

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070657.D
 Acq On : 17 Jan 2022 20:18
 Operator : JC/MD
 Sample : N1148-04RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 18 03:21:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	735542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1226768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1141956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	493414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	617760	58.413	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.820%			
35) Dibromofluoromethane	8.021	113	438591	59.089	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 118.180%			
50) Toluene-d8	10.440	98	1896589	62.548	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 125.100%			
62) 4-Bromofluorobenzene	12.731	95	783597	71.551	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 143.100%#			
Target Compounds					Qvalue	
3) Chloromethane	2.309	50	4564	0.402	ug/l	96
11) Tert butyl alcohol	5.374	59	468421	266.011	ug/l #	71
19) Methyl tert-butyl Ether	5.621	73	2963159	106.512	ug/l #	1
22) Diisopropyl ether	6.503	45	52249	1.579	ug/l #	85
31) Cyclohexane	8.094	56	727682	43.603	ug/l	85
39) Methylcyclohexane	9.459	83	980684	65.971	ug/l #	87
40) Benzene	8.461	78	1716557	45.599	ug/l	99
52) Toluene	10.505	92	219503	9.633	ug/l	98
67) Ethyl Benzene	11.843	91	4734248	106.640	ug/l	96
68) m/p-Xylenes	11.950	106	4220113	261.148	ug/l	93
69) o-Xylene	12.280	106	1495773	93.058	ug/l	91
73) Isopropylbenzene	12.578	105	1486489	32.441	ug/l	98
78) n-propylbenzene	12.918	91	4883567	96.193	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	6151493	167.531	ug/l	98
84) 1,2,4-Trimethylbenzene	13.361	105	16363900m	462.814	ug/l	
85) sec-Butylbenzene	13.500	105	721664	16.440	ug/l #	65
86) p-Isopropyltoluene	13.616	119	270653	7.849	ug/l	97
95) Naphthalene	15.507	128	1927371	84.448	ug/l	100

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

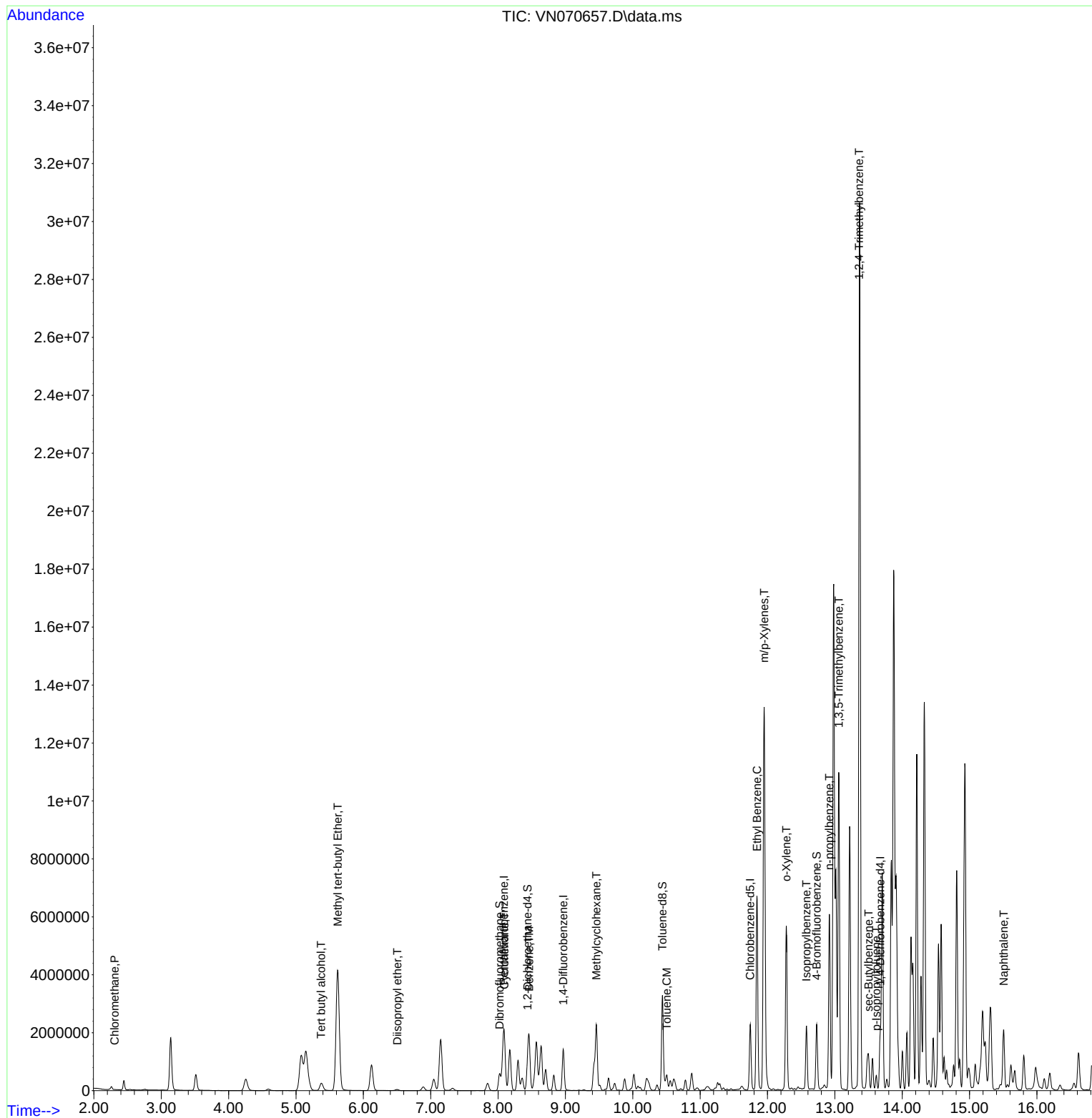
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
Data File : VN070657.D
Acq On : 17 Jan 2022 20:18
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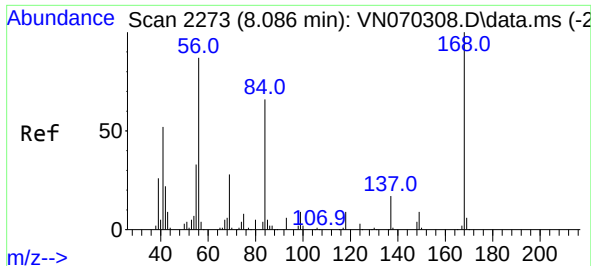
Instrument :
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Supervised By : Mahesh Dadoda 01/18/2022

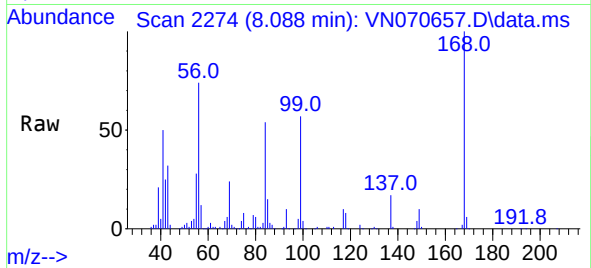
Quant Time: Jan 18 03:21:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

