

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084530.D
 Acq On : 28 Oct 2024 10:40
 Operator : JC\MD
 Sample : VN1028MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028MBL01

Quant Time: Oct 28 14:14:07 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	150918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109717	49.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	87621	49.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	10.565	98	304166	47.051	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.847	95	93608	39.747	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.500%

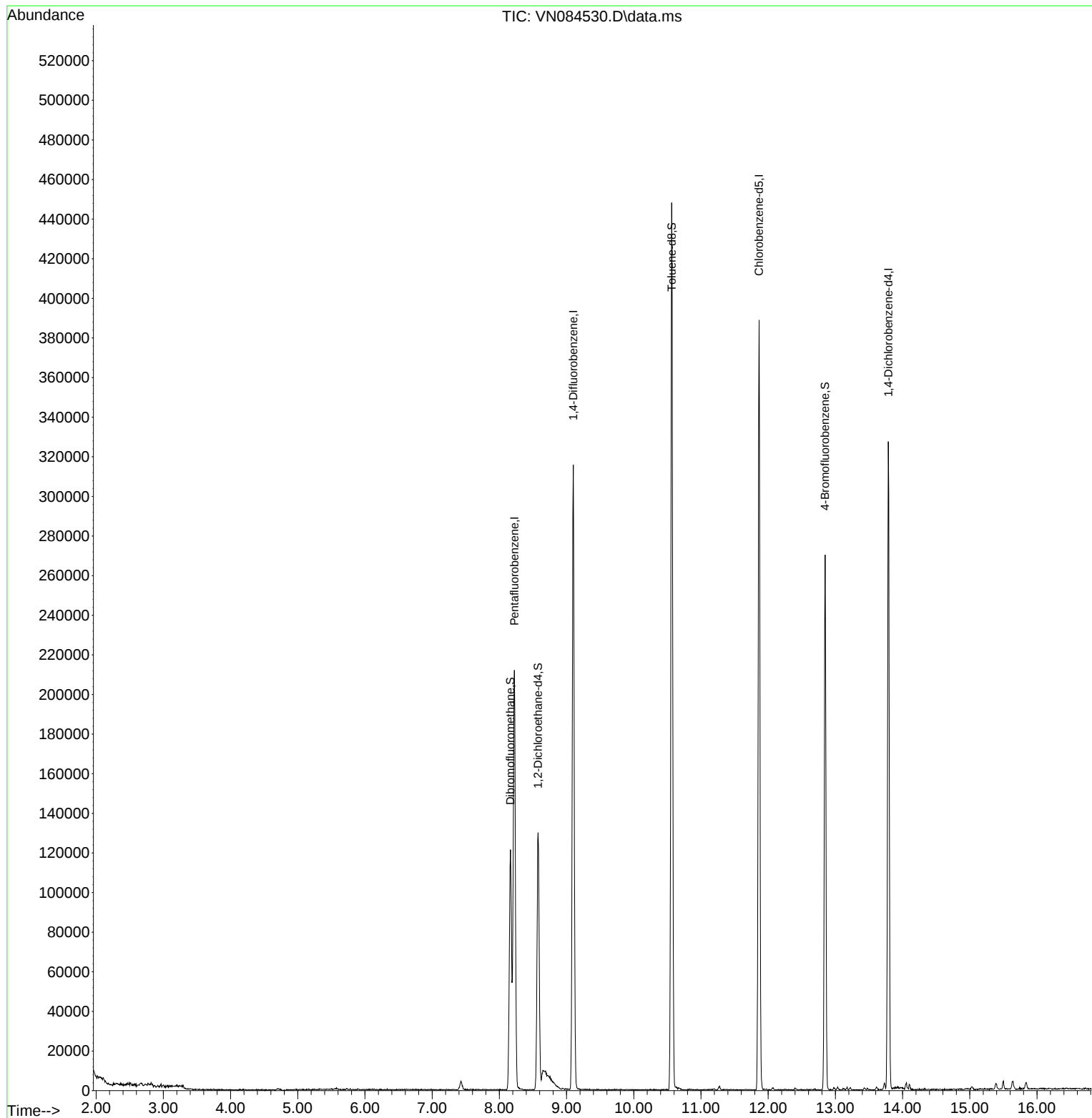
Target Compounds	Qvalue

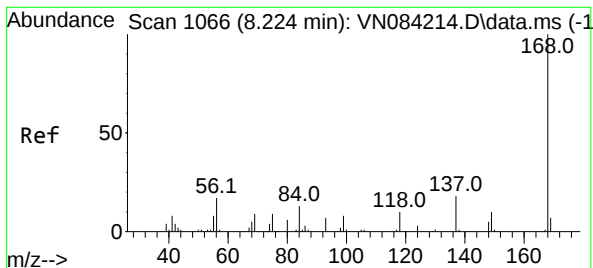
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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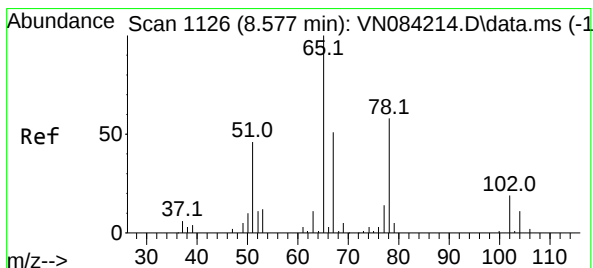
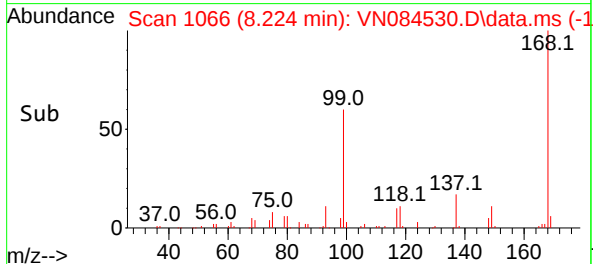
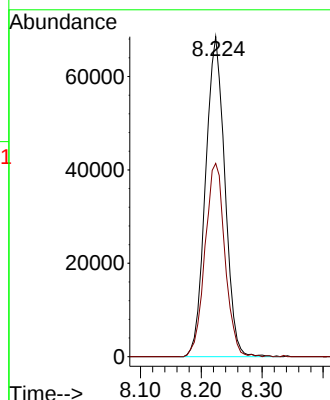
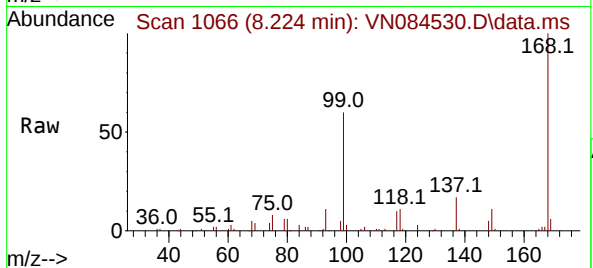




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084530.D
Acq: 28 Oct 2024 10:40

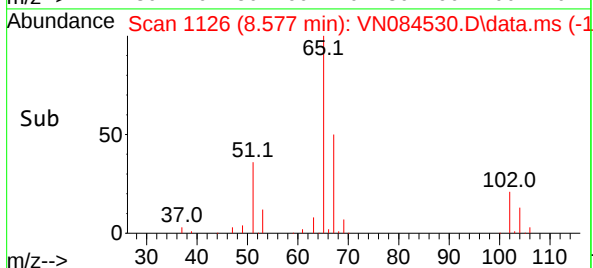
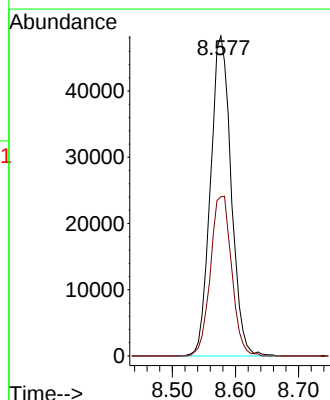
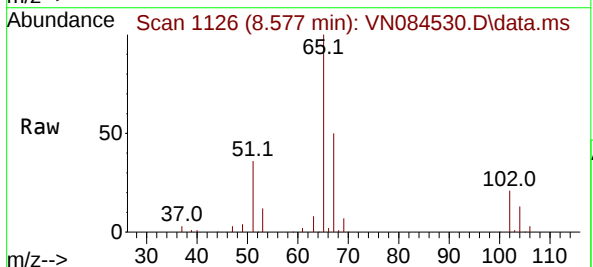
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

