

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084392.D
 Acq On : 11 Oct 2024 10:21
 Operator : JC\MD
 Sample : VN1011MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011MBL01

Quant Time: Oct 14 02:03:02 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	156491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113281	48.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	91340	50.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.140%
50) Toluene-d8	10.565	98	324769	48.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.847	95	104106	43.000	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.000%

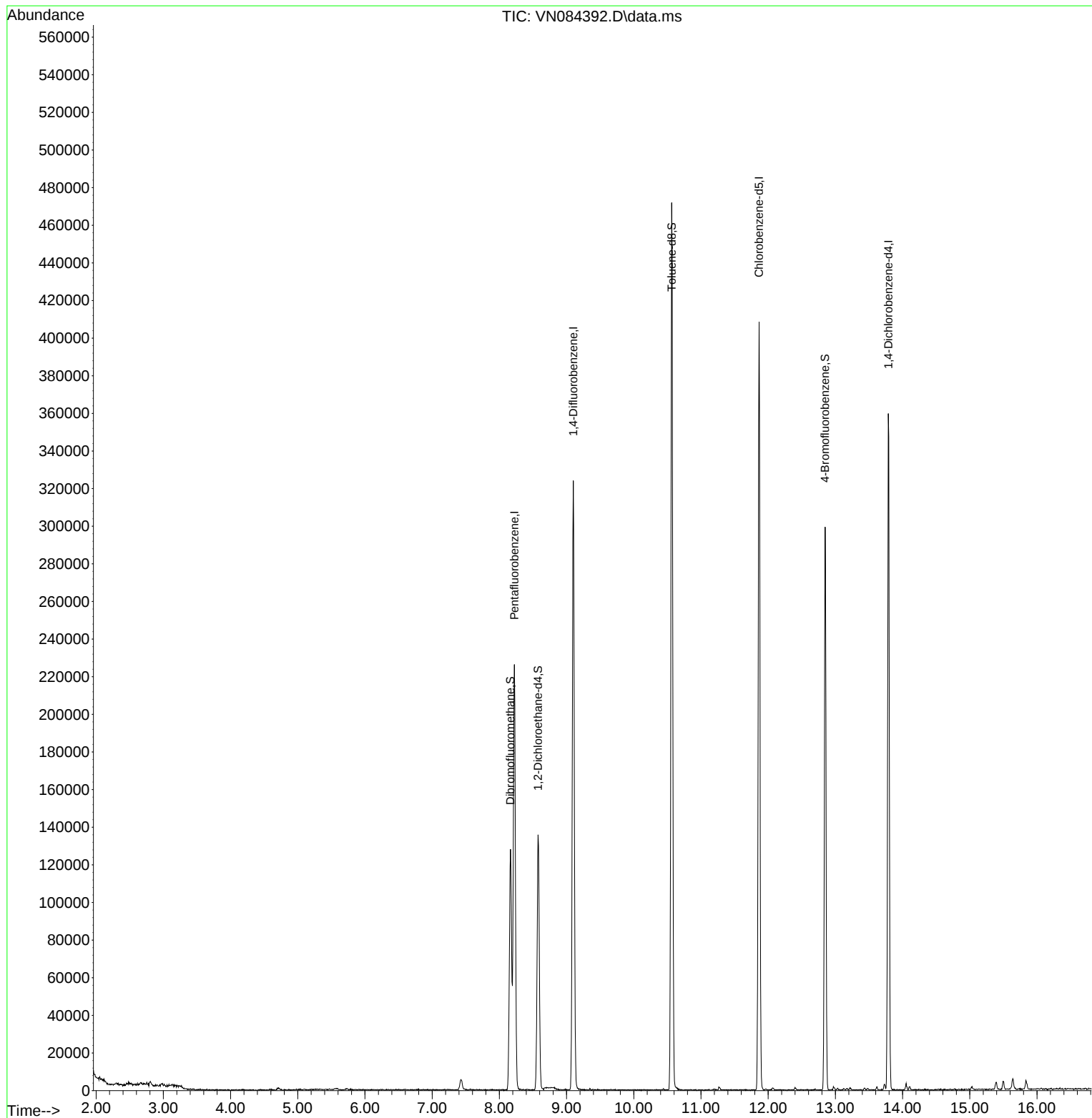
Target Compounds	Qvalue

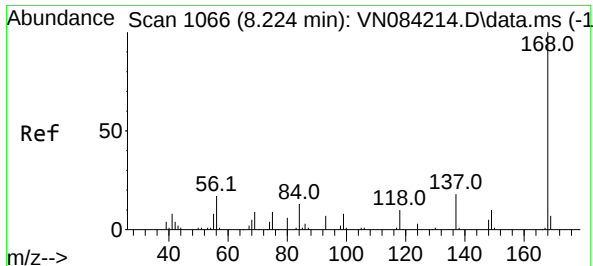
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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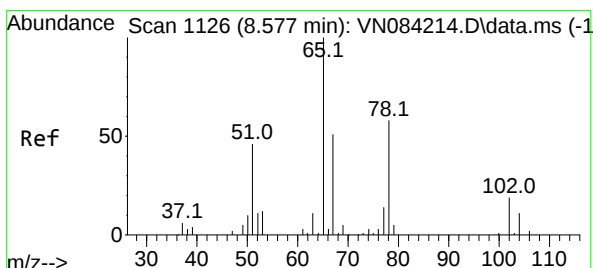
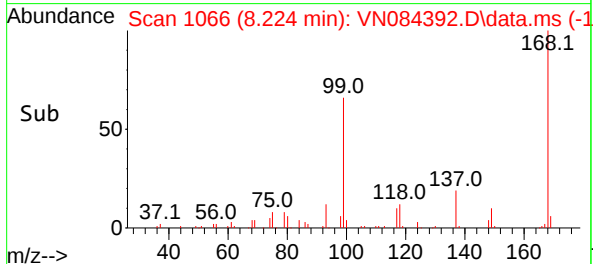
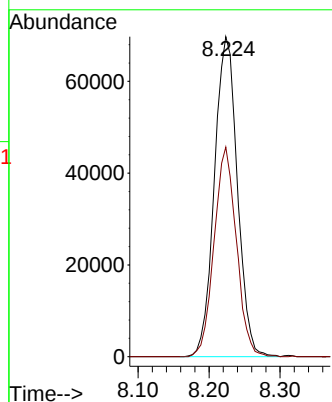
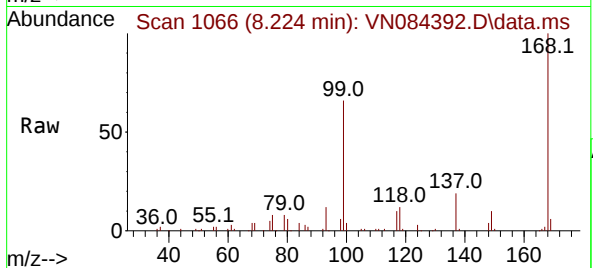




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

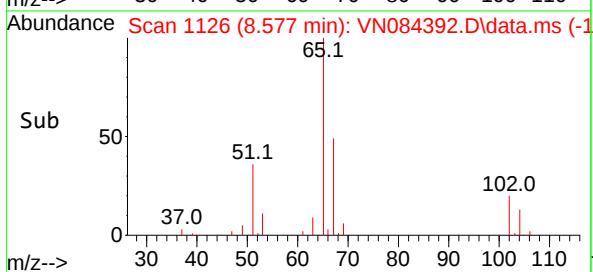
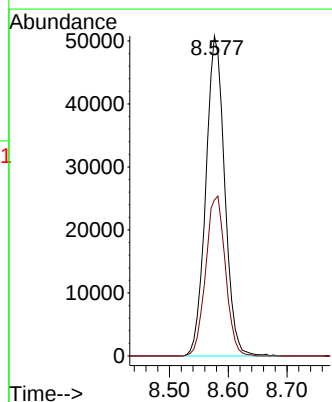
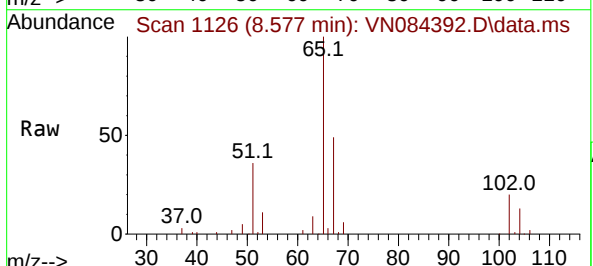
Instrument :
MSVOA_N
ClientSampleId :
VN1011MBL01

