

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081950.D
 Acq On : 01 May 2024 12:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 02 01:33:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	185944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142094	45.278	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.560%
35) Dibromofluoromethane	8.171	113	108745	48.318	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	10.565	98	456464	51.641	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.847	95	150905	43.187	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.380%

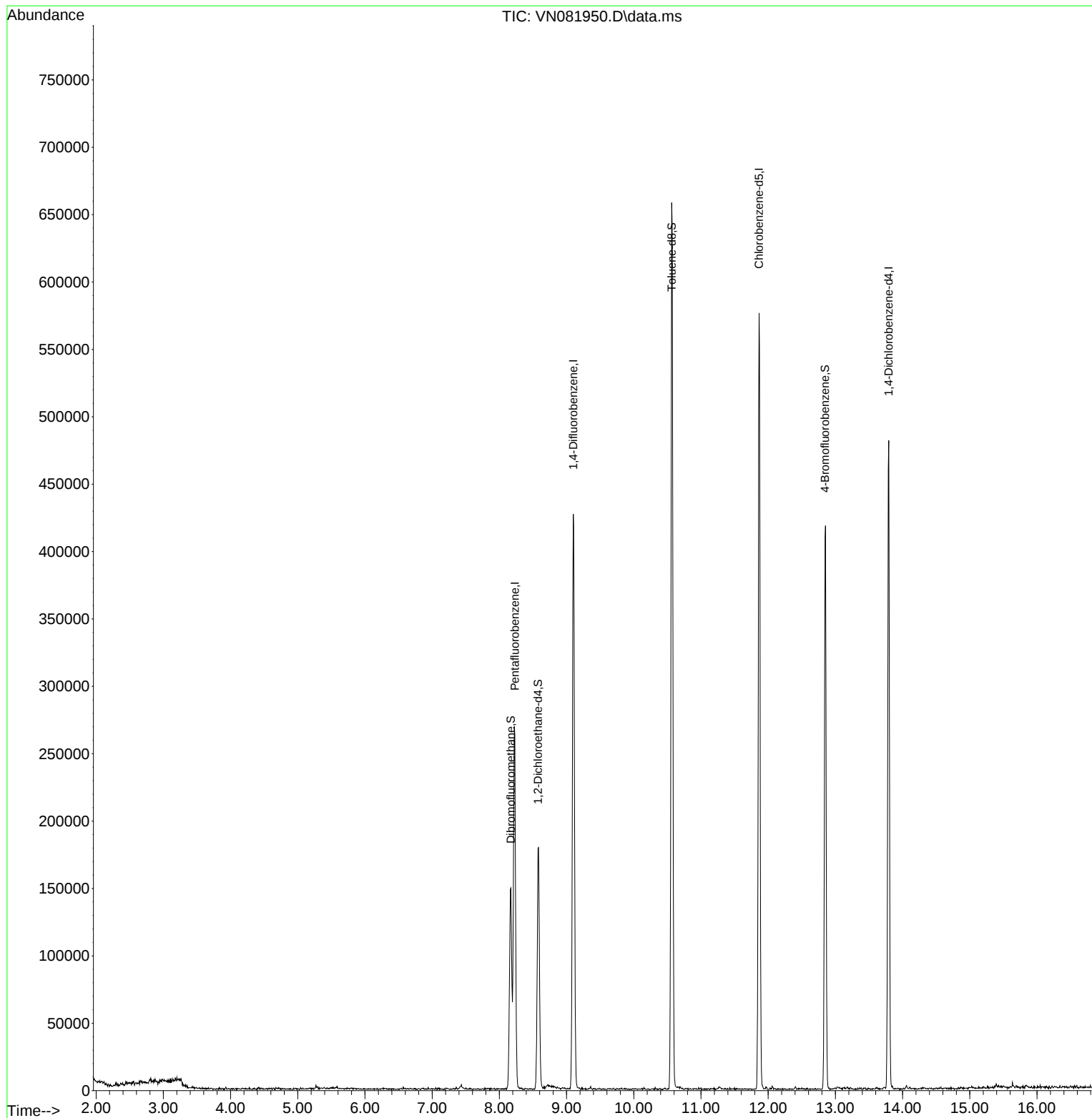
Target Compounds	Qvalue

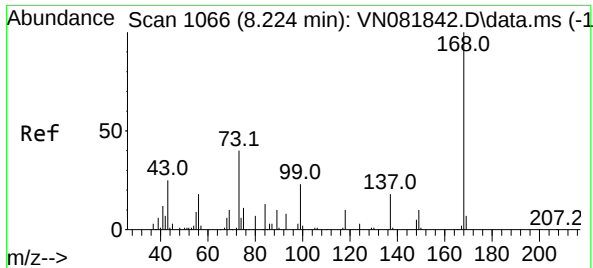
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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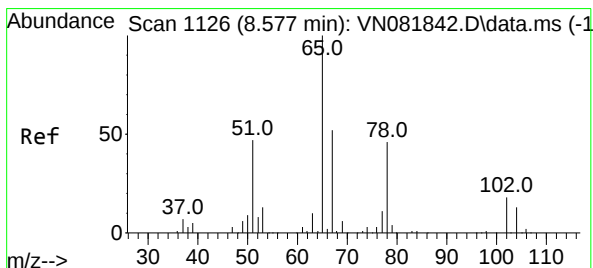
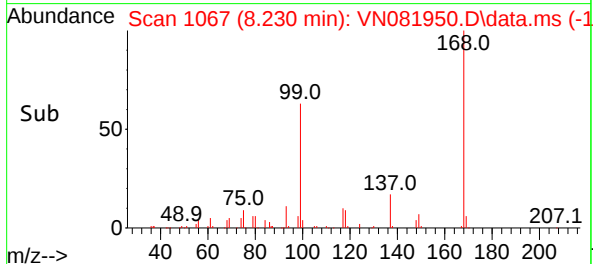
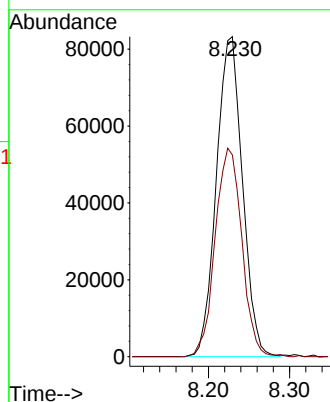
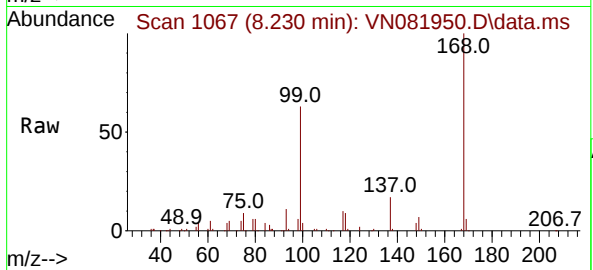




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081950.D
Acq: 01 May 2024 12:39

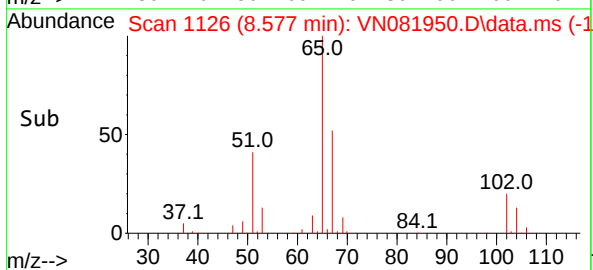
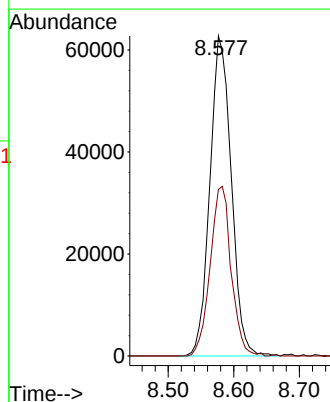
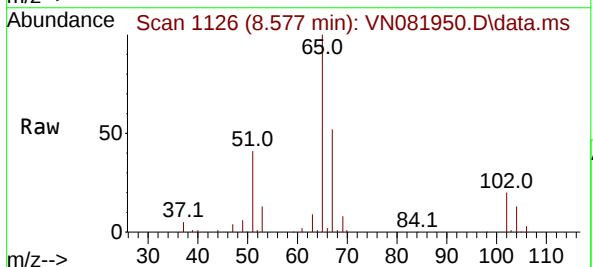
Instrument :
MSVOA_N
ClientSampleId :
IBLK

