

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070686.D
 Acq On : 19 Jan 2022 00:04
 Operator : JC/MD
 Sample : N1148-07DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-47DL

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 01/19/2022
 Supervised By : Amit Patel 01/19/2022

Quant Time: Jan 19 03:43:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1148081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1847439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1634748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	634634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	753276	45.781	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.560%		
35) Dibromofluoromethane	8.021	113	529805	46.232	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.460%		
50) Toluene-d8	10.441	98	2299804	47.638	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.728	95	774185	45.003	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.000%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.372	59	31480m	10.605	ug/l	
16) Acetone	4.291	43	31890	2.792	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	89386	1.970	ug/l #	26
31) Cyclohexane	8.088	56	68002	2.347	ug/l #	63
39) Methylcyclohexane	9.459	83	24262	1.019	ug/l #	88
40) Benzene	8.461	78	39551	0.662	ug/l	97
52) Toluene	10.505	92	33814	0.946	ug/l	95
67) Ethyl Benzene	11.843	91	2079761	31.671	ug/l	95
68) m/p-Xylenes	11.953	106	685176	28.682	ug/l	91
69) o-Xylene	12.280	106	153183	6.462	ug/l	91
73) Isopropylbenzene	12.578	105	147654	2.459	ug/l	98
78) n-propylbenzene	12.919	91	313146	4.664	ug/l	95
80) 1,3,5-Trimethylbenzene	13.055	105	130202	2.682	ug/l	99
84) 1,2,4-Trimethylbenzene	13.367	105	466748	10.001	ug/l	97
85) sec-Butylbenzene	13.498	105	21120	0.368	ug/l #	70
95) Naphthalene	15.504	128	234420	11.367	ug/l	99

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

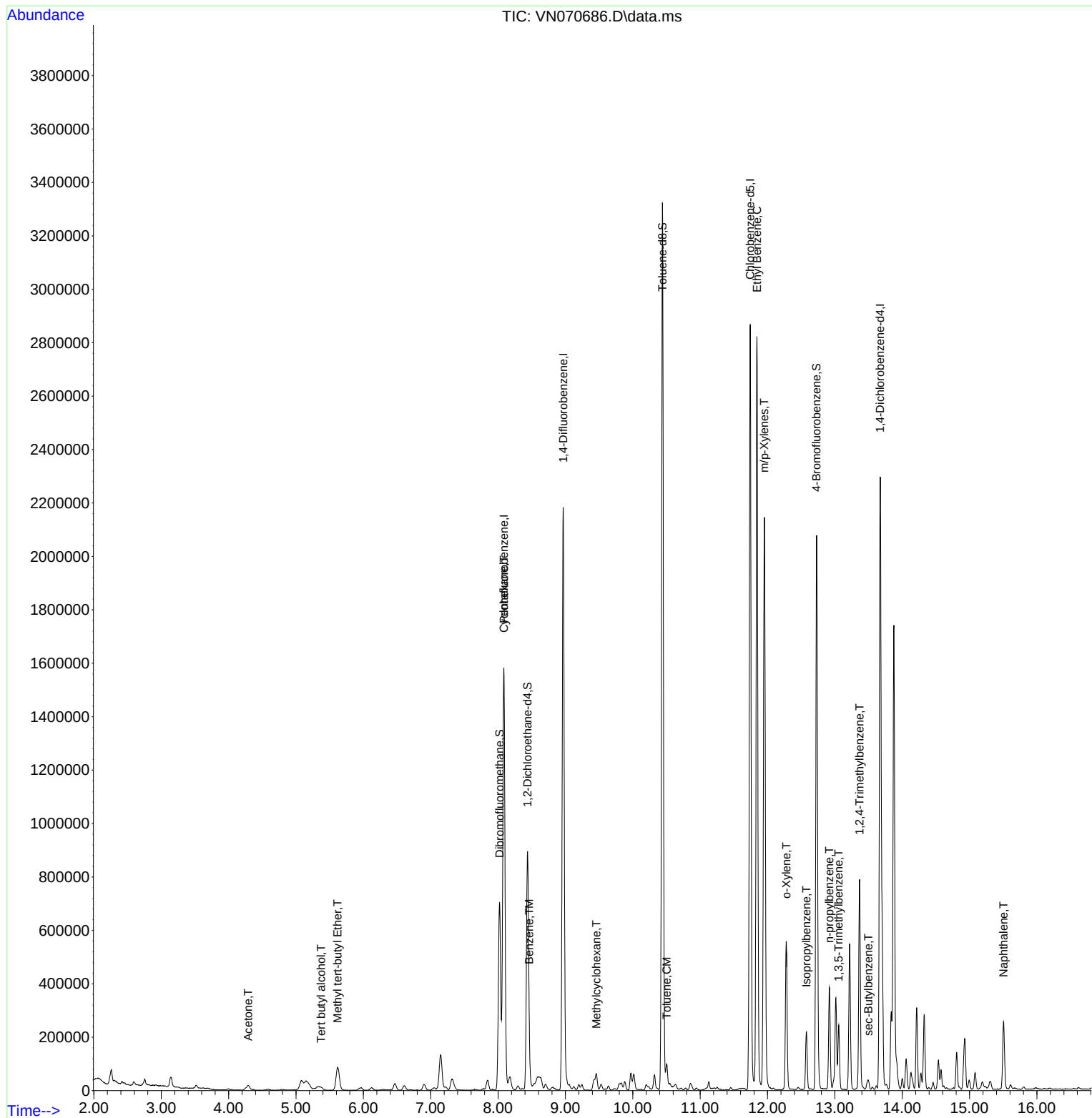
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070686.D
Acq On : 19 Jan 2022 00:04
Operator : JC/MD
Sample : N1148-07DL 20X
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ALS Vial : 28 Sample Multiplier: 1

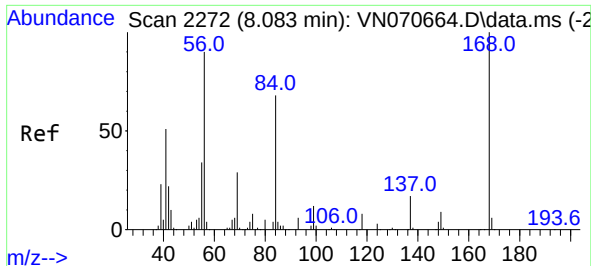
Instrument :
MSVOA_N
ClientSampleId :
MW-47DL

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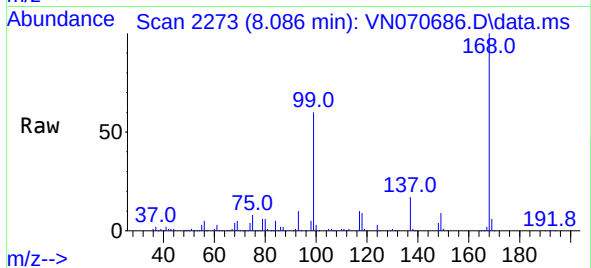
Quant Time: Jan 19 03:43:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