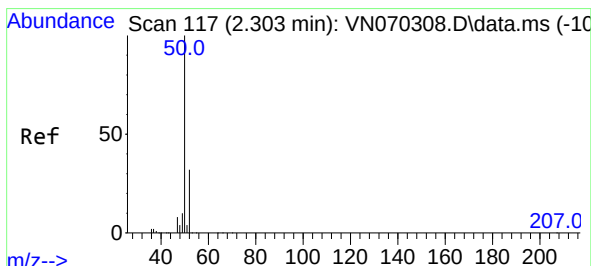
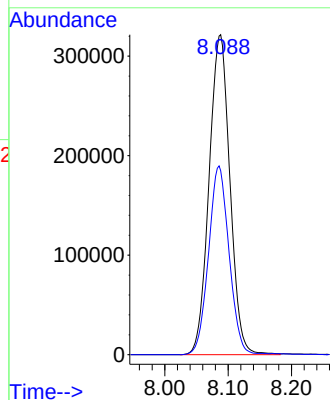
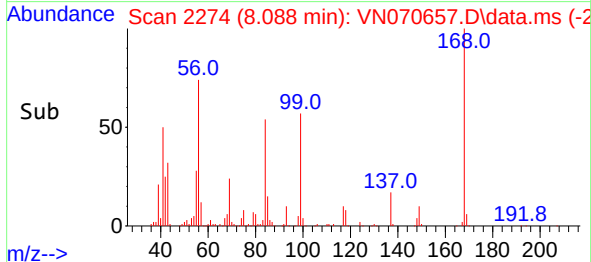
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



Tgt Ion:168 Resp: 73554
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9

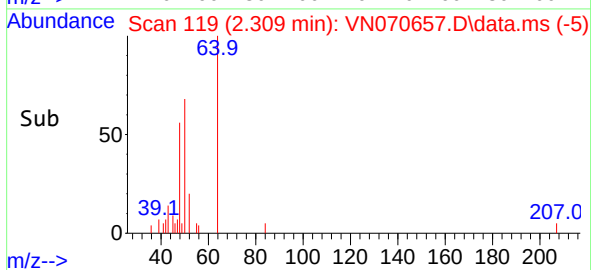
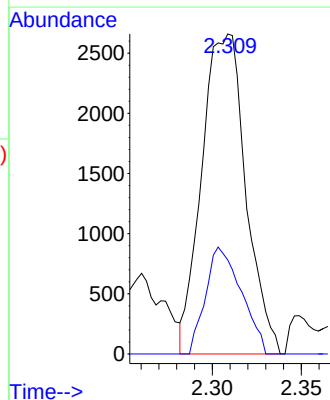
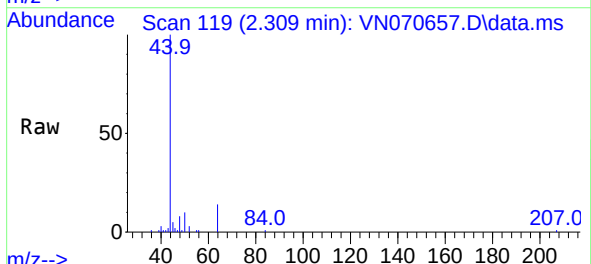
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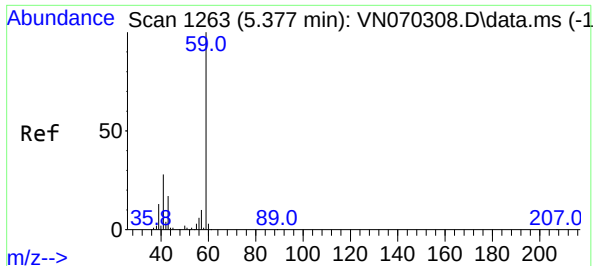
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#3
Chloromethane
Concen: 0.402 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

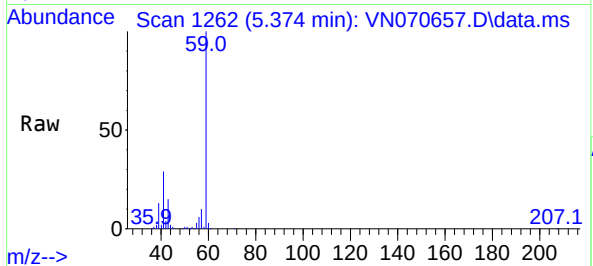
Tgt Ion: 50 Resp: 4564
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.0





#11
Tert butyl alcohol
Concen: 266.011 ug/l
RT: 5.374 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

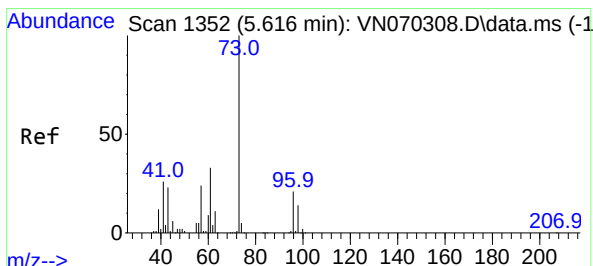
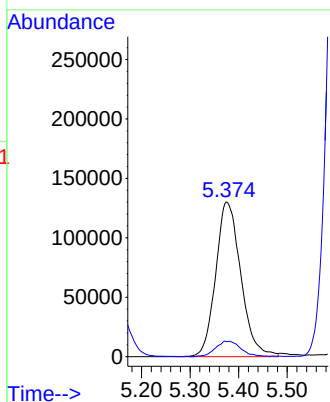
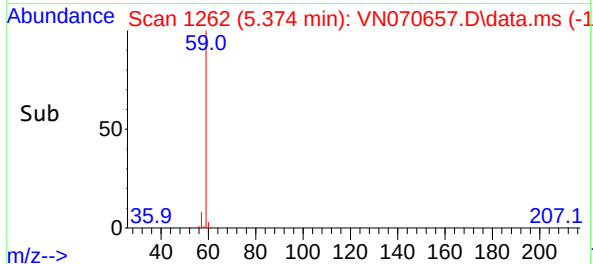
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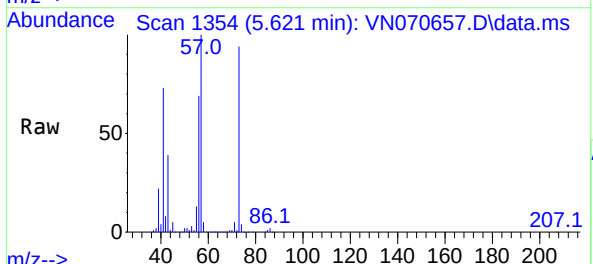
Tgt Ion: 59 Resp: 46842
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

Manual Integrations
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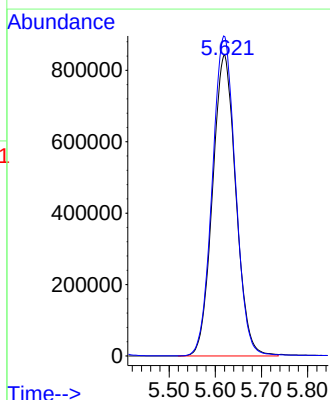
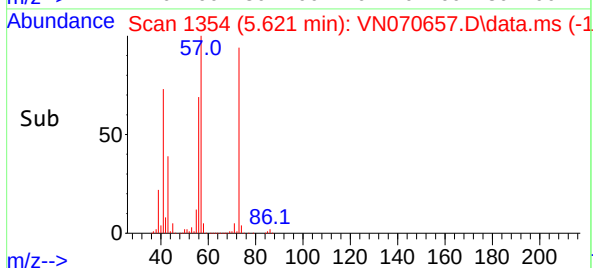
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

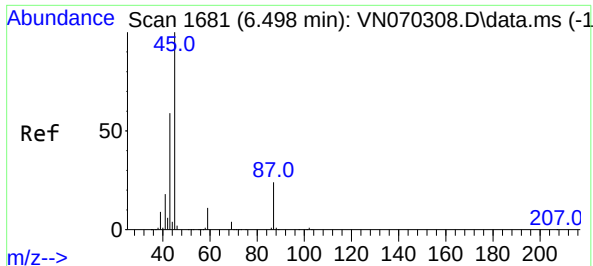


#19
Methyl tert-butyl Ether
Concen: 106.512 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.005 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



