

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069792.D
 Acq On : 6 Dec 2021 18:53
 Operator : JC/MD
 Sample : M4950-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 07 03:50:07 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)

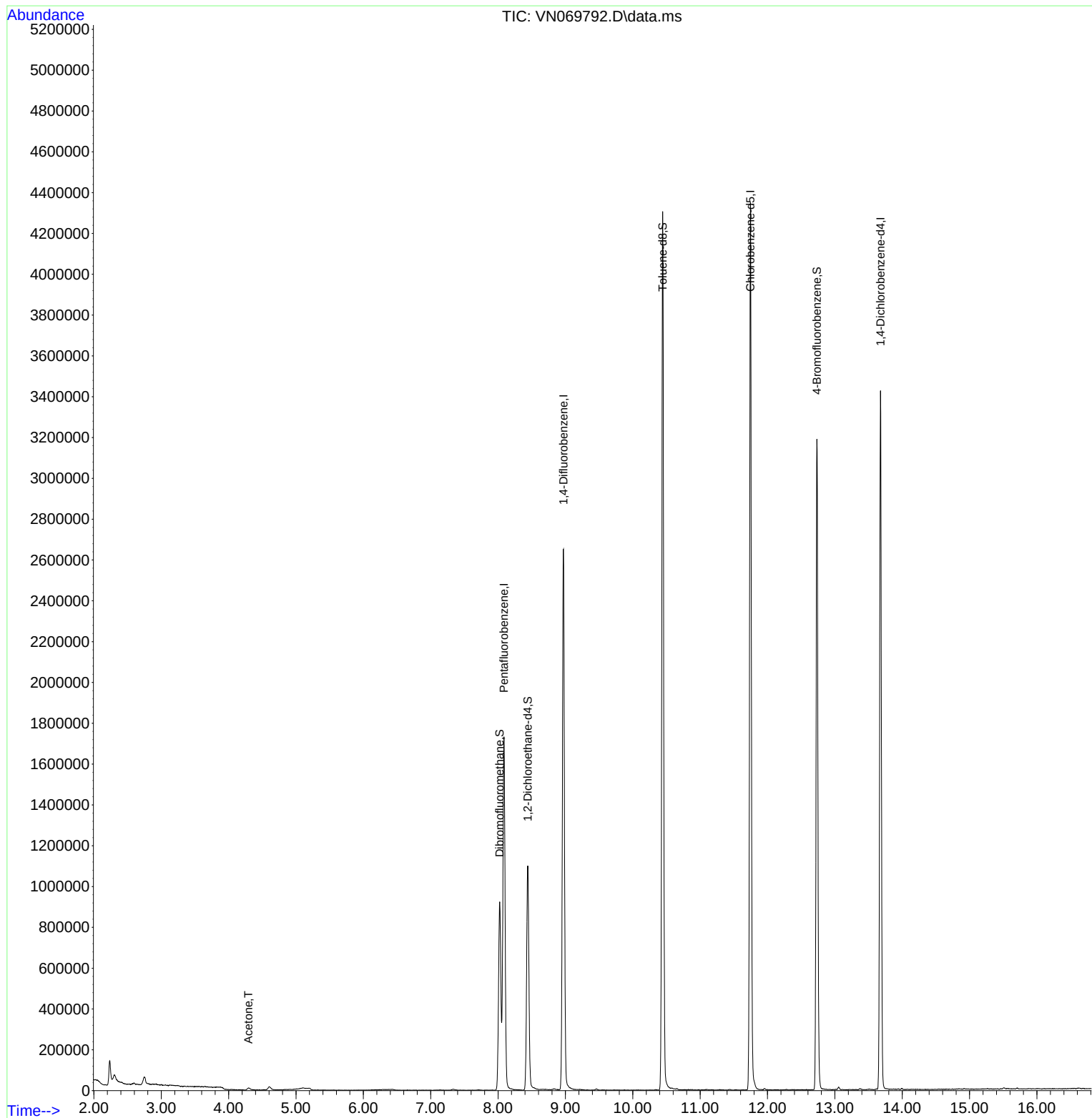
Internal Standards						
1) Pentafluorobenzene	8.088	168	1280832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2257044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2394115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	902508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	946785	47.875	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.760%
35) Dibromofluoromethane	8.024	113	664425	46.997	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.000%
50) Toluene-d8	10.443	98	2914201	51.336	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.733	95	1101650	53.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.140%
Target Compounds						
16) Acetone	4.293	43	16657	1.400	ug/l	Qvalue 94