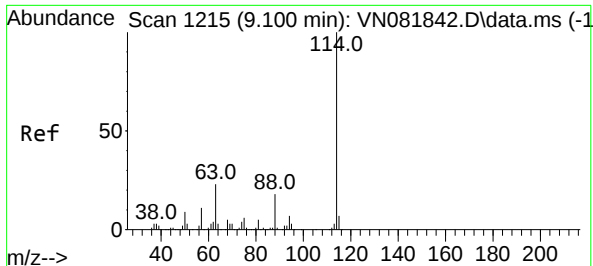
Tgt Ion:168 Resp: 185944
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.278 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081950.D
Acq: 01 May 2024 12:39

Tgt Ion: 65 Resp: 142094
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081950.D

Acq: 01 May 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

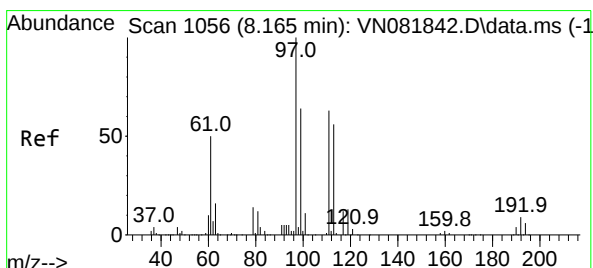
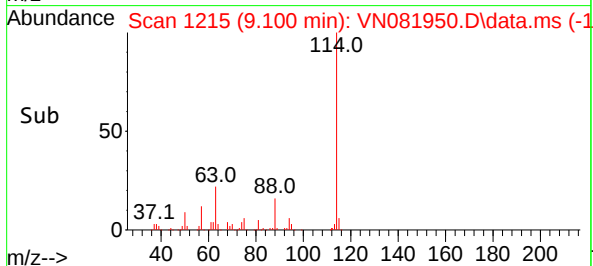
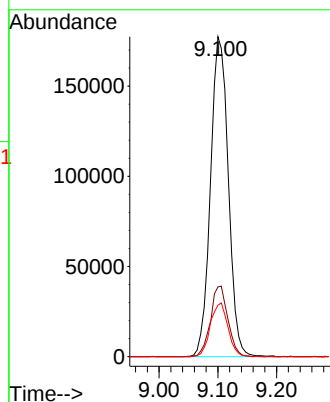
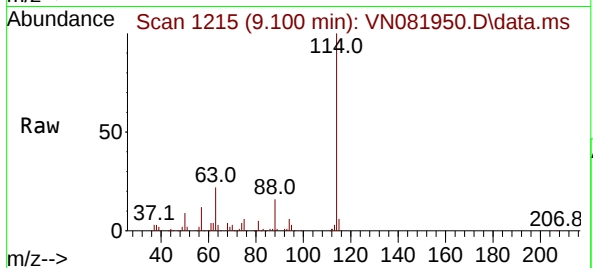
Tgt Ion:114 Resp: 373806

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.318 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081950.D

Acq: 01 May 2024 12:39

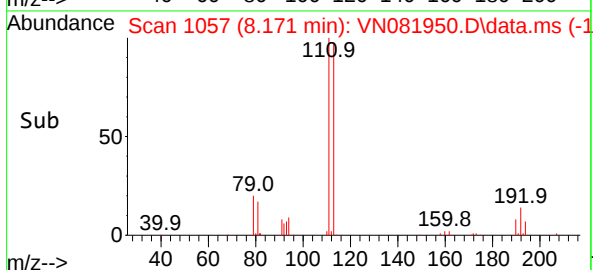
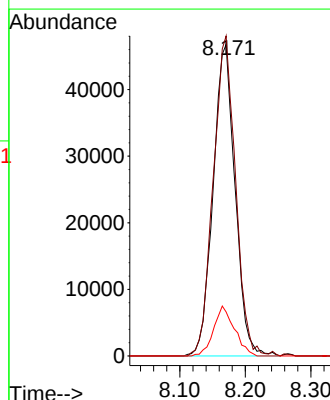
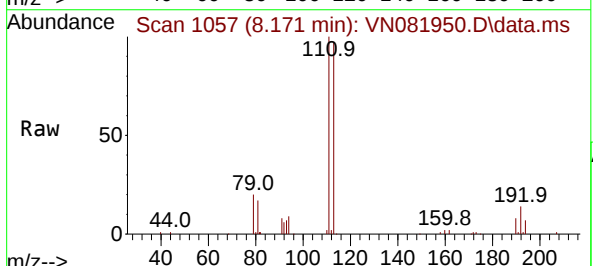
Tgt Ion:113 Resp: 108745

