

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084151.D
 Acq On : 25 Sep 2024 11:11
 Operator : JC\MD
 Sample : VN0925WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBL01

Quant Time: Sep 26 01:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127336	49.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.165	113	95293	50.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	10.565	98	348398	53.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.847	95	120193	45.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.040%

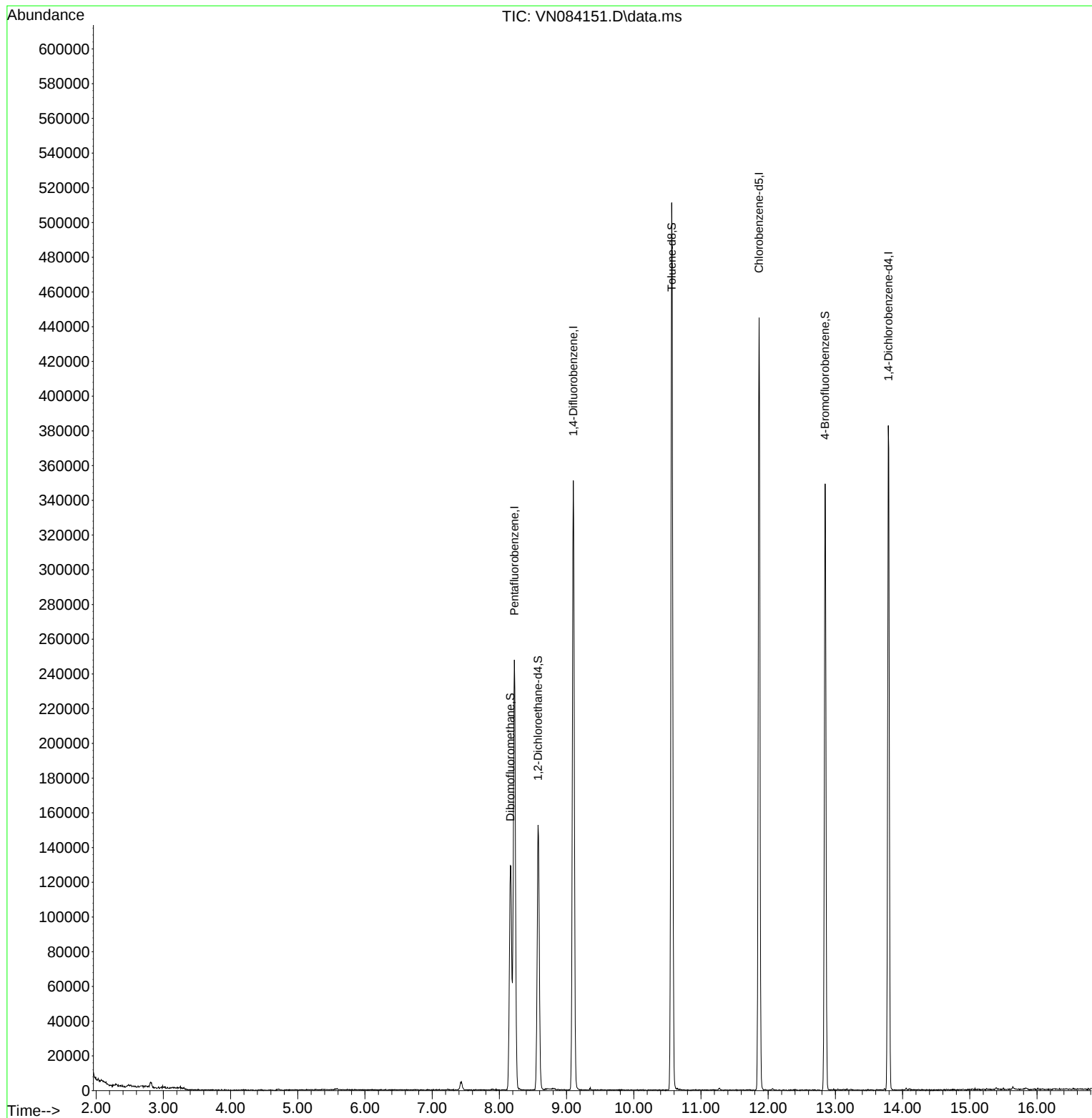
