

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084499.D
 Acq On : 24 Oct 2024 19:33
 Operator : JC\MD
 Sample : P4488-09 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HCC-1

Quant Time: Oct 25 08:48:25 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)

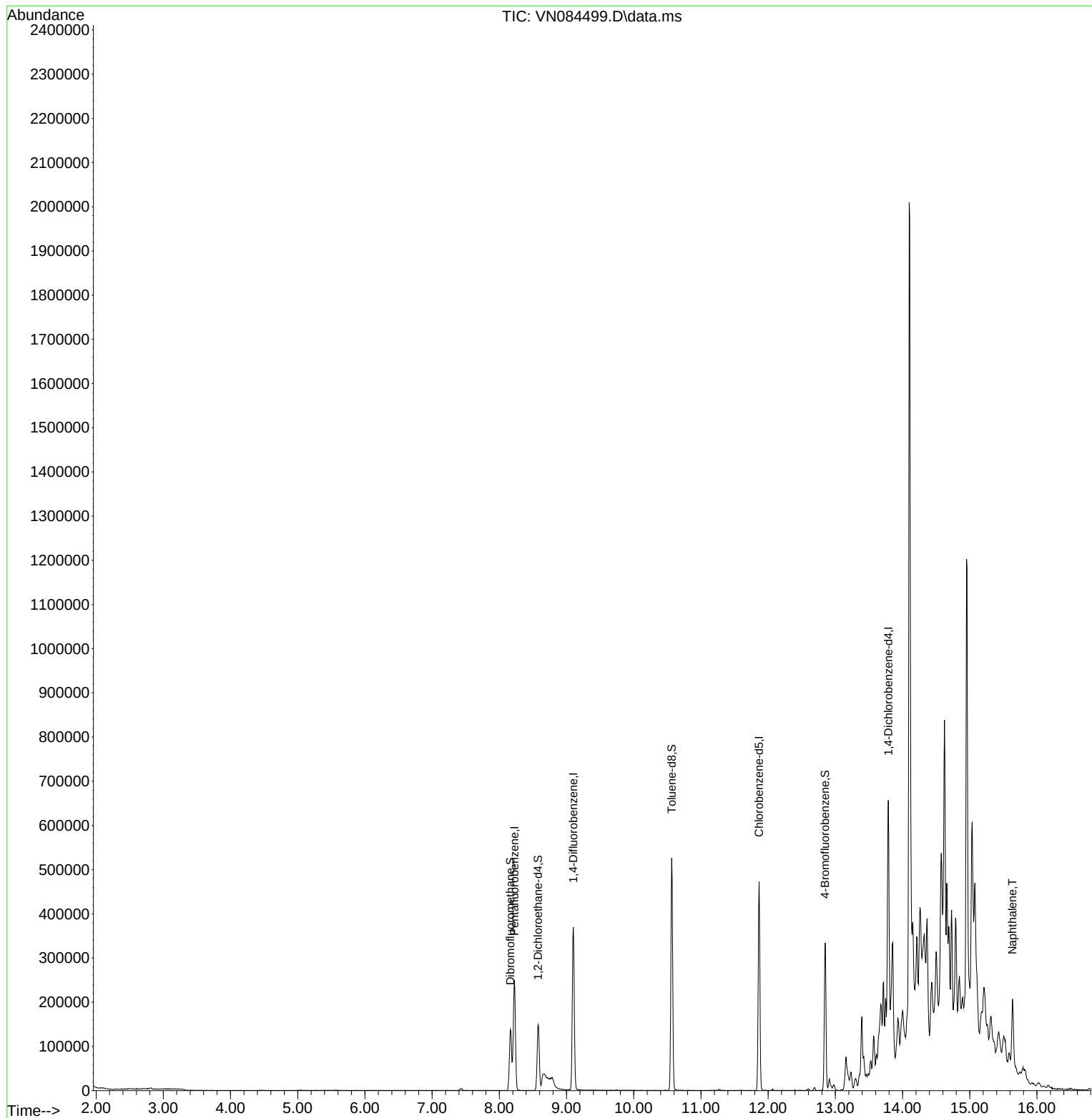
Internal Standards						
1) Pentafluorobenzene	8.224	168	174362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126052	48.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.165	113	99451	47.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	10.565	98	362611	47.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.847	95	118866	42.306	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.620%
Target Compounds						
95) Naphthalene	15.635	128	155634	22.431	ug/l	Qvalue 100

