

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070165.D
 Acq On : 17 Dec 2021 15:44
 Operator : JC/MD
 Sample : M5039-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:45:49 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	1005399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1674565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1554374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	749597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	711214	45.816	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.640%		
35) Dibromofluoromethane	8.021	113	459279	43.786	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.580%		
50) Toluene-d8	10.443	98	1885731	44.773	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.540%		
62) 4-Bromofluorobenzene	12.731	95	732536	48.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.020%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.382	59	35350m	12.047	ug/l	
17) Carbon Disulfide	4.524	76	11845	0.479	ug/l	100
22) Diisopropyl ether	6.498	45	30659	0.727	ug/l	88
31) Cyclohexane	8.094	56	1073950	49.713	ug/l #	80
39) Methylcyclohexane	9.459	83	2288743	120.702	ug/l #	87
40) Benzene	8.461	78	178692	3.667	ug/l	97
52) Toluene	10.505	92	52788	1.774	ug/l	98
67) Ethyl Benzene	11.846	91	2655544	46.361	ug/l	97
68) m/p-Xylenes	11.959	106	901052	43.203	ug/l	92
69) o-Xylene	12.280	106	114441	5.448	ug/l	90
73) Isopropylbenzene	12.578	105	11818351	177.205	ug/l	99
78) n-propylbenzene	12.913	91	16926713m	228.077	ug/l	
80) 1,3,5-Trimethylbenzene	13.053	105	17594366m	327.763	ug/l	
83) tert-Butylbenzene	13.324	119	31428m	0.661	ug/l	
84) 1,2,4-Trimethylbenzene	13.353	105	22932744m	448.582	ug/l	
85) sec-Butylbenzene	13.501	105	1017458	15.781	ug/l #	69
86) p-Isopropyltoluene	13.616	119	200290m	3.974	ug/l	
89) n-Butylbenzene	13.943	91	1059695	25.922	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.703	180	9268	3.171	ug/l #	80

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

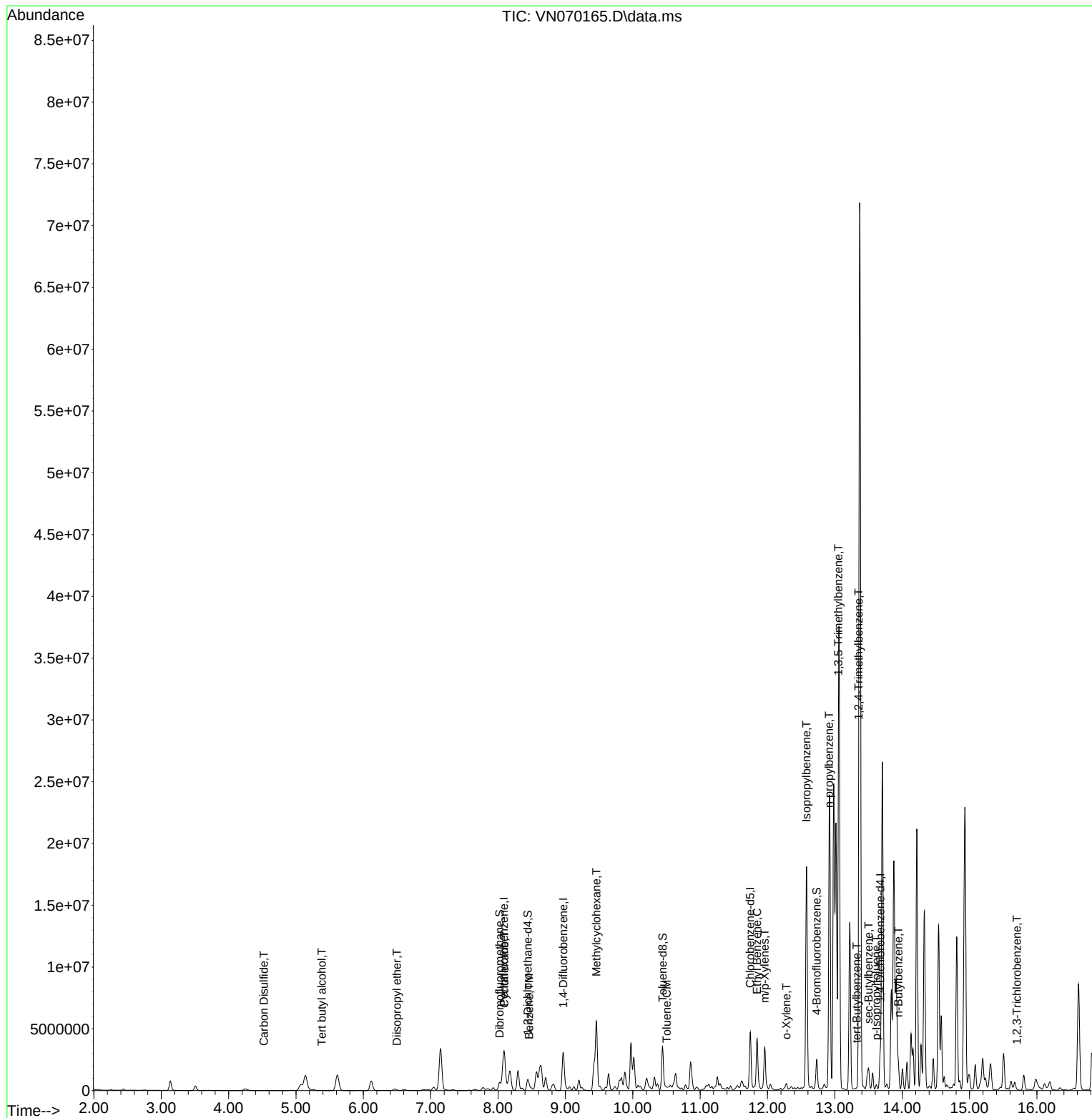
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
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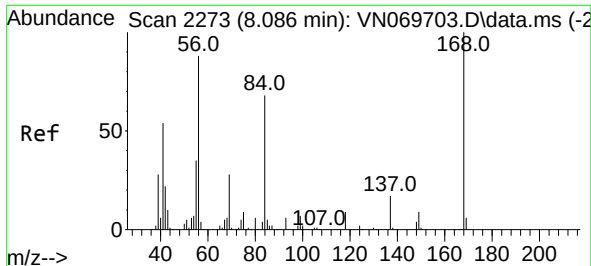
Instrument :
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MW-11

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Supervised By : Mahesh Dadoda 12/23/2021

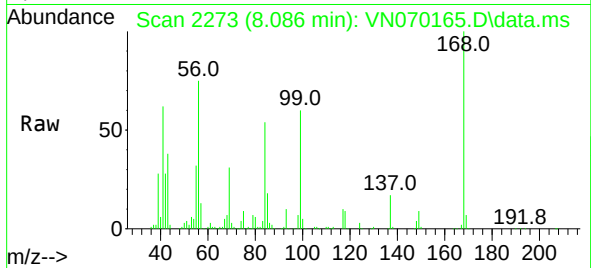
Quant Time: Dec 18 05:45:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

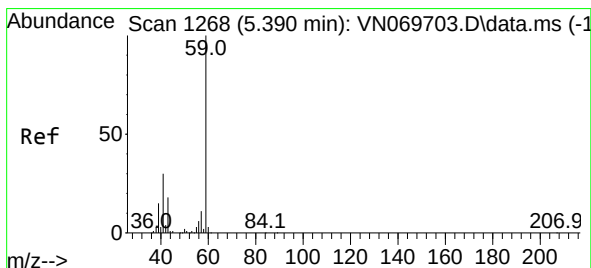
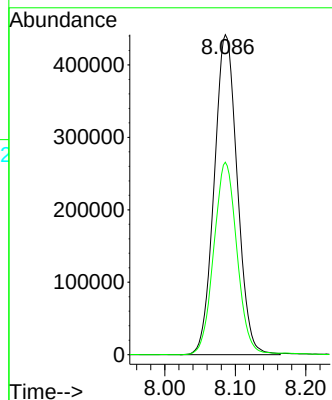
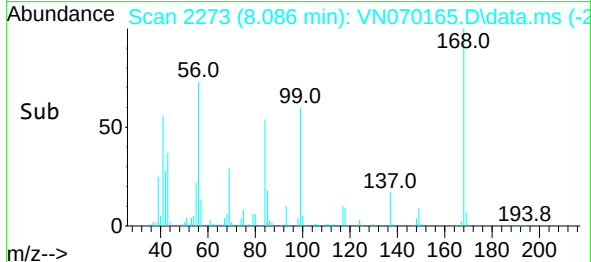
Instrument :
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Tgt Ion:168 Resp: 100539
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

