

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070185.D
 Acq On : 18 Dec 2021 1:07
 Operator : JC/MD
 Sample : M5128-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Dec 18 06:02:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

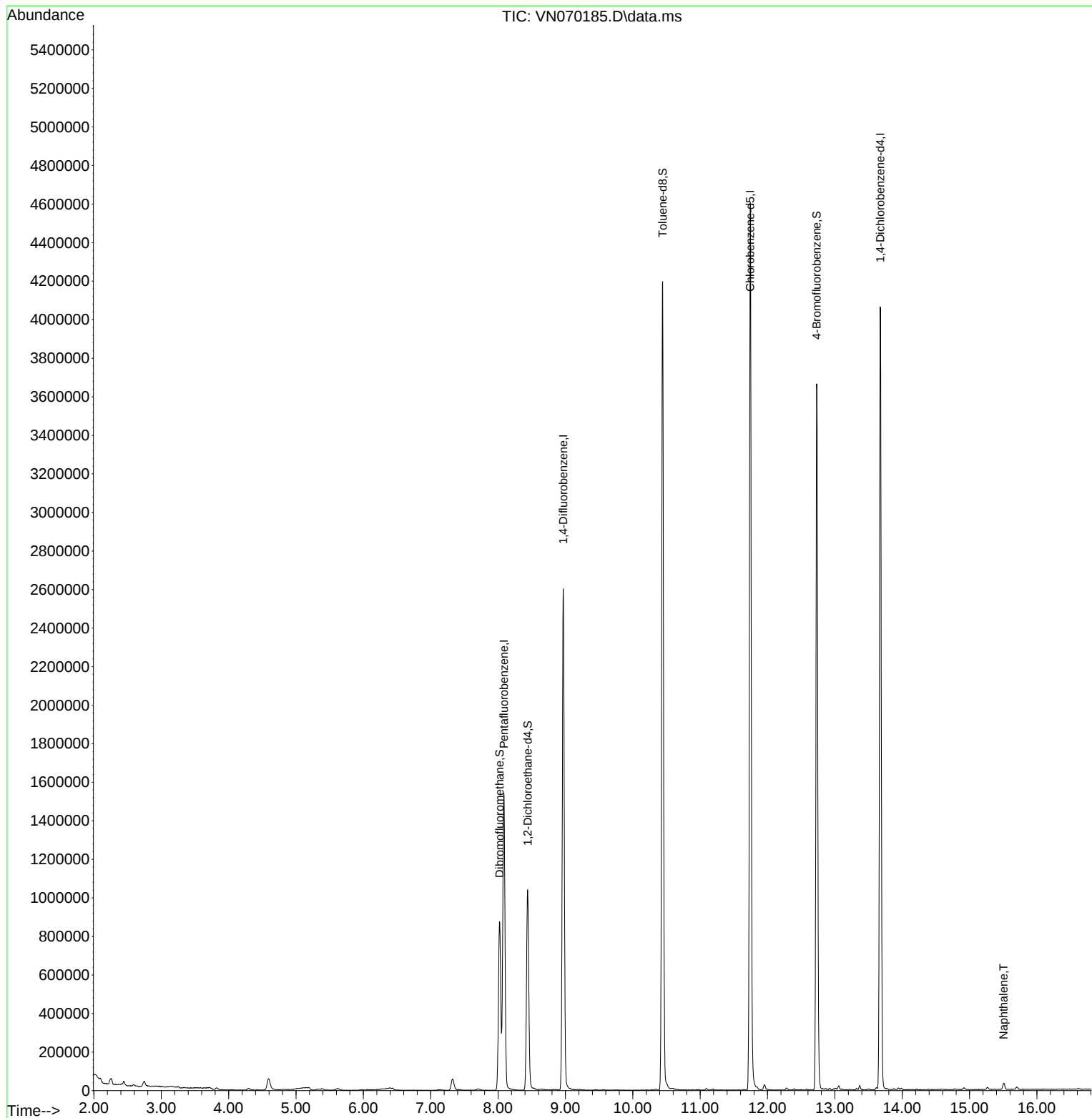
Internal Standards						
1) Pentafluorobenzene	8.086	168	1155666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2189617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2595010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1090585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	906498	50.803	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.600%
35) Dibromofluoromethane	8.024	113	640690	46.714	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.420%
50) Toluene-d8	10.443	98	2889746	52.473	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.731	95	1309043	65.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.220%
Target Compounds						
95) Naphthalene	15.504	128	32331	4.543	ug/l	Qvalue 99