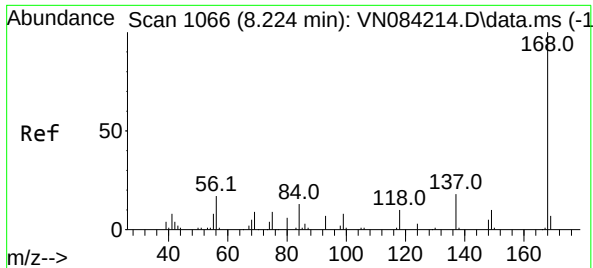
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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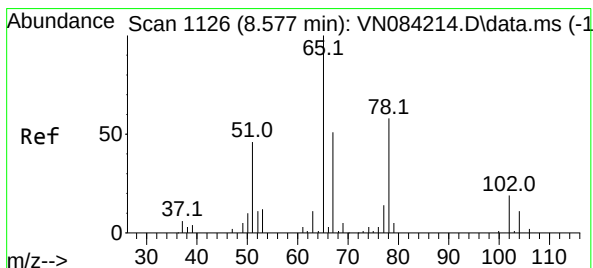
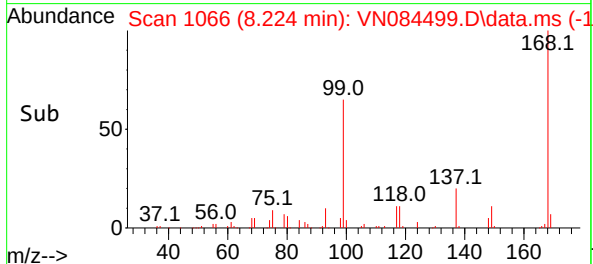
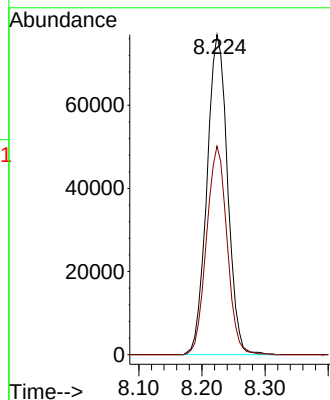
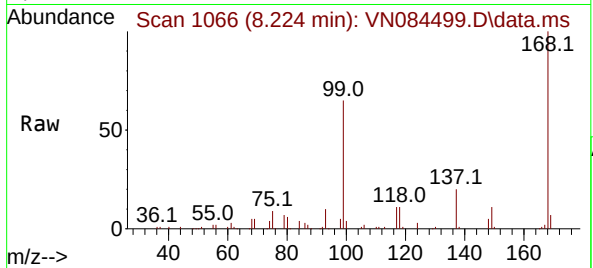




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084499.D
Acq: 24 Oct 2024 19:33