Target Compounds	Qvalue

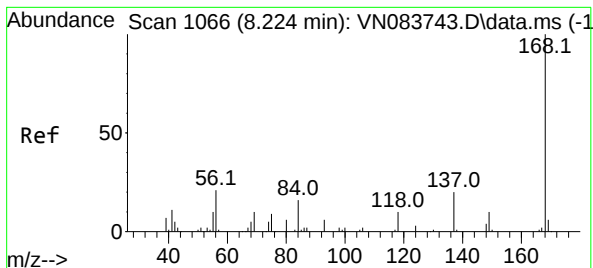
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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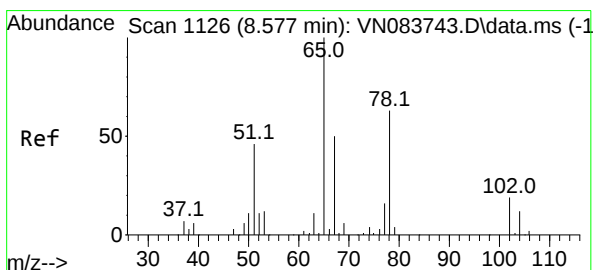
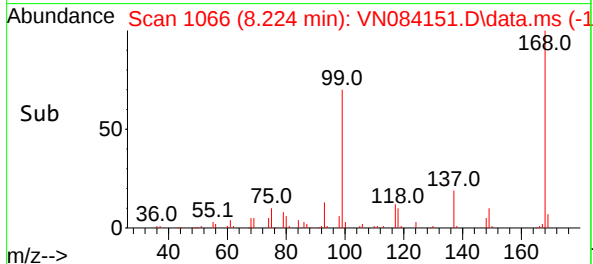
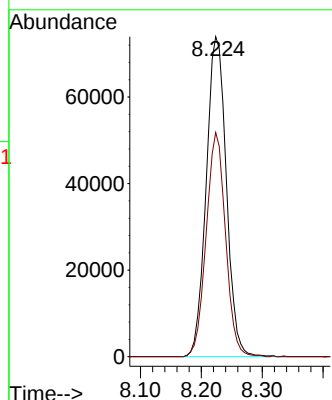
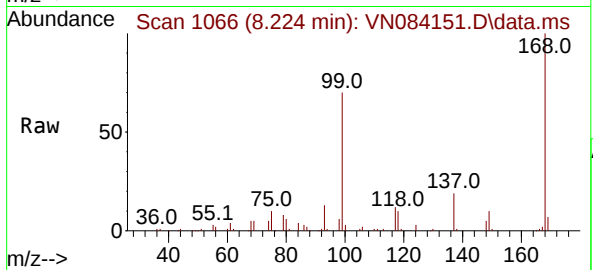




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

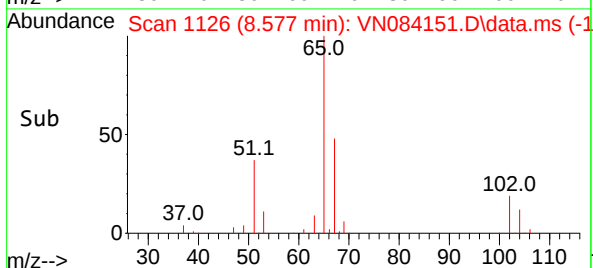
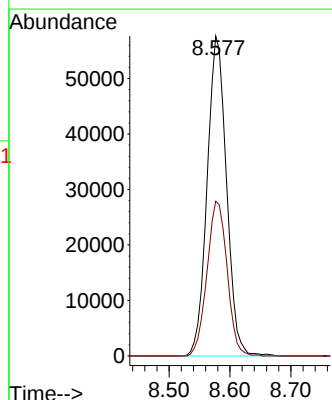
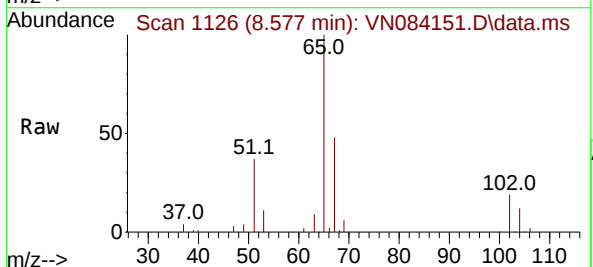
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

