

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083890.D
 Acq On : 14 Sep 2024 15:08
 Operator : JC\MD
 Sample : P3957-16RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20240911RE

Quant Time: Sep 23 06:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

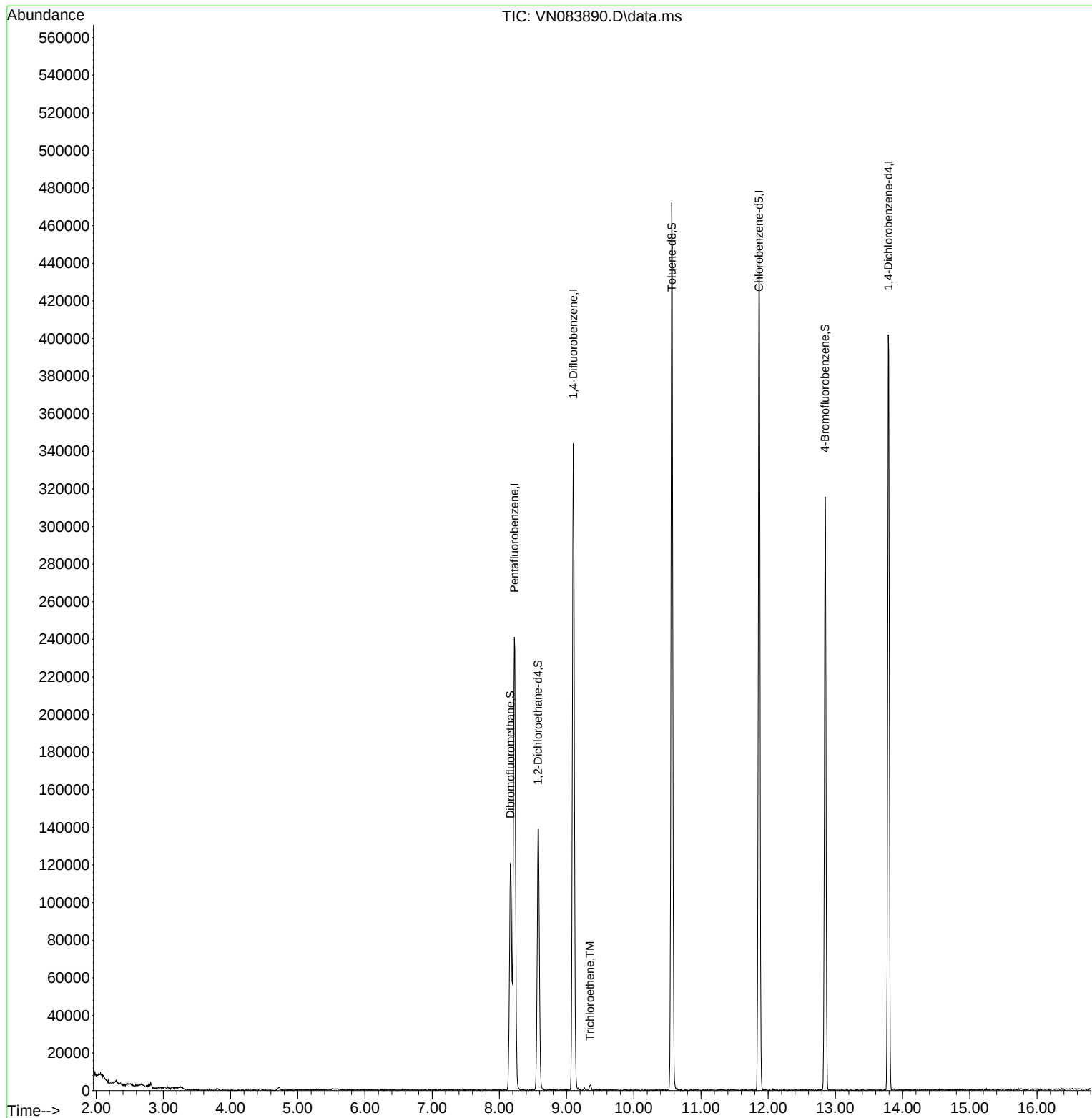
Internal Standards						
1) Pentafluorobenzene	8.224	168	164091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118102	47.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.460%		
35) Dibromofluoromethane	8.165	113	86437	47.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	10.565	98	312023	49.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.847	95	107657	41.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	83.500%		
Target Compounds						
44) Trichloroethene	9.347	130	1038	0.547	ug/l	Qvalue 85