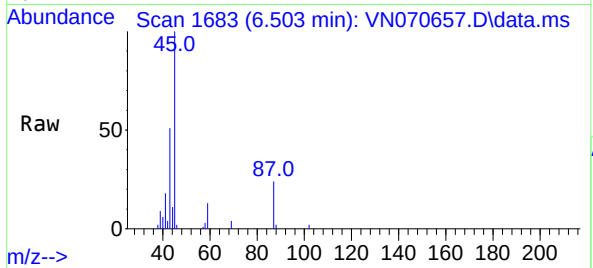
Tgt Ion: 73 Resp: 2963159
Ion Ratio Lower Upper
73 100
57 106.1 16.8 25.2





#22
Diisopropyl ether
Concen: 1.579 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

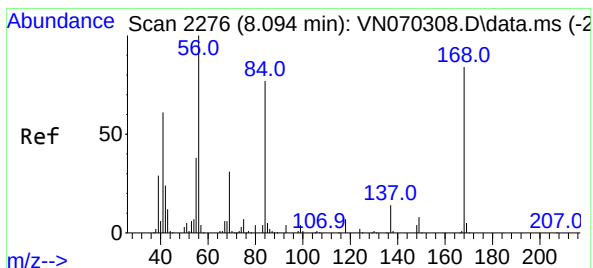
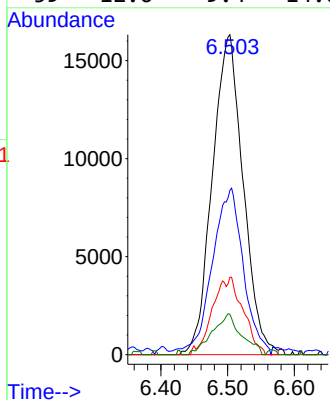
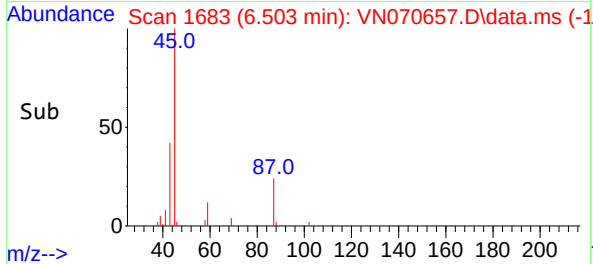
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



Tgt Ion: 45 Resp: 52249
Ion Ratio Lower Upper
45 100
43 49.5 51.7 77.5
87 24.2 23.2 34.8
59 12.6 9.4 14.0

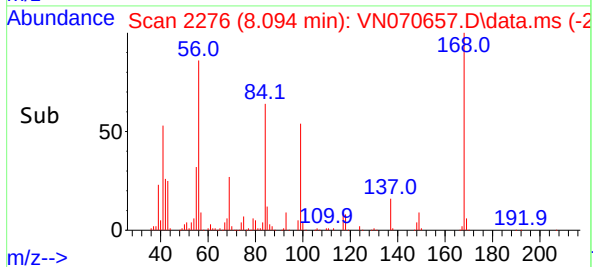
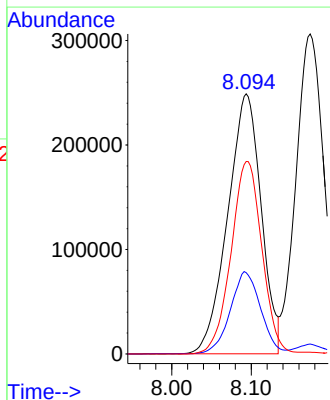
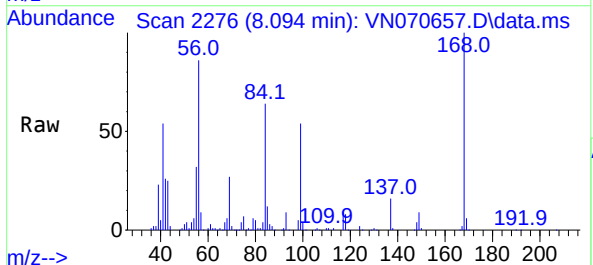
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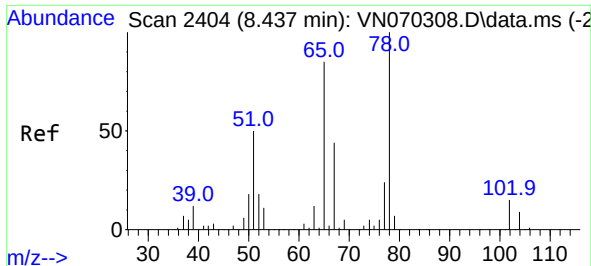
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#31
Cyclohexane
Concen: 43.603 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion: 56 Resp: 727682
Ion Ratio Lower Upper
56 100
69 31.1 27.1 40.7
84 74.0 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 58.413 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

Instrument :

MSVOA_N

ClientSampleId :

MW-33RE

Tgt Ion: 65 Resp: 617760

Ion Ratio Lower Upper

65 100

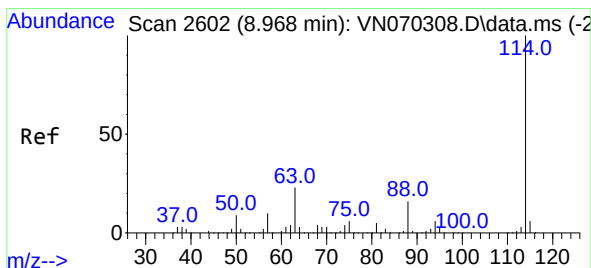
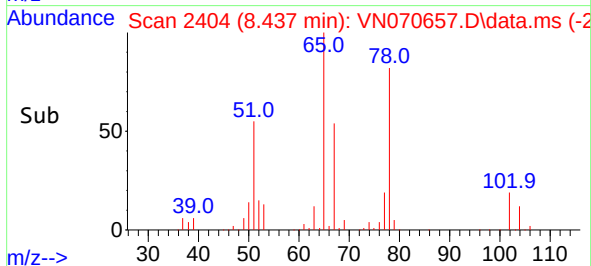
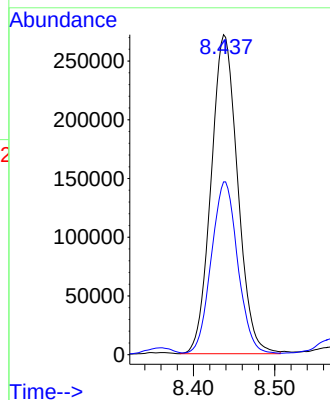
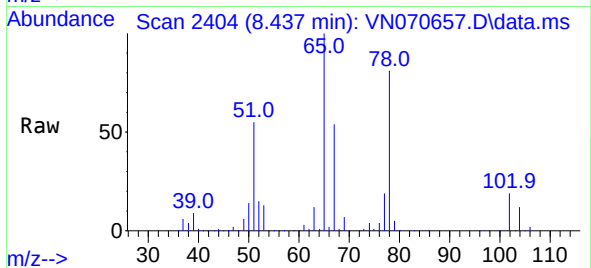
67 53.3 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070657.D

