

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067863.D
 Acq On : 22 Jul 2021 15:27
 Operator : JC/MD
 Sample : M3120-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-RW6A-IDWGW-20210720

Manual Integrations
 APPROVED

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 7/27/2021 3:39:04 PM

Quant Time: Jul 24 07:13:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	56446	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	315082	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	280828	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	147342	32.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.70%
60) 4-Bromofluorobenzene	12.736	95	111889	24.53	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.77%
63) Toluene-d8	10.443	98	391944	30.34	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.13%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.197	101	6121m	2.07	ug/l	
37) Trichloroethene	9.220	130	22064	5.75	ug/l	92

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

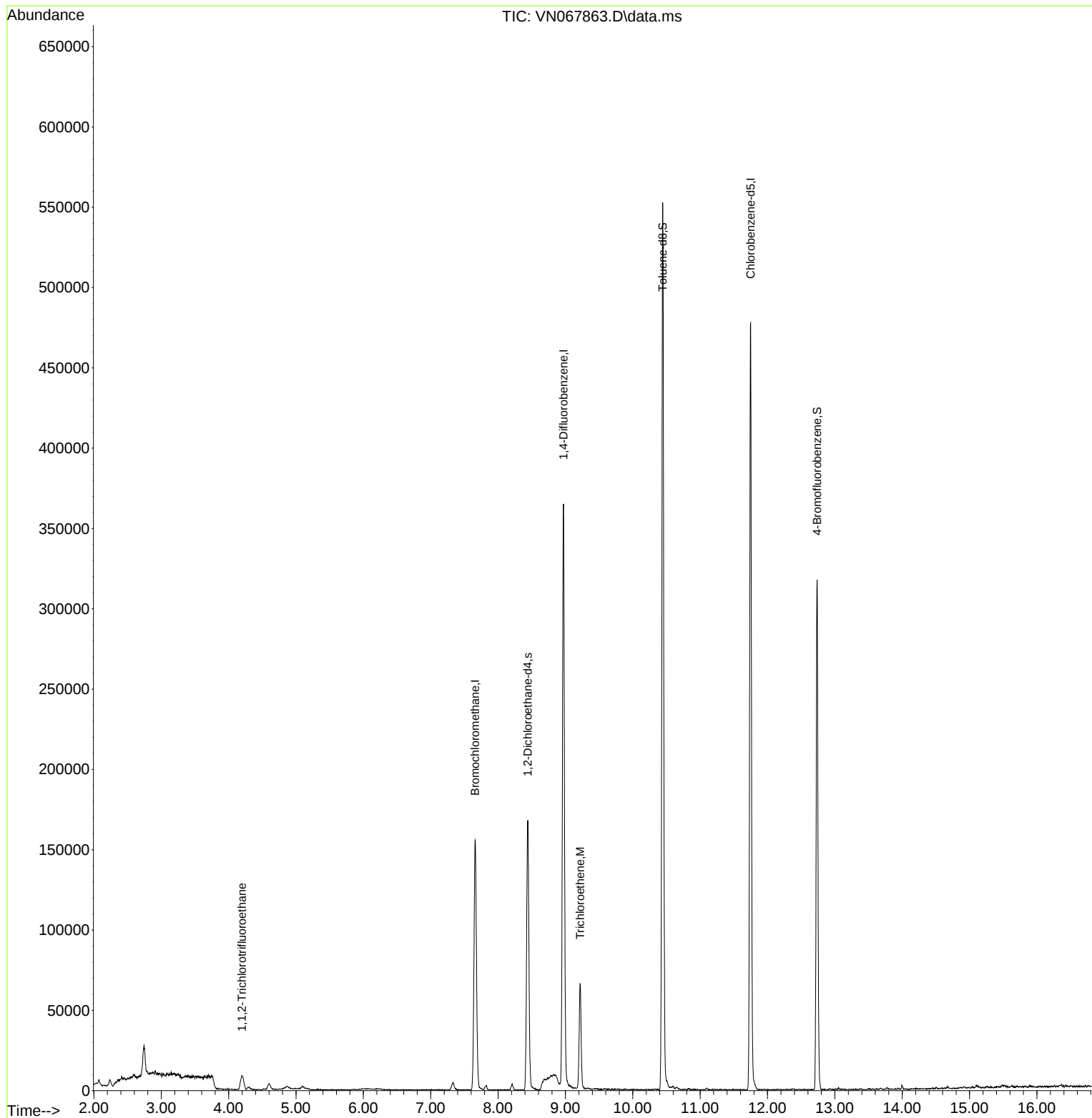
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
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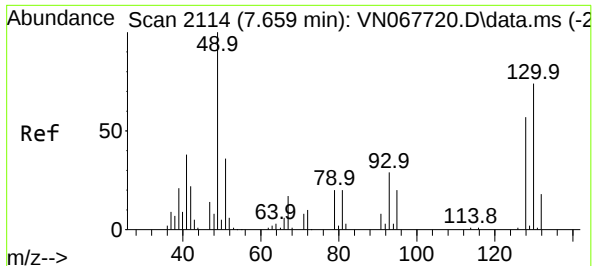
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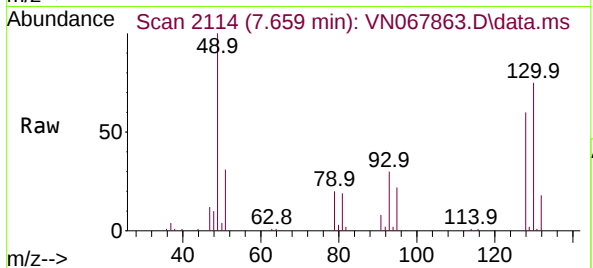
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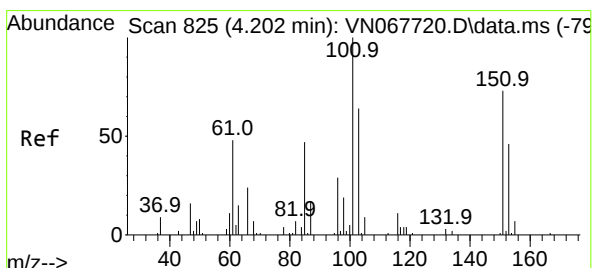
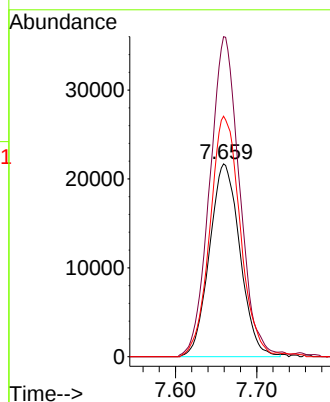
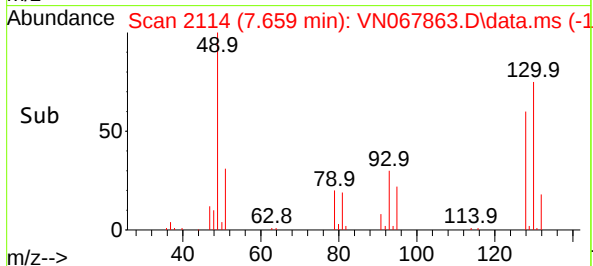




