

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084359.D
 Acq On : 09 Oct 2024 11:47
 Operator : JC\MD
 Sample : VN1009WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL01

Quant Time: Oct 10 01:16:43 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	167108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122453	49.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.165	113	96838	50.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.760%
50) Toluene-d8	10.565	98	345623	49.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	109637	42.982	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.960%

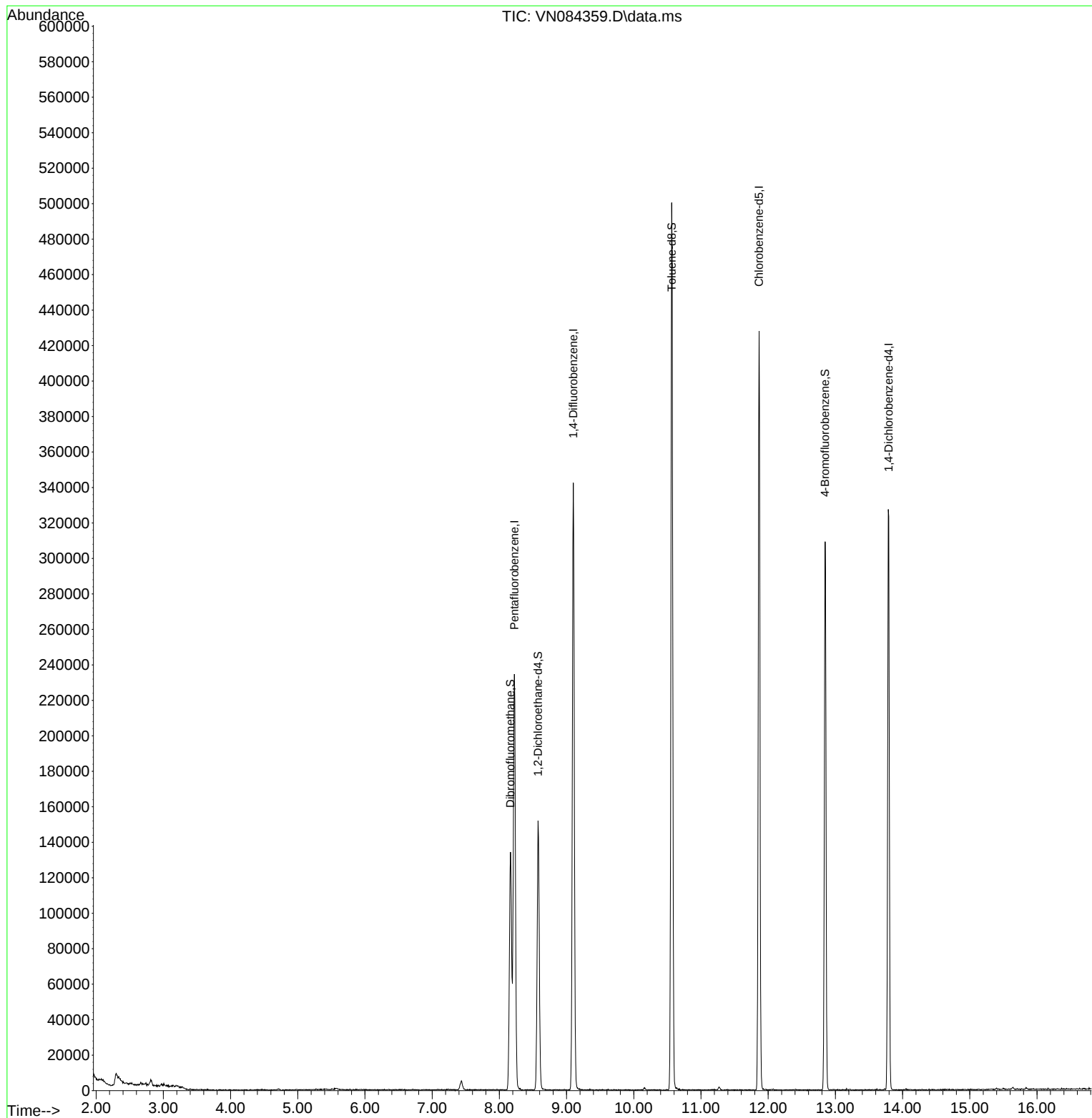
Target Compounds	Qvalue

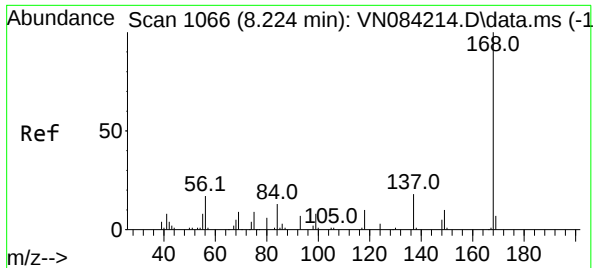
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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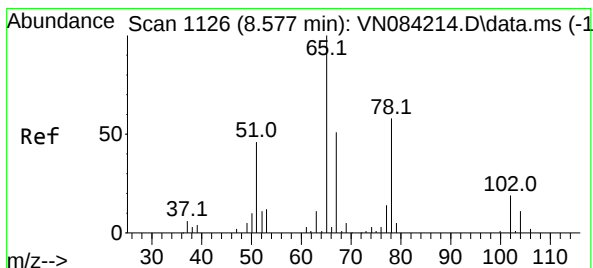
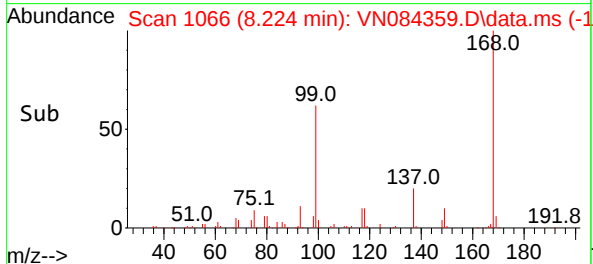
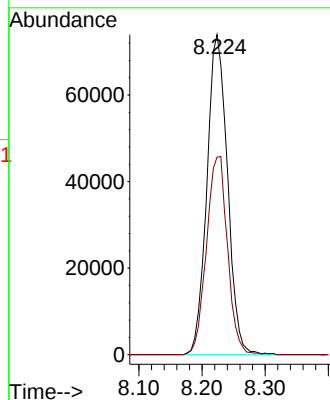
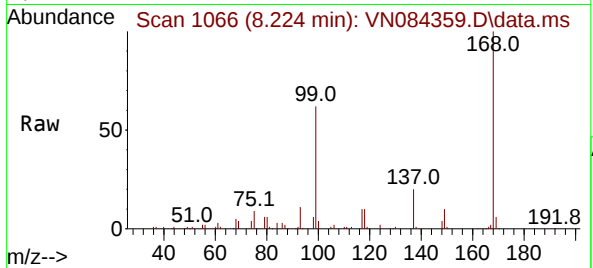




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

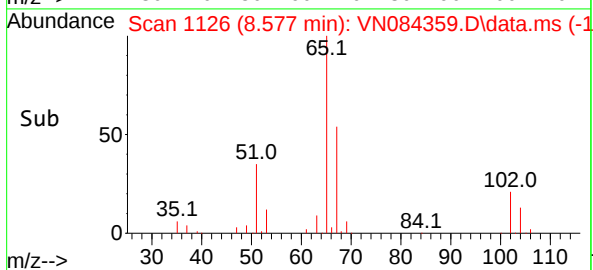
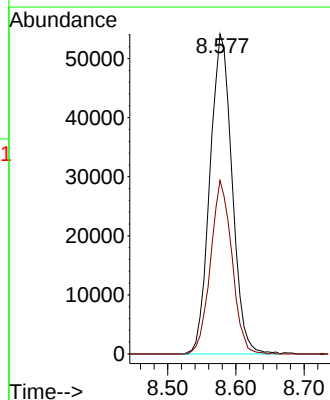
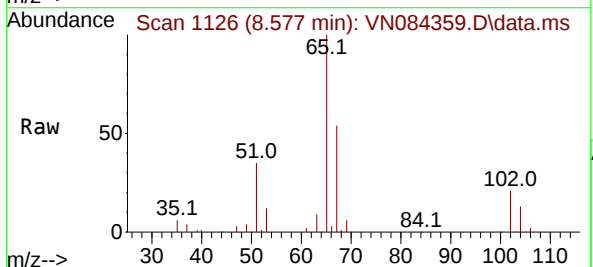
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBL01