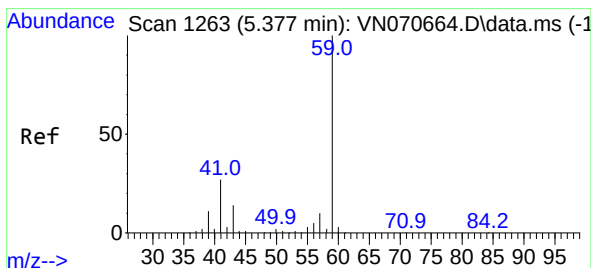
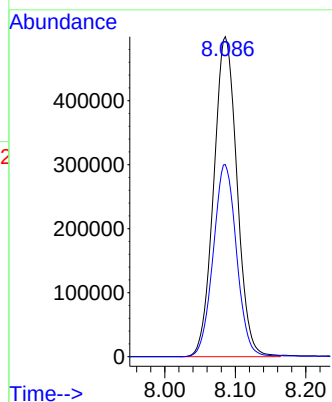
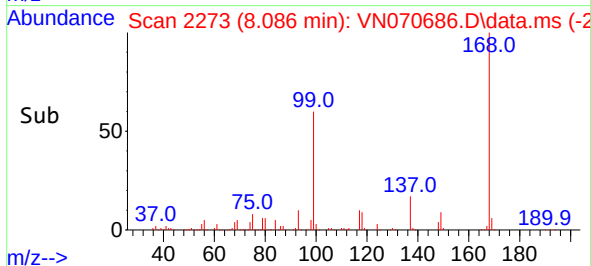
Instrument :
MSVOA_N
ClientSampleId :
MW-47DL



Tgt Ion:168 Resp: 114808
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

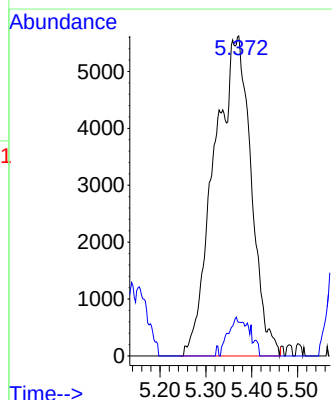
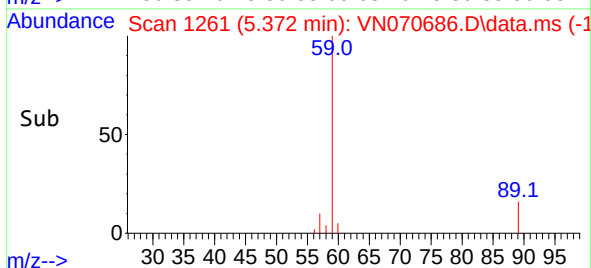
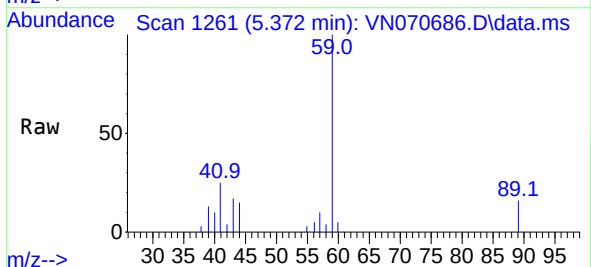
Manual Integrations
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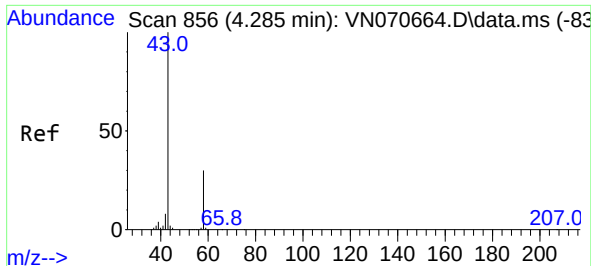
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#11
Tert butyl alcohol
Concen: 10.605 ug/l m
RT: 5.372 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

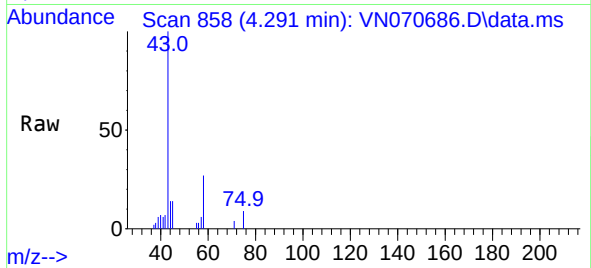
Tgt Ion: 59 Resp: 31480
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1#





#16
Acetone
Concen: 2.792 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

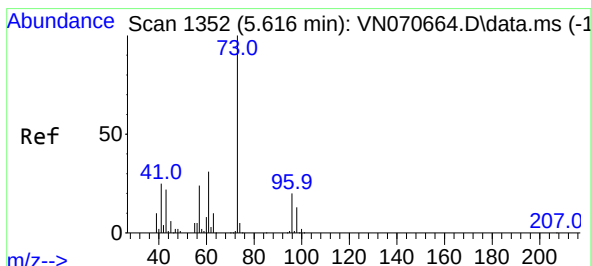
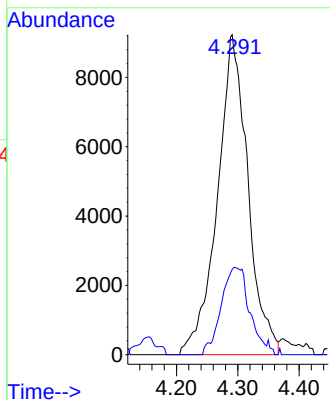
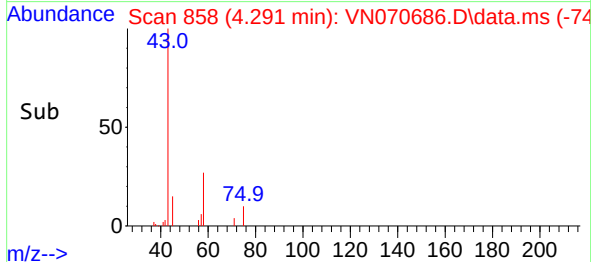
Instrument :
MSVOA_N
Client SampleId :
MW-47DL



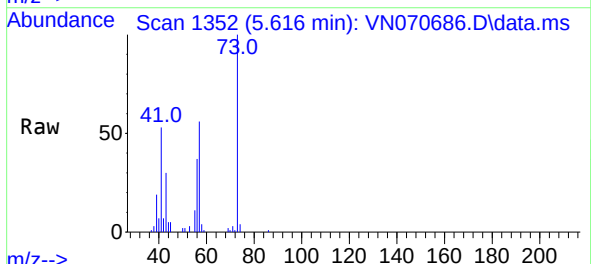
Tgt Ion: 43 Resp: 31890
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

Manual Integrations
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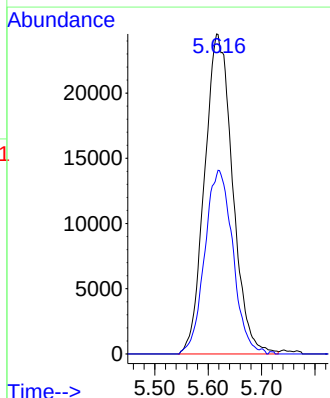
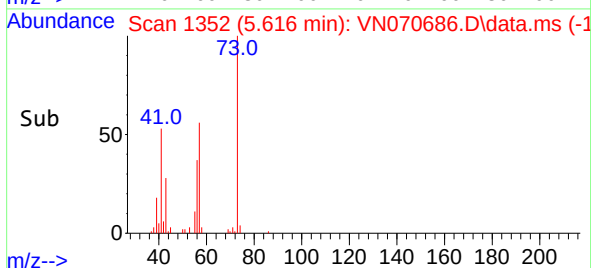
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