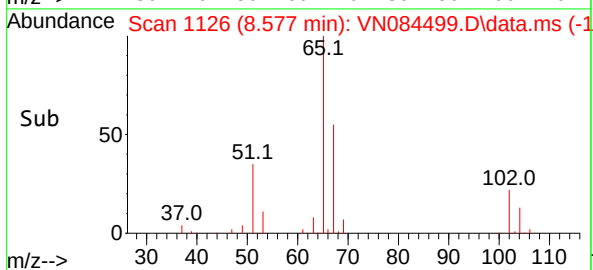
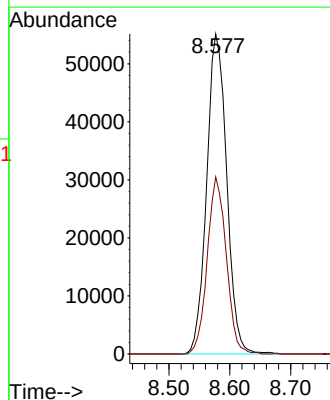
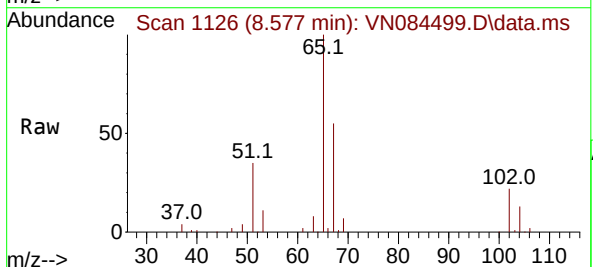
Instrument :
MSVOA_N
ClientSampleId :
HCC-1

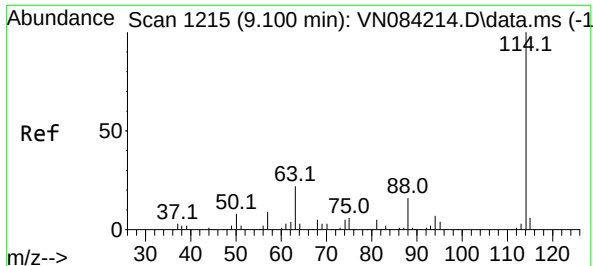
Tgt Ion:168 Resp: 174362
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.758 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084499.D
Acq: 24 Oct 2024 19:33

Tgt Ion: 65 Resp: 126052
Ion Ratio Lower Upper
65 100
67 52.4 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: VN084499.D

Acq: 24 Oct 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

HCC-1

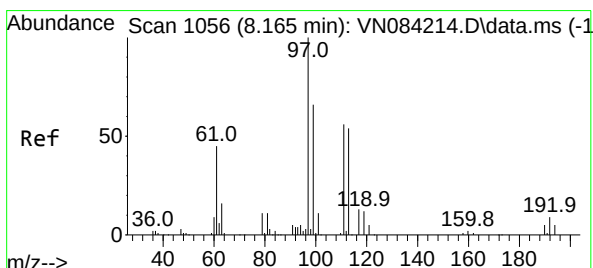
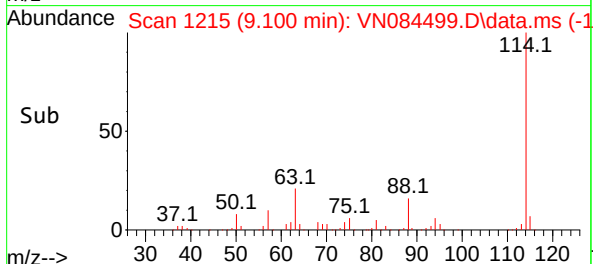
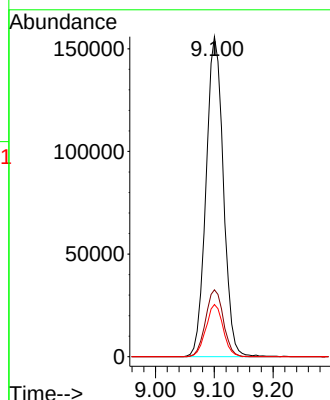
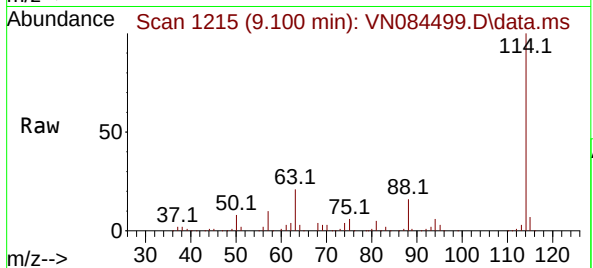
Tgt Ion:114 Resp: 317965

