

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084372.D
 Acq On : 09 Oct 2024 17:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:24:08 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)

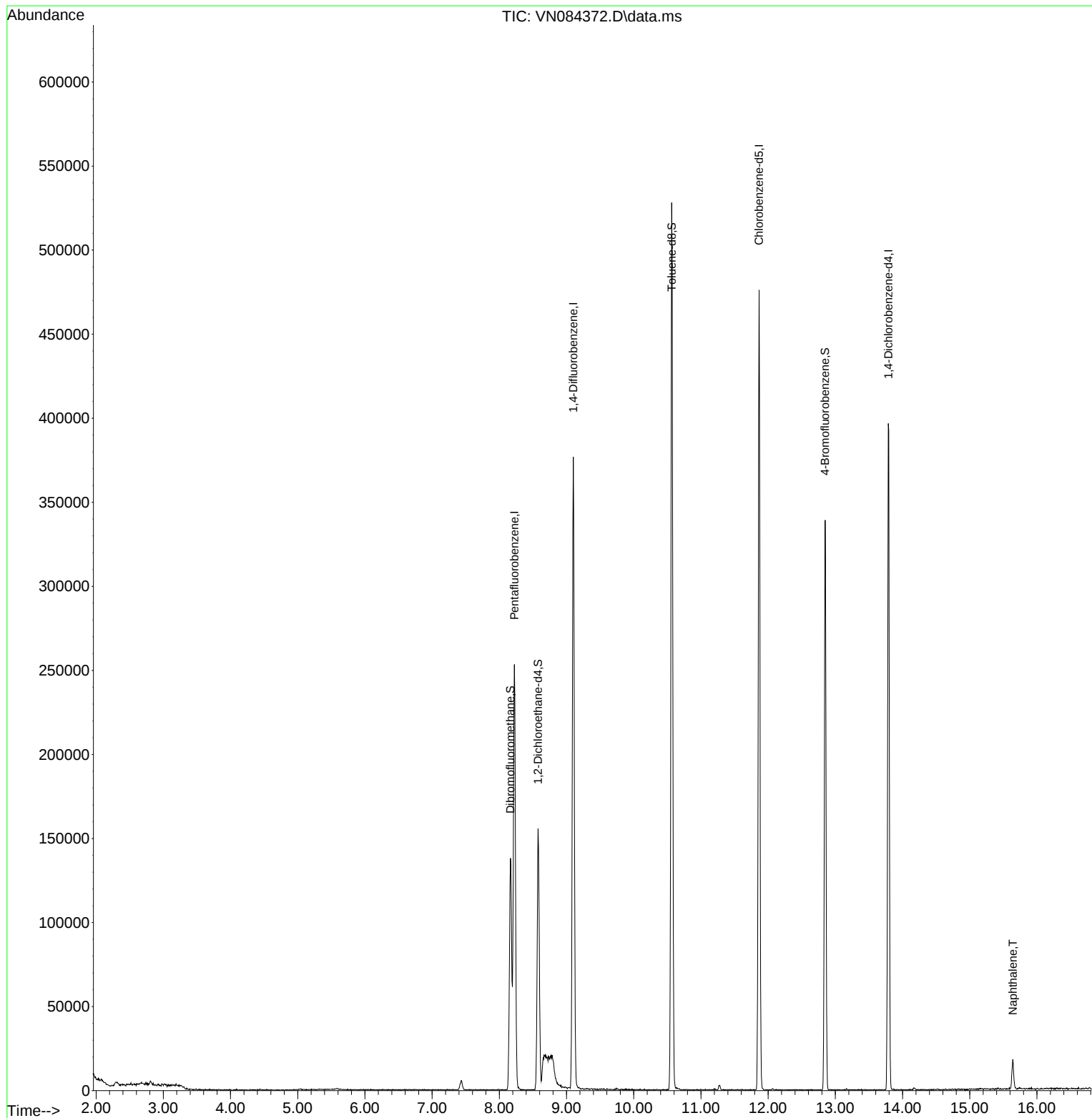
Internal Standards						
1) Pentafluorobenzene	8.224	168	177619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125567	47.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.165	113	100365	48.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	10.565	98	368461	48.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.847	95	119111	42.765	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.520%
Target Compounds						
95) Naphthalene	15.641	128	17431	2.955	ug/l	Qvalue 98

