

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084246.D
 Acq On : 01 Oct 2024 17:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 02 02:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122720	51.130	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.260%		
35) Dibromofluoromethane	8.165	113	93269	50.474	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.940%		
50) Toluene-d8	10.565	98	342691	50.407	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.820%		
62) 4-Bromofluorobenzene	12.847	95	107163	43.268	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.540%		

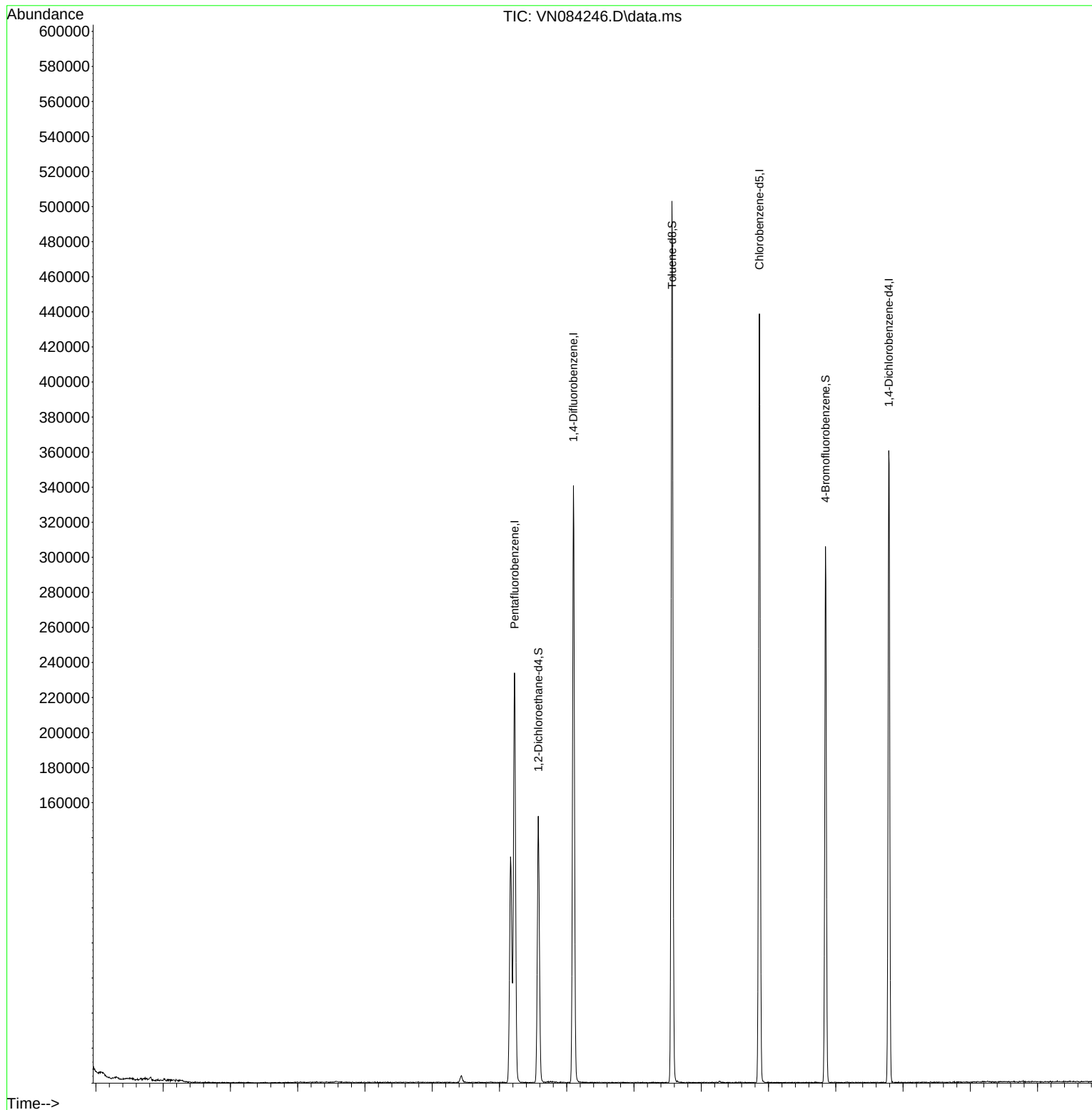