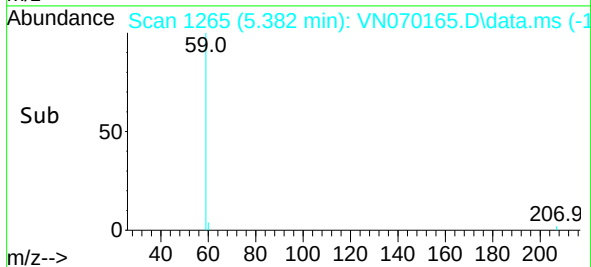
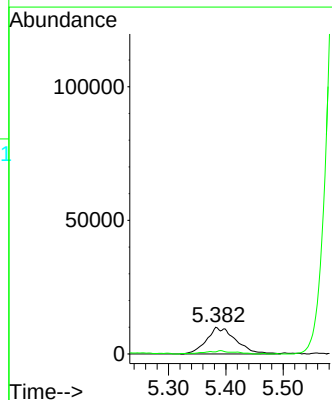
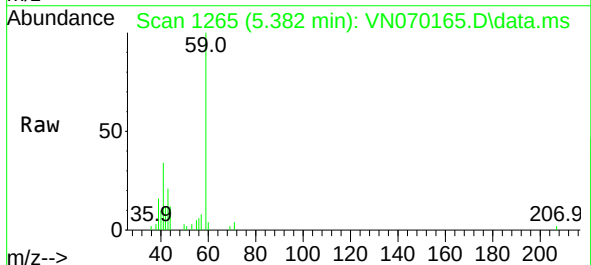
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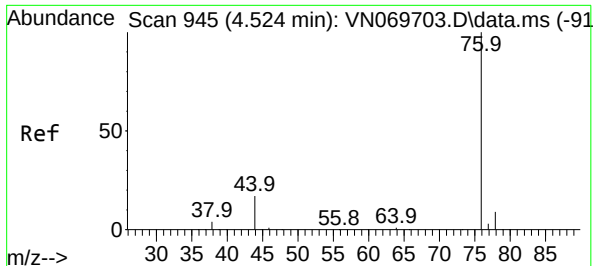
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#11
Tert butyl alcohol
Concen: 12.047 ug/l m
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

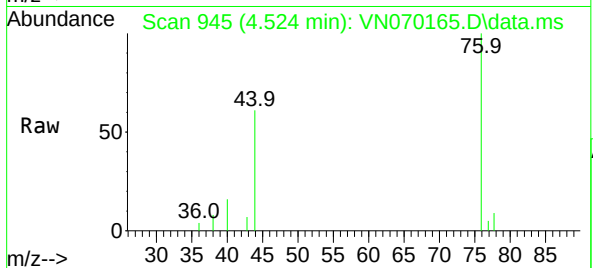
Tgt Ion: 59 Resp: 35350
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

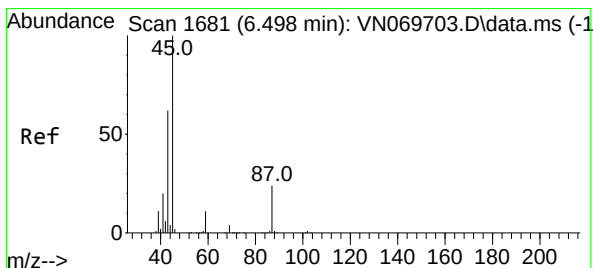
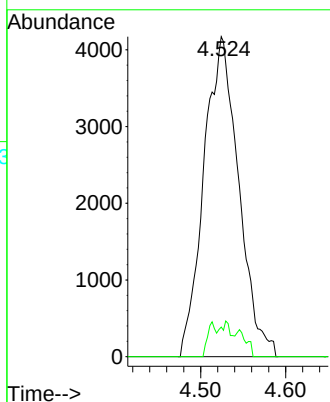
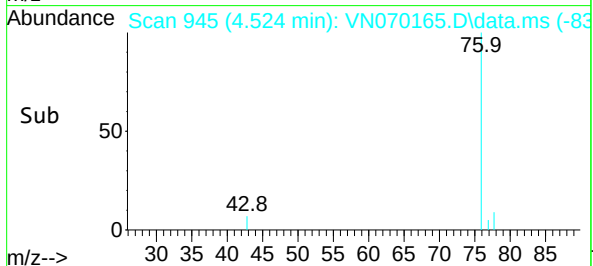
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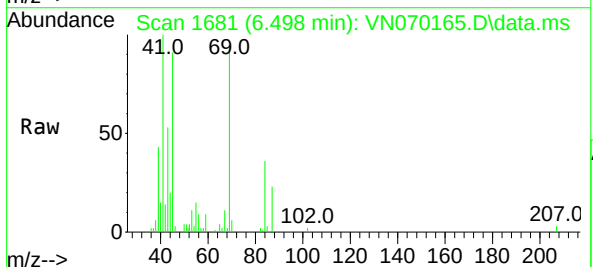
Tgt Ion: 76 Resp: 1184
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

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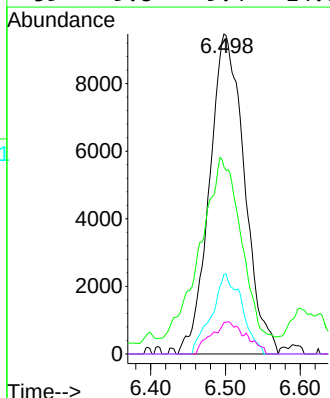
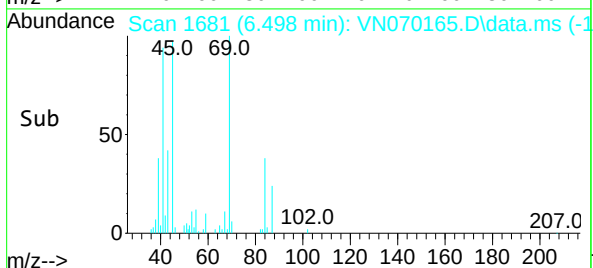
Reviewed By :John Carlone 12/18/2021
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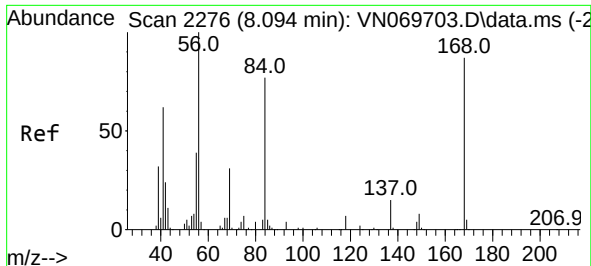


#22
Diisopropyl ether
Concen: 0.727 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



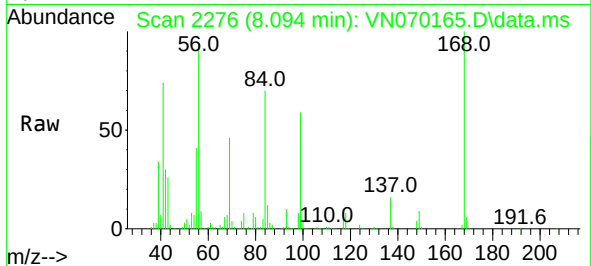
Tgt Ion: 45 Resp: 30659
Ion Ratio Lower Upper
45 100
43 53.0 51.7 77.5
87 24.9 23.2 34.8
59 9.8 9.4 14.0





#31
Cyclohexane
Concen: 49.713 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

