

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084267.D
 Acq On : 02 Oct 2024 16:09
 Operator : JC\MD
 Sample : P4226-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW11-MW01I-20240924

Quant Time: Oct 03 02:01:07 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	164287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120504	49.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.940%
35) Dibromofluoromethane	8.165	113	94701	51.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.565	98	335829	49.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.847	95	112931	45.382	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.760%

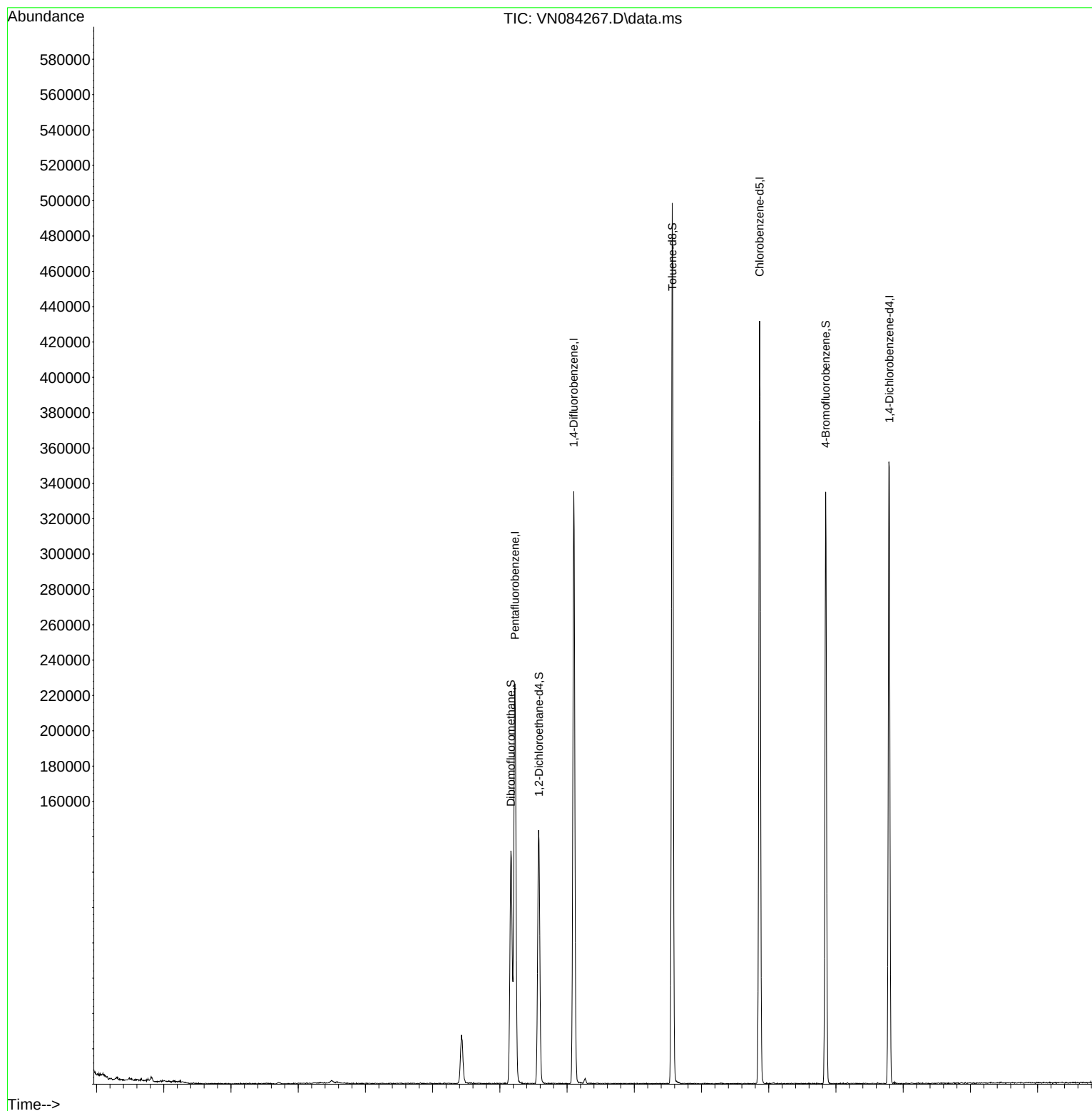
Target Compounds Qvalue

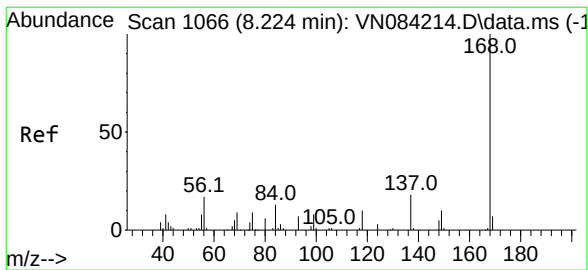
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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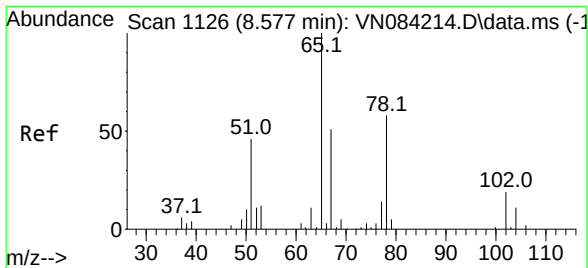
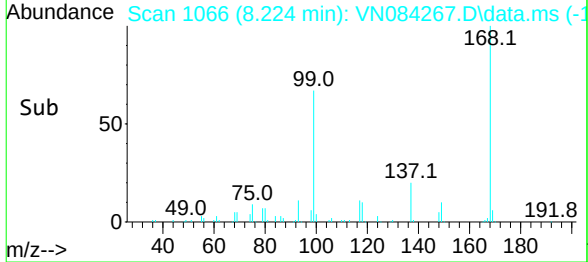
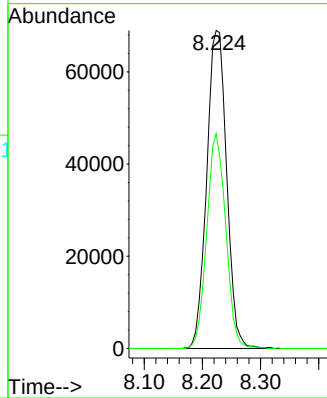
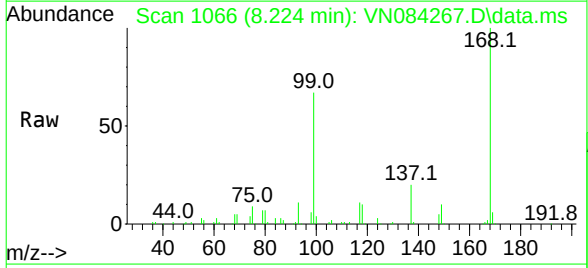




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

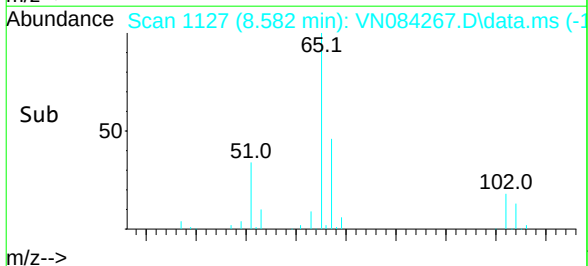
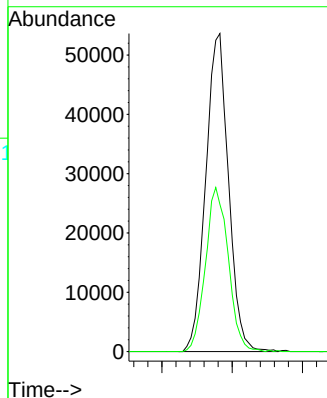
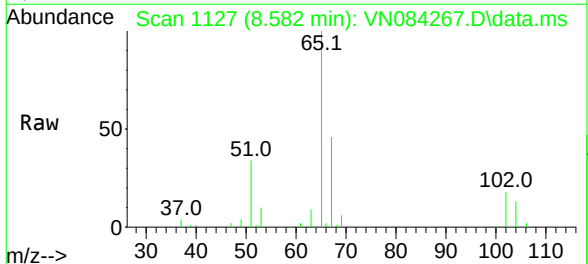
Instrument :
MSVOA_N
ClientSampleId :
RW11-MW01I-20240924