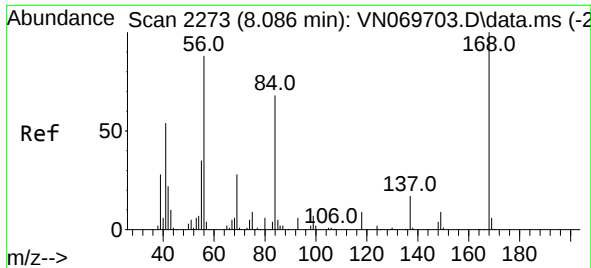
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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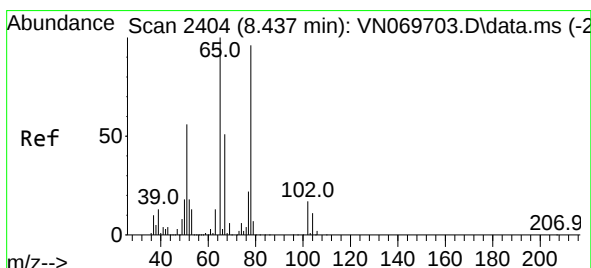
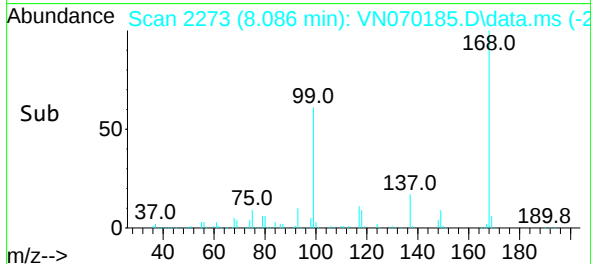
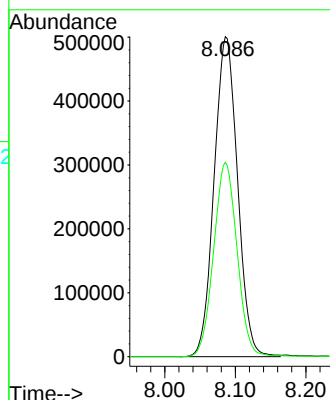
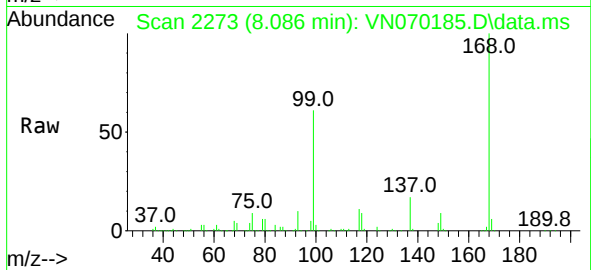




