

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081600.D
 Acq On : 28 Mar 2024 16:29
 Operator : JC\MD
 Sample : P1916-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 29 02:45:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	352674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	641744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597390	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	244934	54.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.920%
35) Dibromofluoromethane	8.165	113	212644	52.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	10.565	98	773726	52.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.853	95	243121	47.128	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.260%

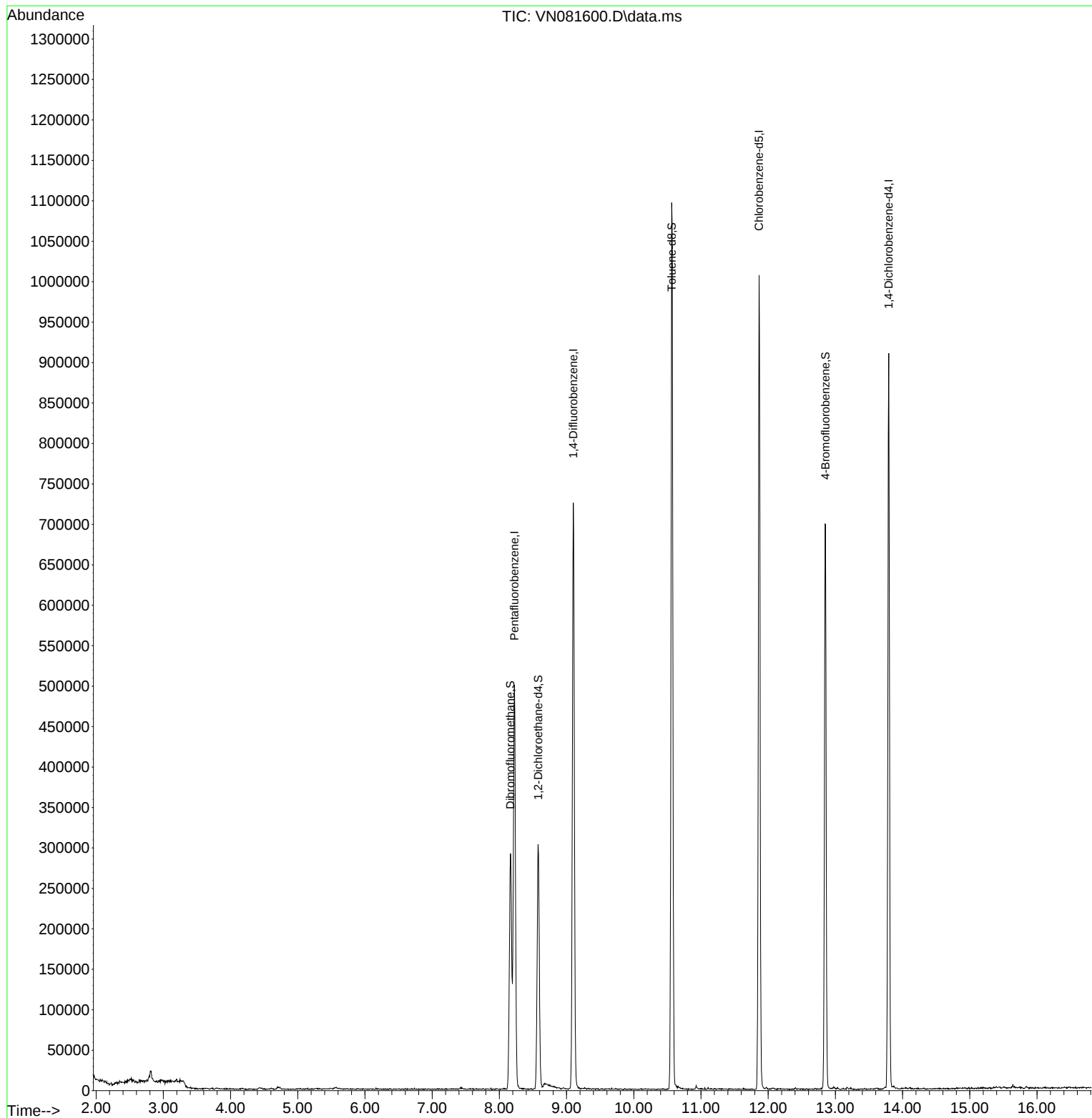
Target Compounds	Qvalue

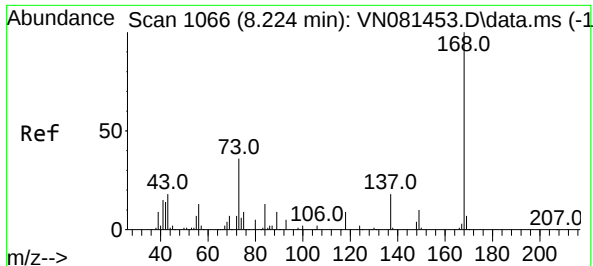
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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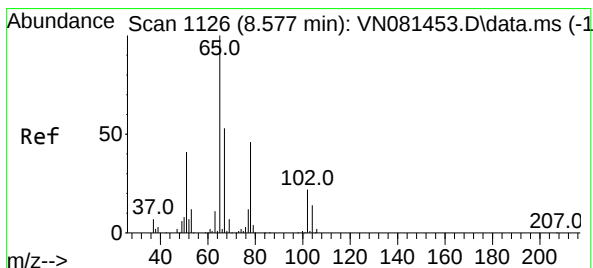
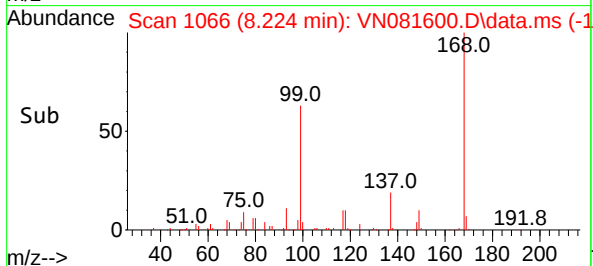
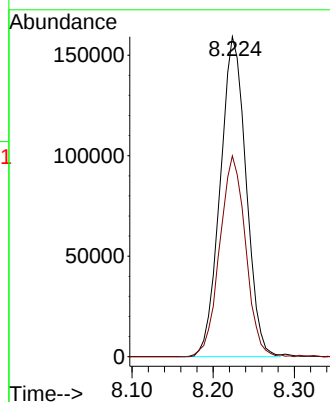
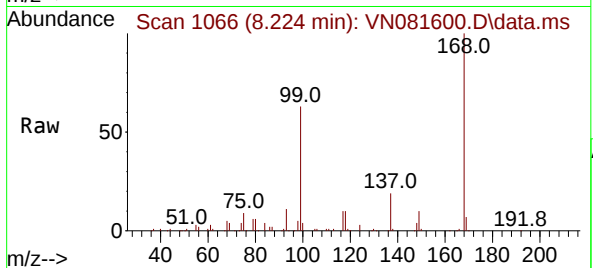




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

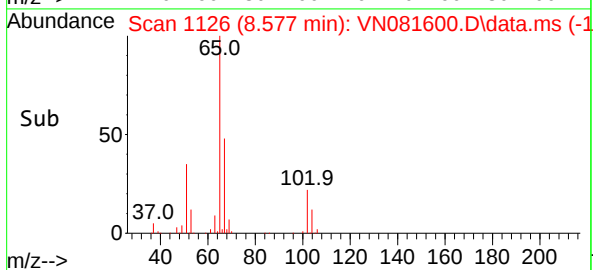
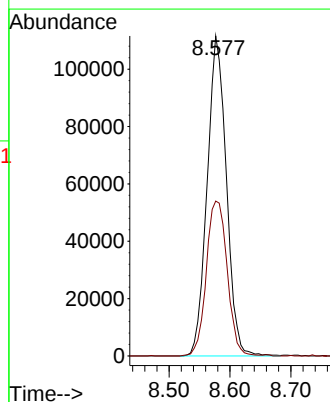
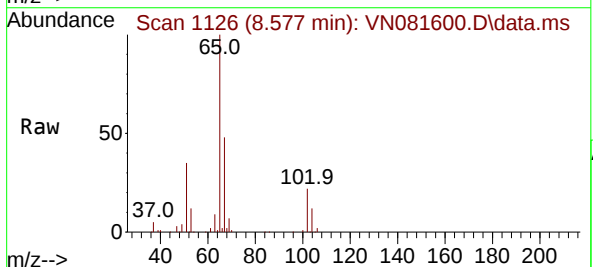
Instrument :
MSVOA_N
ClientSampleId :
MW-1

