

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084457.D
 Acq On : 22 Oct 2024 16:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 23 01:30:16 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	8.230	168	168650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119470	47.777	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.560%
35) Dibromofluoromethane	8.165	113	96261	50.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	10.565	98	347460	49.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.847	95	116070	45.811	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.620%

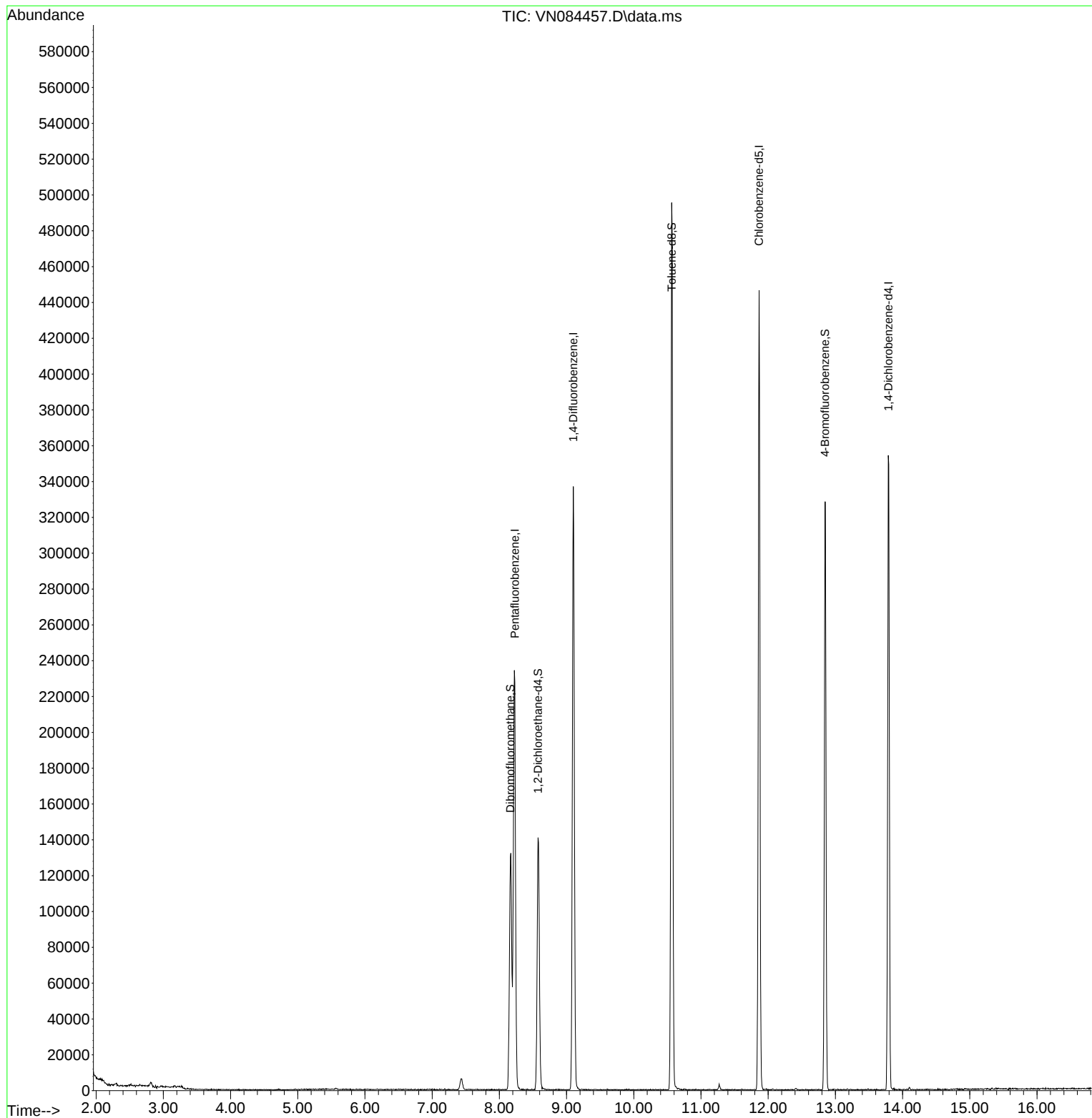
Target Compounds	Qvalue

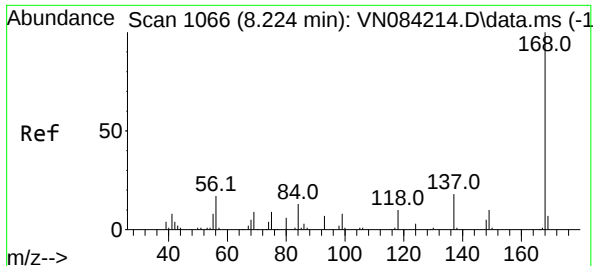
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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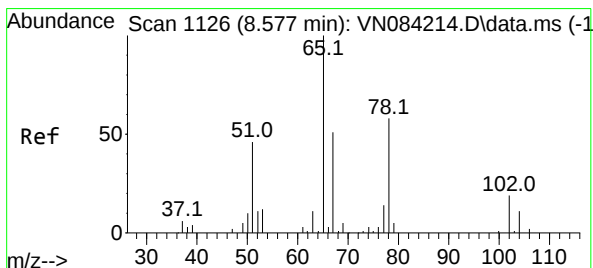
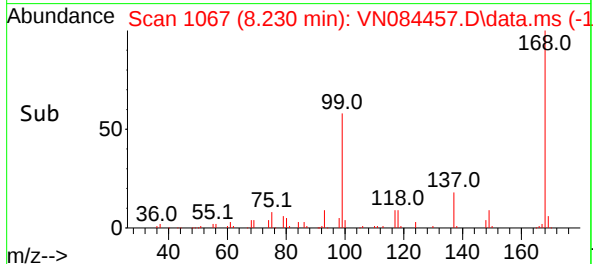
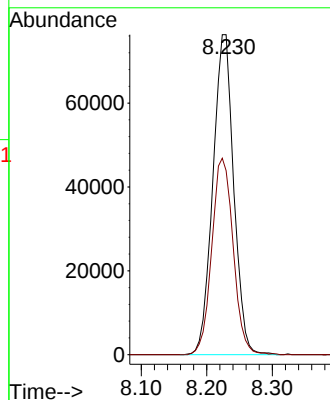
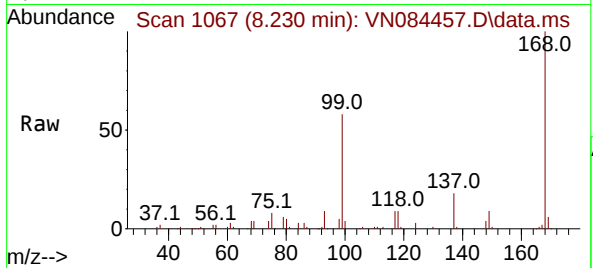




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

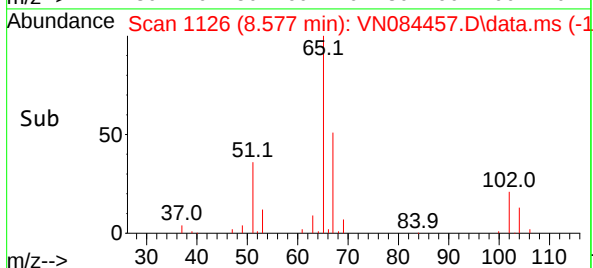
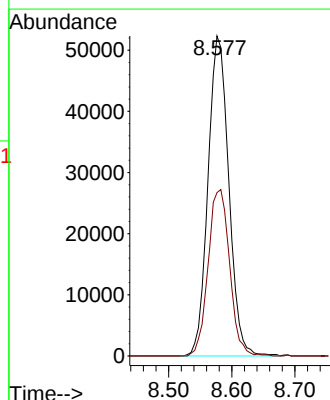
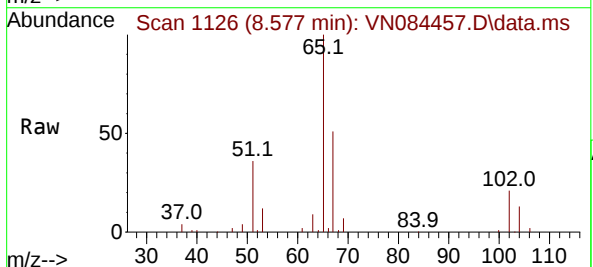
Instrument :
MSVOA_N
ClientSampleId :
IBLK