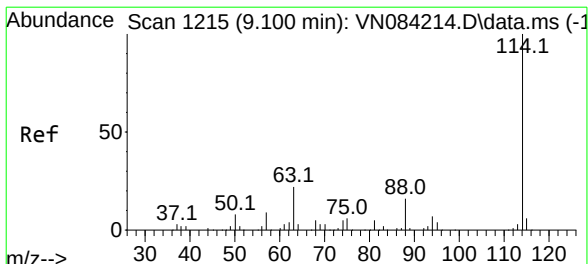
Tgt Ion:168 Resp: 164287
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.471 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 65 Resp: 120504
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

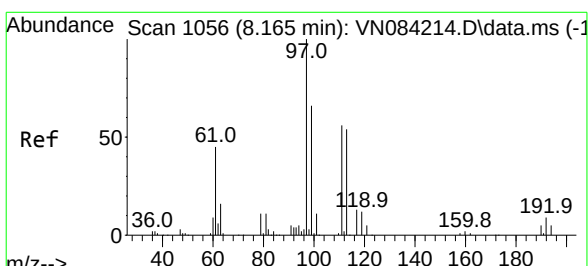
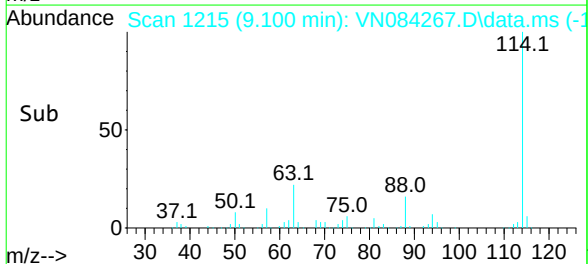
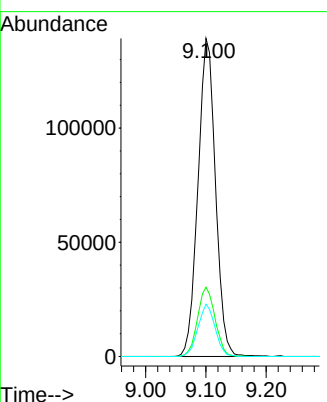
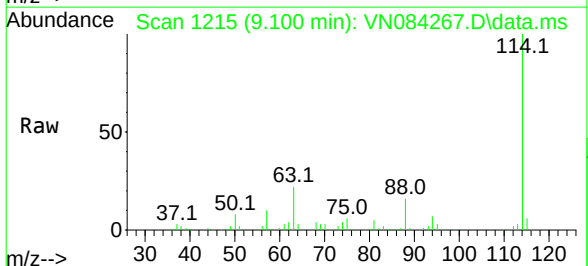




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084267.D
 Acq: 02 Oct 2024 16:09

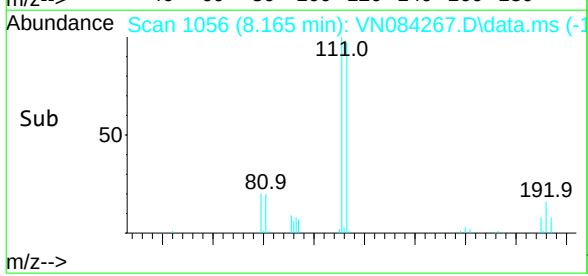
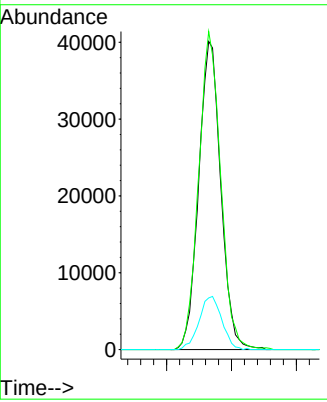
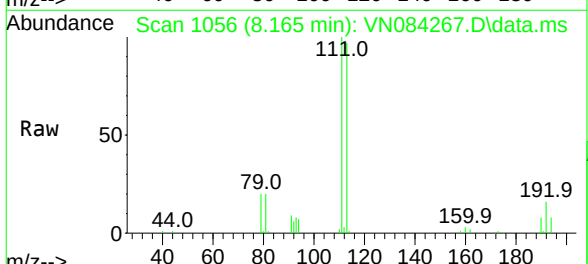
Instrument :
 MSVOA_N
 ClientSampleId :
 RW11-MW01-20240924