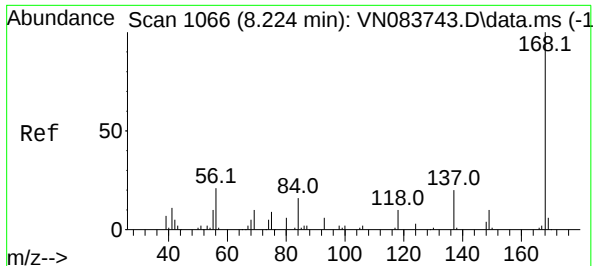
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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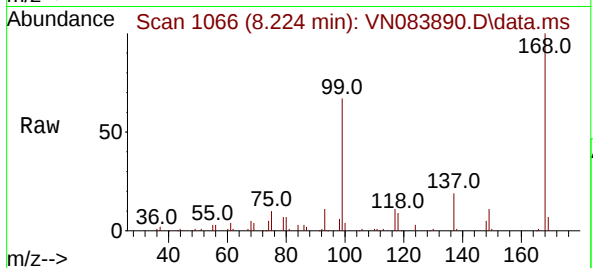
Quant Time: Sep 23 06:19:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



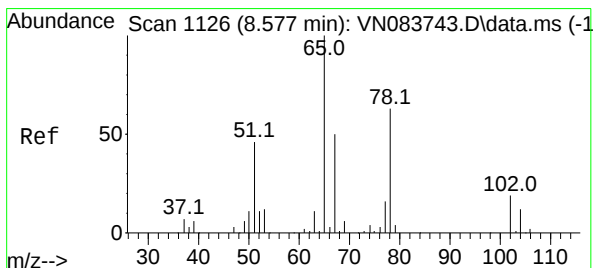
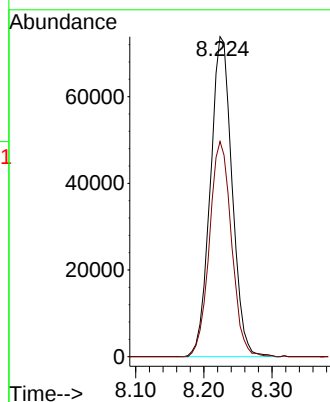
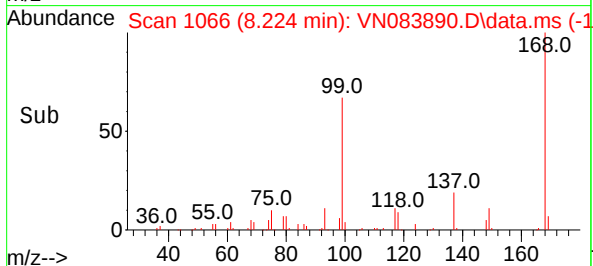