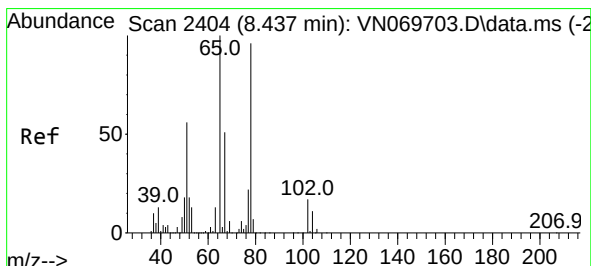
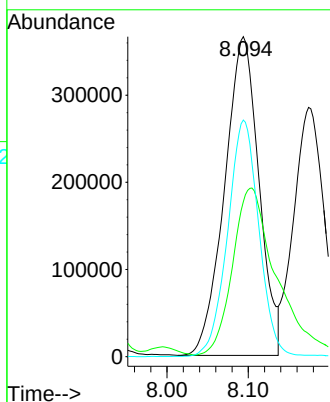
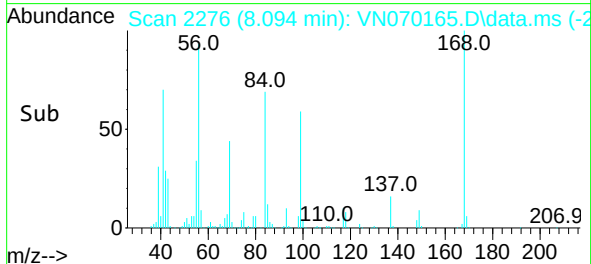
Instrument :
MSVOA_N
ClientSampleId :
MW-11



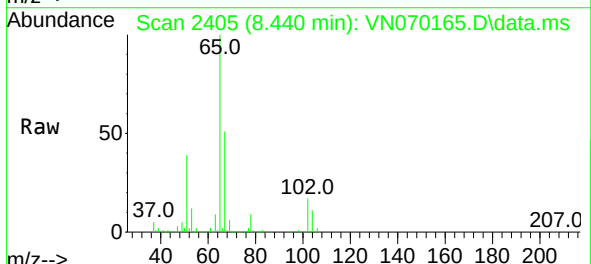
Tgt Ion: 56 Resp: 1073950
Ion Ratio Lower Upper
56 100
69 46.9 27.1 40.7
84 74.1 73.4 110.0

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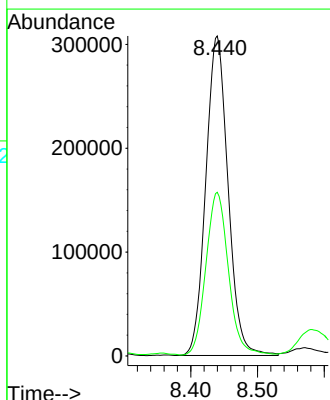
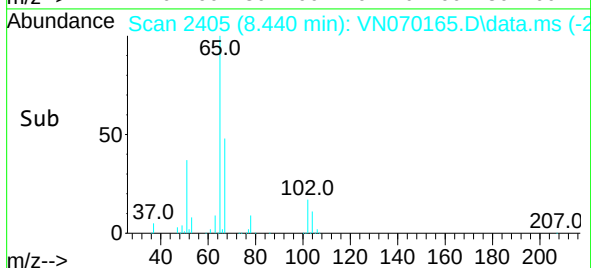
Reviewed By :John Carlone 12/18/2021
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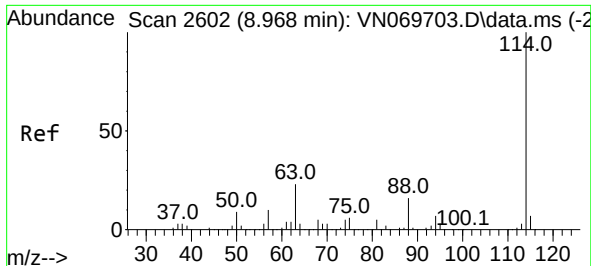


#33
1,2-Dichloroethane-d4
Concen: 45.816 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



Tgt Ion: 65 Resp: 711214
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :

MW-11

Tgt Ion:114 Resp: 167456

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

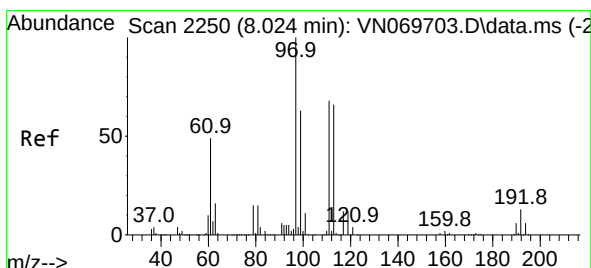
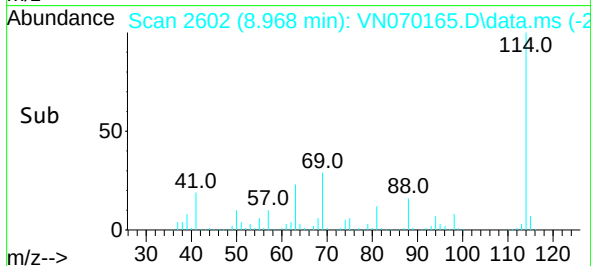
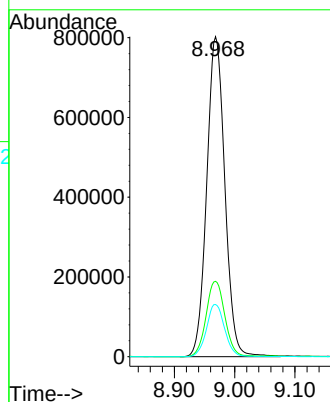
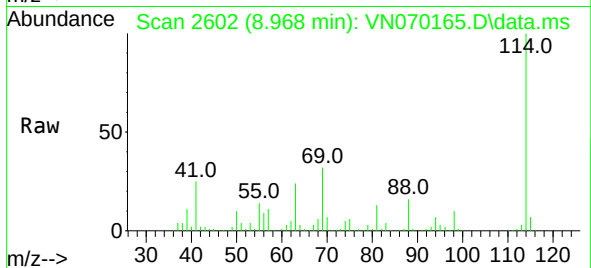
88 16.3 0.0 27.4

Manual Integrations

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Supervised By :Mahesh Dadoda 12/23/2021



#35

Dibromofluoromethane

Concen: 43.786 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.002 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

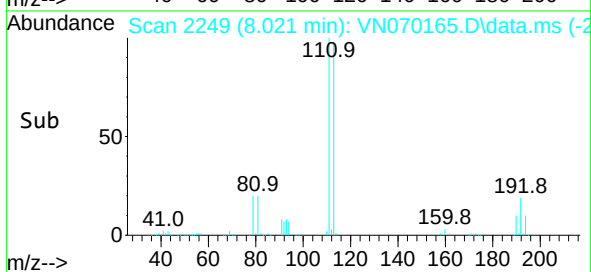
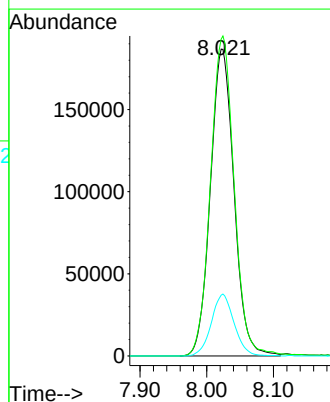
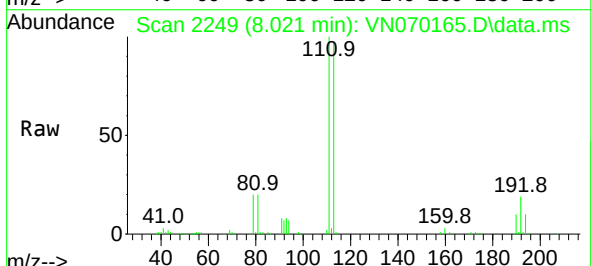
Tgt Ion:113 Resp: 459279

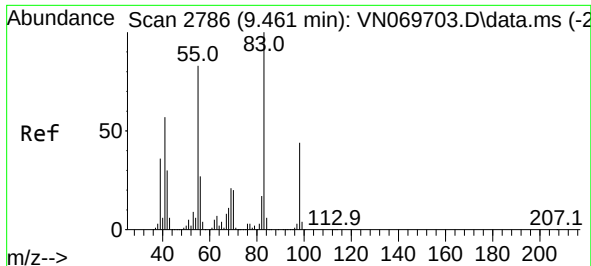
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