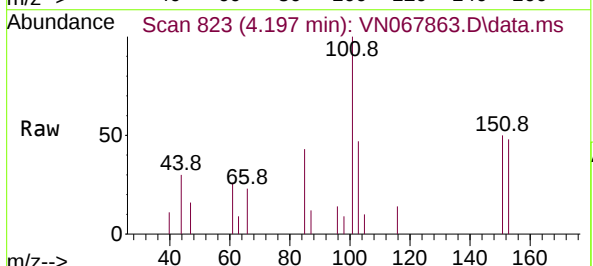
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27



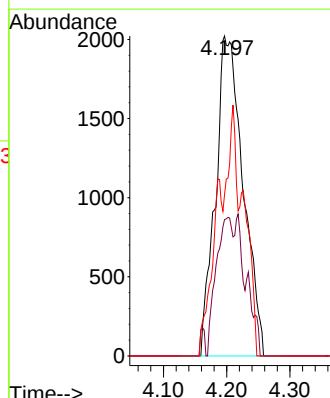
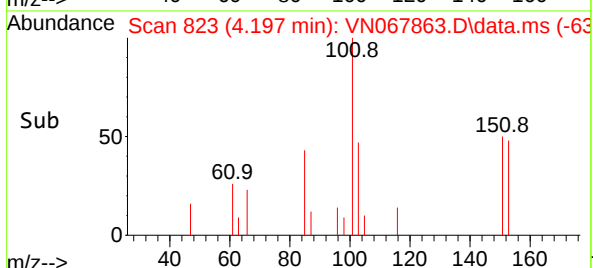
Tgt Ion:128 Resp: 56446
Ion Ratio Lower Upper
128 100
49 161.9 0.0 433.0
130 123.5 0.0 323.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.07 ug/l m
RT: 4.197 min Scan# 823
Delta R.T. -0.006 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27



