

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084237.D
 Acq On : 01 Oct 2024 14:18
 Operator : JC\MD
 Sample : P4116-27DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20240918DL

Quant Time: Oct 02 02:02:41 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)

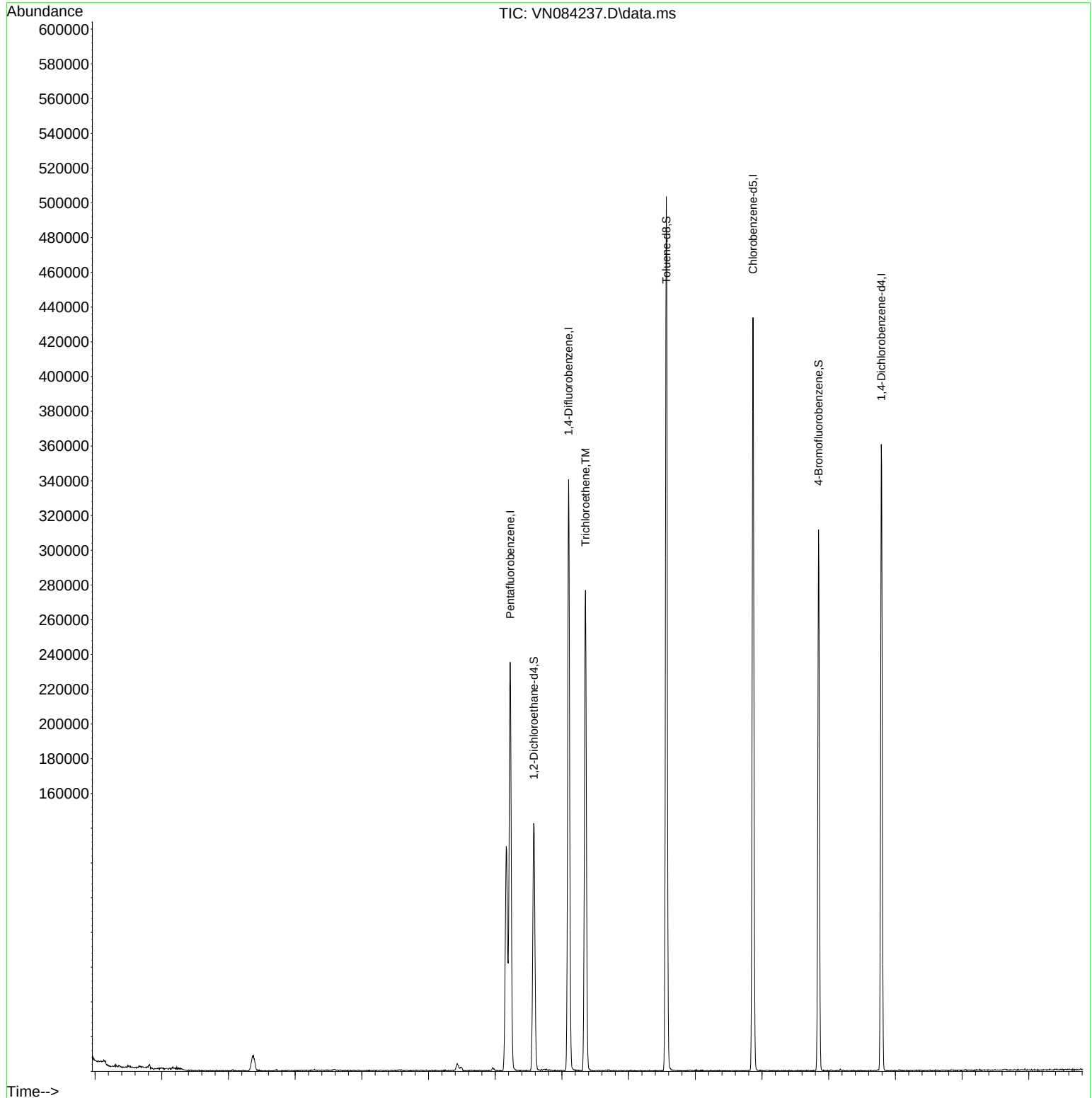
Internal Standards						
1) Pentafluorobenzene	8.224	168	164804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119905	49.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	8.165	113	92977	49.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.580%		
50) Toluene-d8	10.565	98	342052	49.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.580%		
62) 4-Bromofluorobenzene	12.847	95	108557	43.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.760%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	6117	3.180	ug/l #	86
44) Trichloroethene	9.353	130	99484	50.405	ug/l	100