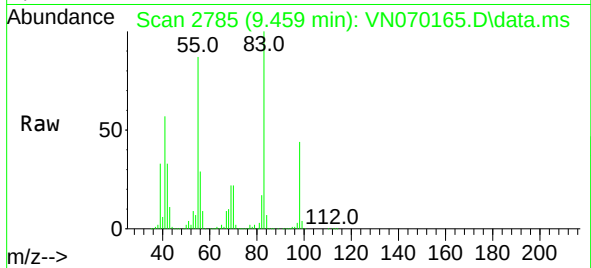
192 19.4 16.9 25.3





#39
Methylcyclohexane
Concen: 120.702 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

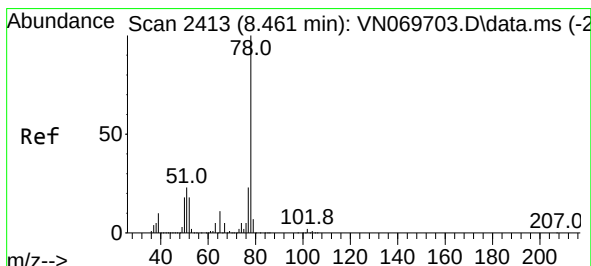
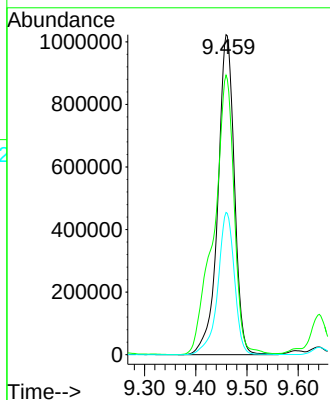
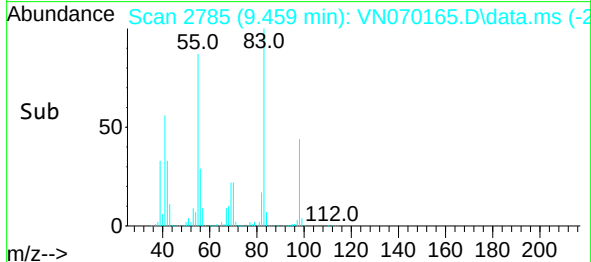
Instrument :
MSVOA_N
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MW-11



Tgt Ion: 83 Resp: 228874
Ion Ratio Lower Upper
83 100
55 87.3 58.1 87.1
98 44.5 38.4 57.6

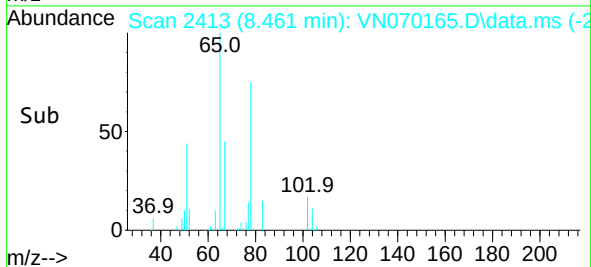
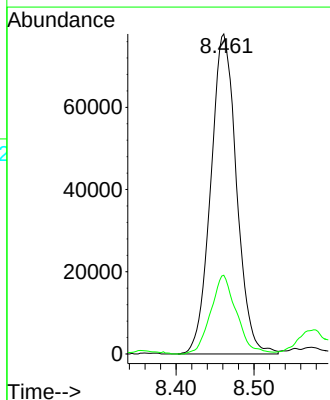
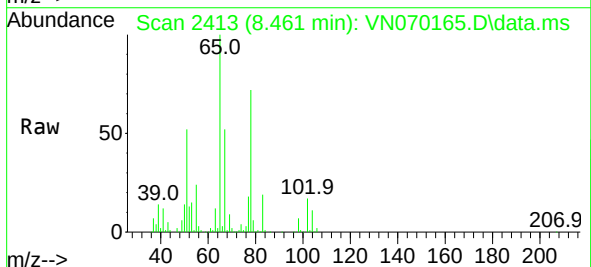
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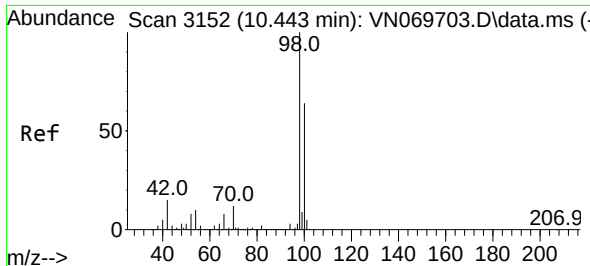
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 3.667 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

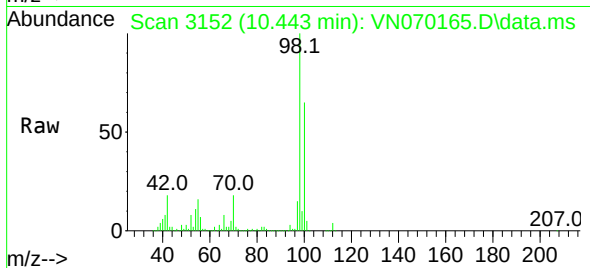
Tgt Ion: 78 Resp: 178692
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8





#50
Toluene-d8
Concen: 44.773 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

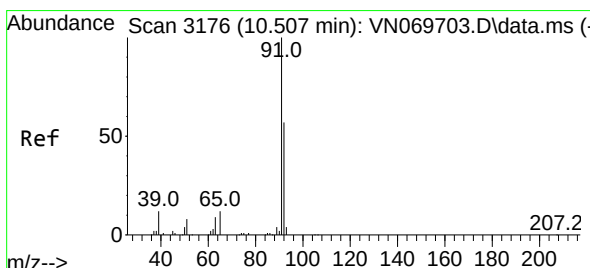
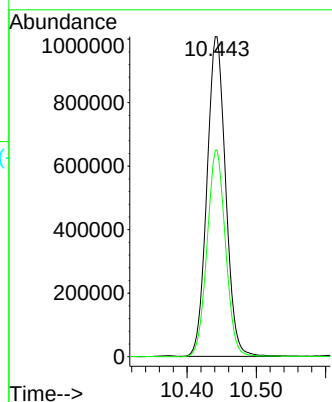
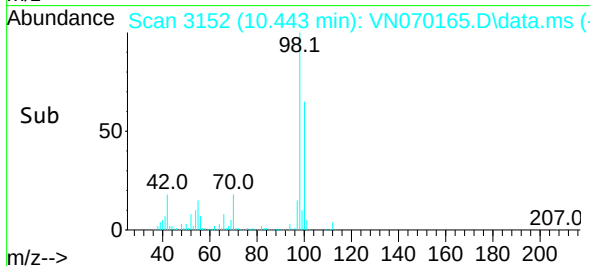
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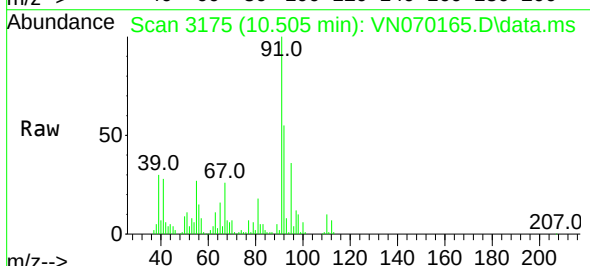
Tgt Ion: 98 Resp: 188573
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

Manual Integrations
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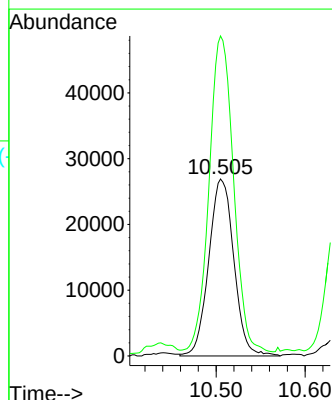
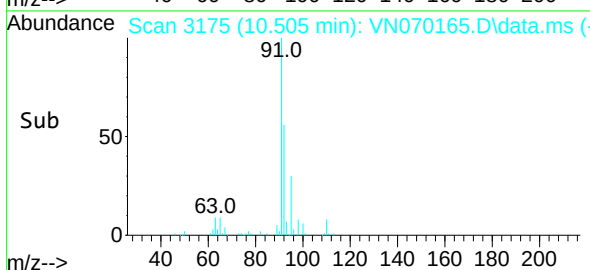
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