Acq: 17 Jan 2022 20:18

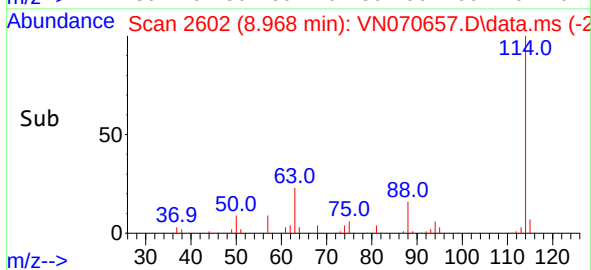
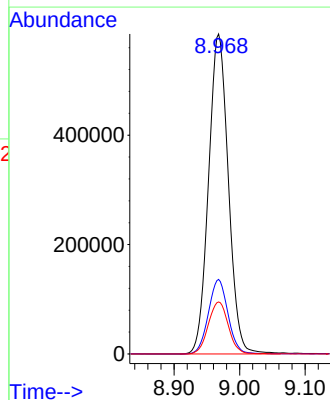
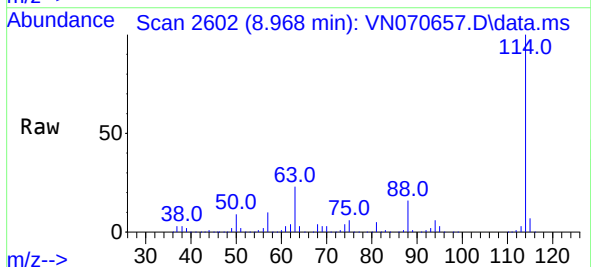
Tgt Ion:114 Resp: 1226768

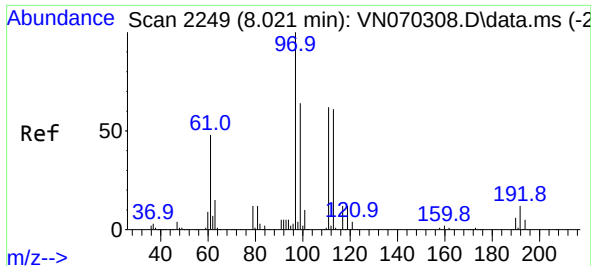
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

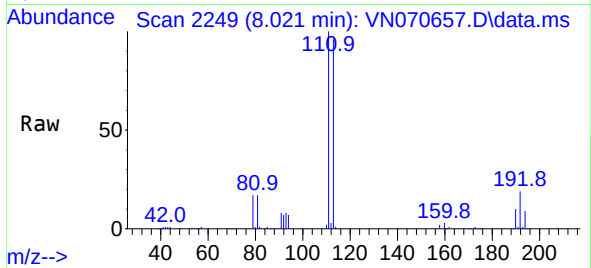
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 59.089 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

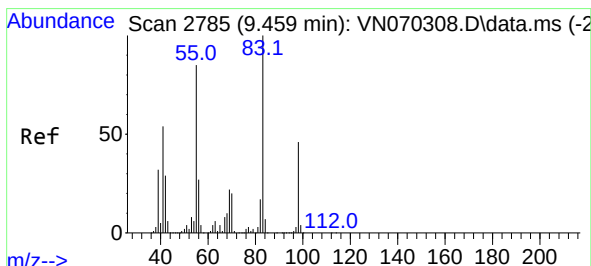
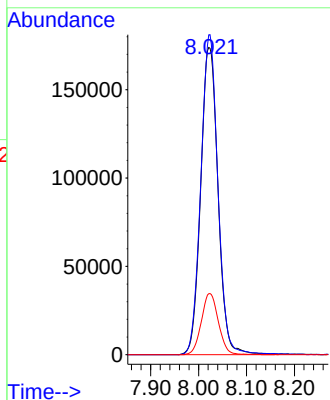
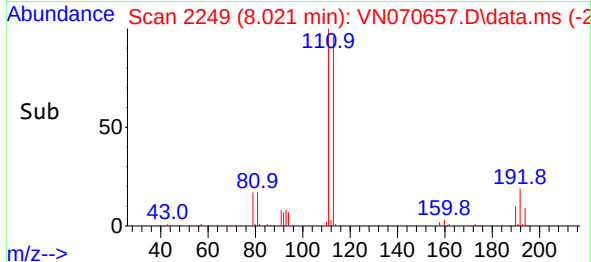
Instrument :
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ClientSampleId :
MW-33RE



Tgt Ion:113 Resp: 43859
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.9 25.3

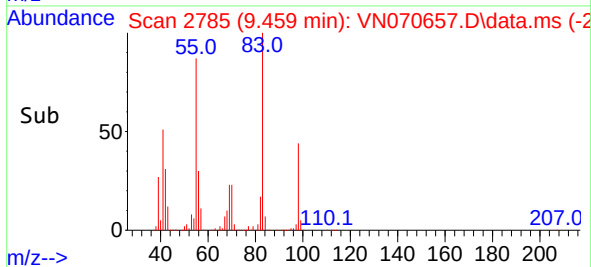
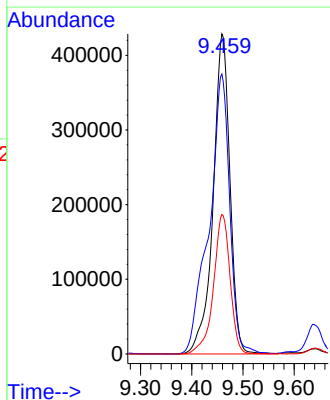
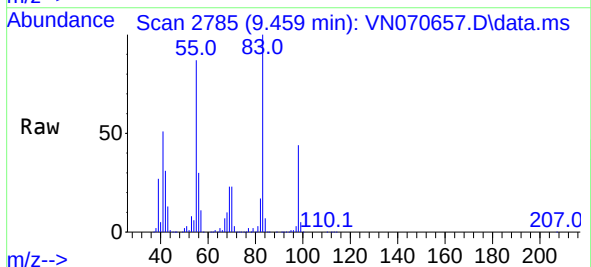
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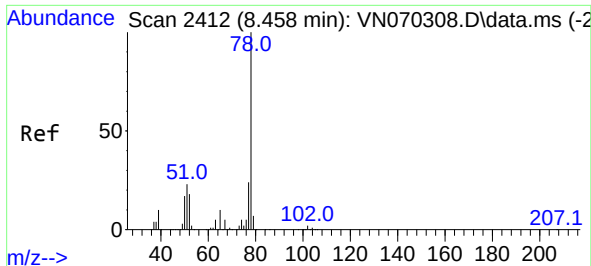
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#39
Methylcyclohexane
Concen: 65.971 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

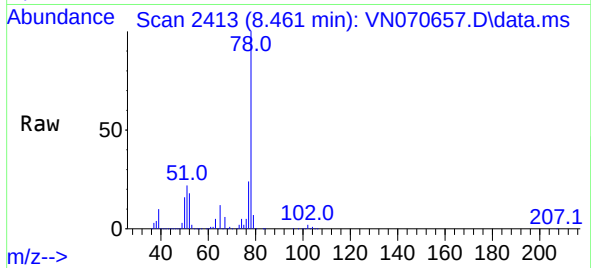
Tgt Ion: 83 Resp: 980684
Ion Ratio Lower Upper
83 100
55 87.4 58.1 87.1#
98 43.6 38.4 57.6





#40
Benzene
Concen: 45.599 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

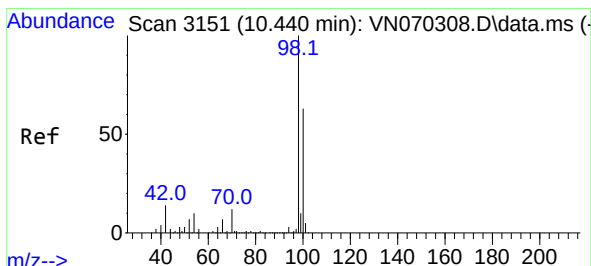
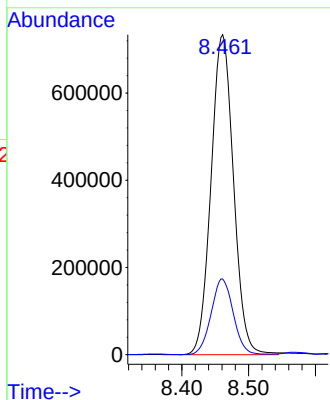
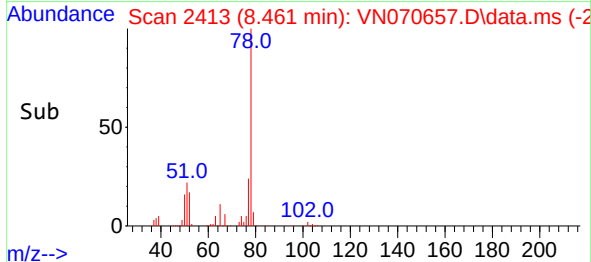
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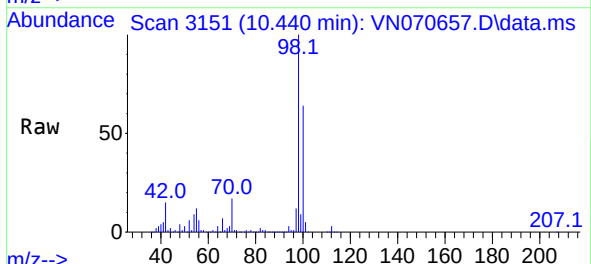
Tgt Ion: 78 Resp: 171655
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