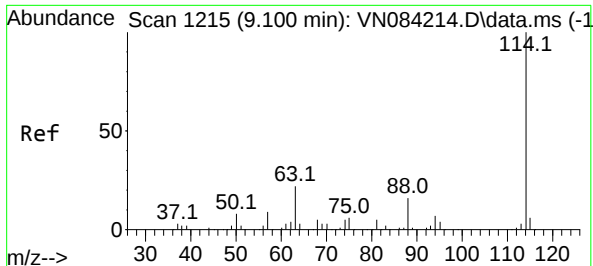
Tgt Ion:168 Resp: 167108
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.422 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

Tgt Ion: 65 Resp: 122453
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084359.D

Acq: 09 Oct 2024 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL01

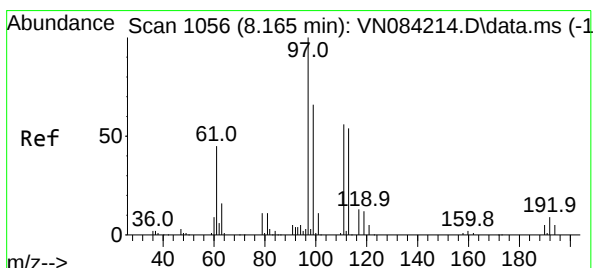
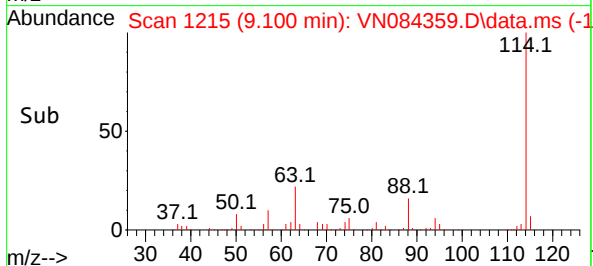
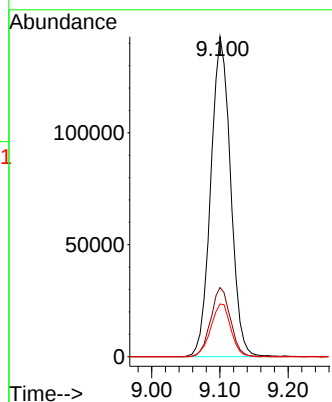
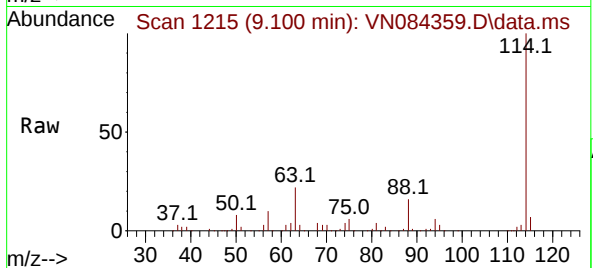
Tgt Ion:114 Resp: 288670

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 16.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.885 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084359.D