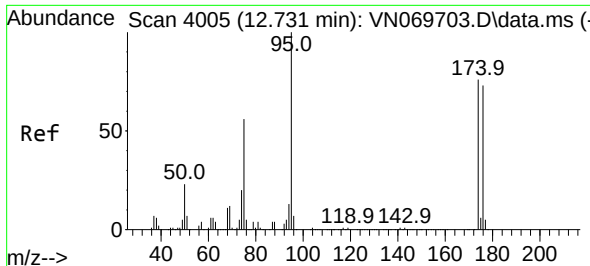


#52
Toluene
Concen: 1.774 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



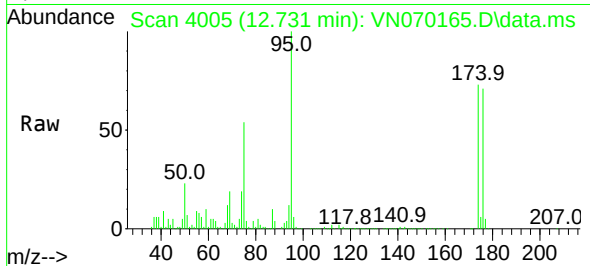
Tgt Ion: 92 Resp: 52788
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 48.009 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

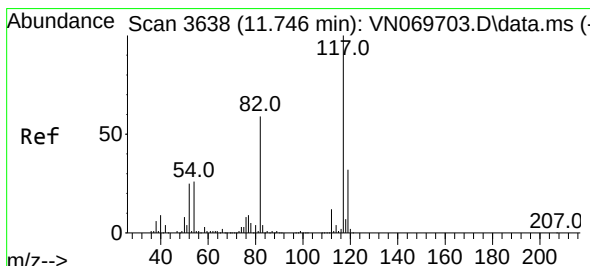
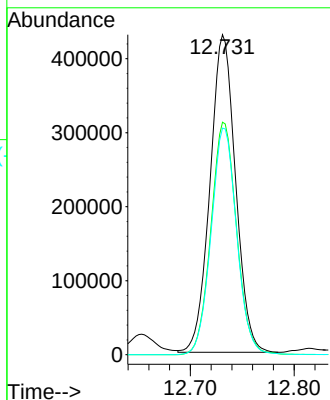
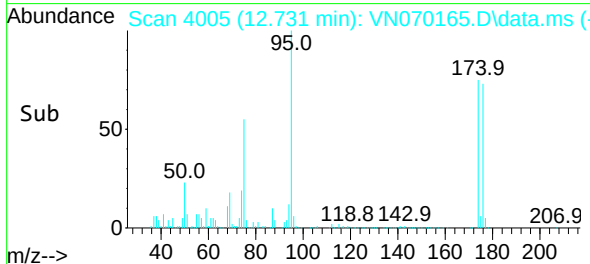
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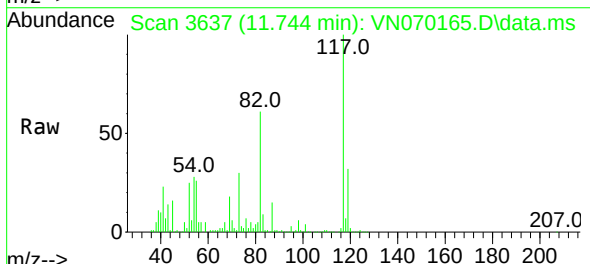
Tgt Ion: 95 Resp: 732530
Ion Ratio Lower Upper
95 100
174 73.7 0.0 187.2
176 71.5 0.0 181.4

Manual Integrations
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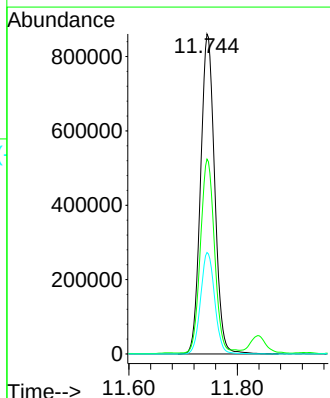
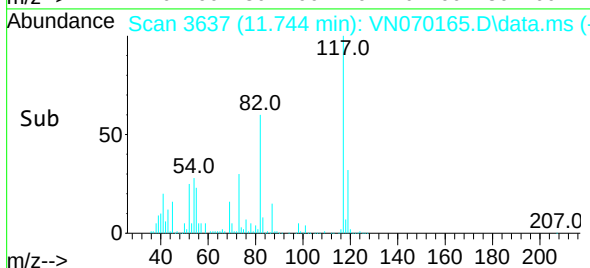
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

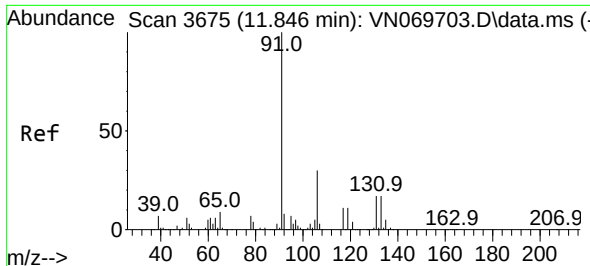


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



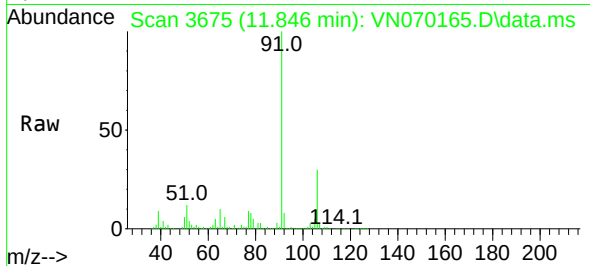
Tgt Ion:117 Resp: 1554374
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.7 25.4 38.2





#67
Ethyl Benzene
Concen: 46.361 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

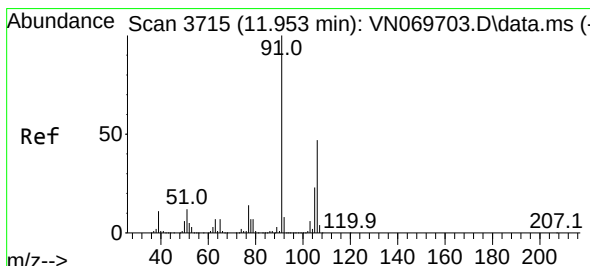
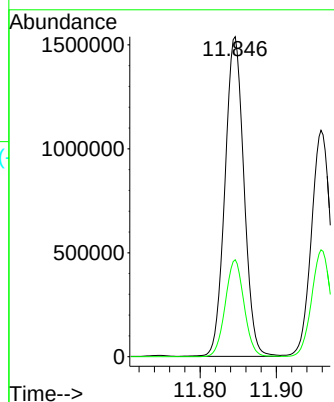
Instrument :
MSVOA_N
ClientSampleId :
MW-11



Tgt Ion: 91 Resp: 265554
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

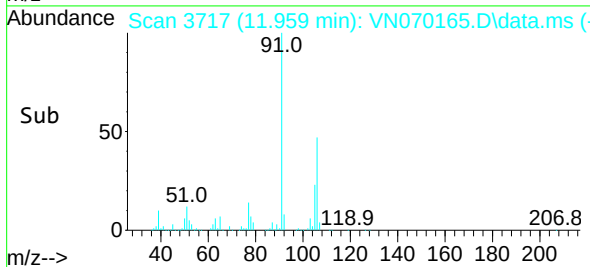
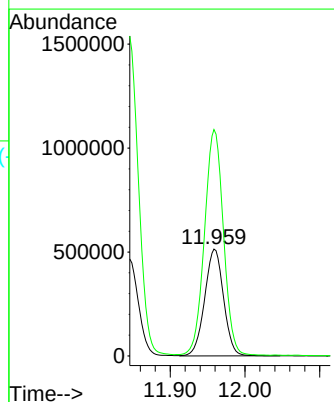
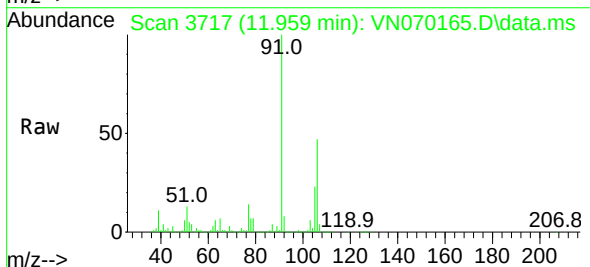
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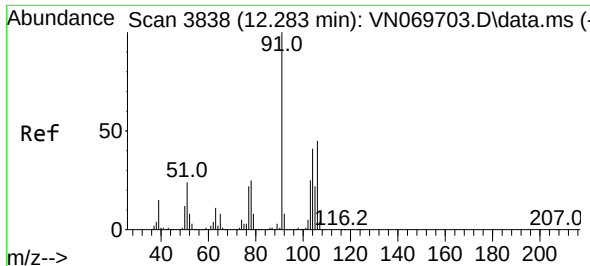
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 43.203 ug/l
RT: 11.959 min Scan# 3717
Delta R.T. 0.006 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion:106 Resp: 901052
Ion Ratio Lower Upper
106 100
91 212.3 160.6 240.8





