

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084686.D
 Acq On : 05 Nov 2024 14:35
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 06 00:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133467	46.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.740%
35) Dibromofluoromethane	8.165	113	110174	46.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	10.565	98	413025	47.632	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.847	95	169852	52.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.820%

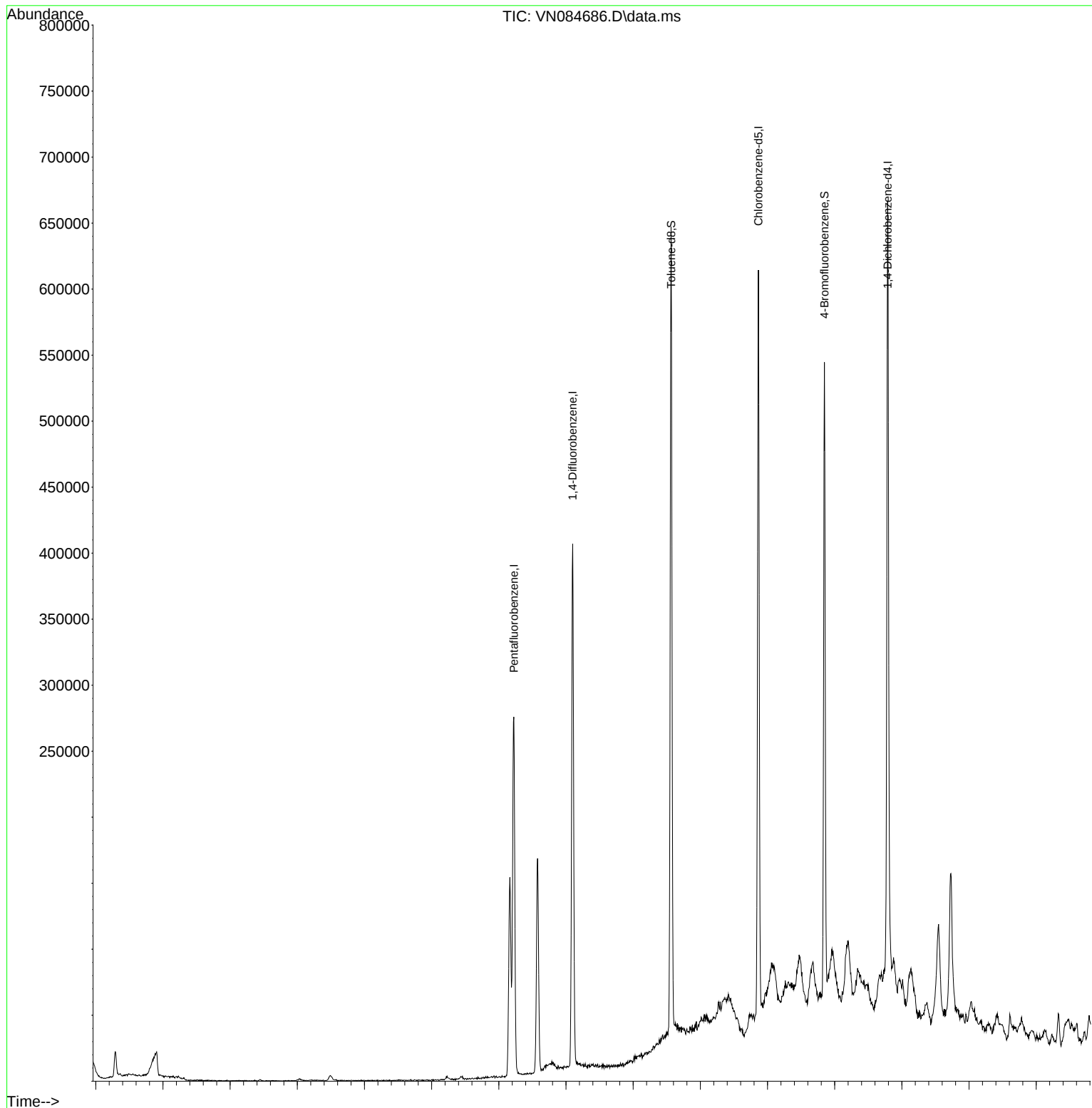
Target Compounds	Qvalue