Manual Integrations
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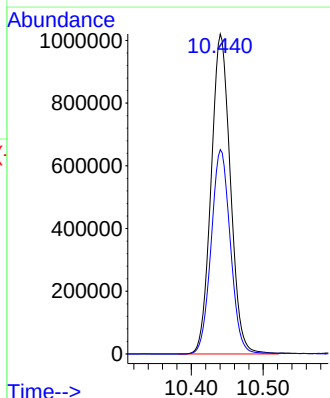
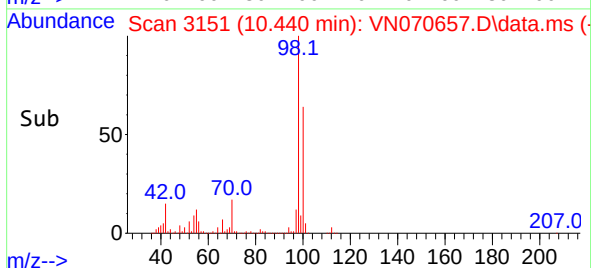
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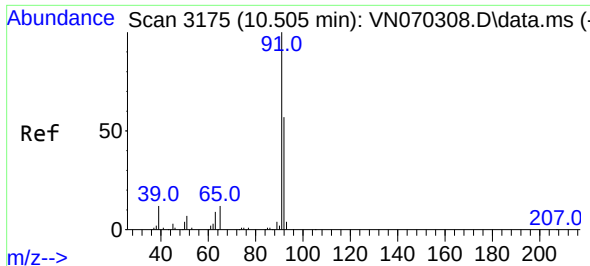


#50
Toluene-d8
Concen: 62.548 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



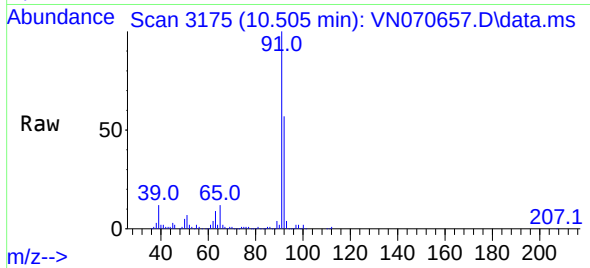
Tgt Ion: 98 Resp: 1896589
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#52
Toluene
Concen: 9.633 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

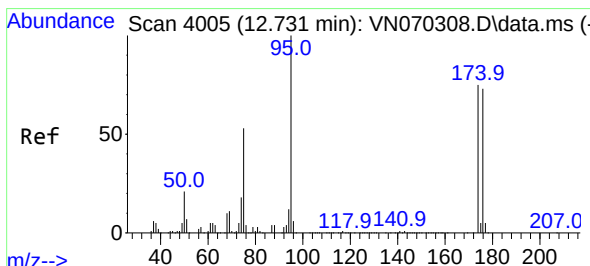
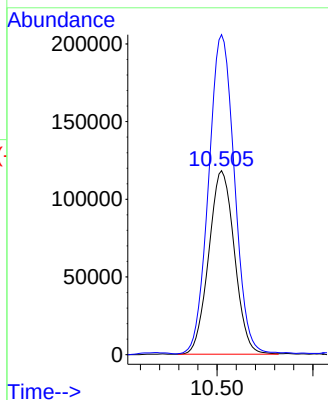
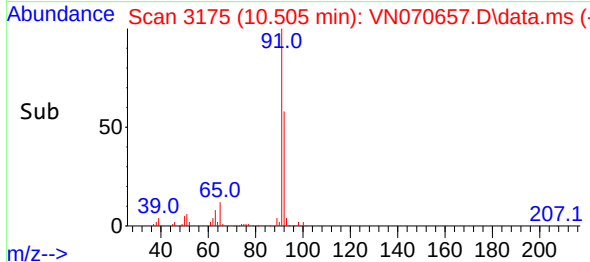
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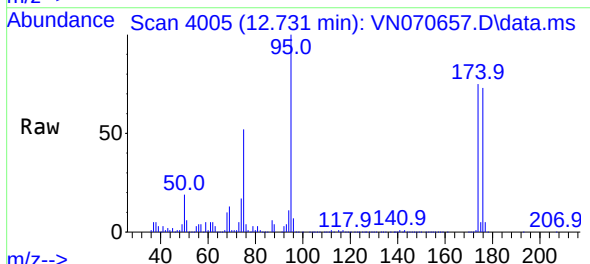
Tgt Ion: 92 Resp: 219500
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0

Manual Integrations
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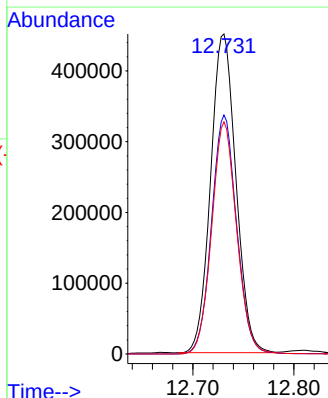
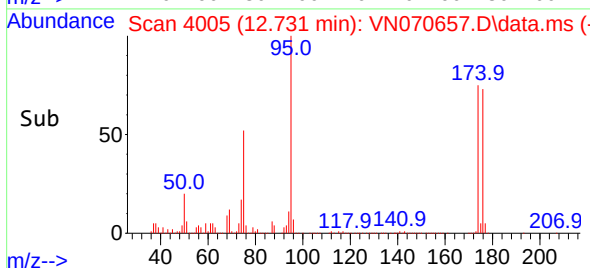
Reviewed By :John Carlone 01/18/2022
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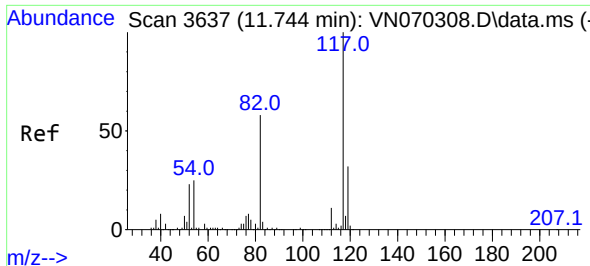


#62
4-Bromofluorobenzene
Concen: 71.551 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



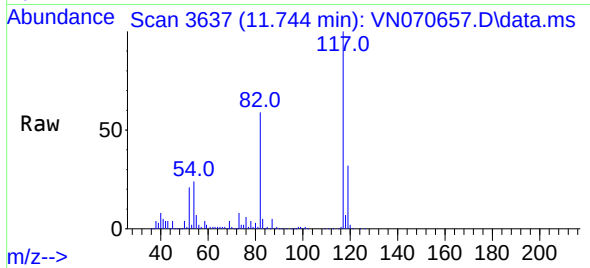
Tgt Ion: 95 Resp: 783597
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

