

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070097.D
 Acq On : 15 Dec 2021 2:54
 Operator : JC/MD
 Sample : M5011-08 10X
 Misc : 3.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-4-(9.5-10)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:30:01 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	1191756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2328292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2815067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1160393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	976286	53.057	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.120%			
35) Dibromofluoromethane	8.021	113	673338	46.170	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.340%			
50) Toluene-d8	10.440	98	3117323	53.234	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.731	95	1408907	66.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 132.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.320	59	25977	7.469	ug/l #	72
20) Methylene Chloride	5.095	84	4932m	0.335	ug/l	

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

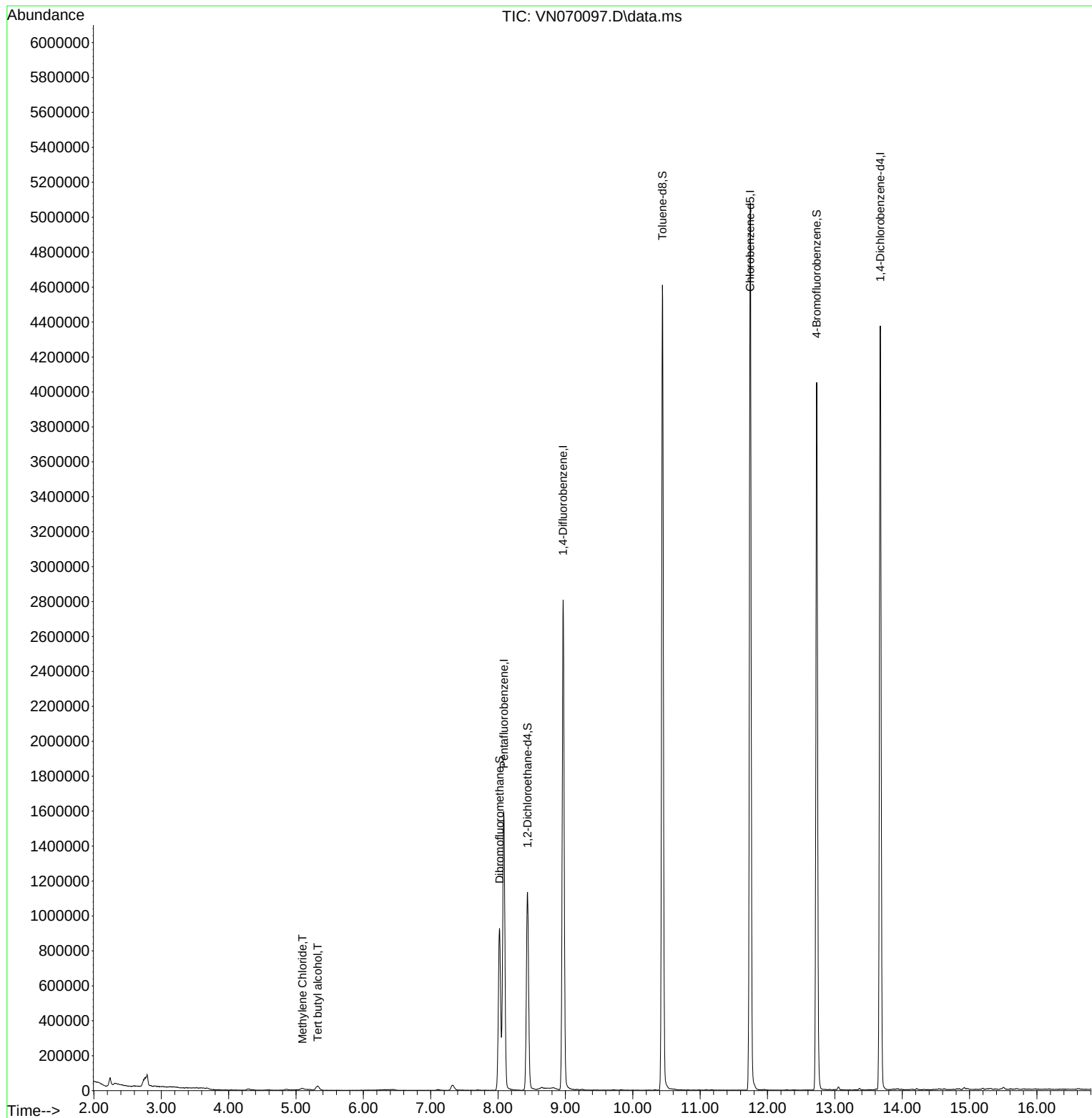
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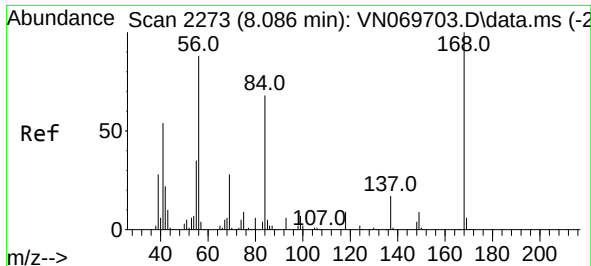
Instrument :
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ClientSampleId :
HSB-4-(9.5-10)

