

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084455.D
 Acq On : 22 Oct 2024 15:09
 Operator : JC\MD
 Sample : P4475-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-238-240

Quant Time: Oct 23 01:29:21 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)

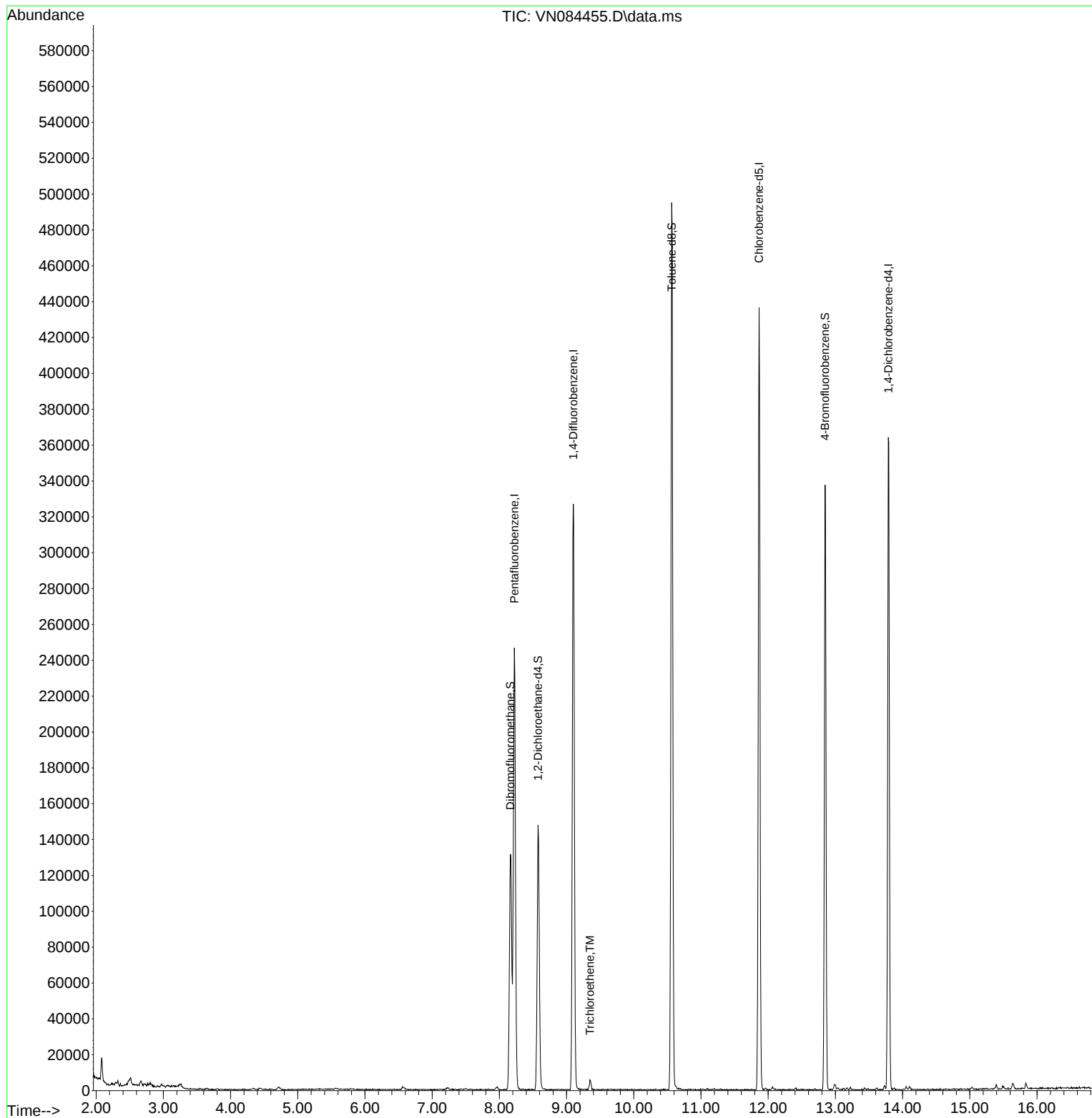
Internal Standards						
1) Pentafluorobenzene	8.224	168	173757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119376	46.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	8.165	113	96300	50.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	10.565	98	345288	48.912	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.847	95	119367	46.413	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.820%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.347	130	2227	1.098	ug/l	79

