

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084242.D
 Acq On : 01 Oct 2024 16:18
 Operator : JC\MD
 Sample : P4116-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Oct 02 02:04:38 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)

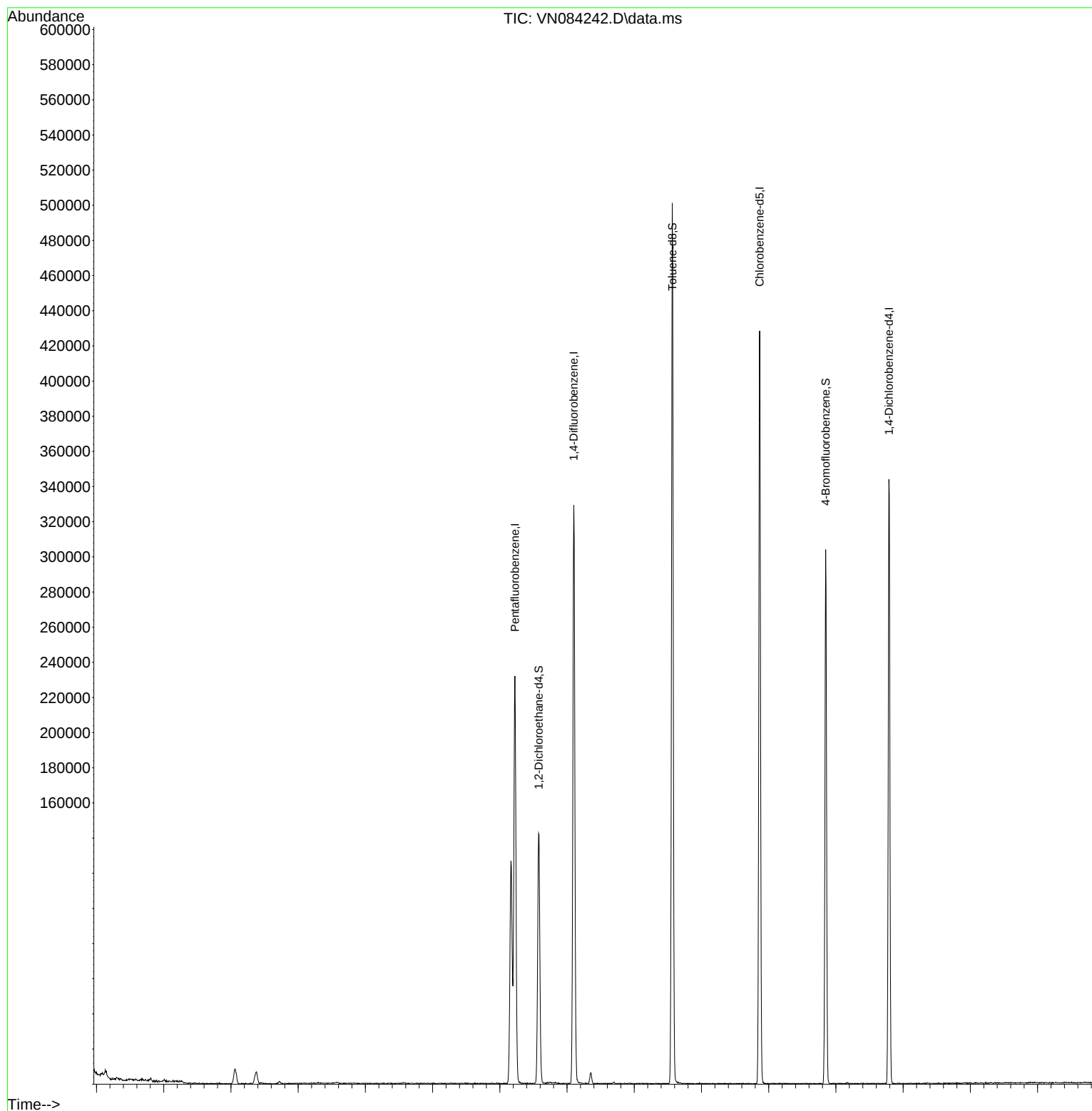
Internal Standards						
1) Pentafluorobenzene	8.224	168	160319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117664	49.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.000%		
35) Dibromofluoromethane	8.165	113	92867	50.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.260%		
50) Toluene-d8	10.565	98	338882	50.217	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.440%		
62) 4-Bromofluorobenzene	12.847	95	106535	43.333	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.660%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	4906	2.622	ug/l	98
44) Trichloroethene	9.353	130	2361	1.218	ug/l	96