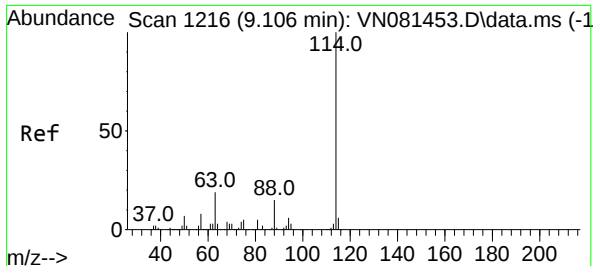
Tgt Ion:168 Resp: 352674
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 65 Resp: 244934
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081600.D

Acq: 28 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

MW-1

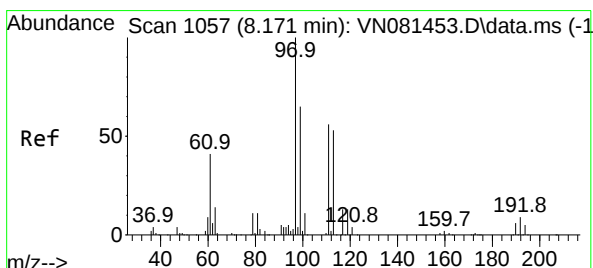
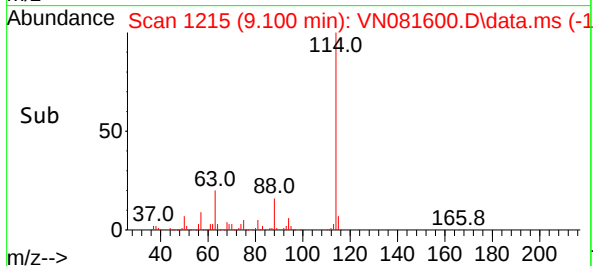
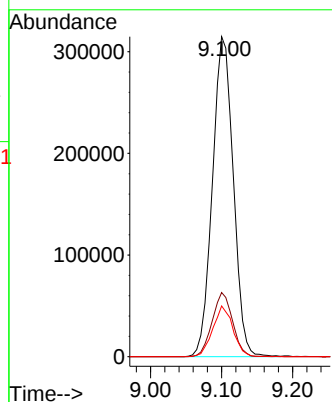
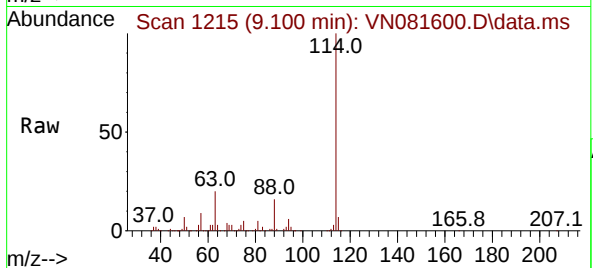
Tgt Ion:114 Resp: 641744

Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.504 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081600.D

Acq: 28 Mar 2024 16:29

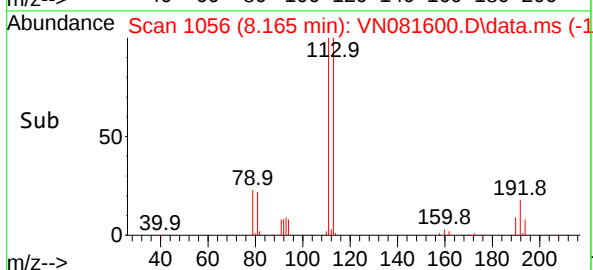
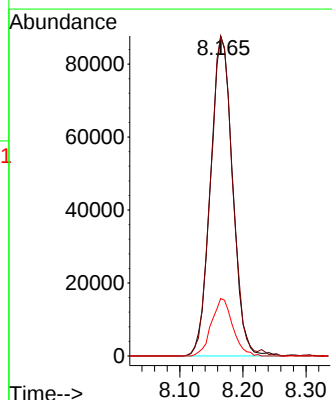
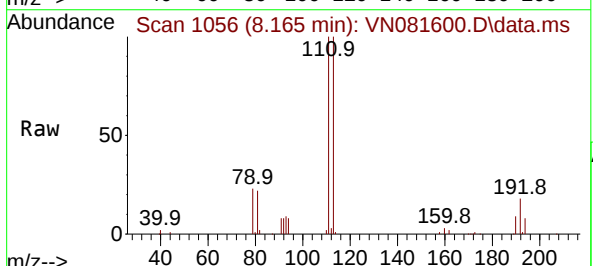
Tgt Ion:113 Resp: 212644

