

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084485.D
 Acq On : 24 Oct 2024 13:58
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Oct 25 02:00:14 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	194664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131616	45.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.200%
35) Dibromofluoromethane	8.165	113	102909	45.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	10.565	98	413938	50.239	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.847	95	150602	50.172	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.340%

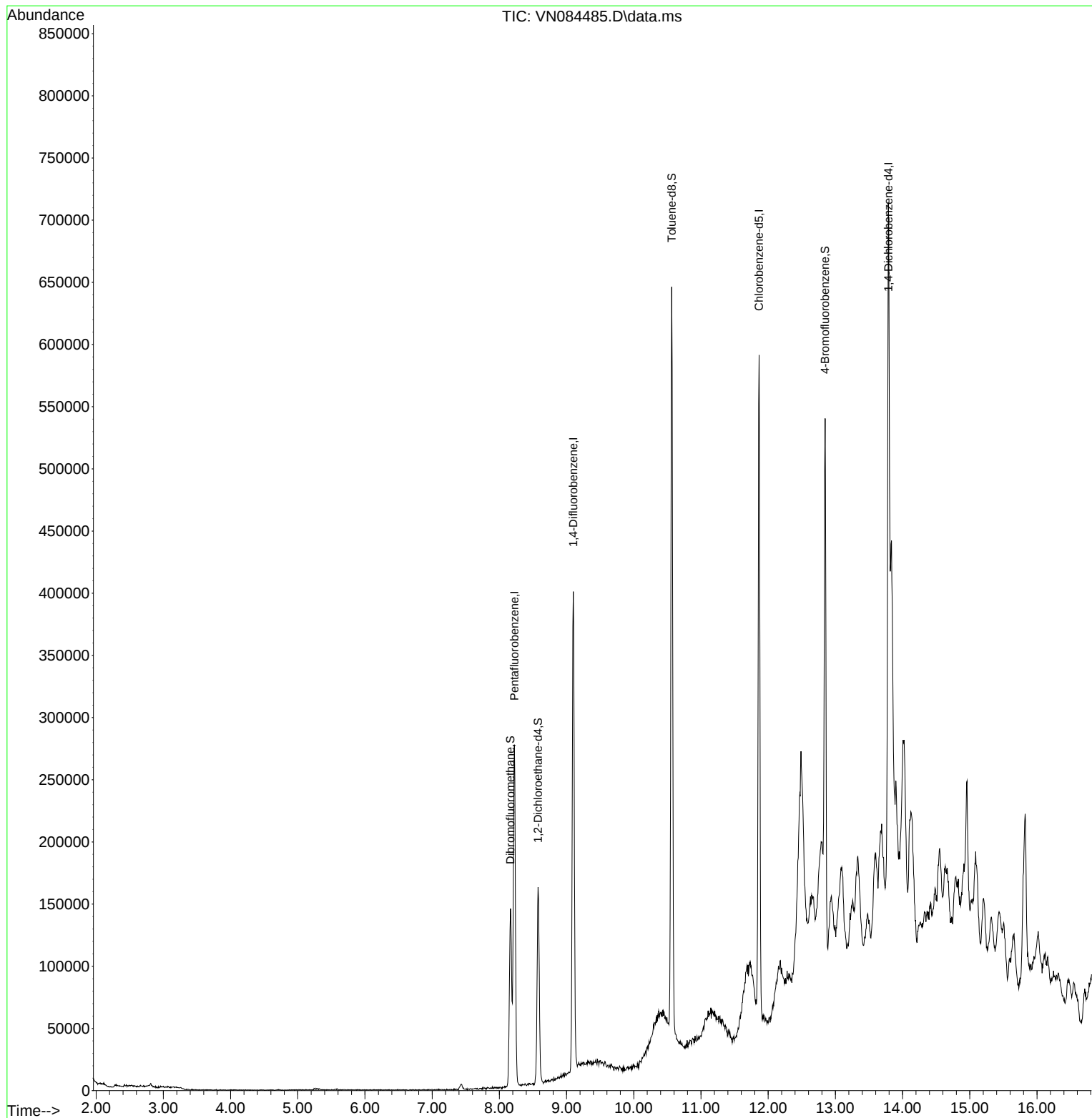
