

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084544.D
 Acq On : 28 Oct 2024 17:05
 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 28 18:35:47 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	162703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	245056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120566	49.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.960%
35) Dibromofluoromethane	8.165	113	95755	51.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	10.565	98	334228	48.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.847	95	117140	46.711	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.420%

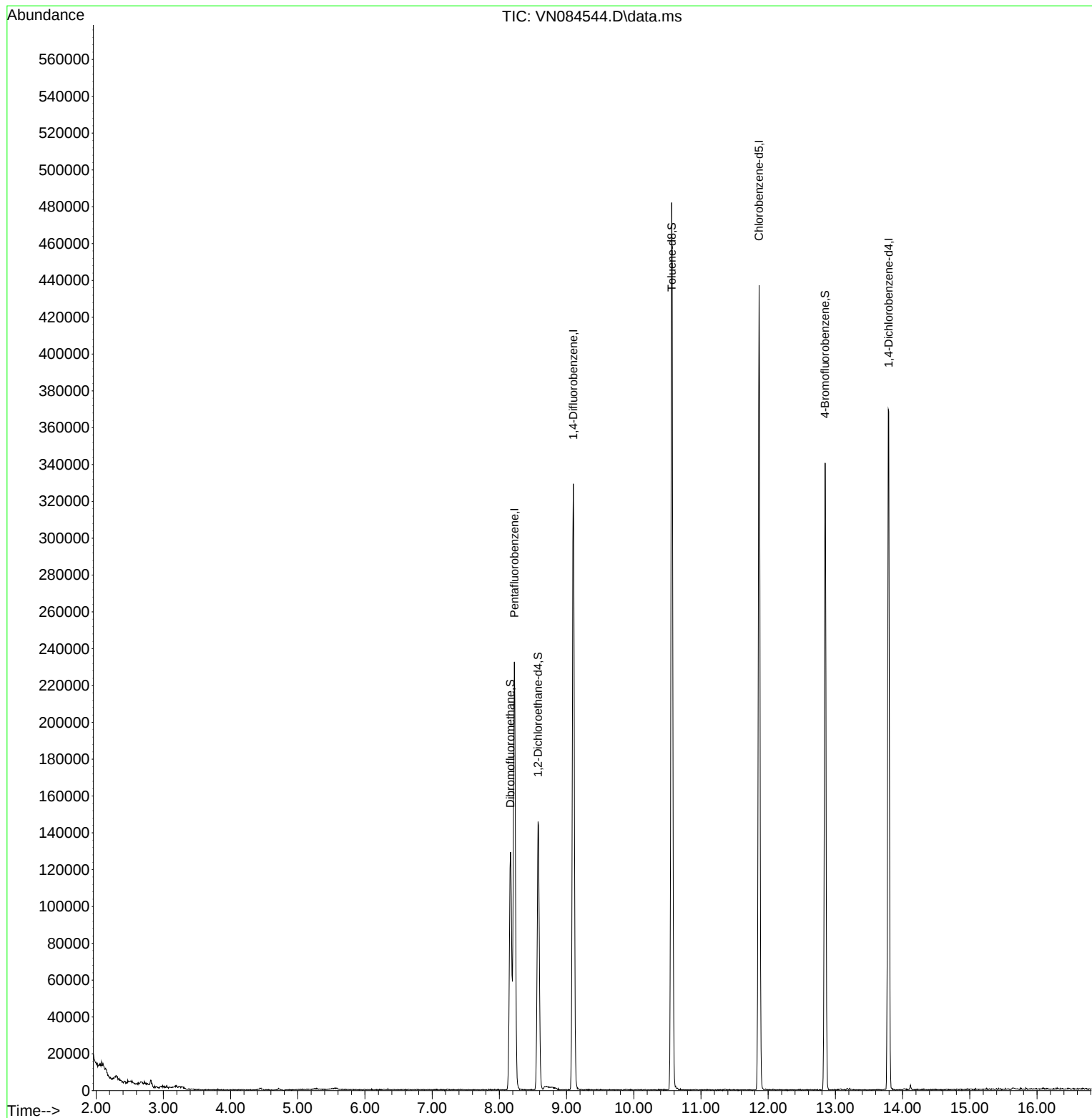
Target Compounds	Qvalue

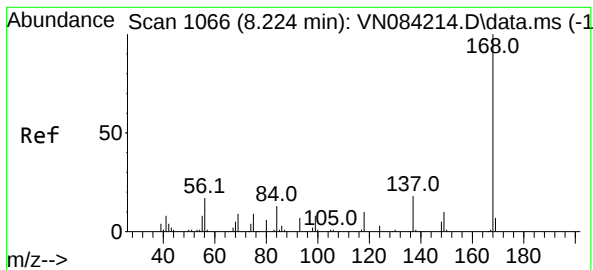
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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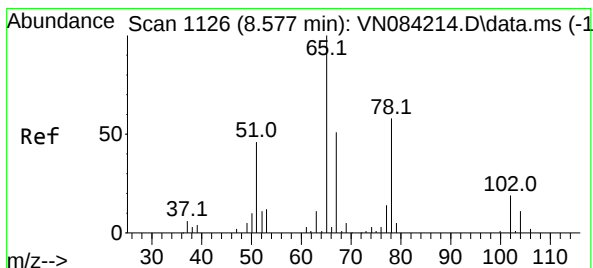
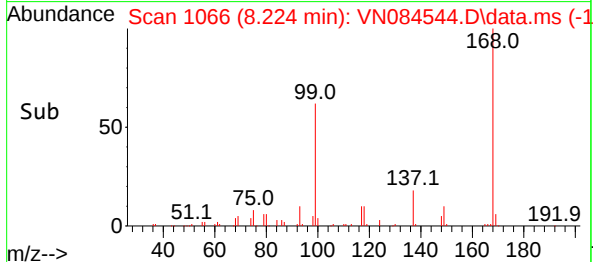
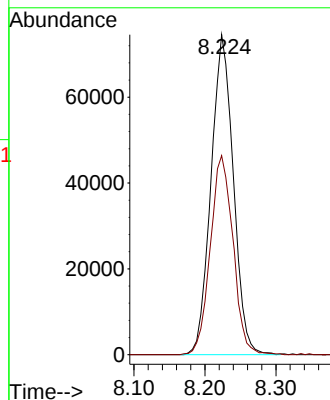
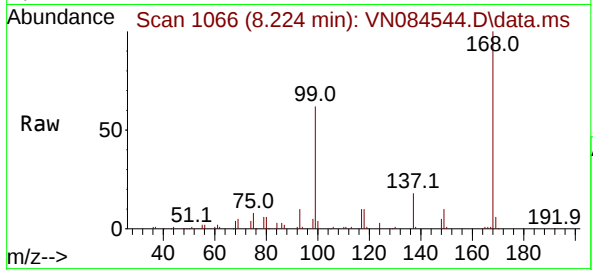




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

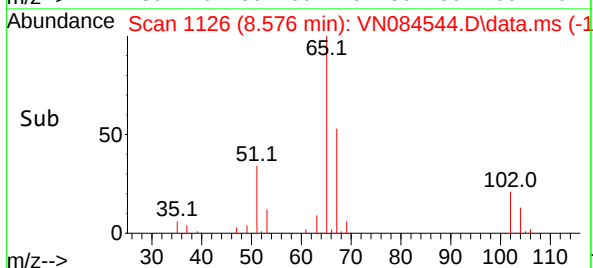
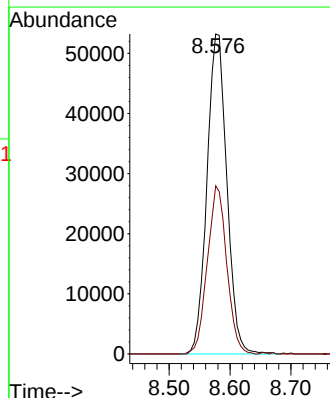
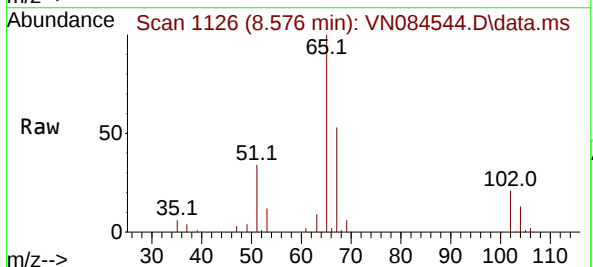
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