Acq: 09 Oct 2024 11:47

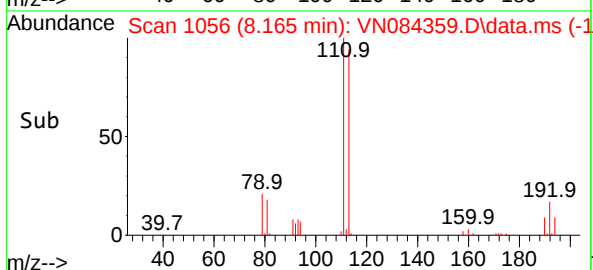
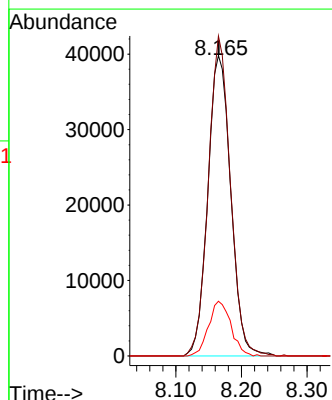
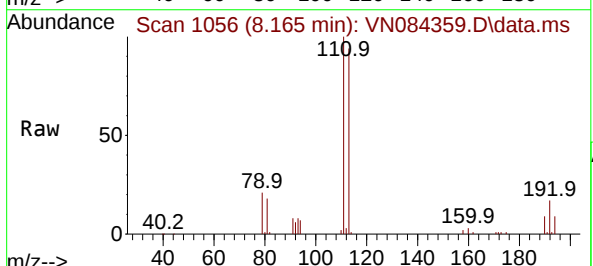
Tgt Ion:113 Resp: 96838

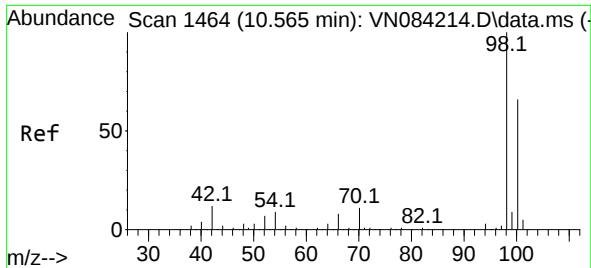
Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

192 17.8 13.5 20.3

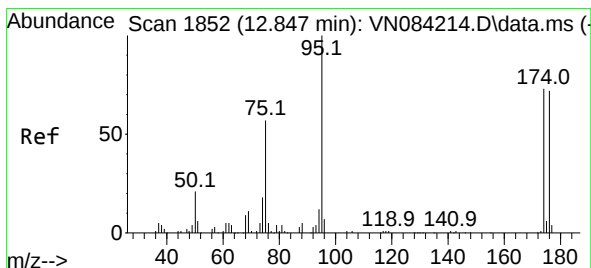
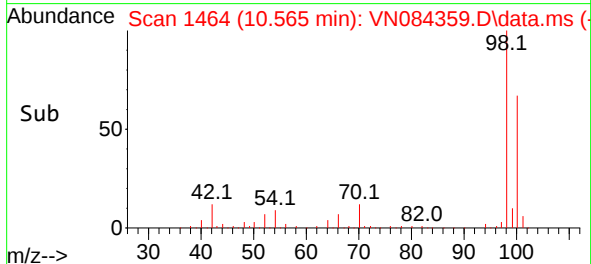
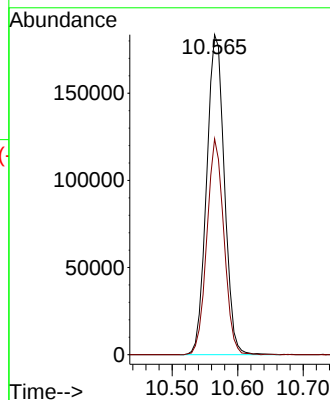
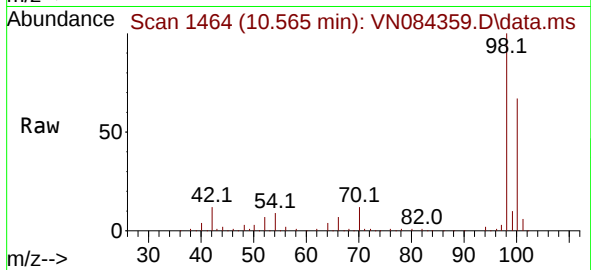




