

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083610.D
 Acq On : 31 Aug 2024 11:21
 Operator : JC\MD
 Sample : P3777-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13B-47.5-082824

Quant Time: Sep 02 01:04:35 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	135031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109354	57.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.900%
35) Dibromofluoromethane	8.165	113	88953	52.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.900%
50) Toluene-d8	10.565	98	319988	48.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.847	95	146191	60.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.660%

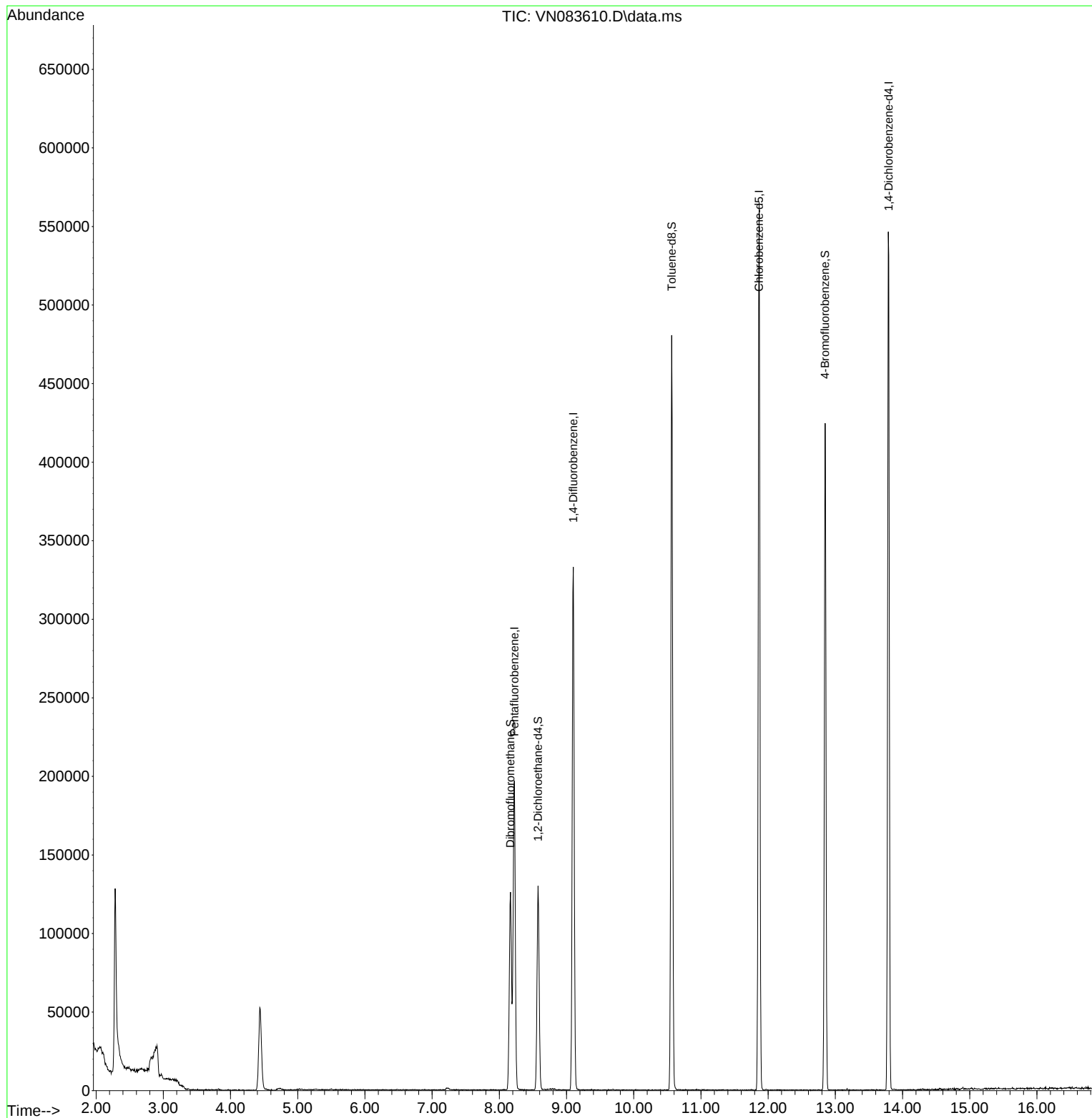
Target Compounds	Qvalue

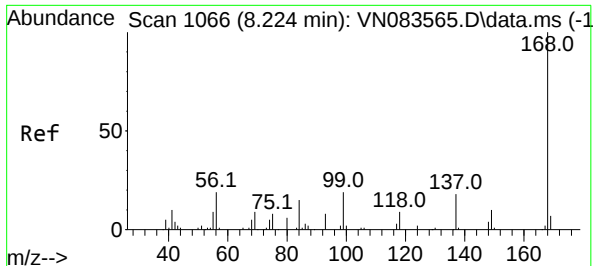
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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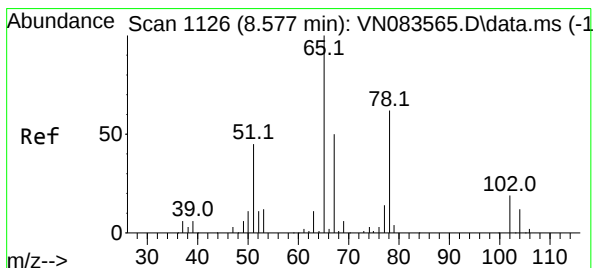
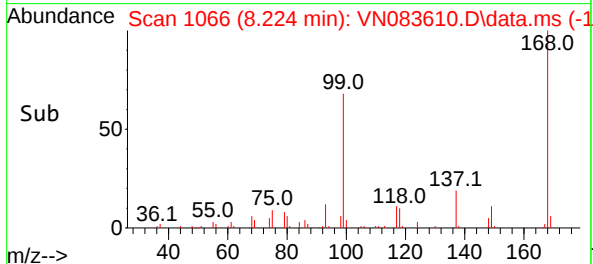
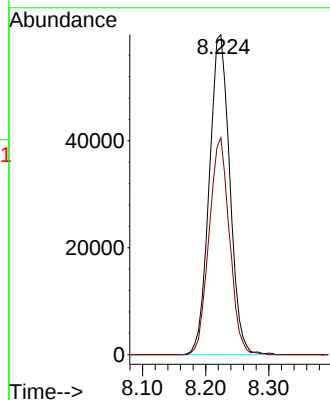
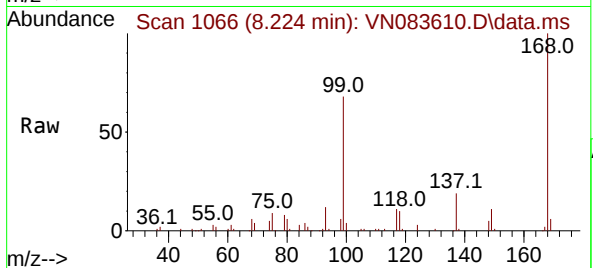




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

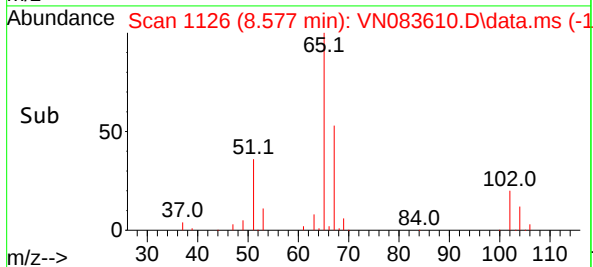
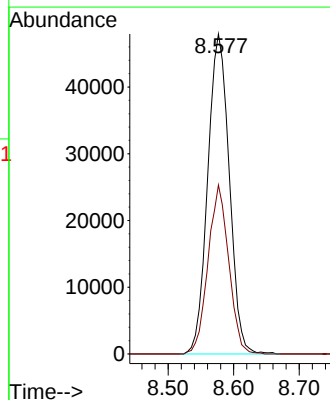
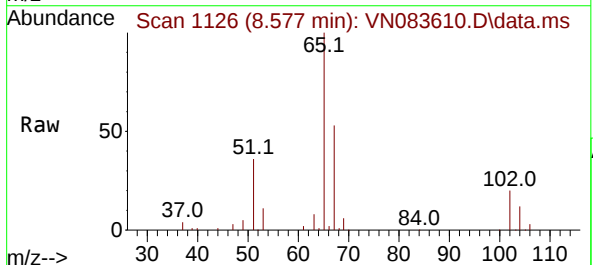
Instrument :
MSVOA_N
ClientSampleId :
MW-13B-47.5-082824

