

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083598.D
 Acq On : 31 Aug 2024 06:33
 Operator : JC\MD
 Sample : P3769-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07-6.5-082724

Quant Time: Sep 02 00:59:04 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	145320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114644	56.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.900%
35) Dibromofluoromethane	8.165	113	92415	51.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.420%
50) Toluene-d8	10.565	98	330713	47.522	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.847	95	156347	60.642	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.280%#

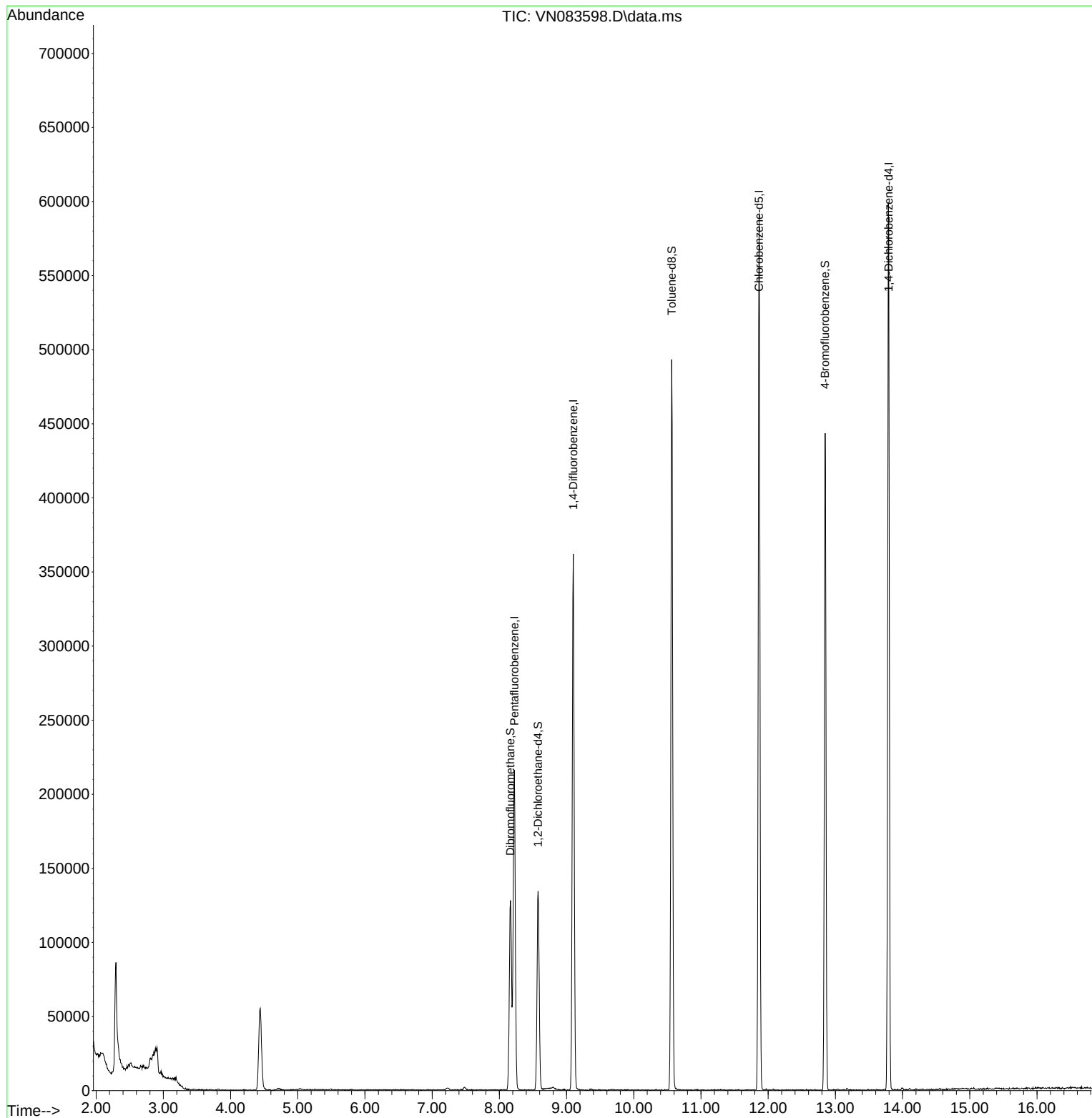
Target Compounds	Qvalue

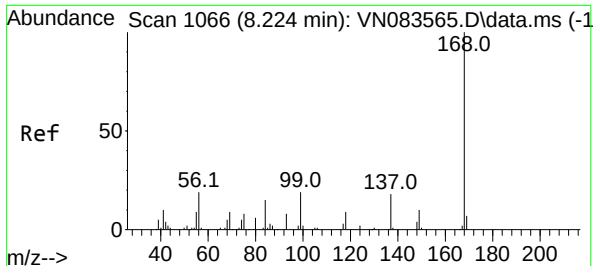
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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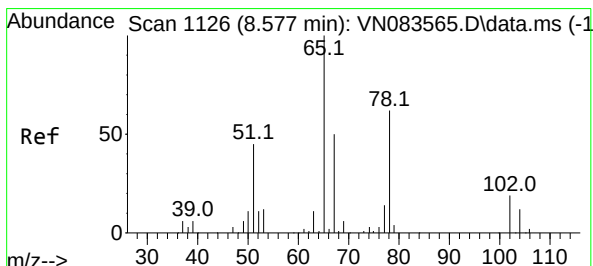
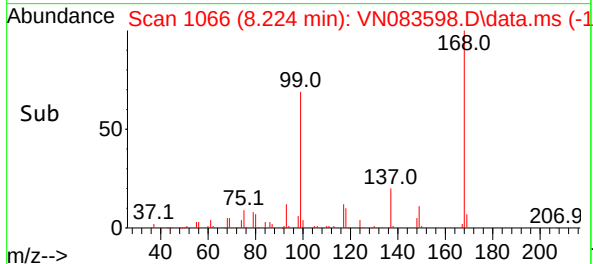
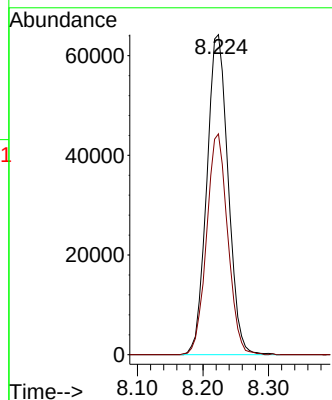
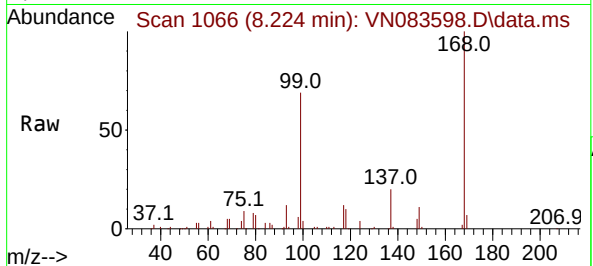




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083598.D
Acq: 31 Aug 2024 06:33

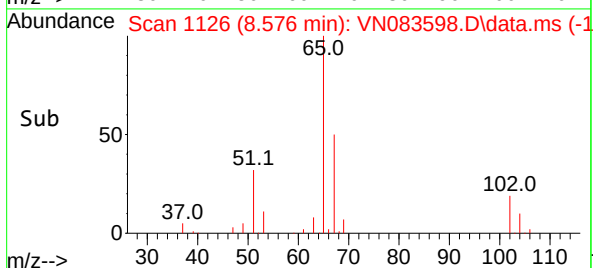
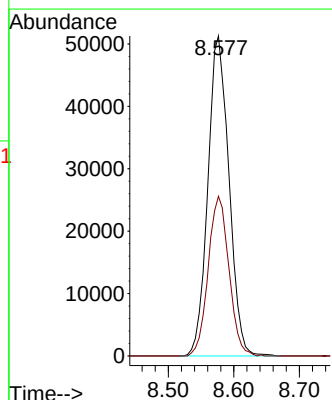
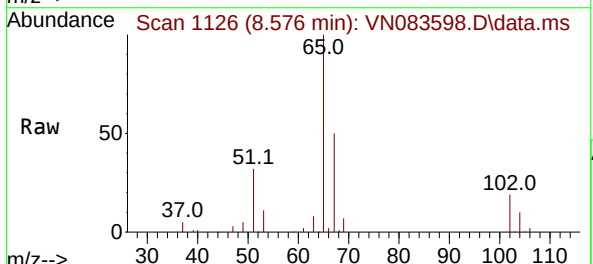
Instrument :
MSVOA_N
ClientSampleId :
MW-07-6.5-082724

