

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084432.D
 Acq On : 21 Oct 2024 13:24
 Operator : JC\MD
 Sample : P4417-04
 Misc : 5.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HOPPER-B-SOLID

Quant Time: Oct 21 13:42:39 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	8.218	168	161210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	111357	46.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	8.165	113	90135	50.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	10.565	98	322663	49.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.847	95	102397	42.751	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.500%

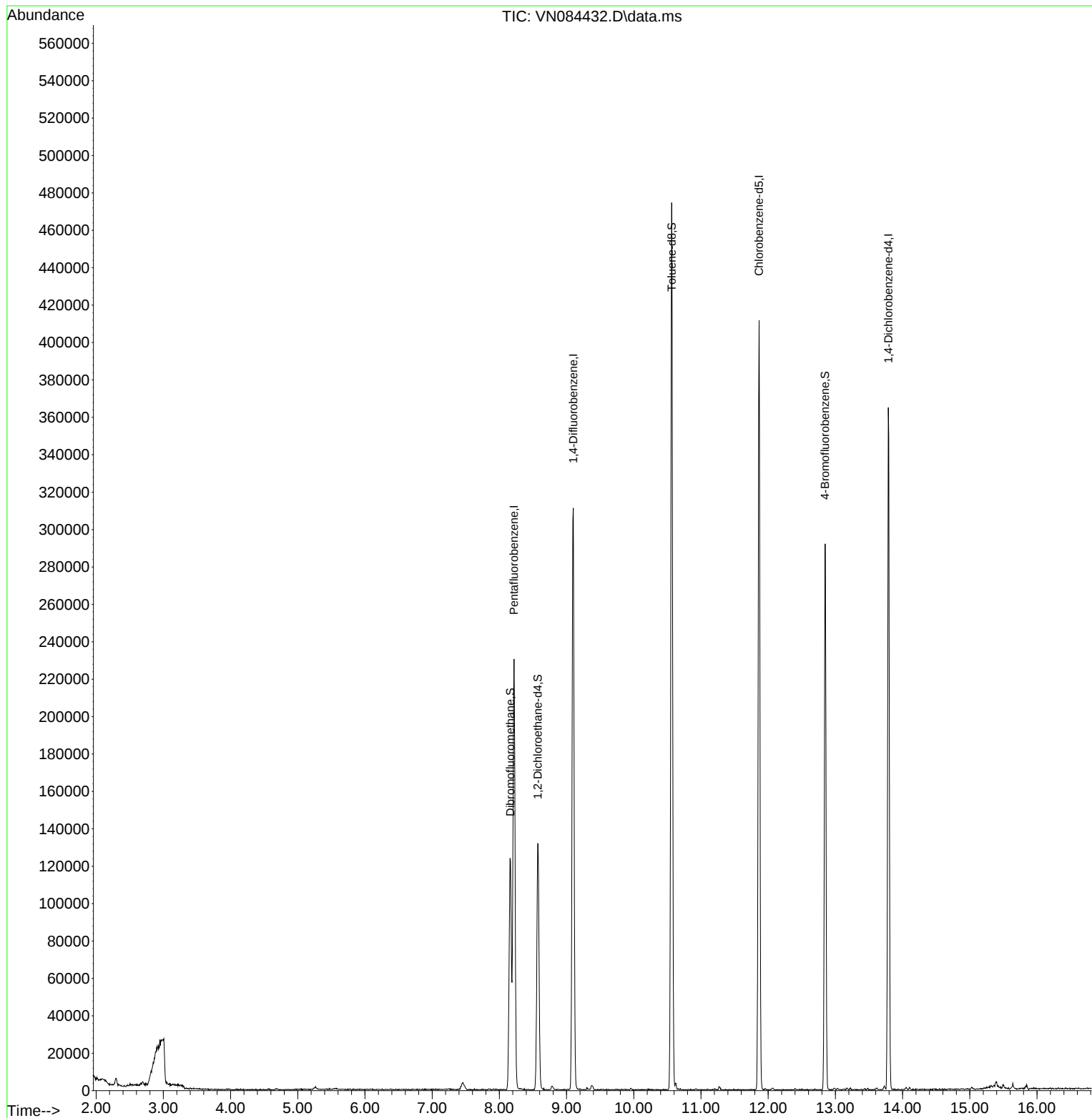
Target Compounds	Qvalue

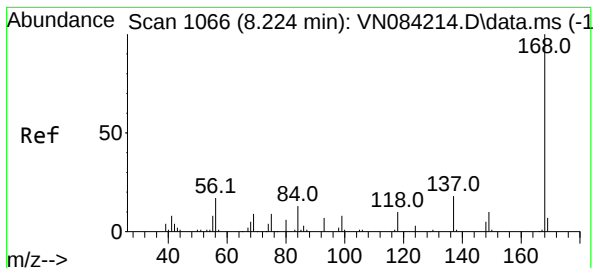
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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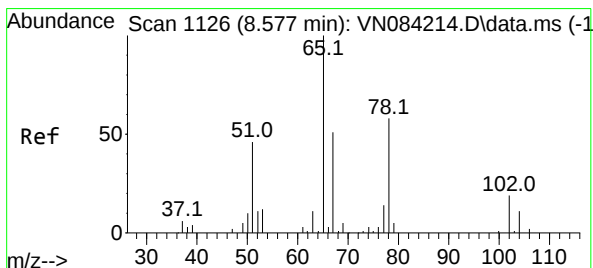
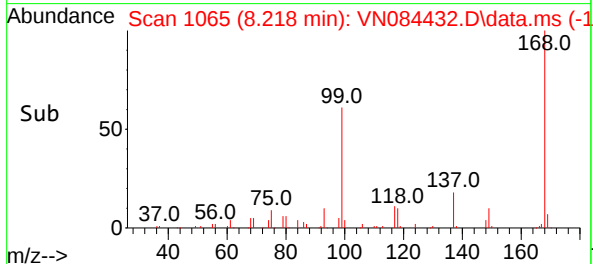
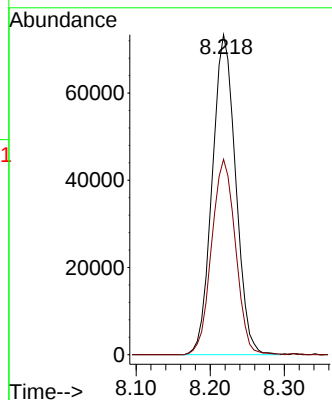
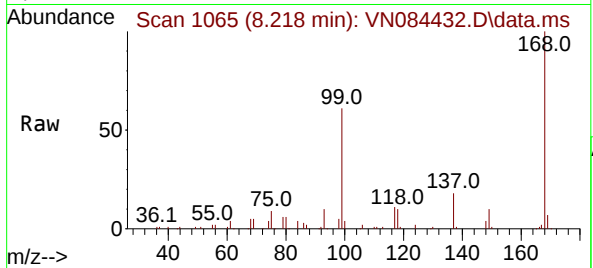




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084432.D
Acq: 21 Oct 2024 13:24

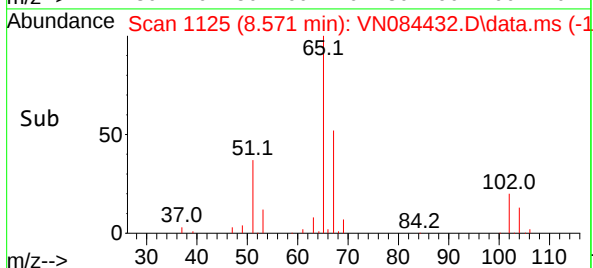
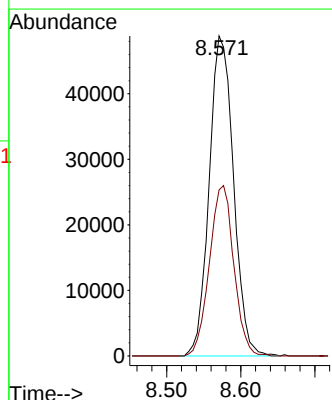
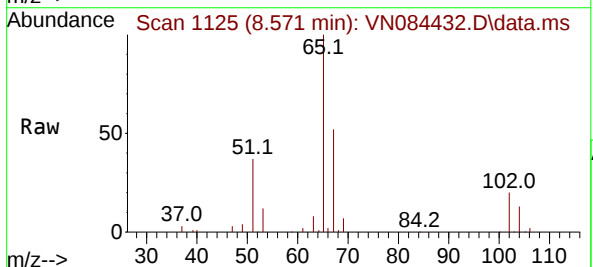
Instrument :
MSVOA_N
ClientSampleId :
HOPPER-B-SOLID