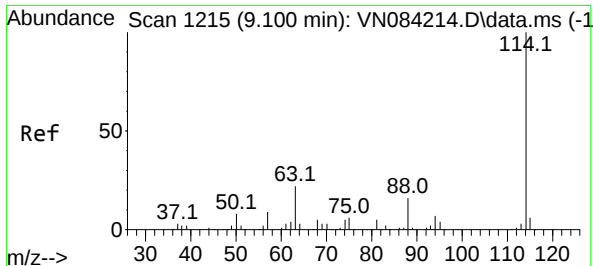
Tgt Ion:168 Resp: 150918
Ion Ratio Lower Upper
168 100
99 60.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.032 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084530.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 65 Resp: 109717
Ion Ratio Lower Upper
65 100
67 51.3 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: VN084530.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1028MBL01

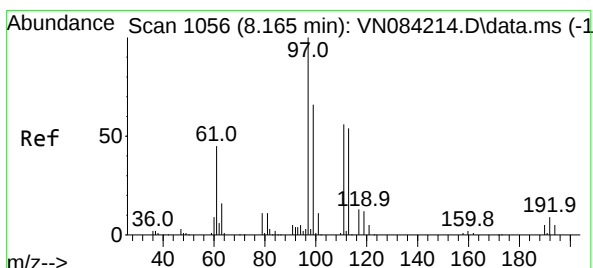
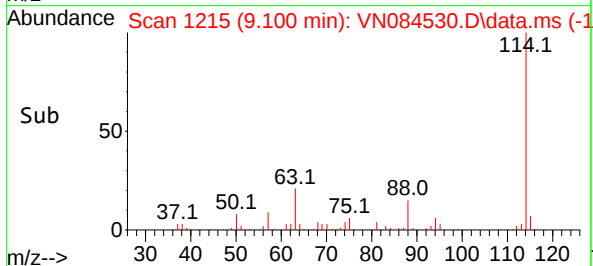
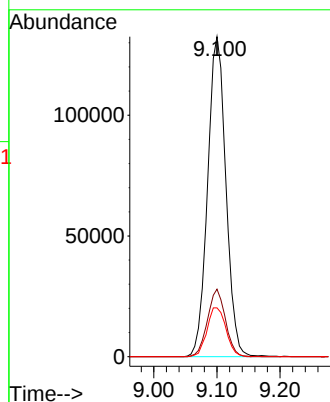
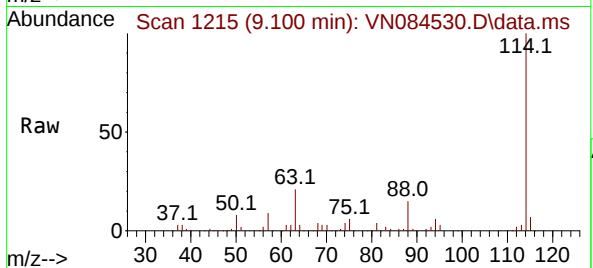
Tgt Ion:114 Resp: 266527

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 15.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.866 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084530.D

Acq: 28 Oct 2024 10:40

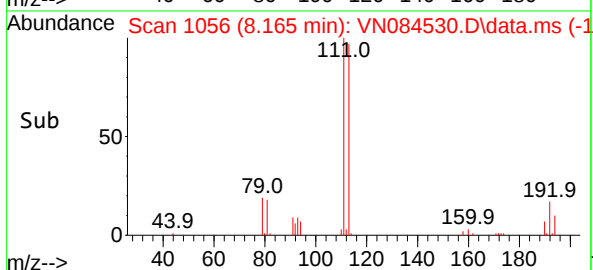
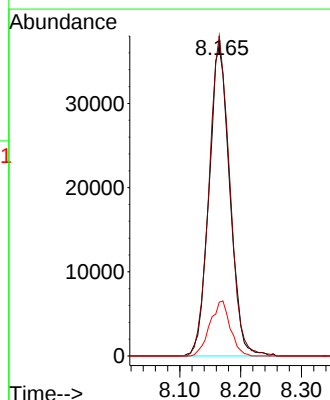
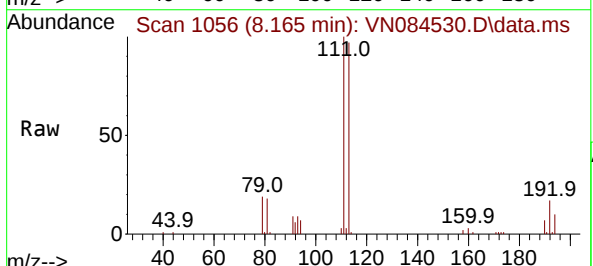
Tgt Ion:113 Resp: 87621