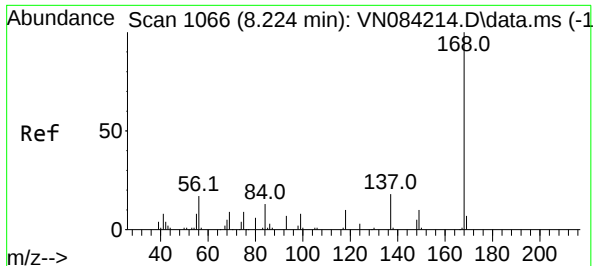
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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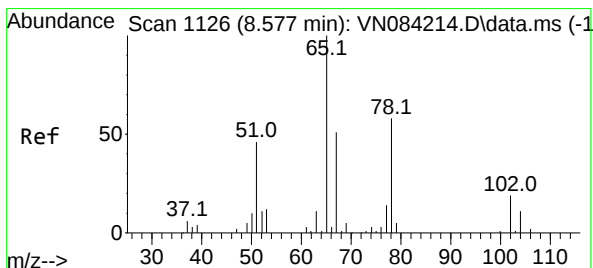
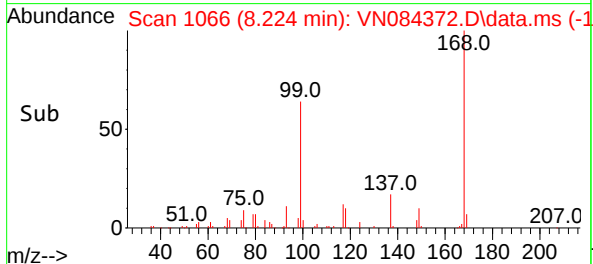
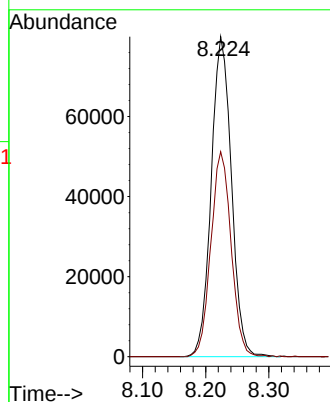
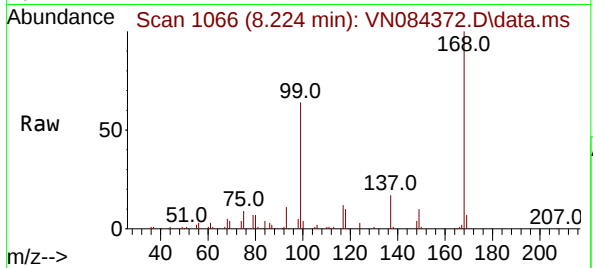




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

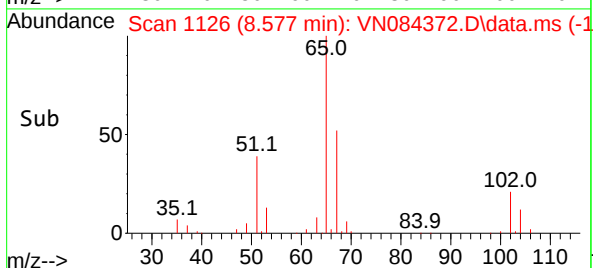
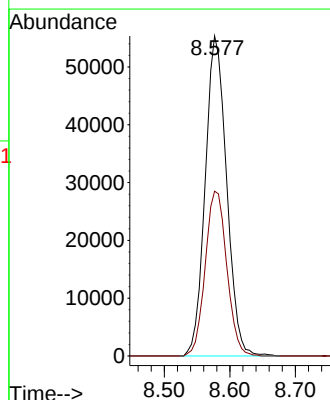
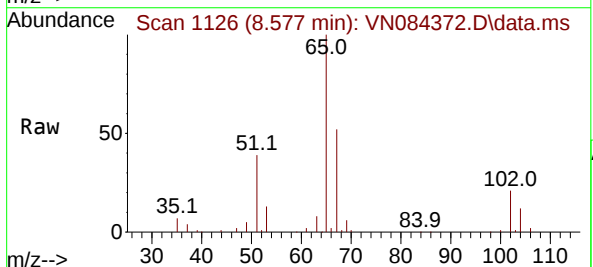
Instrument :
MSVOA_N
ClientSampleId :
IBLK

