

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084358.D
 Acq On : 09 Oct 2024 11:23
 Operator : JC\MD
 Sample : VN1009MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBL01

Quant Time: Oct 10 01:16:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115588	50.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.165	113	91951	51.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	10.565	98	326138	49.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.847	95	101414	42.667	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.340%	

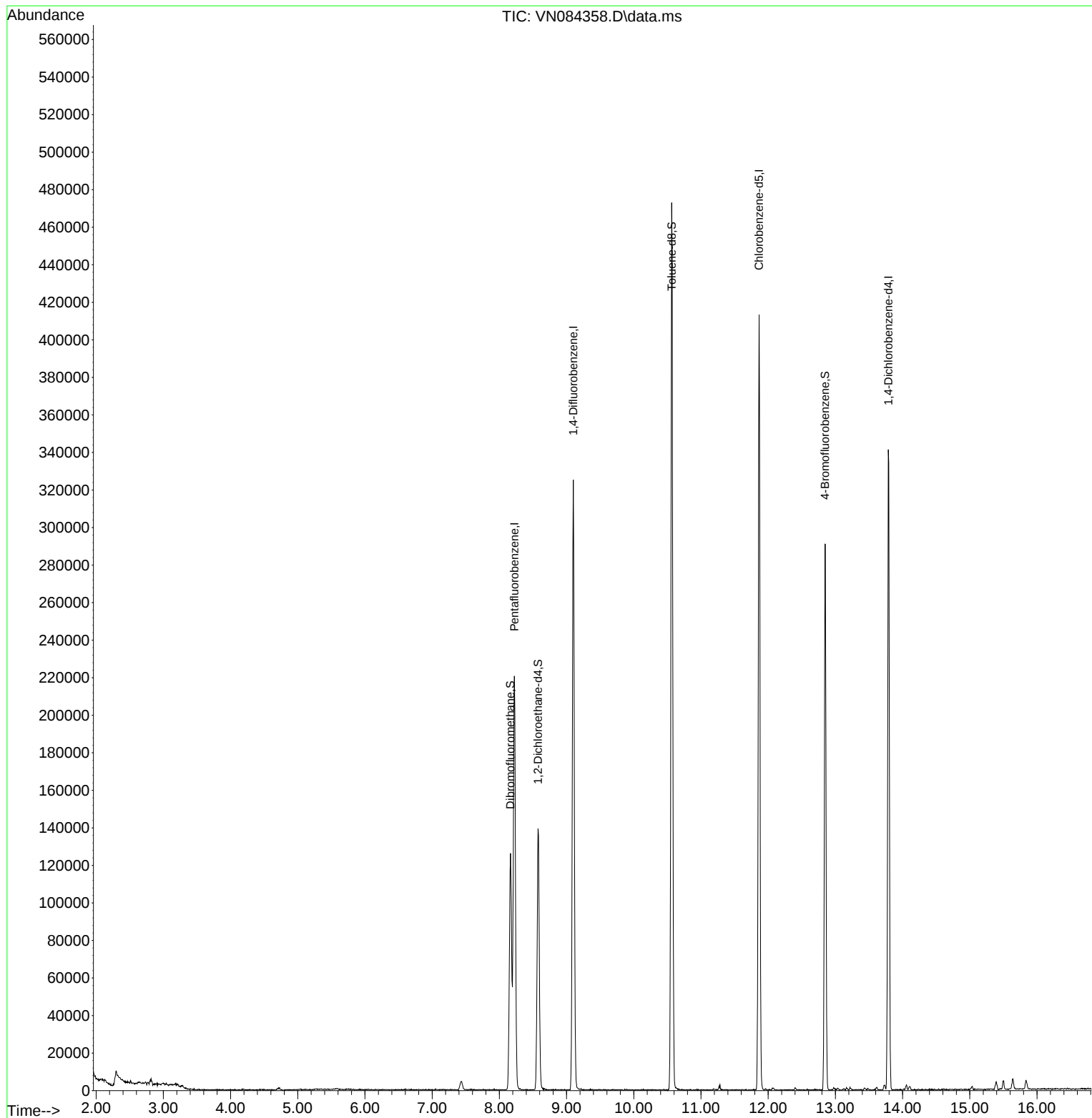