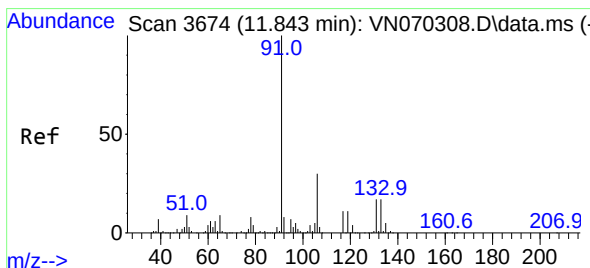
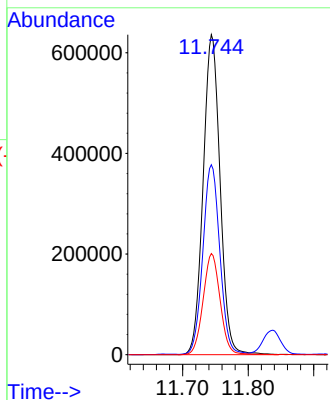
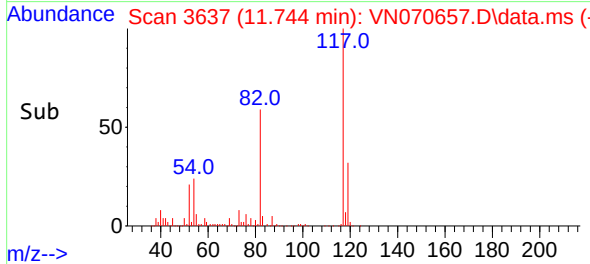
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



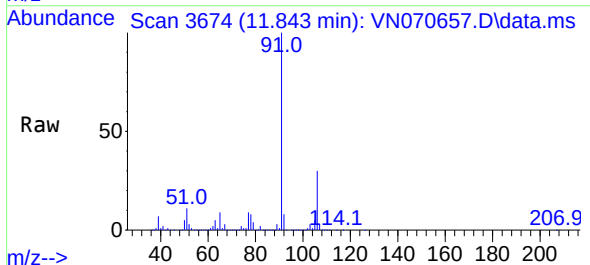
Tgt Ion:117 Resp: 1141950
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
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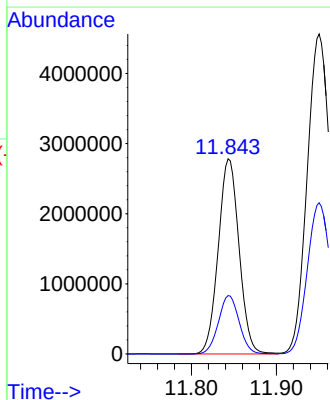
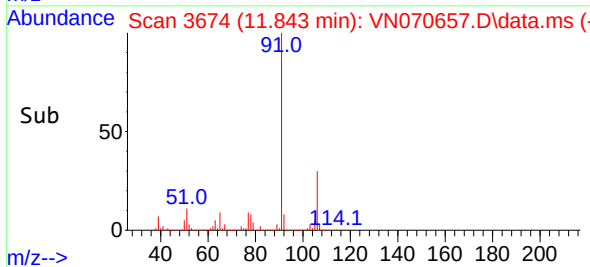
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

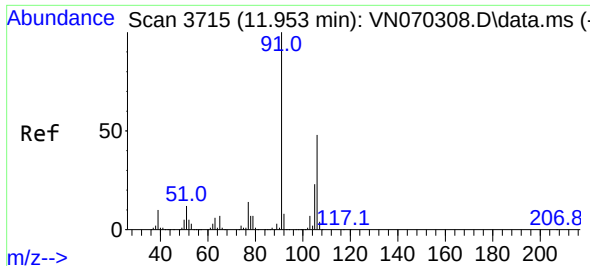


#67
Ethyl Benzene
Concen: 106.640 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



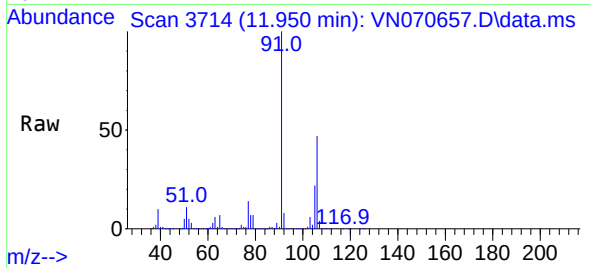
Tgt Ion: 91 Resp: 4734248
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





#68
m/p-Xylenes
Concen: 261.148 ug/l
RT: 11.950 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

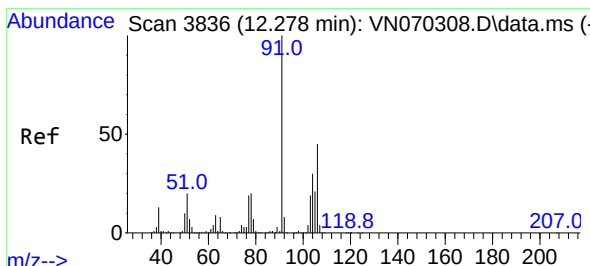
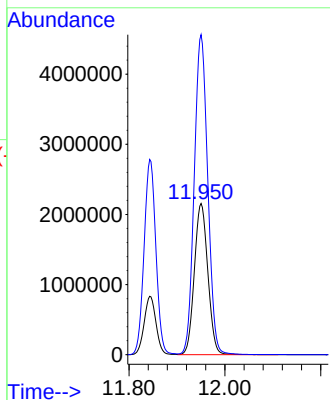
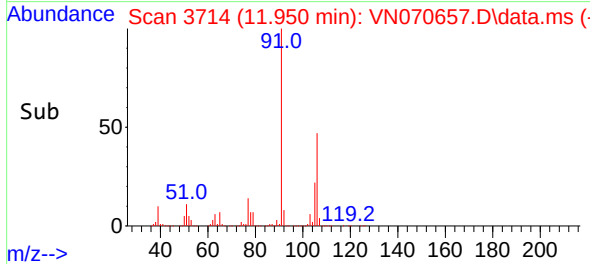
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



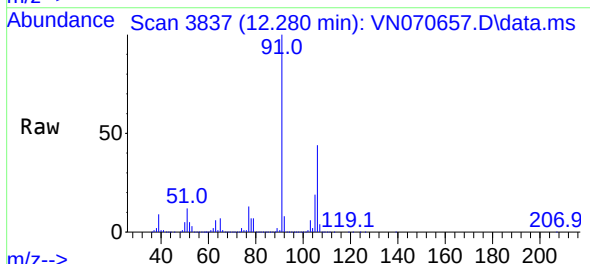
Tgt Ion:106 Resp: 422011
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8

Manual Integrations
APPROVED

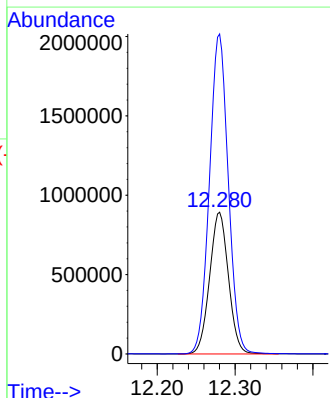
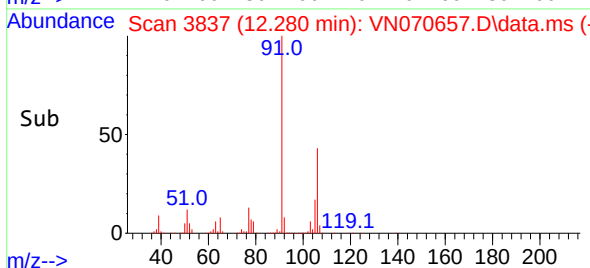
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

