

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083658.D
 Acq On : 04 Sep 2024 18:42
 Operator : JC\MD
 Sample : P3802-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-082924

Quant Time: Sep 05 02:30:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	135338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104252	55.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	8.165	113	81955	48.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.565	98	307303	46.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.847	95	137751	56.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.700%

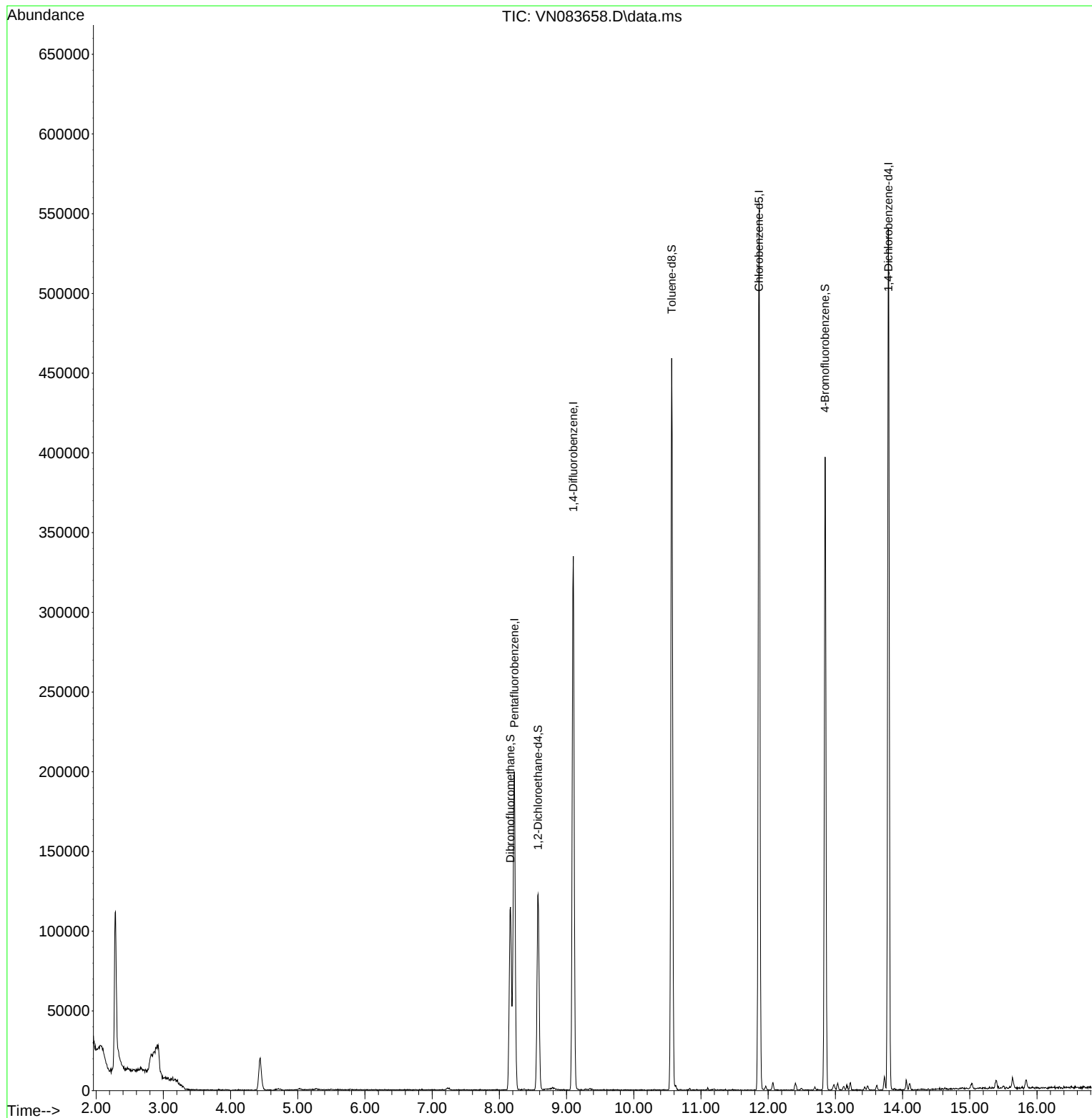
Target Compounds	Qvalue

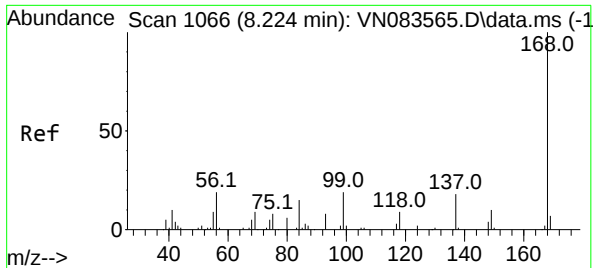
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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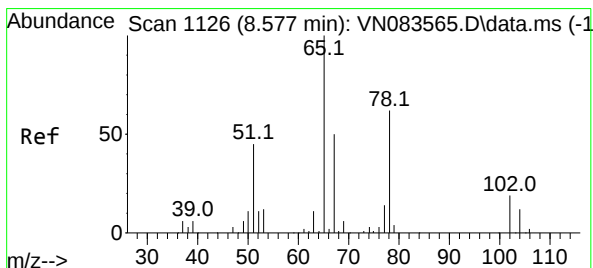
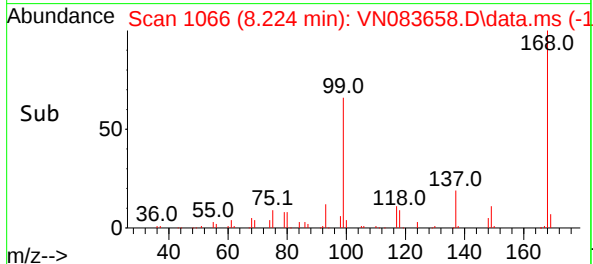
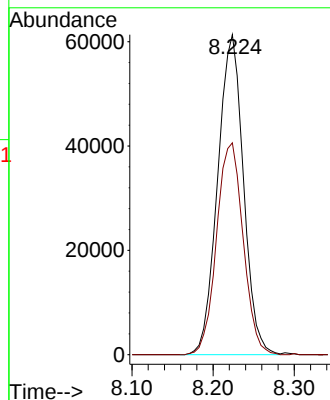
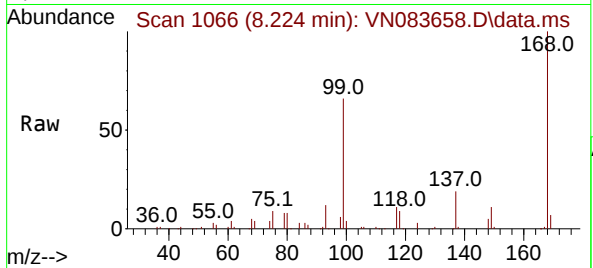




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083658.D
Acq: 04 Sep 2024 18:42

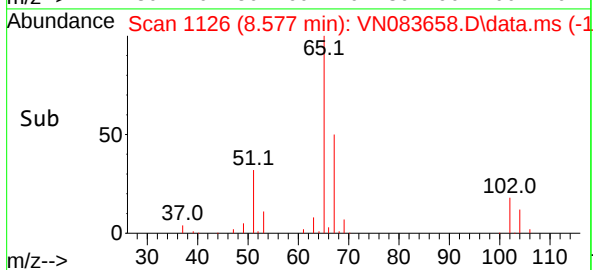
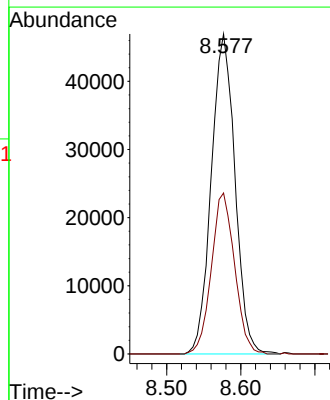
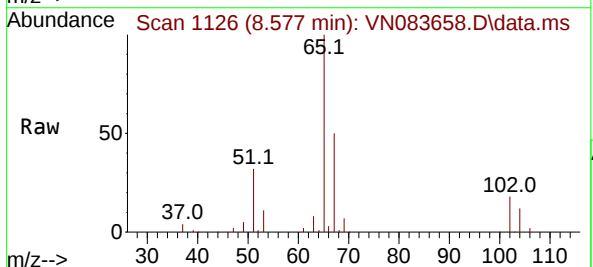
Instrument :
MSVOA_N
ClientSampleId :
TB01-082924