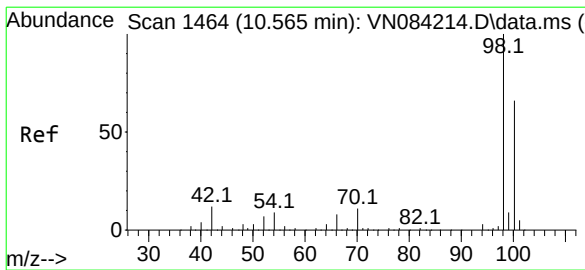
Tgt Ion:	114	Resp:	281618
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 51.008 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084267.D
 Acq: 02 Oct 2024 16:09

Tgt Ion:	113	Resp:	94701
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.3	124.9
192	17.8	13.5	20.3





#50

Toluene-d8

Concen: 49.165 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084267.D

Acq: 02 Oct 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

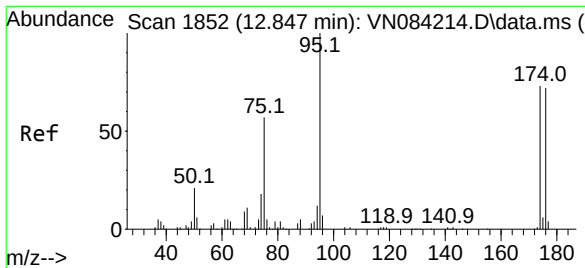
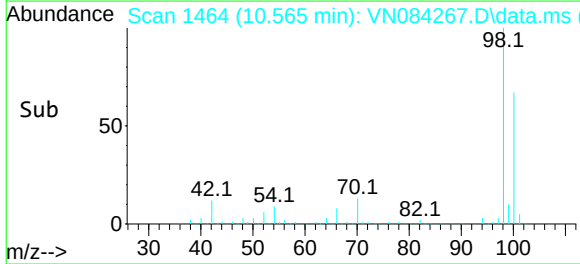
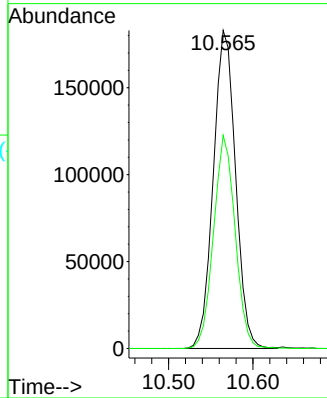
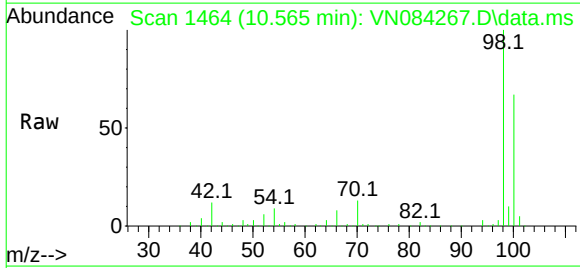
RW11-MW01I-20240924

Tgt Ion: 98 Resp: 335829

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.382 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084267.D