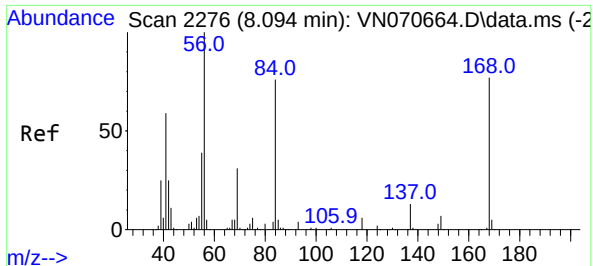


#19
Methyl tert-butyl Ether
Concen: 1.970 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04



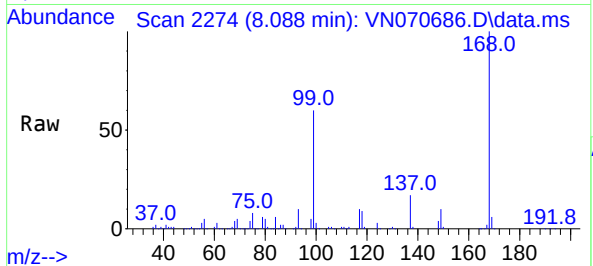
Tgt Ion: 73 Resp: 89386
Ion Ratio Lower Upper
73 100
57 55.8 16.8 25.2#





#31
Cyclohexane
Concen: 2.347 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

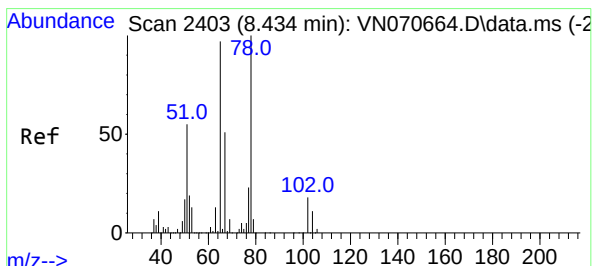
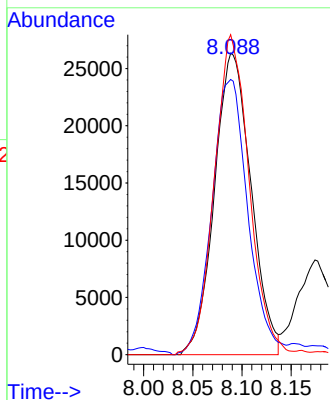
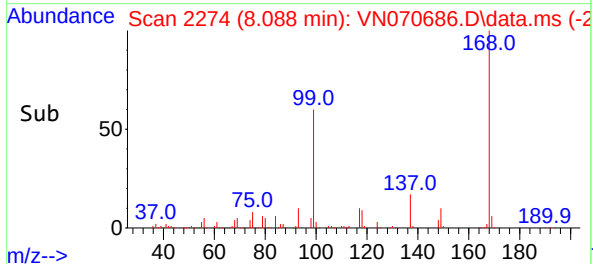
Instrument :
MSVOA_N
ClientSampleId :
MW-47DL



Tgt Ion: 56 Resp: 6800
Ion Ratio Lower Upper
56 100
69 90.7 27.1 40.7
84 105.3 73.4 110.0

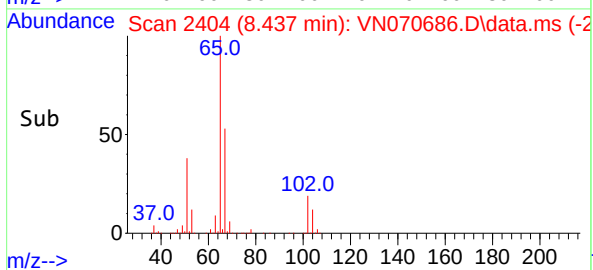
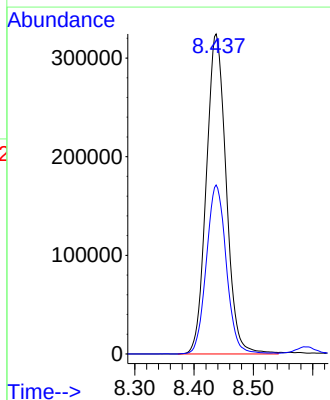
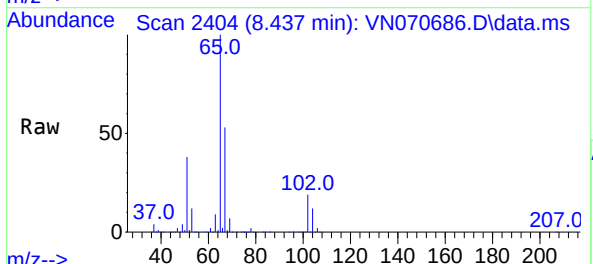
Manual Integrations
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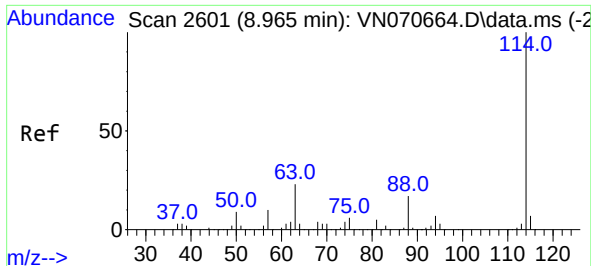
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#33
1,2-Dichloroethane-d4
Concen: 45.781 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

Tgt Ion: 65 Resp: 753276
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070686.D

Acq: 19 Jan 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

MW-47DL

Tgt Ion:114 Resp: 1847439

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

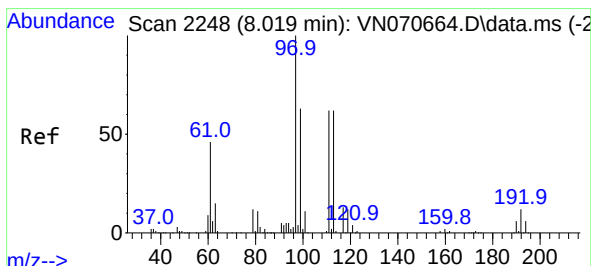
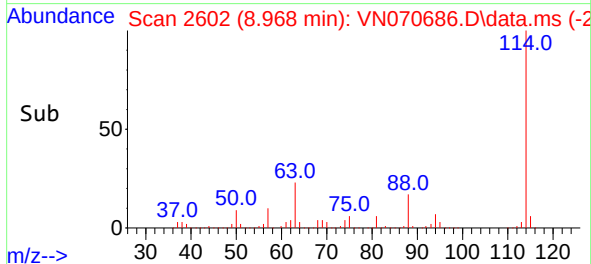
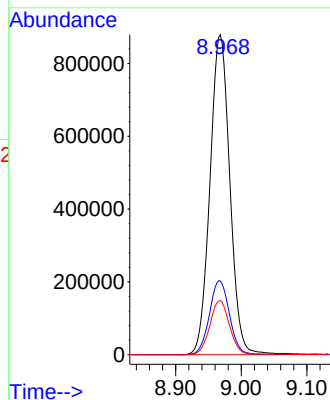
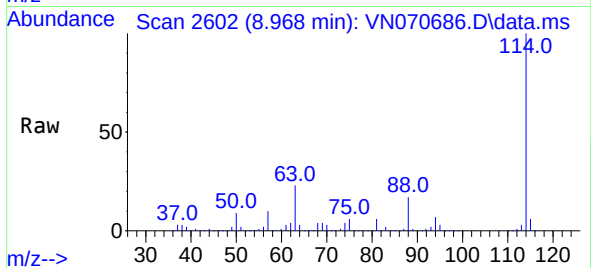
88 16.9 0.0 27.4

Manual Integrations

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Supervised By :Amit Patel 01/19/2022



