

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080355.D
 Acq On : 05 Dec 2023 10:40
 Operator : JC\MD
 Sample : VN1205MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205MBL01

Quant Time: Dec 06 00:47:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139816	54.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	8.165	113	111208	53.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.220%	
50) Toluene-d8	10.565	98	369100	49.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.853	95	141016	49.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.860%	

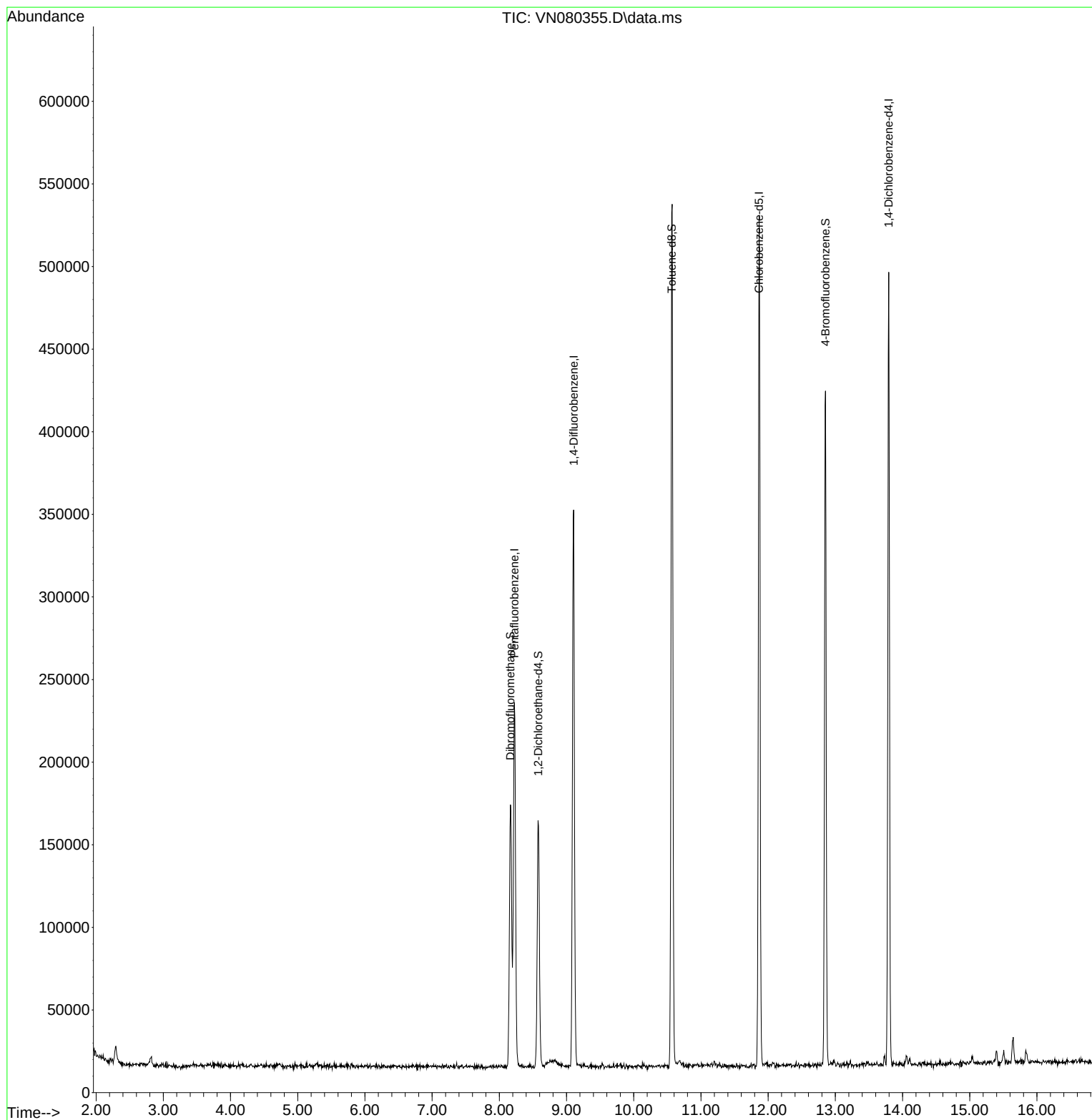