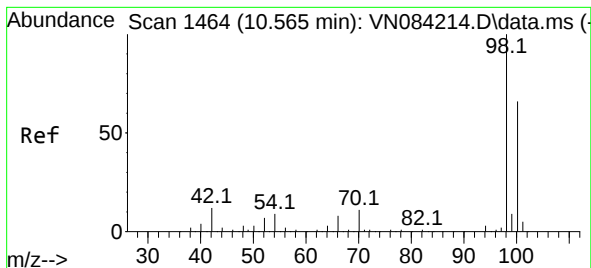
Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 17.3 13.5 20.3





#50

Toluene-d8

Concen: 47.051 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084530.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

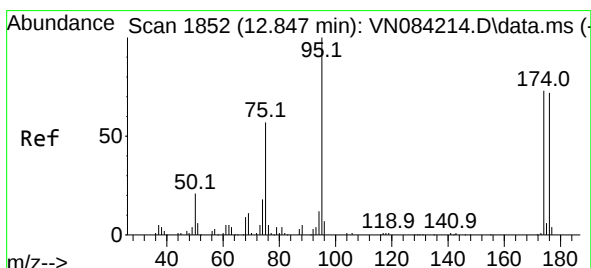
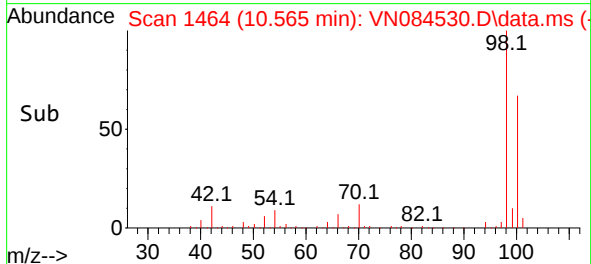
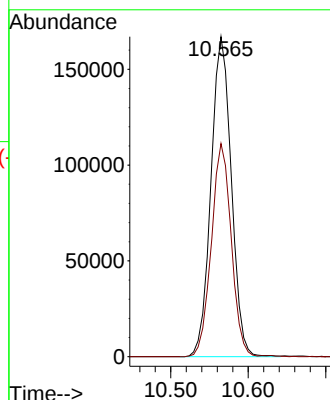
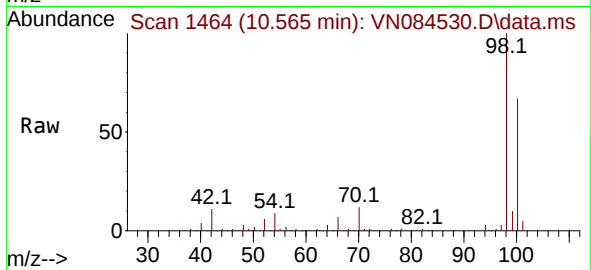
VN1028MBL01

Tgt Ion: 98 Resp: 304166

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 39.747 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084530.D