Target Compounds	Qvalue

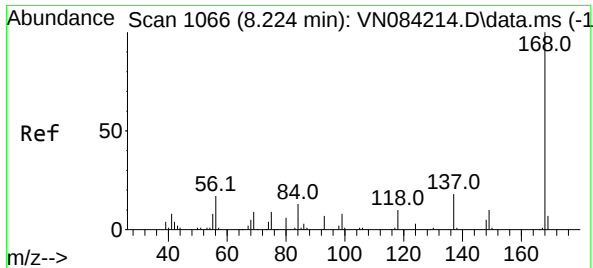
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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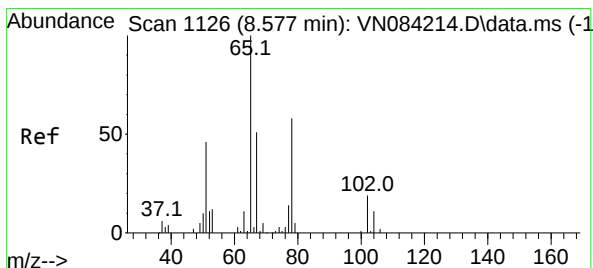
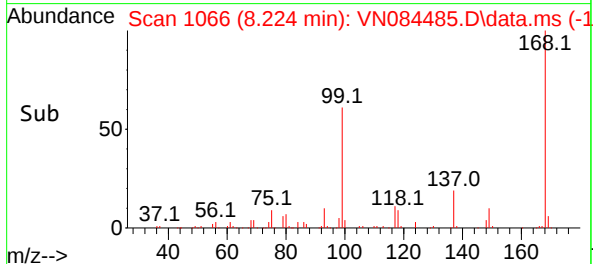
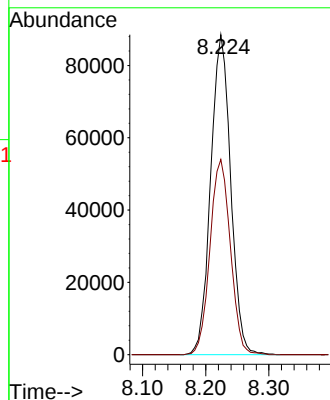
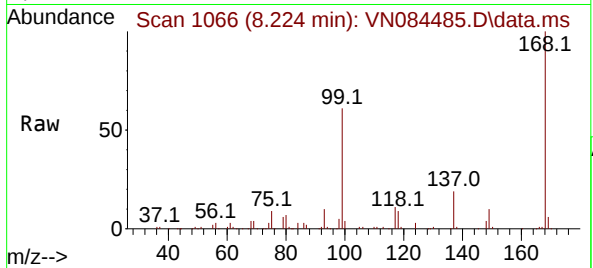




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084485.D
Acq: 24 Oct 2024 13:58

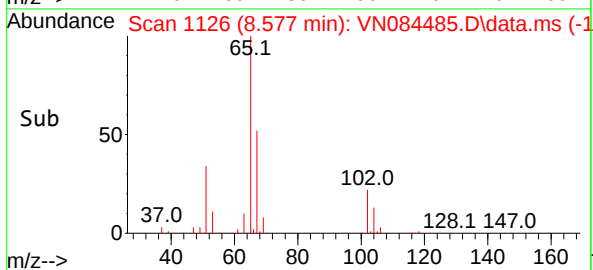
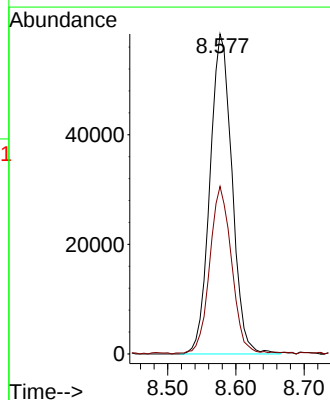
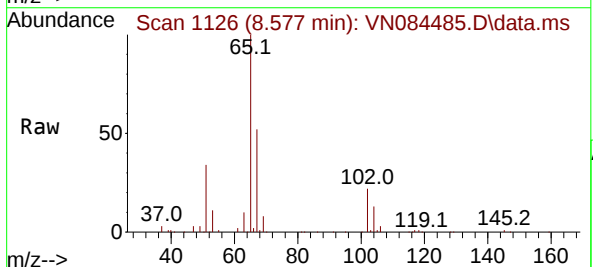
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