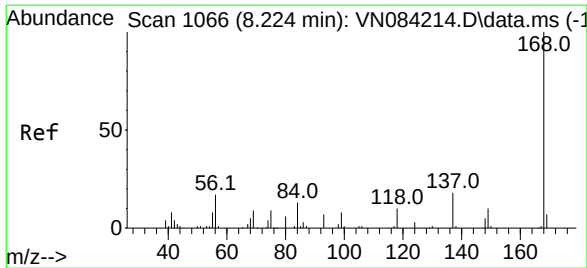
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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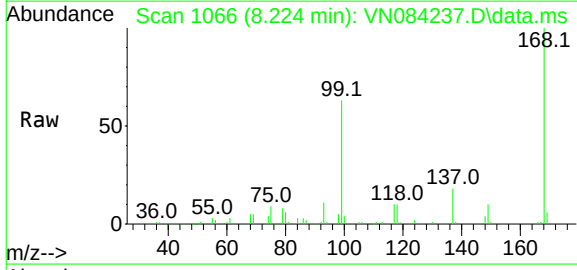
Quant Time: Oct 02 02:02:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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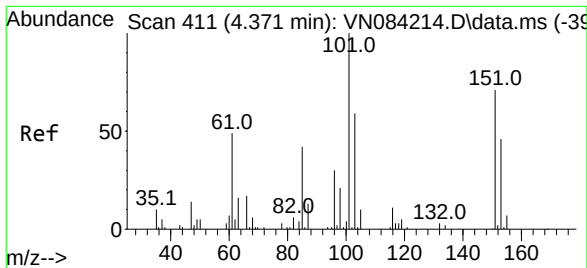
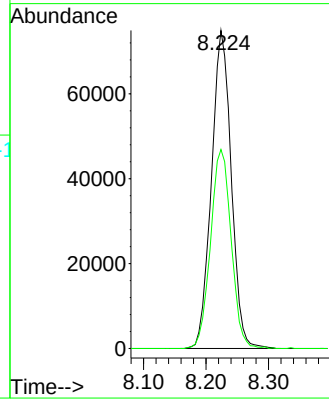
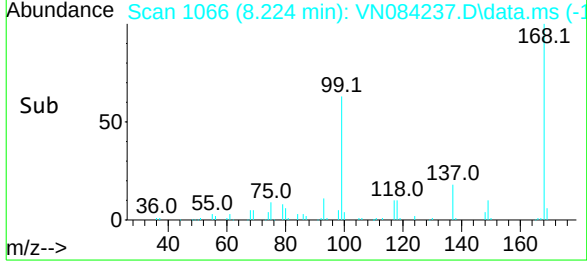


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084237.D
Acq: 01 Oct 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20240918DL

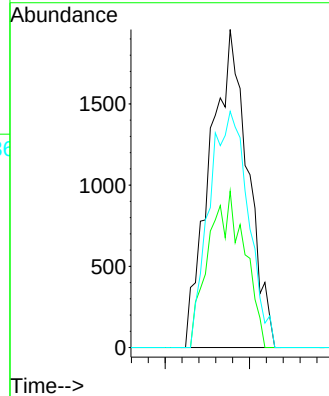
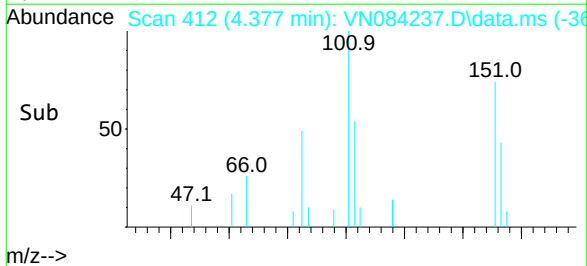
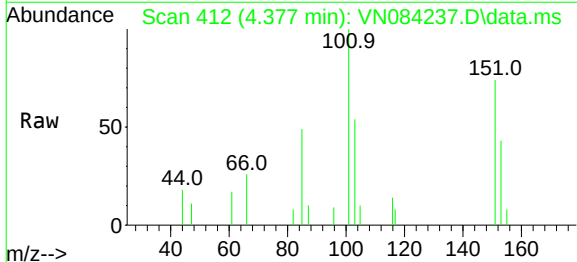