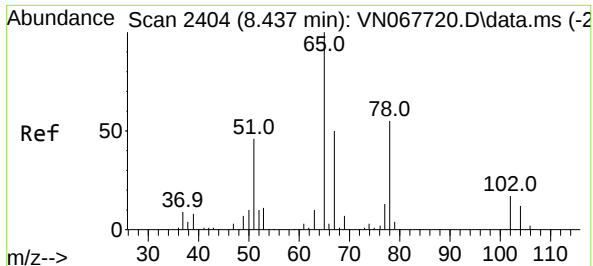
Tgt Ion:101 Resp: 6121
Ion Ratio Lower Upper
101 100
85 26.0 0.0 98.0
151 22.7 0.0 143.8



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#27

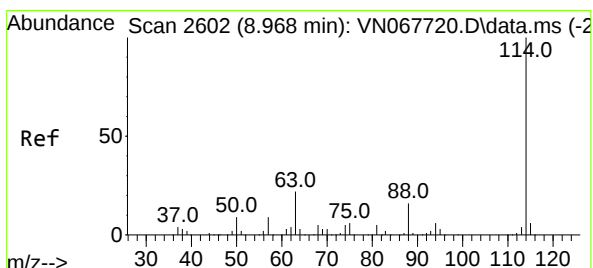
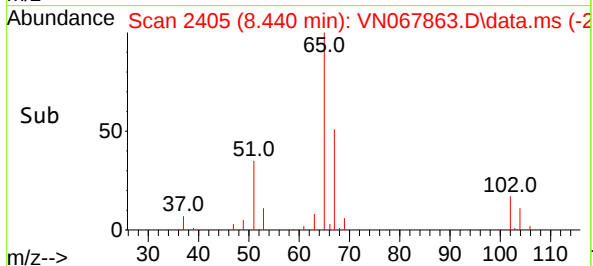
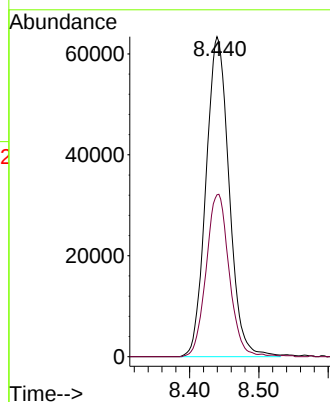
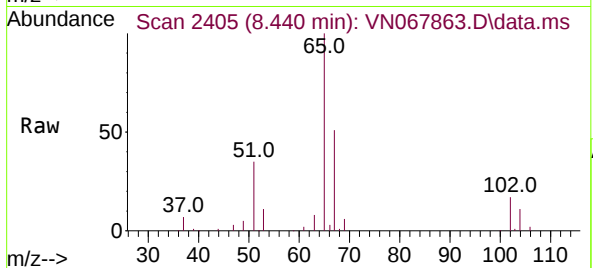
1,2-Dichloroethane-d4
Concen: 32.31 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.002 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27

Tgt Ion: 65 Resp: 147342
Ion Ratio Lower Upper
65 100
67 50.1 40.6 60.8

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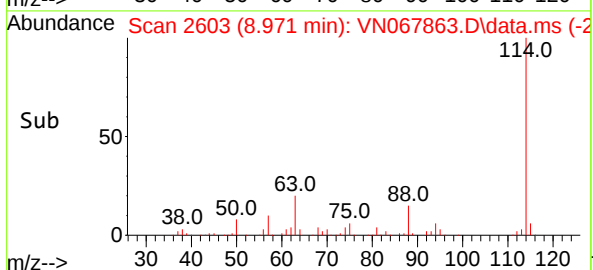
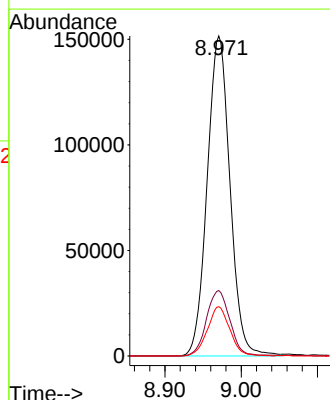
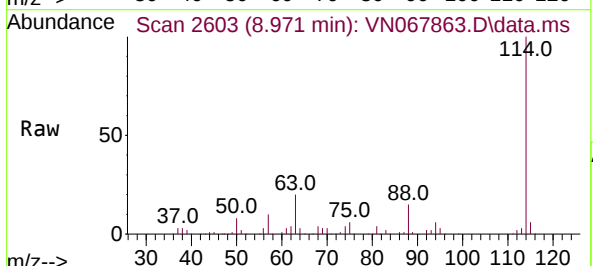
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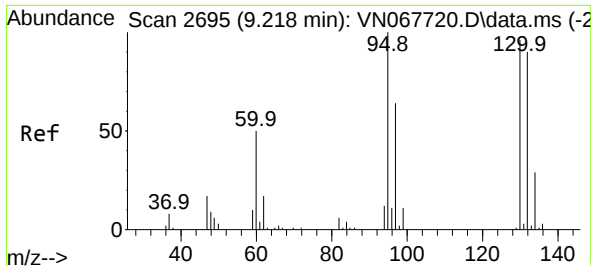