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20240911RE

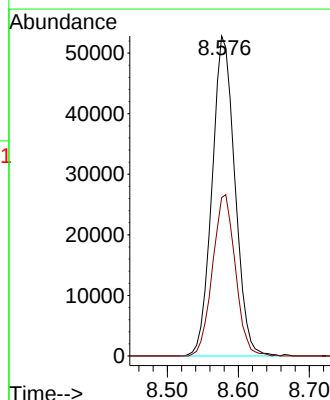
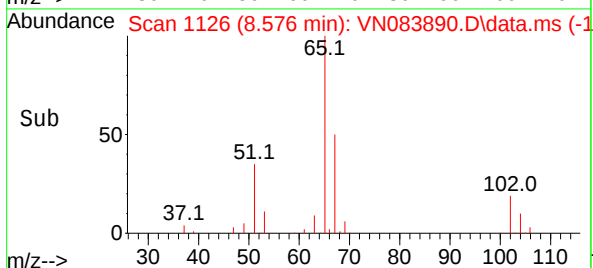
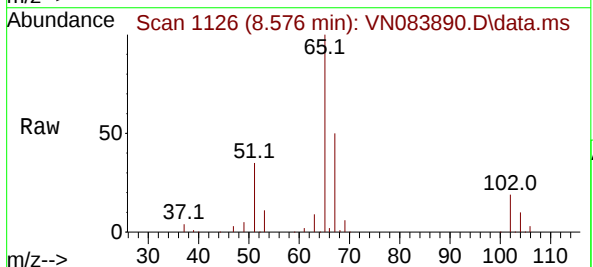


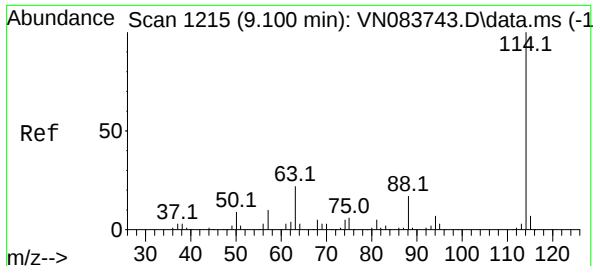
Tgt Ion:168 Resp: 164091
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.732 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion: 65 Resp: 118102
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

RE104D3-20240911RE

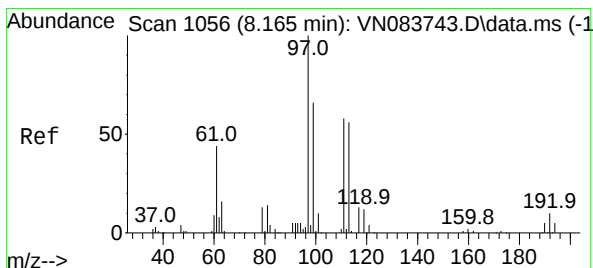
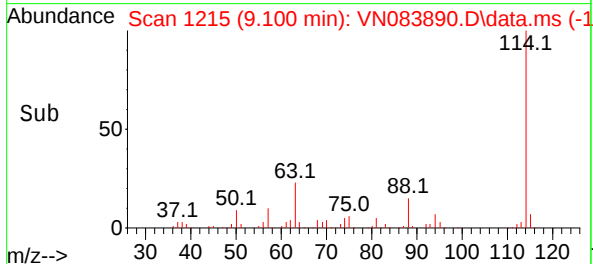
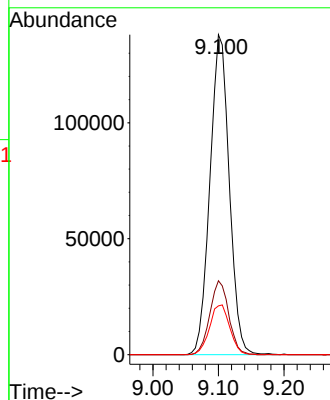
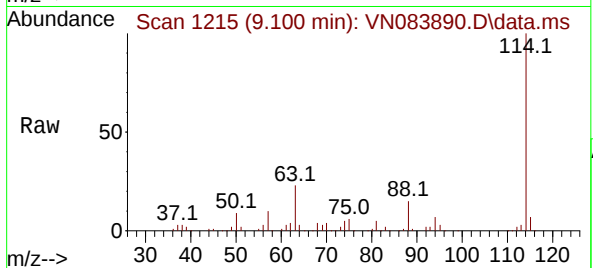
Tgt Ion:114 Resp: 282417

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.808 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