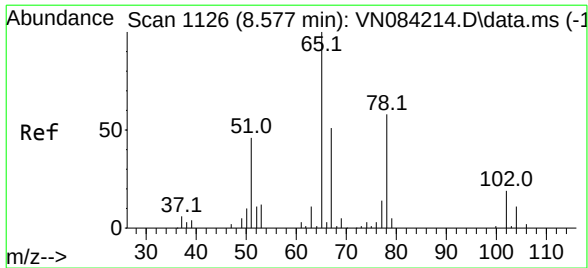
Tgt Ion:168 Resp: 164804
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.180 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084237.D
Acq: 01 Oct 2024 14:18

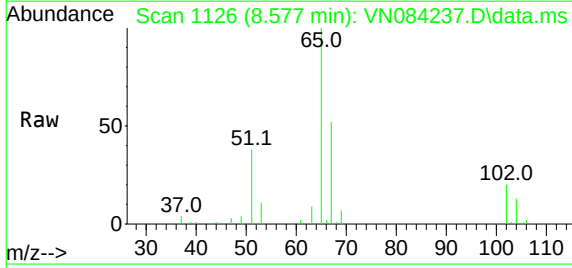
Tgt Ion:101 Resp: 6117
Ion Ratio Lower Upper
101 100
85 23.9 36.2 54.4#
151 76.8 59.3 88.9



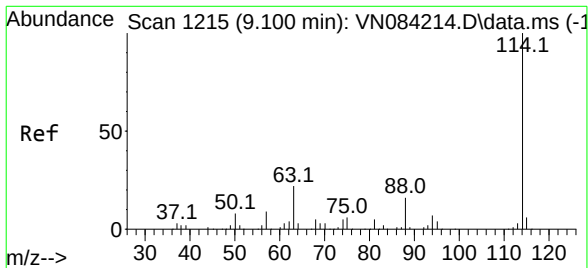
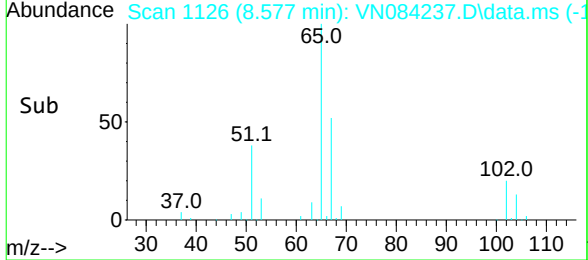
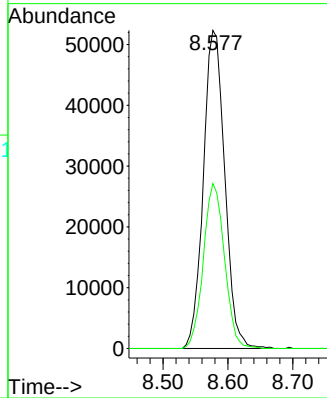


#33
1,2-Dichloroethane-d4
Concen: 49.070 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084237.D
Acq: 01 Oct 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20240918DL

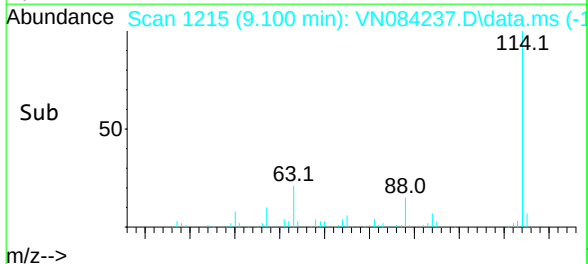
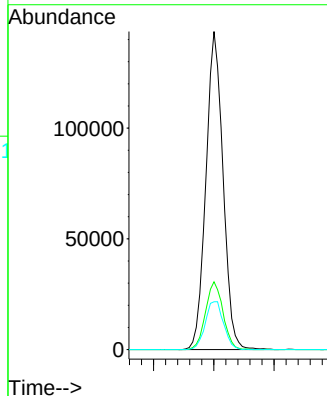
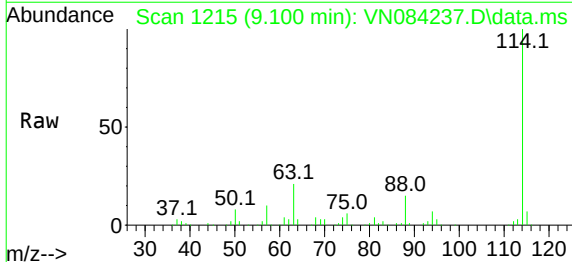