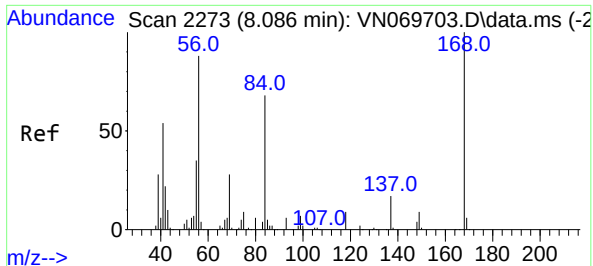
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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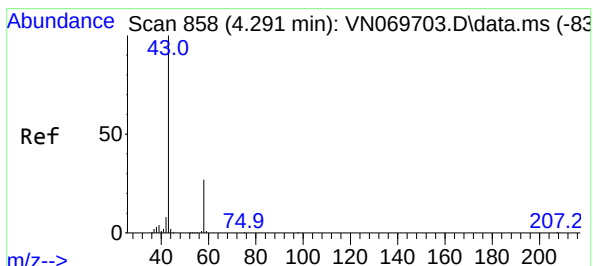
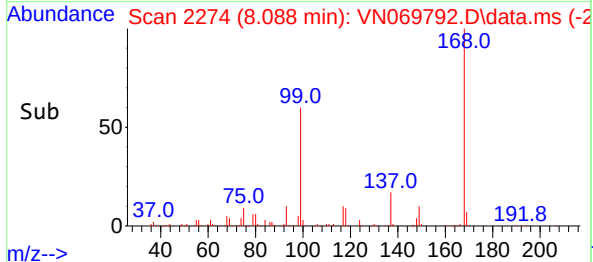
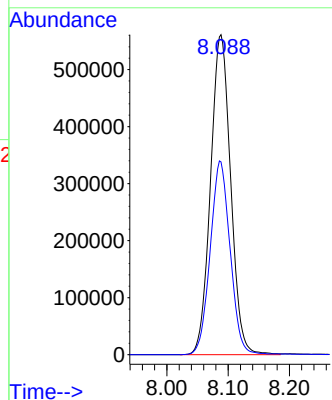
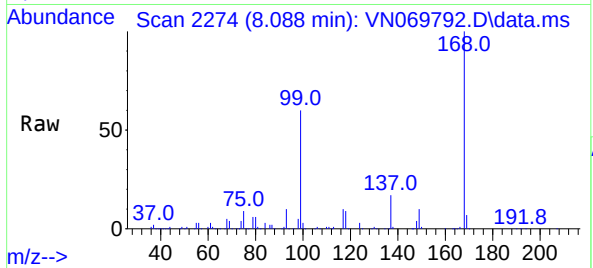




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069792.D
Acq: 6 Dec 2021 18:53