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

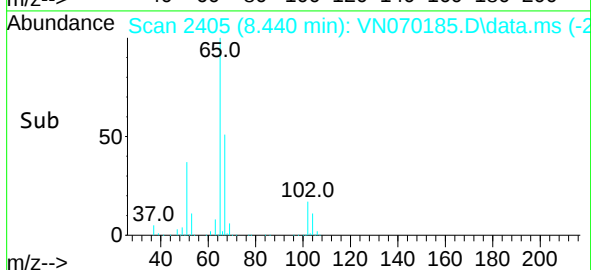
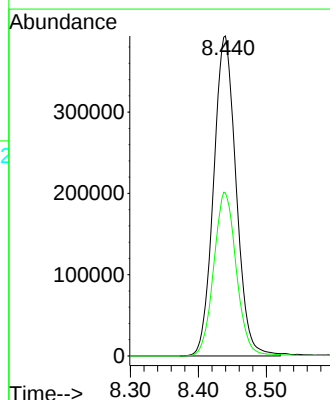
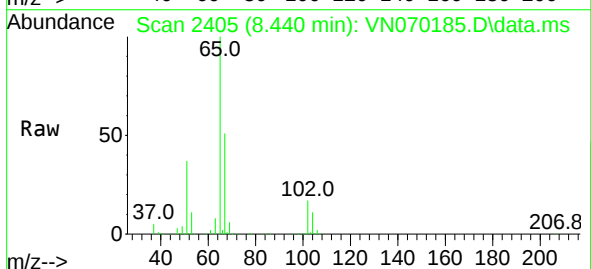
Instrument :
MSVOA_N
ClientSampleId :
MW-2

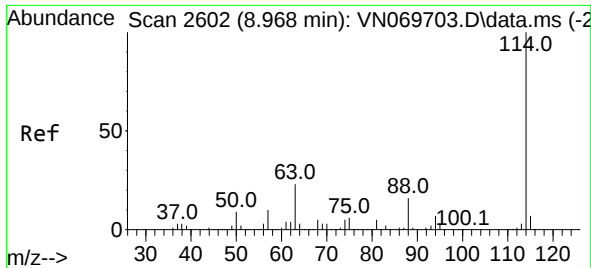
Tgt Ion:168 Resp: 1155666
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.803 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

Tgt Ion: 65 Resp: 906498
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

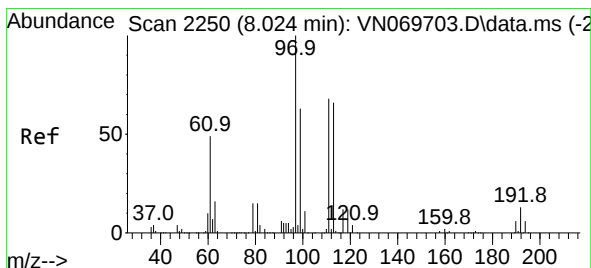
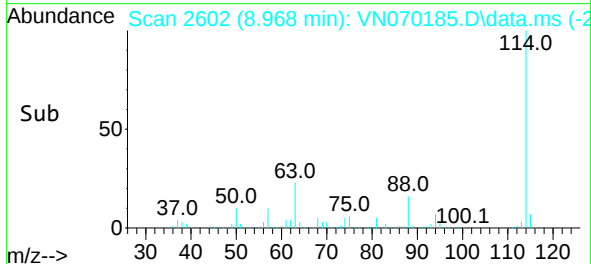
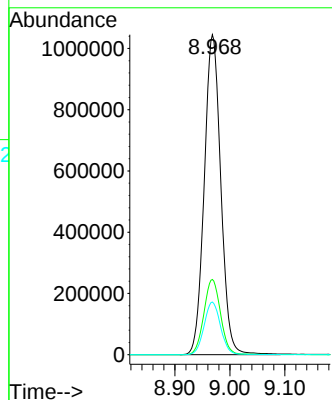
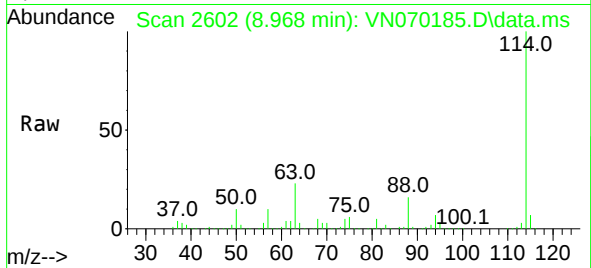