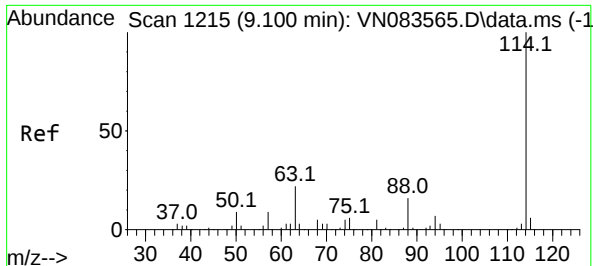
Tgt Ion:168 Resp: 135031
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 57.945 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 65 Resp: 109354
Ion Ratio Lower Upper
65 100
67 50.7 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: VN083610.D

Acq: 31 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

MW-13B-47.5-082824

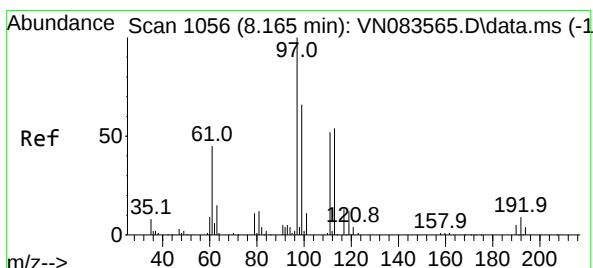
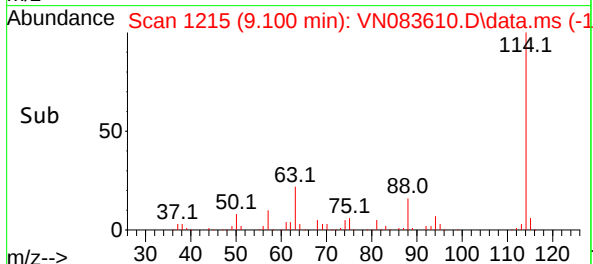
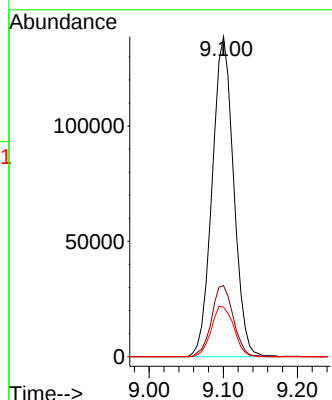
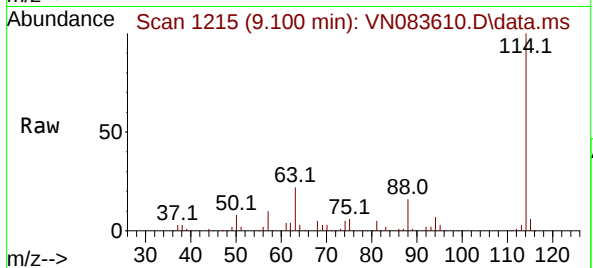
Tgt Ion:114 Resp: 279104

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.952 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