Target Compounds Qvalue

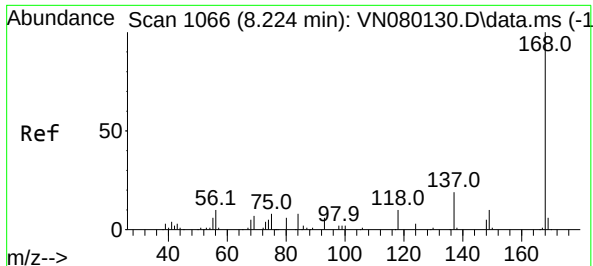
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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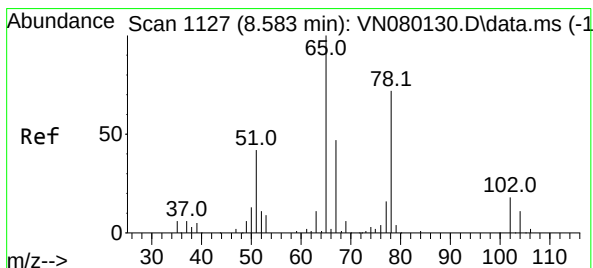
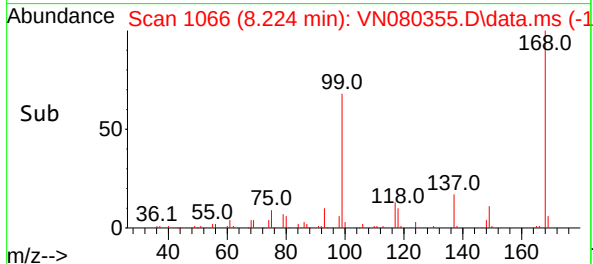
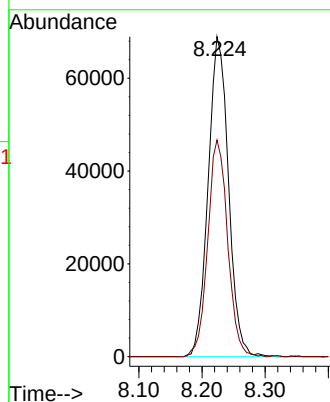
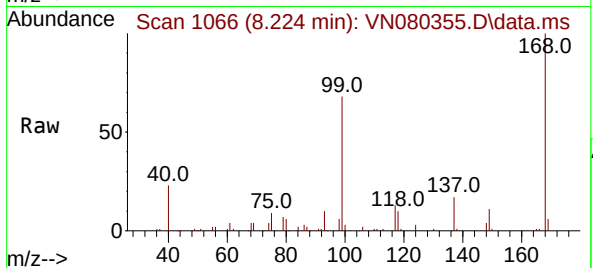




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080355.D
Acq: 05 Dec 2023 10:40

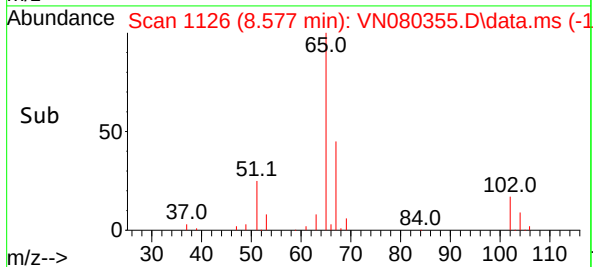
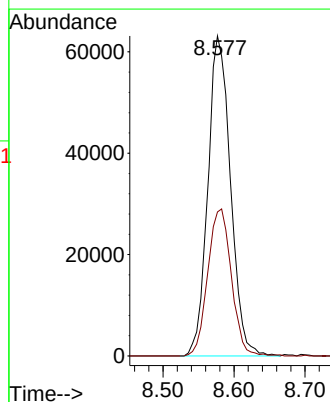
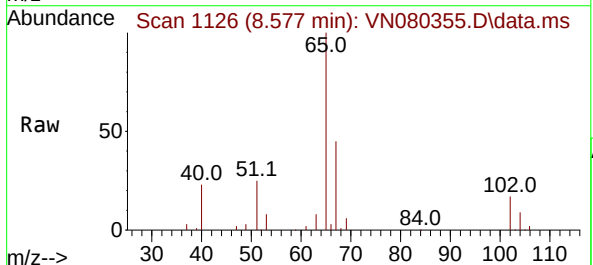
Instrument :
MSVOA_N
ClientSampleId :
VN1205MBL01

