

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070189.D
 Acq On : 18 Dec 2021 2:50
 Operator : JC/MD
 Sample : M5132-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 19 07:21:50 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)

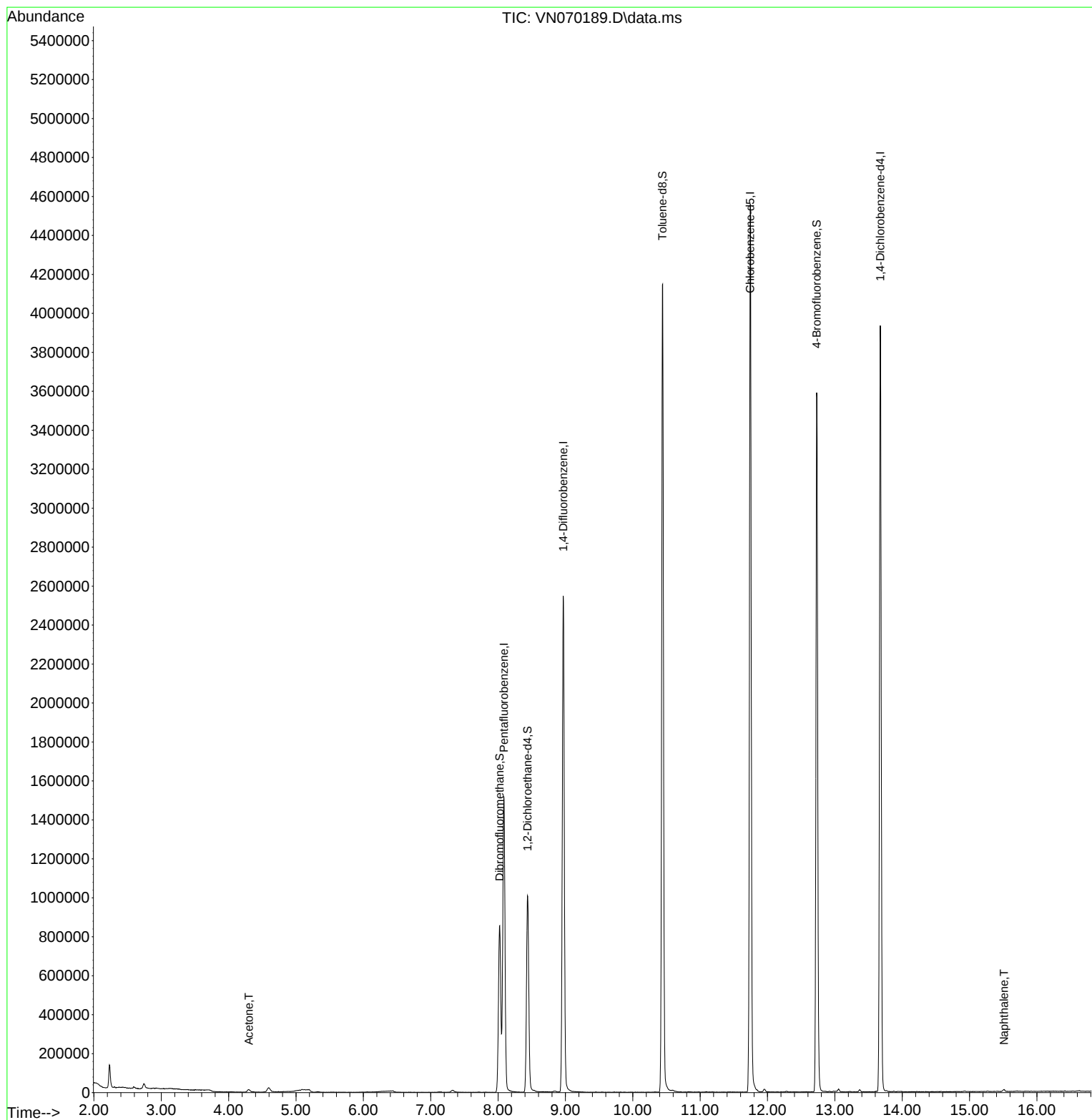
Internal Standards						
1) Pentafluorobenzene	8.086	168	1134709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2159518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2548588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1050090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	887023	50.629	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.260%
35) Dibromofluoromethane	8.024	113	635652	46.992	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.980%
50) Toluene-d8	10.441	98	2841568	52.317	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.731	95	1280785	65.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.180%
Target Compounds						Qvalue
16) Acetone	4.299	43	23674	2.246	ug/l	94
95) Naphthalene	15.512	128	10269	4.169	ug/l #	94