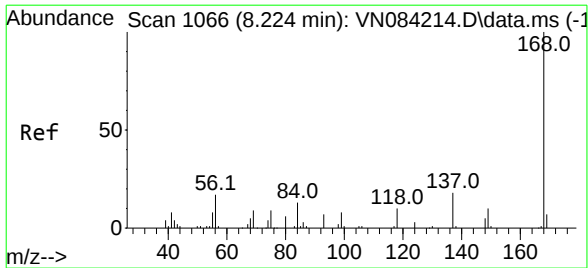
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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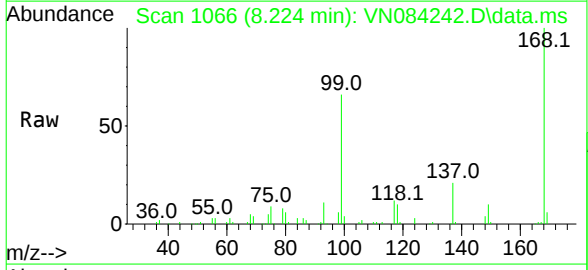
Quant Time: Oct 02 02:04:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



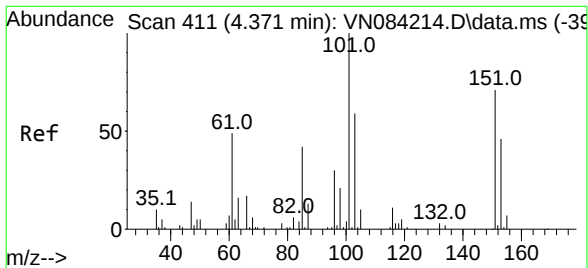
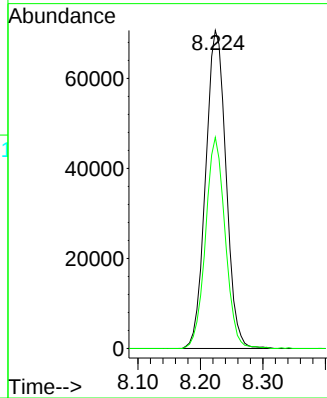
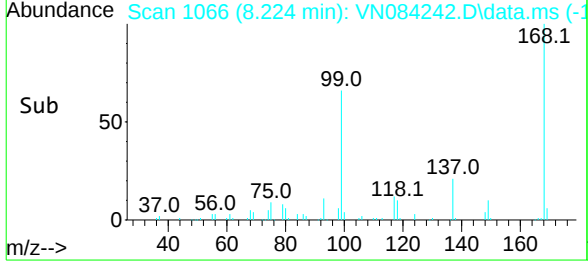


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

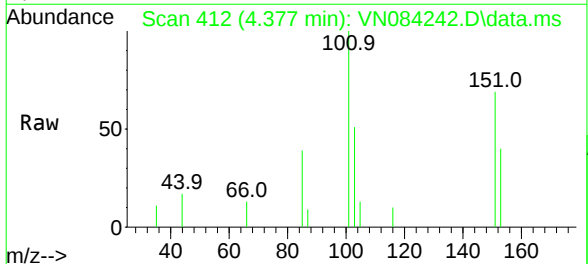
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918



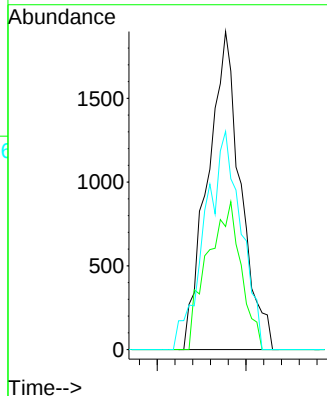
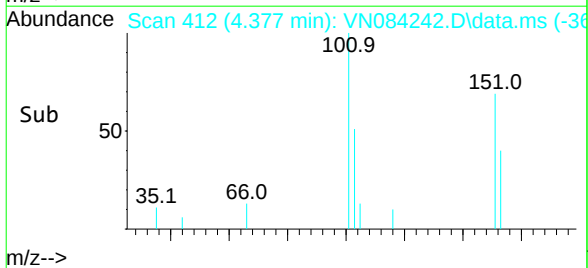
Tgt Ion:168 Resp: 160319
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2

