

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084444.D
 Acq On : 21 Oct 2024 18:28
 Operator : JC\MD
 Sample : P4471-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB100824

Quant Time: Oct 22 01:39:49 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	164715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120791	49.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.165	113	98047	52.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	10.565	98	344898	50.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.847	95	112552	44.919	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%

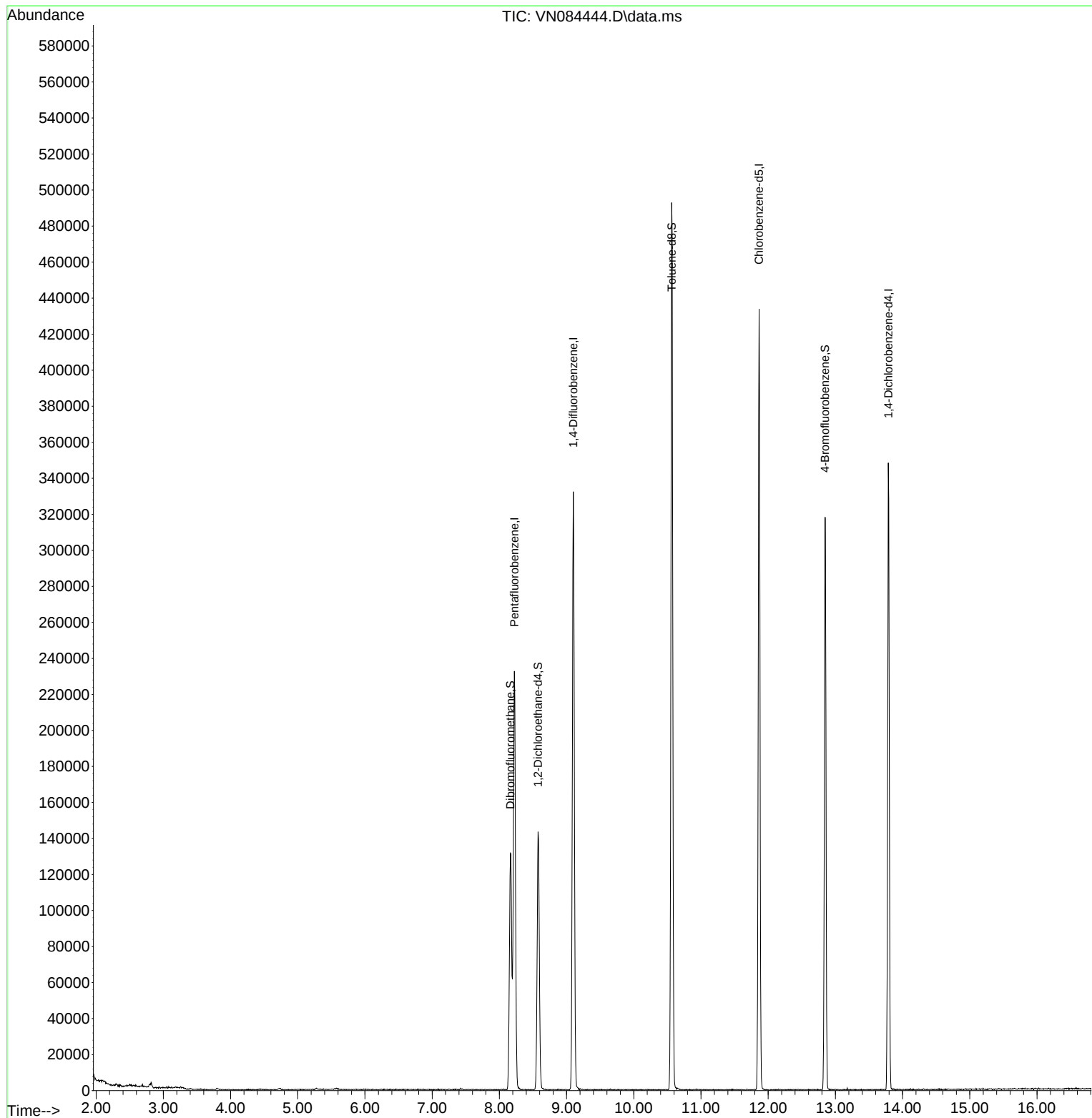
Target Compounds	Qvalue

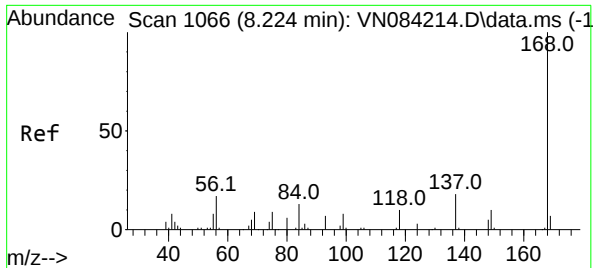
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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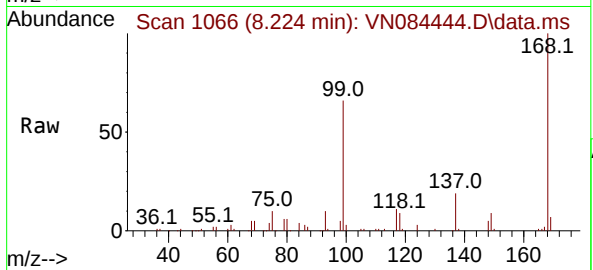
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



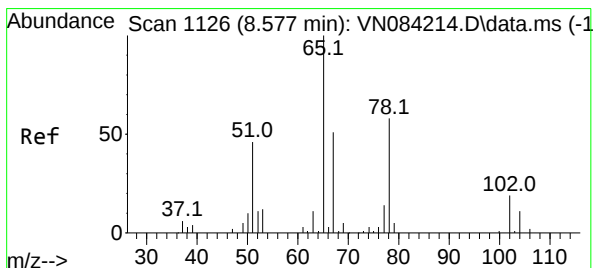
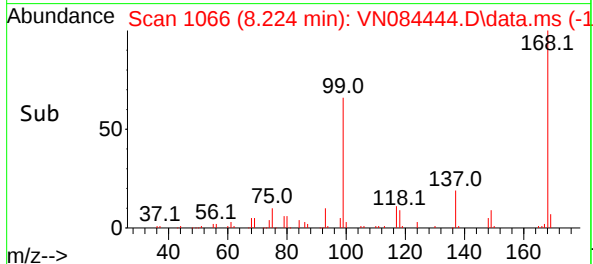
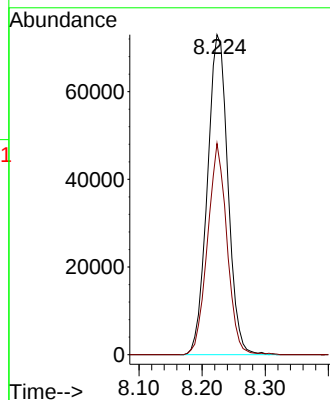


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
TB100824

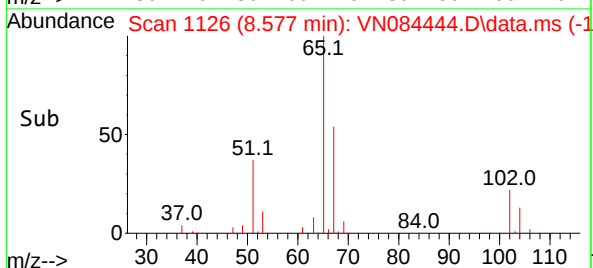
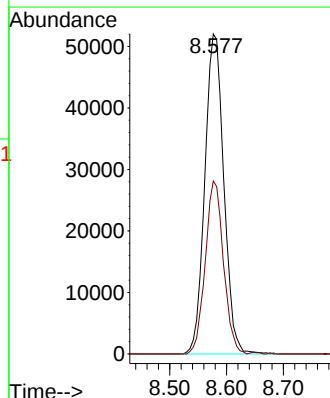
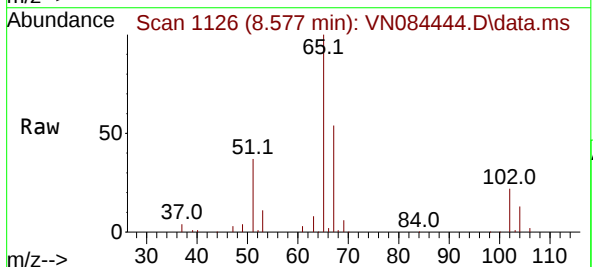