Target Compounds	Qvalue

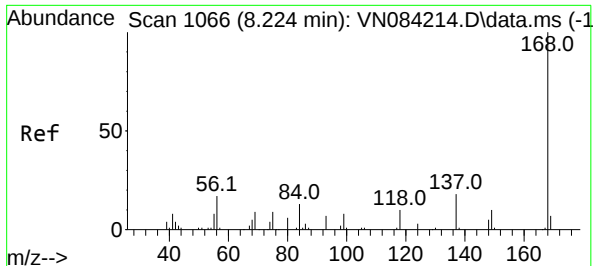
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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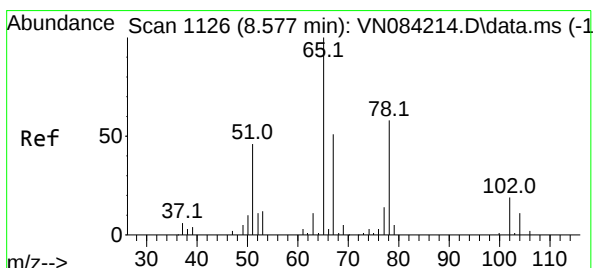
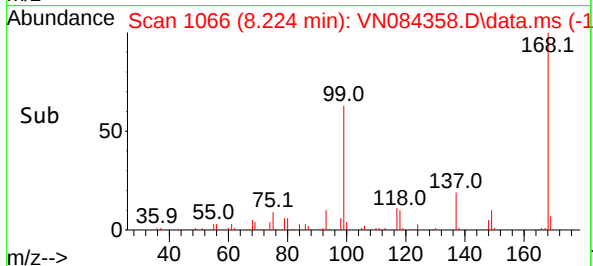
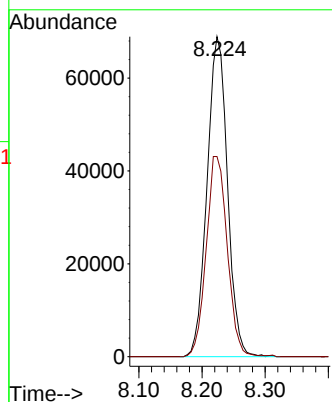
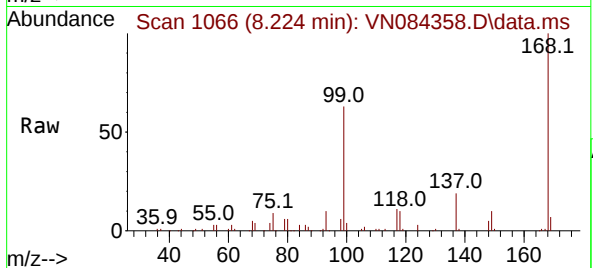




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

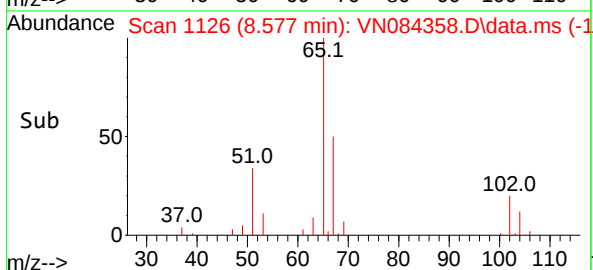
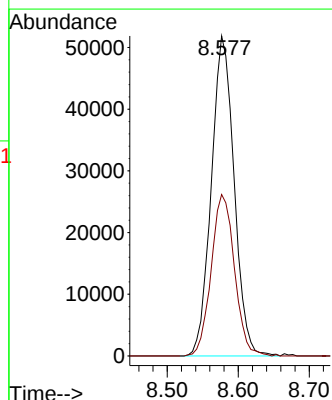
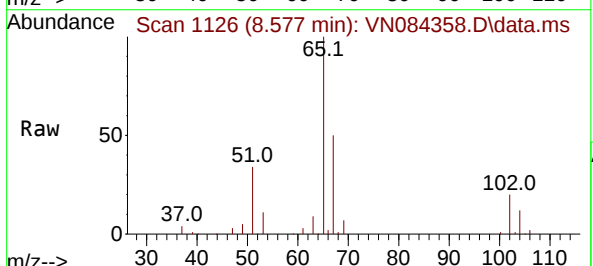
Instrument :
MSVOA_N
ClientSampleId :
VN1009MBL01