Acq: 02 Oct 2024 16:09

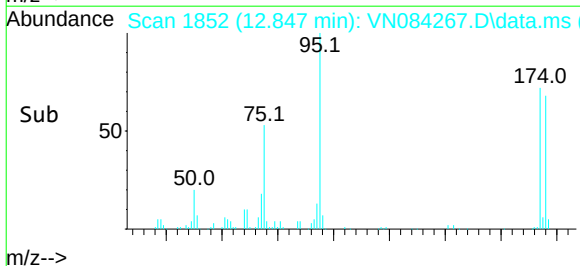
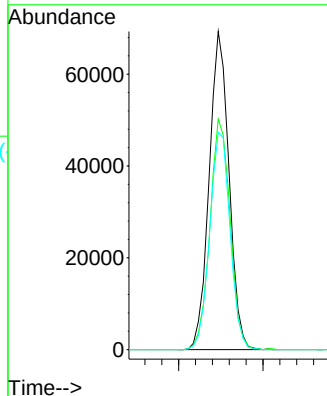
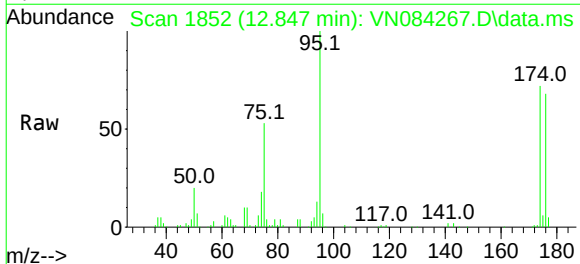
Tgt Ion: 95 Resp: 112931

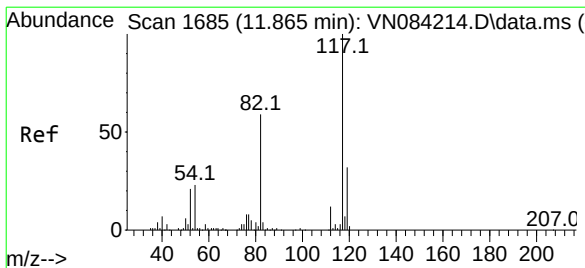
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.2

176 70.3 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: VN084267.D

Acq: 02 Oct 2024 16:09

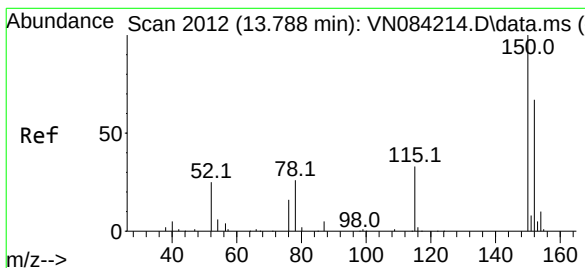
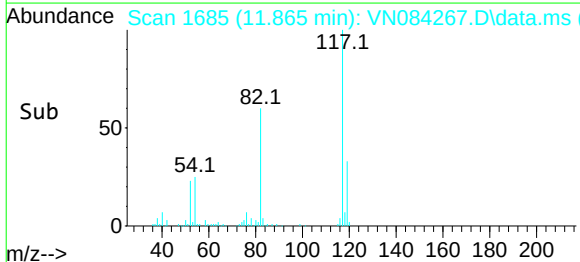
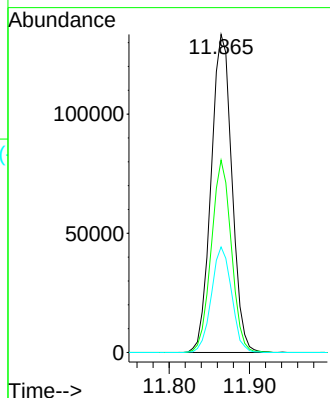
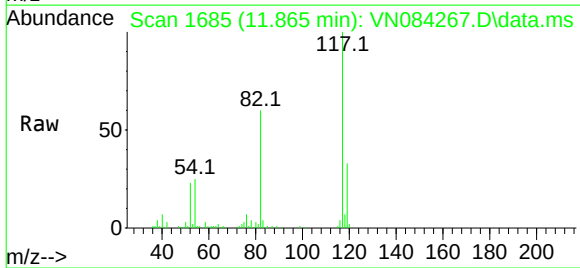
Instrument :

MSVOA_N

ClientSampleId :

RW11-MW01I-20240924

Tgt Ion:117	Resp: 240516
Ion Ratio	Lower Upper
117 100	
82 60.5	47.2 70.8
119 33.2	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: VN084267.D

Acq: 02 Oct 2024 16:09

Tgt Ion:152	Resp: 95191
Ion Ratio	Lower Upper
152 100	
115 61.8	31.3 93.9
150 157.6	0.0 349.8