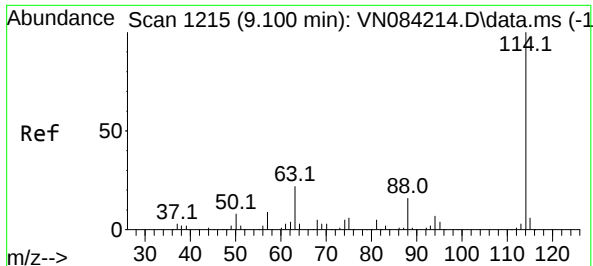
Tgt Ion:168 Resp: 168650
Ion Ratio Lower Upper
168 100
99 57.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.777 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 65 Resp: 119470
Ion Ratio Lower Upper
65 100
67 53.9 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: VN084457.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

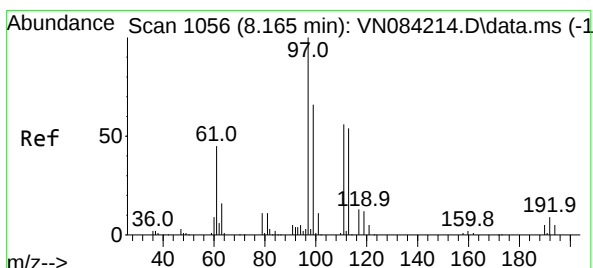
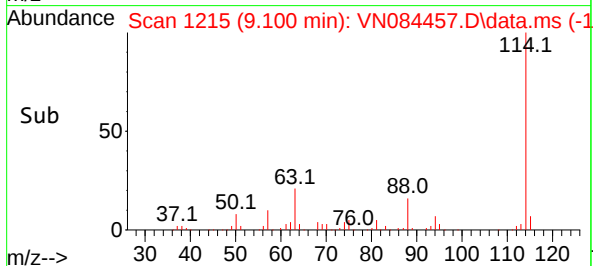
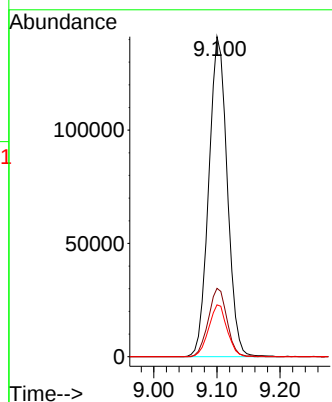
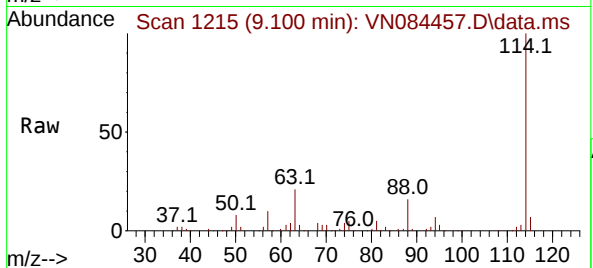
Tgt Ion:114 Resp: 286733