Target Compounds Qvalue

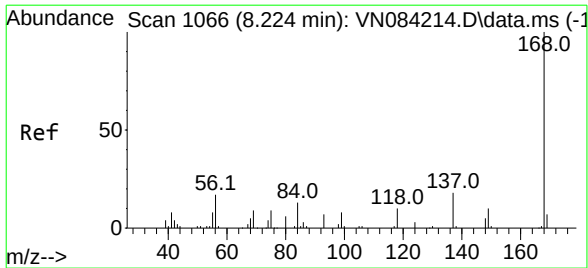
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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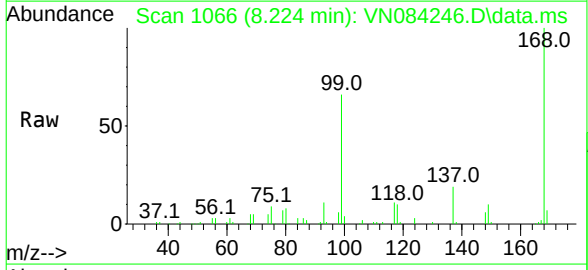
Quant Time: Oct 02 02:06:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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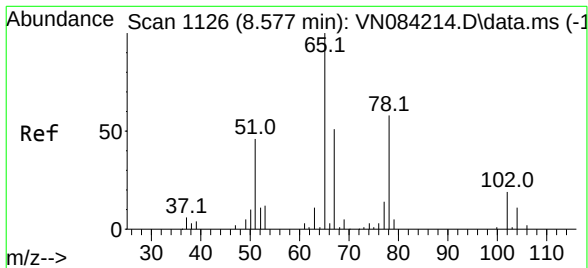
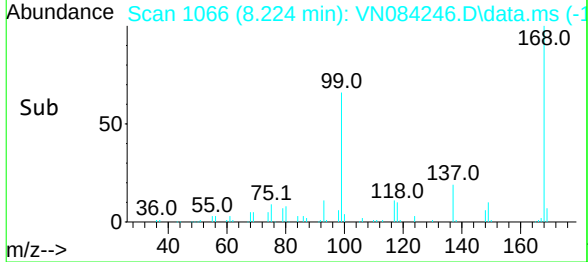
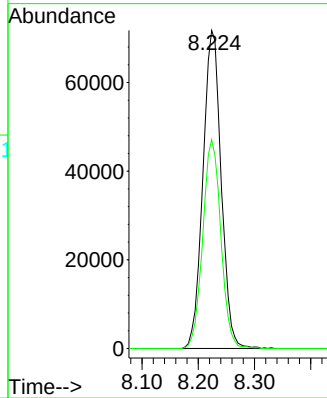


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

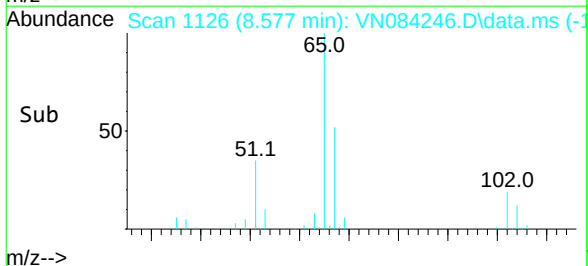
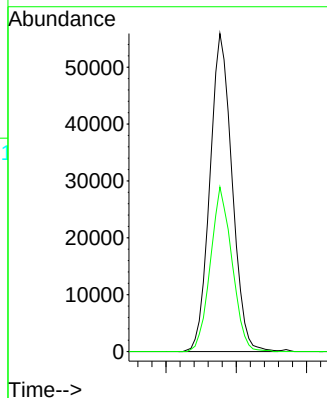
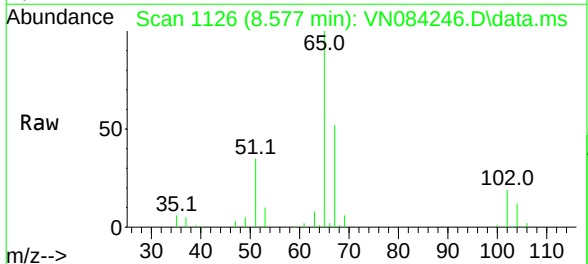