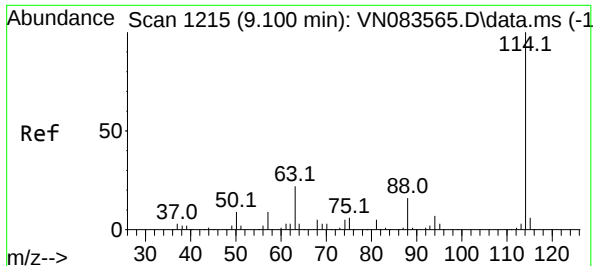
Tgt Ion:168 Resp: 135338
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 55.117 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083658.D
Acq: 04 Sep 2024 18:42

Tgt Ion: 65 Resp: 104252
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083658.D

Acq: 04 Sep 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

TB01-082924

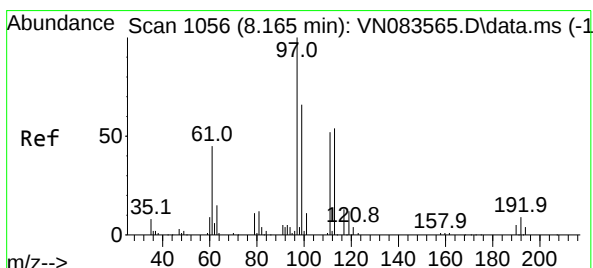
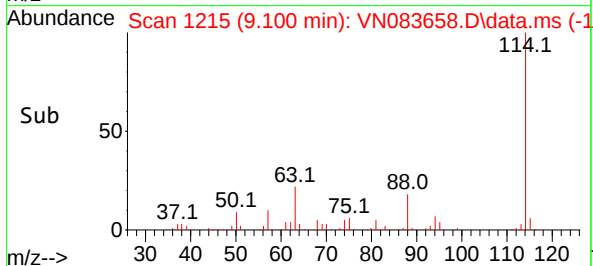
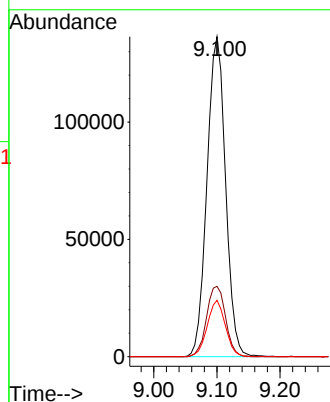
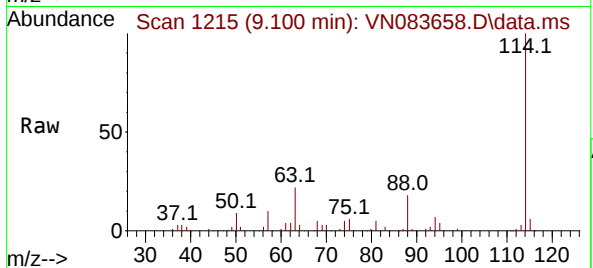
Tgt Ion:114 Resp: 279076

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 17.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.792 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083658.D

Acq: 04 Sep 2024 18:42

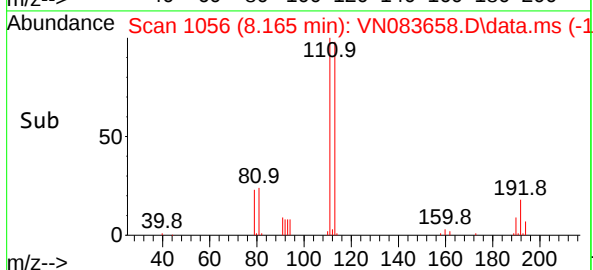
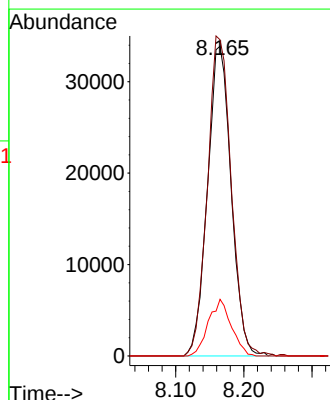
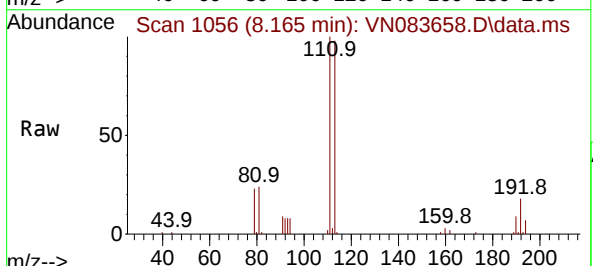
Tgt Ion:113 Resp: 81955