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

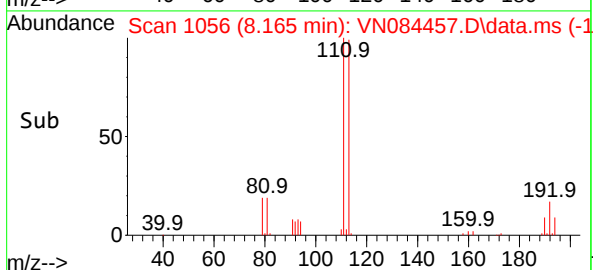
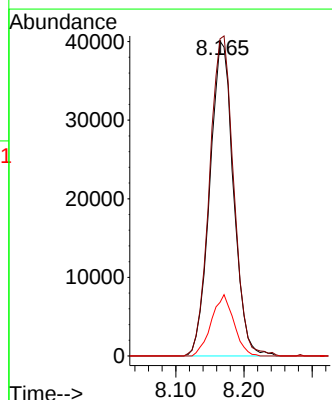
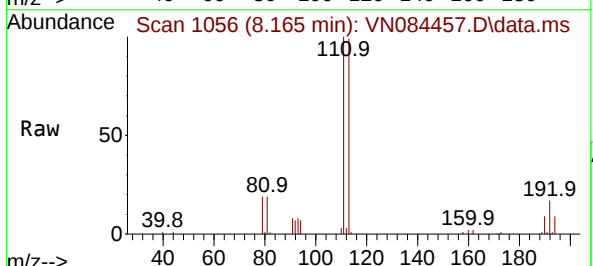
Tgt Ion:113 Resp: 96261

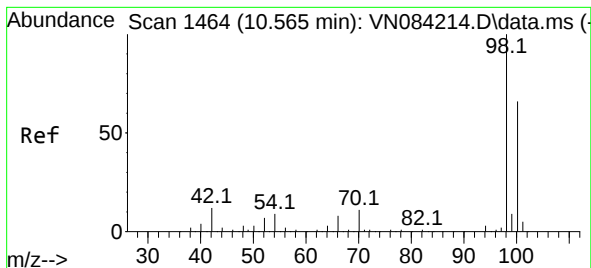
Ion Ratio Lower Upper

113 100

111 104.2 83.3 124.9

192 18.6 13.5 20.3

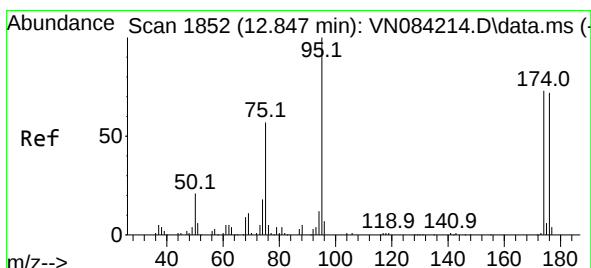
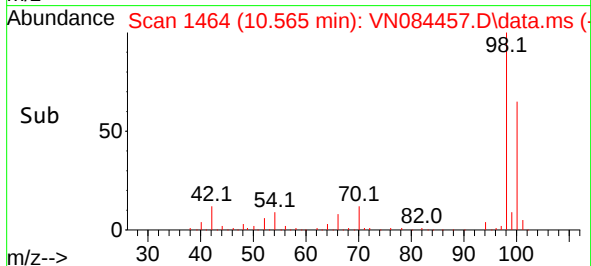
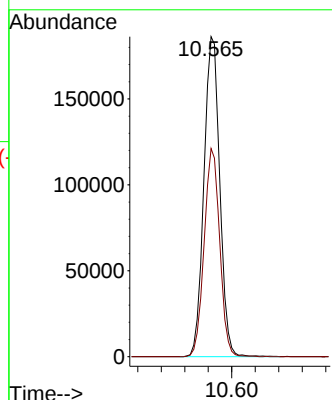
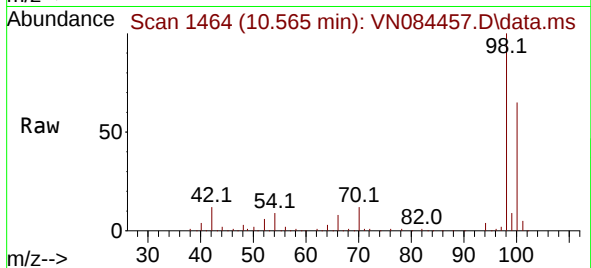




#50
Toluene-d8
Concen: 49.960 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