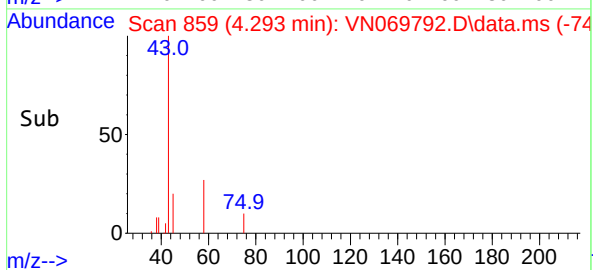
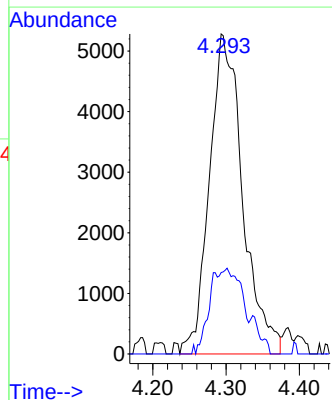
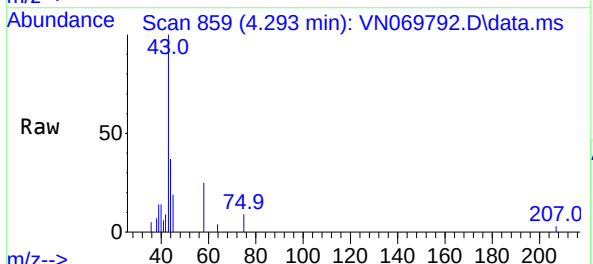
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

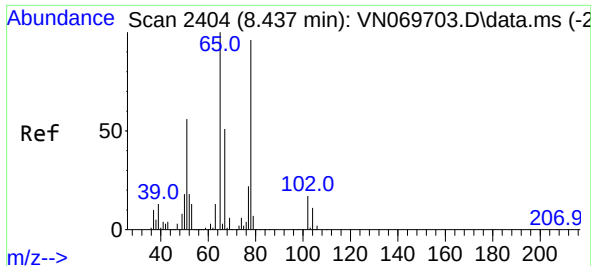
Tgt Ion:168 Resp: 1280832
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 1.400 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069792.D
Acq: 6 Dec 2021 18:53

Tgt Ion: 43 Resp: 16657
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 47.875 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069792.D

Acq: 6 Dec 2021 18:53

Instrument :

MSVOA_N

ClientSampleId :

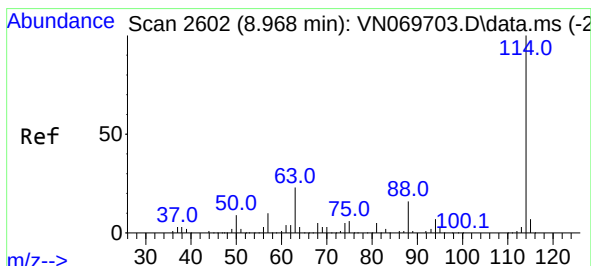
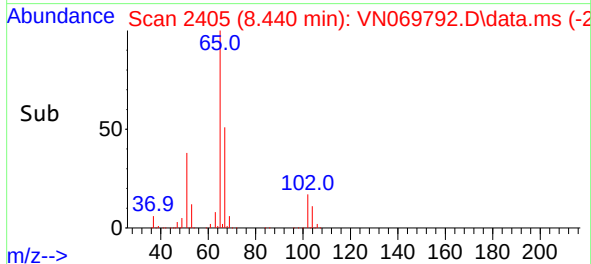
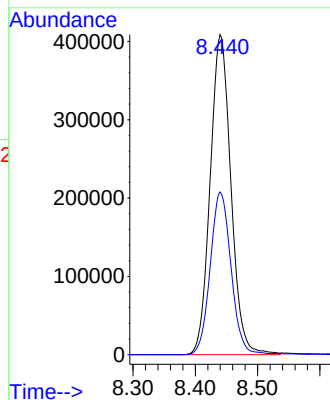
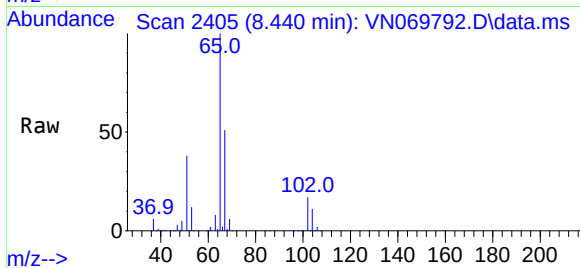
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 946785