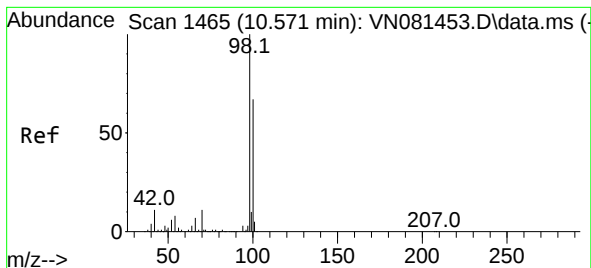
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 17.3 12.5 18.7

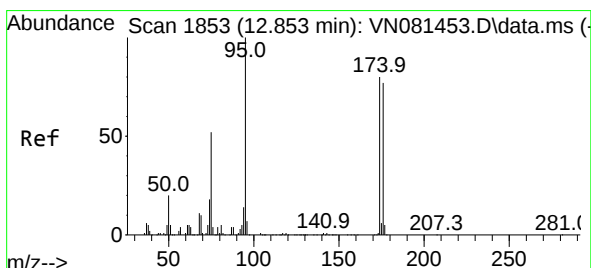
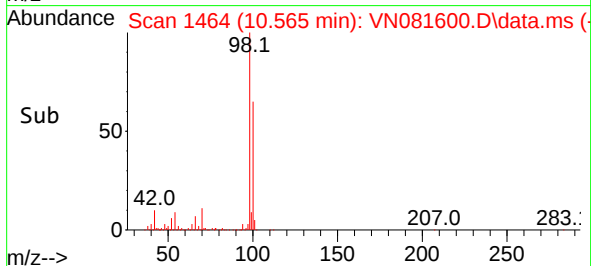
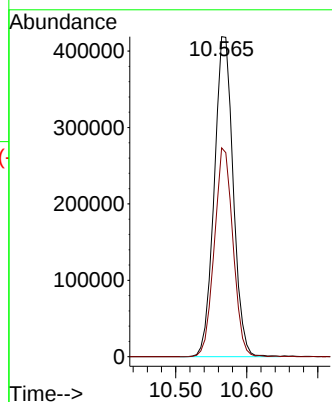
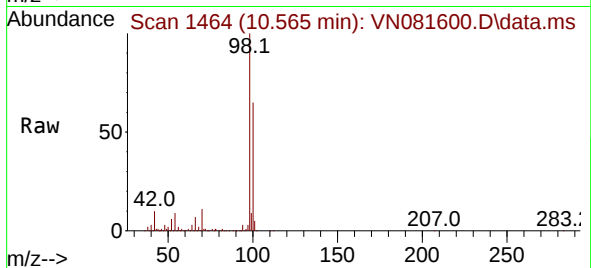