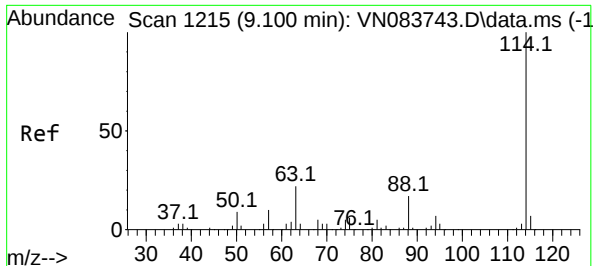
Tgt Ion:168 Resp: 169687
Ion Ratio Lower Upper
168 100
99 70.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.767 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Tgt Ion: 65 Resp: 127336
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBL01

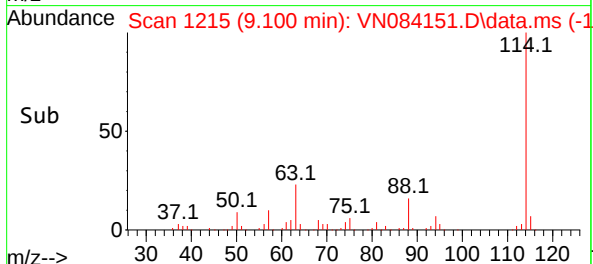
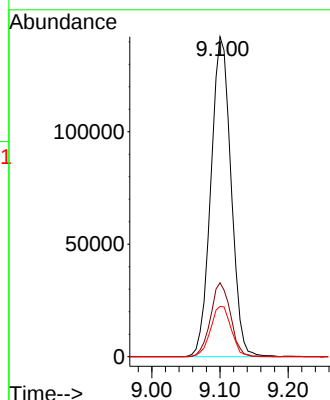
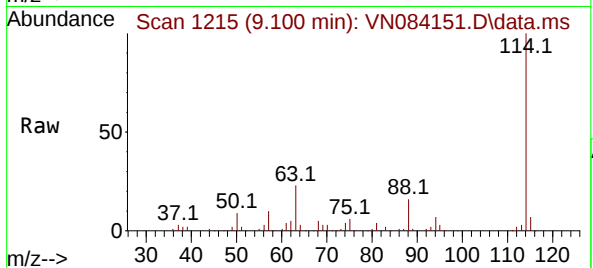
Tgt Ion:114 Resp: 292354

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.915 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

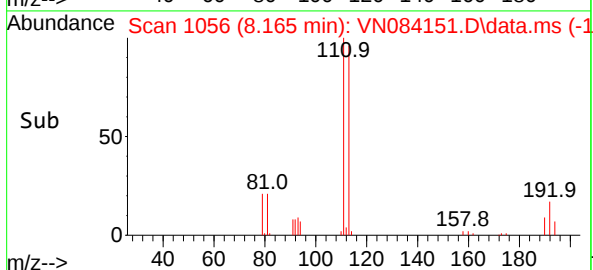
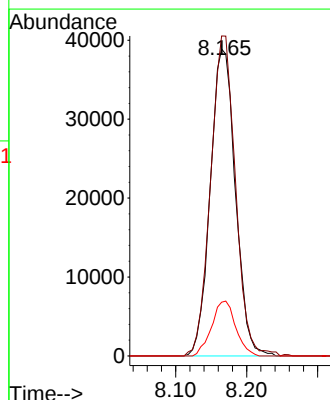
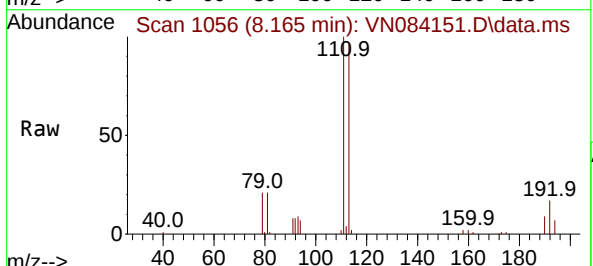
Tgt Ion:113 Resp: 95293

