

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084430.D
 Acq On : 21 Oct 2024 12:36
 Operator : JC\MD
 Sample : VN1021WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Quant Time: Oct 22 01:31:14 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	167468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120667	48.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.165	113	99495	51.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.565	98	349958	48.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.847	95	116683	44.690	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.380%

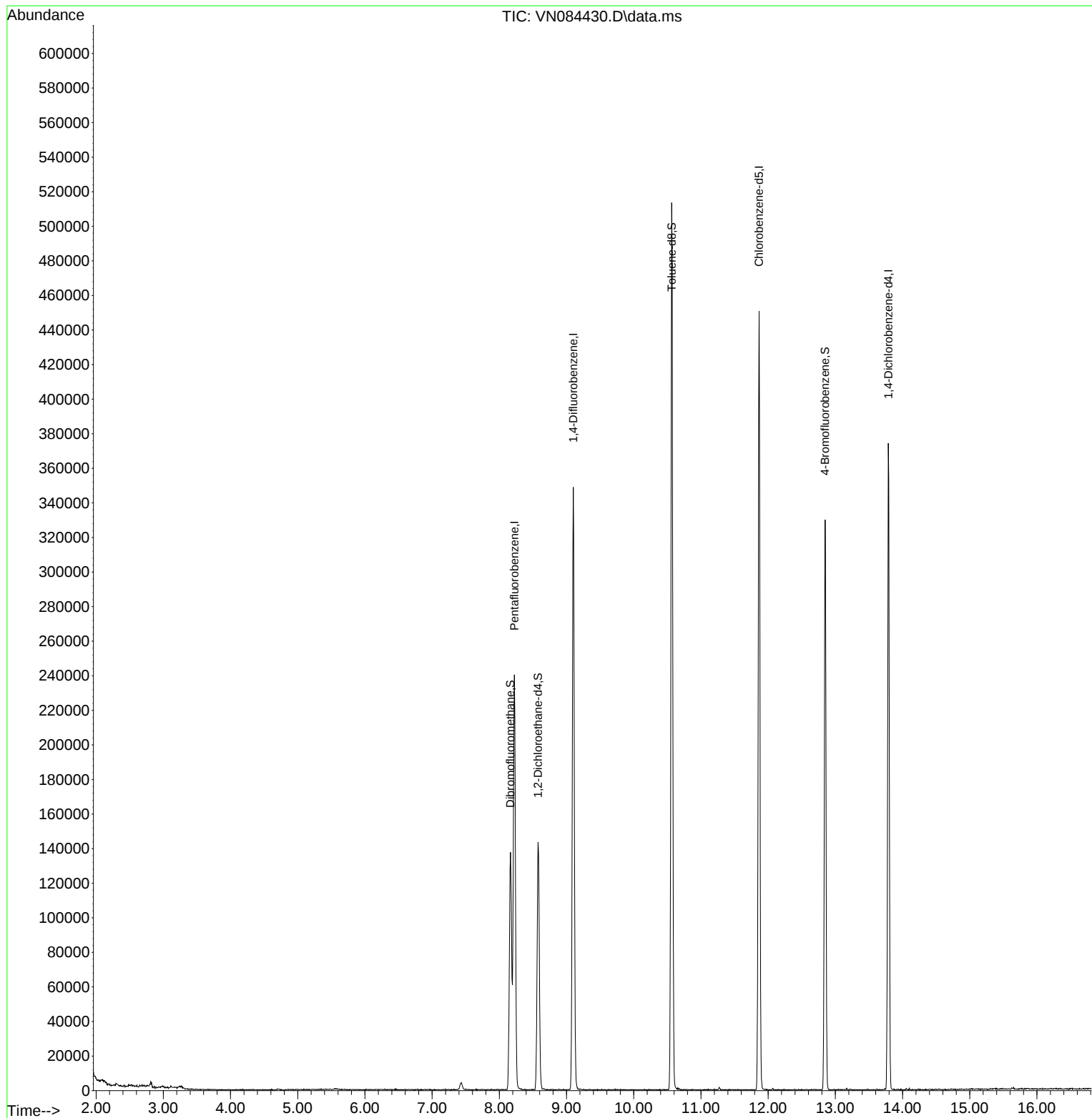
Target Compounds	Qvalue

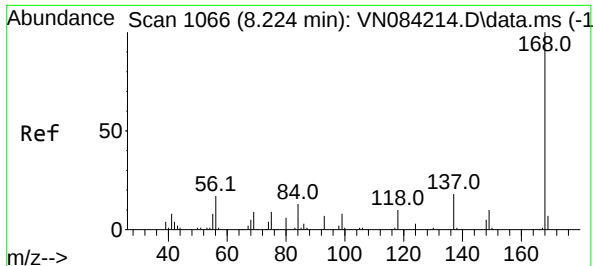
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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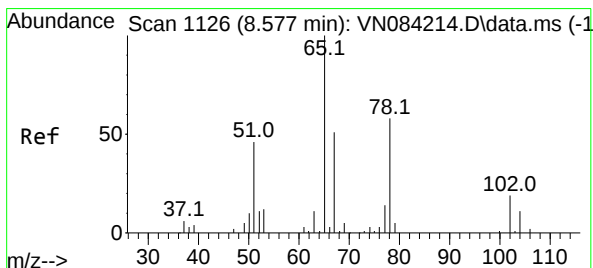
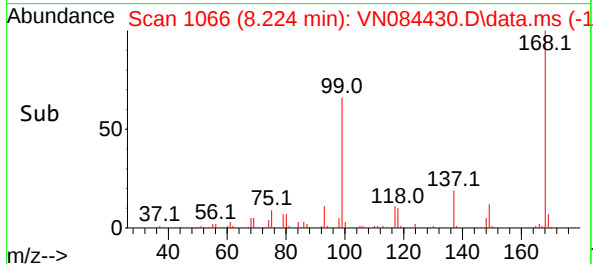
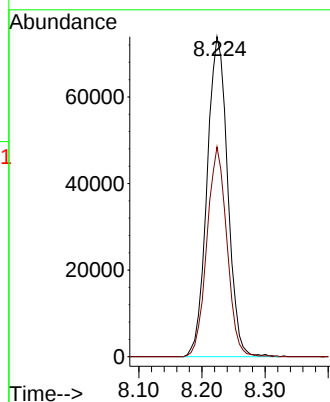
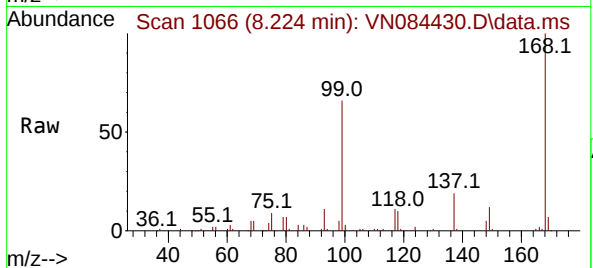




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

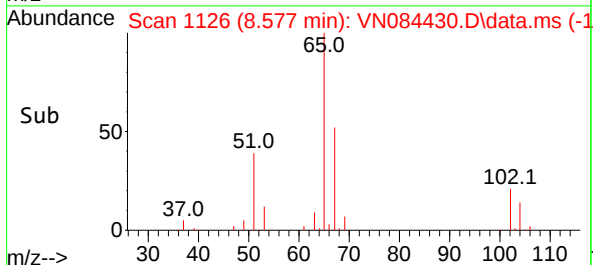
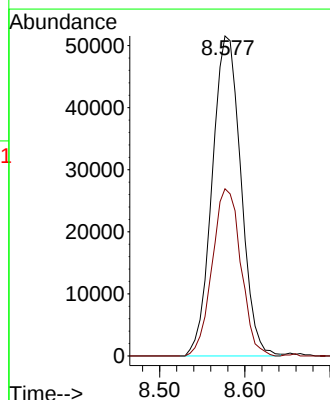
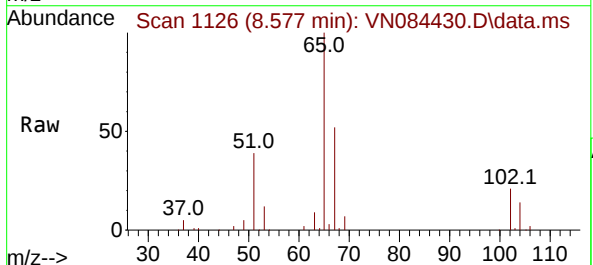
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