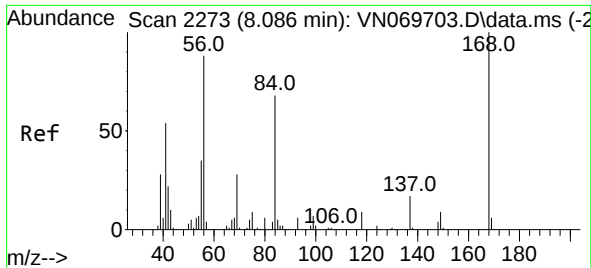
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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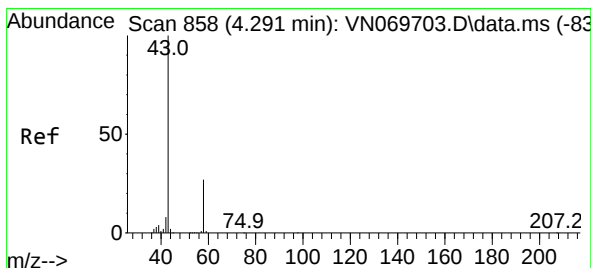
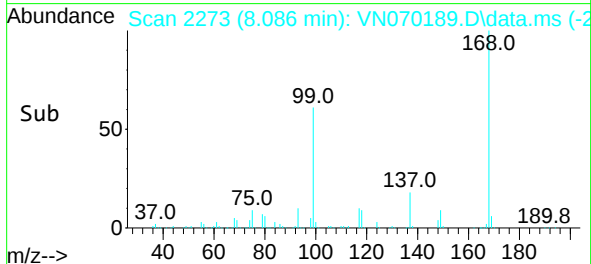
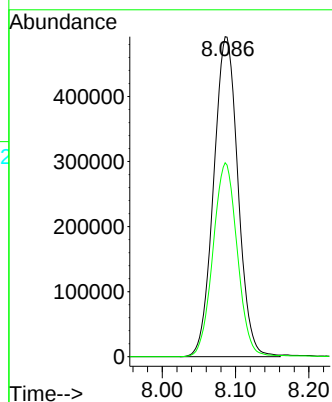
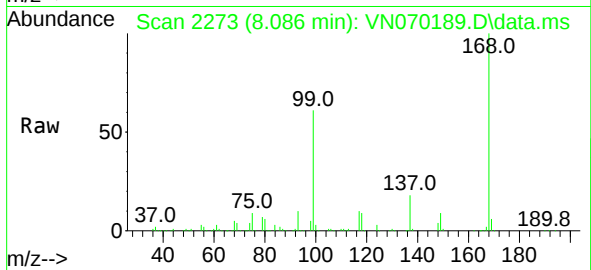




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

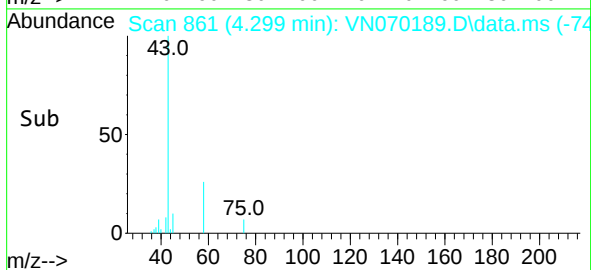
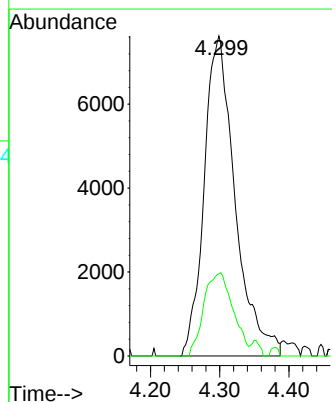
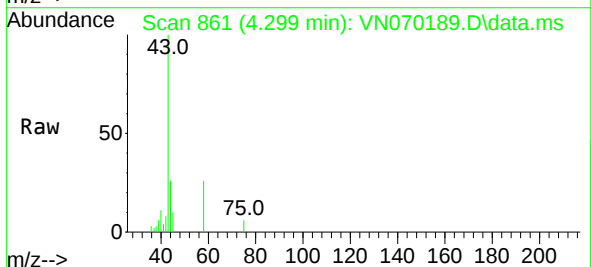
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