#35

Dibromofluoromethane

Concen: 46.232 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070686.D

Acq: 19 Jan 2022 00:04

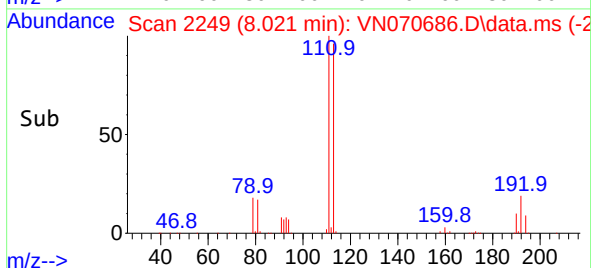
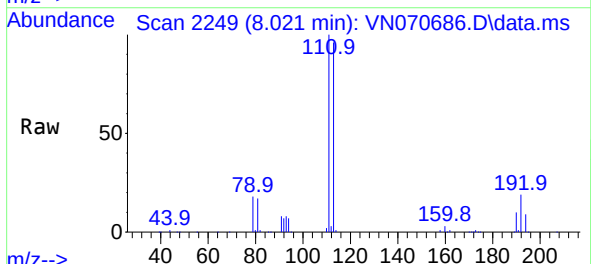
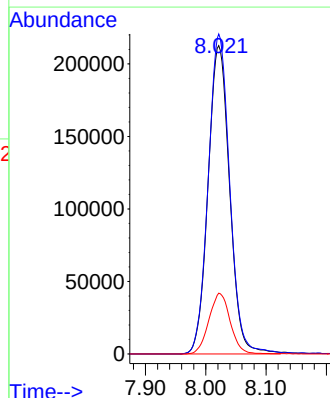
Tgt Ion:113 Resp: 529805

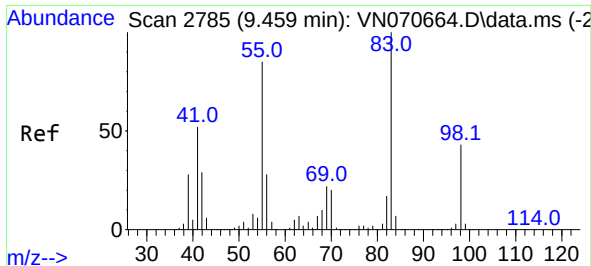
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 1.019 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070686.D

Acq: 19 Jan 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

MW-47DL

Tgt Ion: 83 Resp: 2426

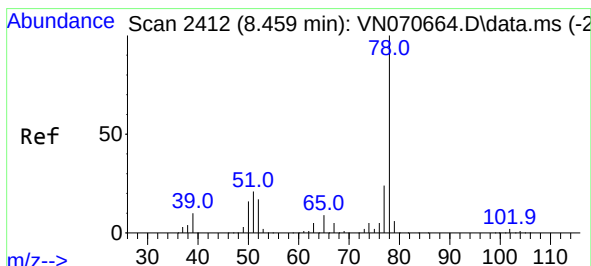
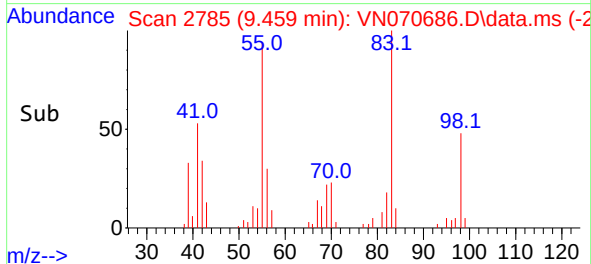
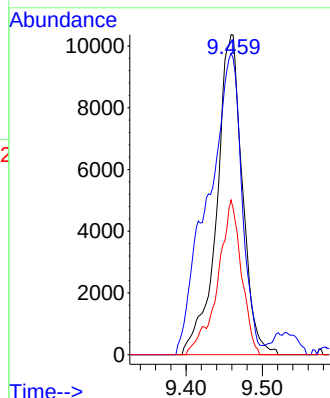
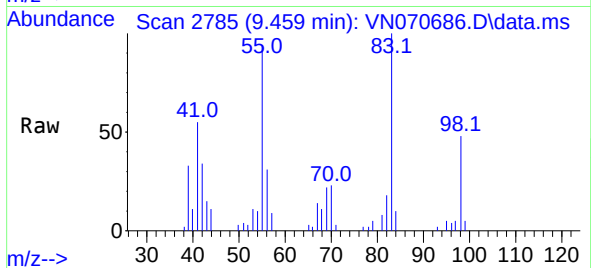
Ion	Ratio	Lower	Upper
83	100		
55	89.5	58.1	87.1
98	48.3	38.4	57.6

Manual Integrations

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Supervised By :Amit Patel 01/19/2022



#40

Benzene

Concen: 0.662 ug/l

RT: 8.461 min Scan# 2413

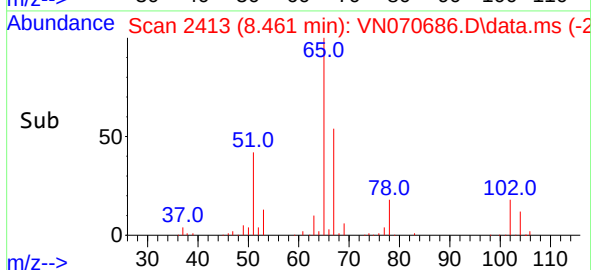
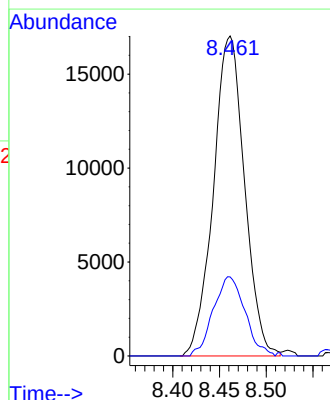
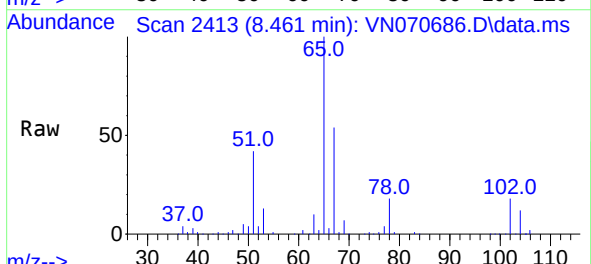
Delta R.T. 0.002 min

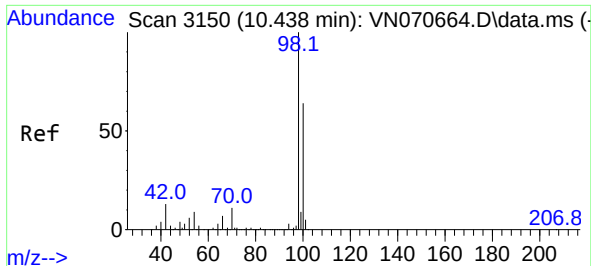
Lab File: VN070686.D

Acq: 19 Jan 2022 00:04

Tgt Ion: 78 Resp: 39551

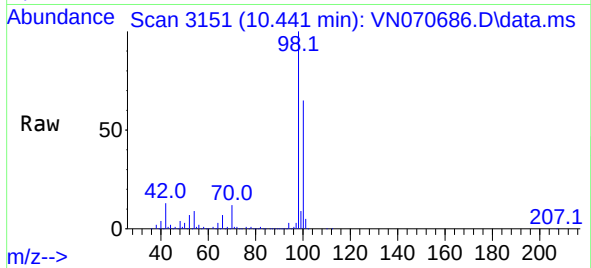
Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.6	27.8