Quant Time: Dec 15 05:30:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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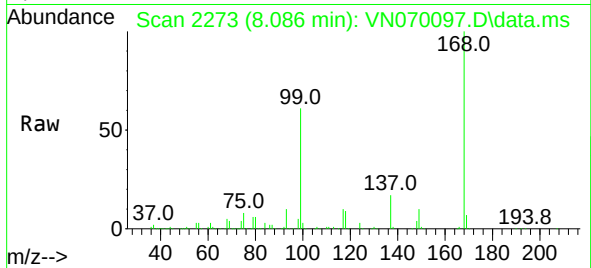
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

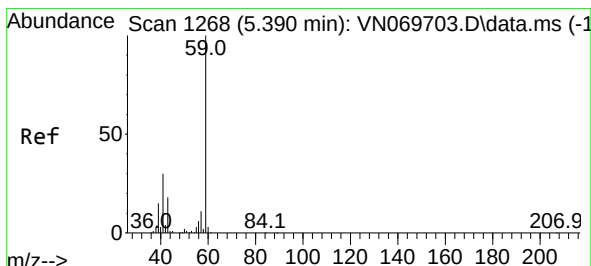
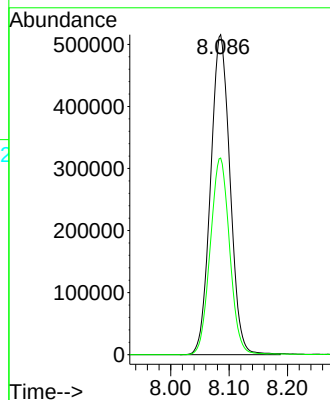
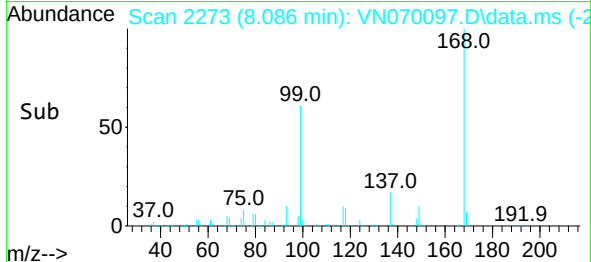
Instrument :
MSVOA_N
ClientSampleId :
HSB-4-(9.5-10)



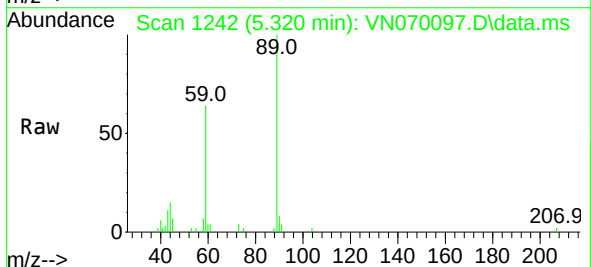
Tgt Ion:168 Resp: 1191750
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9

Manual Integrations
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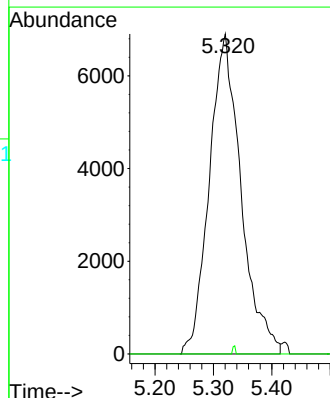
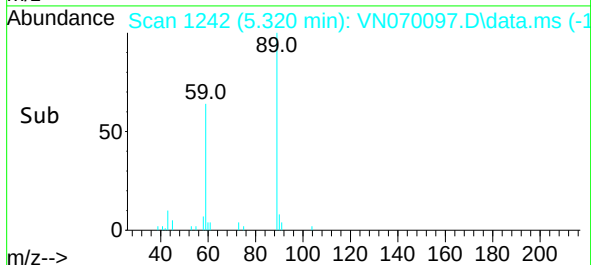
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