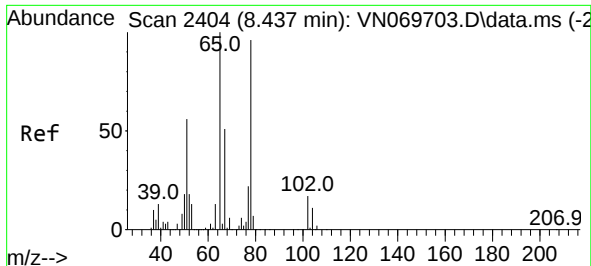
Tgt Ion:168 Resp: 1134709
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#16
Acetone
Concen: 2.246 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion: 43 Resp: 23674
Ion Ratio Lower Upper
43 100
58 25.7 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.629 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070189.D

Acq: 18 Dec 2021 2:50

Instrument :

MSVOA_N

ClientSampleId :

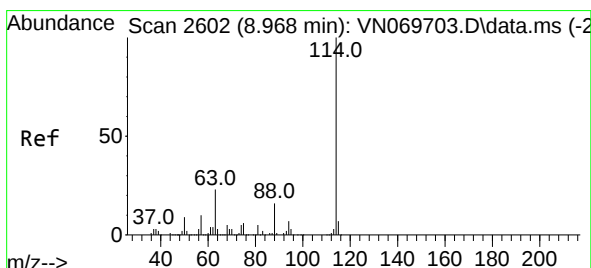
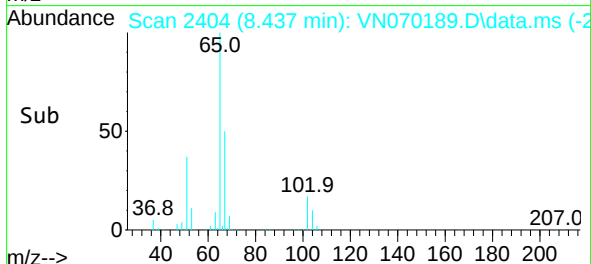
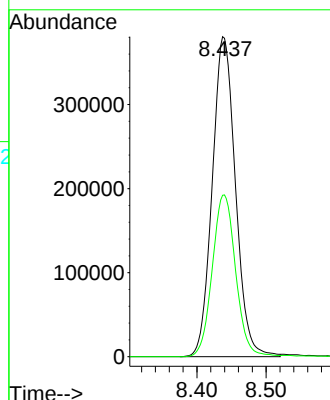
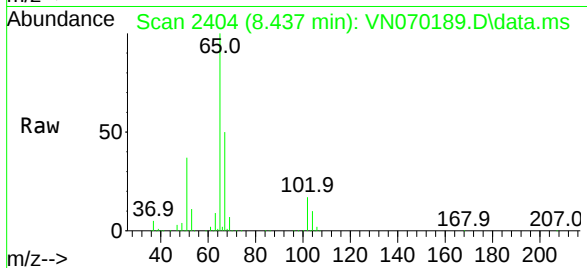
TRIP-BLANK

Tgt Ion: 65 Resp: 887023

Ion Ratio Lower Upper

65 100

67 50.8 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: VN070189.D

Acq: 18 Dec 2021 2:50

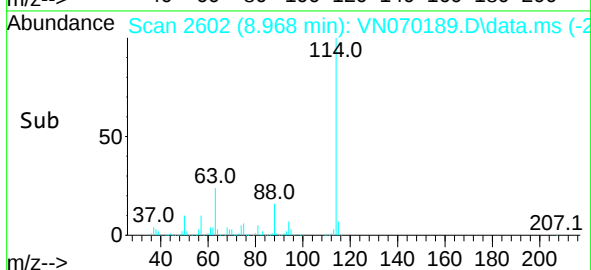
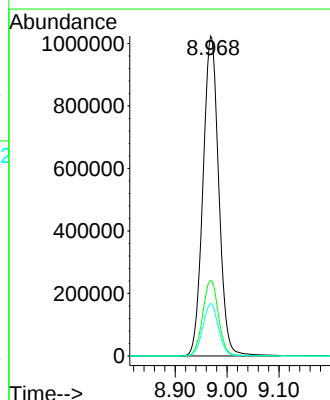
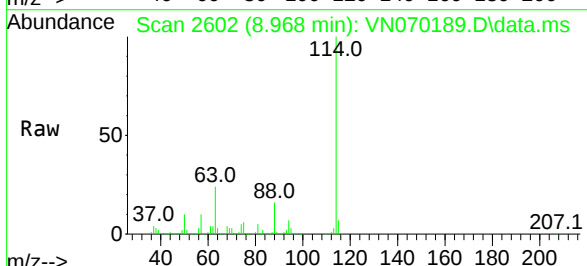
Tgt Ion: 114 Resp: 2159518