#50
Toluene-d8
Concen: 47.638 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

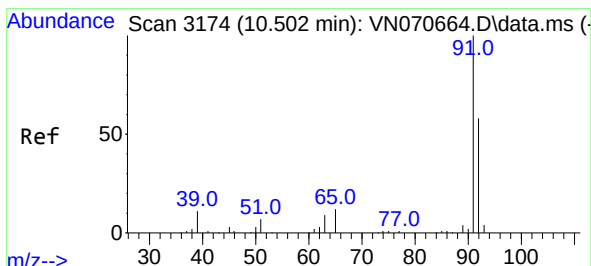
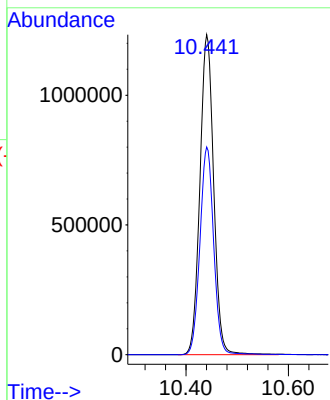
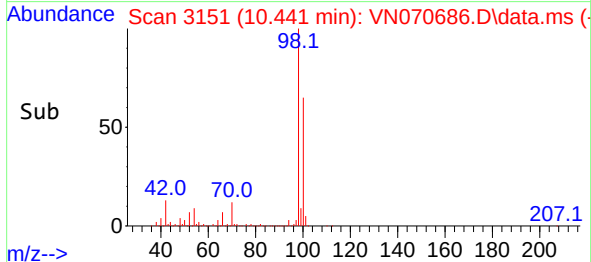
Instrument :
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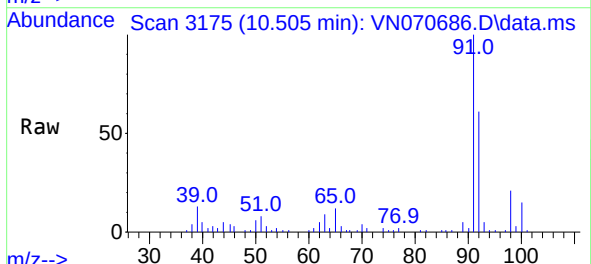
Tgt Ion: 98 Resp: 2299804
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6

Manual Integrations
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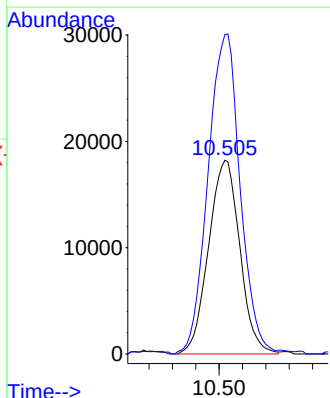
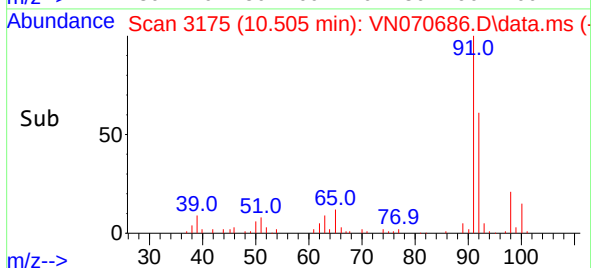
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

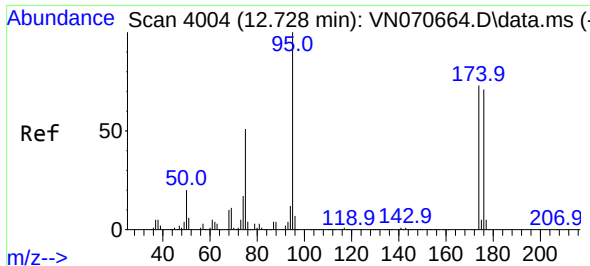


#52
Toluene
Concen: 0.946 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04



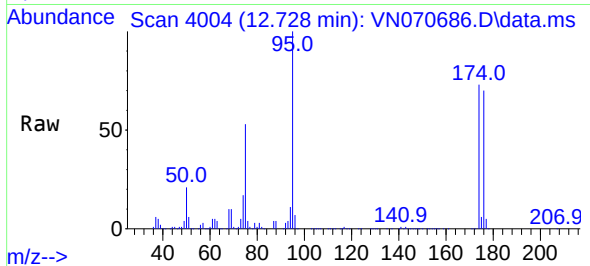
Tgt Ion: 92 Resp: 33814
Ion Ratio Lower Upper
92 100
91 170.4 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 45.003 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

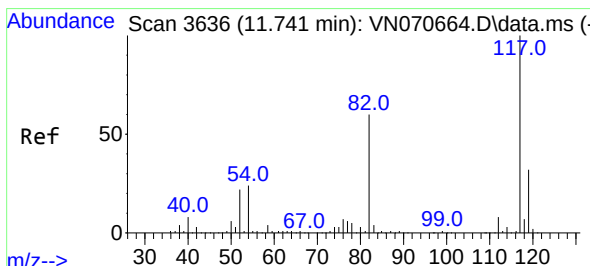
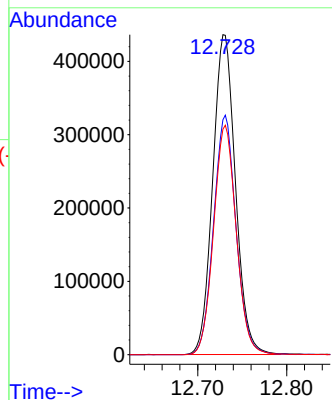
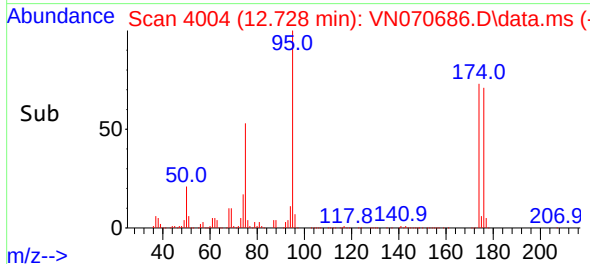
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MW-47DL



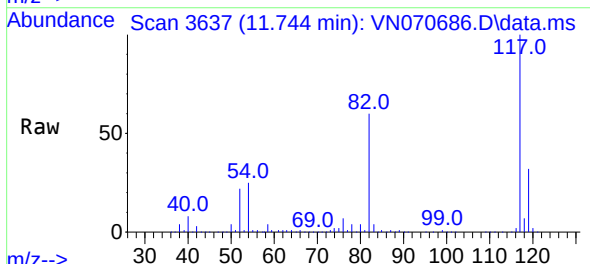
Tgt Ion: 95 Resp: 774185
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.7 0.0 181.4

Manual Integrations
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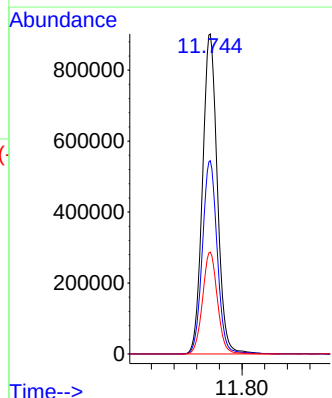
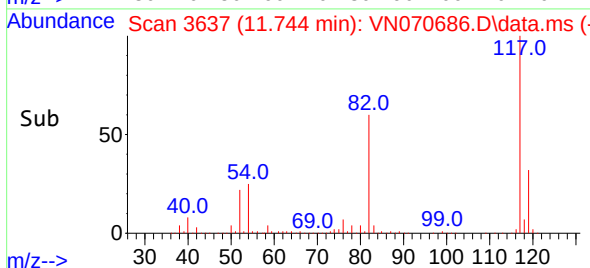
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