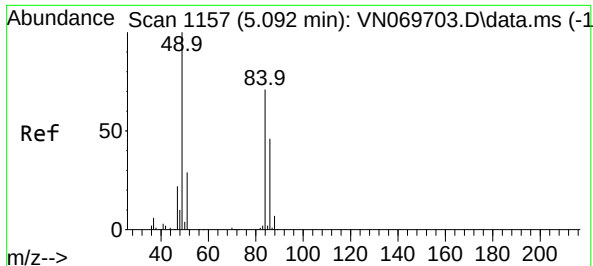


#11
Tert butyl alcohol
Concen: 7.469 ug/l
RT: 5.320 min Scan# 1242
Delta R.T. -0.070 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54



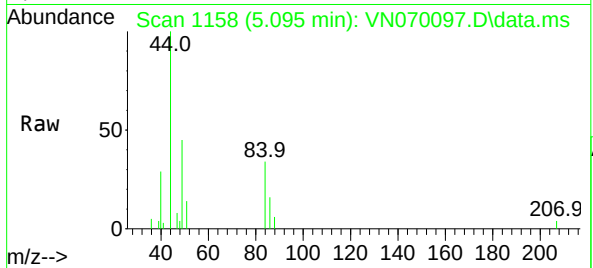
Tgt Ion: 59 Resp: 25977
Ion Ratio Lower Upper
59 100
57 0.2 8.7 13.1#





#20
Methylene Chloride
Concen: 0.335 ug/l m
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

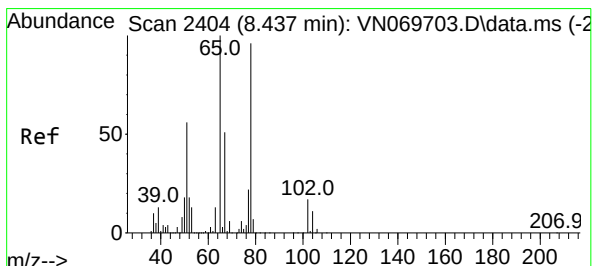
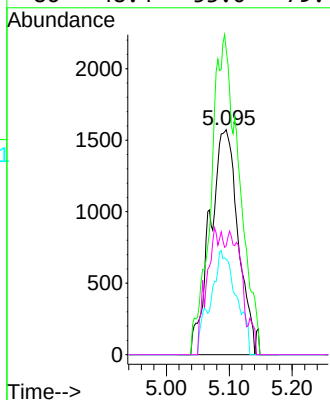
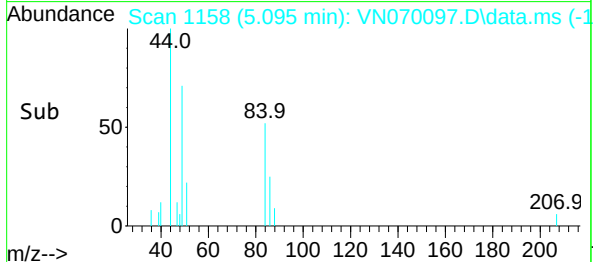
Instrument :
MSVOA_N
ClientSampleId :
HSB-4-(9.5-10)



Tgt Ion: 84 Resp: 4932
Ion Ratio Lower Upper
84 100
49 135.5 93.5 140.3
51 42.5 29.4 44.2
86 48.4 53.0 79.4#