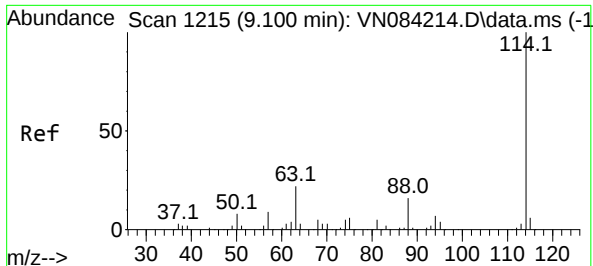
Tgt Ion:168 Resp: 161210
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 46.588 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084432.D
Acq: 21 Oct 2024 13:24

Tgt Ion: 65 Resp: 111357
Ion Ratio Lower Upper
65 100
67 53.3 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: VN084432.D

Acq: 21 Oct 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

HOPPER-B-SOLID

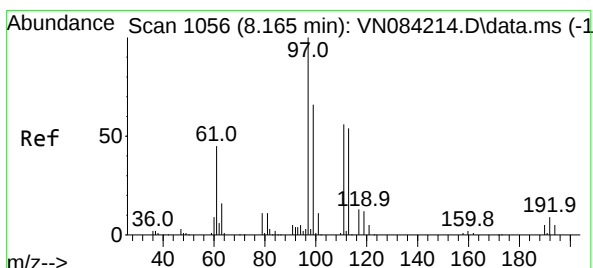
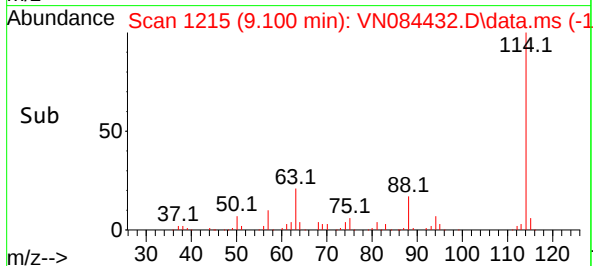
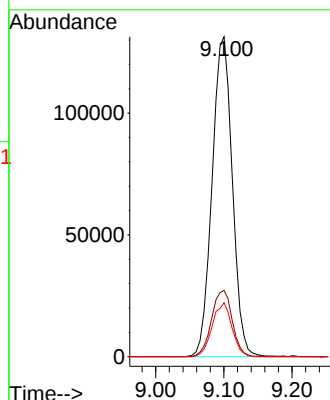
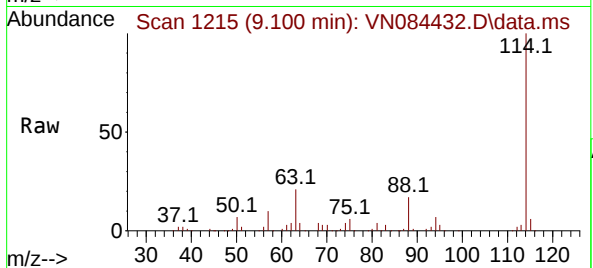
Tgt Ion:114 Resp: 271065

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 16.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.438 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084432.D

Acq: 21 Oct 2024 13:24

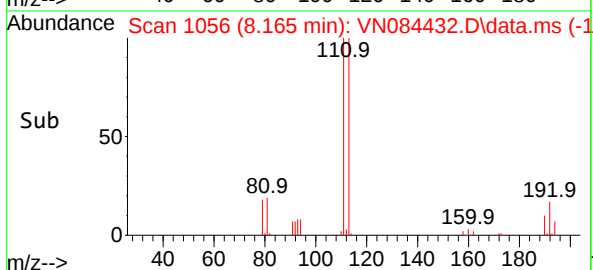
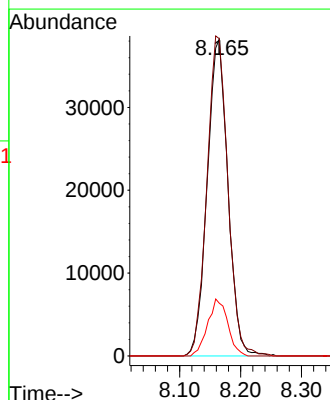
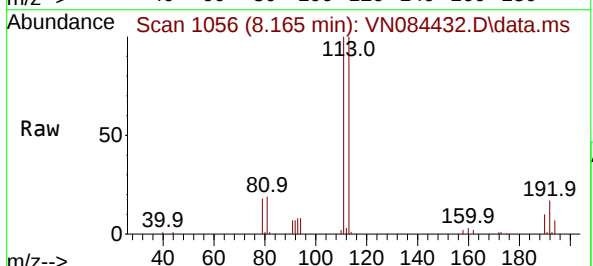
Tgt Ion:113 Resp: 90135