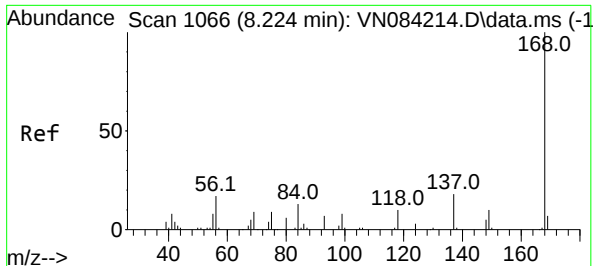
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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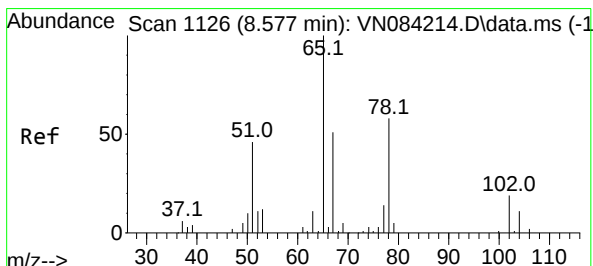
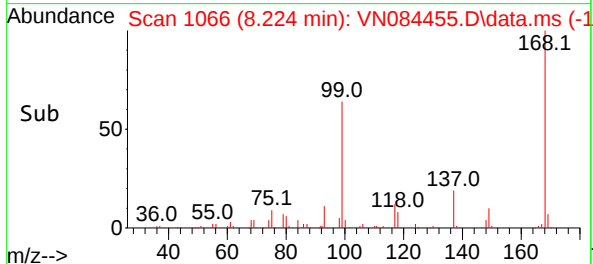
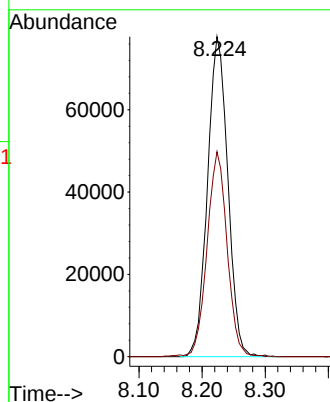
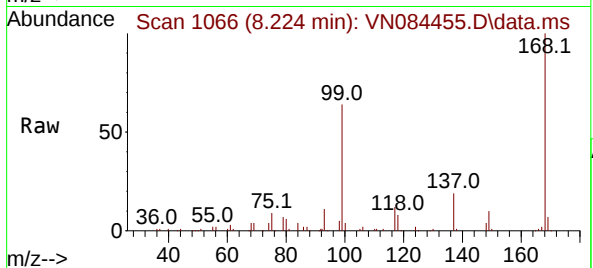




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084455.D
Acq: 22 Oct 2024 15:09

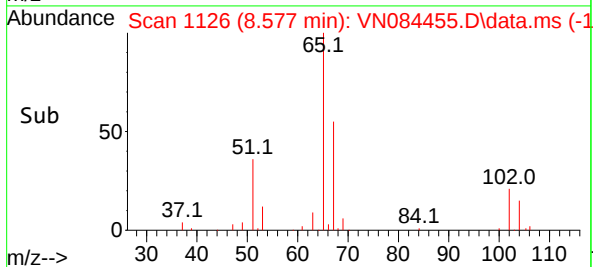
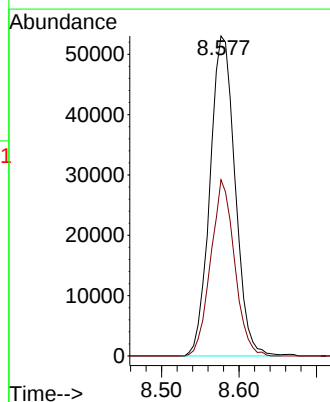
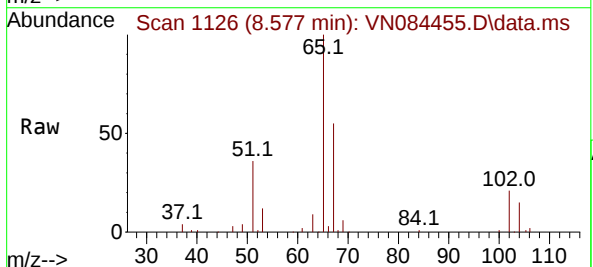
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-238-240