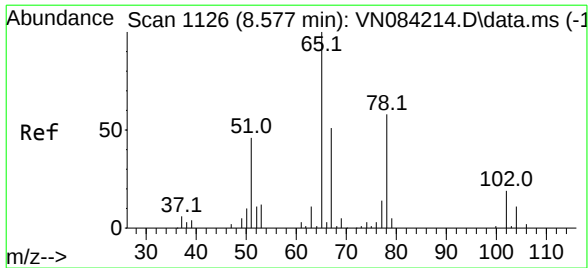


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.622 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18



Tgt Ion:101 Resp: 4906
Ion Ratio Lower Upper
101 100
85 47.5 36.2 54.4
151 75.2 59.3 88.9

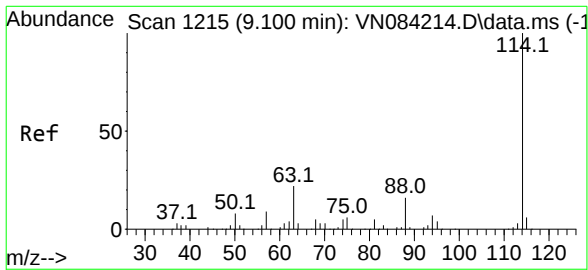
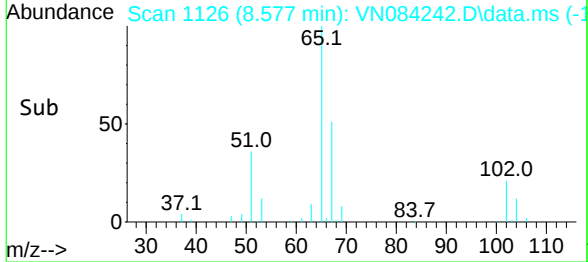
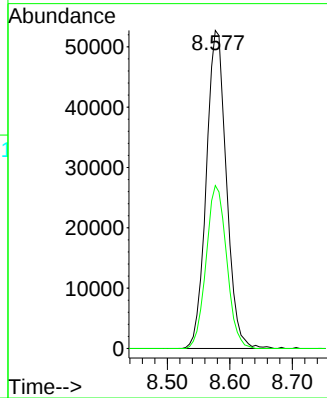
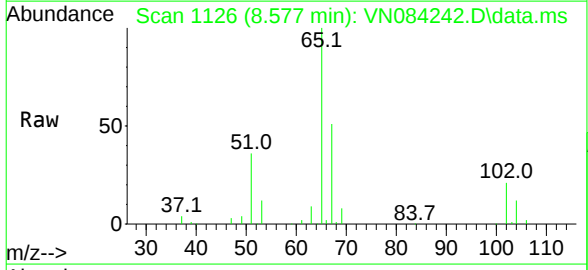




#33
1,2-Dichloroethane-d4
Concen: 49.500 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

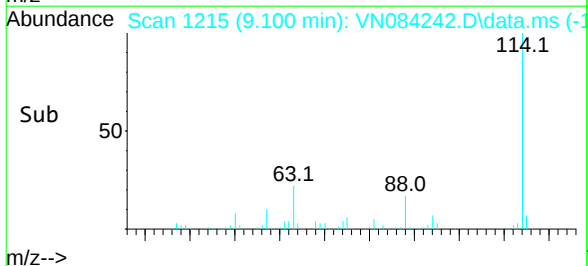
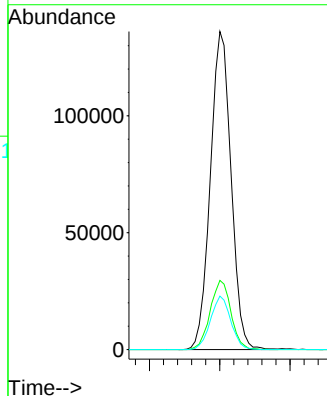
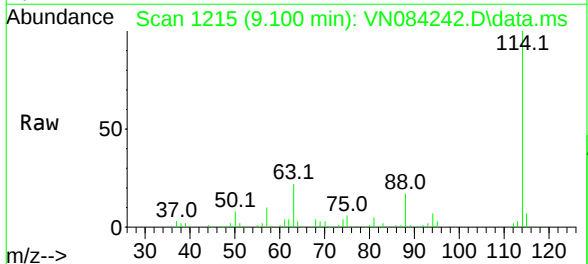
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