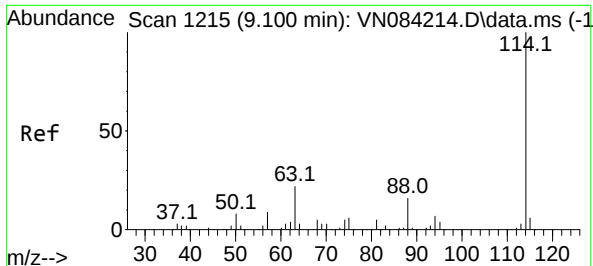
Tgt Ion:168 Resp: 167468
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.597 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 65 Resp: 120667
Ion Ratio Lower Upper
65 100
67 52.1 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: VN084430.D

Acq: 21 Oct 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBL01

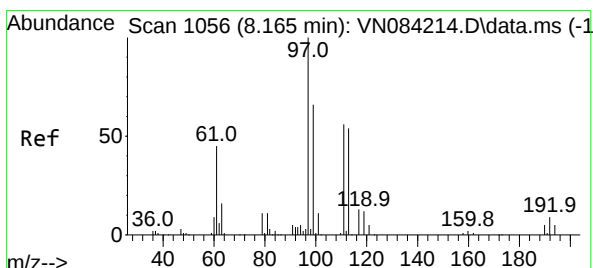
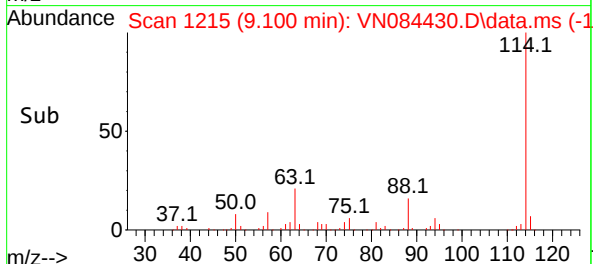
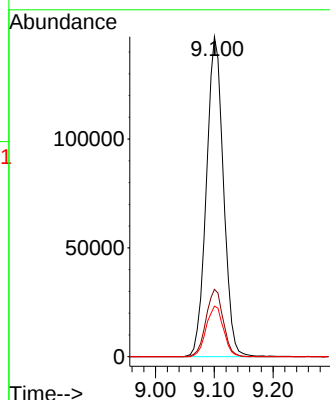
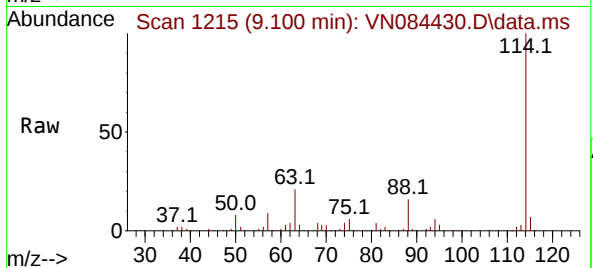
Tgt Ion:114 Resp: 295479

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.076 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084430.D

Acq: 21 Oct 2024 12:36

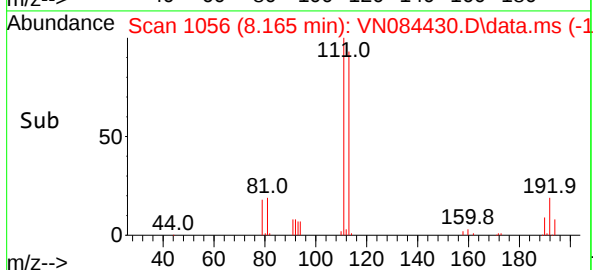
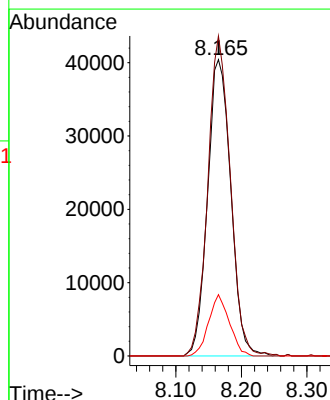
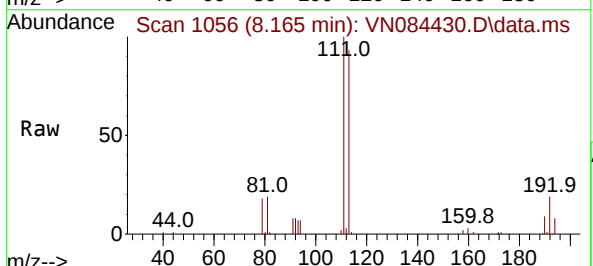
Tgt Ion:113 Resp: 99495

