

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084222.D
 Acq On : 30 Sep 2024 16:35
 Operator : JC\MD
 Sample : VN0930WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL01

Quant Time: Oct 01 07:15:04 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	180806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	129308	48.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.171	113	100036	48.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.565	98	373040	49.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.847	95	127575	46.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.800%

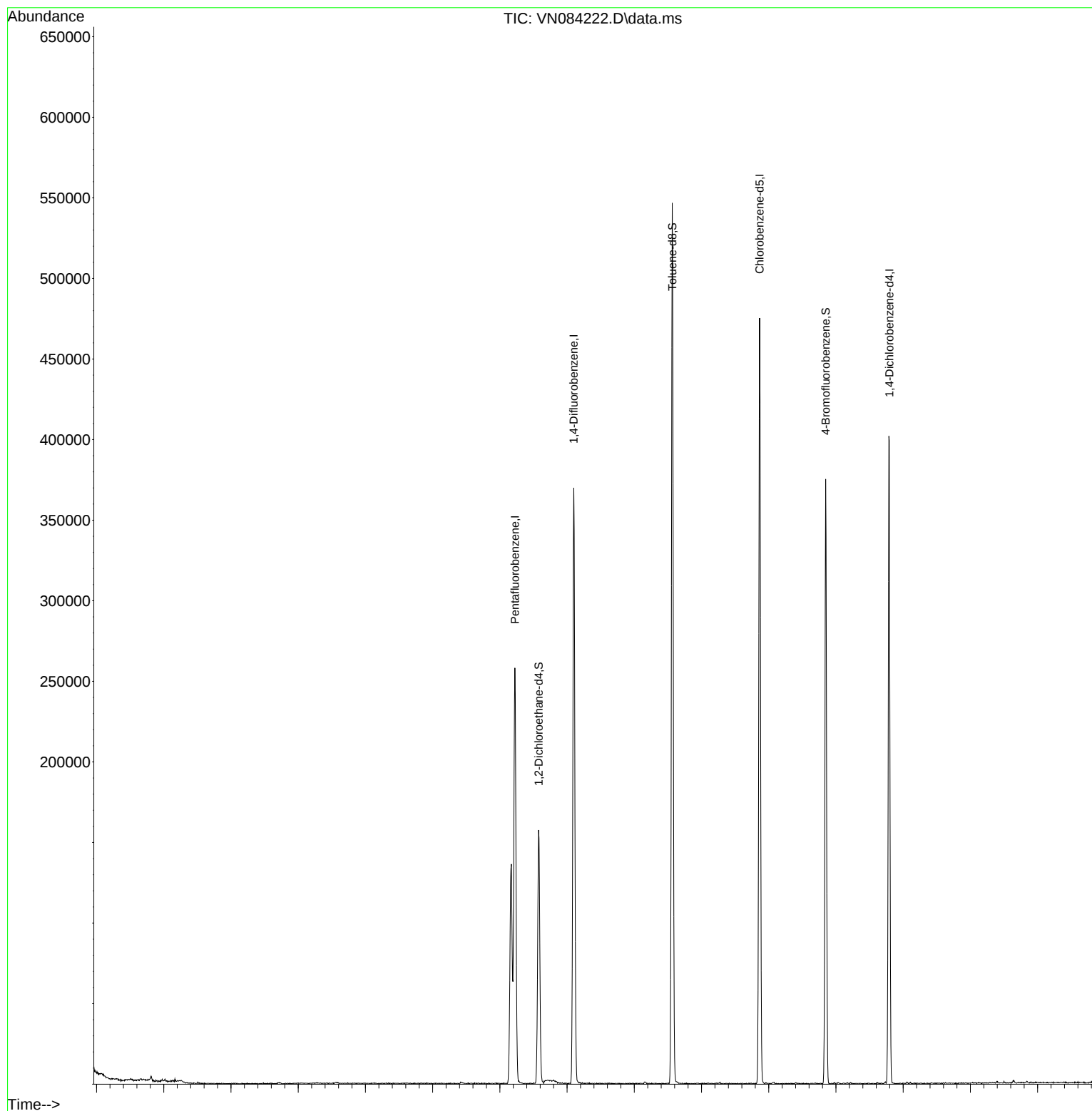