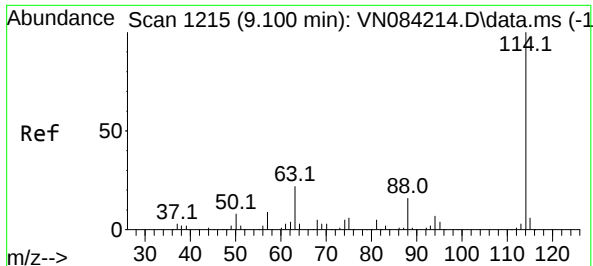
Tgt Ion:168 Resp: 177619
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.680 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

Tgt Ion: 65 Resp: 125567
Ion Ratio Lower Upper
65 100
67 51.9 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: VN084372.D

Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

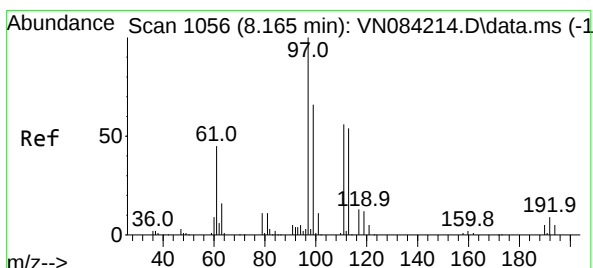
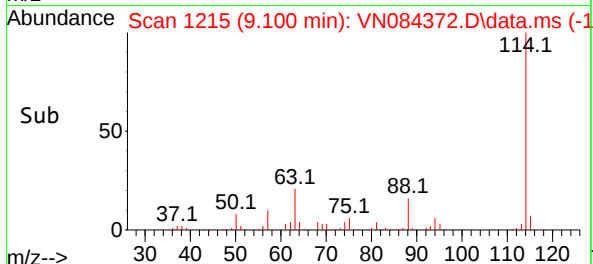
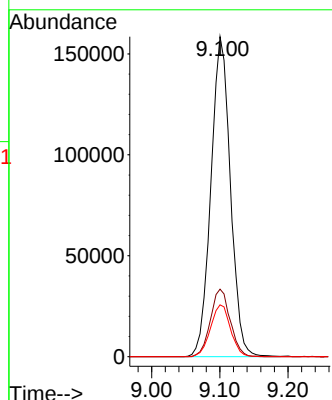
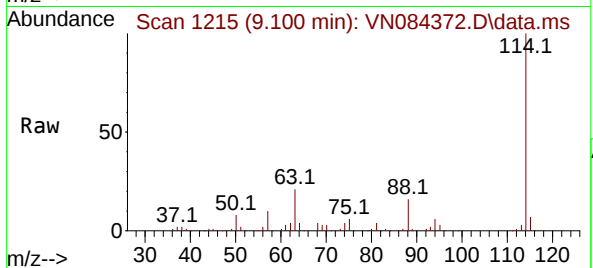
Tgt Ion:114 Resp: 315206

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.298 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084372.D