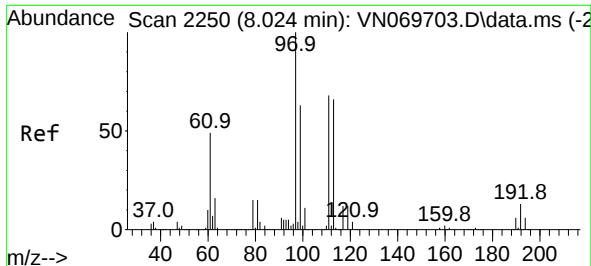
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.4 0.0 27.4

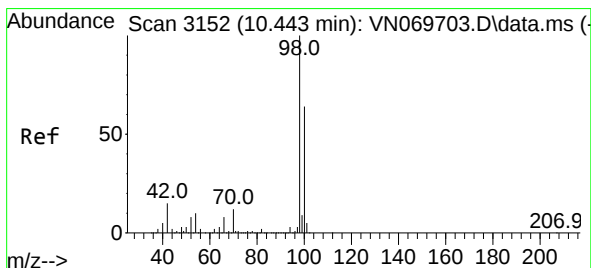
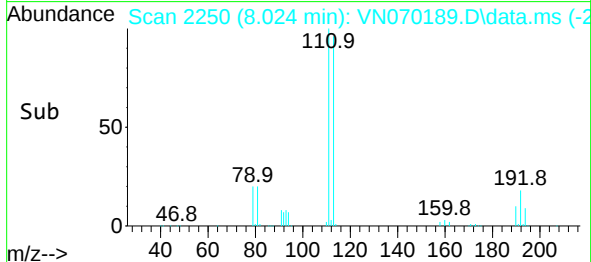
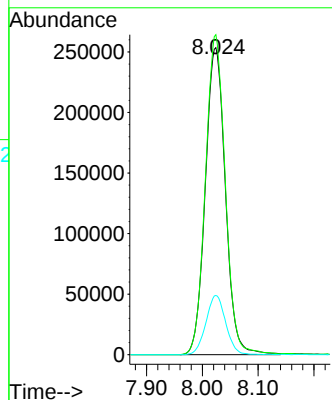
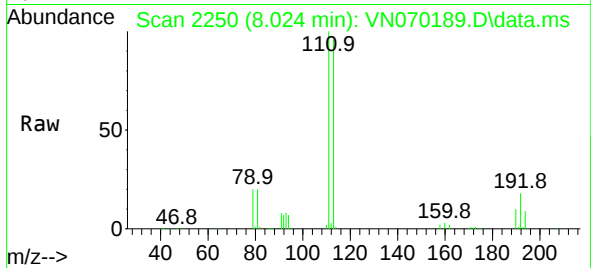




#35
 Dibromofluoromethane
 Concen: 46.992 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070189.D
 Acq: 18 Dec 2021 2:50