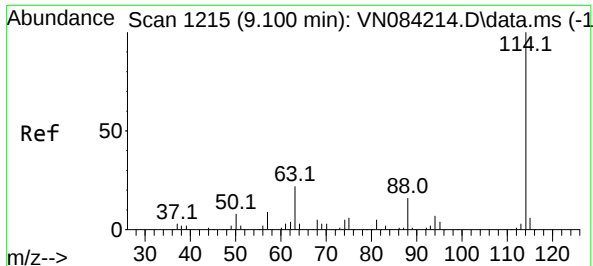
Tgt Ion:168 Resp: 164715
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 65 Resp: 120791
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

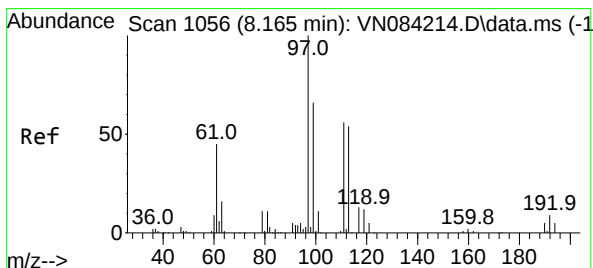
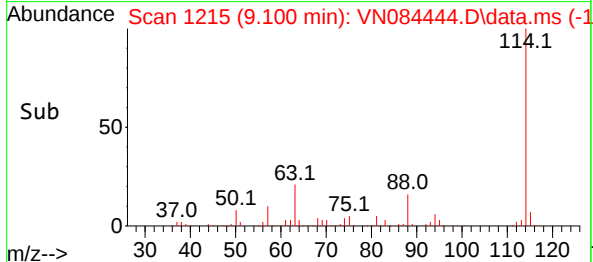
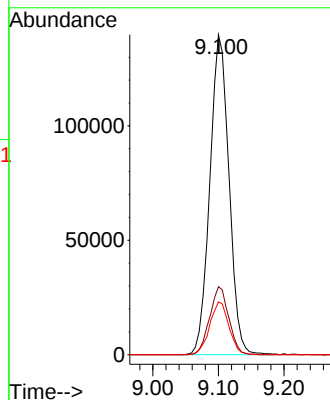
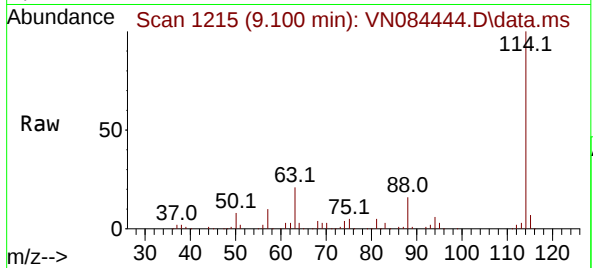