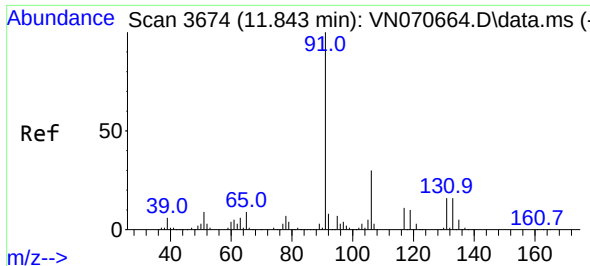


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04



Tgt Ion:117 Resp: 1634748
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.8 25.4 38.2





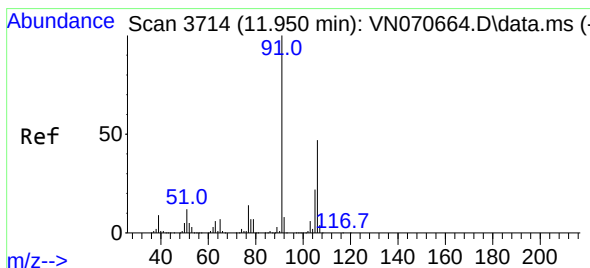
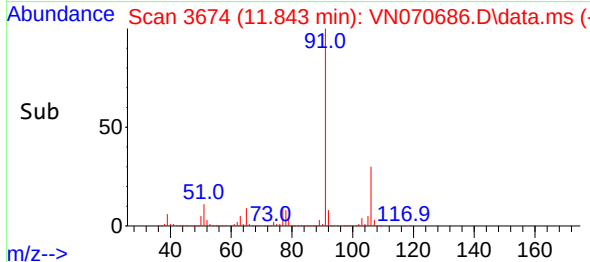
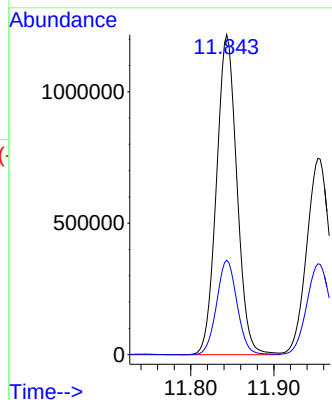
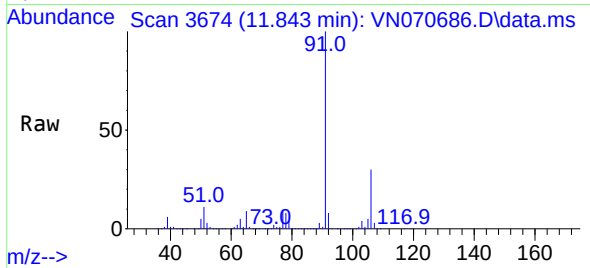
#67
Ethyl Benzene
Concen: 31.671 ug/l
RT: 11.843 min Scan# 307976
Delta R.T. 0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
MW-47DL

Tgt Ion: 91 Resp: 207976
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

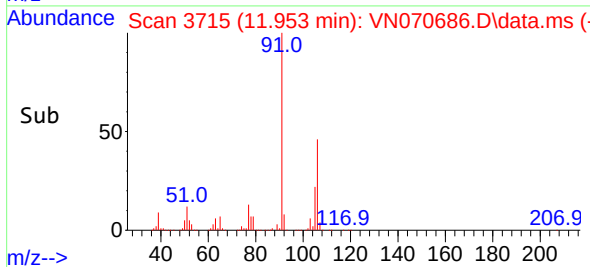
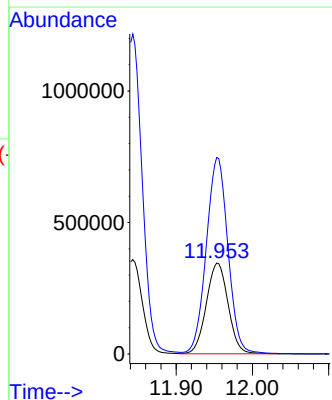
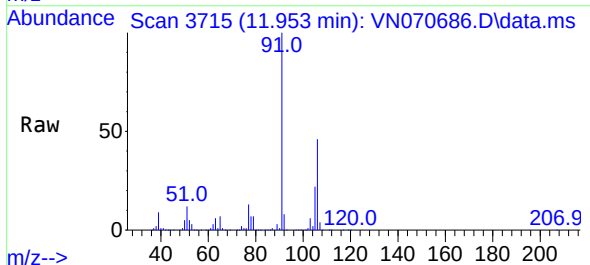
Manual Integrations
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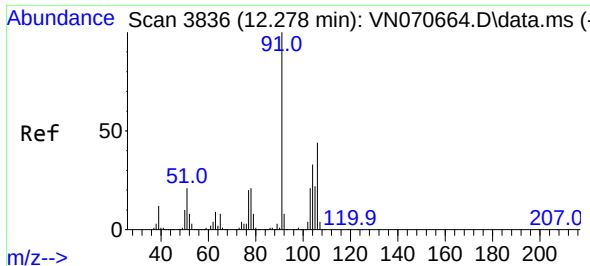
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#68
m/p-Xylenes
Concen: 28.682 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

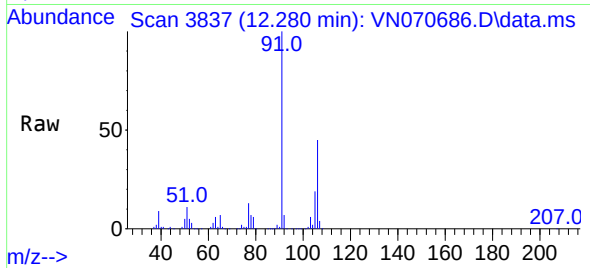
Tgt Ion:106 Resp: 685176
Ion Ratio Lower Upper
106 100
91 215.0 160.6 240.8





#69
o-Xylene
Concen: 6.462 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

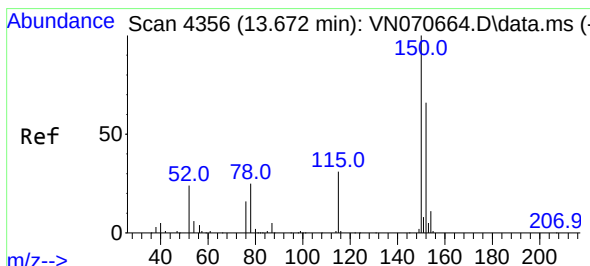
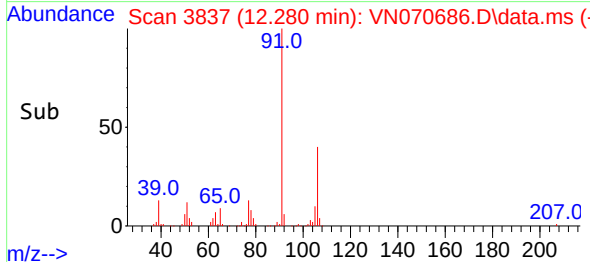
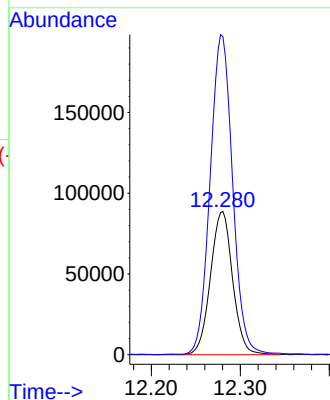
Instrument :
MSVOA_N
ClientSampleId :
MW-47DL