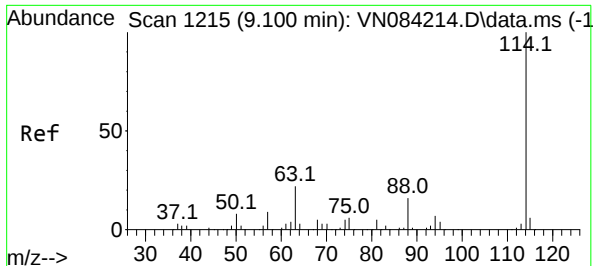
Tgt Ion:168 Resp: 156491
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.822 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 65 Resp: 113281
Ion Ratio Lower Upper
65 100
67 52.1 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: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1011MBL01

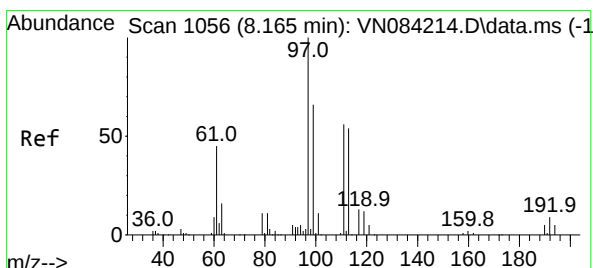
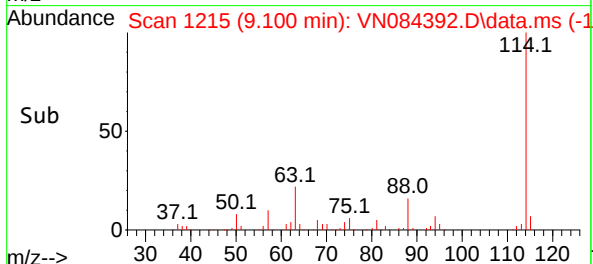
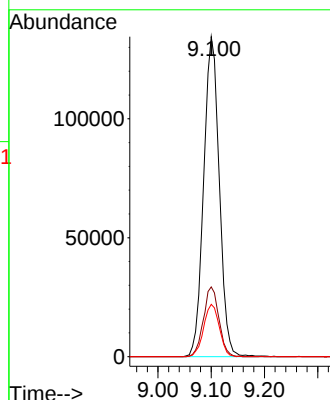
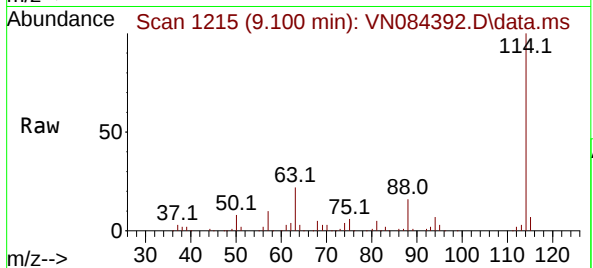
Tgt Ion:114 Resp: 273991

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.567 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