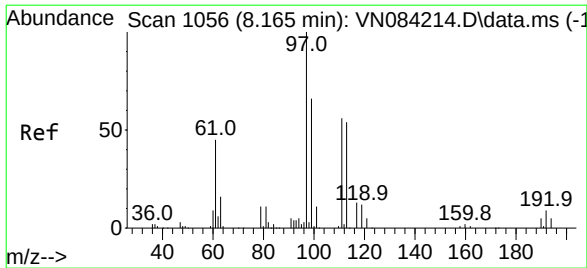
Tgt Ion: 65 Resp: 119905
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084237.D
Acq: 01 Oct 2024 14:18

Tgt Ion: 114 Resp: 283234
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.793 ug/l

RT: 8.165 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084237.D

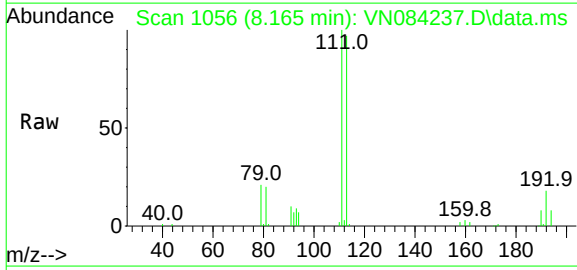
Acq: 01 Oct 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20240918DL



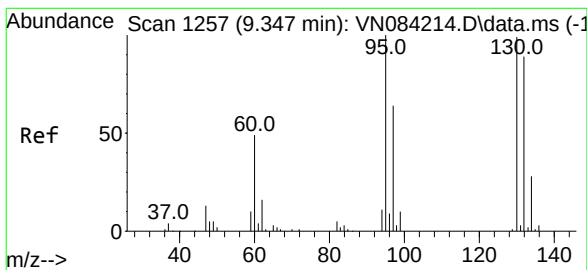
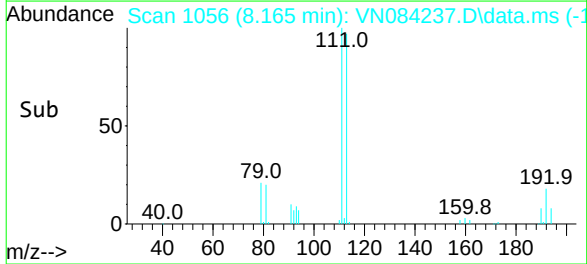
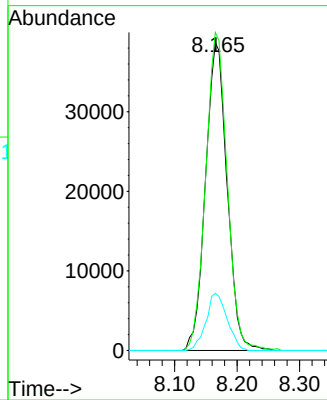
Tgt Ion:113 Resp: 92977