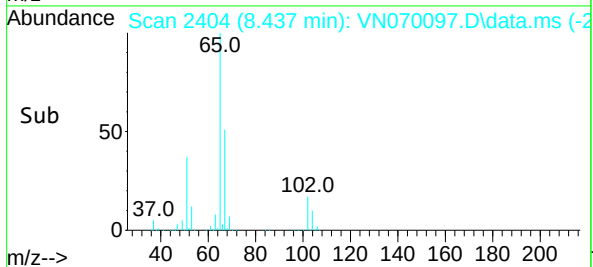
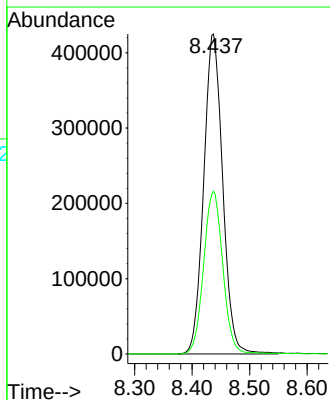
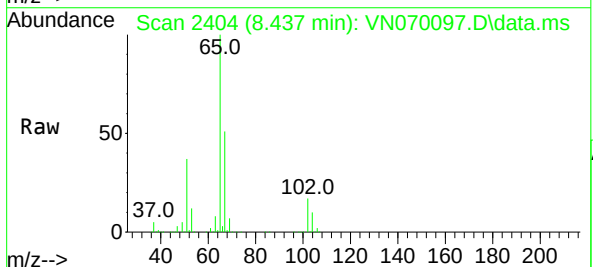
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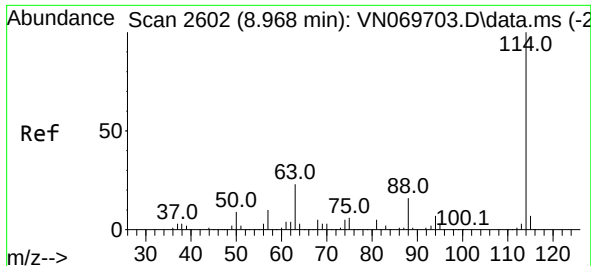
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#33
1,2-Dichloroethane-d4
Concen: 53.057 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

Tgt Ion: 65 Resp: 976286
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

Instrument :

MSVOA_N

ClientSampleId :

HSB-4-(9.5-10)

Tgt Ion:114 Resp: 232829

Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

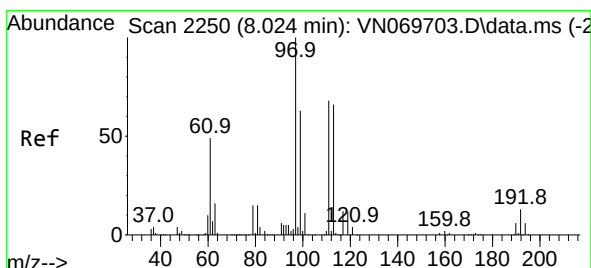
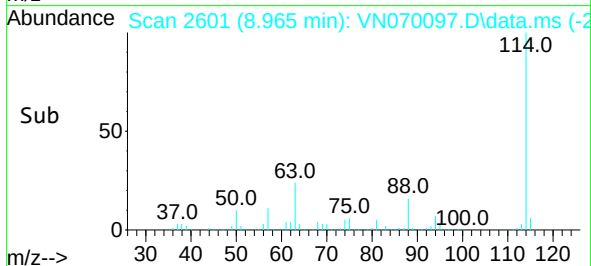
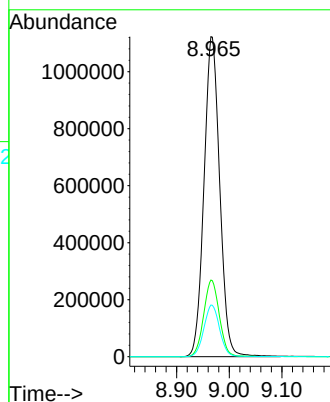
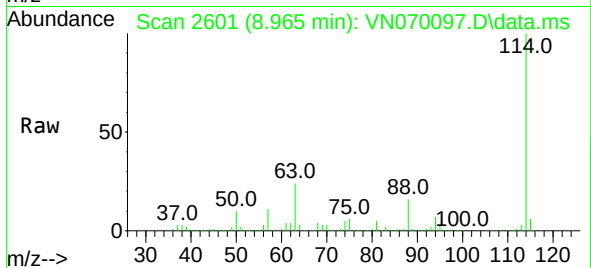
88 16.1 0.0 27.4