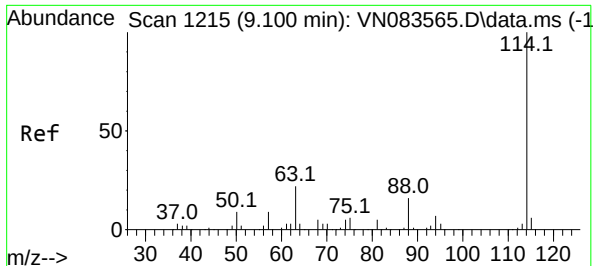
Tgt Ion:168 Resp: 145320
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.447 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083598.D
Acq: 31 Aug 2024 06:33

Tgt Ion: 65 Resp: 114644
Ion Ratio Lower Upper
65 100
67 49.0 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: VN083598.D

Acq: 31 Aug 2024 06:33

Instrument :

MSVOA_N

ClientSampleId :

MW-07-6.5-082724

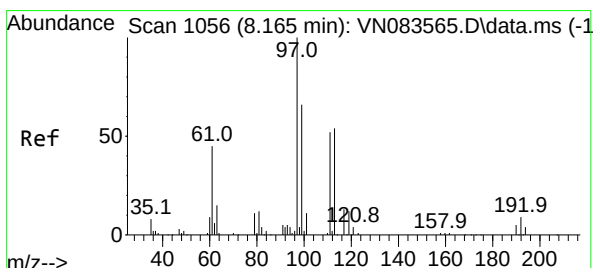
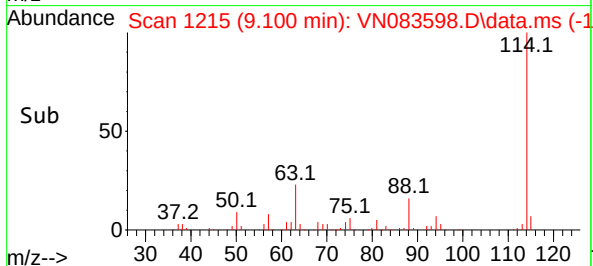
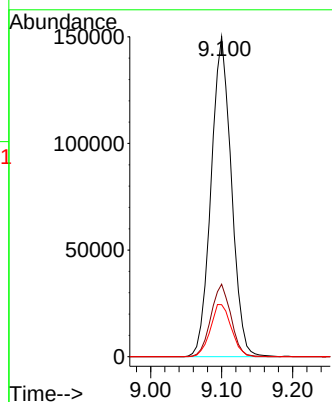
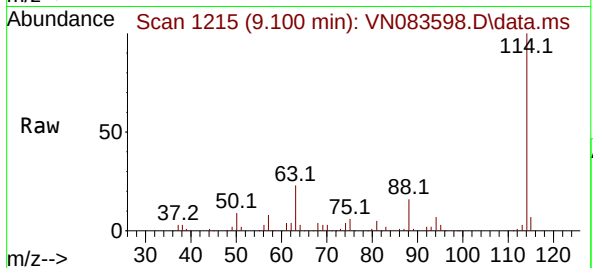
Tgt Ion:114 Resp: 296941

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.709 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083598.D

Acq: 31 Aug 2024 06:33

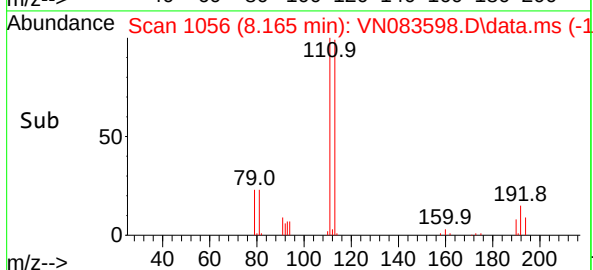
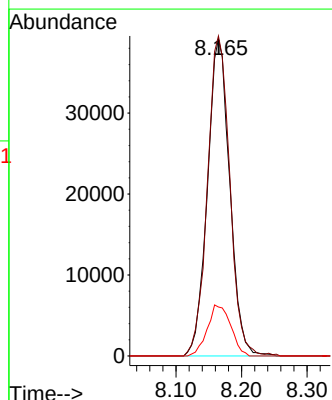
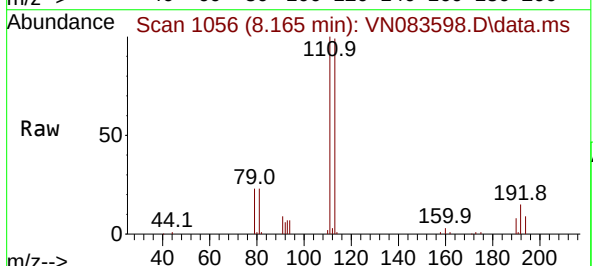
Tgt Ion:113 Resp: 92415

