

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
Data File : VN084522.D
Acq On : 25 Oct 2024 17:38
Operator : JC\MD
Sample : P4550-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

Quant Time: Oct 25 23:37:11 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	134181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109398	54.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.980%
35) Dibromofluoromethane	8.165	113	88974	56.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.060%
50) Toluene-d8	10.559	98	1416	0.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.480%#
62) 4-Bromofluorobenzene	12.853	95	91016	42.761	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.520%

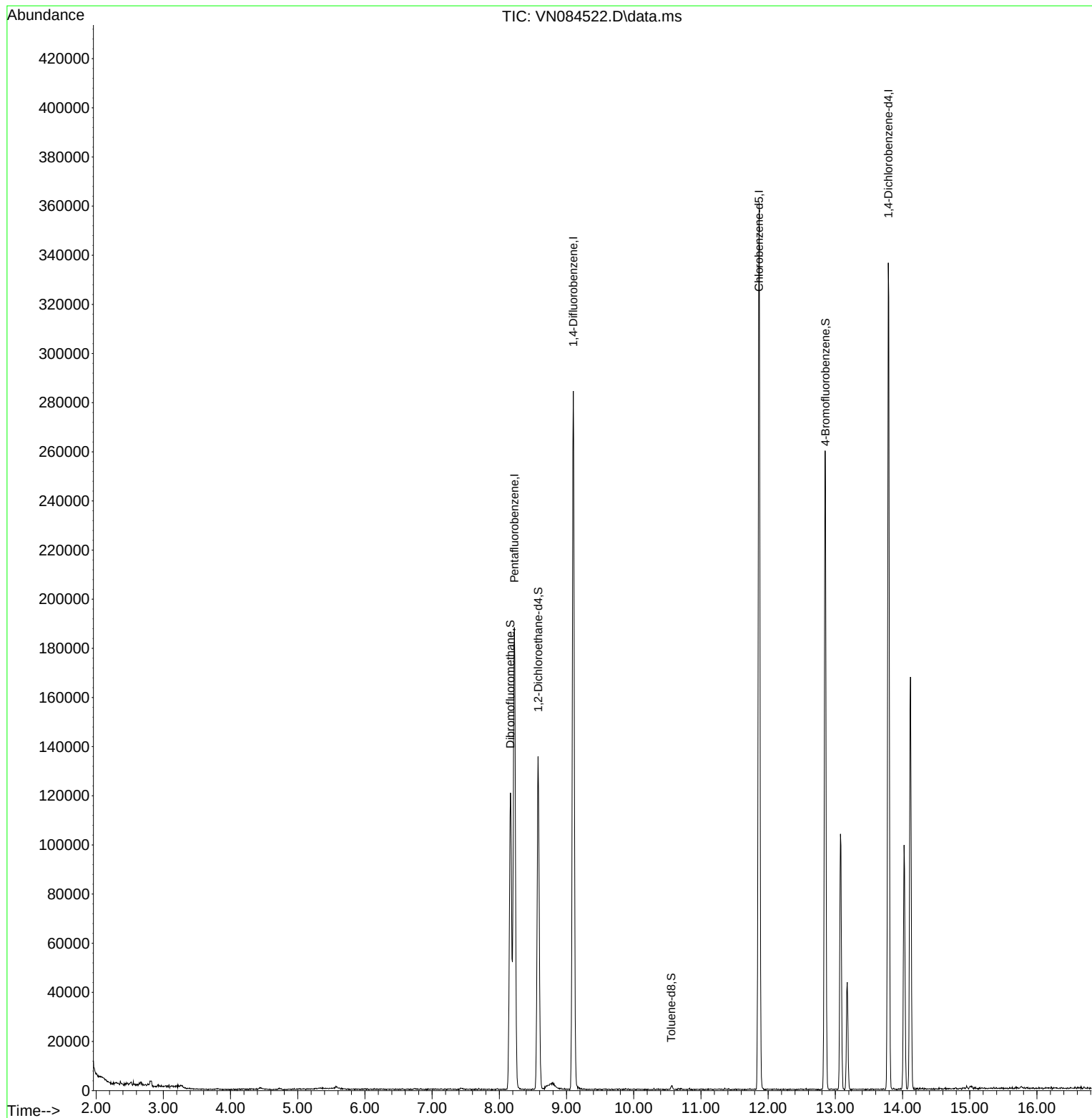
Target Compounds	Qvalue

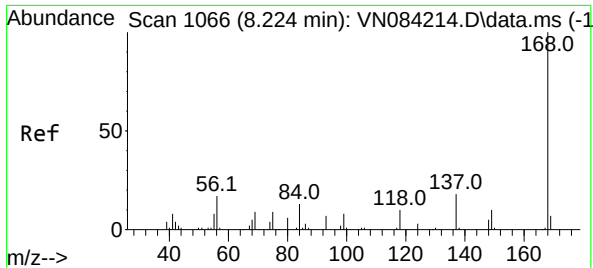
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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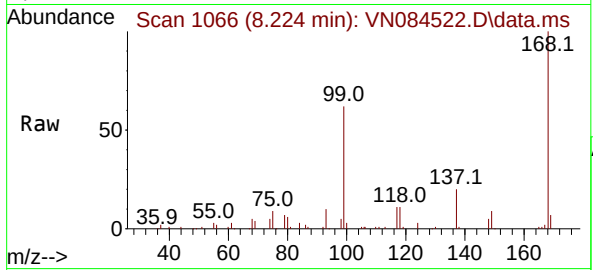
Quant Time: Oct 25 23:37:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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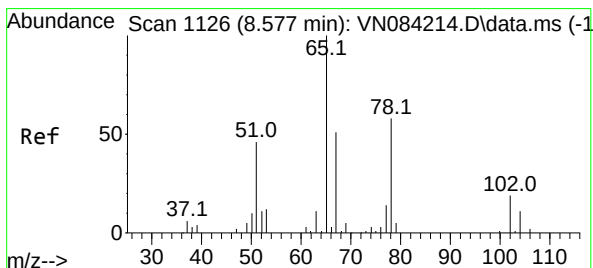
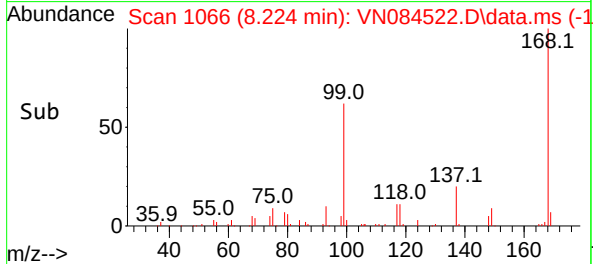
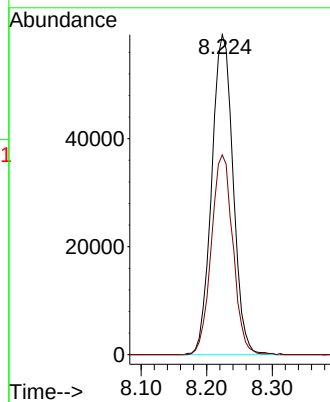


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

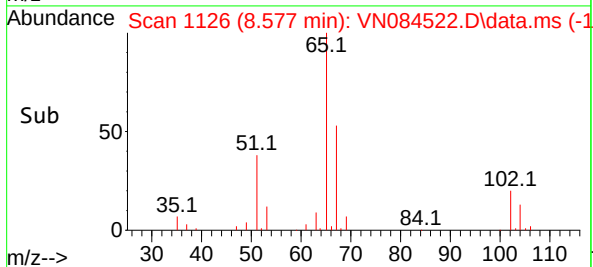
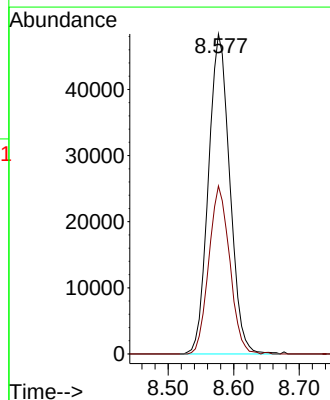
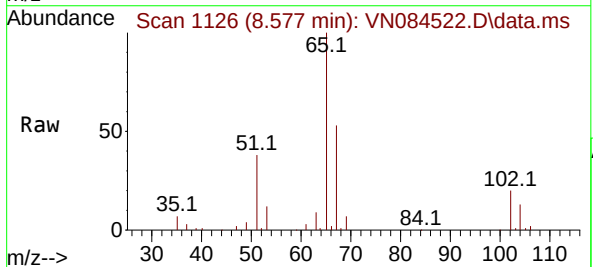