Target Compounds	Qvalue

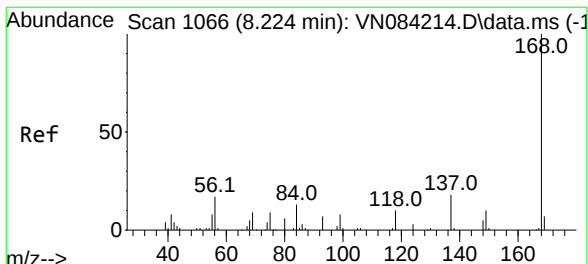
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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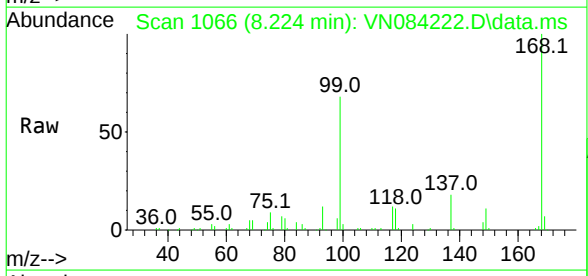
Quant Time: Oct 01 07:15:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
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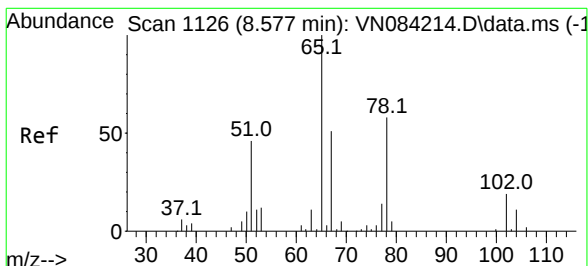
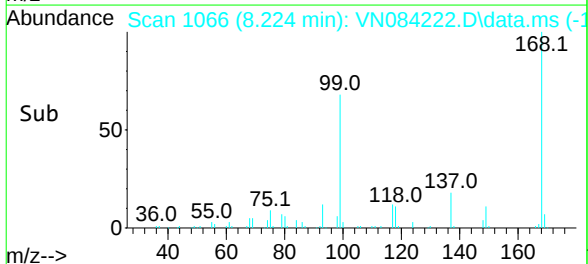
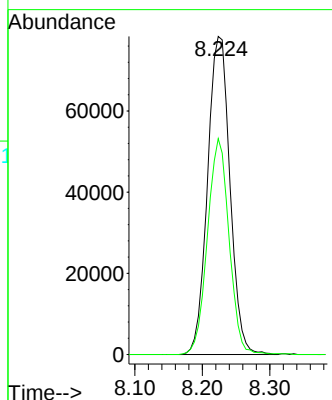


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL01

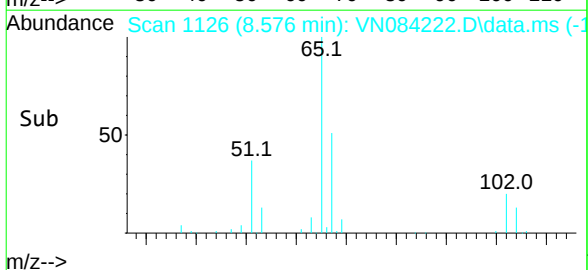
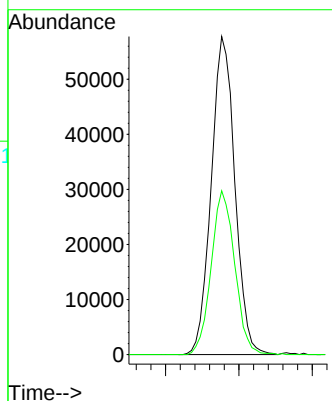
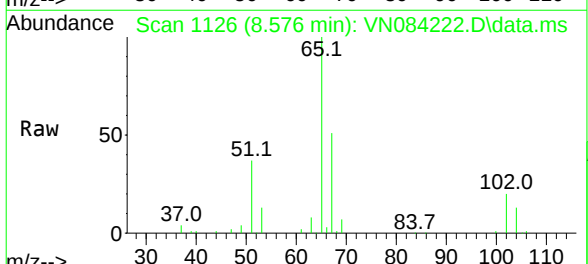