Acq: 28 Oct 2024 10:40

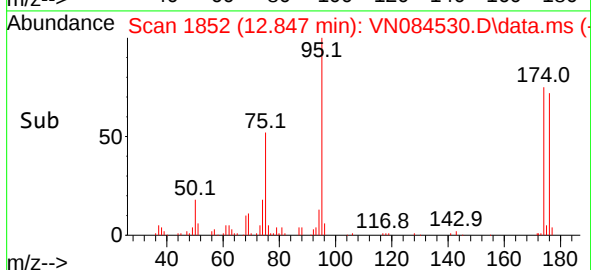
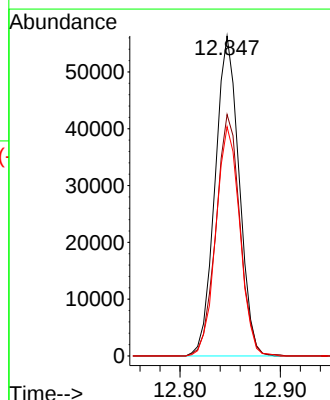
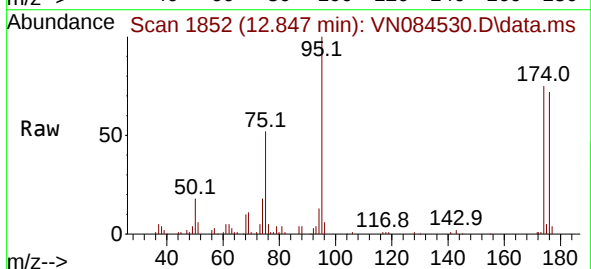
Tgt Ion: 95 Resp: 93608

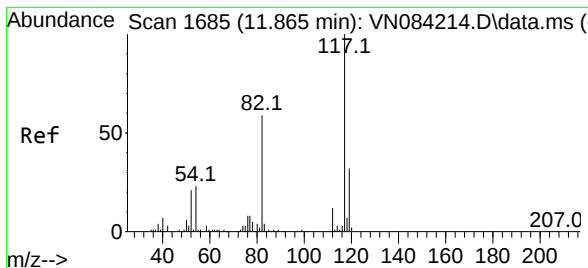
Ion Ratio Lower Upper

95 100

174 75.5 0.0 145.2

176 71.5 0.0 140.0

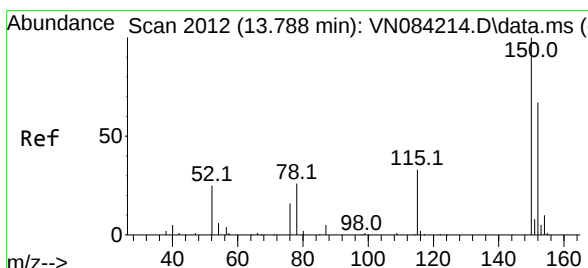
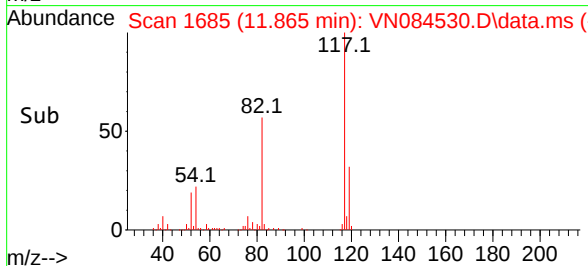
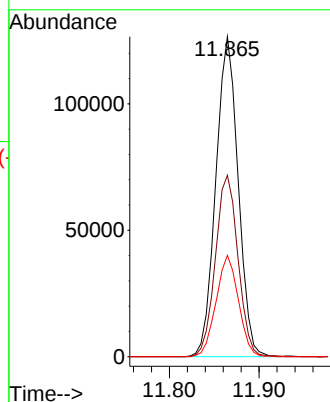
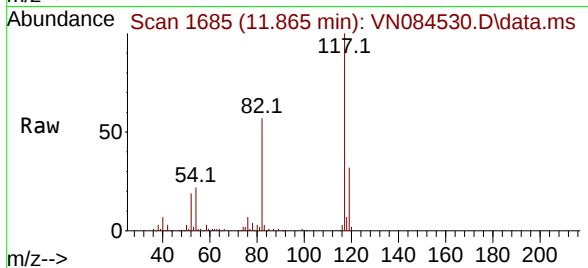




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084530.D
Acq: 28 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

Tgt Ion:117 Resp: 218747
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 31.7 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: VN084530.D
Acq: 28 Oct 2024 10:40

Tgt Ion:152 Resp: 88336
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.9
150 156.4 0.0 349.8