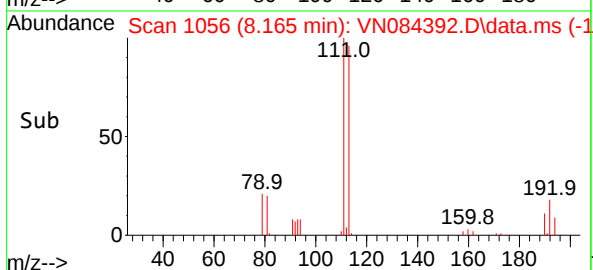
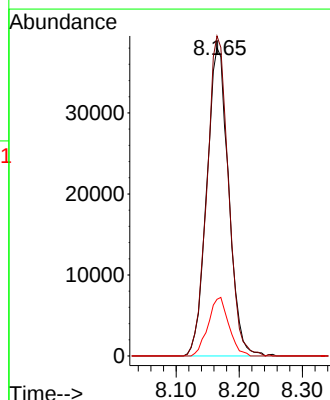
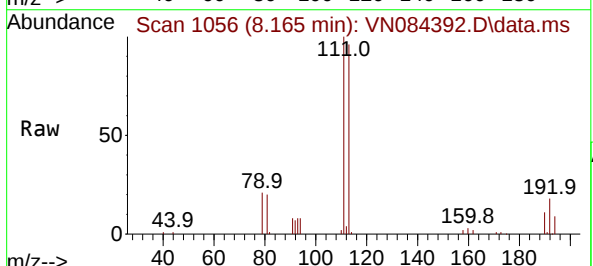
Tgt Ion:113 Resp: 91340

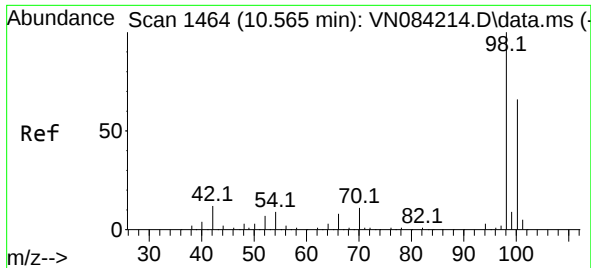
Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 17.9 13.5 20.3

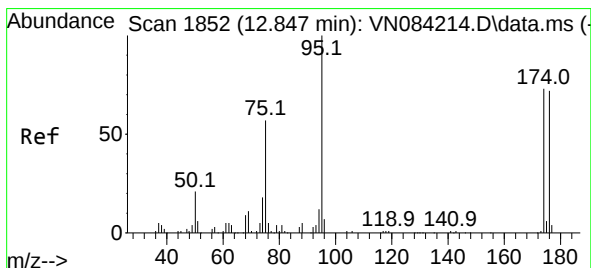
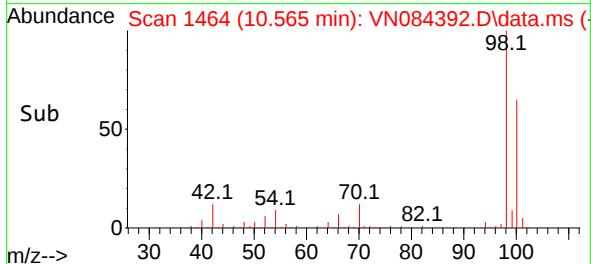
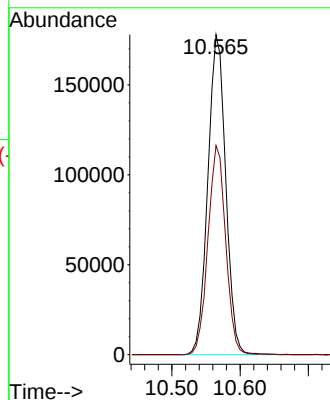
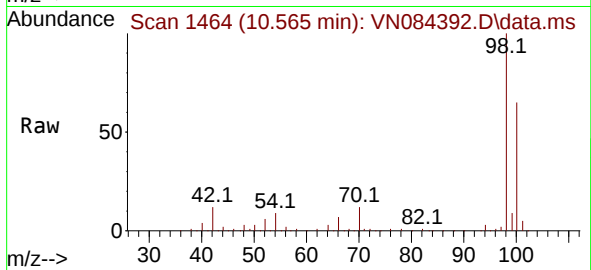