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.002 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27

Tgt Ion: 114 Resp: 315082
Ion Ratio Lower Upper
114 100
63 20.9 17.2 25.8
88 15.2 12.4 18.6





#37

Trichloroethene

Concen: 5.75 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.002 min

Lab File: VN067863.D

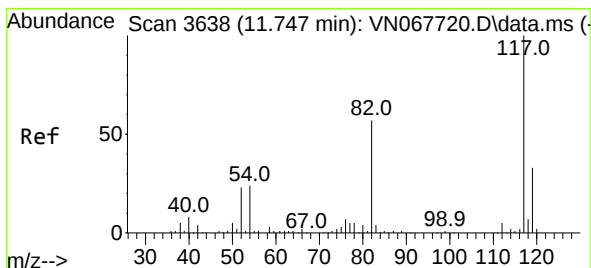
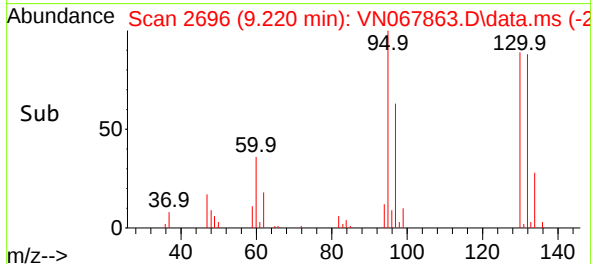
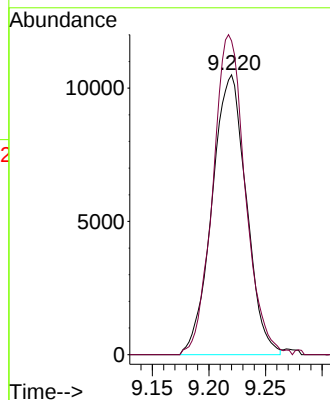
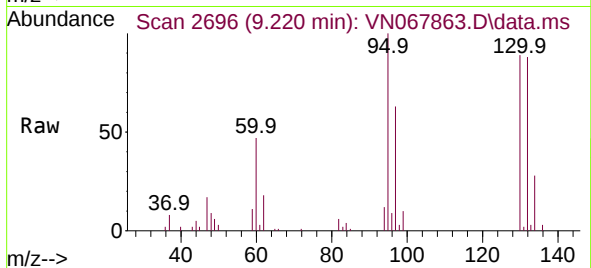
Acq: 22 Jul 2021 15:27

Tgt Ion:130 Resp: 22064

Ion Ratio Lower Upper

130 100

95 112.1 83.2 124.8



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.749 min Scan# 3639

Delta R.T. 0.002 min

Lab File: VN067863.D

Acq: 22 Jul 2021 15:27

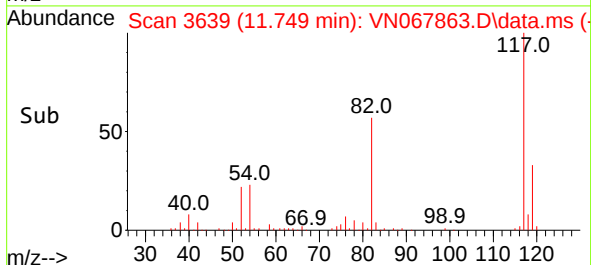
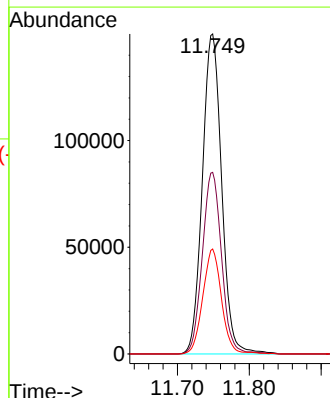
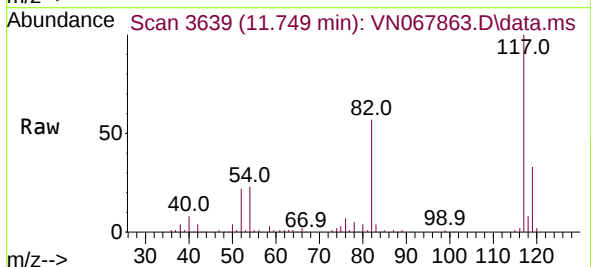
Tgt Ion:117 Resp: 280828