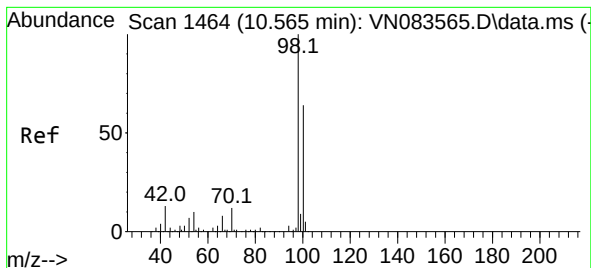
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 16.9 14.3 21.5

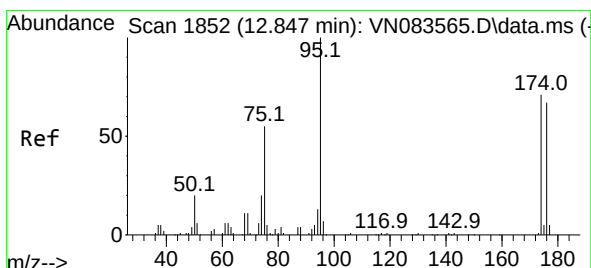
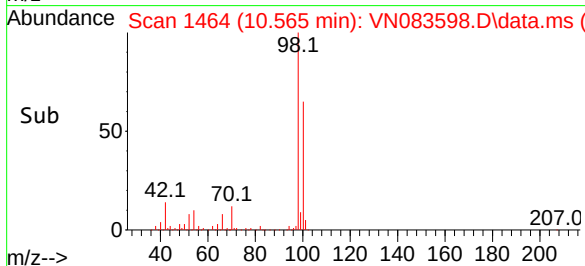
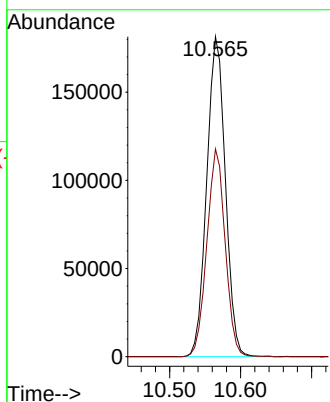
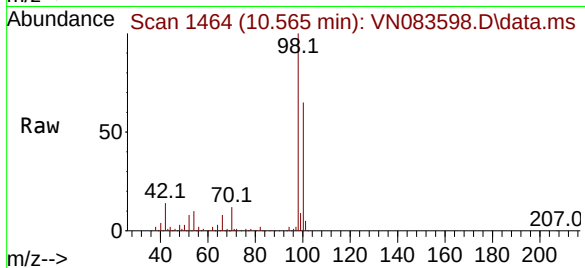




#50
Toluene-d8
Concen: 47.522 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083598.D
Acq: 31 Aug 2024 06:33