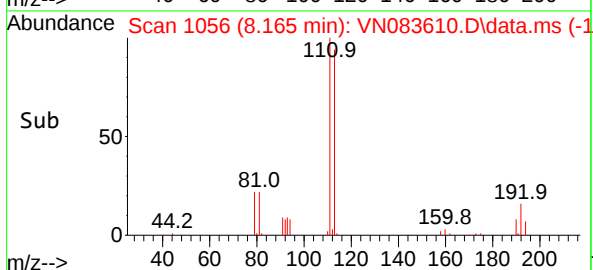
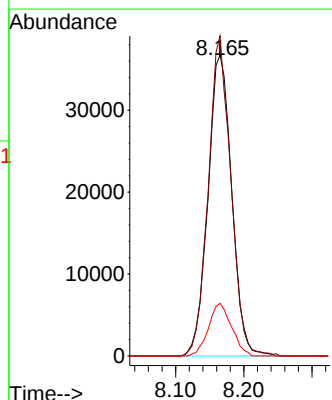
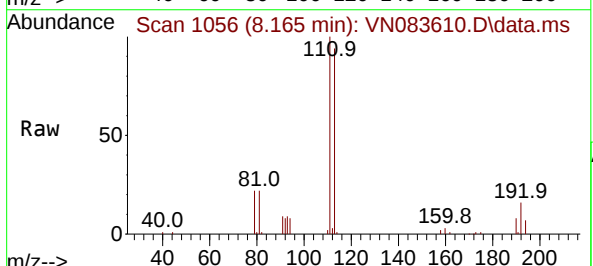
Tgt Ion:113 Resp: 88953

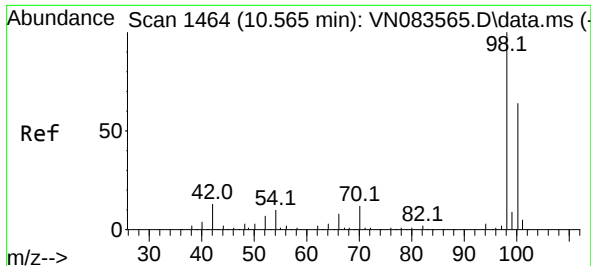
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.0 14.3 21.5

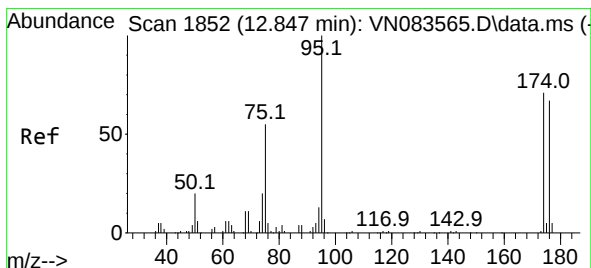
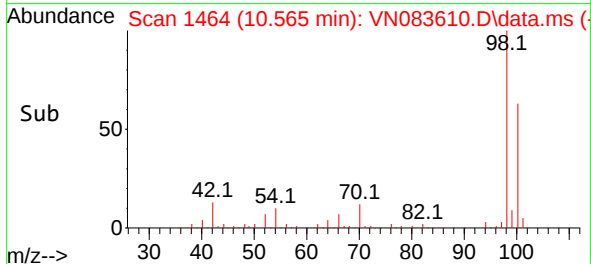
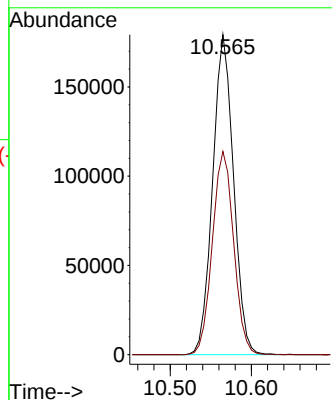
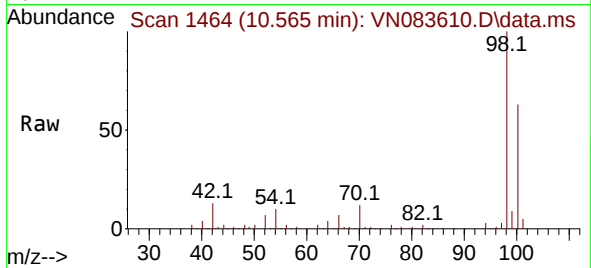