Acq: 09 Oct 2024 17:08

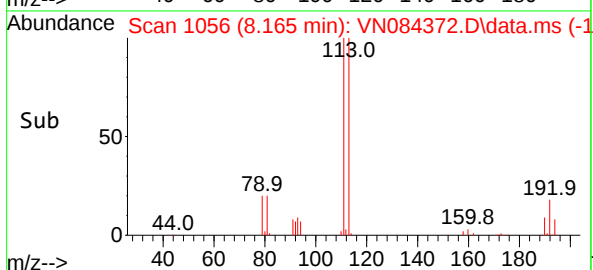
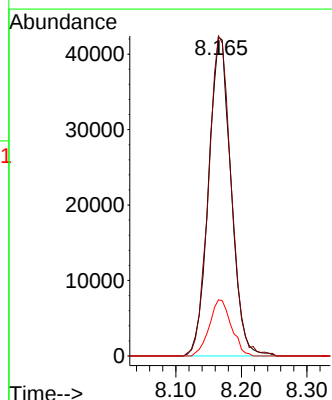
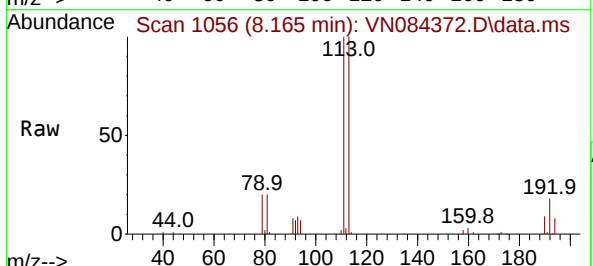
Tgt Ion:113 Resp: 100365

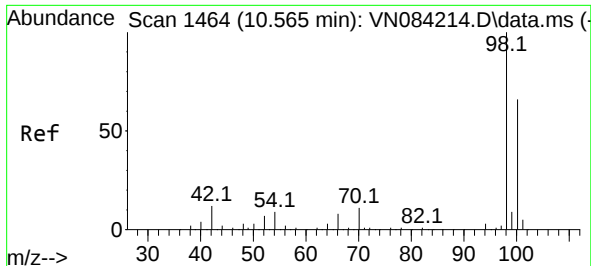
Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 17.3 13.5 20.3

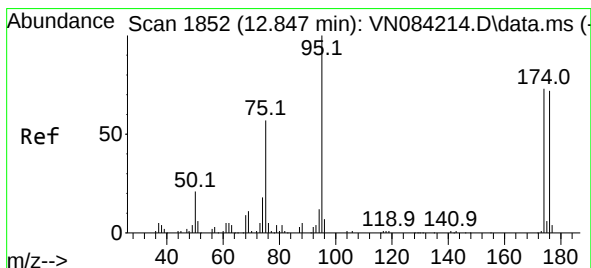
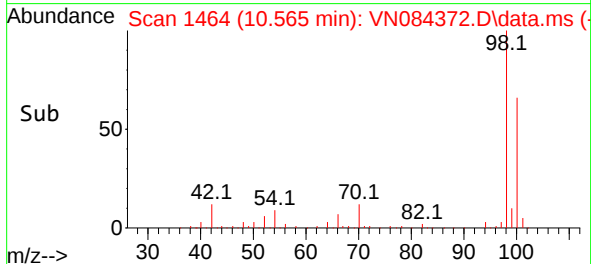
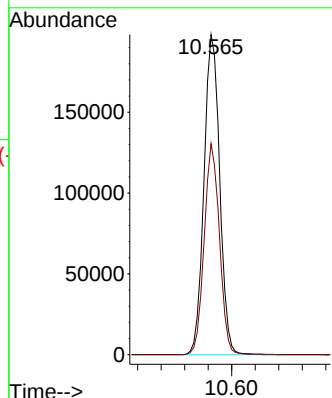
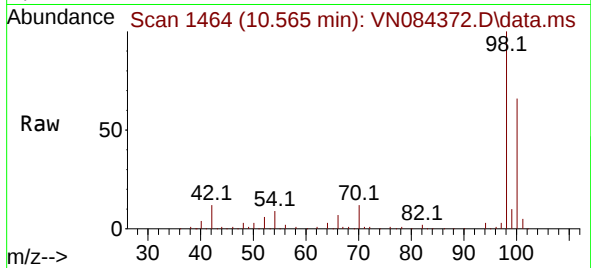