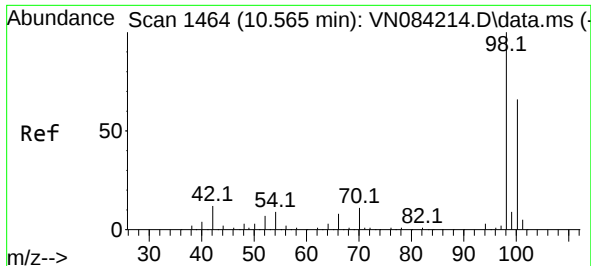
Ion Ratio Lower Upper

113 100

111 104.6 83.3 124.9

192 18.5 13.5 20.3

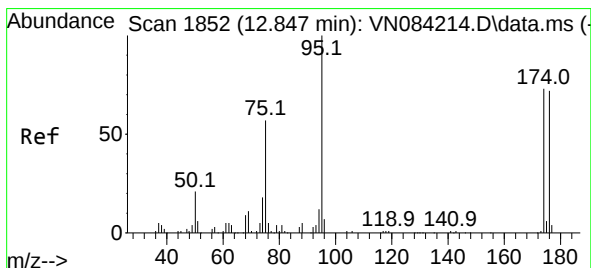
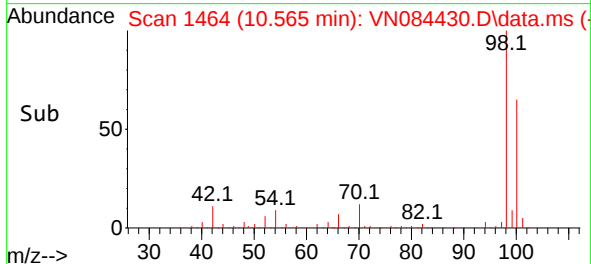
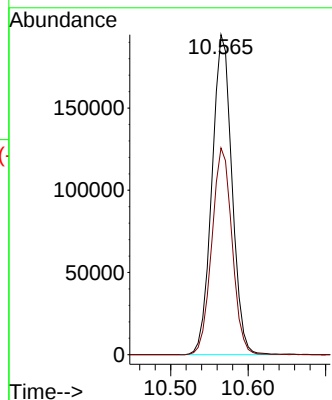
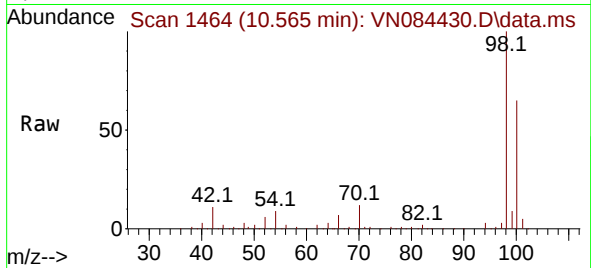