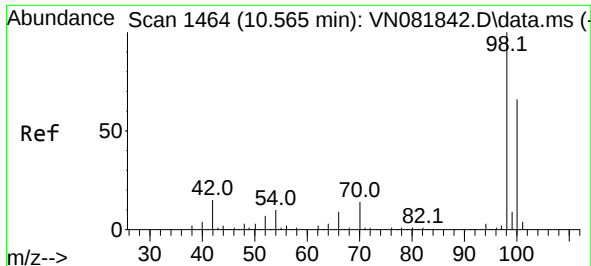
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 15.2 14.0 21.0

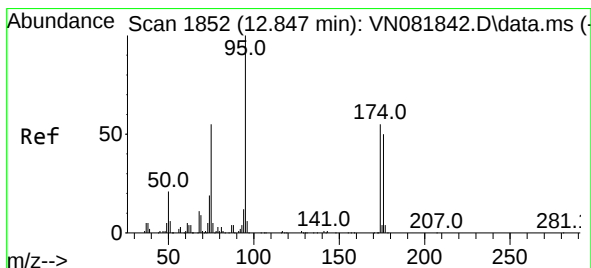
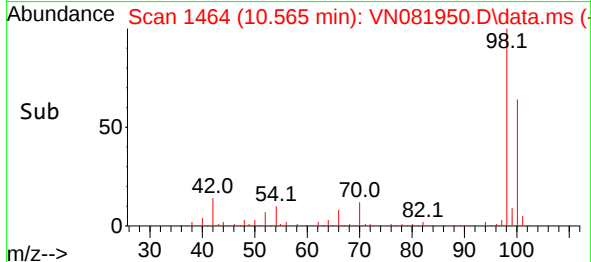
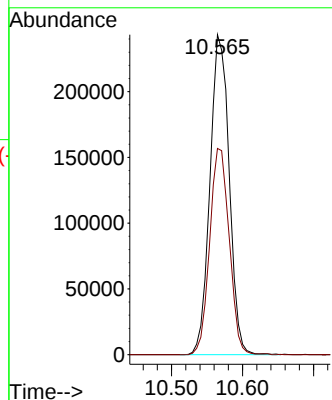
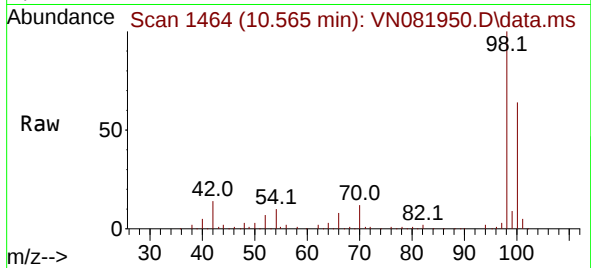




#50
Toluene-d8
Concen: 51.641 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081950.D
Acq: 01 May 2024 12:39