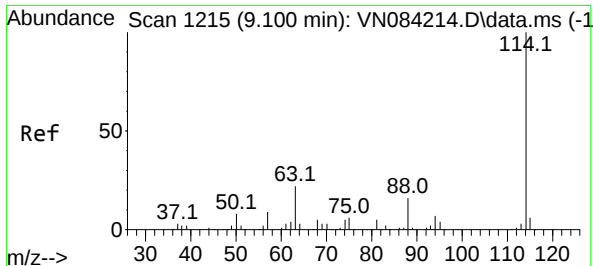
Tgt Ion:168 Resp: 154516
Ion Ratio Lower Upper
168 100
99 62.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.453 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

Tgt Ion: 65 Resp: 115588
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084358.D

Acq: 09 Oct 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBL01

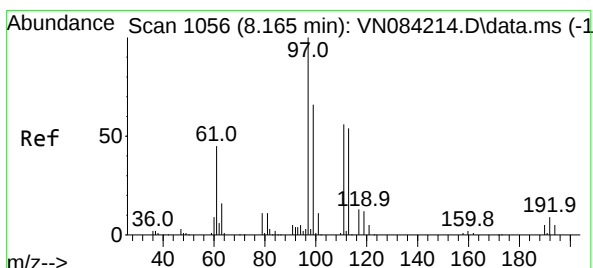
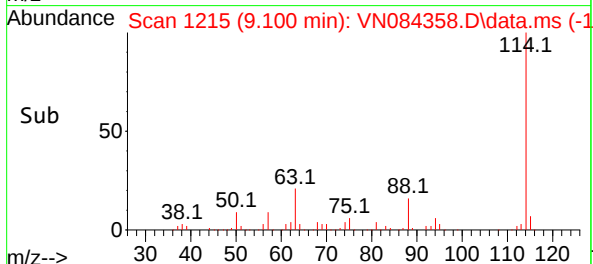
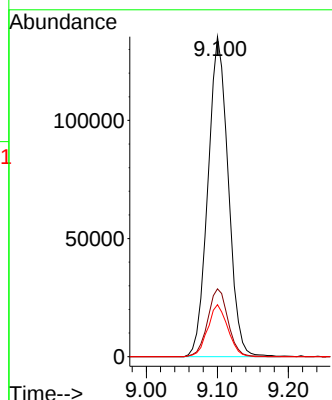
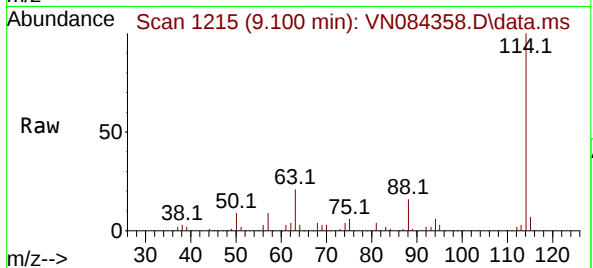
Tgt Ion:114 Resp: 268988

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.852 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084358.D