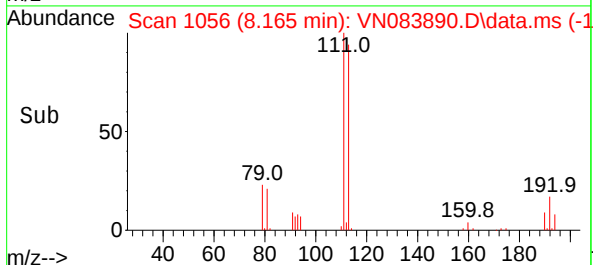
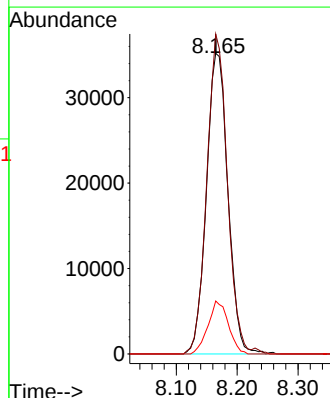
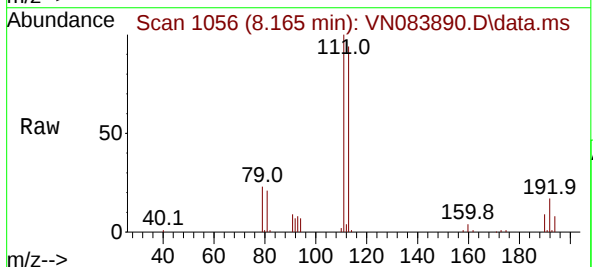
Tgt Ion:113 Resp: 86437

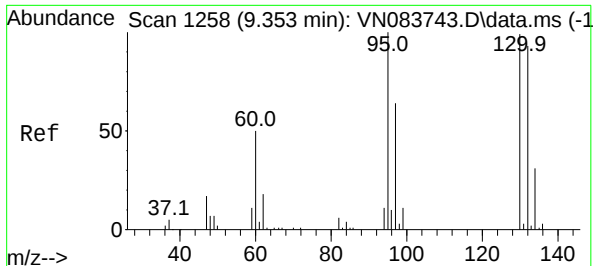
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 16.7 14.3 21.5





#44

Trichloroethene

Concen: 0.547 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

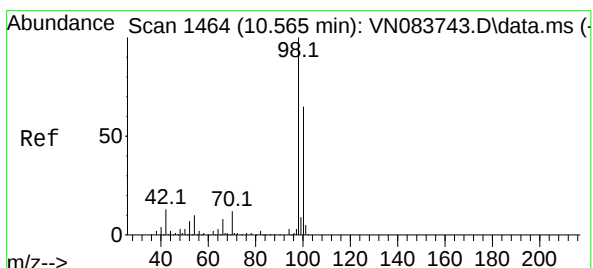
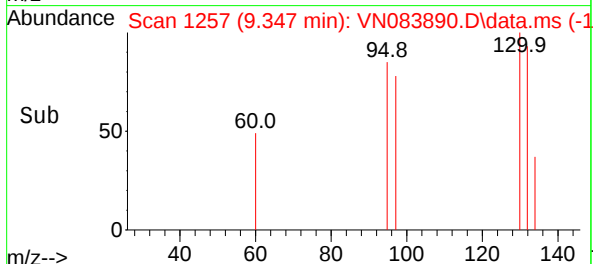
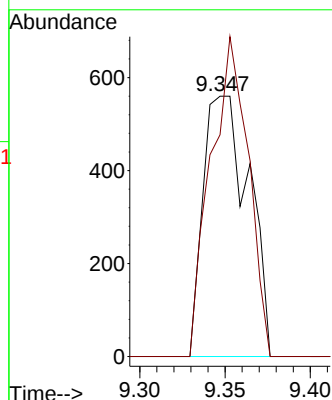
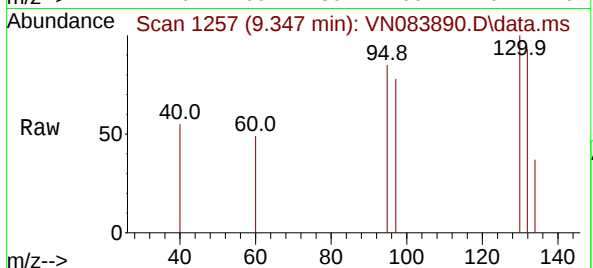
RE104D3-20240911RE