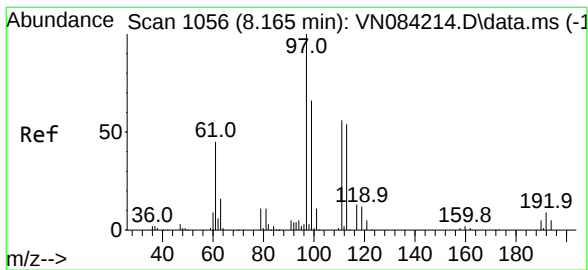
Tgt Ion: 65 Resp: 117664
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 114 Resp: 278228
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.8
88 16.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.629 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084242.D

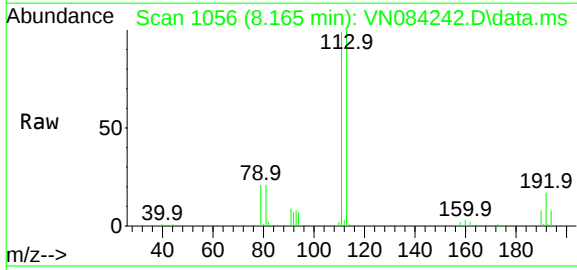
Acq: 01 Oct 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918



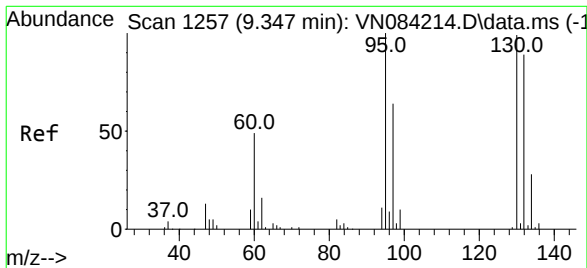
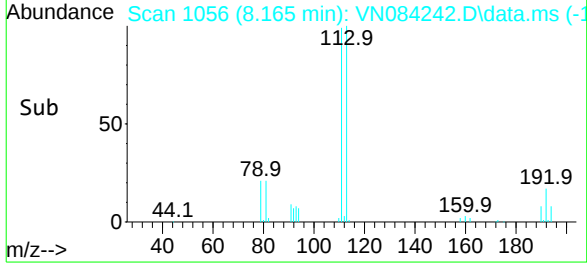
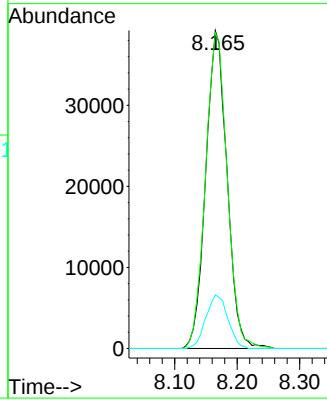
Tgt Ion:113 Resp: 92867

Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

192 17.4 13.5 20.3



#44

Trichloroethene

Concen: 1.218 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084242.D

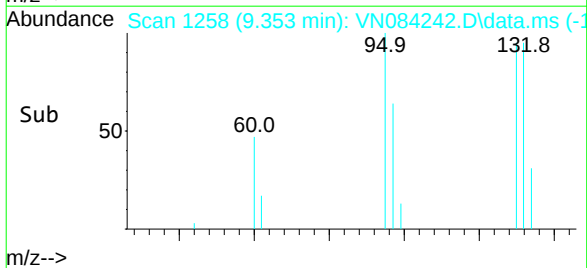
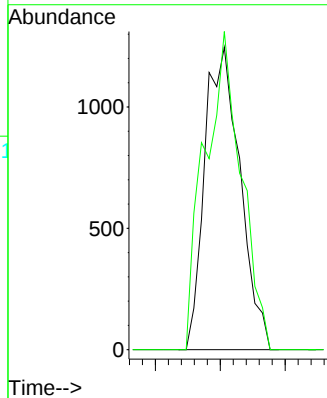
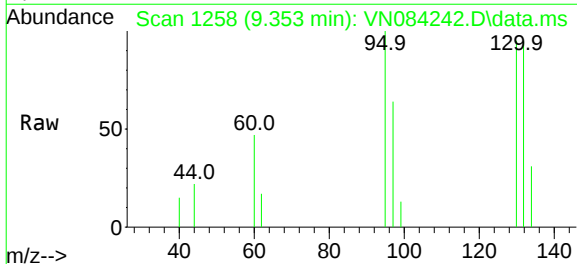
Acq: 01 Oct 2024 16:18

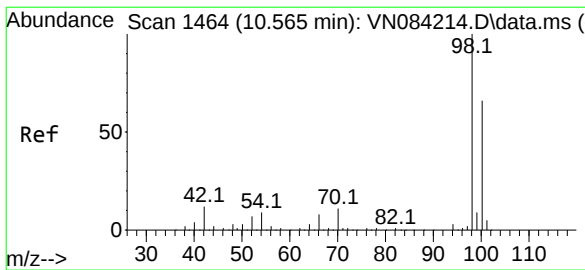
Tgt Ion:130 Resp: 2361

Ion Ratio Lower Upper

130 100

95 105.2 0.0 203.0





#50

Toluene-d8

Concen: 50.217 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084242.D

Acq: 01 Oct 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

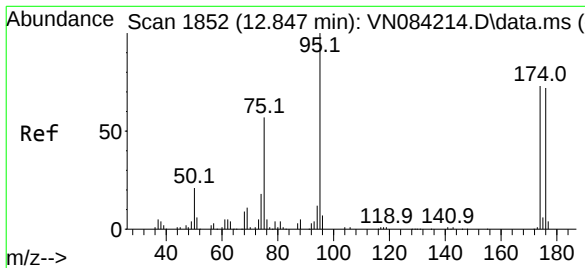
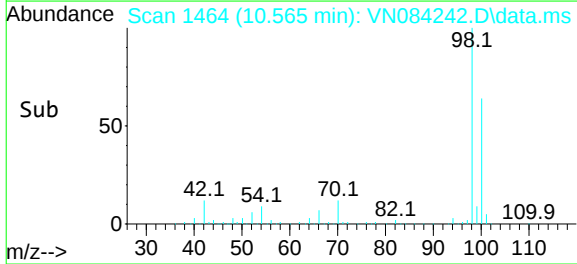
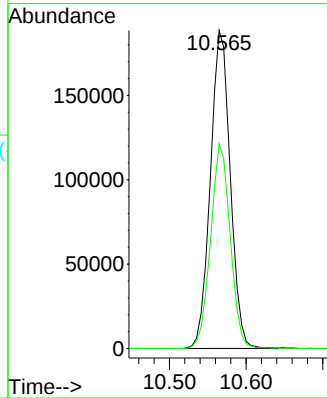
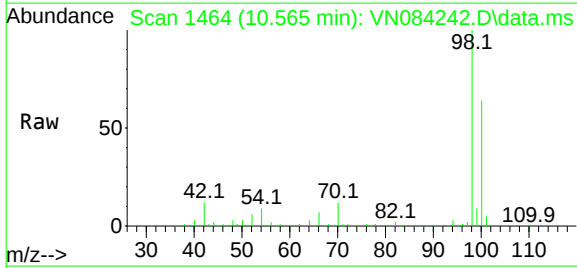
RE132D2-20240918

Tgt Ion: 98 Resp: 338882

Ion Ratio Lower Upper

98 100

100 63.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.333 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084242.D