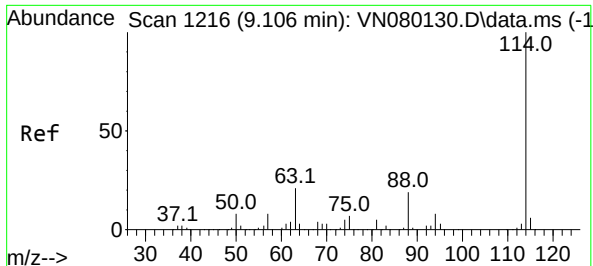
Tgt Ion:168 Resp: 154290
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.882 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080355.D
Acq: 05 Dec 2023 10:40

Tgt Ion: 65 Resp: 139816
Ion Ratio Lower Upper
65 100
67 48.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080355.D

Acq: 05 Dec 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1205MBL01

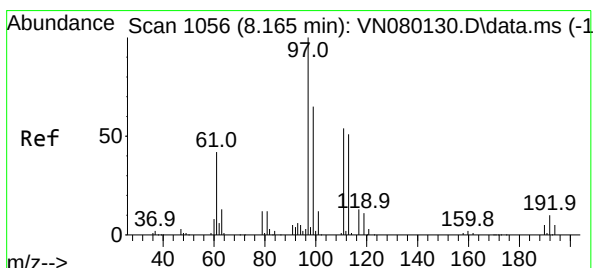
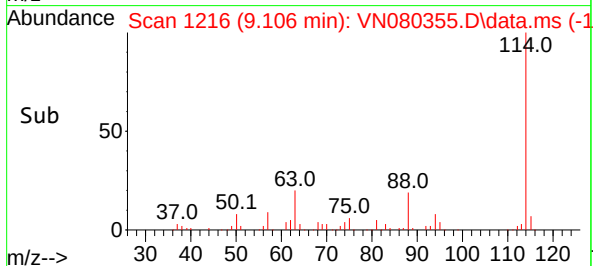
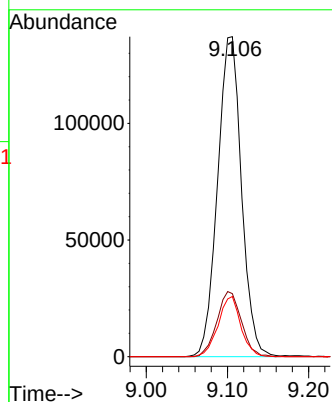
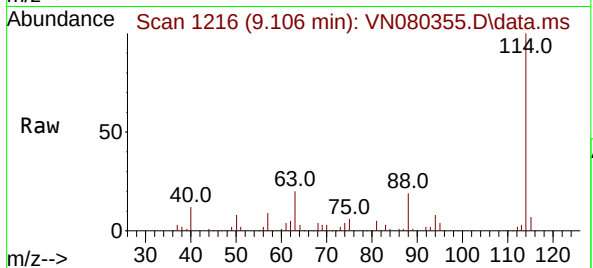
Tgt Ion:114 Resp: 281127

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 18.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.611 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080355.D

Acq: 05 Dec 2023 10:40

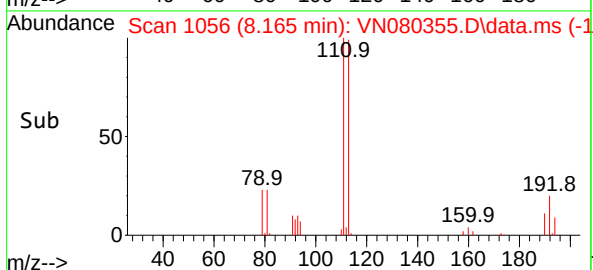
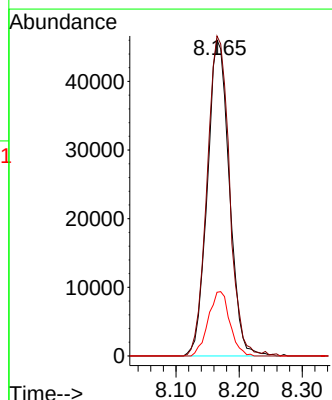
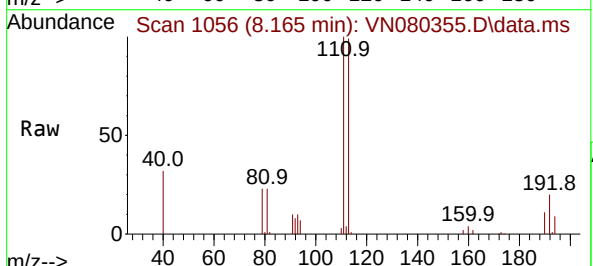
Tgt Ion:113 Resp: 111208