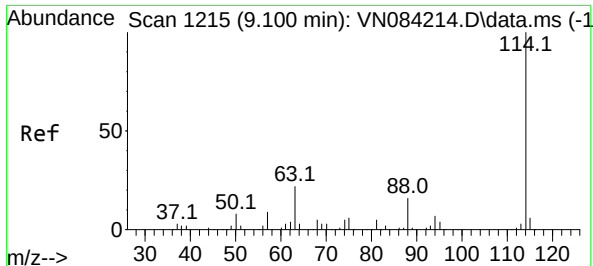
Tgt Ion:168 Resp: 134181
Ion Ratio Lower Upper
168 100
99 62.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion: 65 Resp: 109398
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# 1

Delta R.T. 0.000 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241023

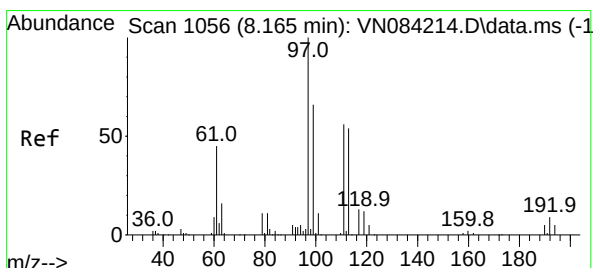
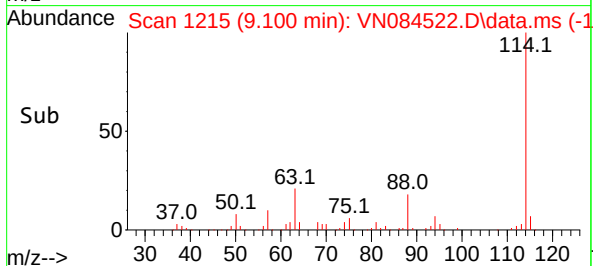
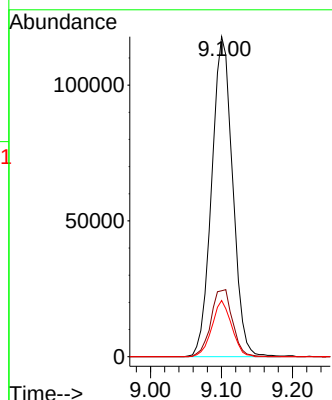
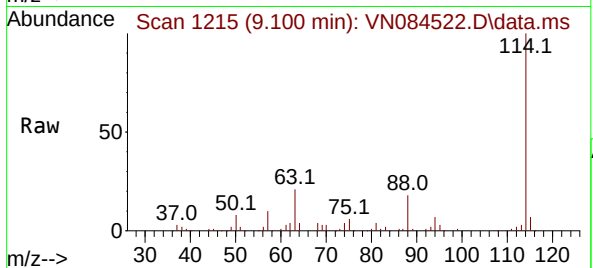
Tgt Ion:114 Resp: 240879

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.8

88 17.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 56.028 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