Acq: 09 Oct 2024 11:23

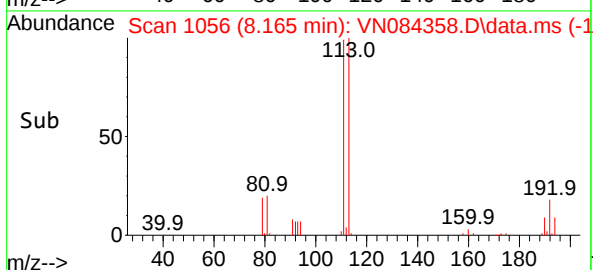
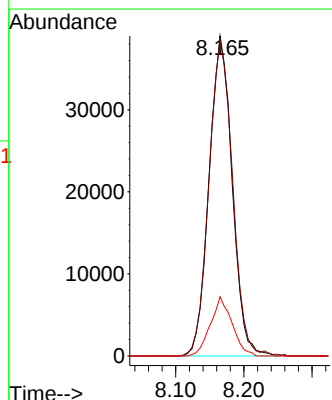
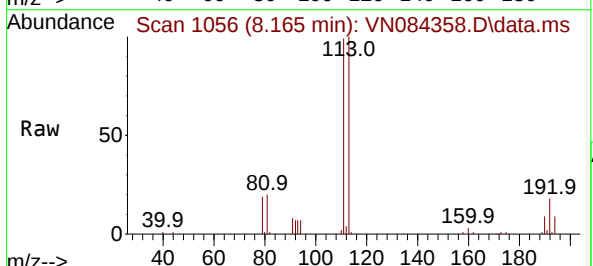
Tgt Ion:113 Resp: 91951

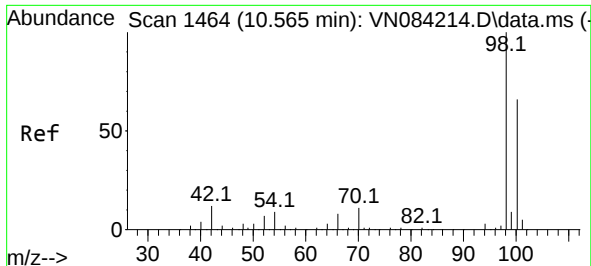
Ion Ratio Lower Upper

113 100

111 101.1 83.3 124.9

192 17.3 13.5 20.3

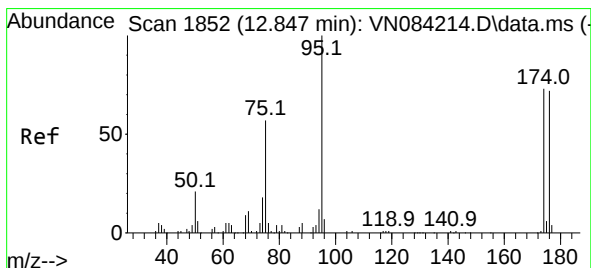
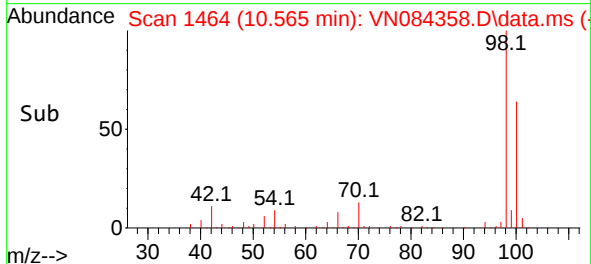
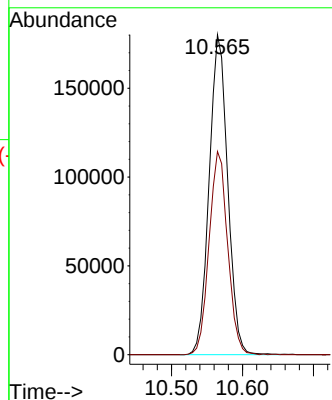
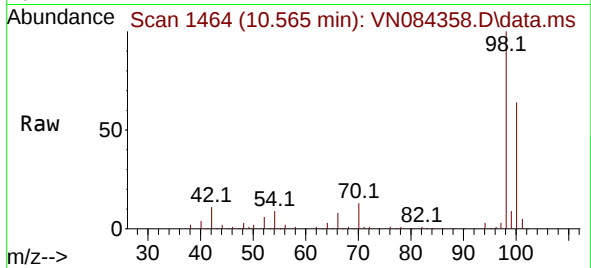