Tgt Ion:130 Resp: 1038

Ion Ratio Lower Upper

130 100

95 85.2 0.0 200.4



#50

Toluene-d8

Concen: 49.921 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083890.D

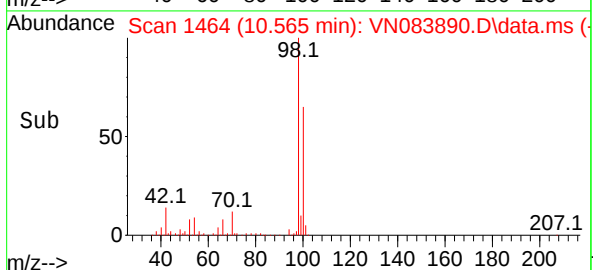
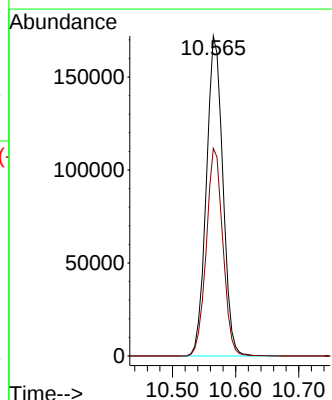
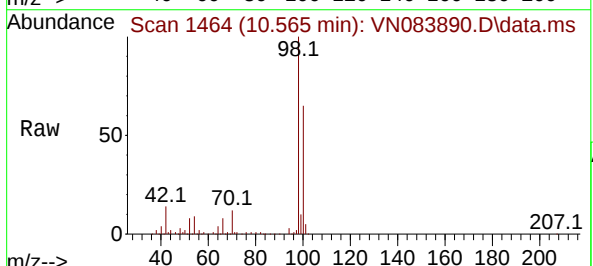
Acq: 14 Sep 2024 15:08

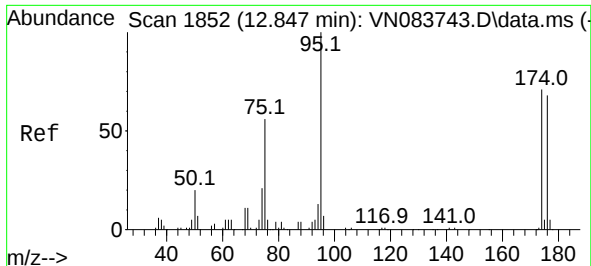
Tgt Ion: 98 Resp: 312023

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 41.748 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

RE104D3-20240911RE

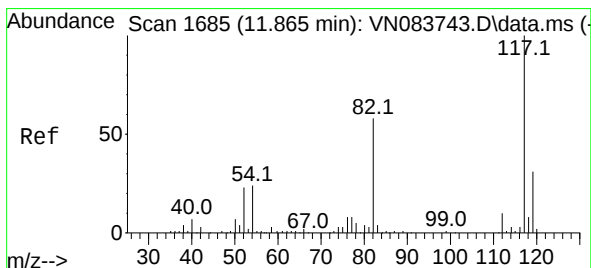
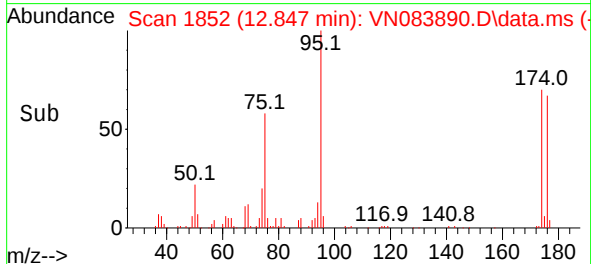
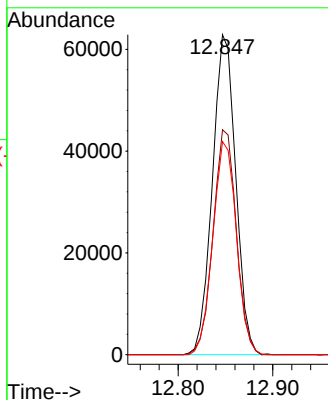
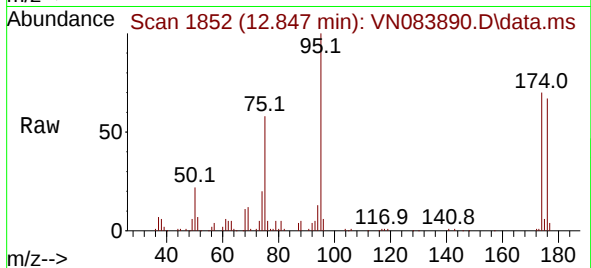
Tgt Ion: 95 Resp: 107657