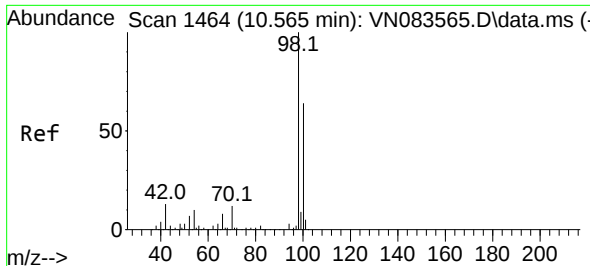
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 17.7 14.3 21.5

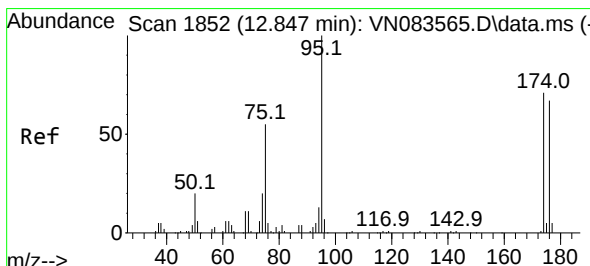
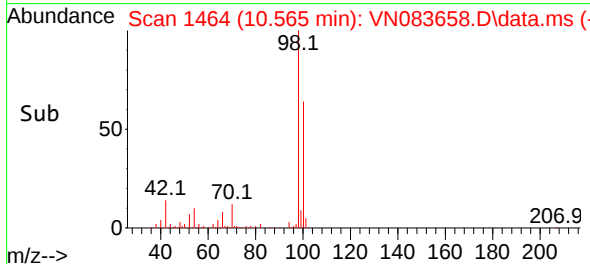
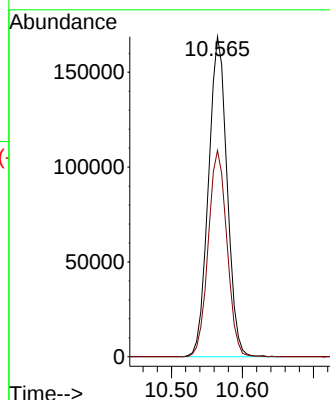
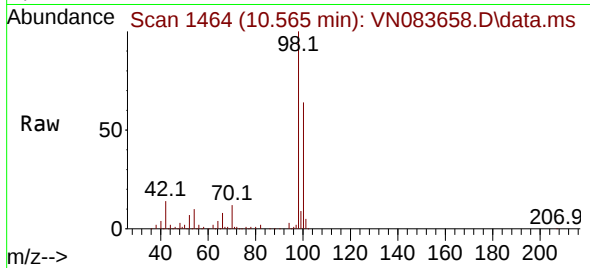




#50
Toluene-d8
Concen: 46.998 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083658.D
Acq: 04 Sep 2024 18:42

