

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082154.D
 Acq On : 16 May 2024 12:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 05:01:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133553	51.502	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.000%
35) Dibromofluoromethane	8.165	113	92330	52.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.571	98	363101	53.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.853	95	118954	49.232	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.460%

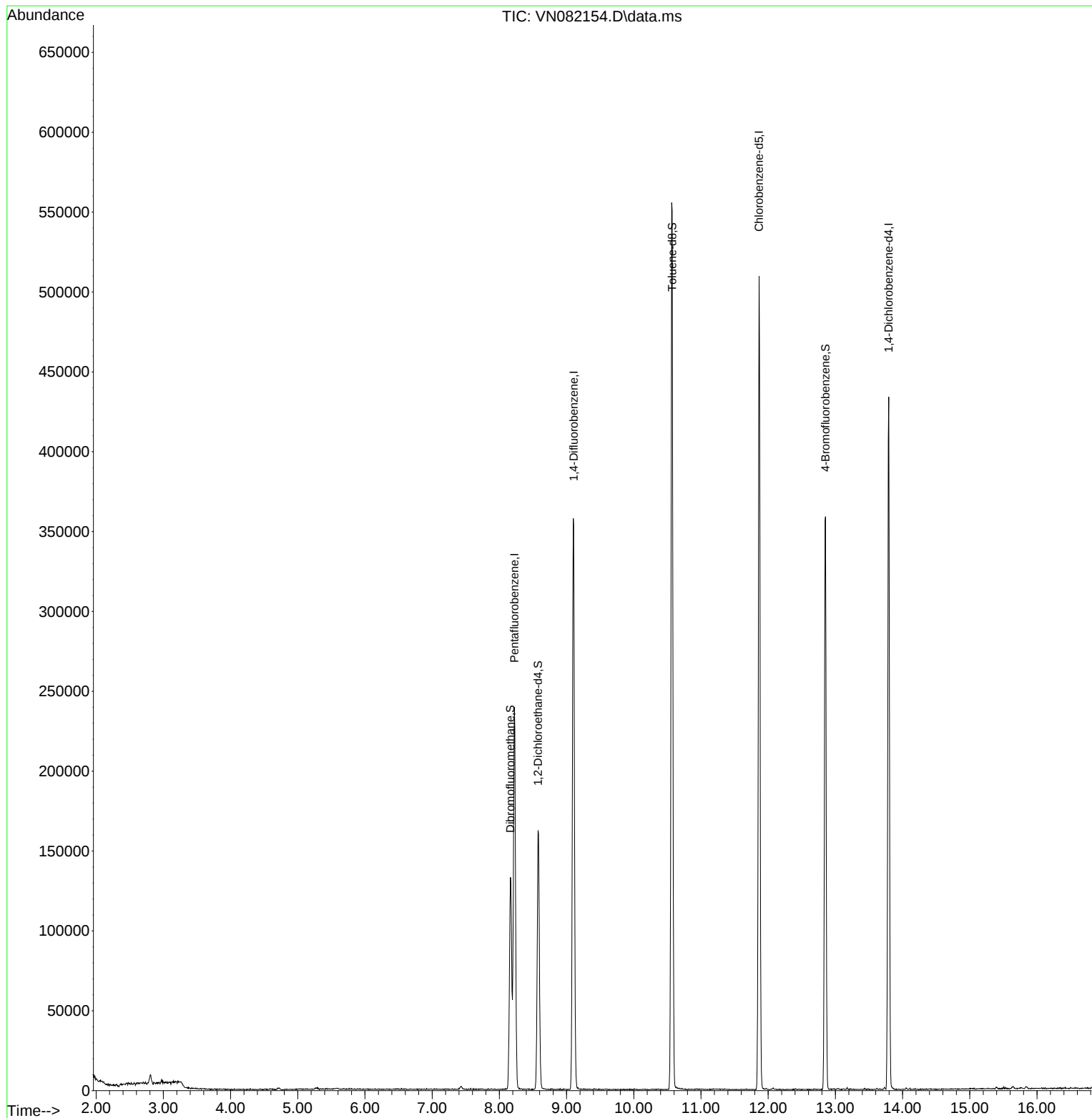
Target Compounds	Qvalue

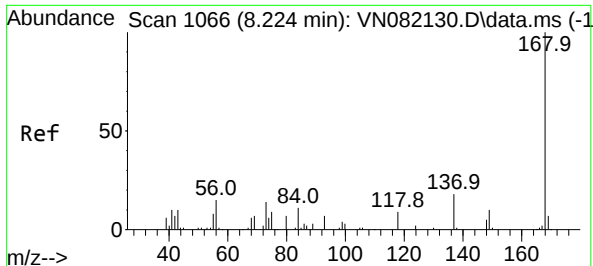