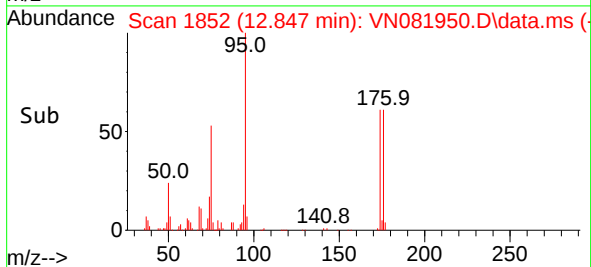
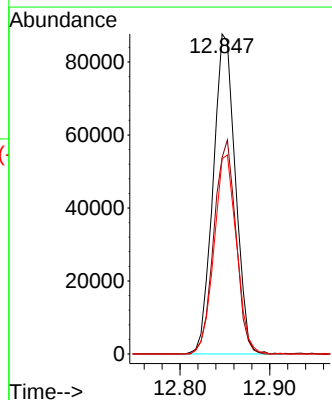
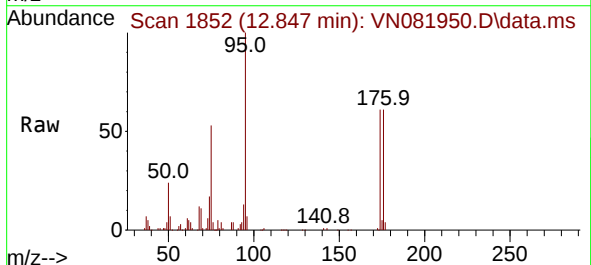
Instrument :
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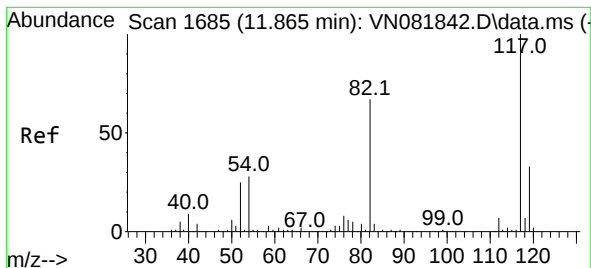
Tgt Ion: 98 Resp: 456464
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.187 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081950.D
Acq: 01 May 2024 12:39

Tgt Ion: 95 Resp: 150905
Ion Ratio Lower Upper
95 100
174 65.9 0.0 160.6
176 62.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081950.D

Acq: 01 May 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

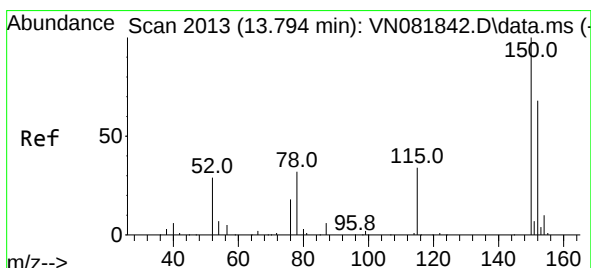
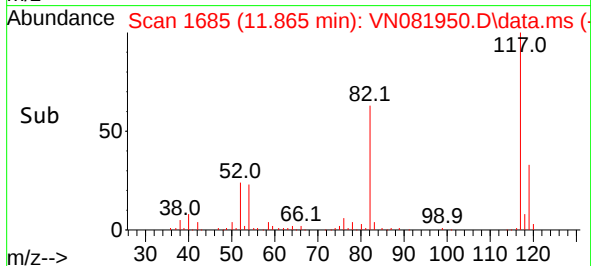
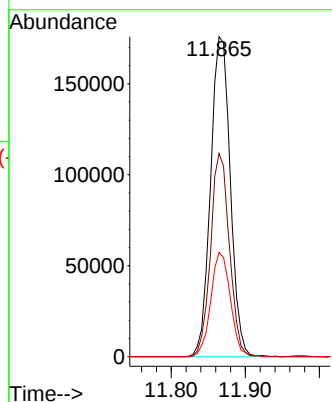
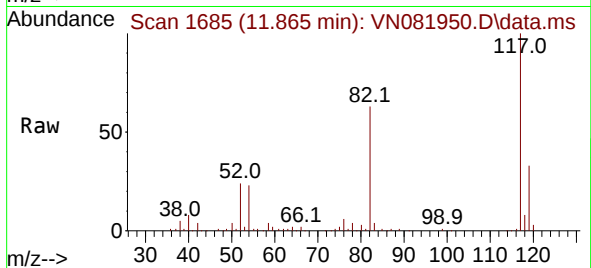
Tgt Ion:117 Resp: 324684

Ion Ratio Lower Upper

117 100

82 63.5 44.6 66.8

119 32.6 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: VN081950.D

Acq: 01 May 2024 12:39

Tgt Ion:152 Resp: 122594

Ion Ratio Lower Upper

152 100

115 64.0 30.4 91.3

150 157.3 0.0 353.2