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069792.D

Acq: 6 Dec 2021 18:53

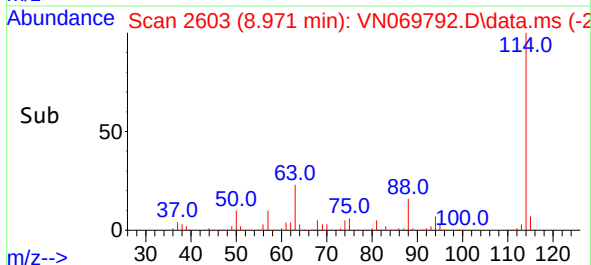
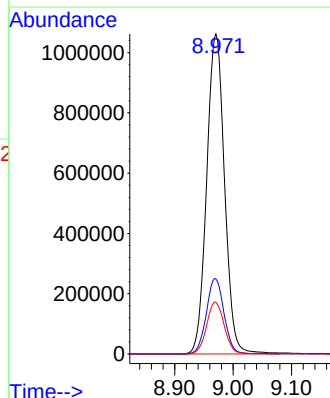
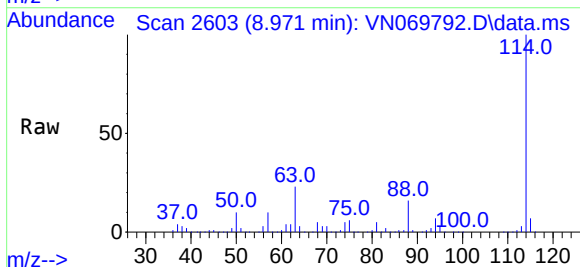
Tgt Ion: 114 Resp: 2257044

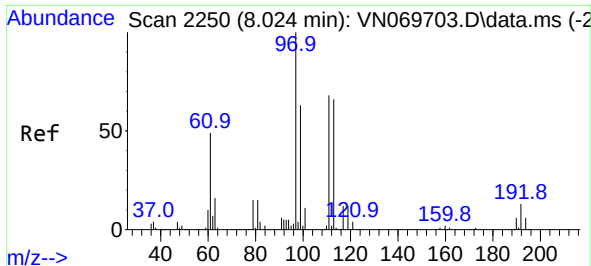
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.2 0.0 27.4

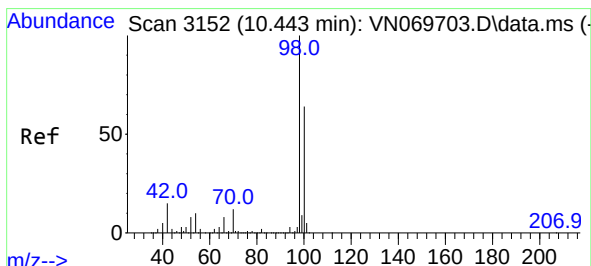
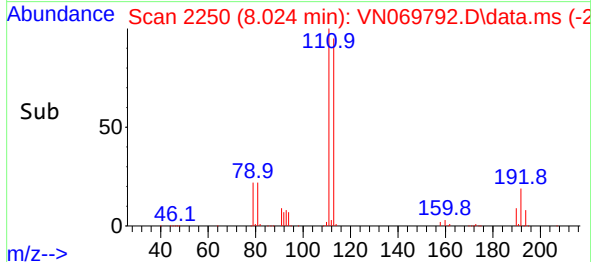
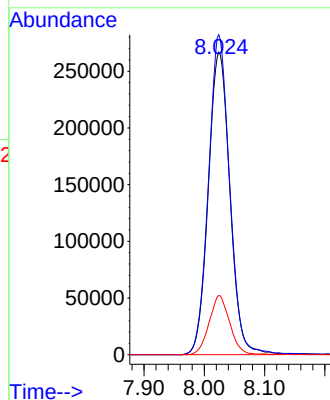
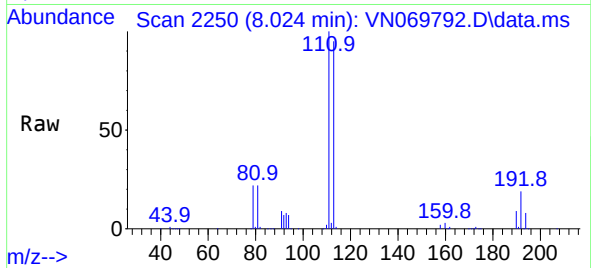