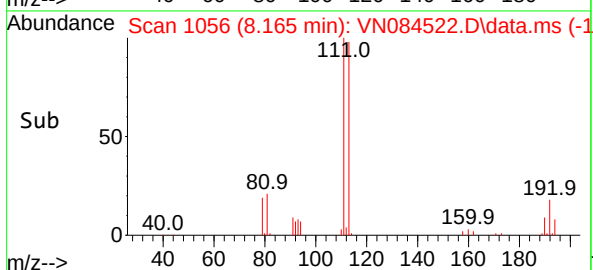
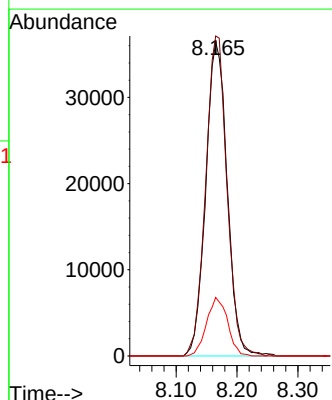
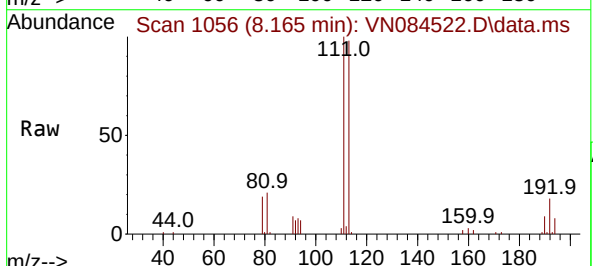
Tgt Ion:113 Resp: 88974

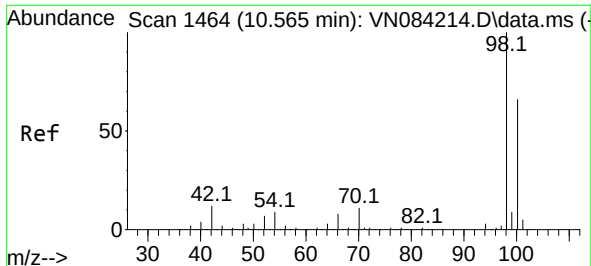
Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 18.3 13.5 20.3

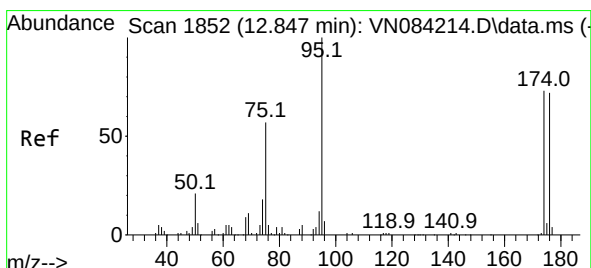
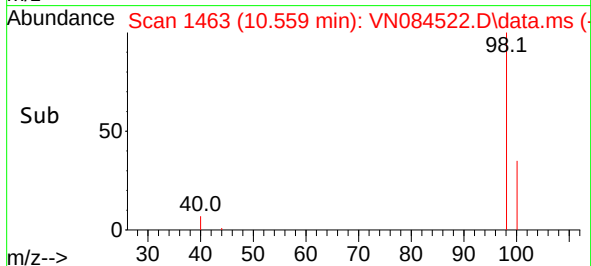
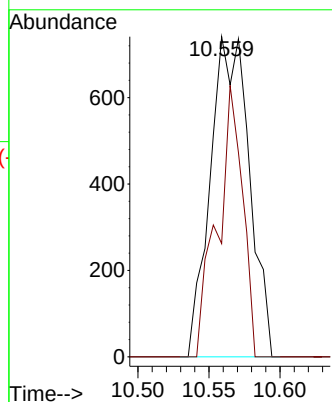
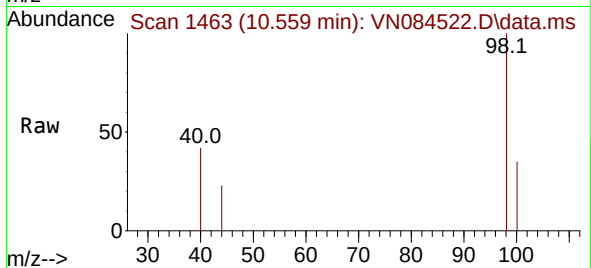




#50
Toluene-d8
Concen: 0.242 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