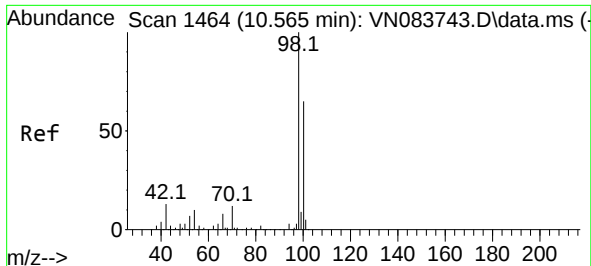
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.2 14.3 21.5

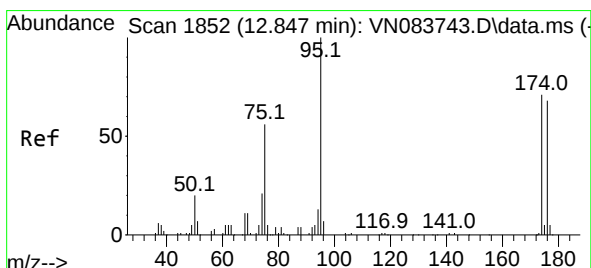
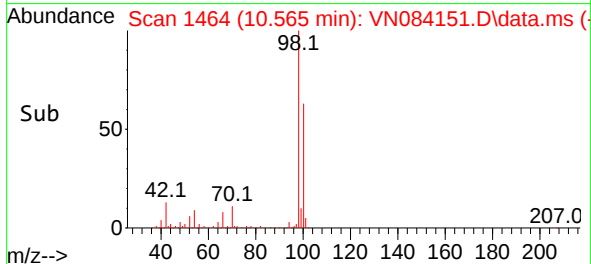
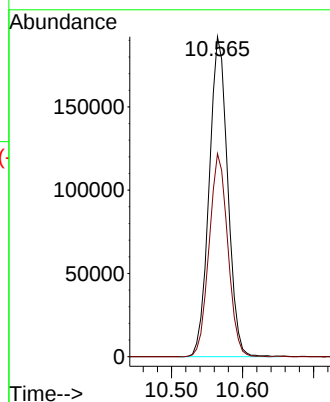
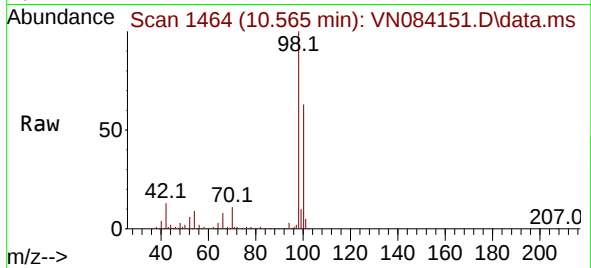




#50
Toluene-d8
Concen: 53.846 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