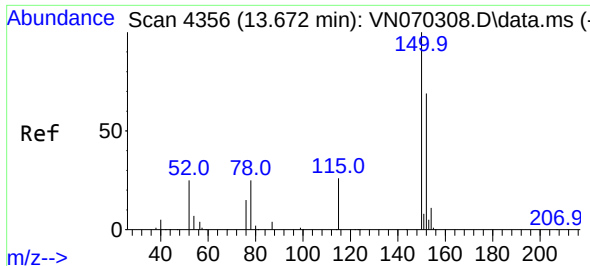


#69
o-Xylene
Concen: 93.058 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



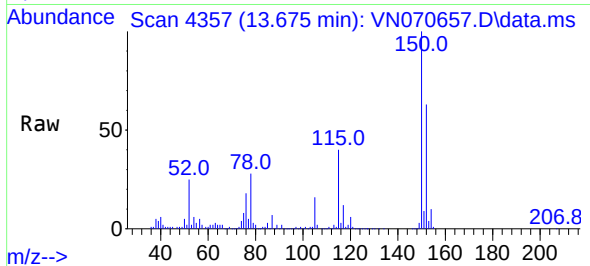
Tgt Ion:106 Resp: 1495773
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4356
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

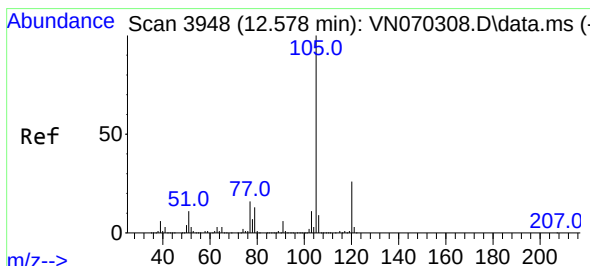
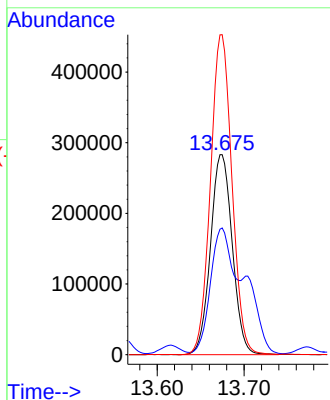
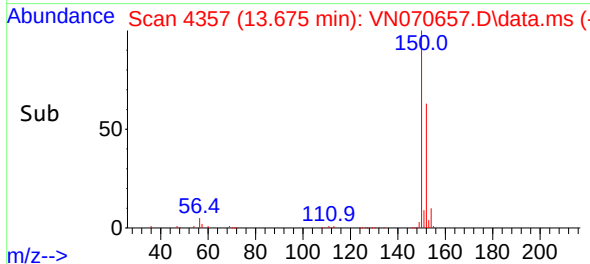
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



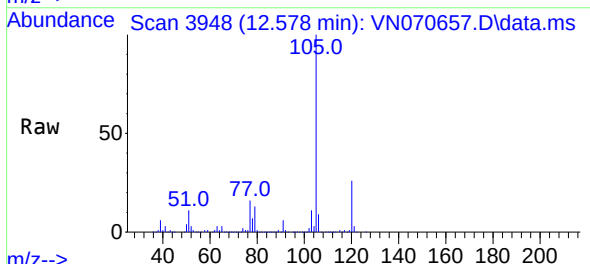
Tgt Ion:152 Resp: 493414
Ion Ratio Lower Upper
152 100
115 68.2 27.5 82.5
150 157.6 0.0 344.4

Manual Integrations
APPROVED

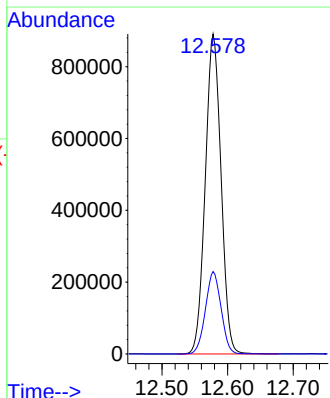
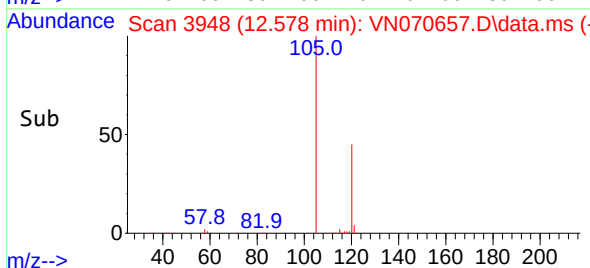
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

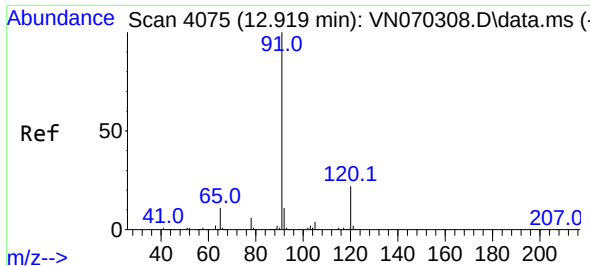


#73
Isopropylbenzene
Concen: 32.441 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



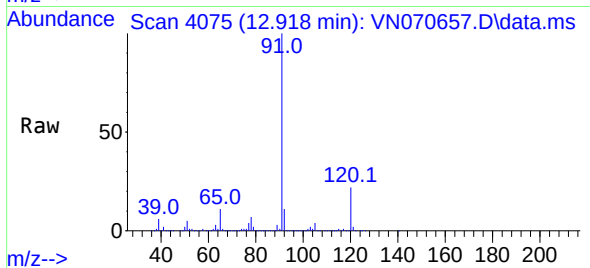
Tgt Ion:105 Resp: 1486489
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#78
n-propylbenzene
Concen: 96.193 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

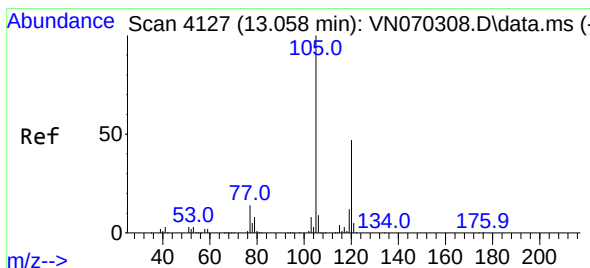
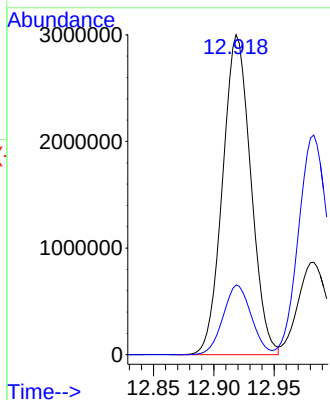
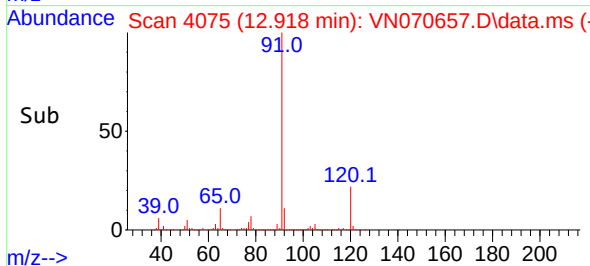
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



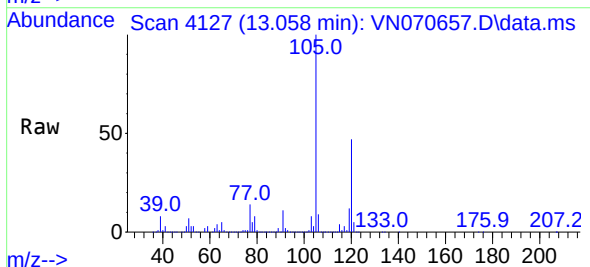
Tgt Ion: 91 Resp: 488356
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