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.443 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084499.D

Acq: 24 Oct 2024 19:33

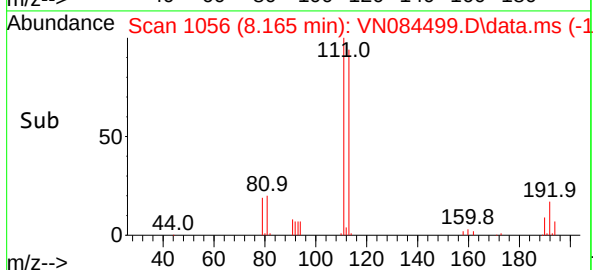
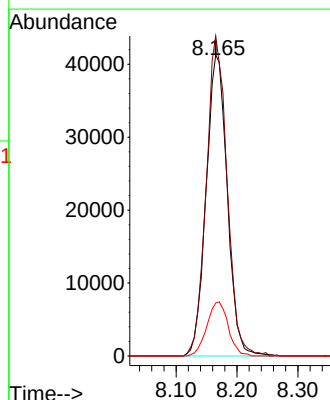
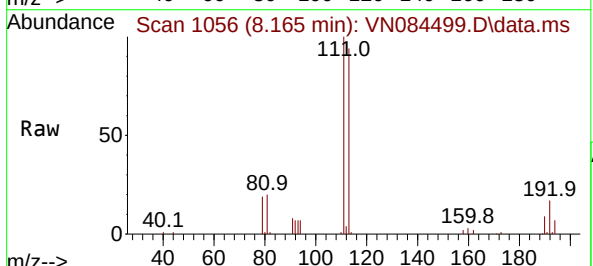
Tgt Ion:113 Resp: 99451

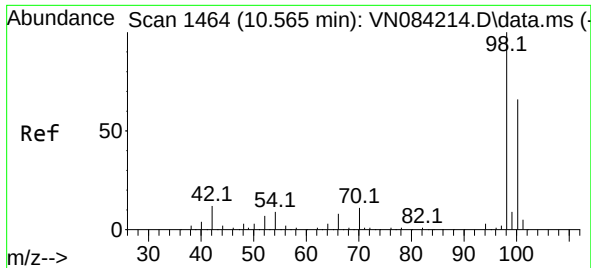
Ion Ratio Lower Upper

113 100

111 104.9 83.3 124.9

192 18.1 13.5 20.3

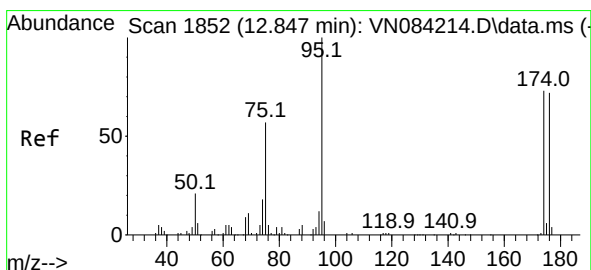
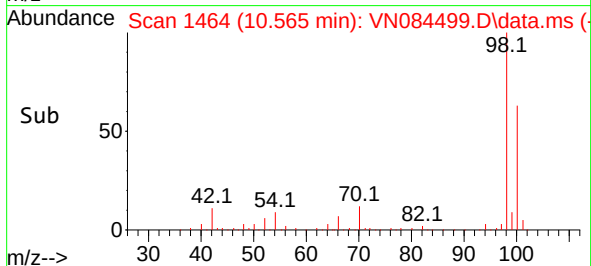
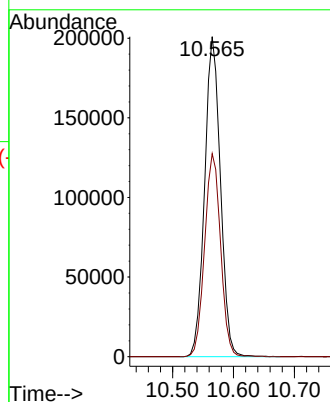
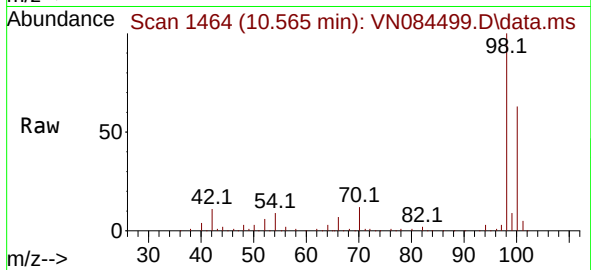