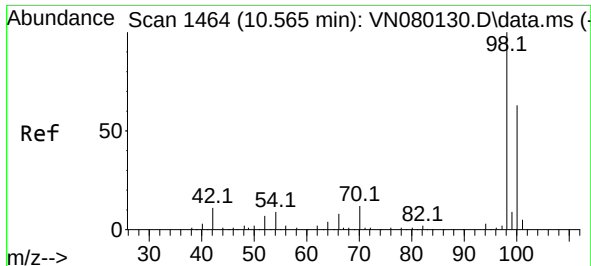
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 20.0 12.7 19.1#

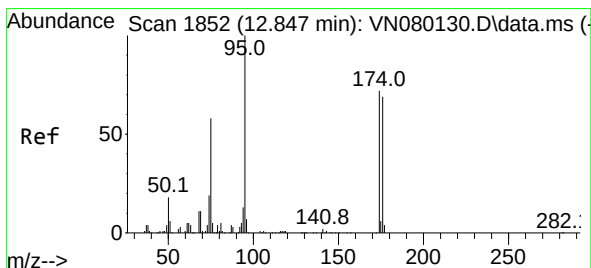
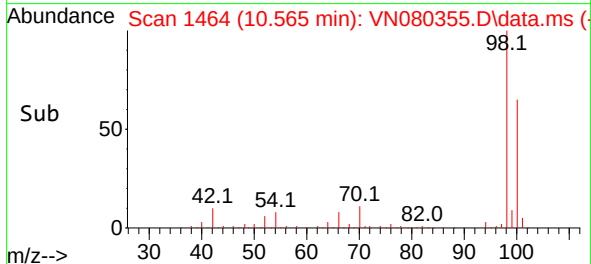
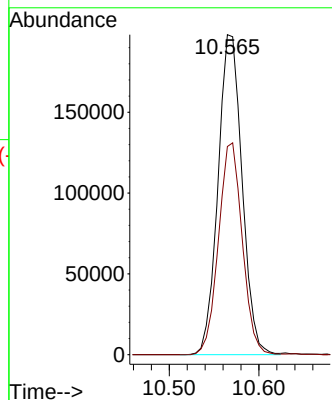
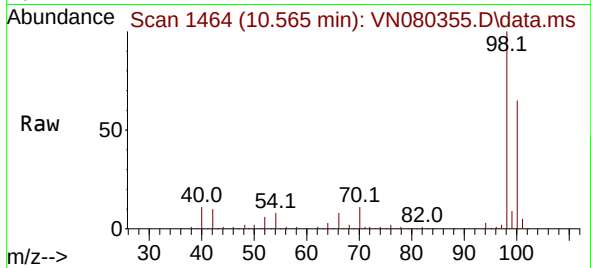




#50
Toluene-d8
Concen: 49.361 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080355.D
Acq: 05 Dec 2023 10:40