#35
Dibromofluoromethane
Concen: 46.997 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069792.D
Acq: 6 Dec 2021 18:53

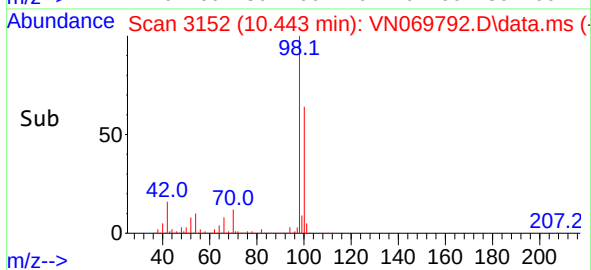
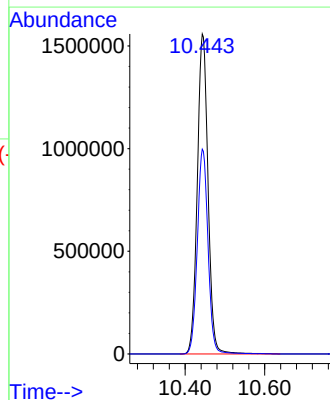
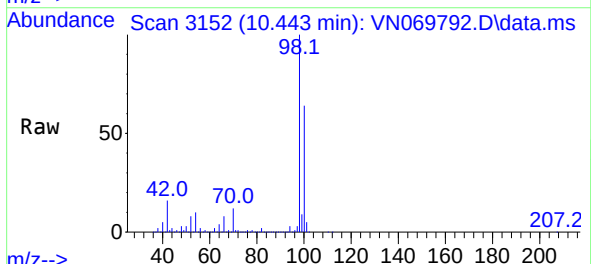
Instrument :
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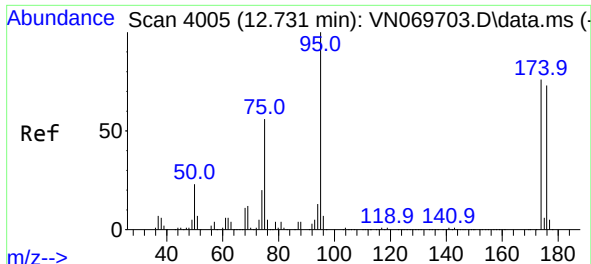
Tgt Ion:113 Resp: 664425
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.6 16.9 25.3



#50
Toluene-d8
Concen: 51.336 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069792.D
Acq: 6 Dec 2021 18:53

Tgt Ion: 98 Resp: 2914201
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 53.568 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.002 min

Lab File: VN069792.D

Acq: 6 Dec 2021 18:53

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

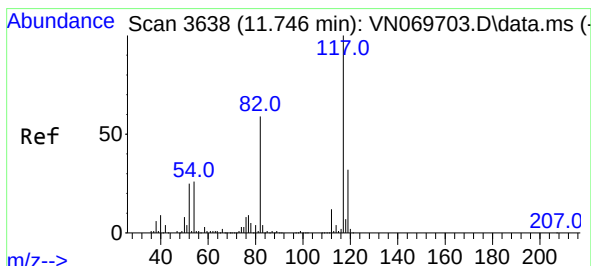
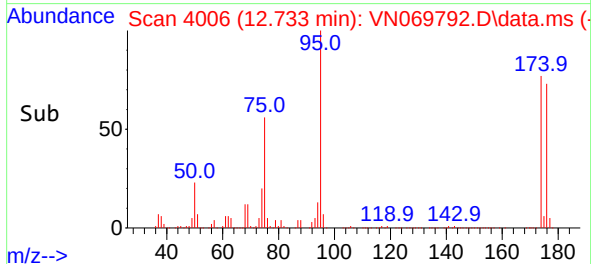
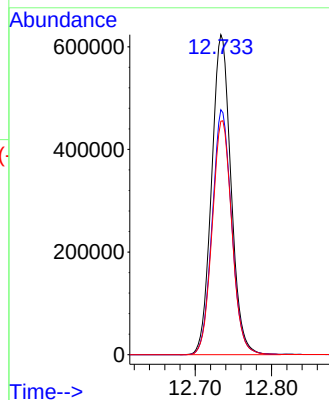
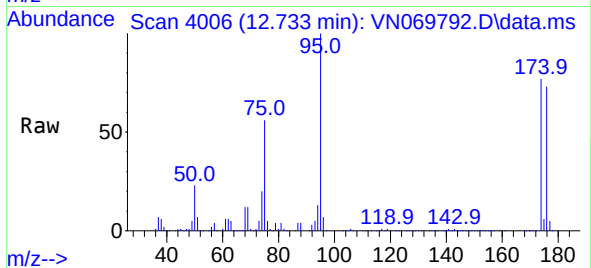
Tgt Ion: 95 Resp: 1101650