#50
Toluene-d8
Concen: 47.018 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084499.D
Acq: 24 Oct 2024 19:33

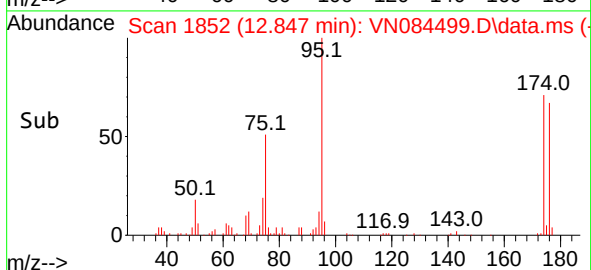
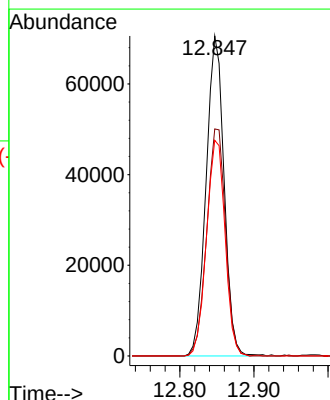
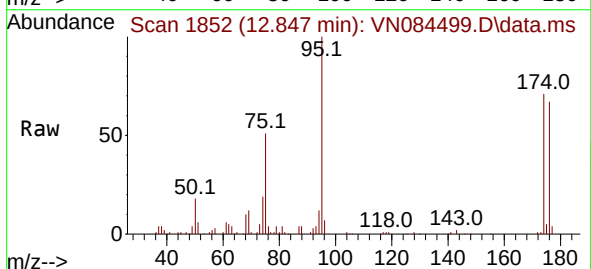
Instrument :
MSVOA_N
ClientSampleId :
HCC-1

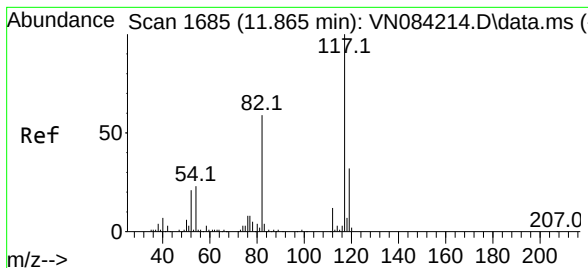
Tgt Ion: 98 Resp: 362611
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084499.D
Acq: 24 Oct 2024 19:33

Tgt Ion: 95 Resp: 118866
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 69.5 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: VN084499.D