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

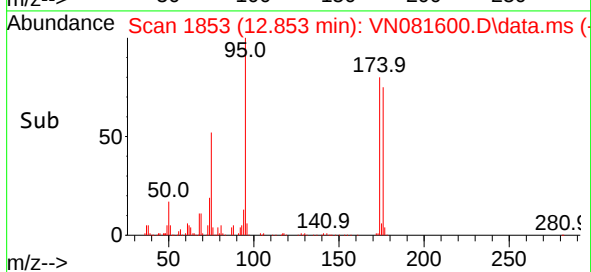
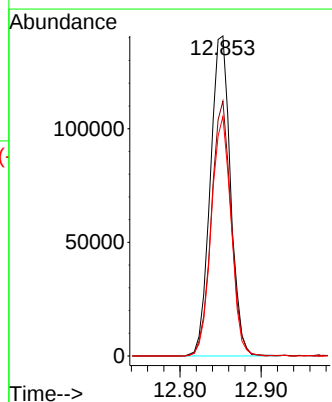
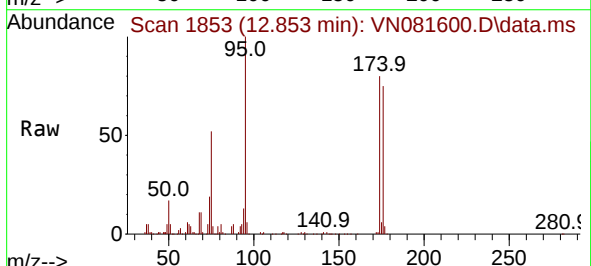
Instrument :
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MW-1

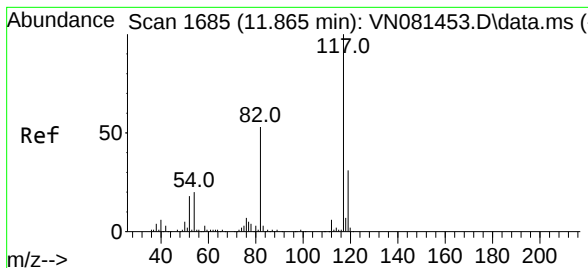
Tgt Ion: 98 Resp: 773726
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.128 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081600.D
Acq: 28 Mar 2024 16:29

Tgt Ion: 95 Resp: 243121
Ion Ratio Lower Upper
95 100
174 78.0 0.0 120.4
176 73.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081600.D

Acq: 28 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

MW-1

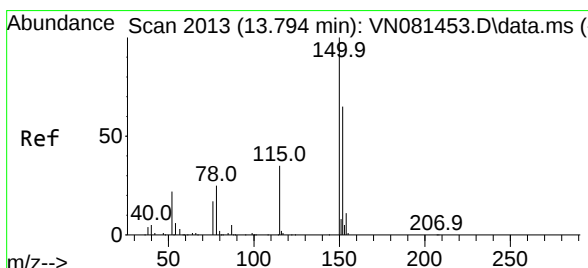
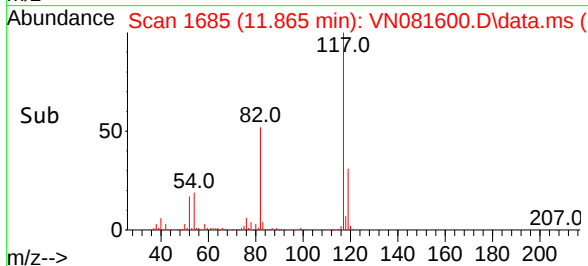
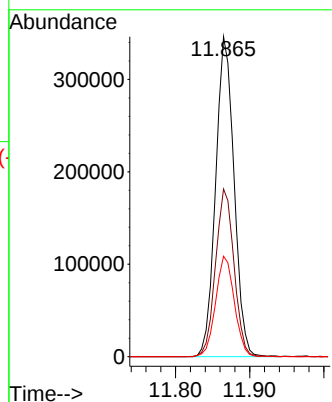
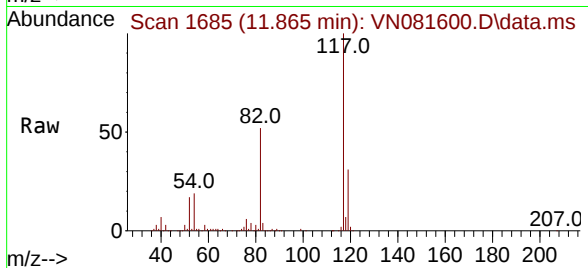
Tgt Ion:117 Resp: 597390

Ion Ratio Lower Upper

117 100

82 52.4 52.7 79.1#

119 31.4 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081600.D

Acq: 28 Mar 2024 16:29

Tgt Ion:152 Resp: 240613

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 158.3 0.0 339.8