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

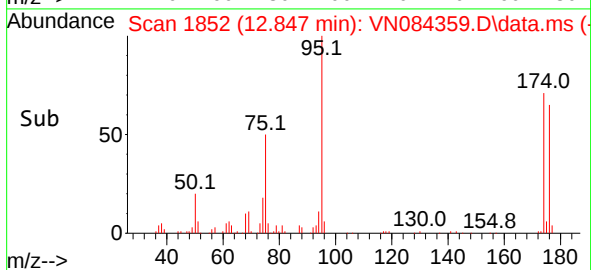
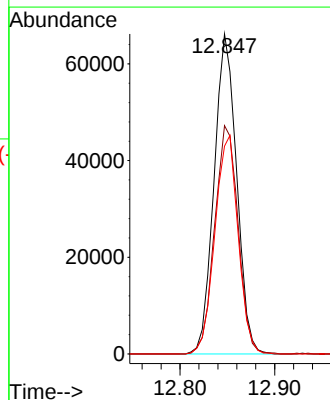
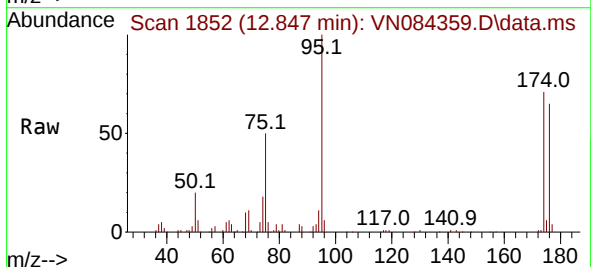
Instrument :
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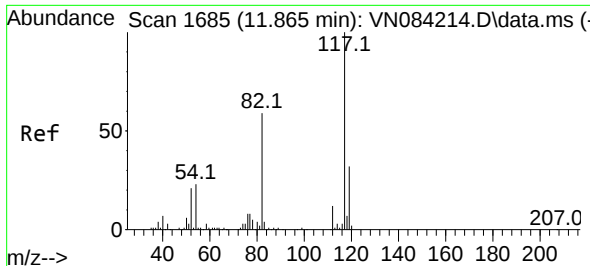
Tgt Ion: 98 Resp: 345623
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.982 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

Tgt Ion: 95 Resp: 109637
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 70.4 0.0 140.0

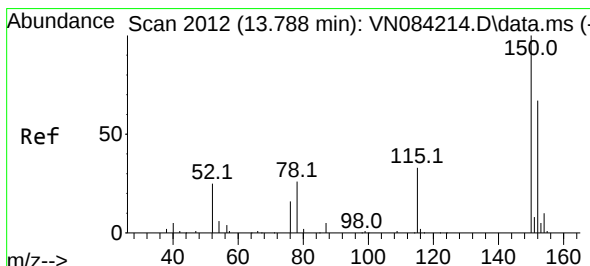
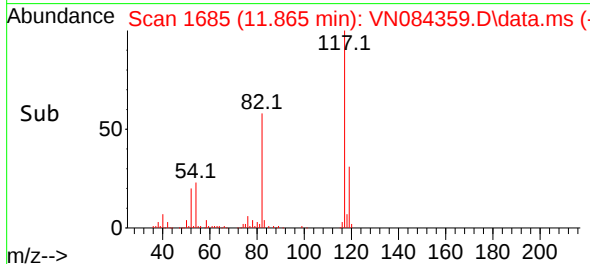
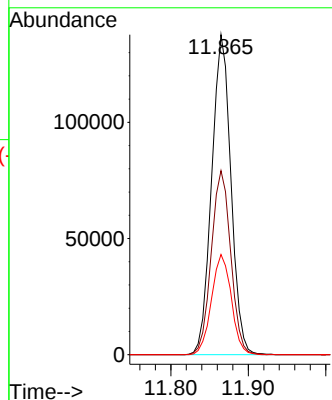
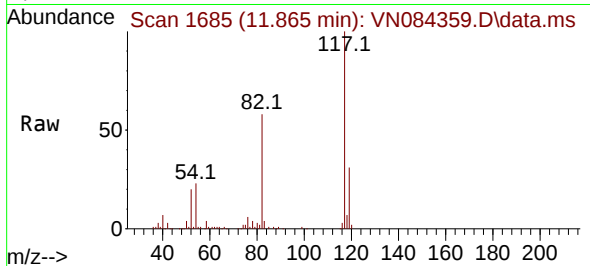




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBL01

Tgt Ion:117 Resp: 237723
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084359.D
Acq: 09 Oct 2024 11:47

Tgt Ion:152 Resp: 87262
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.9
150 161.7 0.0 349.8