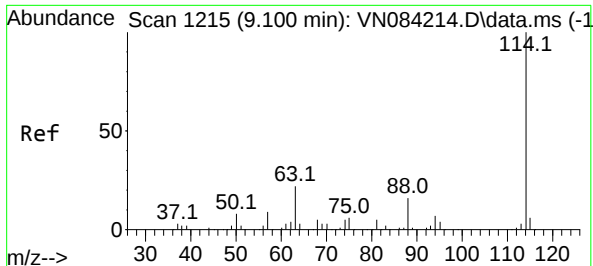
Tgt Ion:168 Resp: 173757
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 46.337 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084455.D
Acq: 22 Oct 2024 15:09

Tgt Ion: 65 Resp: 119376
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0

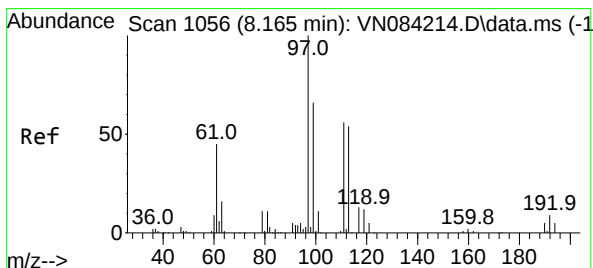
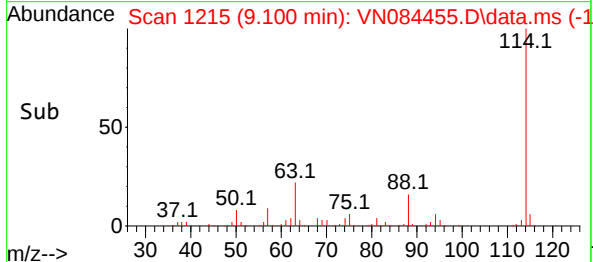
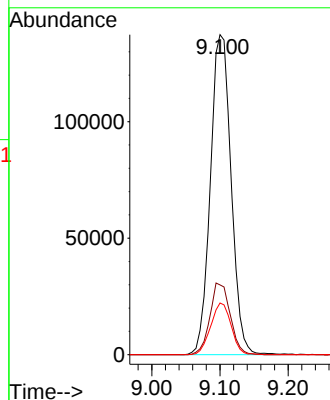
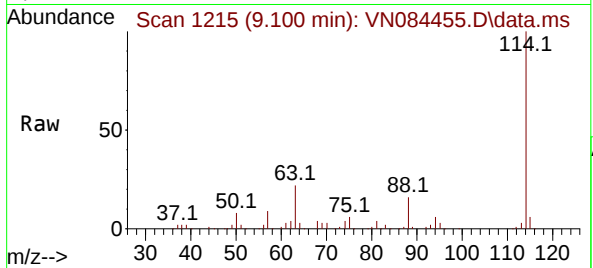




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084455.D
Acq: 22 Oct 2024 15:09