Tgt Ion:106 Resp: 15318
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

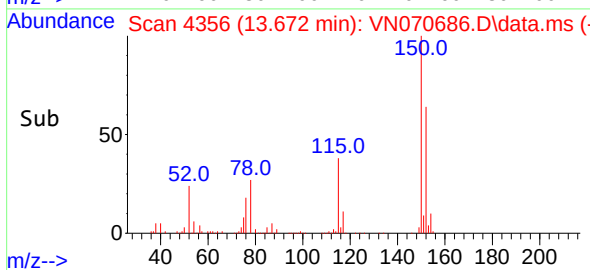
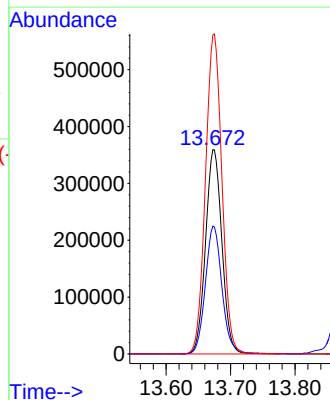
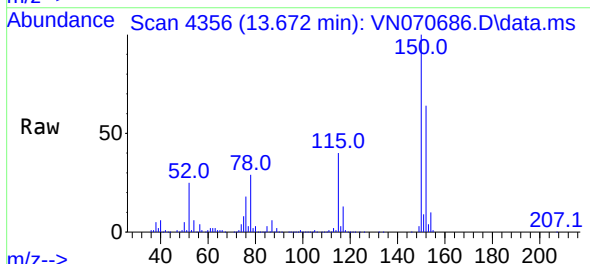
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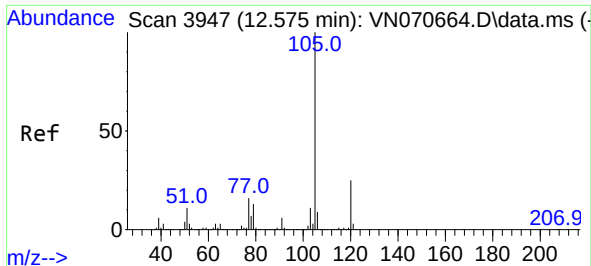
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

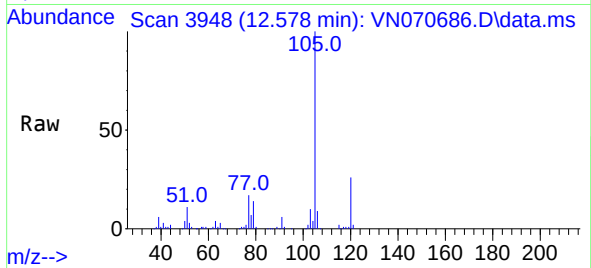
Tgt Ion:152 Resp: 634634
Ion Ratio Lower Upper
152 100
115 63.5 27.5 82.5
150 157.1 0.0 344.4





#73
Isopropylbenzene
Concen: 2.459 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

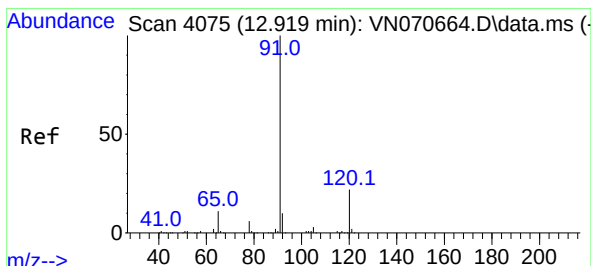
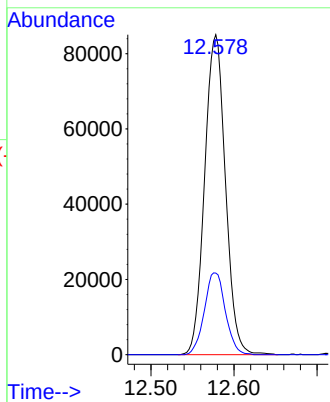
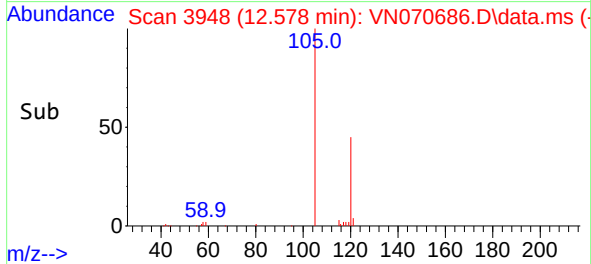
Instrument :
MSVOA_N
ClientSampleId :
MW-47DL



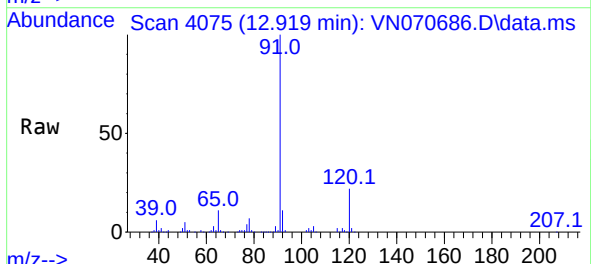
Tgt Ion:105 Resp: 147654
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

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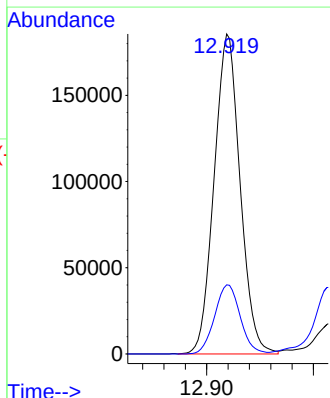
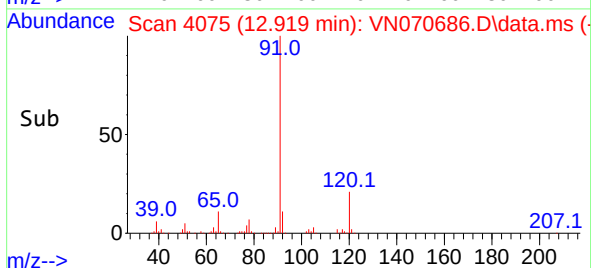
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022

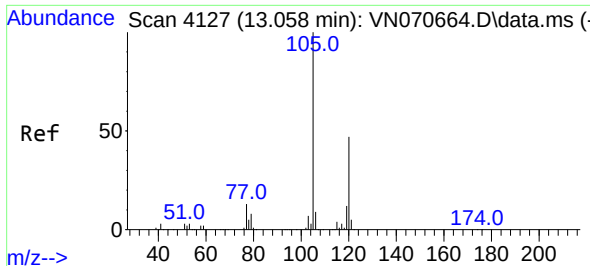


#78
n-propylbenzene
Concen: 4.664 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04