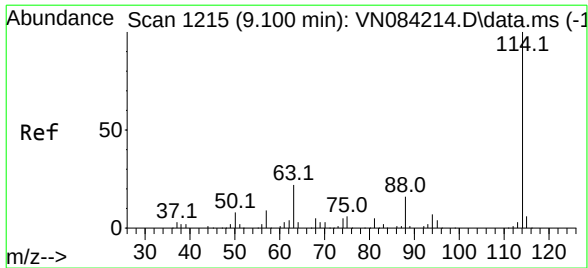
Tgt Ion:168 Resp: 161879
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.130 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion: 65 Resp: 122720
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.0

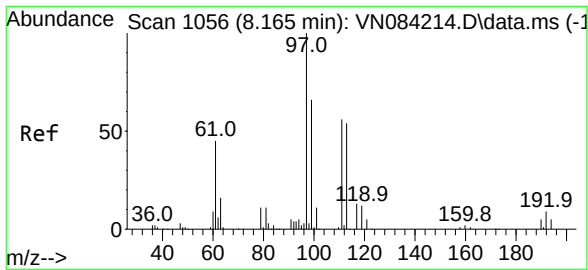
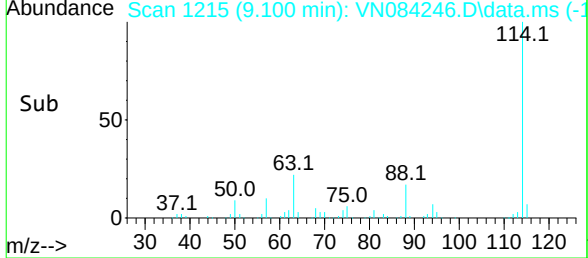
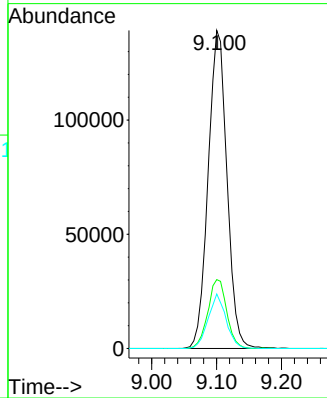
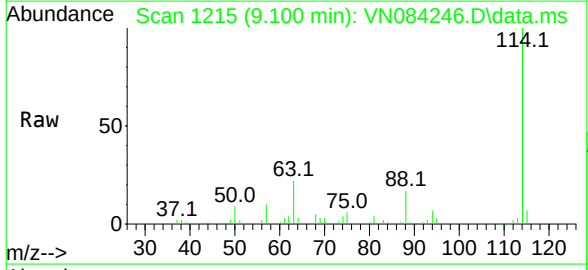




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

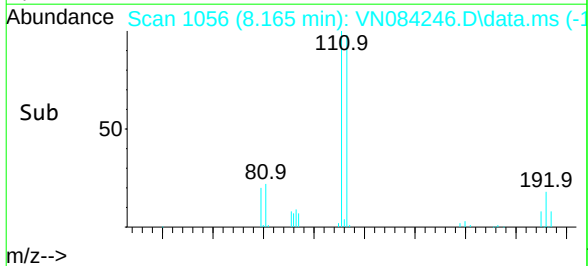
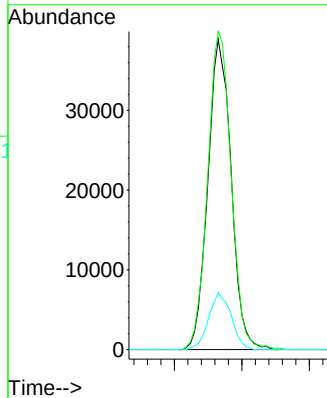
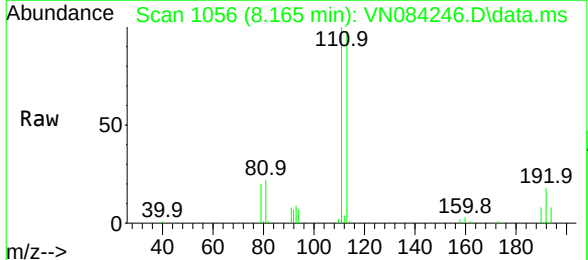
Instrument :
MSVOA_N
ClientSampleId :
IBLK