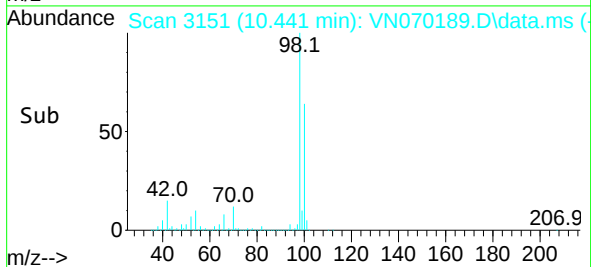
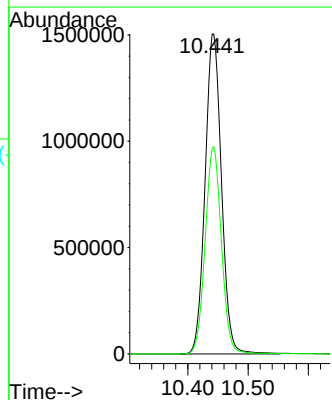
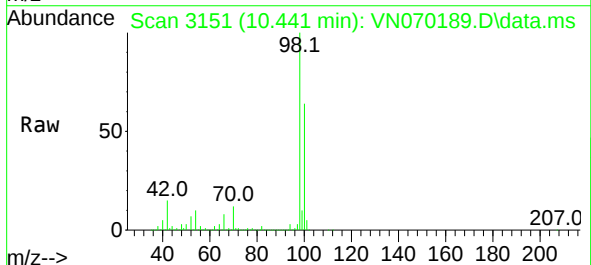
Instrument :
 MSVOA_N
 ClientSampleId :
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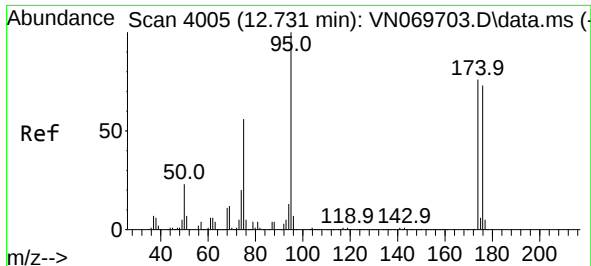
Tgt Ion:113 Resp: 635652
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 19.0 16.9 25.3



#50
 Toluene-d8
 Concen: 52.317 ug/l
 RT: 10.441 min Scan# 3151
 Delta R.T. -0.002 min
 Lab File: VN070189.D
 Acq: 18 Dec 2021 2:50

Tgt Ion: 98 Resp: 2841568
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 65.091 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN070189.D

Acq: 18 Dec 2021 2:50

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

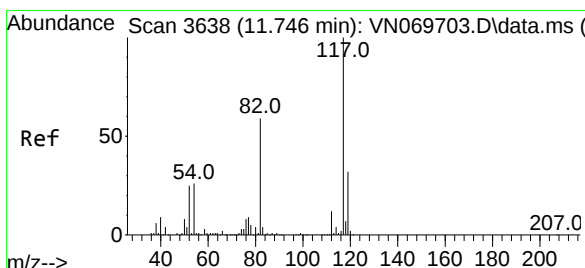
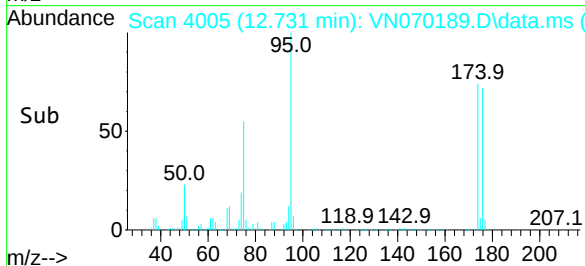
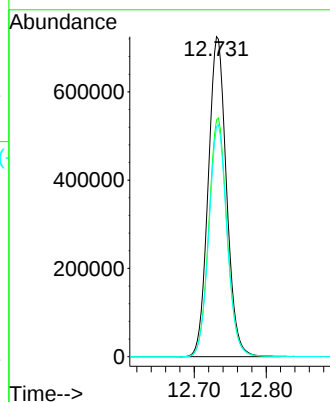
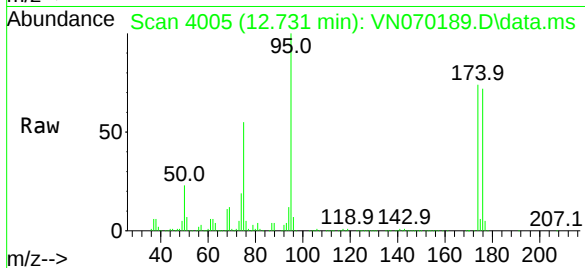
Tgt Ion: 95 Resp: 1280785