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

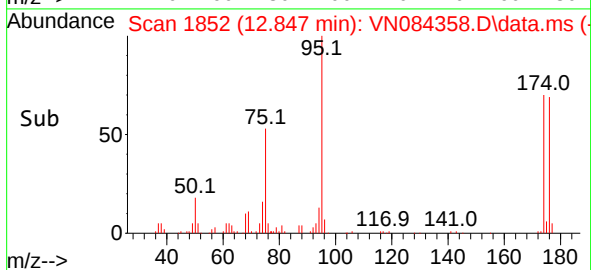
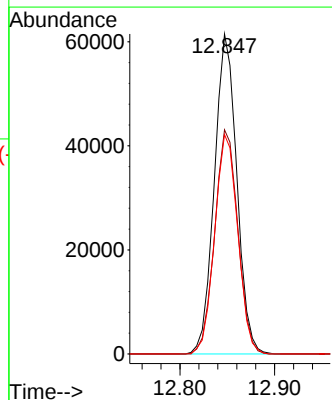
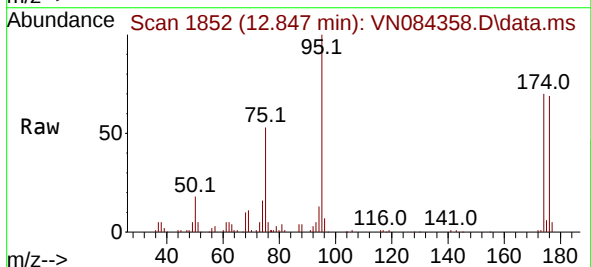
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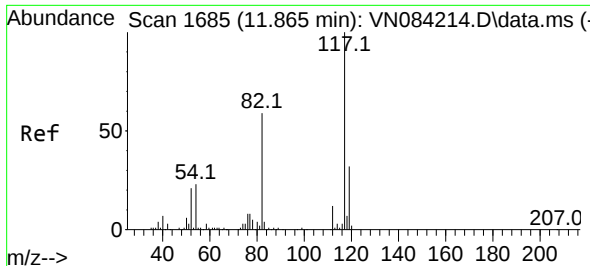
Tgt Ion: 98 Resp: 326138
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.667 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

Tgt Ion: 95 Resp: 101414
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 70.4 0.0 140.0

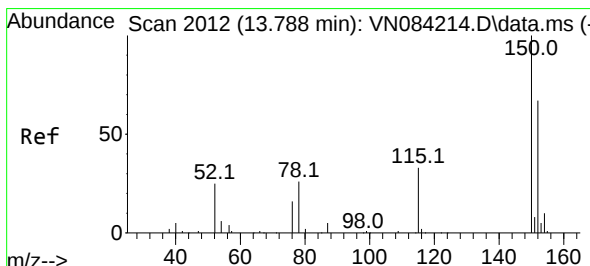
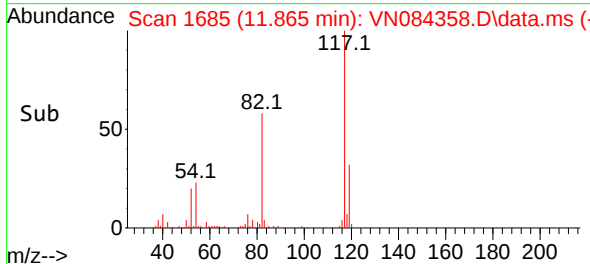
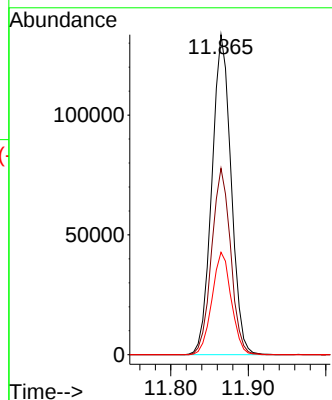
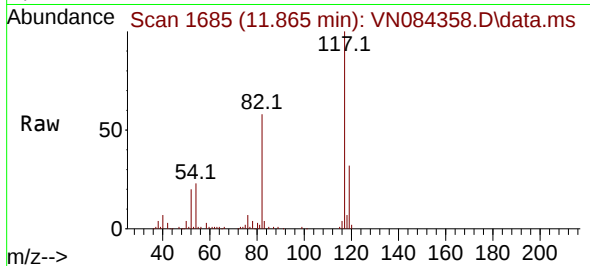




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009MBL01

Tgt Ion:117 Resp: 230134
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084358.D
Acq: 09 Oct 2024 11:23

Tgt Ion:152 Resp: 92397
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.9
150 155.8 0.0 349.8