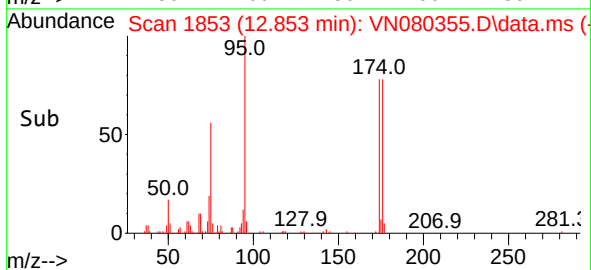
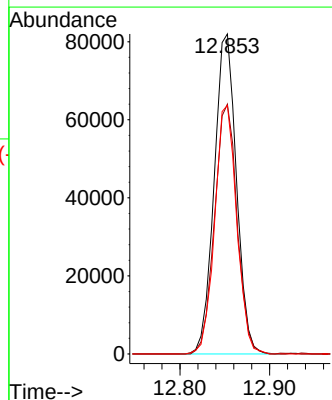
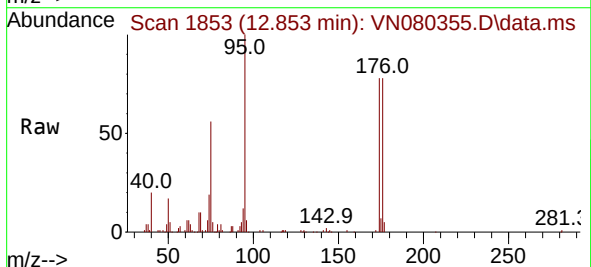
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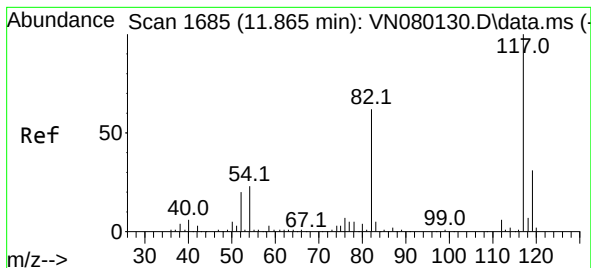
Tgt Ion: 98 Resp: 369100
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.927 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080355.D
Acq: 05 Dec 2023 10:40

Tgt Ion: 95 Resp: 141016
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 76.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080355.D

Acq: 05 Dec 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1205MBL01

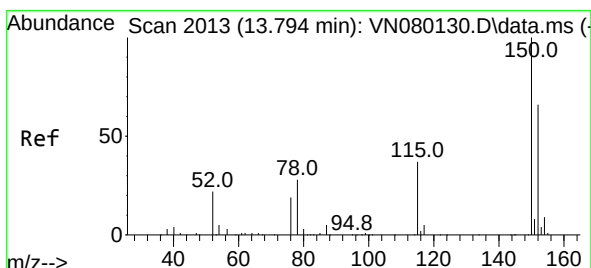
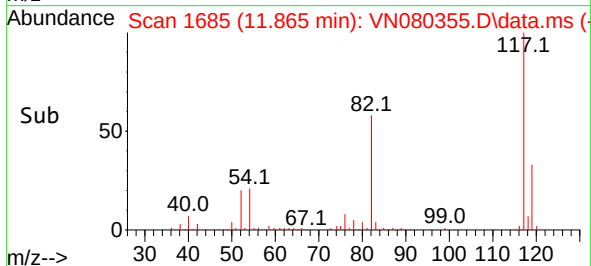
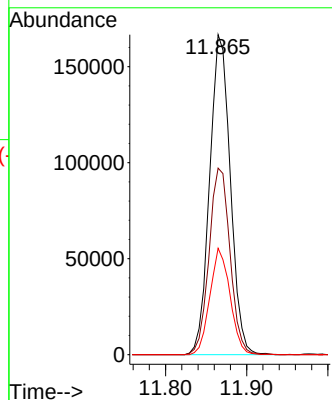
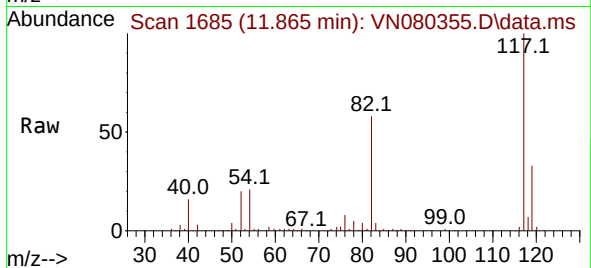
Tgt Ion:117 Resp: 294566

Ion Ratio Lower Upper

117 100

82 58.3 44.0 66.0

119 33.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080355.D

Acq: 05 Dec 2023 10:40

Tgt Ion:152 Resp: 130289

Ion Ratio Lower Upper

152 100

115 64.9 32.3 96.8

150 153.2 0.0 355.8