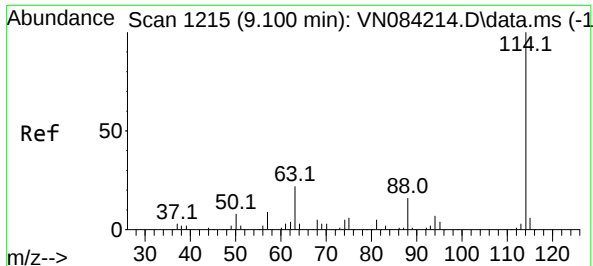
Tgt Ion:168 Resp: 162703
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.978 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 65 Resp: 120566
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

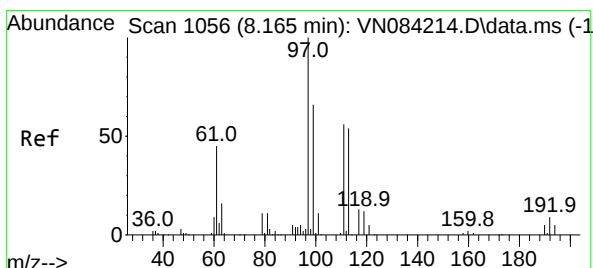
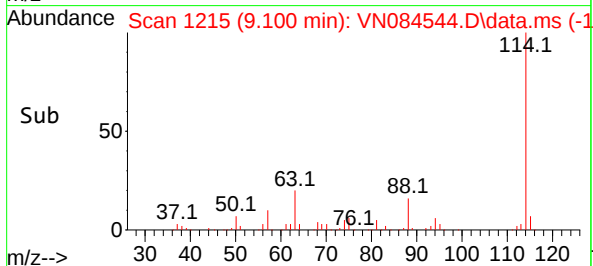
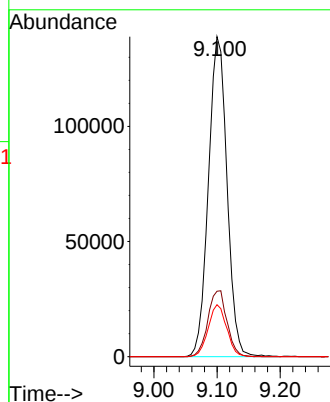
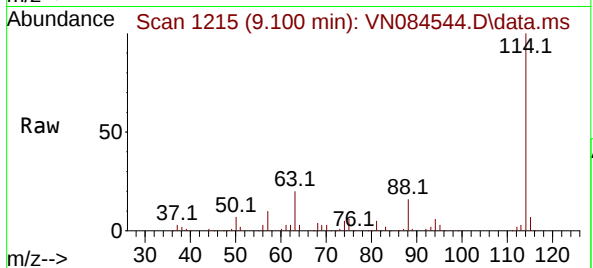