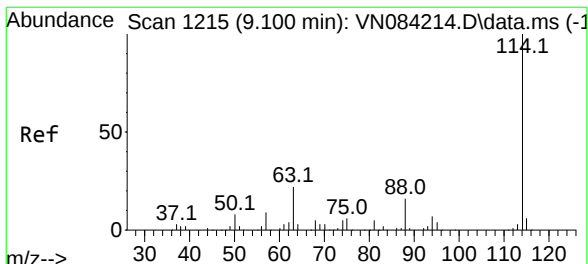
Tgt Ion: 168 Resp: 180806
 Ion Ratio Lower Upper
 168 100
 99 67.9 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 48.235 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

Tgt Ion: 65 Resp: 129308
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.0

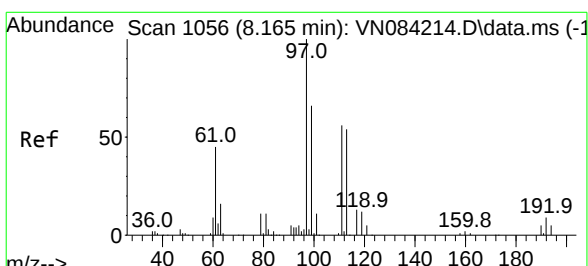
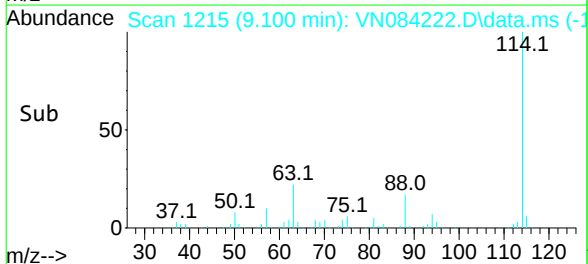
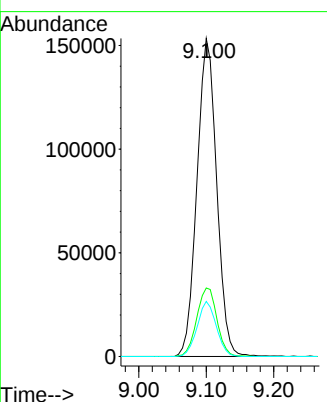
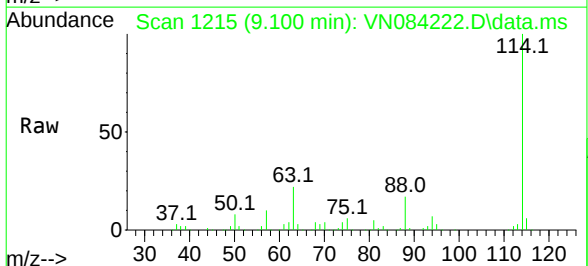




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

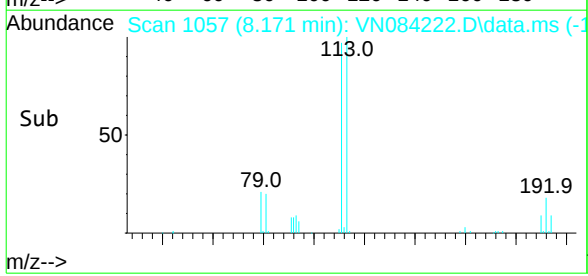
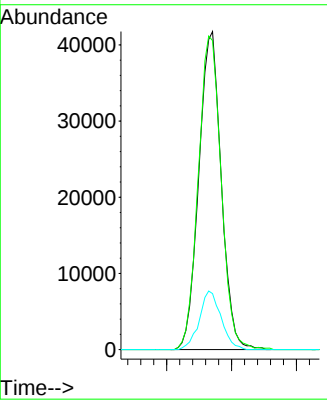
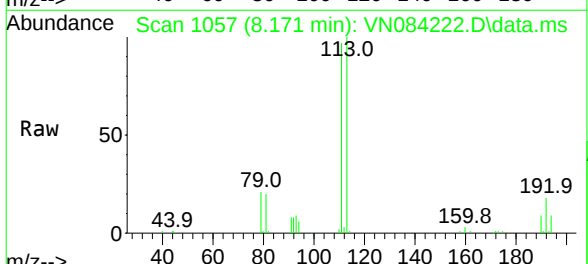
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBL01