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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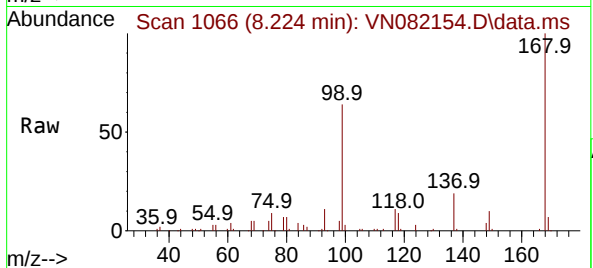
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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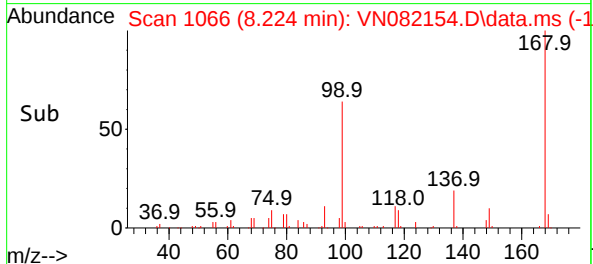
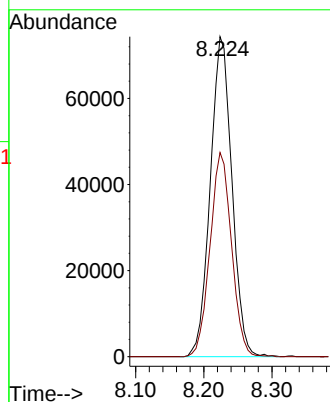


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082154.D
Acq: 16 May 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
IBLK

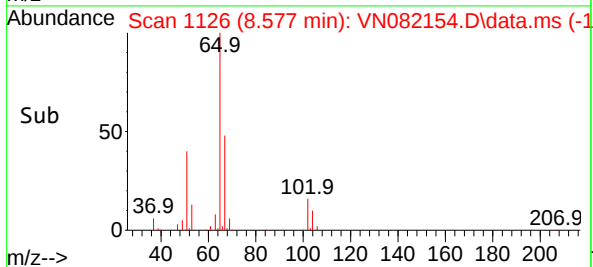
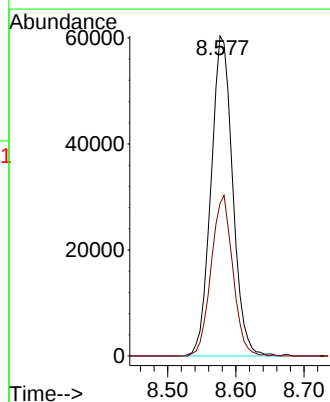
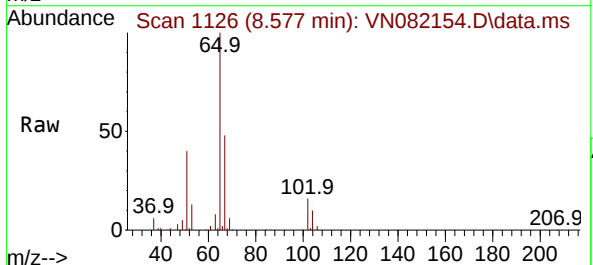