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

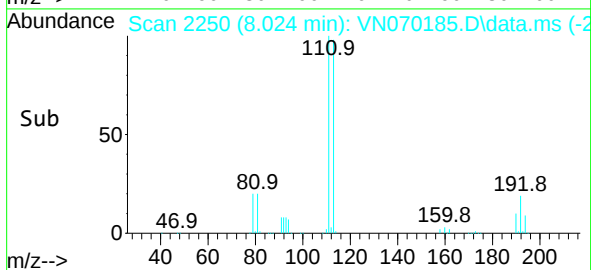
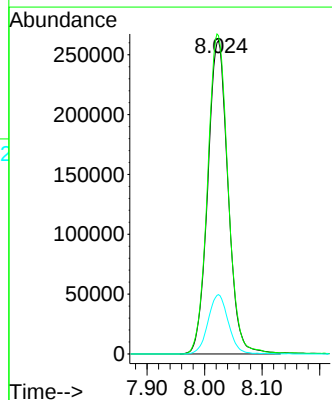
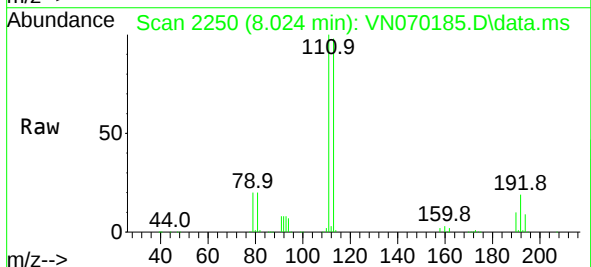
Instrument :
MSVOA_N
ClientSampleId :
MW-2

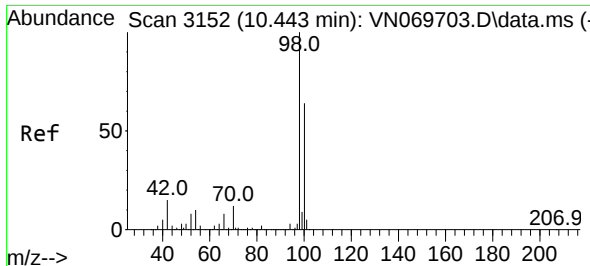
Tgt Ion:114 Resp: 2189617
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.714 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

Tgt Ion:113 Resp: 640690
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.8 16.9 25.3

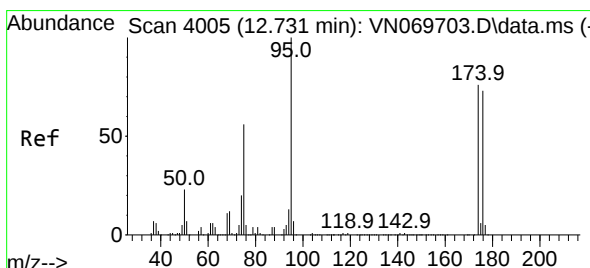
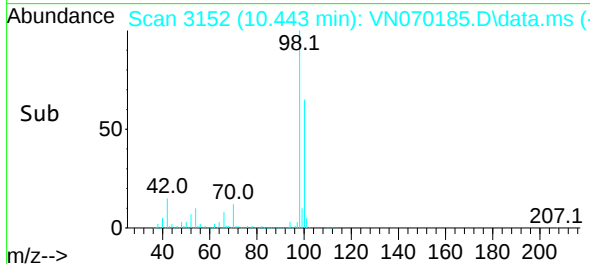
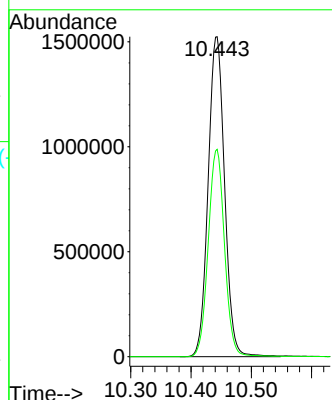
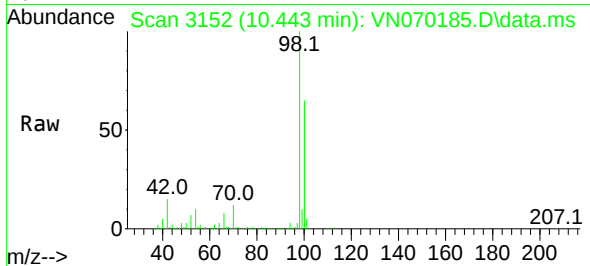