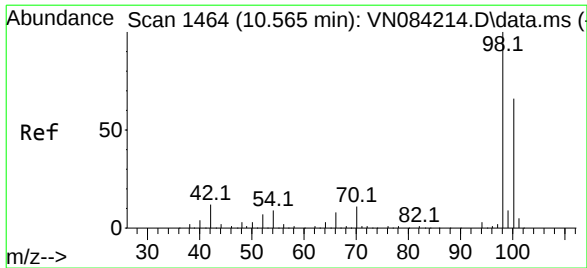
Tgt Ion:	114	Resp:	311157
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	17.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.766 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084222.D
 Acq: 30 Sep 2024 16:35

Tgt Ion:	113	Resp:	100036
Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 49.428 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

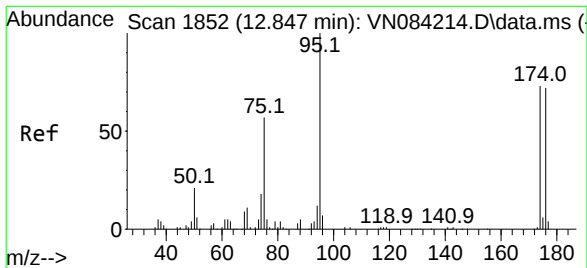
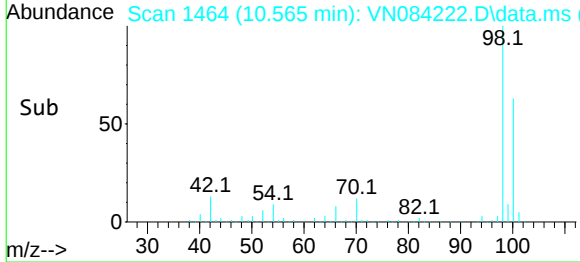
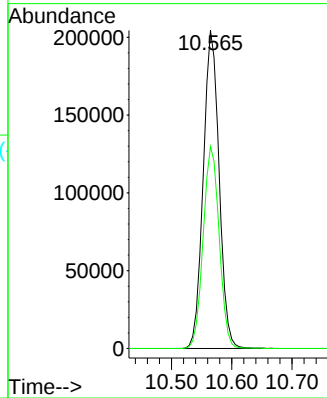
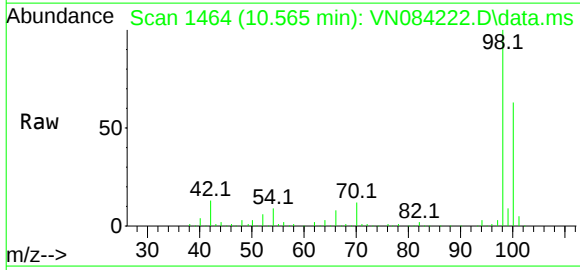
VN0930WBL01

Tgt Ion: 98 Resp: 373040

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.400 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