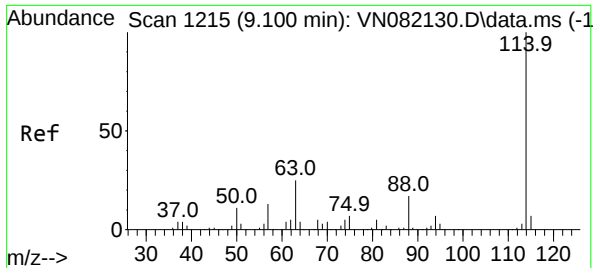
Tgt Ion:168 Resp: 164224
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.502 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082154.D
Acq: 16 May 2024 12:08

Tgt Ion: 65 Resp: 133553
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: VN082154.D

Acq: 16 May 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

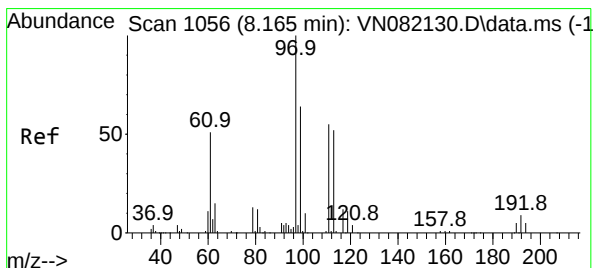
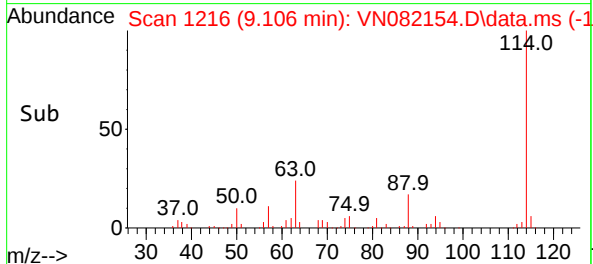
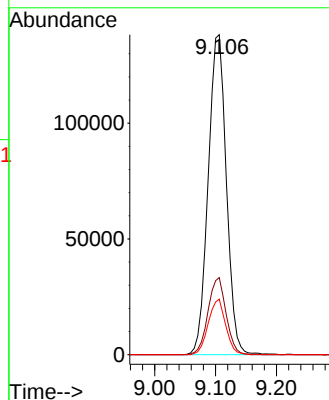
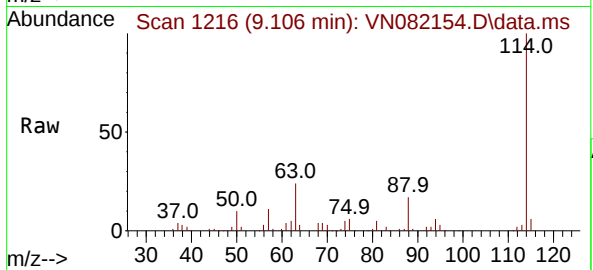
Tgt Ion:114 Resp: 287031

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.291 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082154.D