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

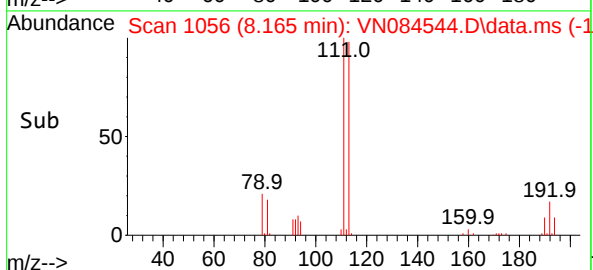
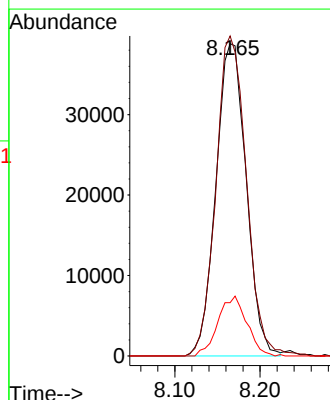
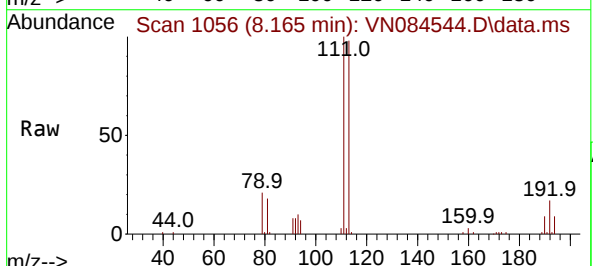
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MSVOA_N
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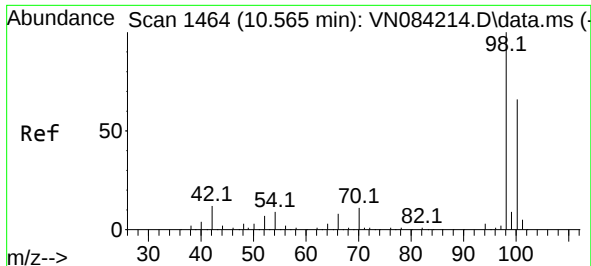
Tgt Ion:114 Resp: 283801
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion:113 Resp: 95755
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 18.3 13.5 20.3

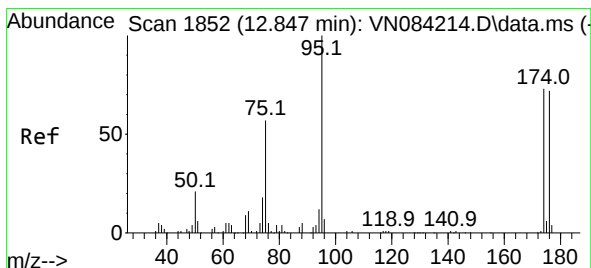
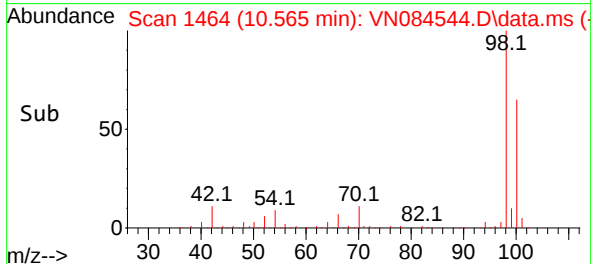
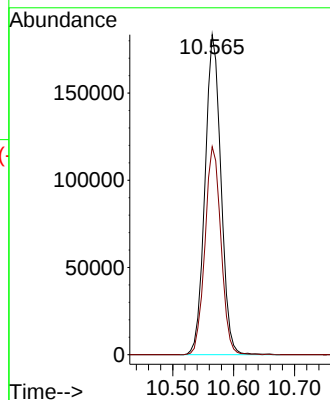
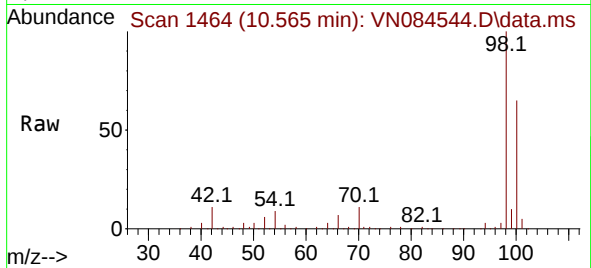