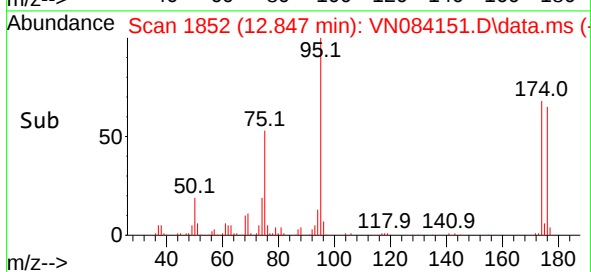
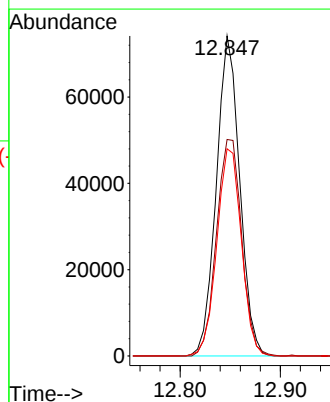
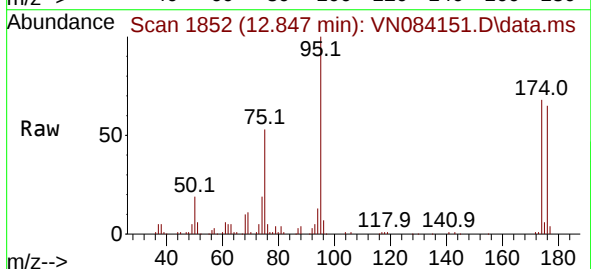
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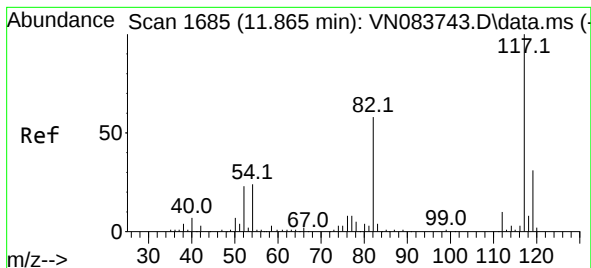
Tgt Ion: 98 Resp: 348398
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Tgt Ion: 95 Resp: 120193
Ion Ratio Lower Upper
95 100
174 72.7 0.0 139.8
176 67.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBL01

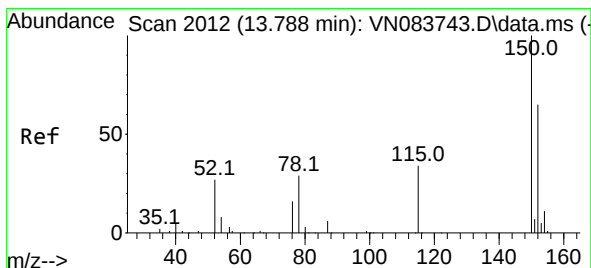
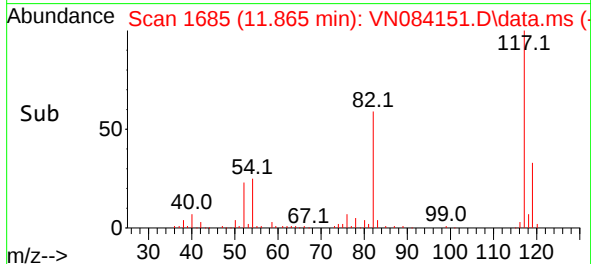
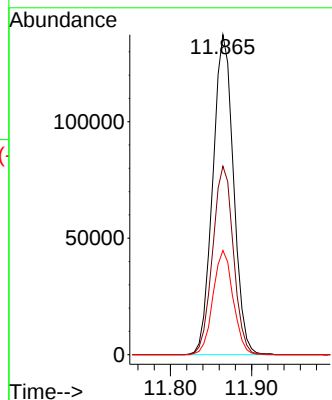
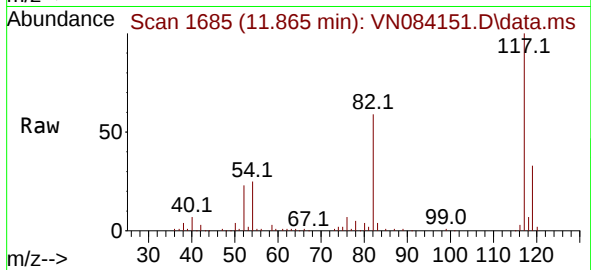
Tgt Ion:117 Resp: 243491

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Tgt Ion:152 Resp: 100585

Ion Ratio Lower Upper

152 100

115 61.2 32.2 96.6

150 157.5 0.0 348.6