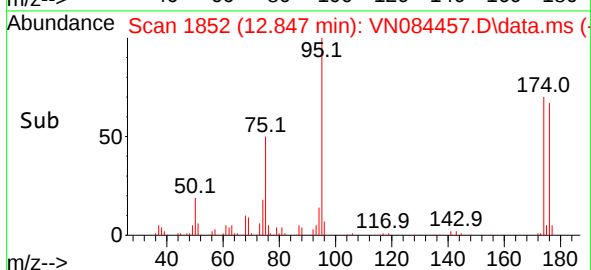
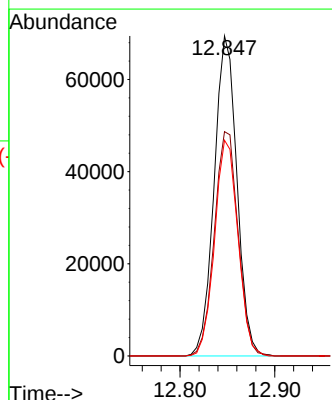
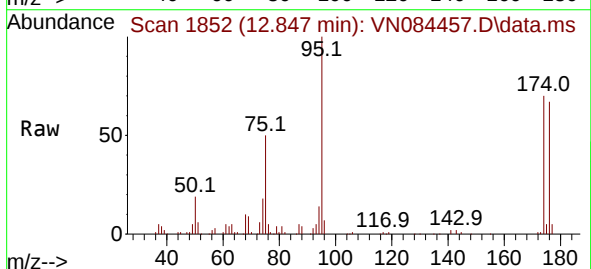
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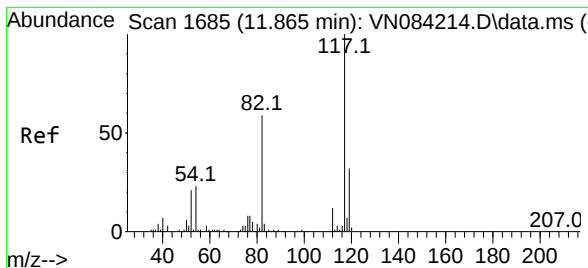
Tgt Ion: 98 Resp: 347460
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.811 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 95 Resp: 116070
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 69.1 0.0 140.0

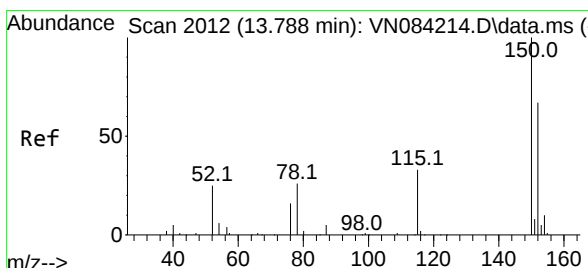
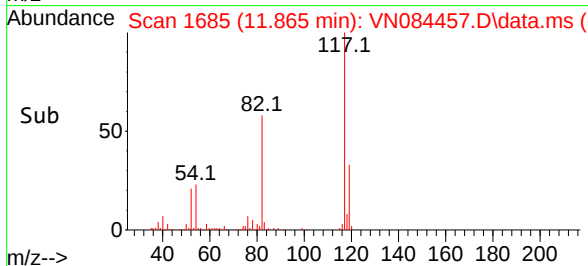
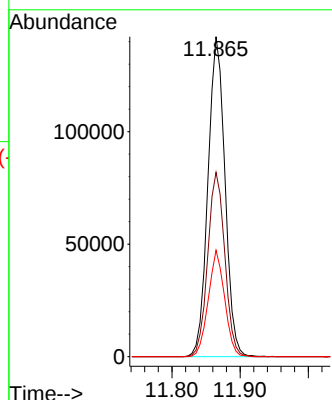
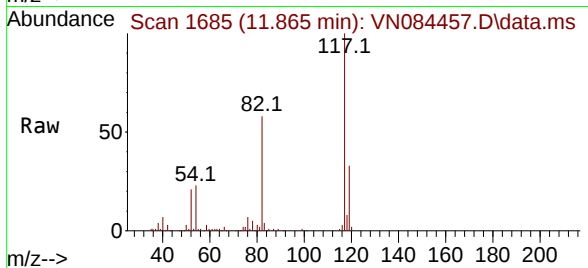




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 247265
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.2 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: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion:152 Resp: 98200
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.9
150 155.5 0.0 349.8