#50
Toluene-d8
Concen: 48.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

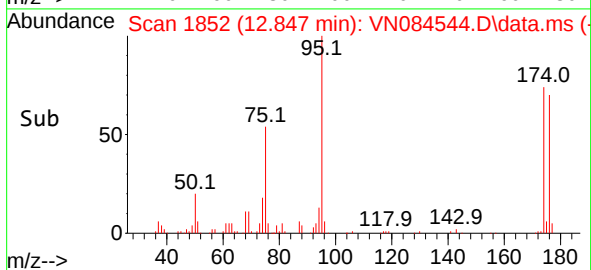
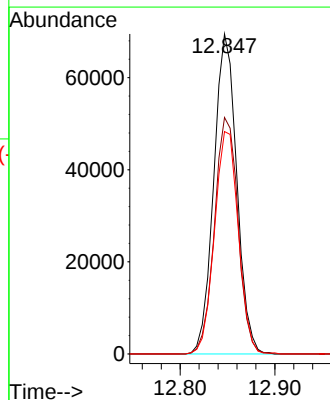
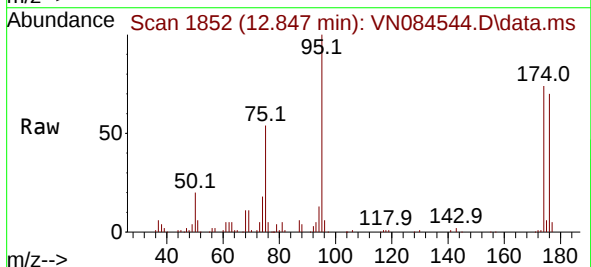
Instrument :
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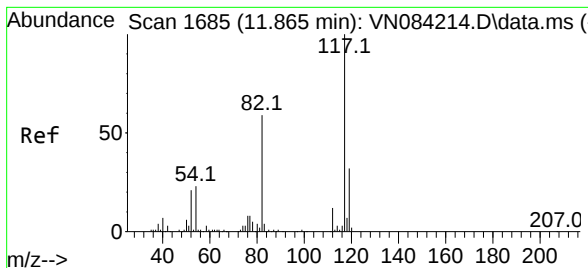
Tgt Ion: 98 Resp: 334228
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 95 Resp: 117140
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 72.2 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084544.D

Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241023

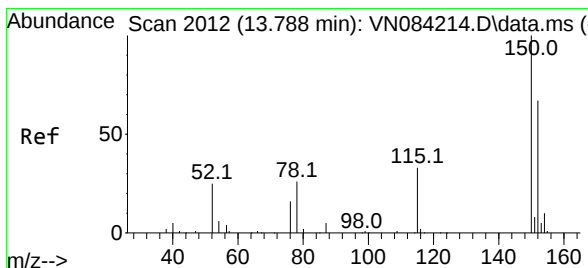
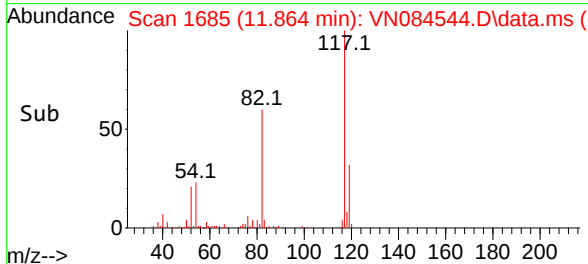
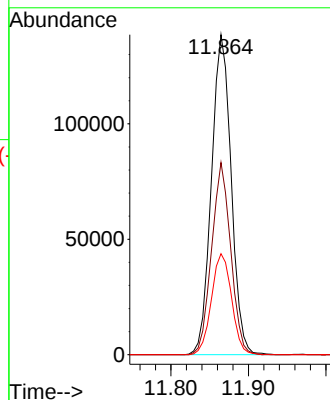
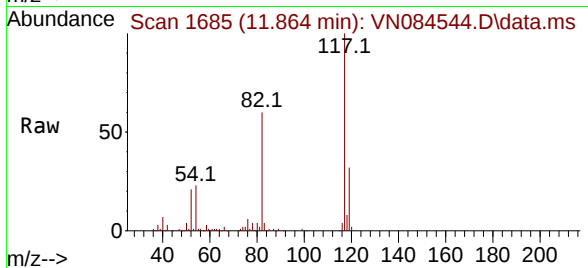
Tgt Ion:117 Resp: 245056

Ion Ratio Lower Upper

117 100

82 60.0 47.2 70.8

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084544.D

Acq: 28 Oct 2024 17:05

Tgt Ion:152 Resp: 101775

Ion Ratio Lower Upper

152 100

115 63.6 31.3 93.9

150 158.7 0.0 349.8