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

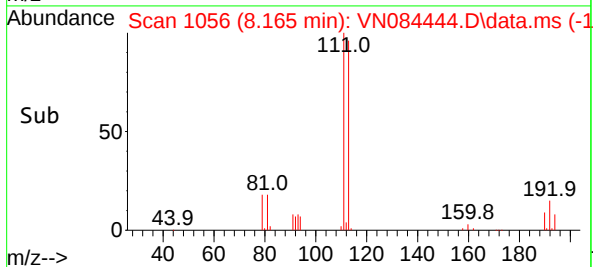
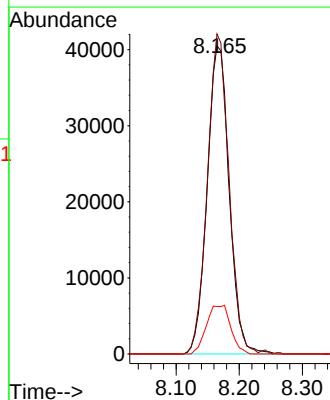
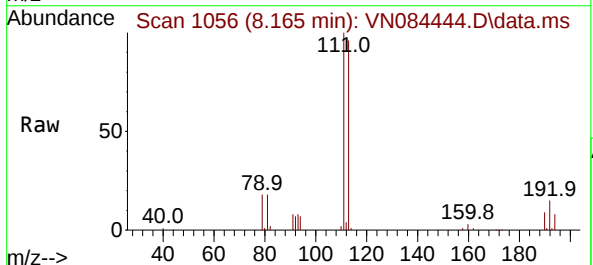
Instrument :
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ClientSampleId :
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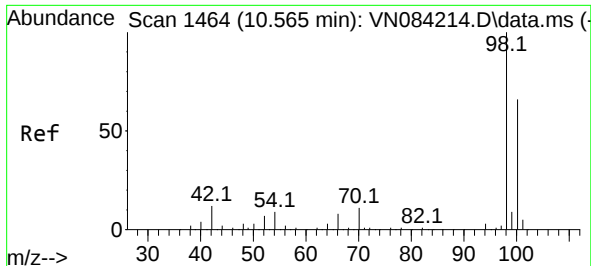
Tgt Ion:114 Resp: 283567
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 16.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.447 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion:113 Resp: 98047
Ion Ratio Lower Upper
113 100
111 102.0 83.3 124.9
192 17.4 13.5 20.3

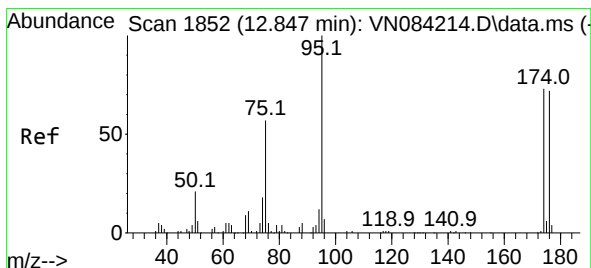
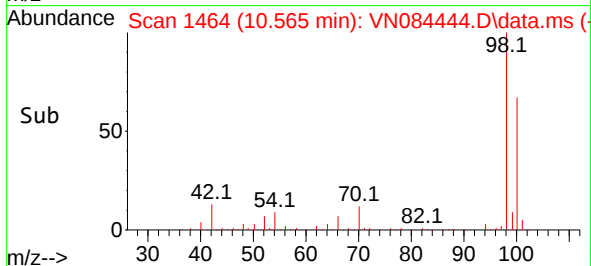
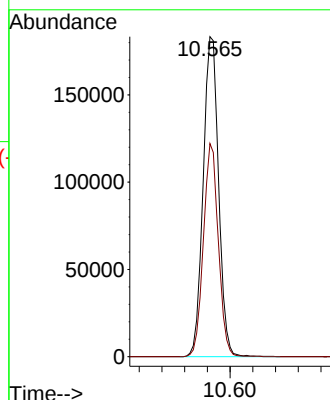
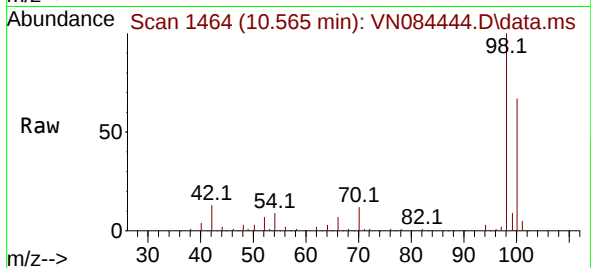