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#35

Dibromofluoromethane

Concen: 46.170 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070097.D

Acq: 15 Dec 2021 2:54

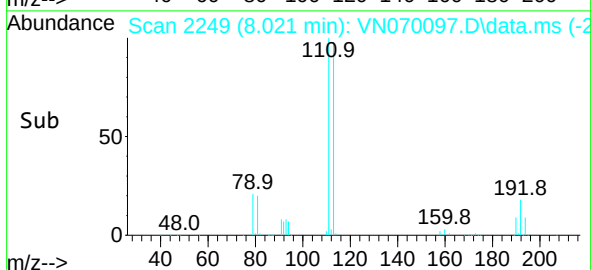
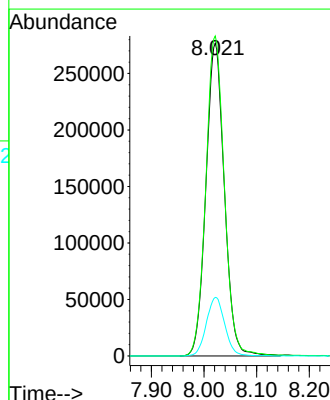
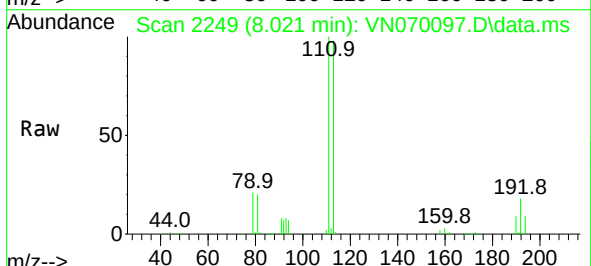
Tgt Ion:113 Resp: 673338

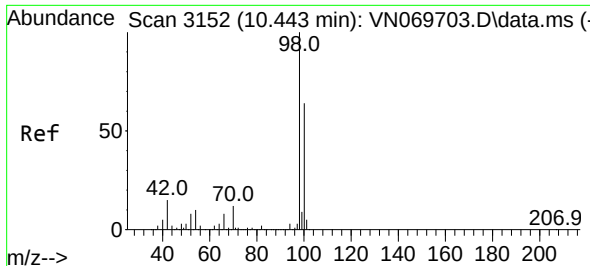
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

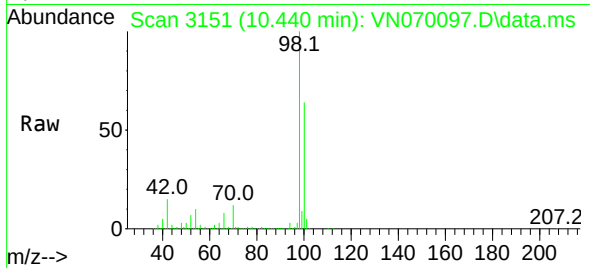
192 18.7 16.9 25.3





#50
Toluene-d8
Concen: 53.234 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

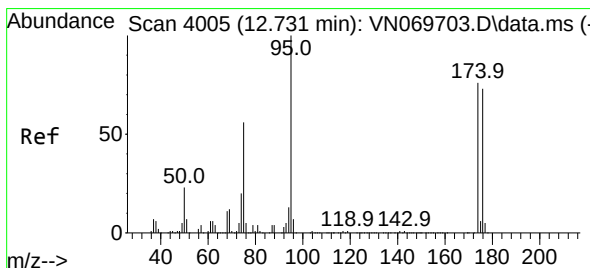
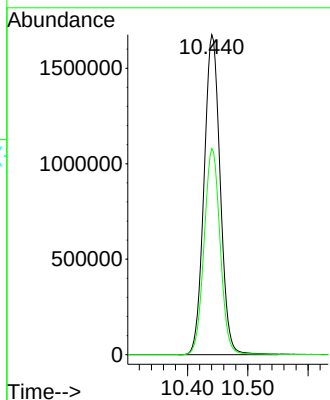
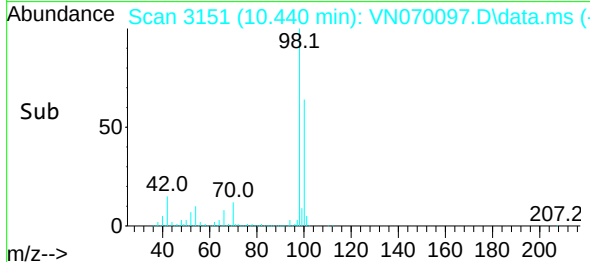
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Tgt Ion: 98 Resp: 311732
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