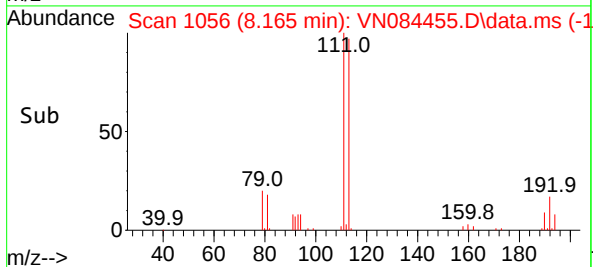
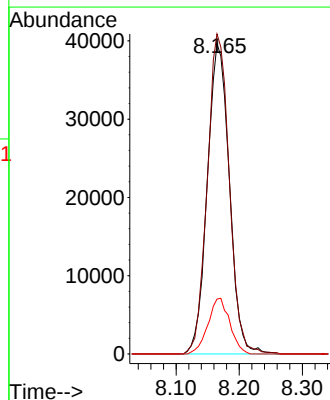
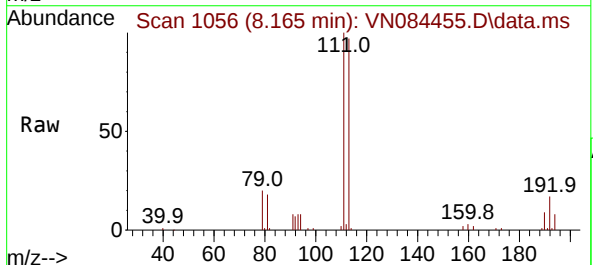
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-238-240

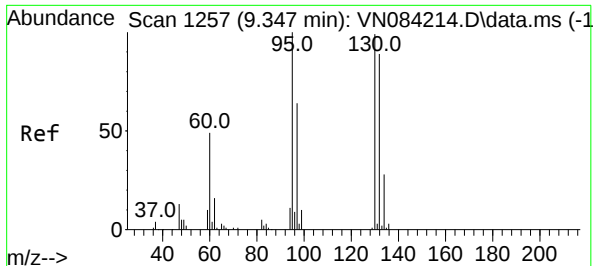
Tgt Ion:114 Resp: 291051
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.188 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084455.D
Acq: 22 Oct 2024 15:09

Tgt Ion:113 Resp: 96300
Ion Ratio Lower Upper
113 100
111 102.6 83.3 124.9
192 17.7 13.5 20.3





#44

Trichloroethene

Concen: 1.098 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084455.D

Acq: 22 Oct 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

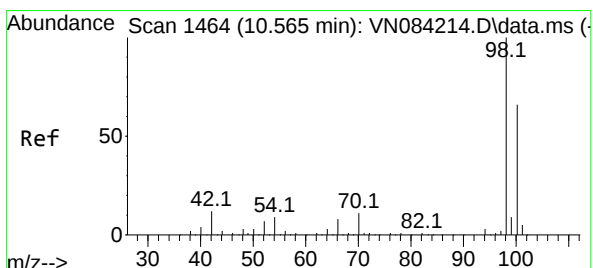
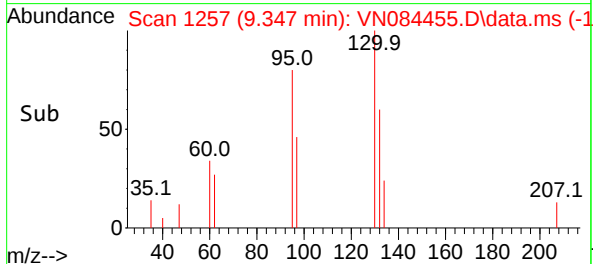
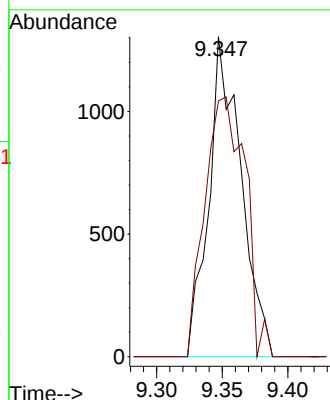
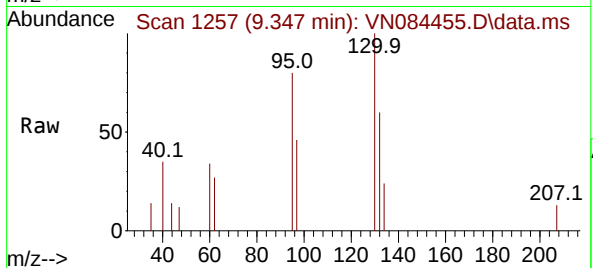
BP-VPB-190-GW-238-240