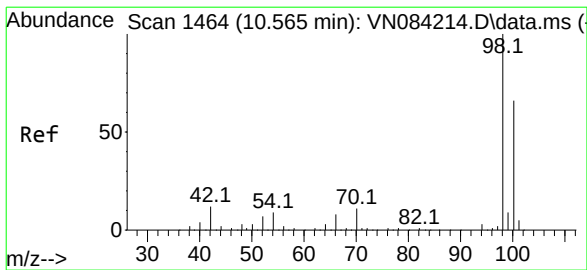
Tgt Ion:	114	Resp:	280290
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	43.8
88	17.1	0.0	31.6



#35
Dibromofluoromethane
Concen: 50.474 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084246.D
Acq: 01 Oct 2024 17:54

Tgt Ion:	113	Resp:	93269
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.3	124.9
192	17.8	13.5	20.3





#50

Toluene-d8

Concen: 50.407 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

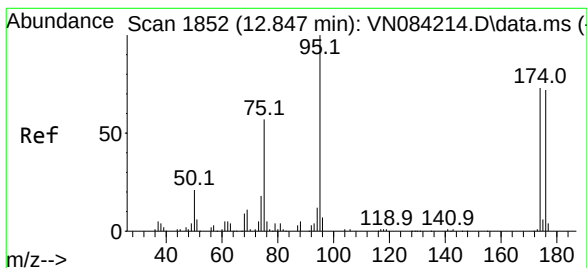
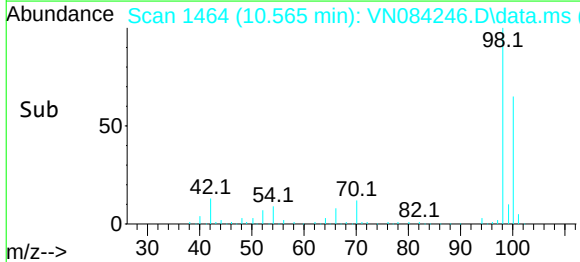
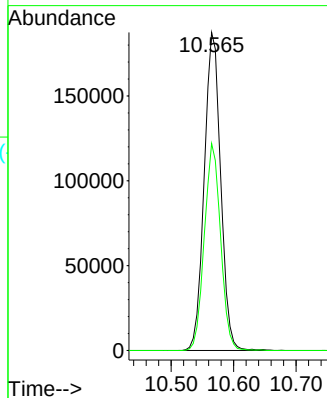
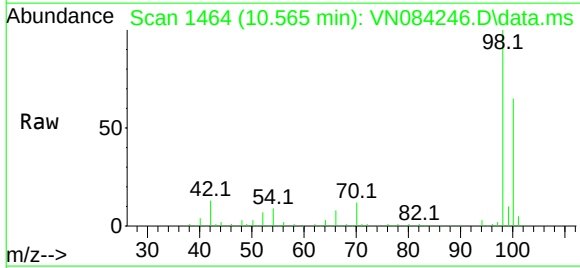
IBLK

Tgt Ion: 98 Resp: 342691

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.268 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