#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

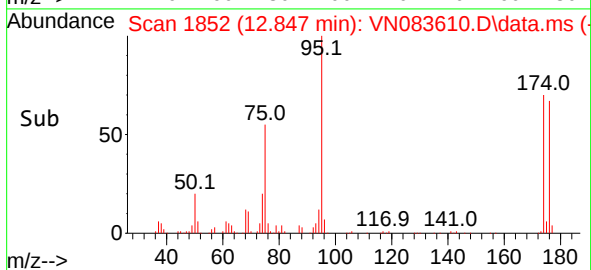
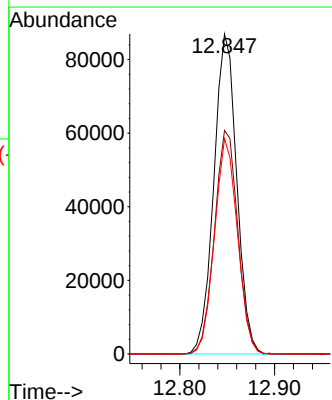
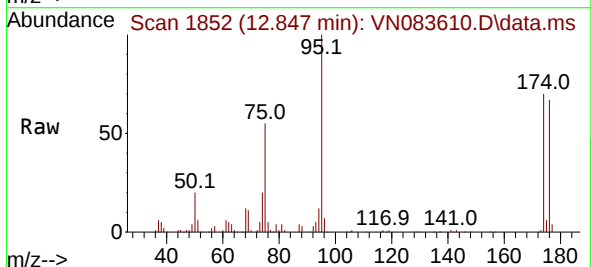
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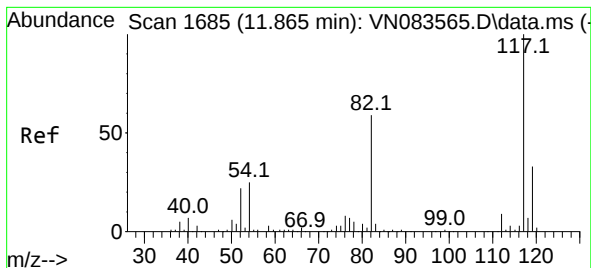
Tgt Ion: 98 Resp: 319988
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.326 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083610.D
Acq: 31 Aug 2024 11:21

Tgt Ion: 95 Resp: 146191
Ion Ratio Lower Upper
95 100
174 71.5 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: VN083610.D

Acq: 31 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

MW-13B-47.5-082824

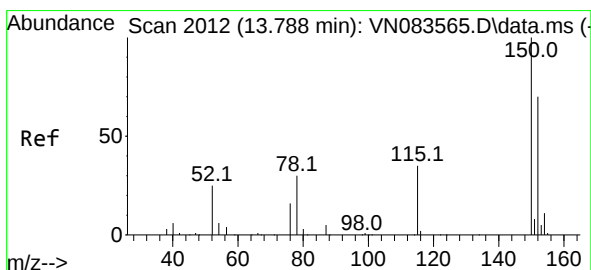
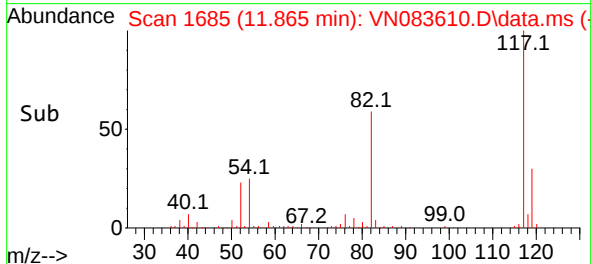
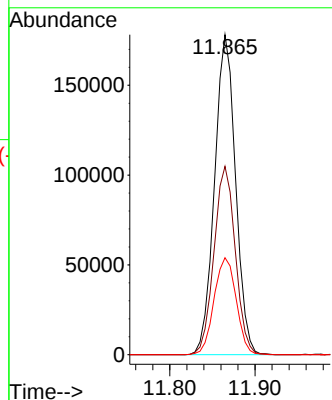
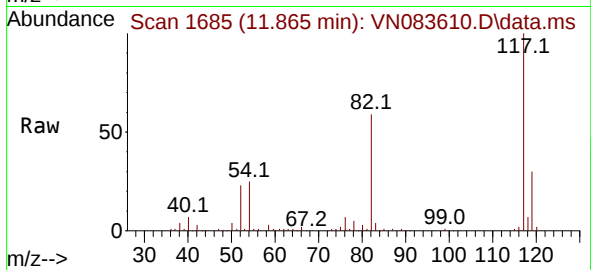
Tgt Ion:117 Resp: 304667

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.0

119 30.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083610.D

Acq: 31 Aug 2024 11:21

Tgt Ion:152 Resp: 141826

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

150 155.9 0.0 348.6