Acq: 16 May 2024 12:08

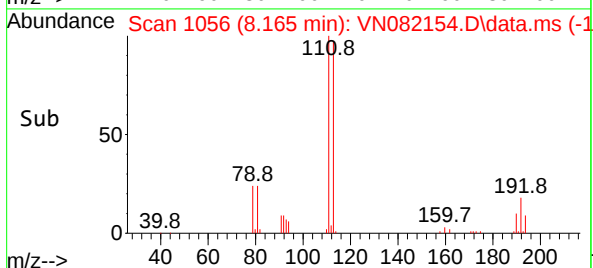
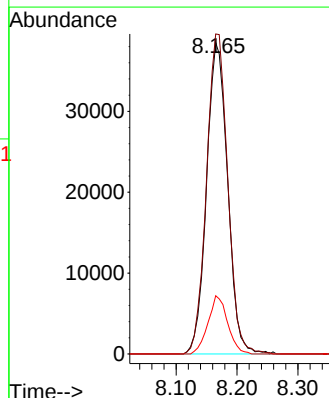
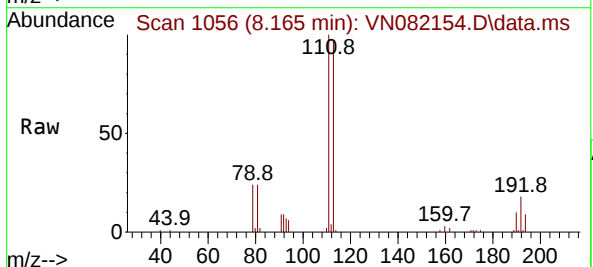
Tgt Ion:113 Resp: 92330

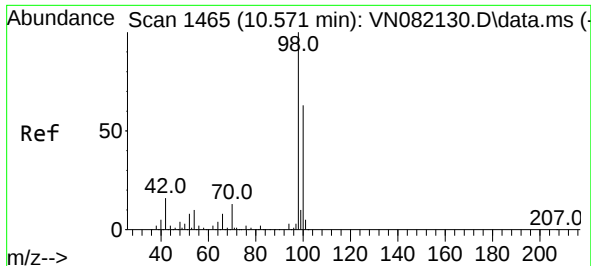
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 17.5 14.0 21.0

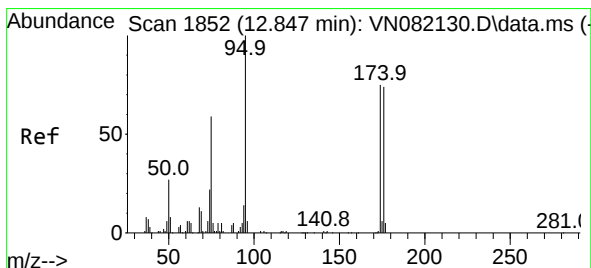
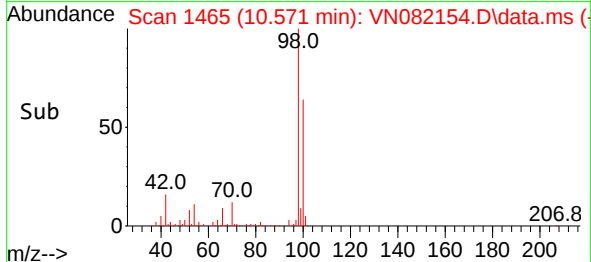
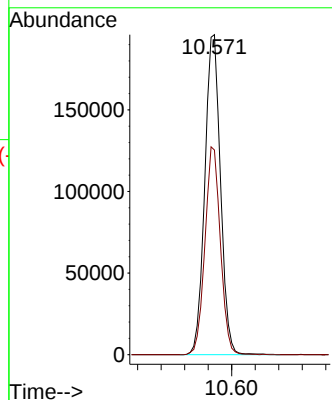
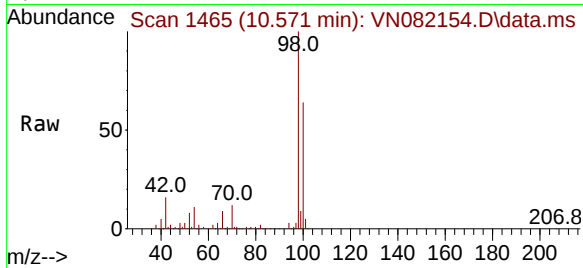




#50
Toluene-d8
Concen: 53.638 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082154.D
Acq: 16 May 2024 12:08