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 18.2 13.5 20.3



#44

Trichloroethene

Concen: 50.405 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084237.D

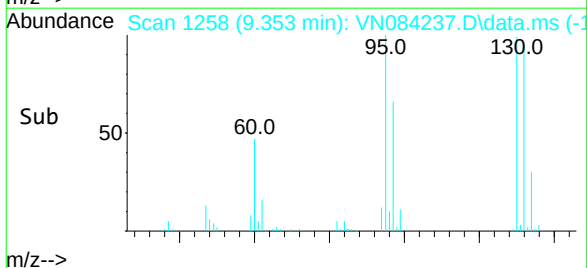
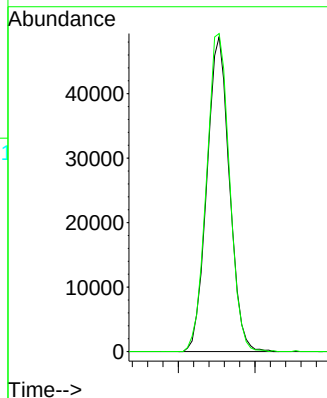
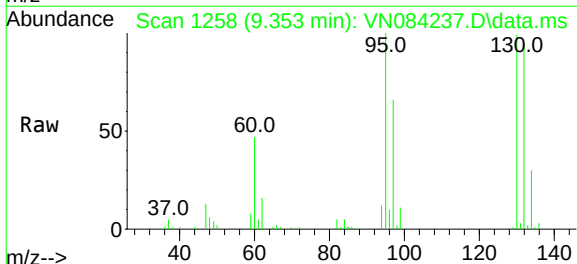
Acq: 01 Oct 2024 14:18

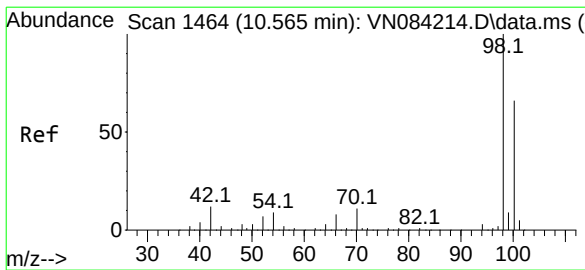
Tgt Ion:130 Resp: 99484

Ion Ratio Lower Upper

130 100

95 101.0 0.0 203.0





#50

Toluene-d8

Concen: 49.790 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084237.D

Acq: 01 Oct 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

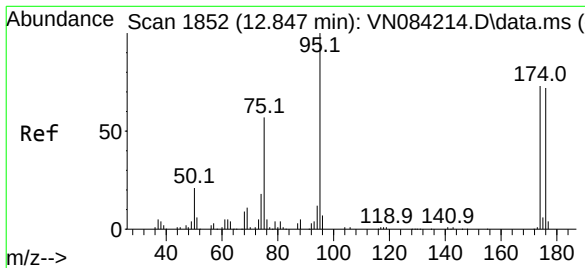
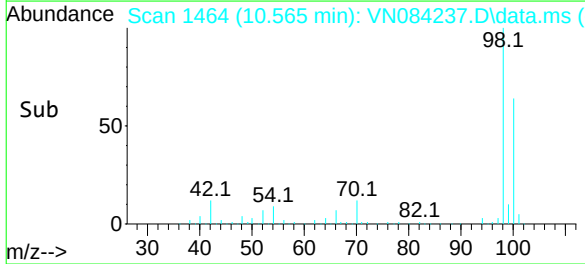
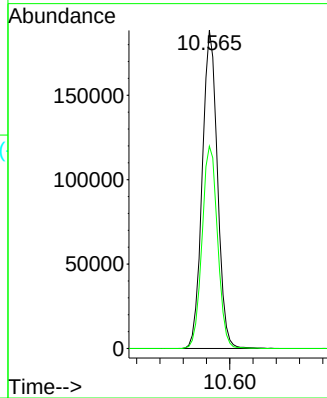
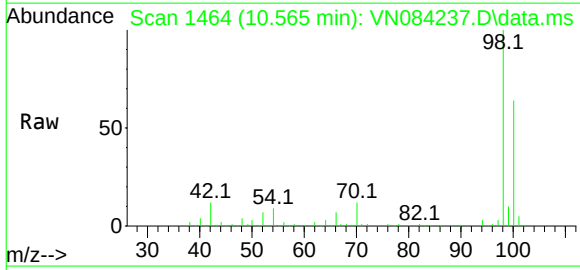
DUP05-20240918DL

Tgt Ion: 98 Resp: 342052

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.375 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084237.D