Ion Ratio Lower Upper

95 100

174 74.8 0.0 187.2

176 72.2 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN070189.D

Acq: 18 Dec 2021 2:50

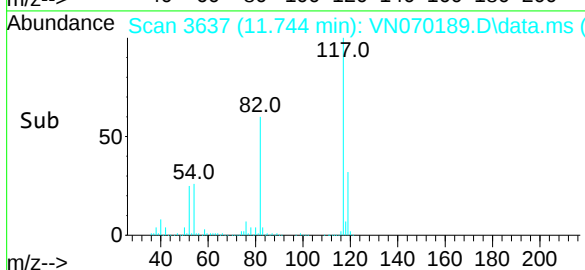
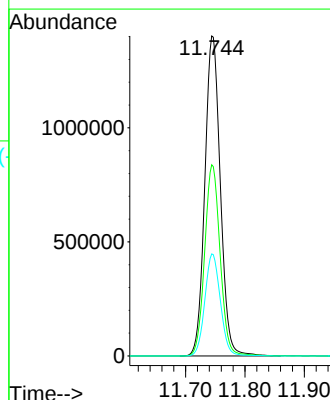
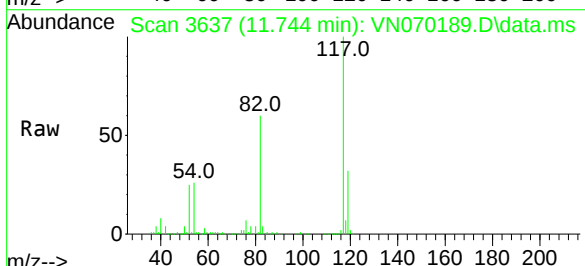
Tgt Ion: 117 Resp: 2548588

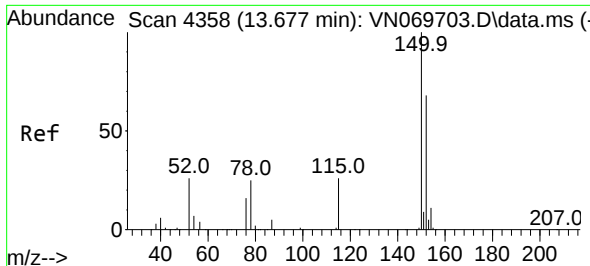
Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.9 25.4 38.2

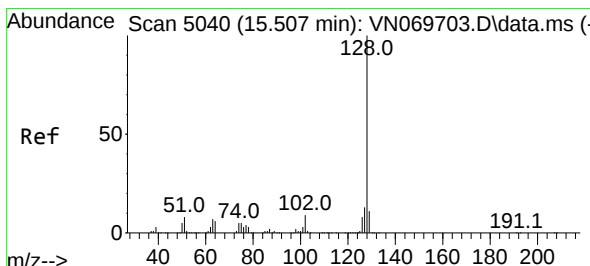
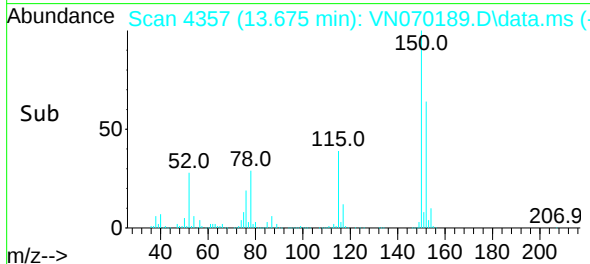
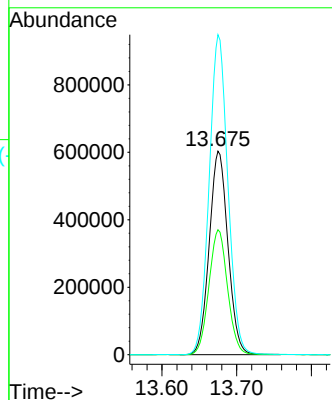
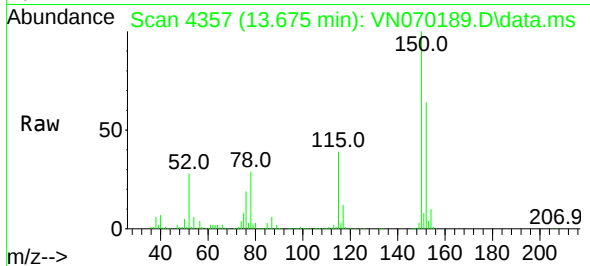




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:152 Resp: 1050090
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.0 0.0 344.4



#95
Naphthalene
Concen: 4.169 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN070189.D
Acq: 18 Dec 2021 2:50

Tgt Ion:128 Resp: 10269
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 7.5 8.7 13.1#