Tgt Ion:130 Resp: 2227

Ion Ratio Lower Upper

130 100

95 79.9 0.0 203.0



#50

Toluene-d8

Concen: 48.912 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084455.D

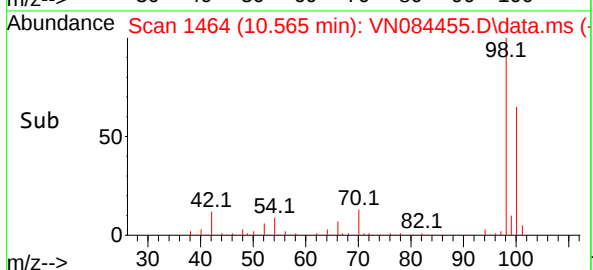
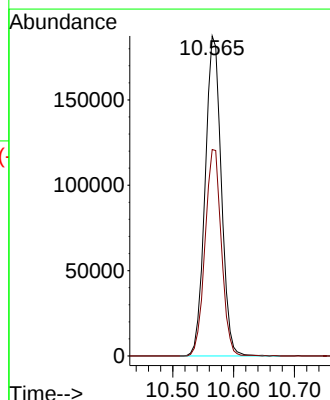
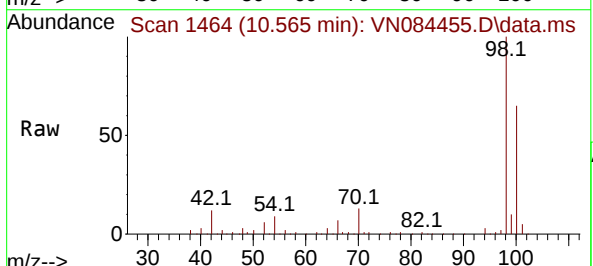
Acq: 22 Oct 2024 15:09

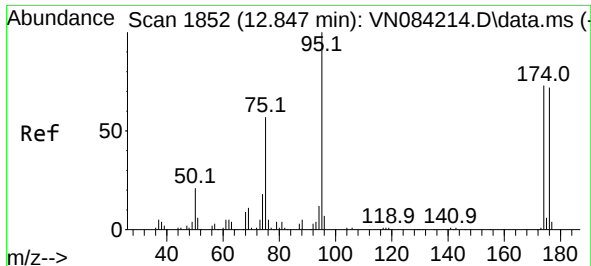
Tgt Ion: 98 Resp: 345288

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.413 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084455.D

Acq: 22 Oct 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-238-240

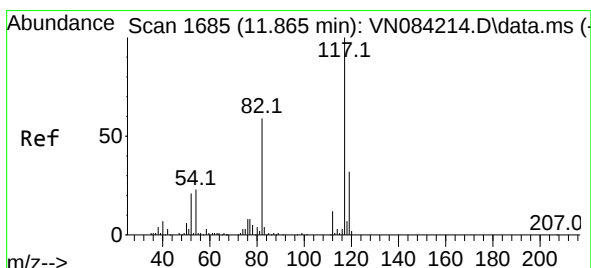
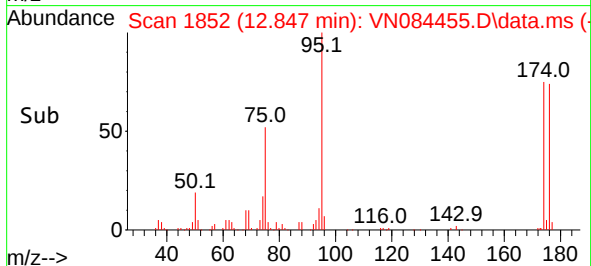
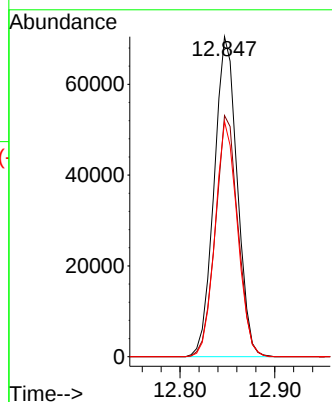
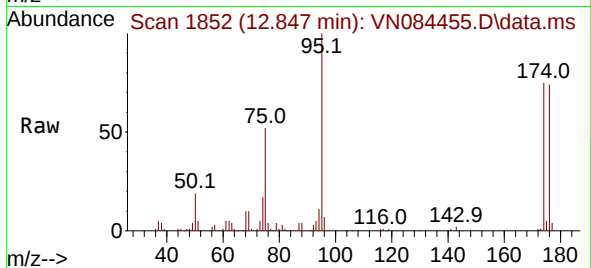
Tgt Ion: 95 Resp: 119367

Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.2

176 71.3 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: VN084455.D

Acq: 22 Oct 2024 15:09

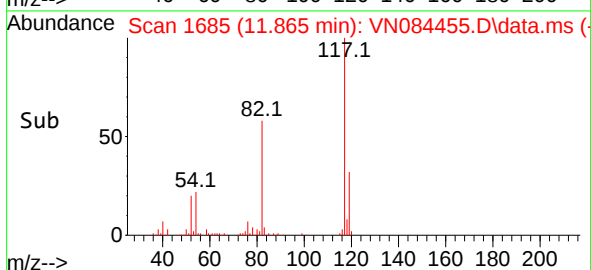
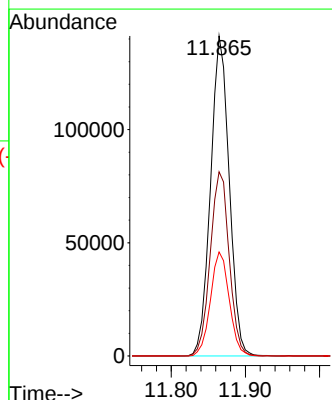
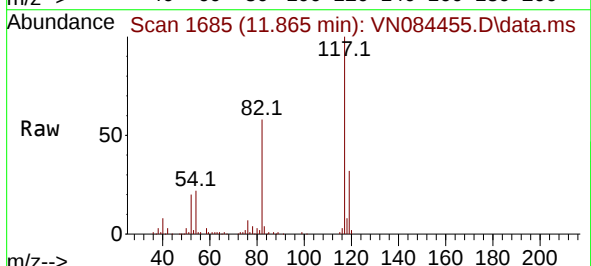
Tgt Ion: 117 Resp: 247138

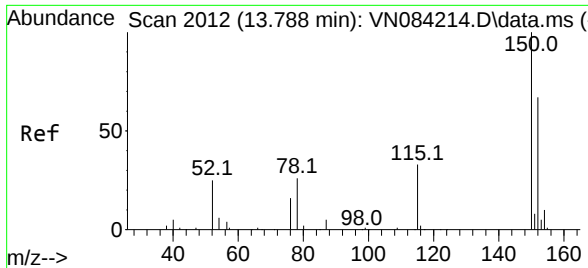
Ion Ratio Lower Upper

117 100

82 57.5 47.2 70.8

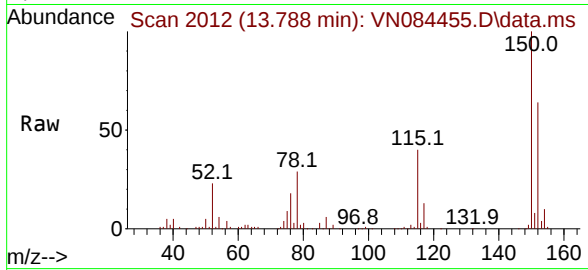
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084455.D
 Acq: 22 Oct 2024 15:09

Instrument :
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 ClientSampleId :
 BP-VPB-190-GW-238-240



Tgt Ion:	152	Resp:	100728
Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.3	93.9
150	155.2	0.0	349.8