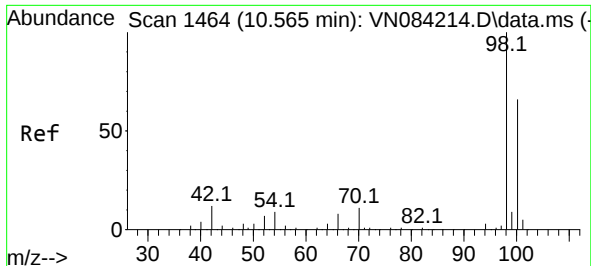
Ion Ratio Lower Upper

113 100

111 102.3 83.3 124.9

192 17.5 13.5 20.3

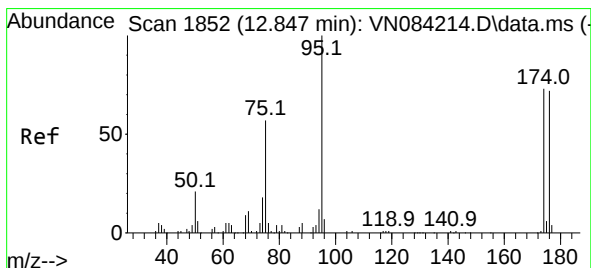
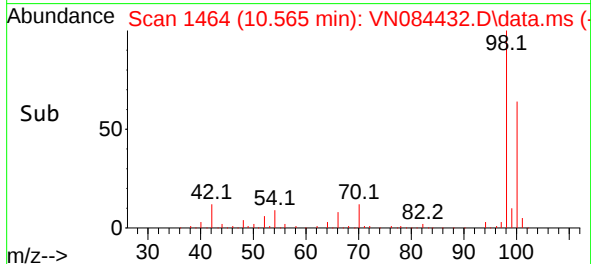
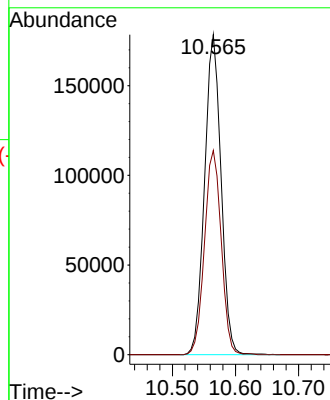
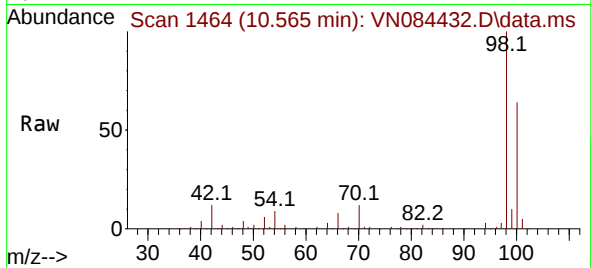




#50
Toluene-d8
Concen: 49.077 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084432.D
Acq: 21 Oct 2024 13:24