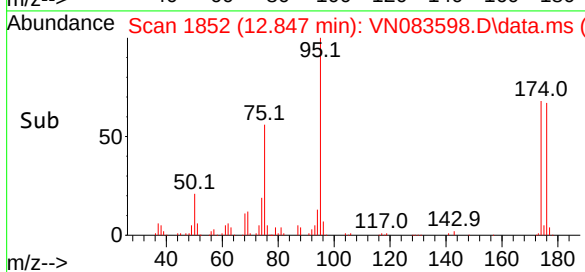
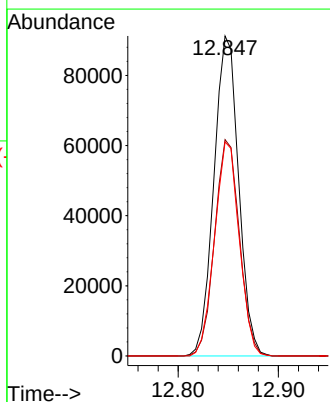
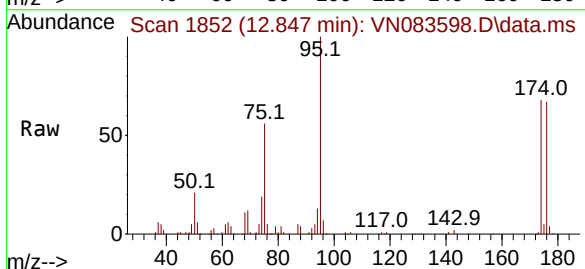
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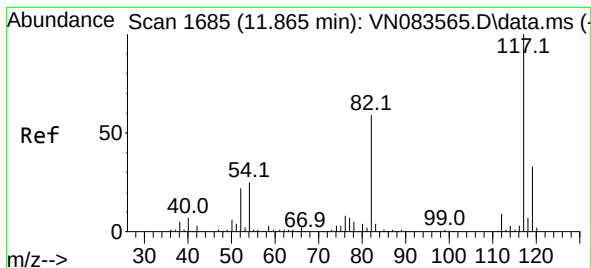
Tgt Ion: 98 Resp: 330713
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083598.D
Acq: 31 Aug 2024 06:33

Tgt Ion: 95 Resp: 156347
Ion Ratio Lower Upper
95 100
174 67.8 0.0 139.8
176 66.5 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: VN083598.D

Acq: 31 Aug 2024 06:33

Instrument :

MSVOA_N

ClientSampleId :

MW-07-6.5-082724

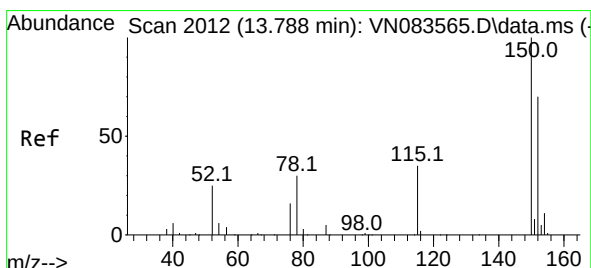
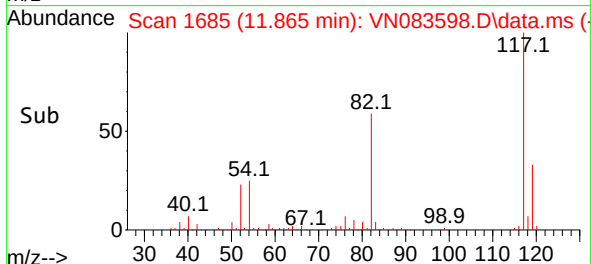
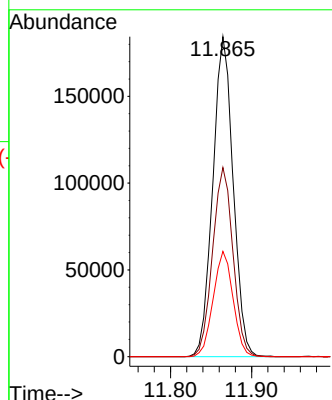
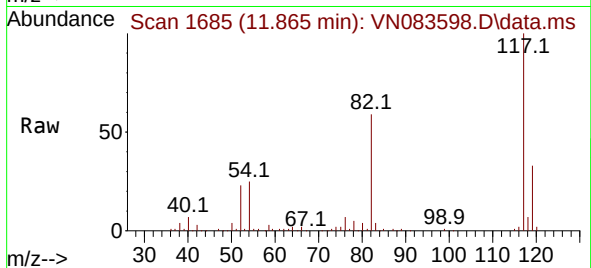
Tgt Ion:117 Resp: 321468

Ion Ratio Lower Upper

117 100

82 59.1 47.4 71.0

119 32.9 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: VN083598.D

Acq: 31 Aug 2024 06:33

Tgt Ion:152 Resp: 153167

Ion Ratio Lower Upper

152 100

115 65.2 32.2 96.6

150 156.0 0.0 348.6