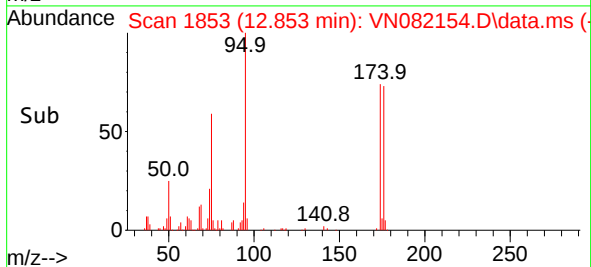
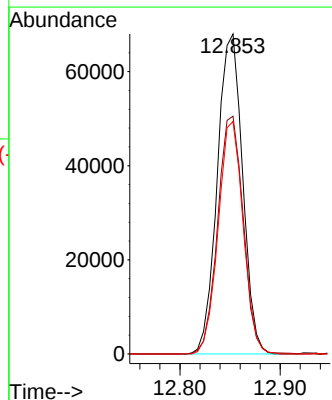
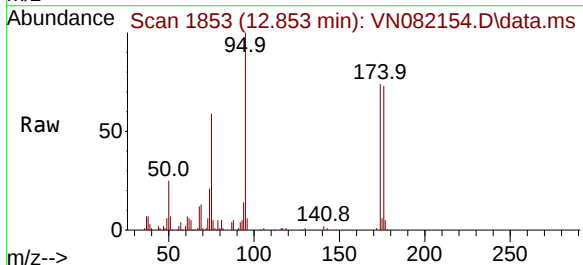
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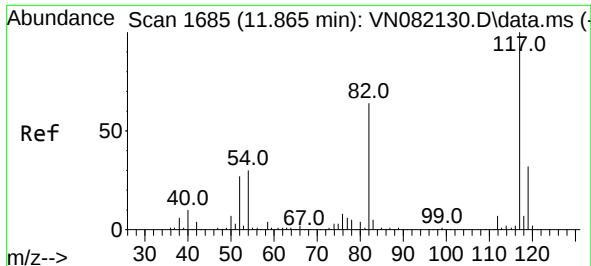
Tgt Ion: 98 Resp: 363101
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.232 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082154.D
Acq: 16 May 2024 12:08

Tgt Ion: 95 Resp: 118954
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 71.7 0.0 152.8

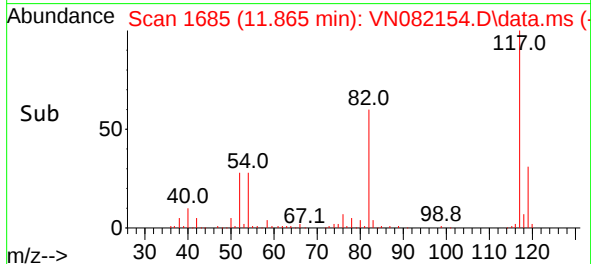
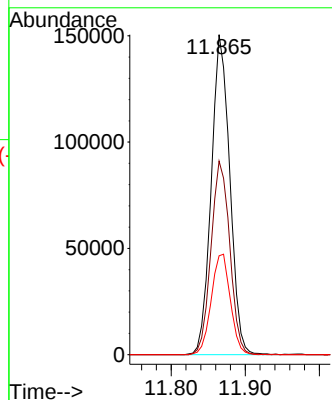
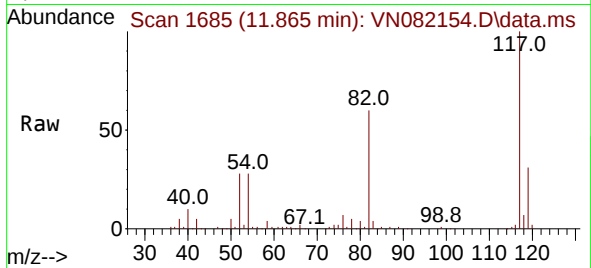




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082154.D
Acq: 16 May 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 261389
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 30.9 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: VN082154.D
Acq: 16 May 2024 12:08

Tgt Ion:152 Resp: 106603
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 156.7 0.0 353.2