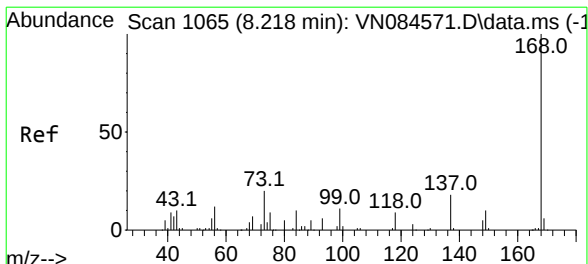
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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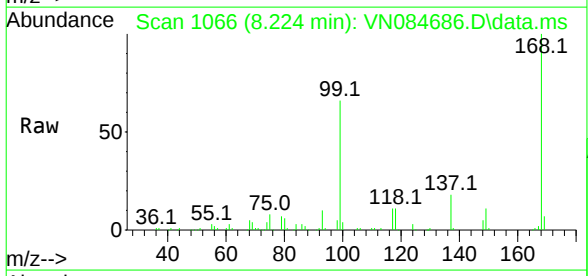
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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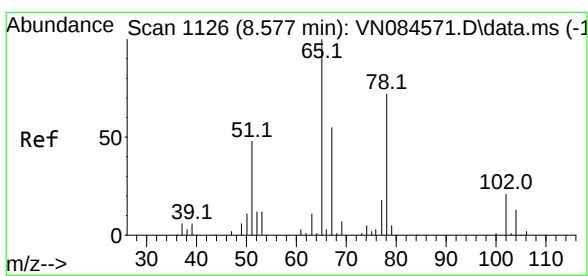
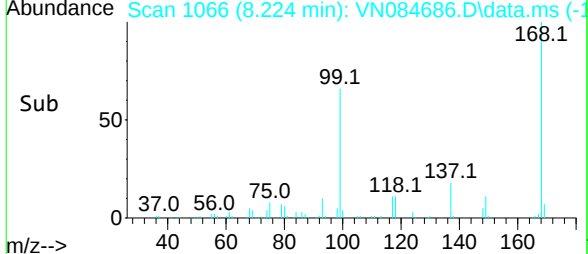
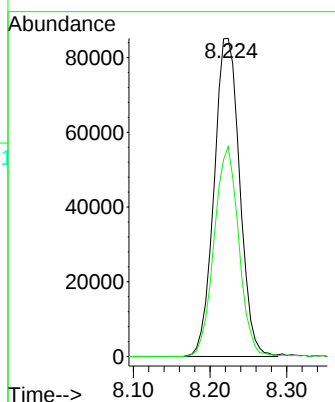


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

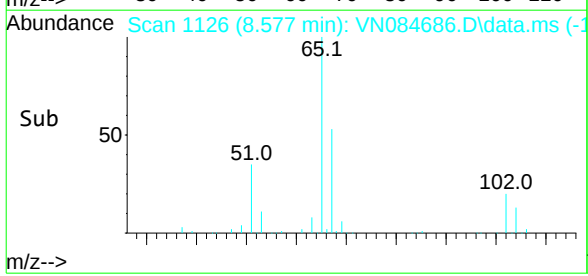
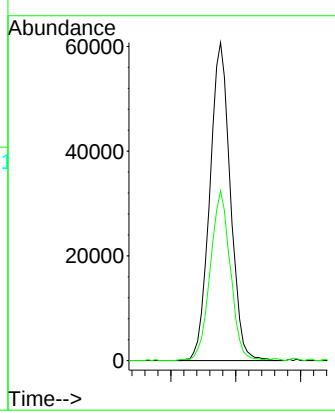
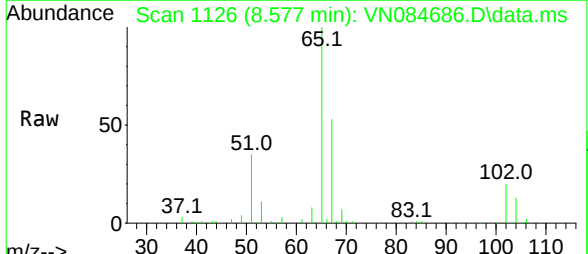