#50
Toluene-d8
Concen: 52.473 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

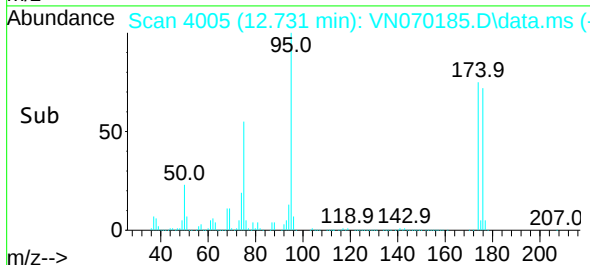
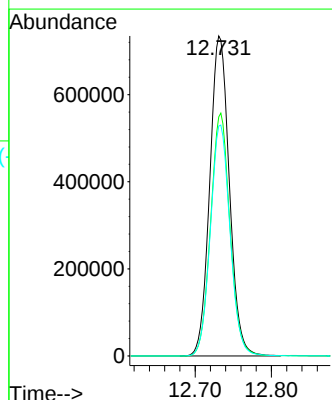
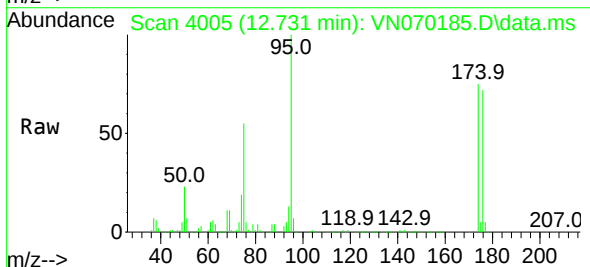
Instrument :
MSVOA_N
ClientSampleId :
MW-2

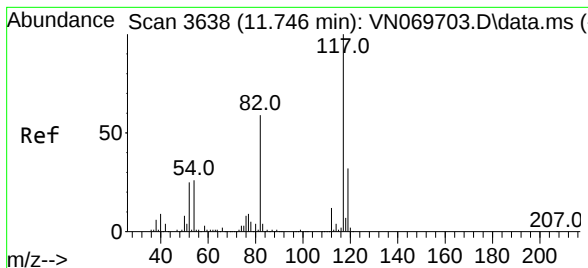
Tgt Ion: 98 Resp: 2889746
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 65.612 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070185.D
Acq: 18 Dec 2021 1:07

Tgt Ion: 95 Resp: 1309043
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN070185.D

Acq: 18 Dec 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

MW-2

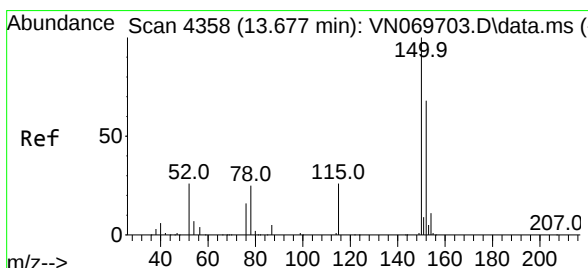
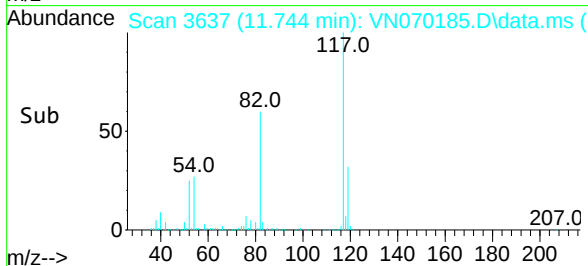
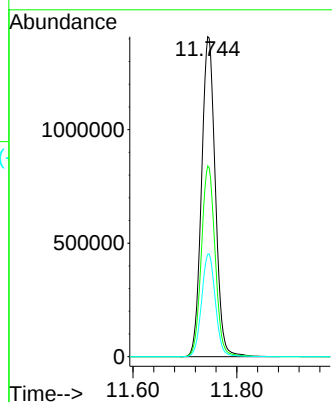
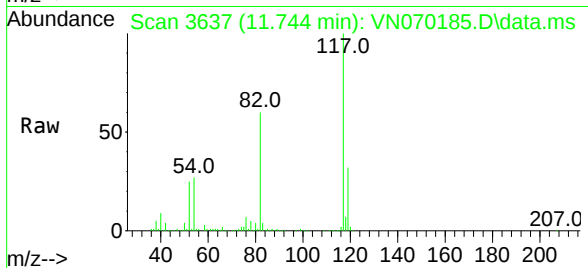
Tgt Ion:117 Resp: 2595010