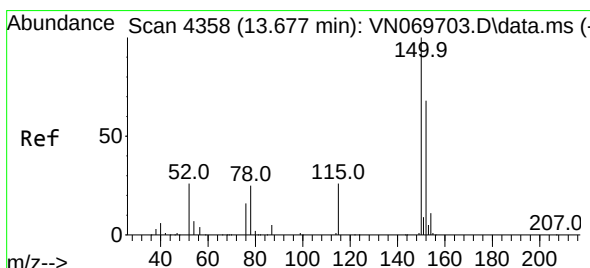
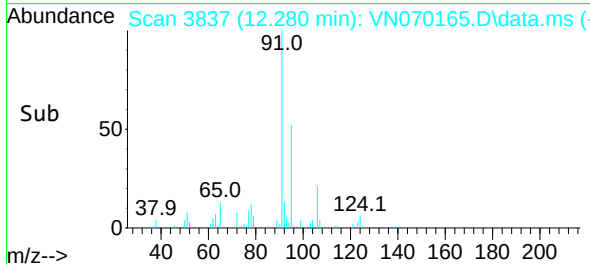
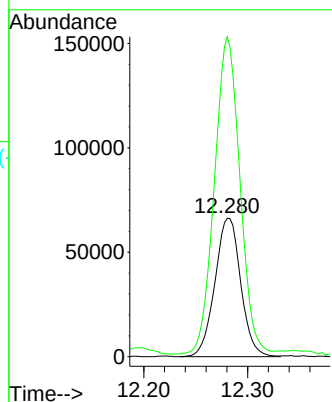
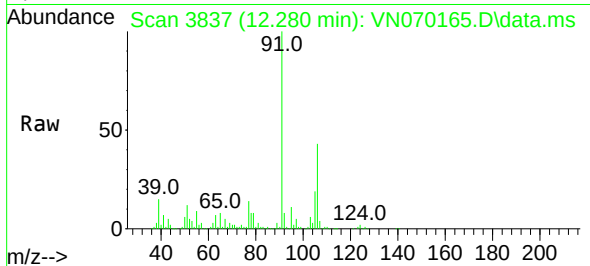
#69
o-Xylene
Concen: 5.448 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:106 Resp: 11444
Ion Ratio Lower Upper
106 100
91 226.5 105.8 317.3

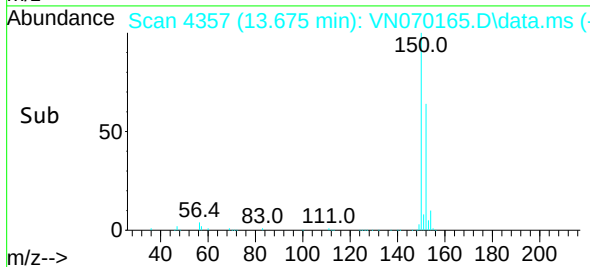
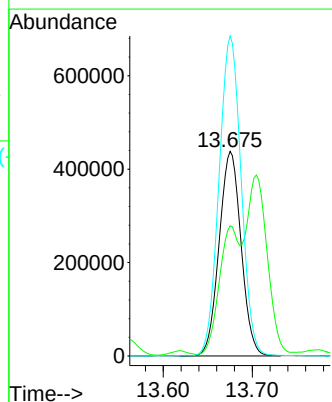
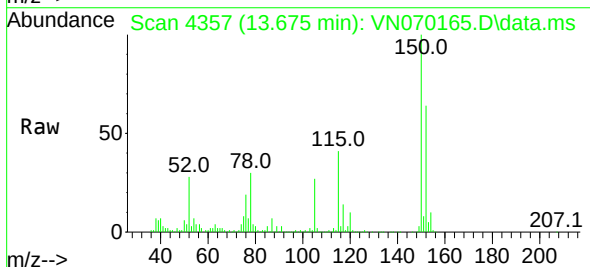
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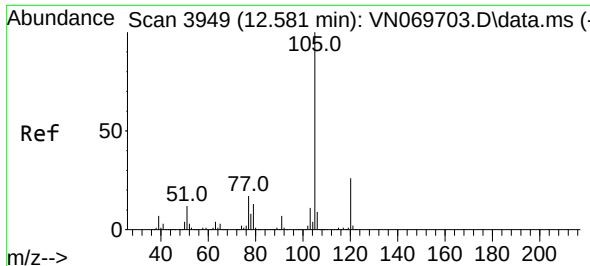
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion:152 Resp: 749597
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.5
150 157.6 0.0 344.4





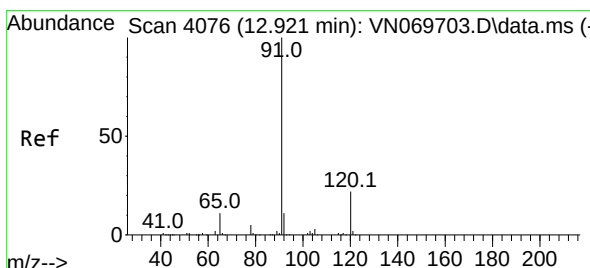
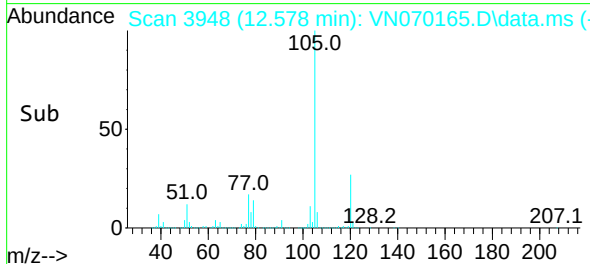
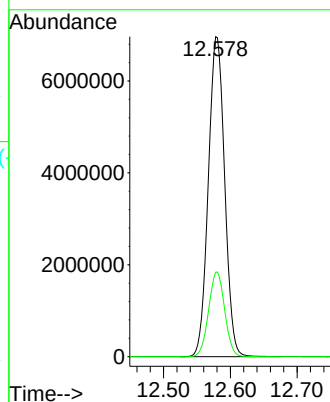
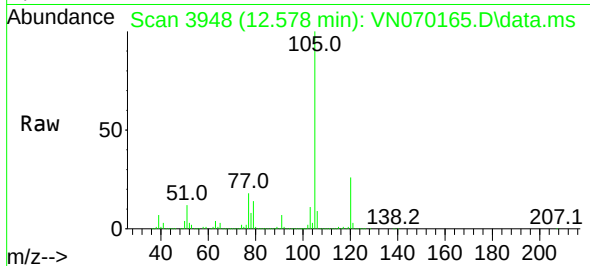
#73
Isopropylbenzene
Concen: 177.205 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:105 Resp:1181835
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