Ion Ratio Lower Upper

95 100

174 70.0 0.0 139.8

176 67.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

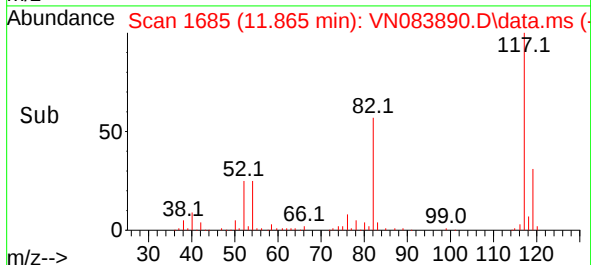
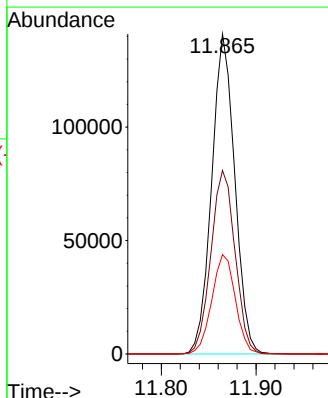
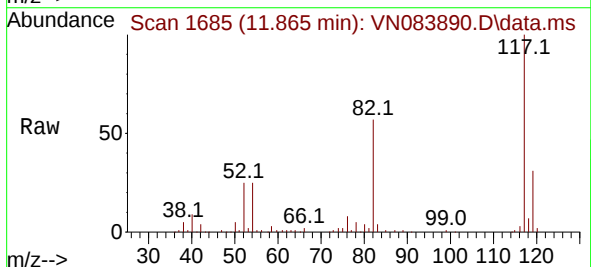
Tgt Ion: 117 Resp: 238634

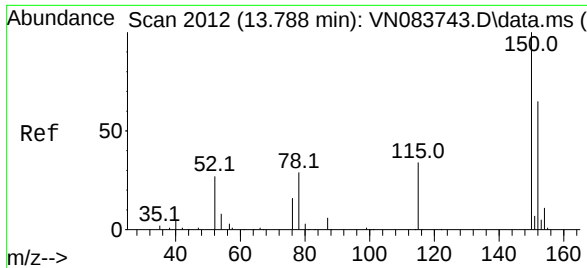
Ion Ratio Lower Upper

117 100

82 57.3 47.4 71.0

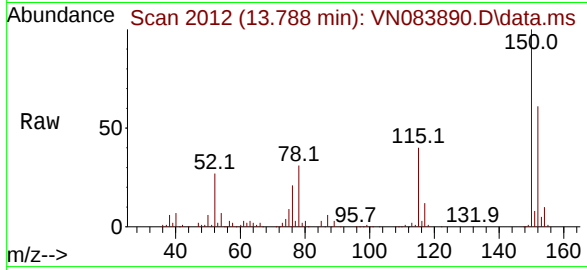
119 31.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083890.D
 Acq: 14 Sep 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20240911RE



Tgt Ion:	152	Resp:	99155
Ion	Ratio	Lower	Upper
152	100		
115	66.1	32.2	96.6
150	163.3	0.0	348.6