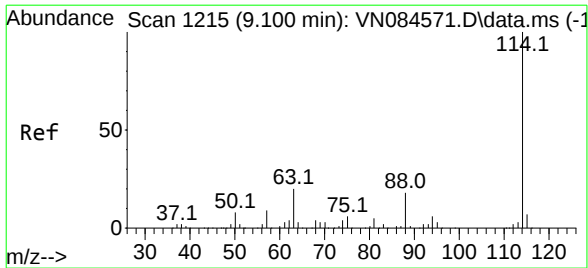
Tgt Ion: 168 Resp: 197156
 Ion Ratio Lower Upper
 168 100
 99 66.0 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 46.870 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

Tgt Ion: 65 Resp: 133467
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.0

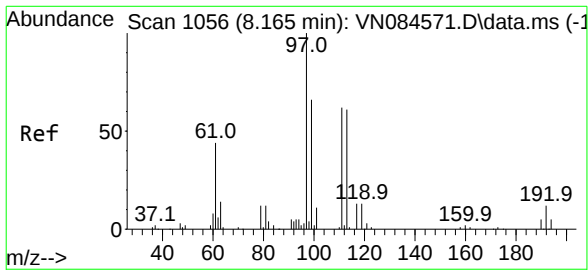
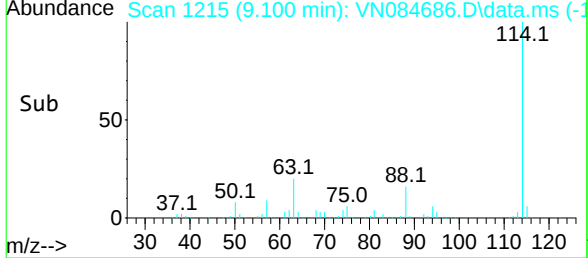
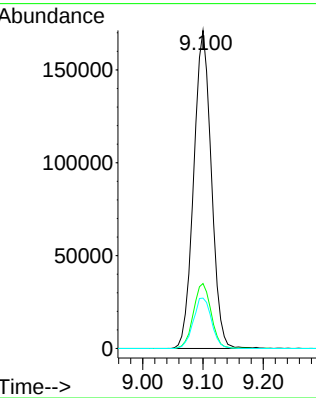
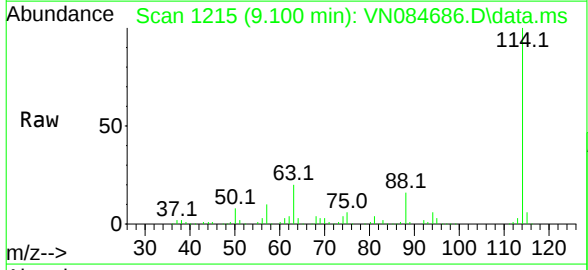




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

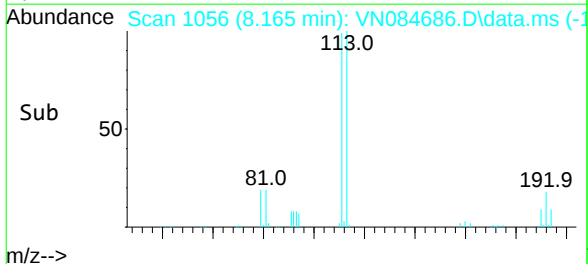
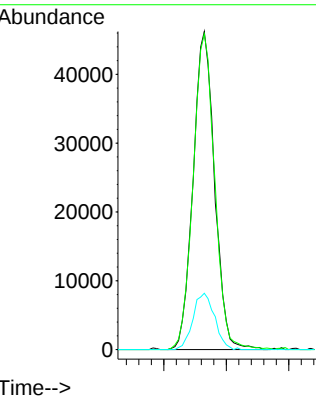
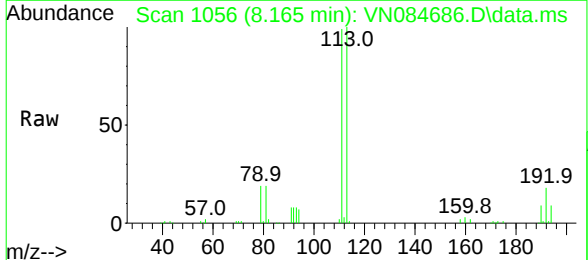
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