#50
Toluene-d8
Concen: 48.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

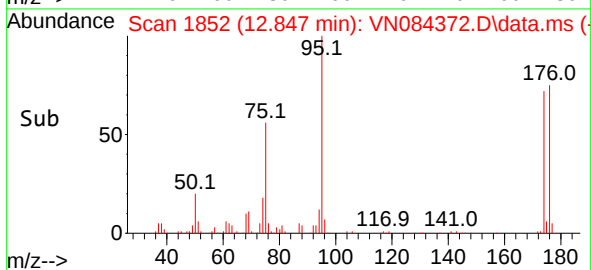
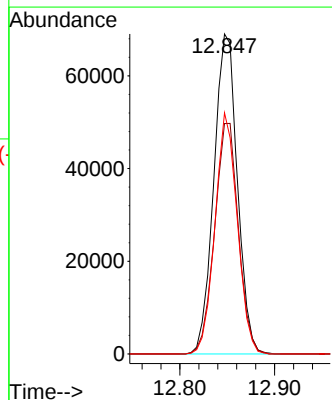
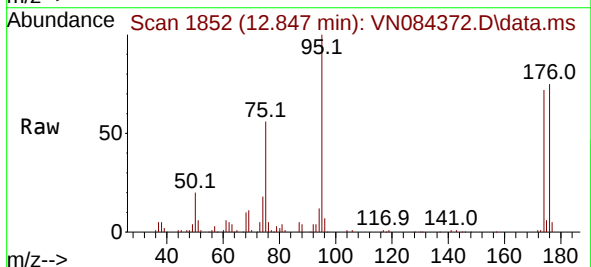
Instrument :
MSVOA_N
ClientSampleId :
IBLK

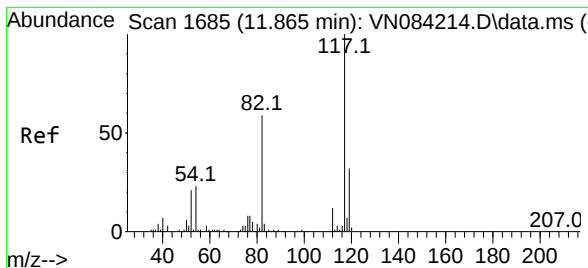
Tgt Ion: 98 Resp: 368461
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.765 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084372.D
Acq: 09 Oct 2024 17:08

Tgt Ion: 95 Resp: 119111
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 71.3 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: VN084372.D

Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

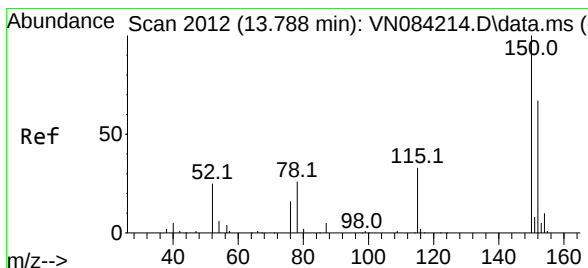
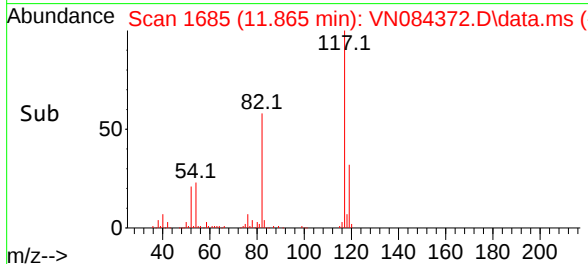
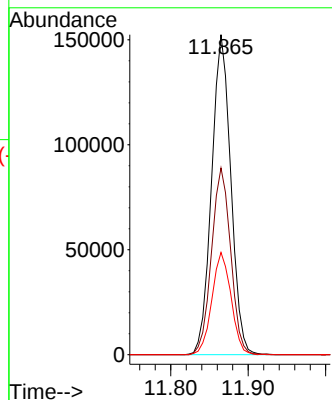
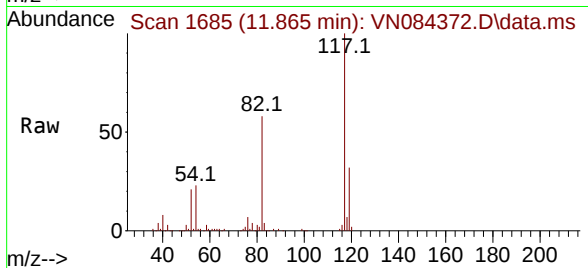
Tgt Ion:117 Resp: 262364

Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

119 32.0 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: VN084372.D

Acq: 09 Oct 2024 17:08

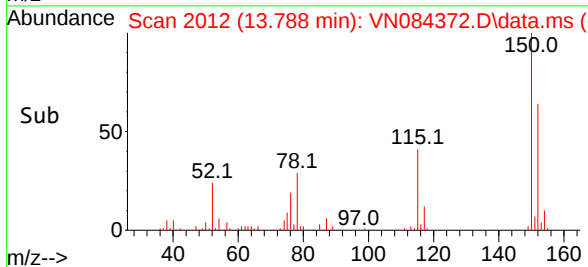
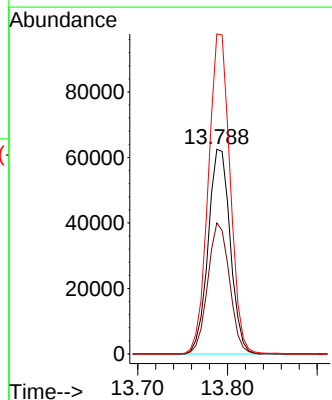
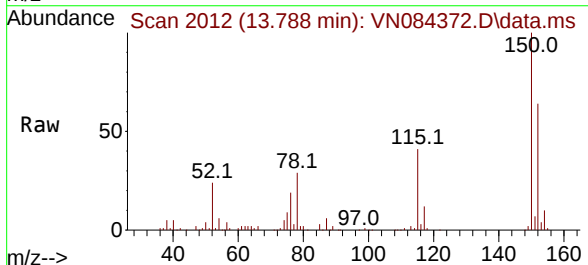
Tgt Ion:152 Resp: 106705

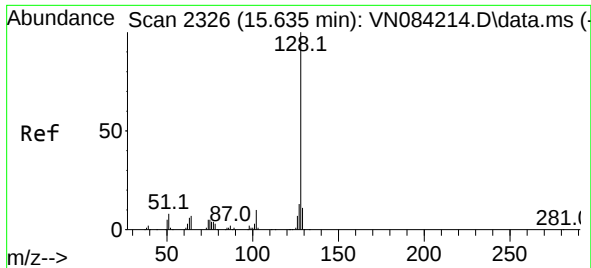
Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.9

150 154.5 0.0 349.8





#95

Naphthalene

Concen: 2.955 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084372.D

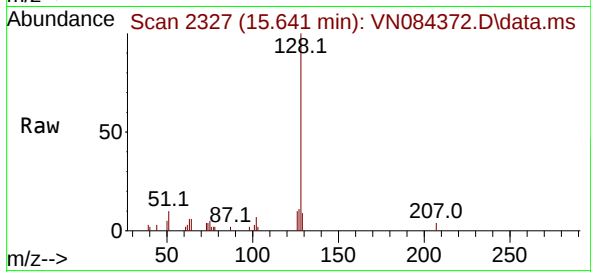
Acq: 09 Oct 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 17431

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 10.4 8.7 13.1