#50
Toluene-d8
Concen: 50.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

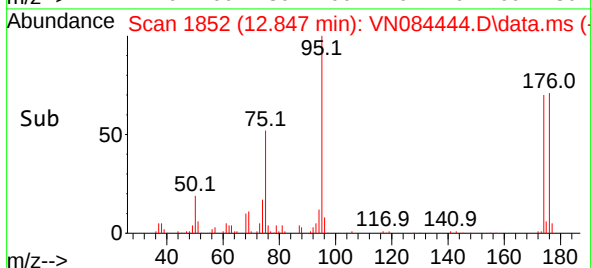
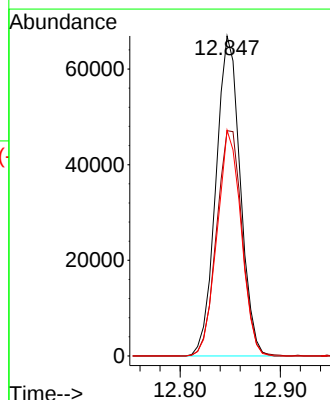
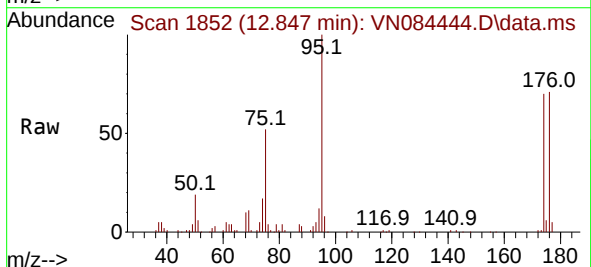
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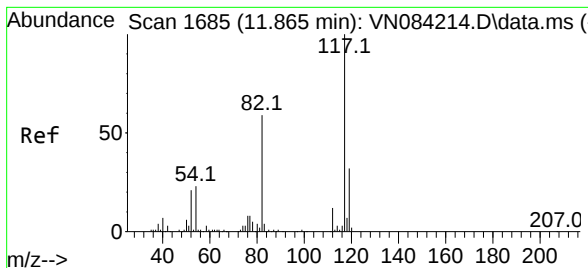
Tgt Ion: 98 Resp: 344898
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 95 Resp: 112552
Ion Ratio Lower Upper
95 100
174 73.9 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: VN084444.D

Acq: 21 Oct 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

TB100824

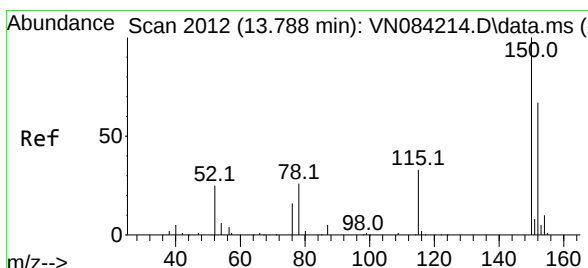
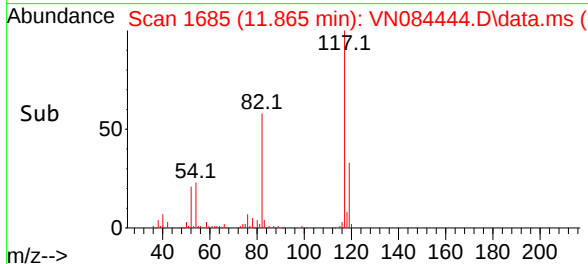
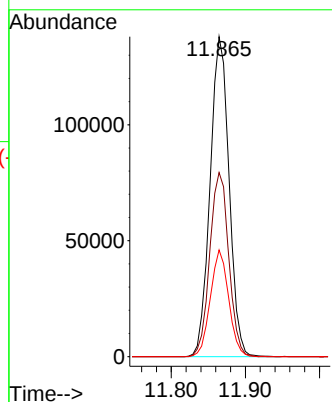
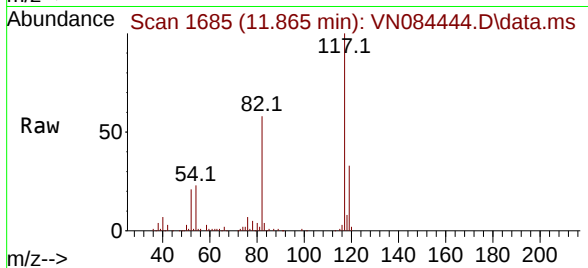
Tgt Ion:117 Resp: 244917

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

119 33.3 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: VN084444.D

Acq: 21 Oct 2024 18:28

Tgt Ion:152 Resp: 92567

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.9

150 158.2 0.0 349.8