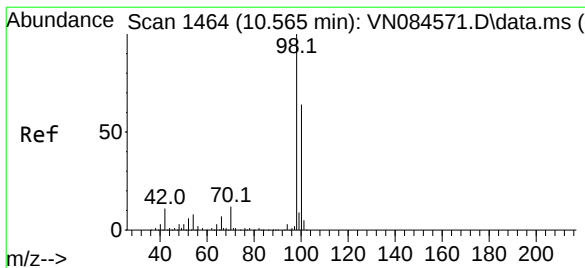
Tgt Ion:	114	Resp:	347767
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.8
88	15.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 46.804 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084686.D
 Acq: 05 Nov 2024 14:35

Tgt Ion:	113	Resp:	110174
Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 47.632 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

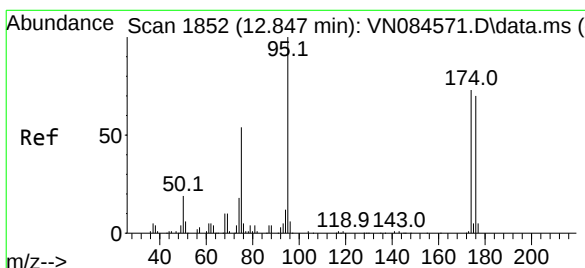
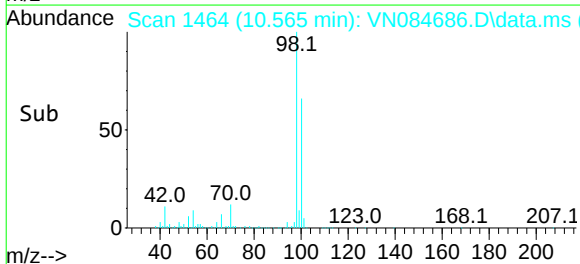
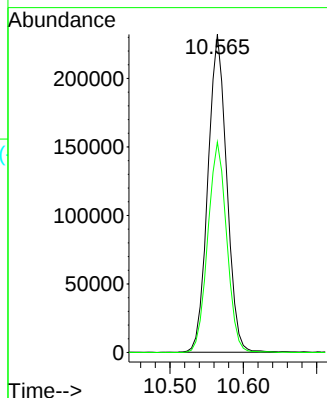
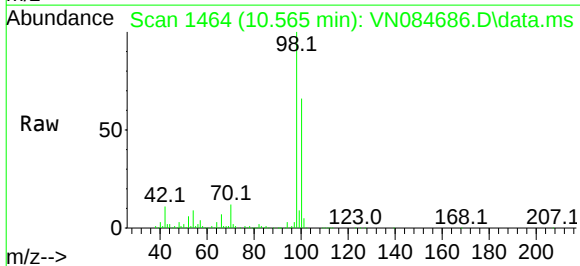
VIBLK

Tgt Ion: 98 Resp: 413025

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 52.412 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084686.D