Acq: 01 Oct 2024 16:18

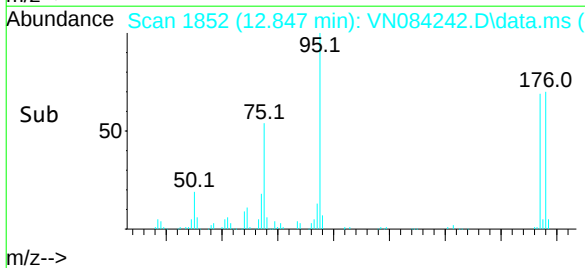
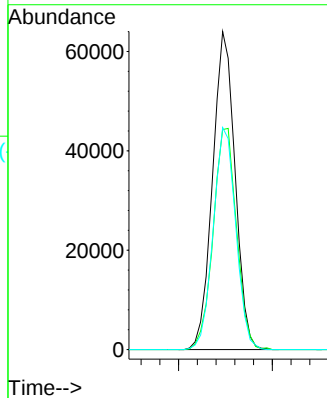
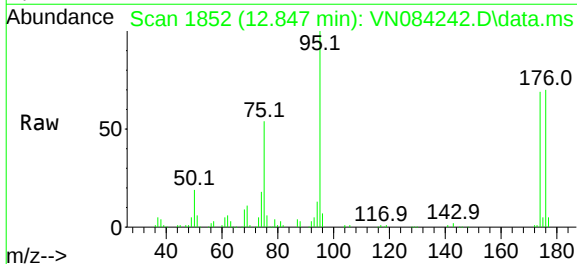
Tgt Ion: 95 Resp: 106535

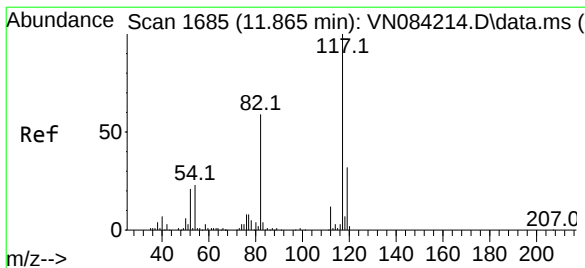
Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.2

176 70.0 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN084242.D

Acq: 01 Oct 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

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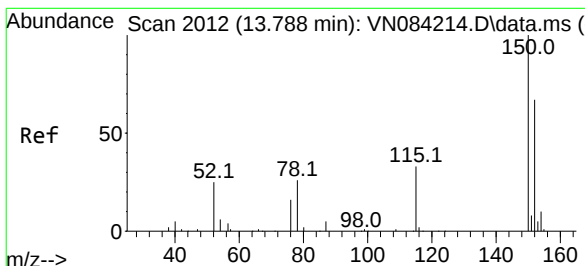
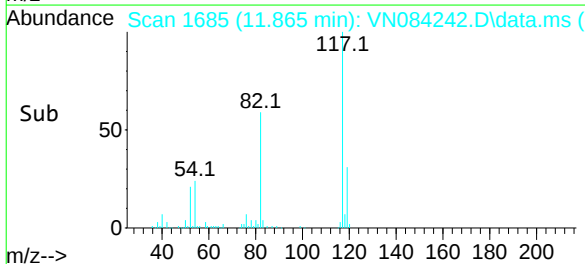
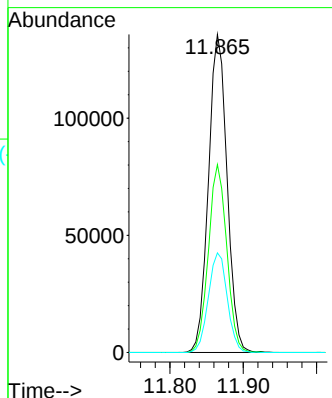
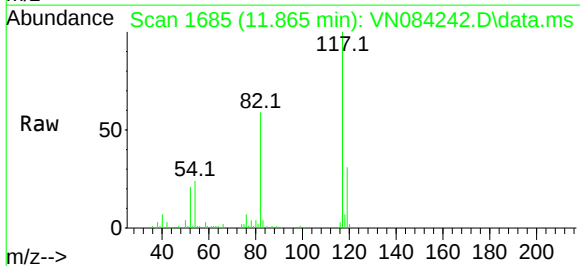
Tgt Ion:117 Resp: 239214

Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

119 31.3 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: VN084242.D

Acq: 01 Oct 2024 16:18

Tgt Ion:152 Resp: 90677

Ion Ratio Lower Upper

152 100

115 64.9 31.3 93.9

150 161.8 0.0 349.8