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN070185.D

Acq: 18 Dec 2021 1:07

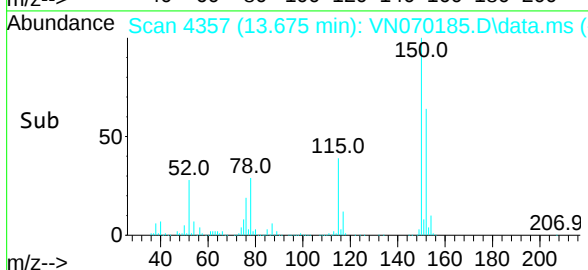
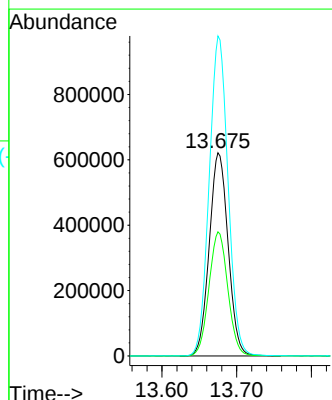
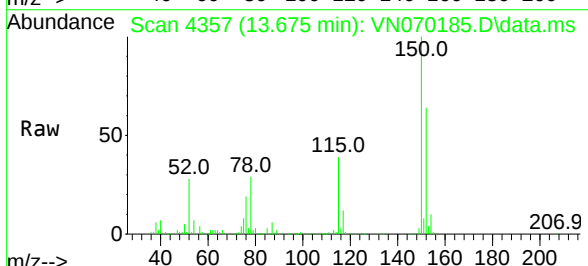
Tgt Ion:152 Resp: 1090585

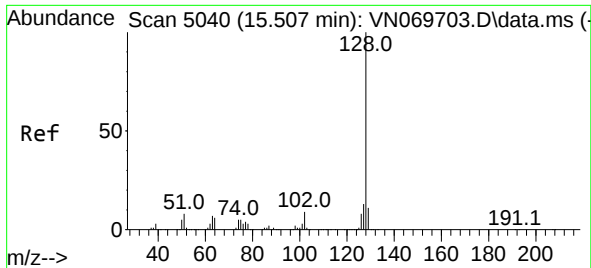
Ion Ratio Lower Upper

152 100

115 61.2 27.5 82.5

150 157.0 0.0 344.4





#95

Naphthalene

Concen: 4.543 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN070185.D

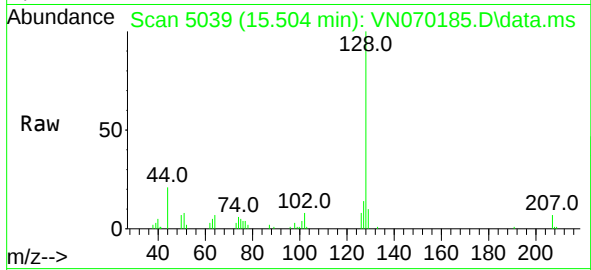
Acq: 18 Dec 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

MW-2



Tgt Ion:128 Resp: 32331

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.4 8.7 13.1