Acq: 24 Oct 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

HCC-1

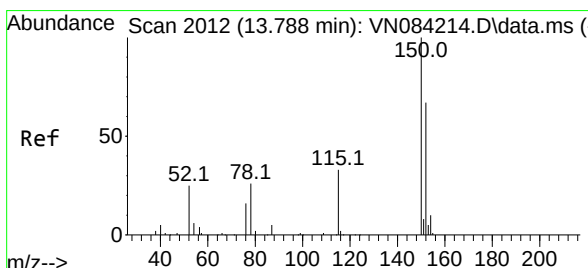
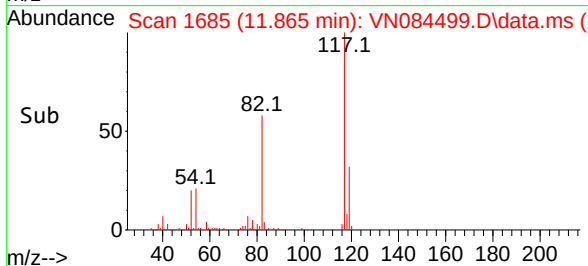
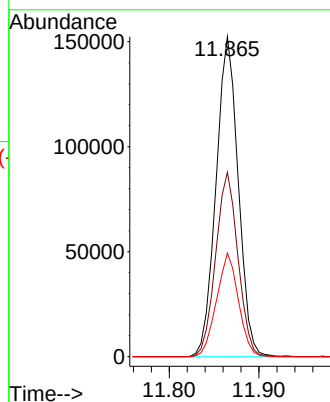
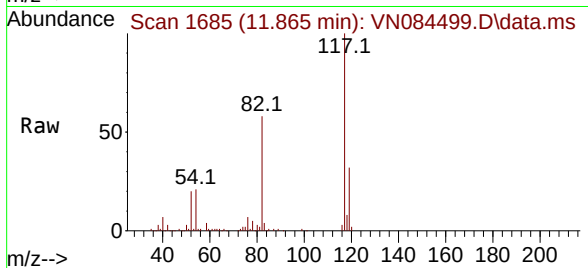
Tgt Ion:117 Resp: 261641

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

119 32.4 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: VN084499.D

Acq: 24 Oct 2024 19:33

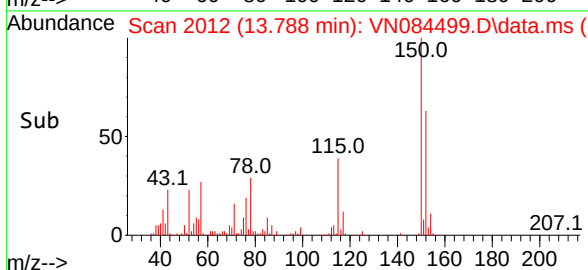
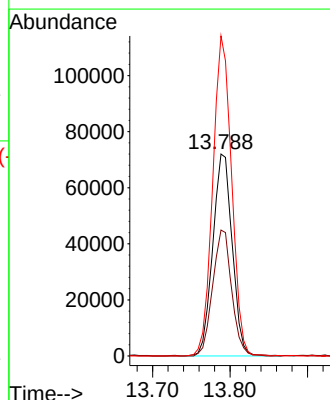
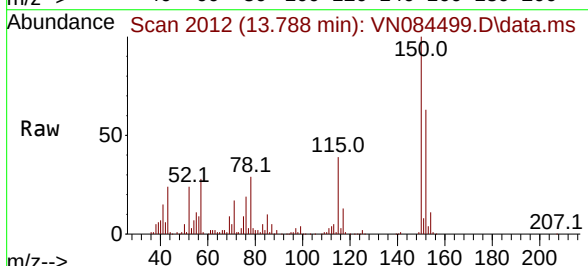
Tgt Ion:152 Resp: 125493

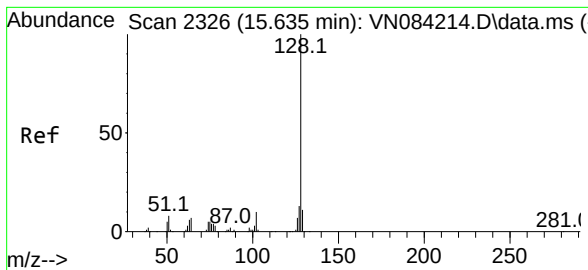
Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.9

150 153.6 0.0 349.8





#95
Naphthalene
Concen: 22.431 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084499.D
Acq: 24 Oct 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :
HCC-1

Tgt Ion:128 Resp: 155634
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1

