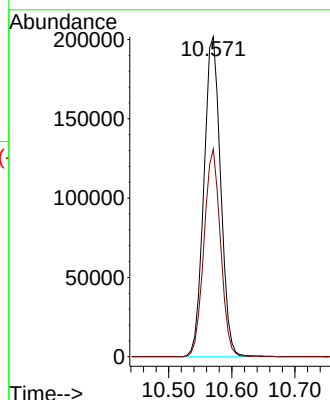
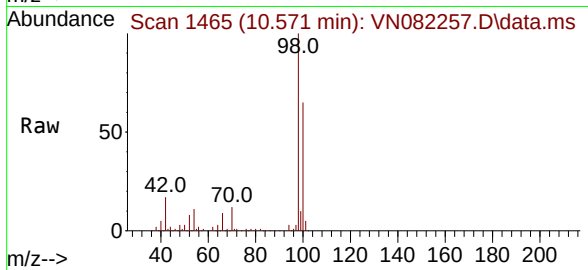




#50
Toluene-d8
Concen: 54.020 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082257.D
Acq: 21 May 2024 22:44

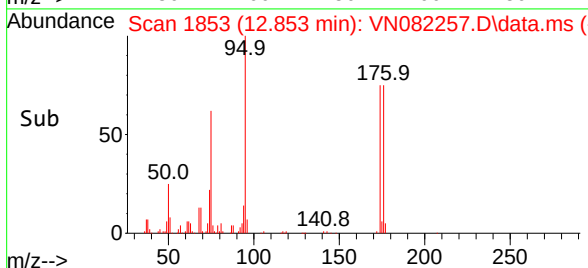
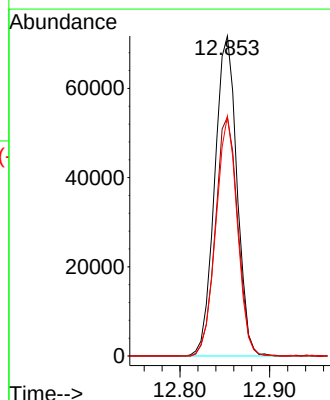
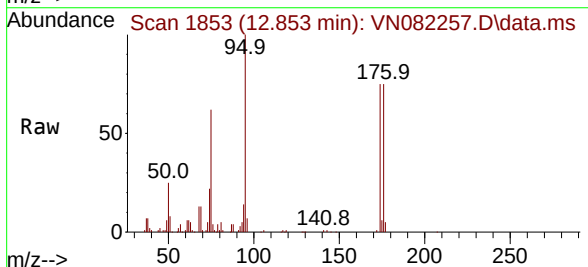
Instrument :
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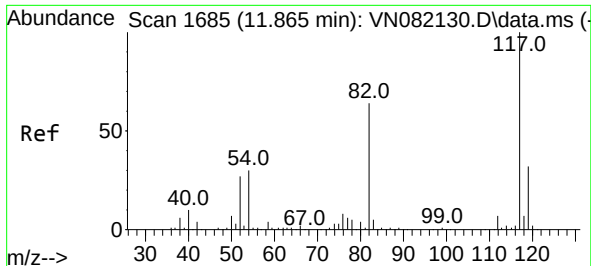
Tgt Ion: 98 Resp: 371397
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.204 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082257.D
Acq: 21 May 2024 22:44

Tgt Ion: 95 Resp: 123197
Ion Ratio Lower Upper
95 100
174 75.4 0.0 160.6
176 72.3 0.0 152.8

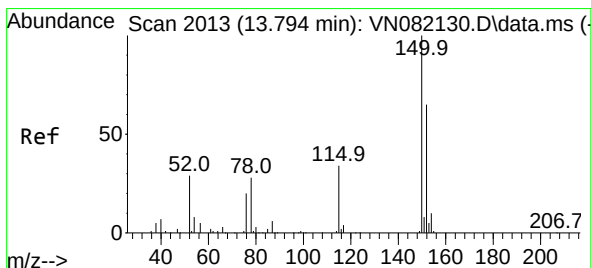
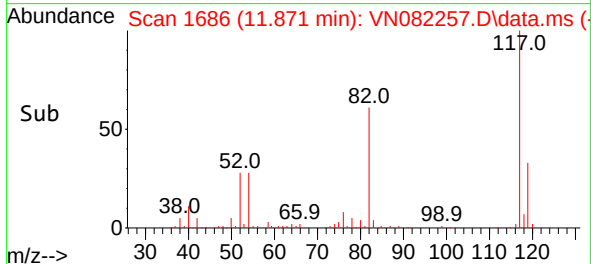
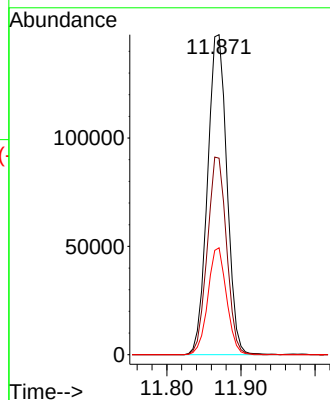
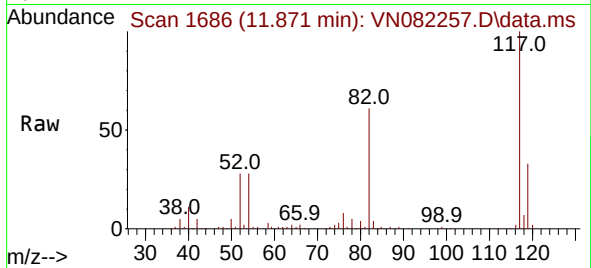




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082257.D
Acq: 21 May 2024 22:44

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBL02

Tgt Ion:117 Resp: 268514
Ion Ratio Lower Upper
117 100
82 61.4 44.6 66.8
119 33.4 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: VN082257.D
Acq: 21 May 2024 22:44

Tgt Ion:152 Resp: 109959
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 156.1 0.0 353.2