Acq: 01 Oct 2024 14:18

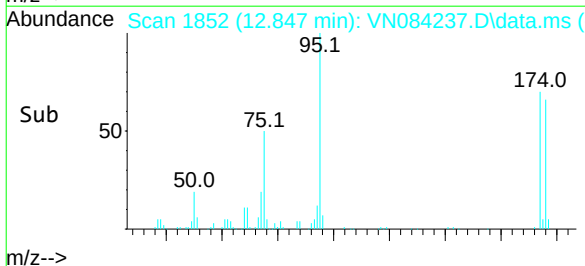
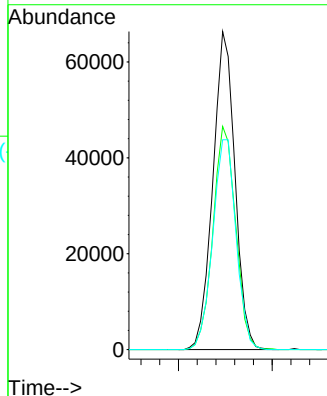
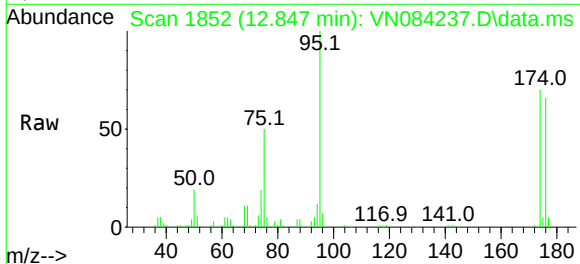
Tgt Ion: 95 Resp: 108557

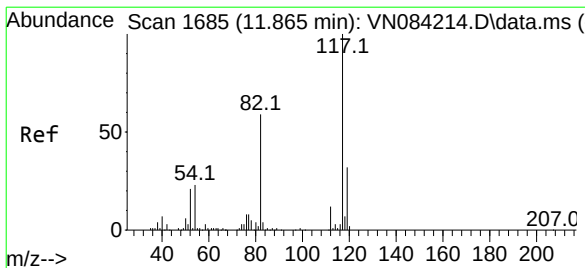
Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.2

176 69.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084237.D

Acq: 01 Oct 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

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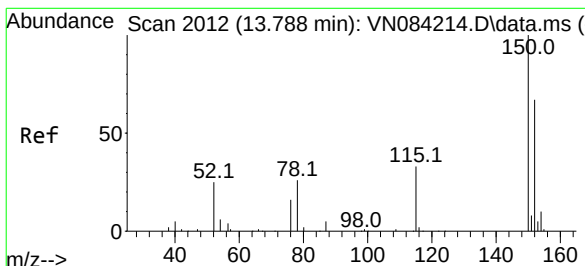
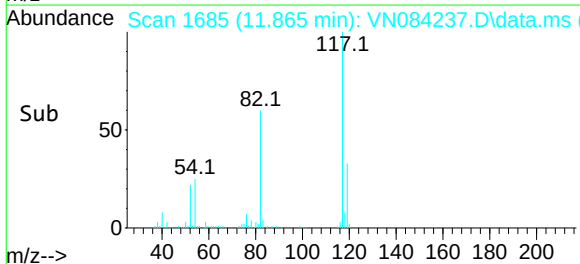
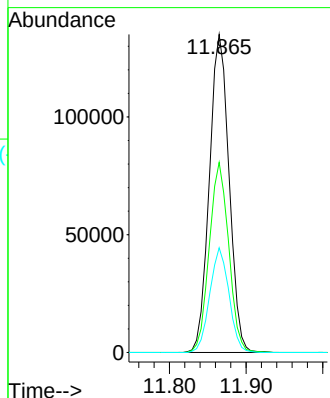
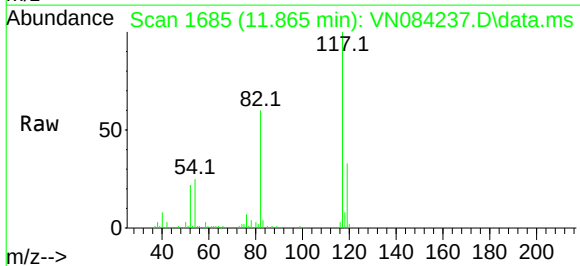
Tgt Ion:117 Resp: 240932

Ion Ratio Lower Upper

117 100

82 59.8 47.2 70.8

119 32.9 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: VN084237.D

Acq: 01 Oct 2024 14:18

Tgt Ion:152 Resp: 95080

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.9

150 157.9 0.0 349.8