Tgt Ion: 91 Resp: 313146
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9





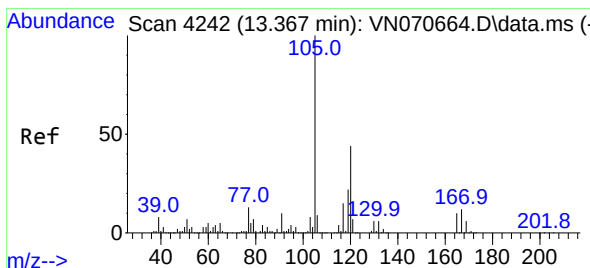
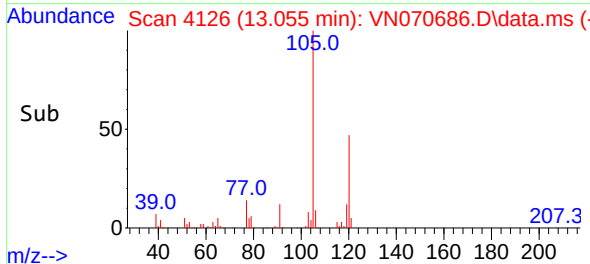
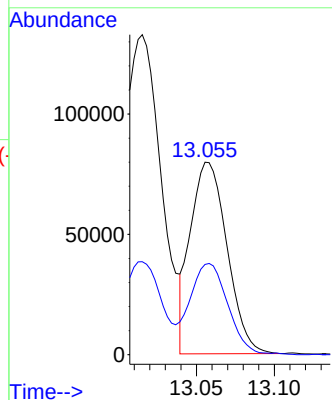
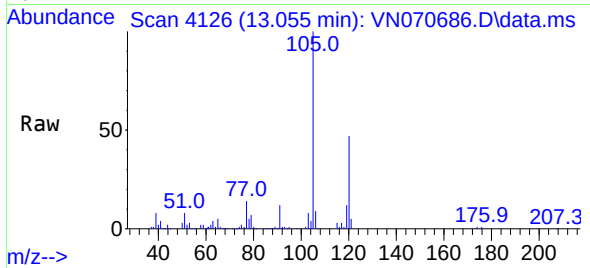
#80
1,3,5-Trimethylbenzene
Concen: 2.682 ug/l
RT: 13.055 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
MW-47DL

Tgt Ion:105 Resp: 13020
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6

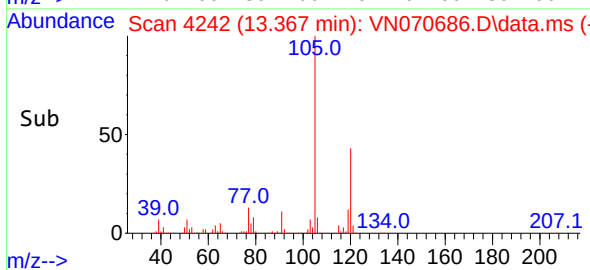
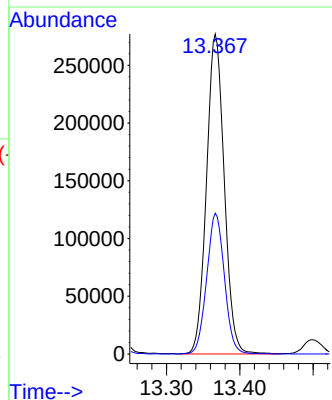
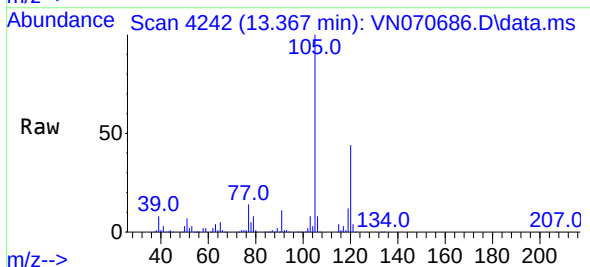
Manual Integrations
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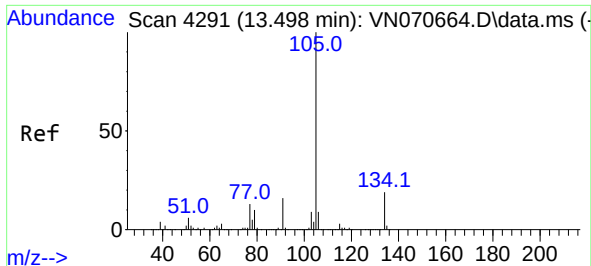
Reviewed By :Mahesh Dadoda 01/19/2022
Supervised By :Amit Patel 01/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.001 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070686.D
Acq: 19 Jan 2022 00:04

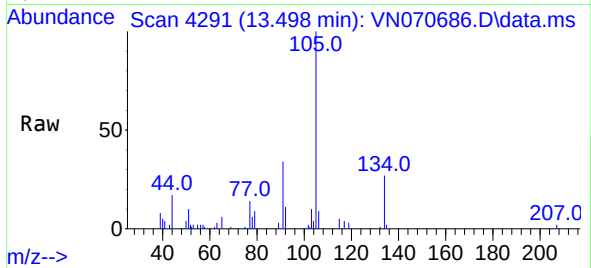
Tgt Ion:105 Resp: 466748
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 0.368 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070686.D
 Acq: 19 Jan 2022 00:04

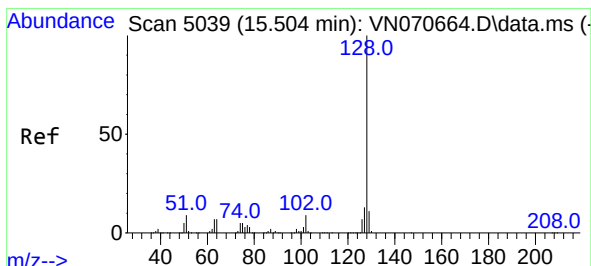
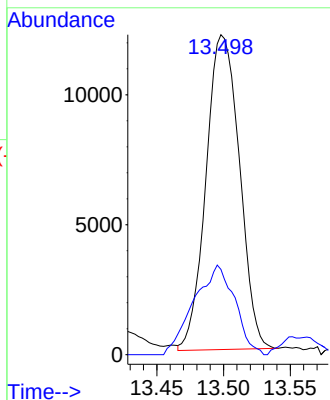
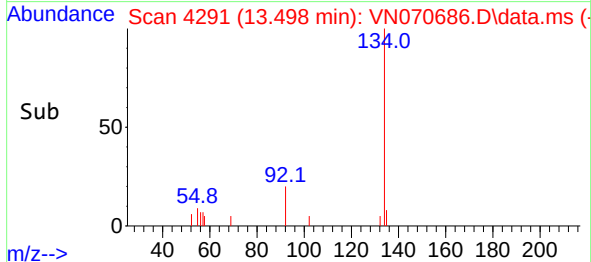
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-47DL



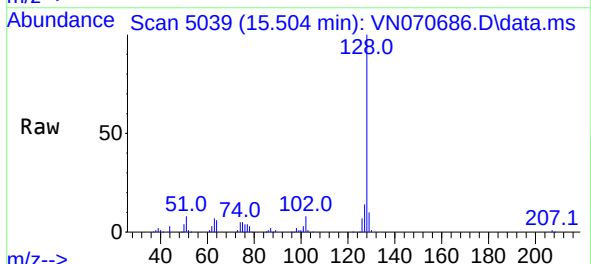
Tgt Ion:105 Resp: 21120
 Ion Ratio Lower Upper
 105 100
 134 34.7 10.4 31.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Amit Patel 01/19/2022



#95
 Naphthalene
 Concen: 11.367 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. 0.000 min
 Lab File: VN070686.D
 Acq: 19 Jan 2022 00:04



Tgt Ion:128 Resp: 234420
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 10.8 8.7 13.1