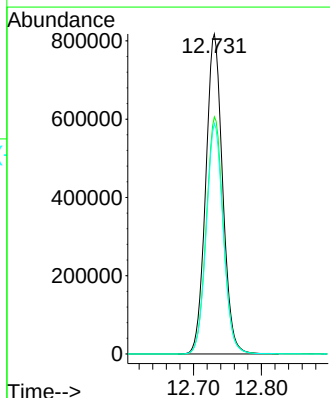
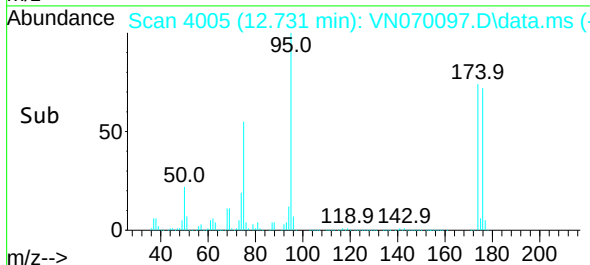
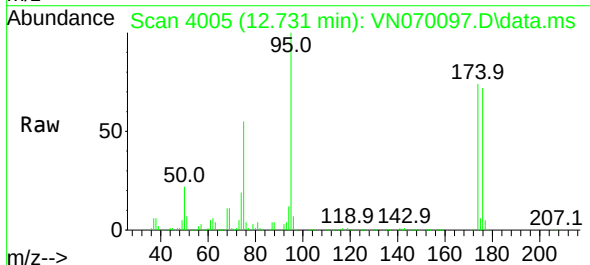
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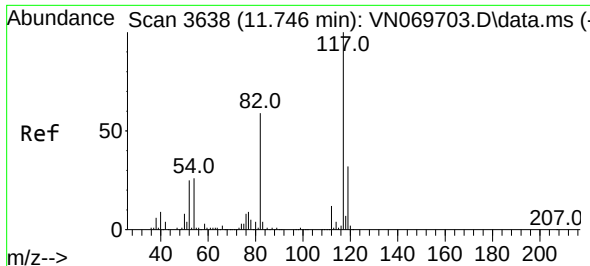
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 66.412 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

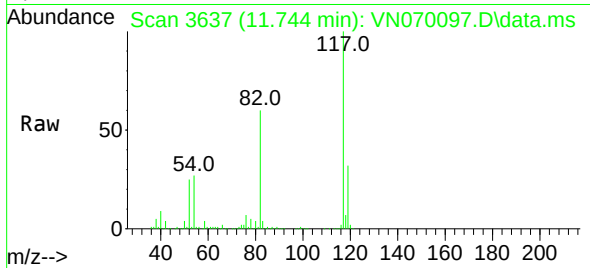
Tgt Ion: 95 Resp: 1408907
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54

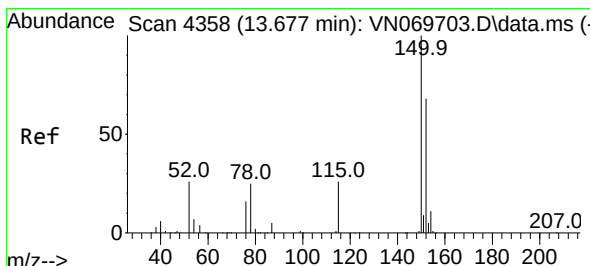
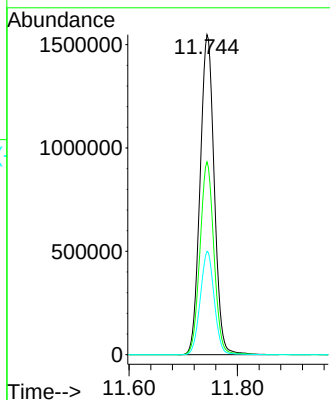
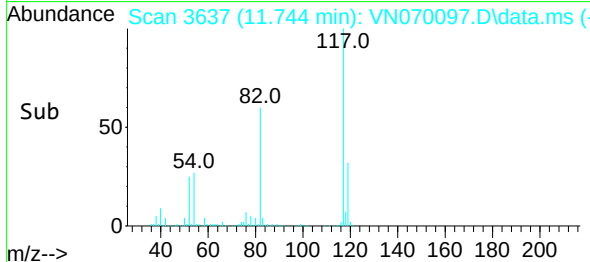
Instrument :
MSVOA_N
ClientSampleId :
HSB-4-(9.5-10)



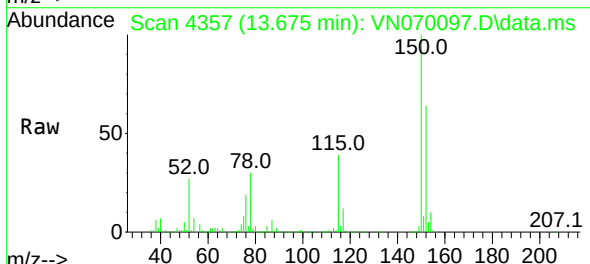
Tgt Ion:117 Resp: 281506
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070097.D
Acq: 15 Dec 2021 2:54



Tgt Ion:152 Resp: 1160393
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.0 0.0 344.4