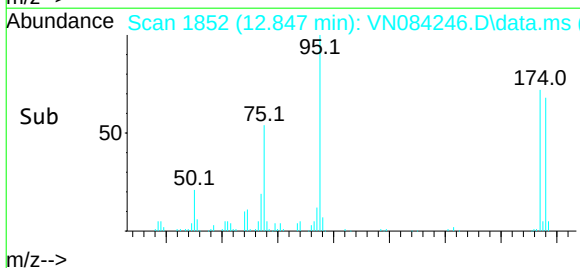
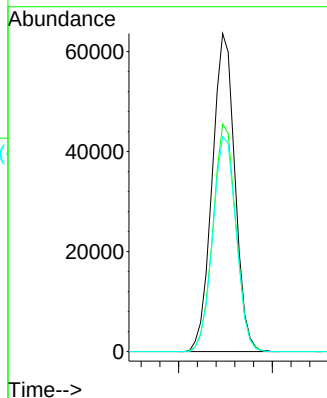
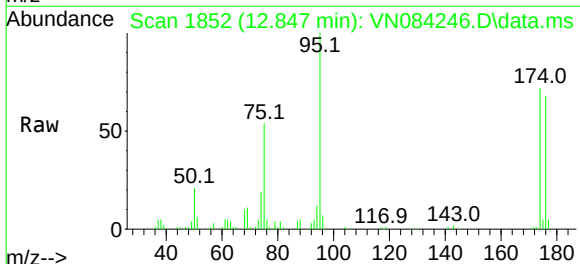
Tgt Ion: 95 Resp: 107163

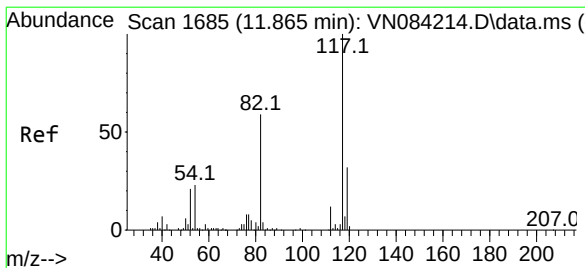
Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.2

176 69.6 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

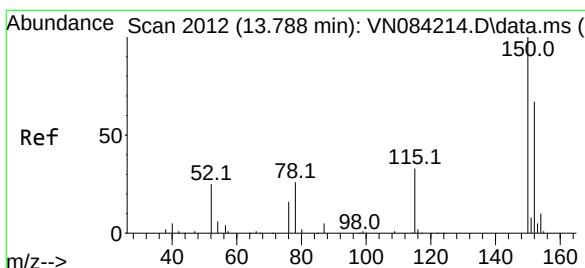
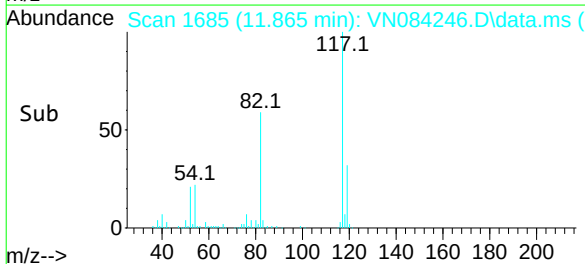
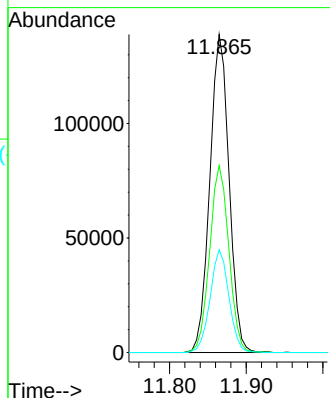
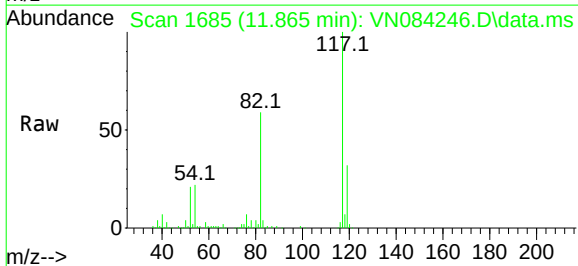
Tgt Ion:117 Resp: 241660

Ion Ratio Lower Upper

117 100

82 58.8 47.2 70.8

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084246.D

Acq: 01 Oct 2024 17:54

Tgt Ion:152 Resp: 95420

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.9

150 161.5 0.0 349.8