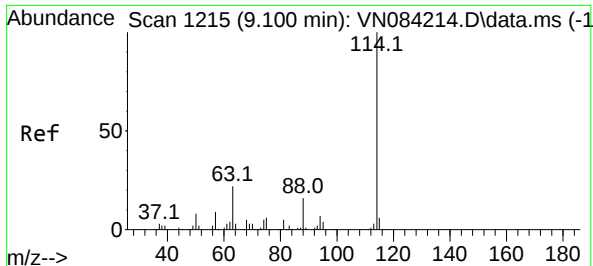
Tgt Ion:168 Resp: 194664
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 45.601 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084485.D
Acq: 24 Oct 2024 13:58

Tgt Ion: 65 Resp: 131616
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084485.D

Acq: 24 Oct 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

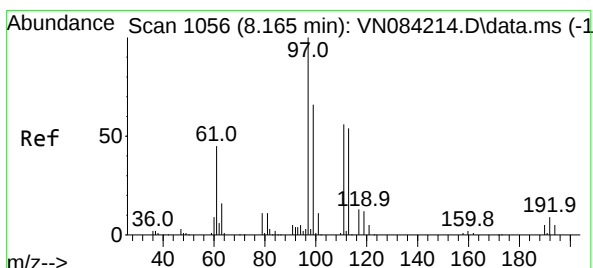
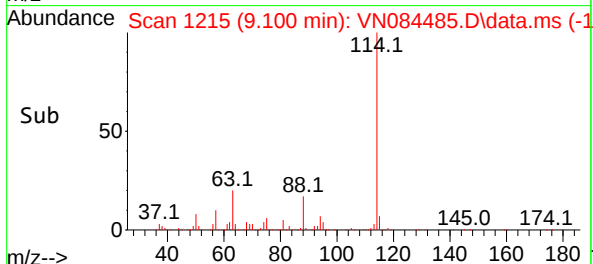
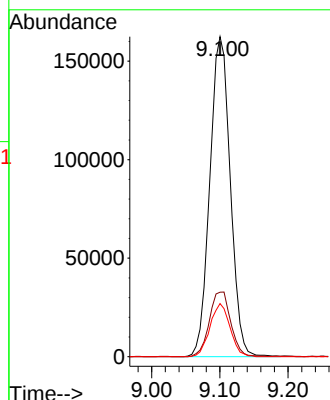
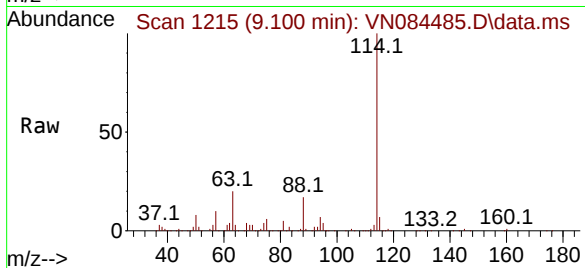
Tgt Ion:114 Resp: 339701

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 45.951 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084485.D

Acq: 24 Oct 2024 13:58

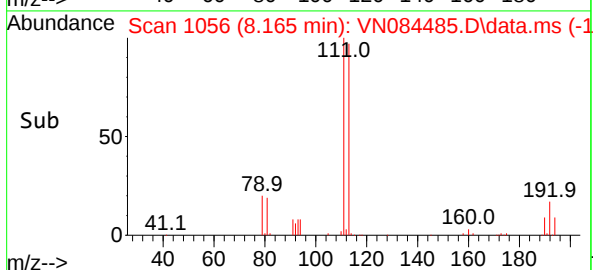
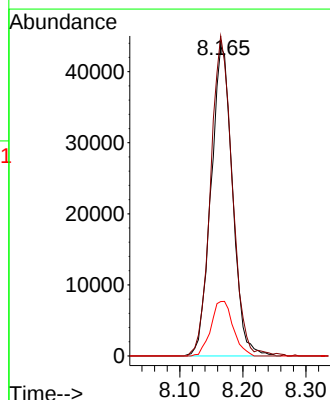
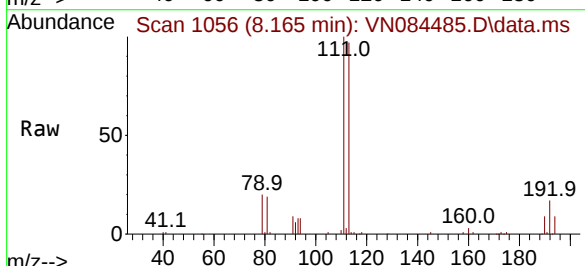
Tgt Ion:113 Resp: 102909