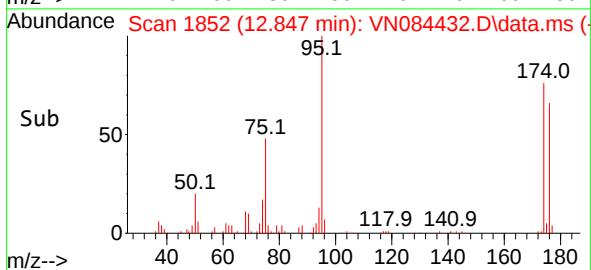
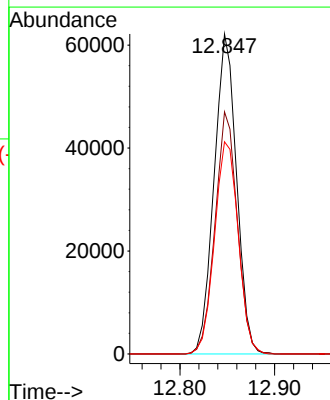
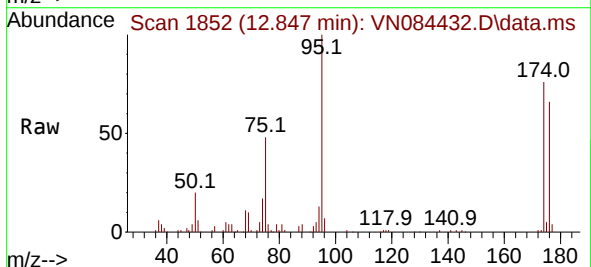
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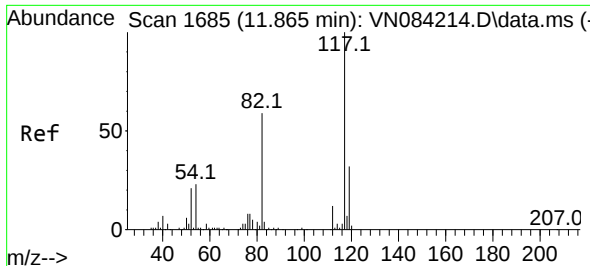
Tgt Ion: 98 Resp: 322663
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084432.D
Acq: 21 Oct 2024 13:24

Tgt Ion: 95 Resp: 102397
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.2
176 70.0 0.0 140.0

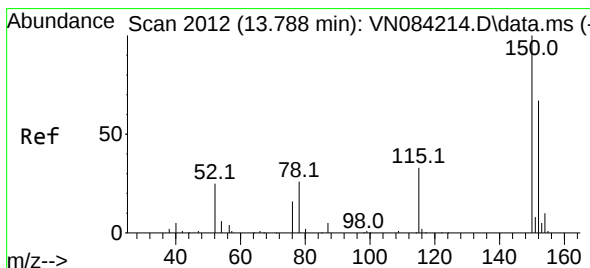
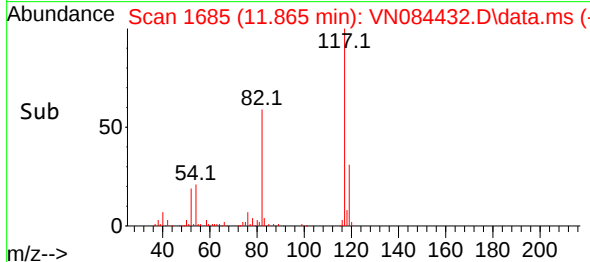
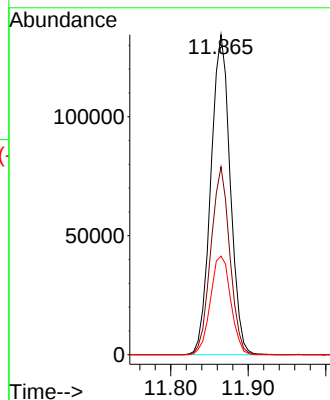
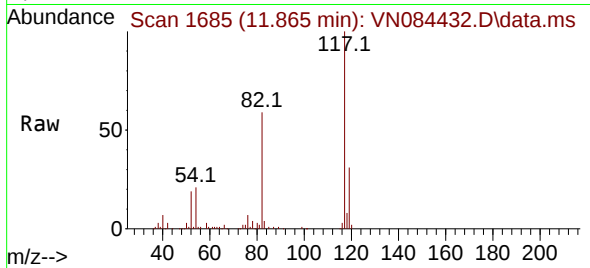




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084432.D
Acq: 21 Oct 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
HOPPER-B-SOLID

Tgt Ion:117 Resp: 233198
Ion Ratio Lower Upper
117 100
82 58.7 47.2 70.8
119 30.8 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: VN084432.D
Acq: 21 Oct 2024 13:24

Tgt Ion:152 Resp: 97110
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 155.2 0.0 349.8