Acq: 05 Nov 2024 14:35

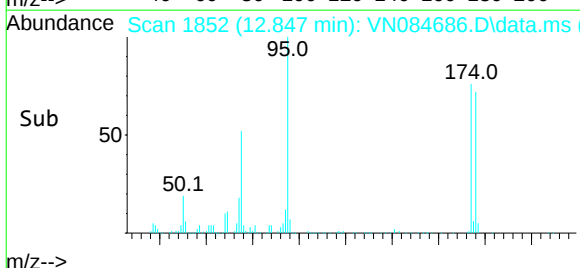
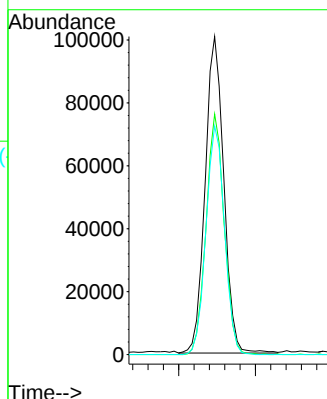
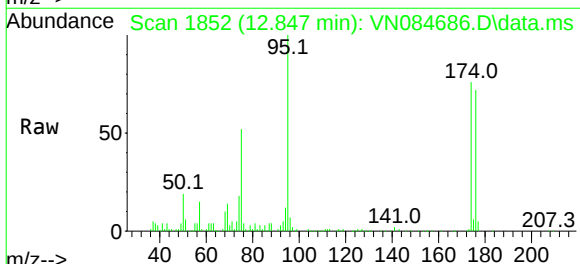
Tgt Ion: 95 Resp: 169852

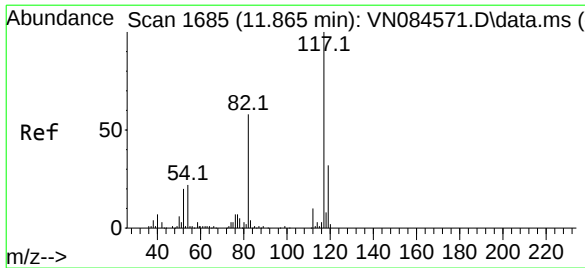
Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.2

176 71.6 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: VN084686.D

Acq: 05 Nov 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

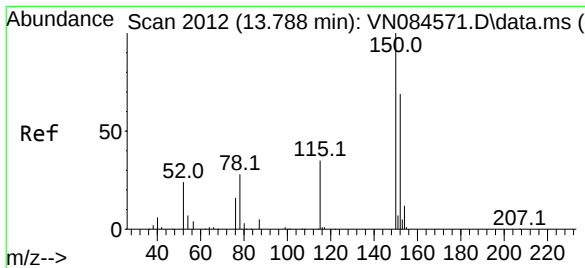
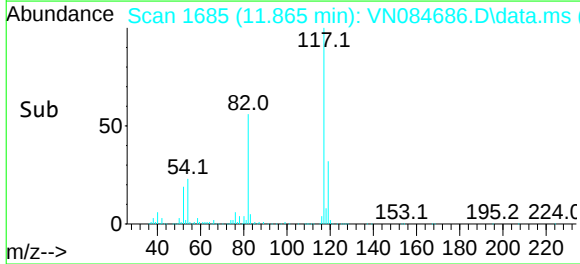
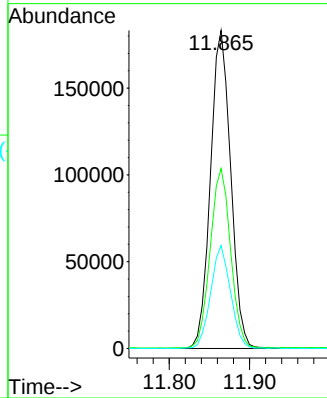
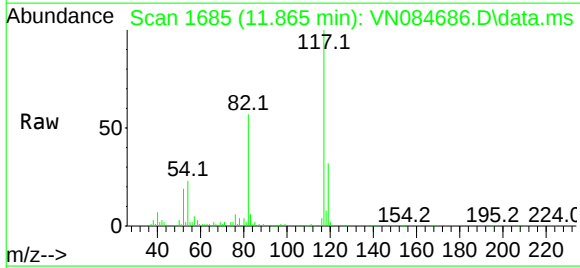
Tgt Ion:117 Resp: 320608

Ion Ratio Lower Upper

117 100

82 56.3 47.2 70.8

119 32.4 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: VN084686.D

Acq: 05 Nov 2024 14:35

Tgt Ion:152 Resp: 149953

Ion Ratio Lower Upper

152 100

115 64.1 31.3 93.9

150 155.2 0.0 349.8