Ion Ratio Lower Upper

95 100

174 76.9 0.0 187.2

176 74.2 0.0 181.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069792.D

Acq: 6 Dec 2021 18:53

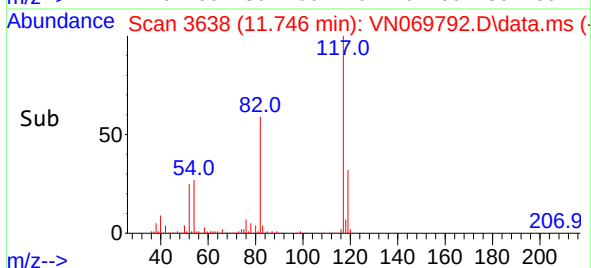
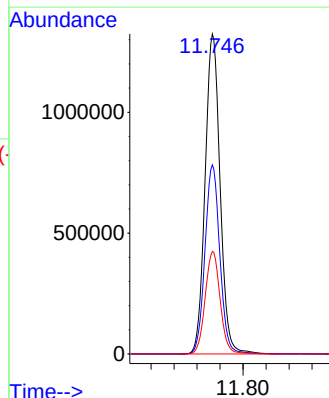
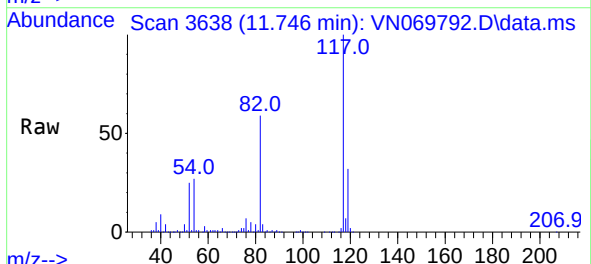
Tgt Ion: 117 Resp: 2394115

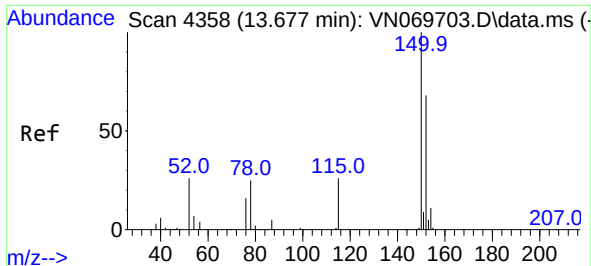
Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

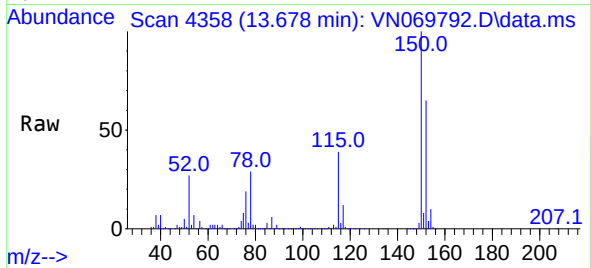
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069792.D
 Acq: 6 Dec 2021 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:152 Resp: 902508

Ion	Ratio	Lower	Upper
152	100		
115	60.5	27.5	82.5
150	156.4	0.0	344.4