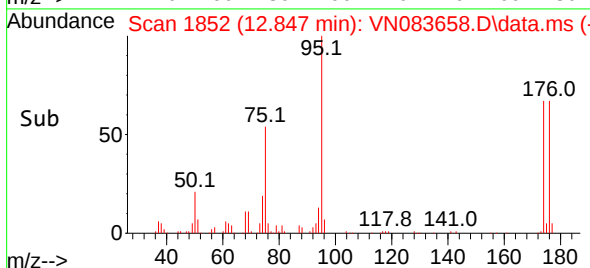
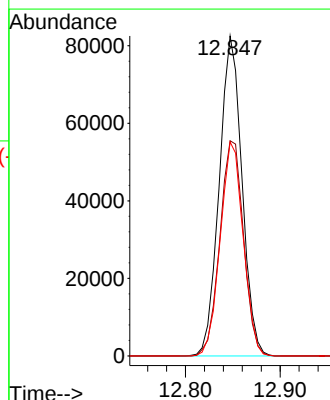
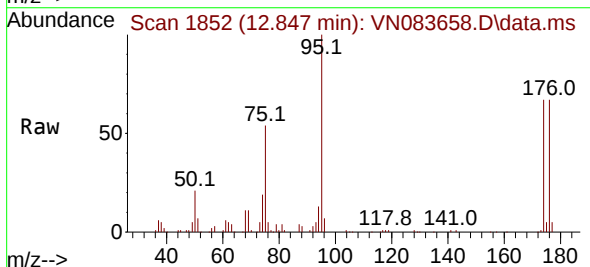
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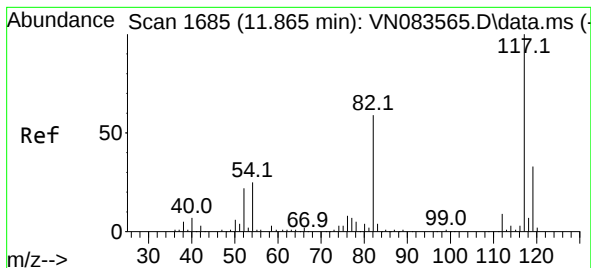
Tgt Ion: 98 Resp: 307303
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.849 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083658.D
Acq: 04 Sep 2024 18:42

Tgt Ion: 95 Resp: 137751
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 67.6 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: VN083658.D

Acq: 04 Sep 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

TB01-082924

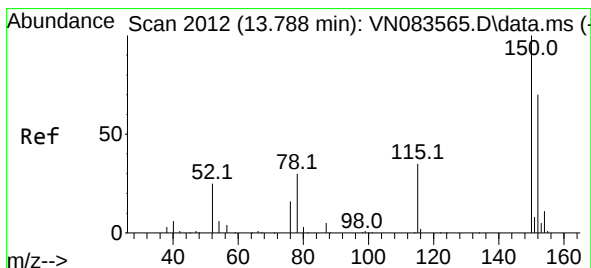
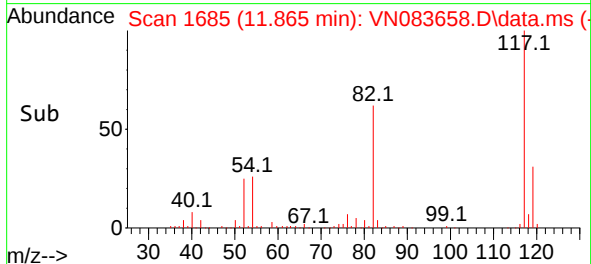
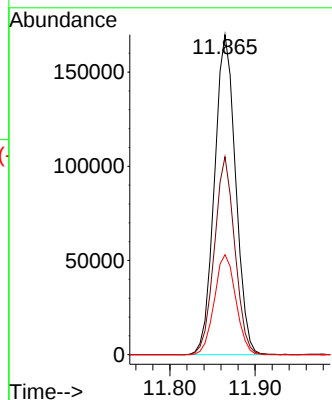
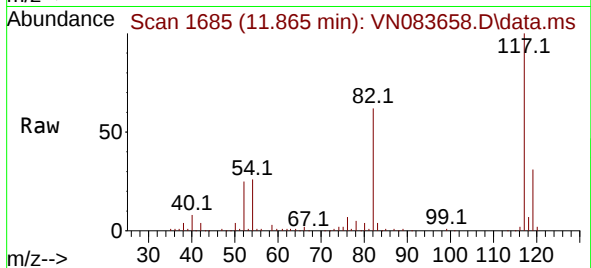
Tgt Ion:117 Resp: 292484

Ion Ratio Lower Upper

117 100

82 61.8 47.4 71.0

119 31.2 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: VN083658.D

Acq: 04 Sep 2024 18:42

Tgt Ion:152 Resp: 135841

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

150 158.9 0.0 348.6