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

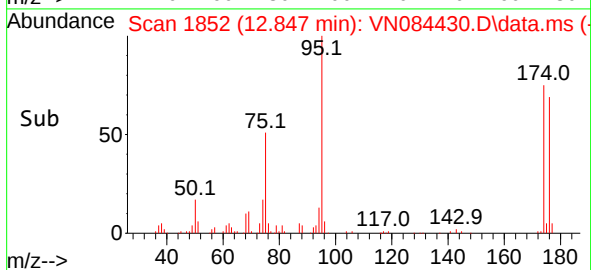
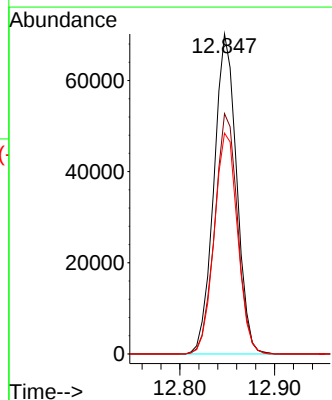
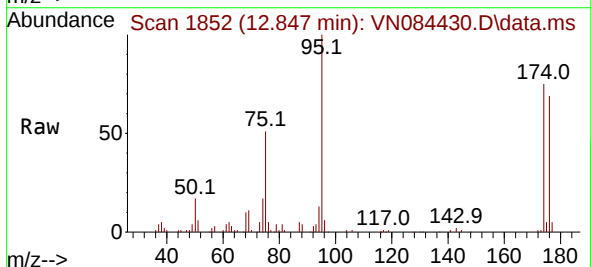
Instrument :
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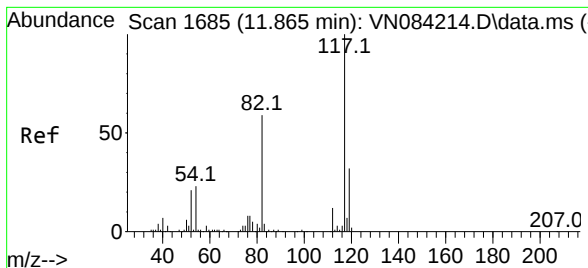
Tgt Ion: 98 Resp: 349958
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 95 Resp: 116683
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 71.0 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: VN084430.D

Acq: 21 Oct 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBL01

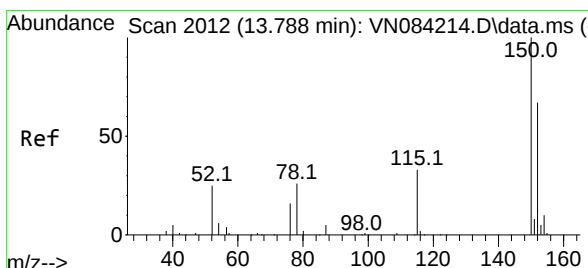
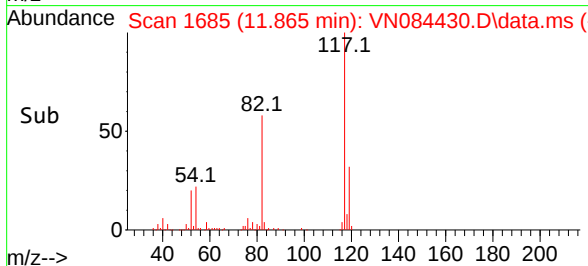
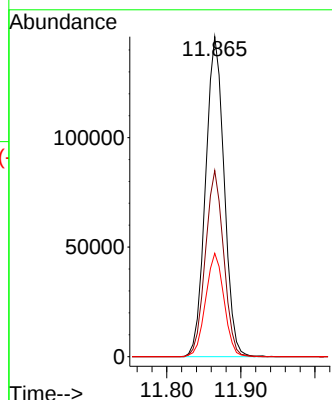
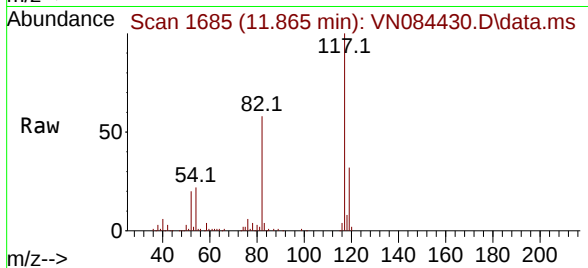
Tgt Ion:117 Resp: 254088

Ion Ratio Lower Upper

117 100

82 58.2 47.2 70.8

119 32.3 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: VN084430.D

Acq: 21 Oct 2024 12:36

Tgt Ion:152 Resp: 99954

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.9

150 155.5 0.0 349.8