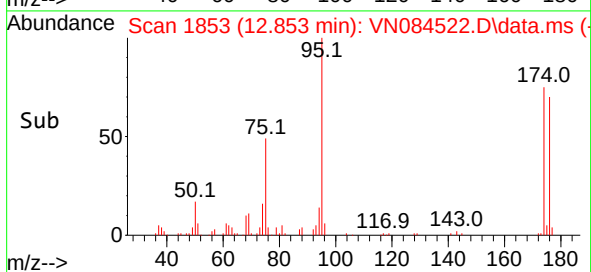
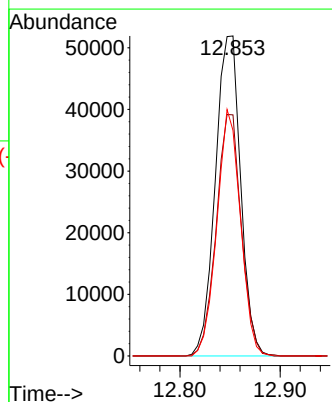
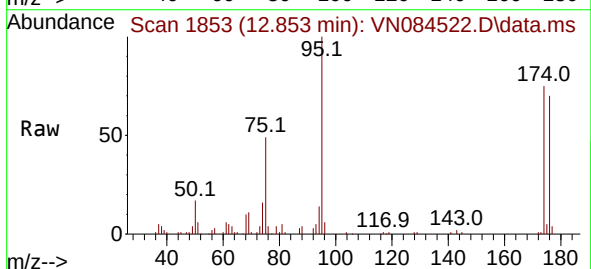
Instrument :
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VPB190-HYD-20241023

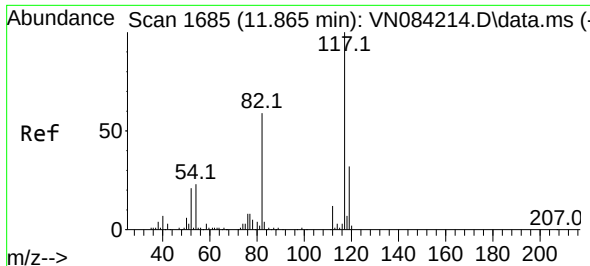
Tgt Ion: 98 Resp: 1416
Ion Ratio Lower Upper
98 100
100 54.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.761 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion: 95 Resp: 91016
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.2
176 71.7 0.0 140.0

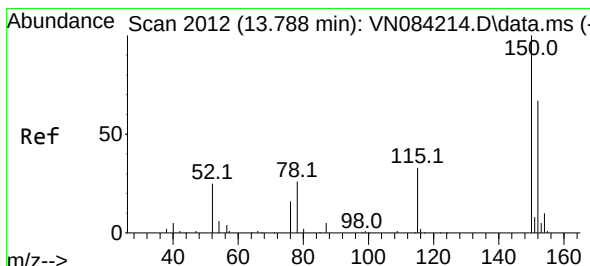
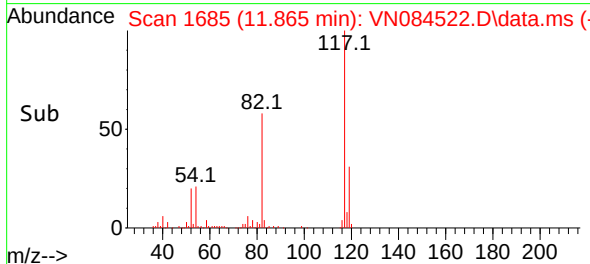
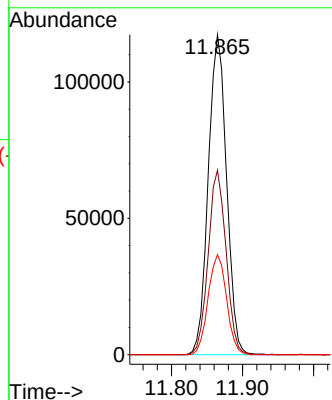
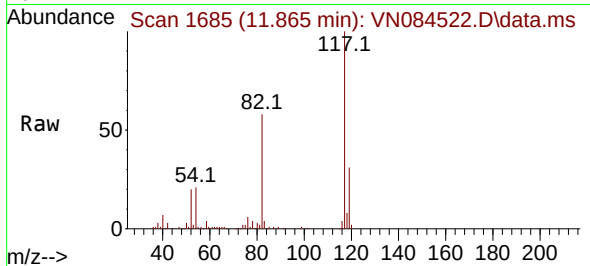




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

Tgt Ion:117 Resp: 209606
Ion Ratio Lower Upper
117 100
82 57.6 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: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion:152 Resp: 89988
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 156.6 0.0 349.8