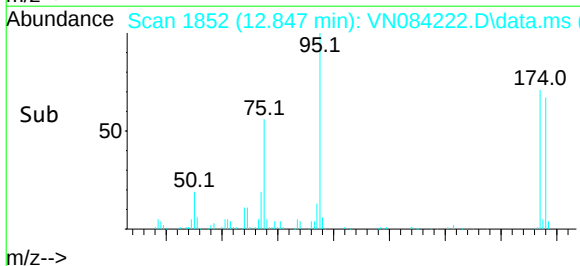
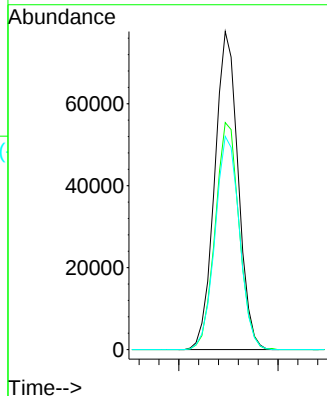
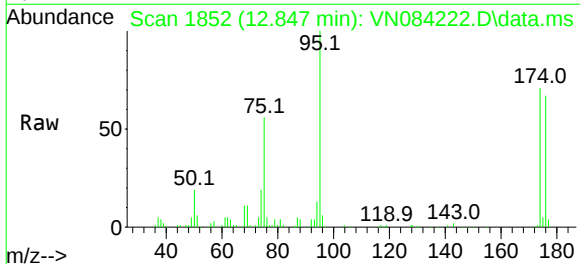
Tgt Ion: 95 Resp: 127575

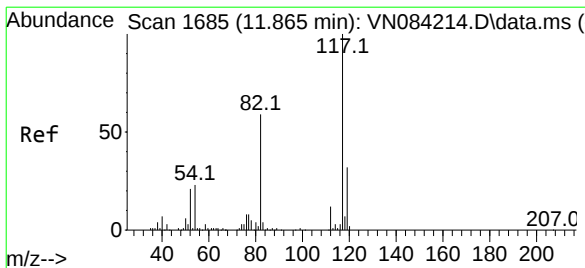
Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.2

176 69.5 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: VN084222.D

Acq: 30 Sep 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBL01

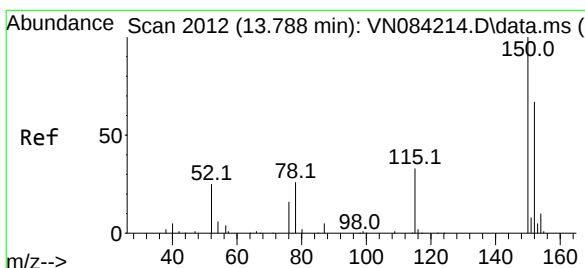
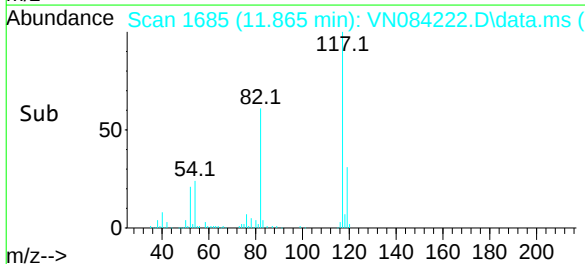
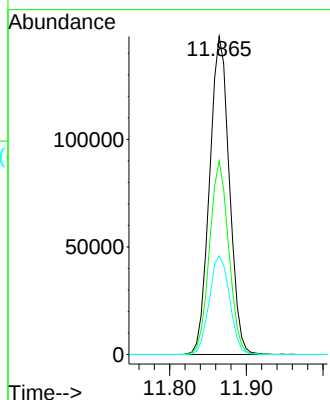
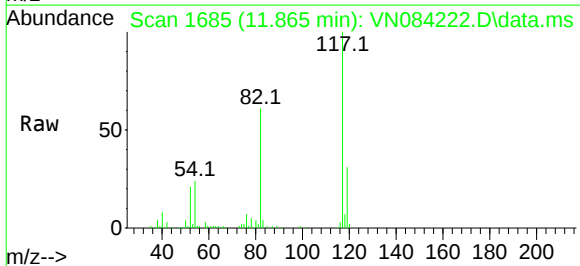
Tgt Ion:117 Resp: 264487

Ion Ratio Lower Upper

117 100

82 60.9 47.2 70.8

119 31.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084222.D

Acq: 30 Sep 2024 16:35

Tgt Ion:152 Resp: 108875

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.9

150 157.0 0.0 349.8