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.0

119 31.8 25.7 38.5



Instrument :

MSVOA_N

ClientSampleId :

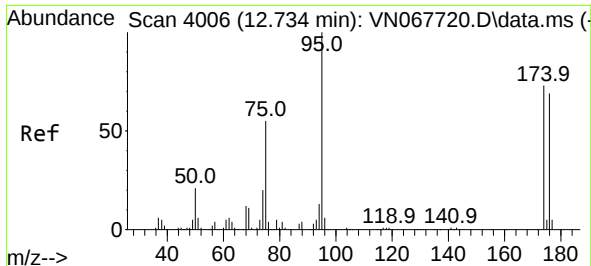
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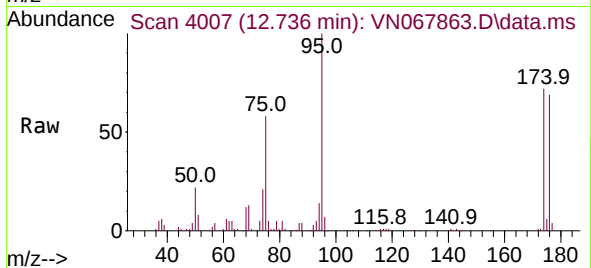
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#60
4-Bromofluorobenzene
Concen: 24.53 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27

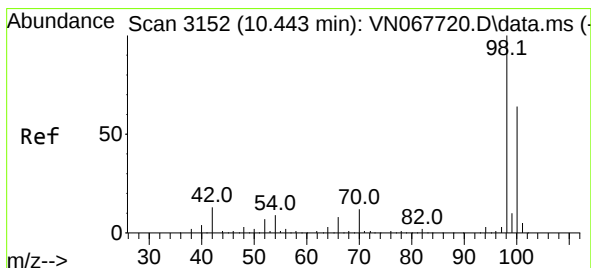
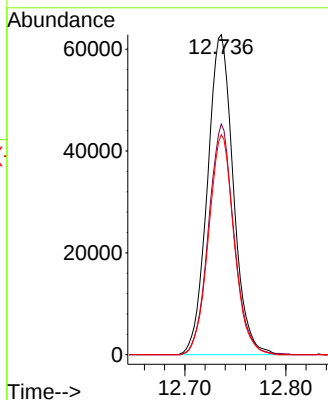
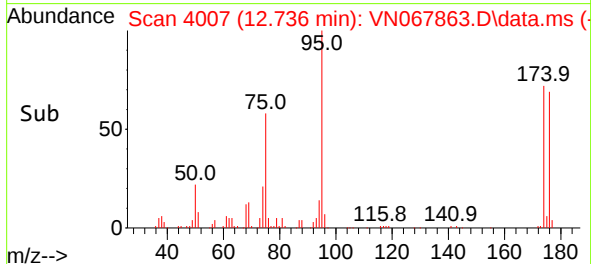
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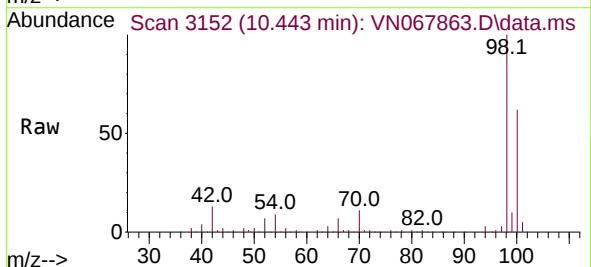
Tgt Ion: 95 Resp: 111889
Ion Ratio Lower Upper
95 100
174 71.1 57.1 85.7
176 67.8 54.6 81.8

Manual Integrations
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#63
Toluene-d8
Concen: 30.34 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067863.D
Acq: 22 Jul 2021 15:27



Tgt Ion: 98 Resp: 391944
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4