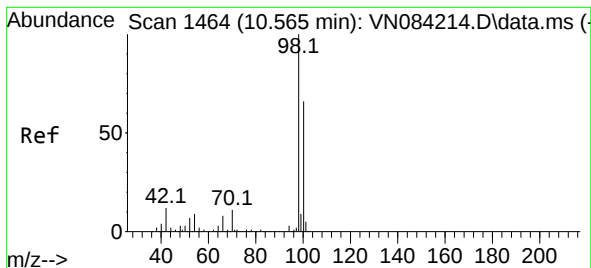
Ion Ratio Lower Upper

113 100

111 104.3 83.3 124.9

192 18.2 13.5 20.3





#50

Toluene-d8

Concen: 50.239 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084485.D

Acq: 24 Oct 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

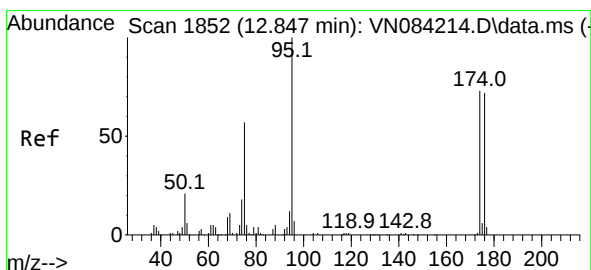
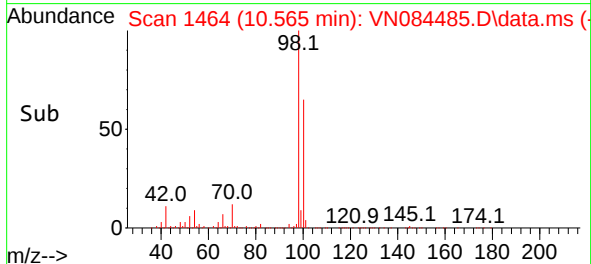
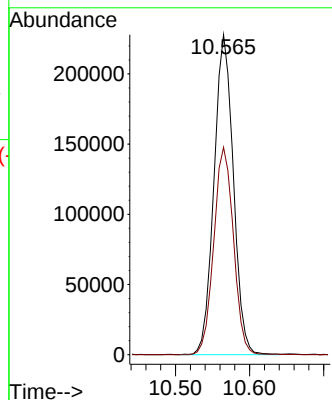
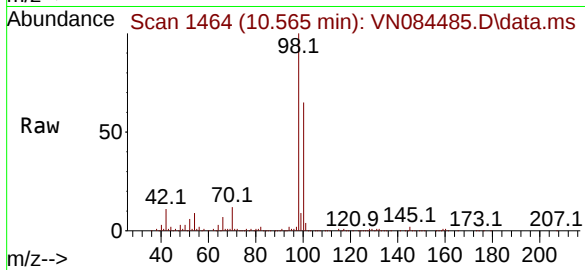
VIBLK

Tgt Ion: 98 Resp: 413938

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 50.172 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084485.D