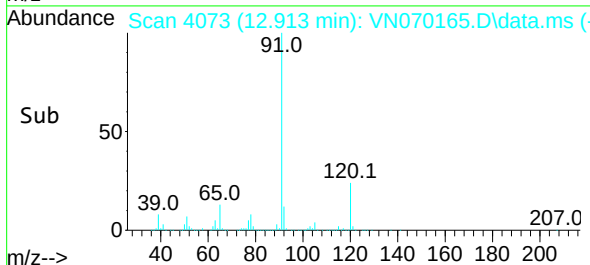
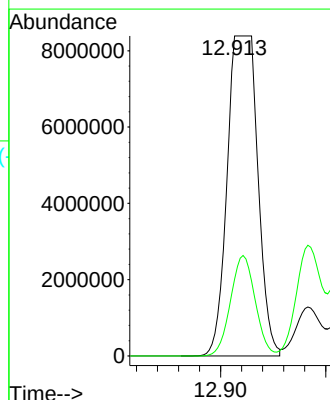
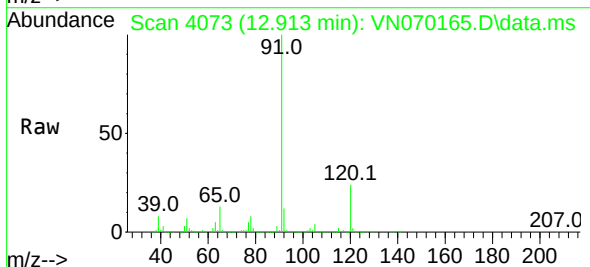
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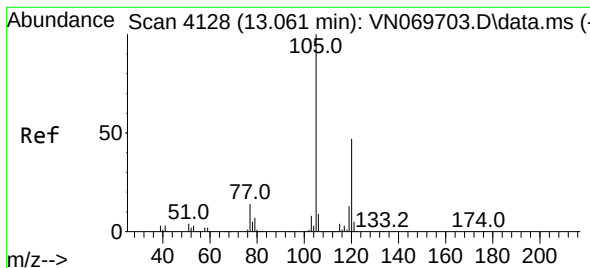
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 228.077 ug/l m
RT: 12.913 min Scan# 4073
Delta R.T. -0.008 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 91 Resp:16926713
Ion Ratio Lower Upper
91 100
120 29.0 11.9 35.9





#80

1,3,5-Trimethylbenzene

Concen: 327.763 ug/l m

RT: 13.053 min Scan# 4128

Delta R.T. -0.008 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :

MW-11

Tgt Ion:105 Resp:1759436

Ion Ratio Lower Upper

105 100

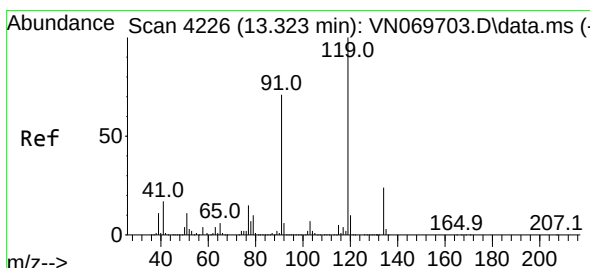
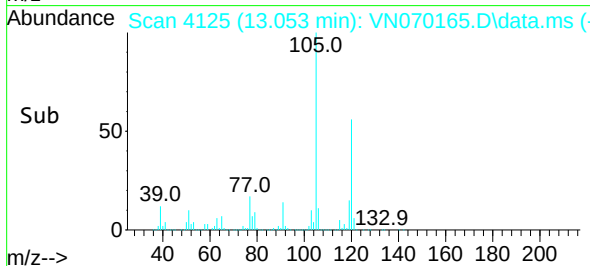
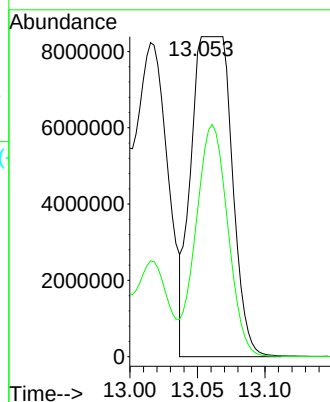
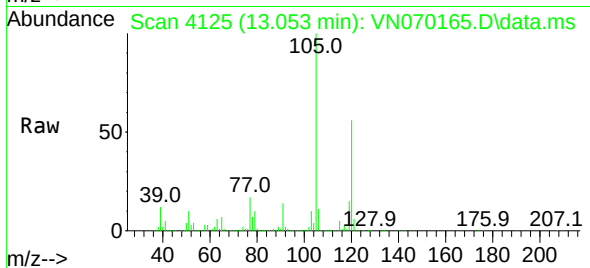
120 20.2 24.6 73.6

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Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#83

tert-Butylbenzene

Concen: 0.661 ug/l m

RT: 13.324 min Scan# 4226

Delta R.T. 0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

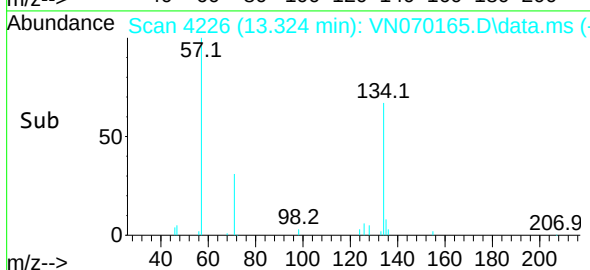
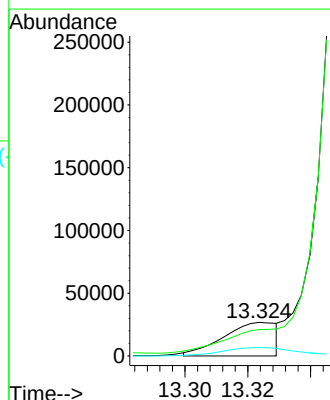
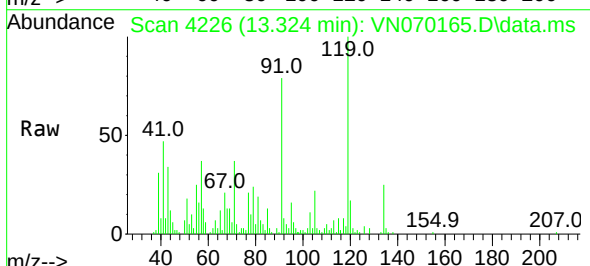
Tgt Ion:119 Resp: 31428

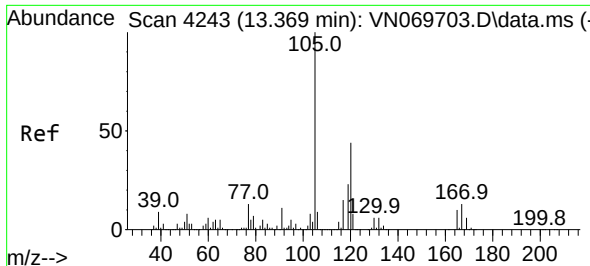
Ion Ratio Lower Upper

119 100

91 17288.6 31.5 94.5#

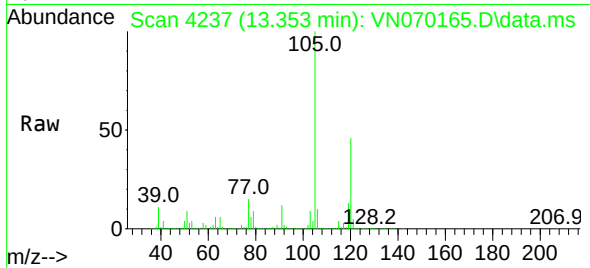
134 0.0 12.4 37.4#





#84
1,2,4-Trimethylbenzene
Concen: 448.582 ug/l m
RT: 13.353 min Scan# 41
Delta R.T. -0.016 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

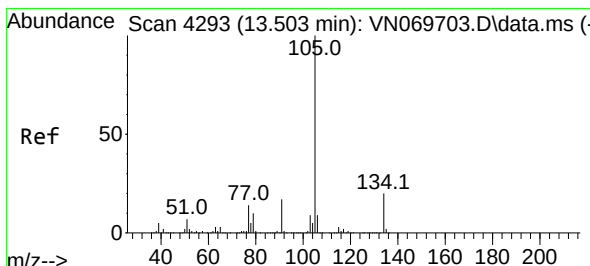
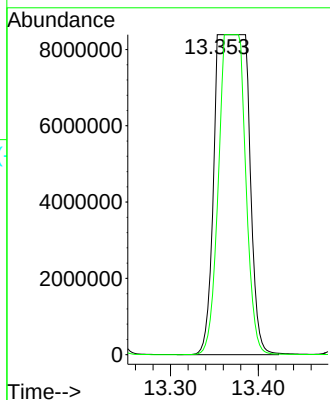
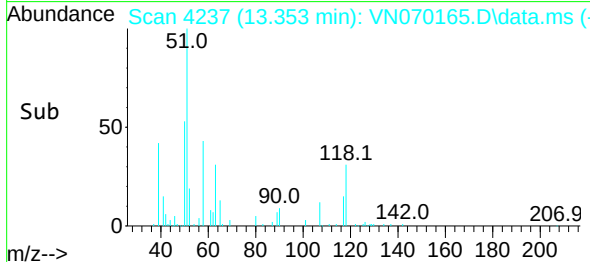
Instrument :
MSVOA_N
ClientSampleId :
MW-11