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

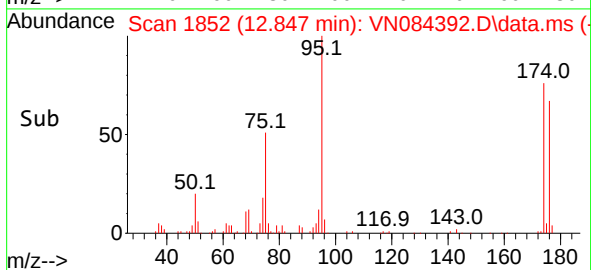
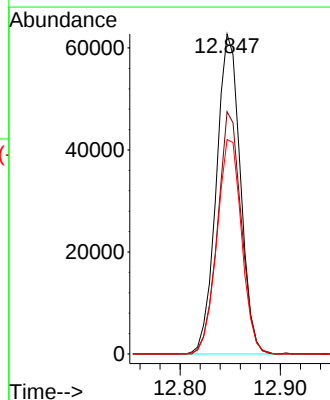
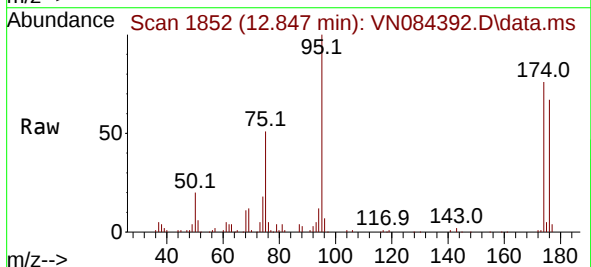
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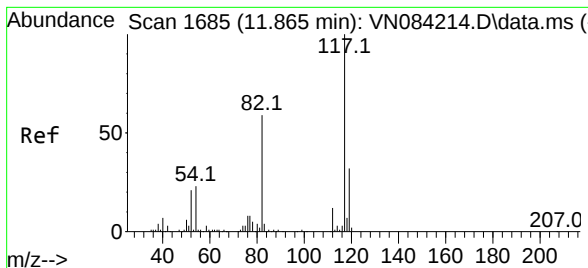
Tgt Ion: 98 Resp: 324769
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 95 Resp: 104106
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 69.2 0.0 140.0

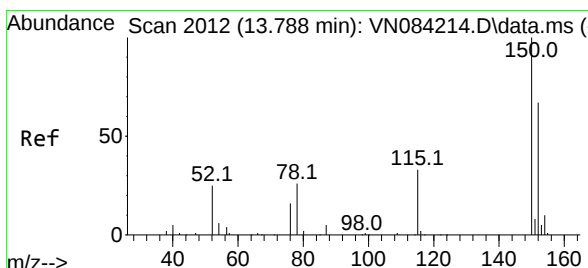
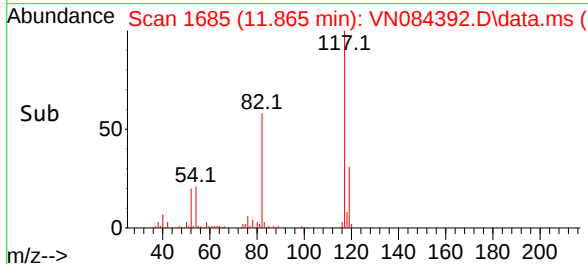
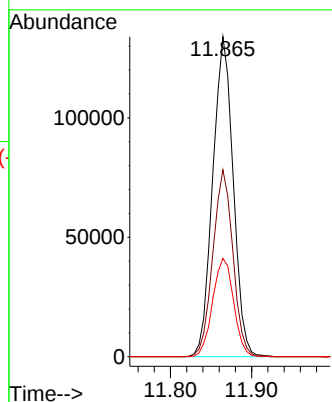
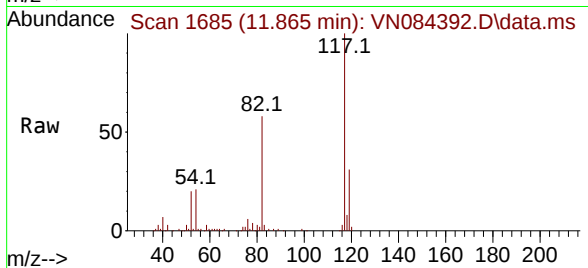




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1011MBL01

Tgt Ion:117 Resp: 234630
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 30.7 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: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion:152 Resp: 94529
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 159.6 0.0 349.8