Acq: 24 Oct 2024 13:58

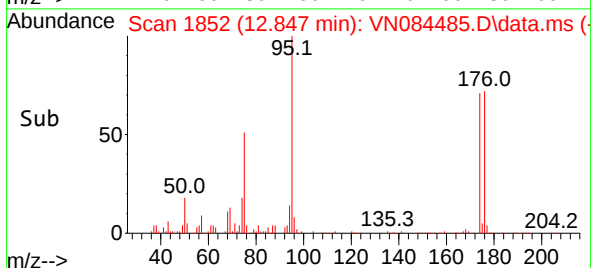
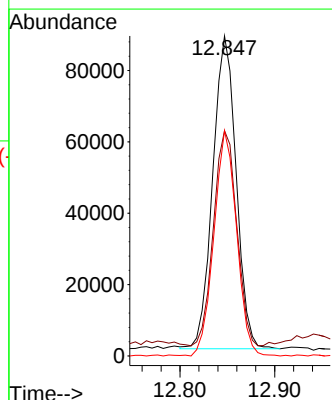
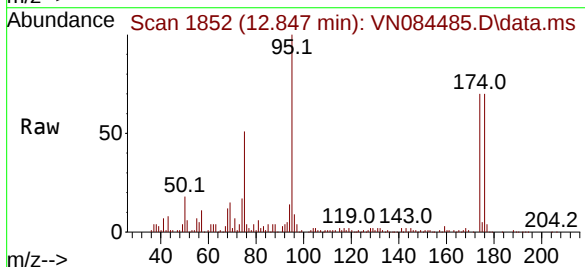
Tgt Ion: 95 Resp: 150602

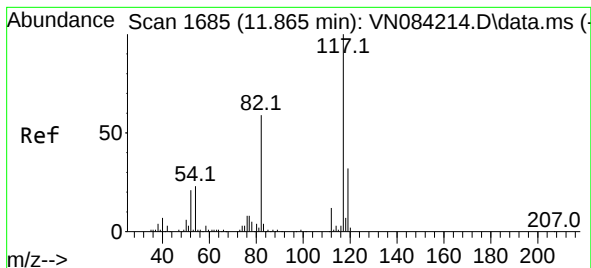
Ion Ratio Lower Upper

95 100

174 68.3 0.0 145.2

176 69.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084485.D

Acq: 24 Oct 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

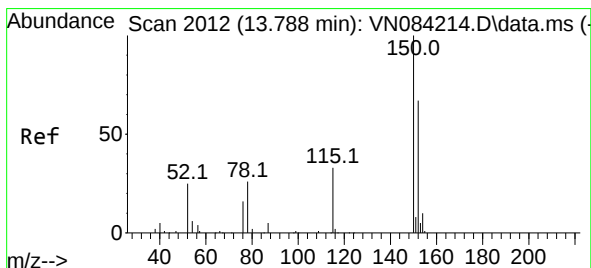
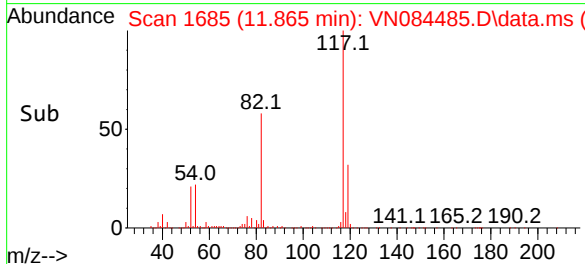
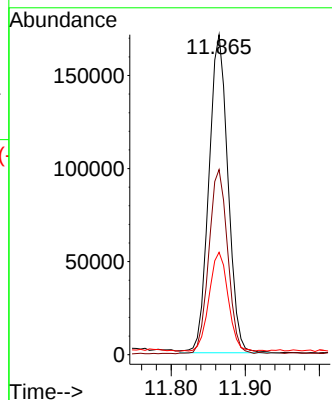
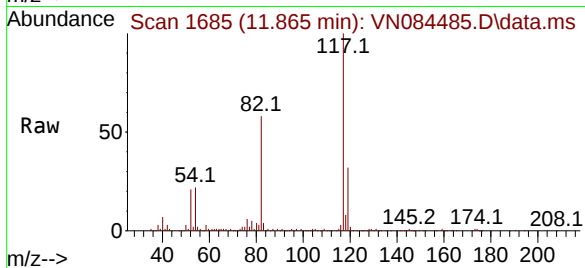
Tgt Ion:117 Resp: 305703

Ion Ratio Lower Upper

117 100

82 57.7 47.2 70.8

119 31.0 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: VN084485.D

Acq: 24 Oct 2024 13:58

Tgt Ion:152 Resp: 131696

Ion Ratio Lower Upper

152 100

115 68.7 31.3 93.9

150 158.0 0.0 349.8