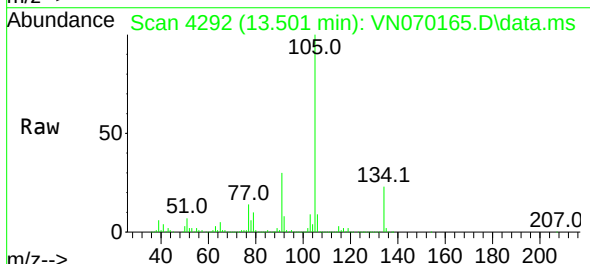
Tgt Ion:105 Resp:22932744
Ion Ratio Lower Upper
105 100
120 11.2 22.8 68.4

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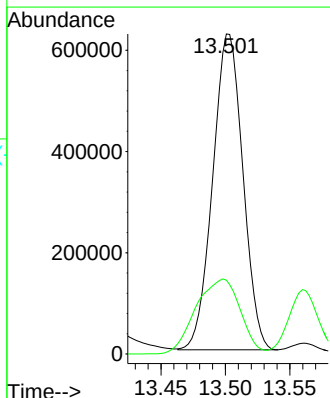
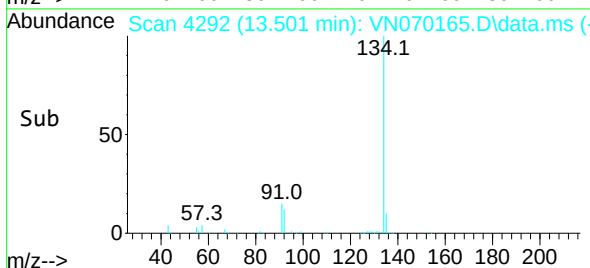
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

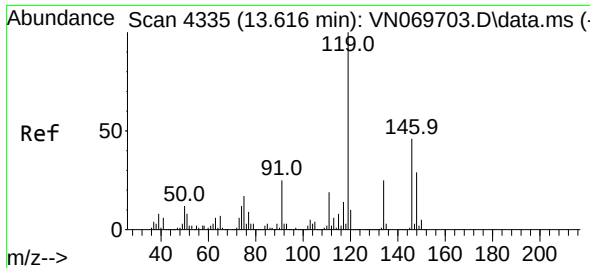


#85
sec-Butylbenzene
Concen: 15.781 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



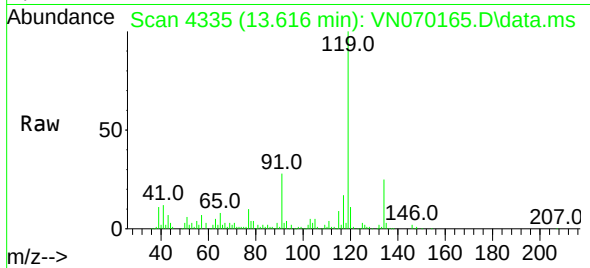
Tgt Ion:105 Resp: 1017458
Ion Ratio Lower Upper
105 100
134 34.9 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 3.974 ug/l m
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

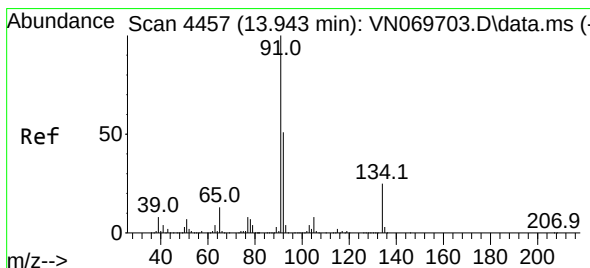
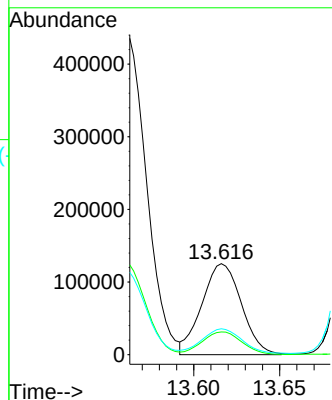
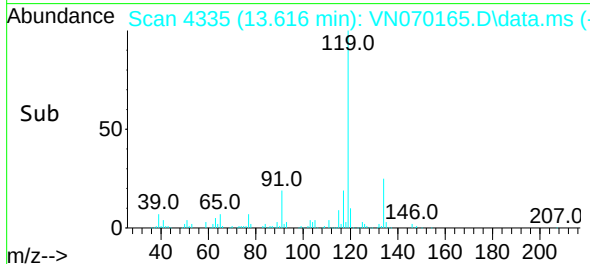
Instrument :
MSVOA_N
ClientSampleId :
MW-11



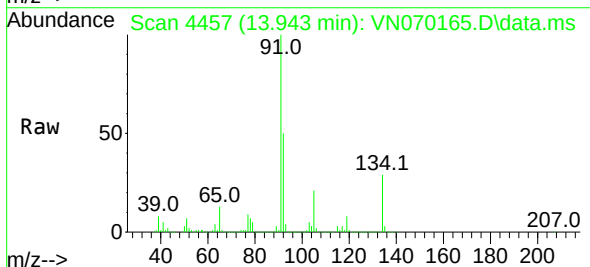
Tgt Ion:119 Resp: 200290
Ion Ratio Lower Upper
119 100
134 100.6 13.6 40.7
91 86.6 11.4 34.1

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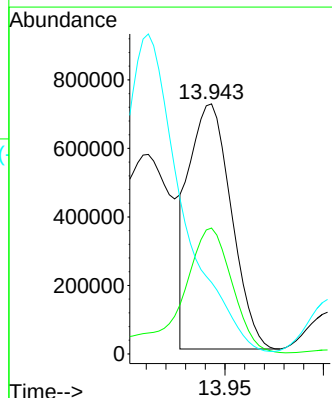
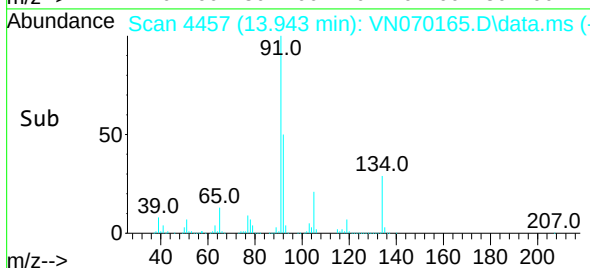
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

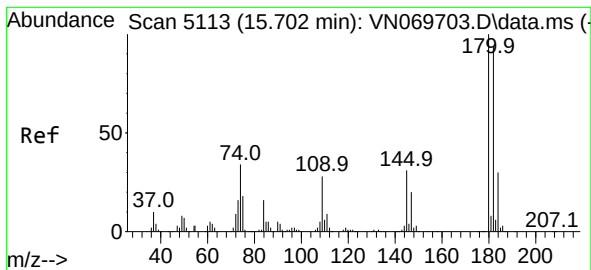


#89
n-Butylbenzene
Concen: 25.922 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



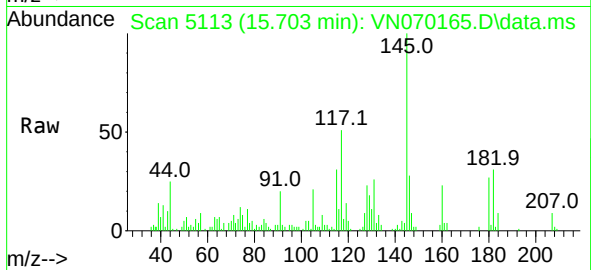
Tgt Ion: 91 Resp: 1059695
Ion Ratio Lower Upper
91 100
92 56.5 25.4 76.0
134 0.0 13.6 40.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.171 ug/l
 RT: 15.703 min Scan# 5113
 Delta R.T. 0.001 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11



Tgt Ion:180 Resp: 9268
 Ion Ratio Lower Upper
 180 100
 182 102.6 47.4 142.2
 145 0.0 15.0 45.1

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 Supervised By :Mahesh Dadoda 12/23/2021