Manual Integrations
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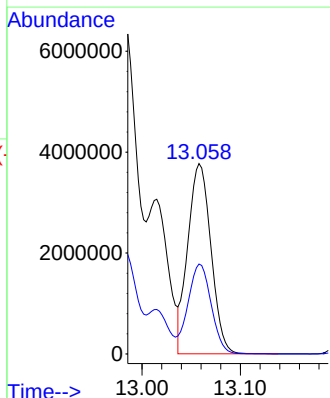
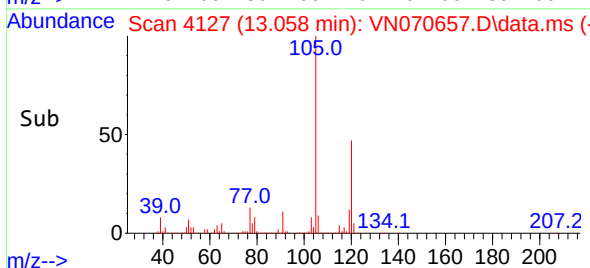
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

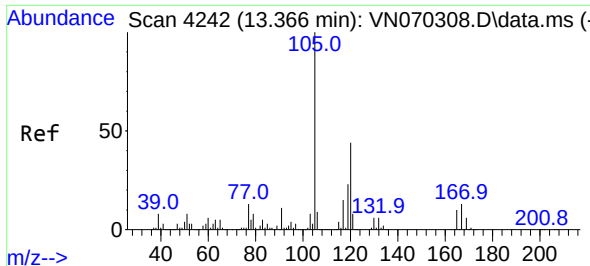


#80
1,3,5-Trimethylbenzene
Concen: 167.531 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



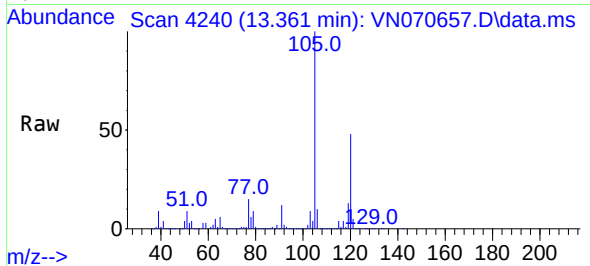
Tgt Ion:105 Resp: 6151493
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 462.814 ug/l m
RT: 13.361 min Scan# 4242
Delta R.T. -0.005 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

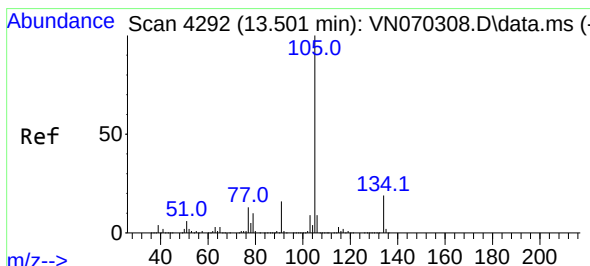
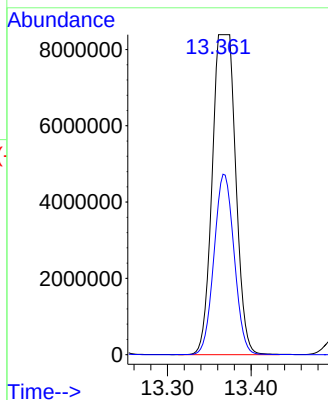
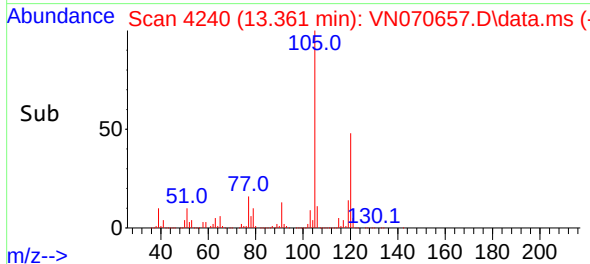
Instrument :
MSVOA_N
ClientSampleId :
MW-33RE



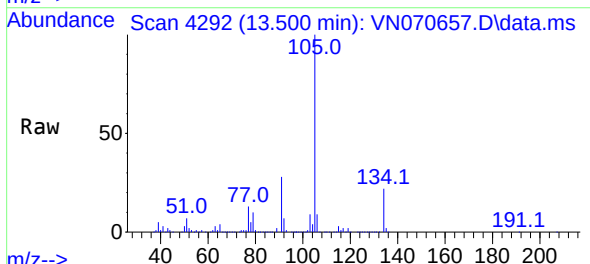
Tgt Ion:105 Resp:16363900
Ion Ratio Lower Upper
105 100
120 10.6 22.8 68.4

Manual Integrations
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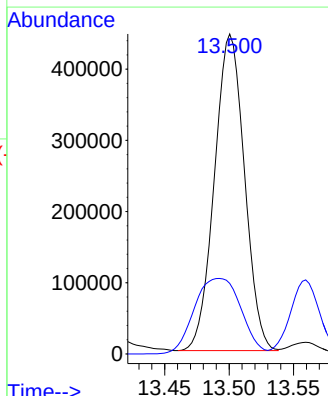
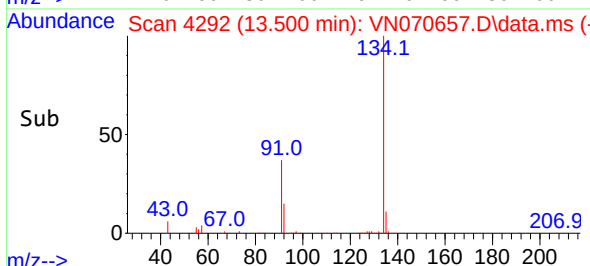
Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022

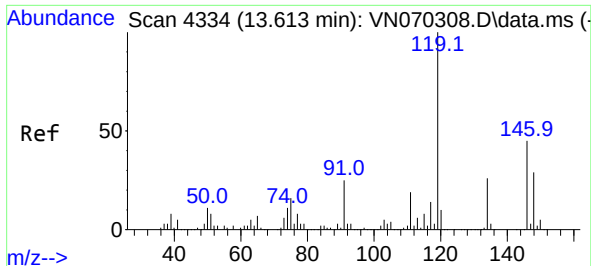


#85
sec-Butylbenzene
Concen: 16.440 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.001 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18



Tgt Ion:105 Resp: 721664
Ion Ratio Lower Upper
105 100
134 37.0 10.4 31.1#





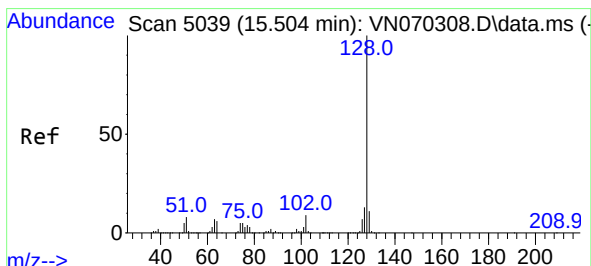
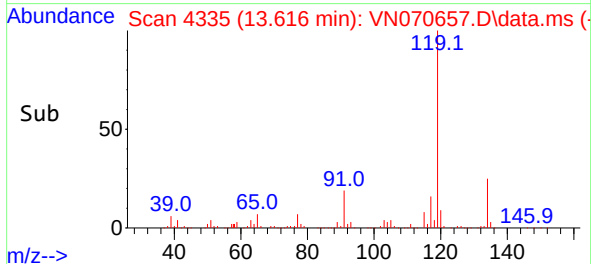
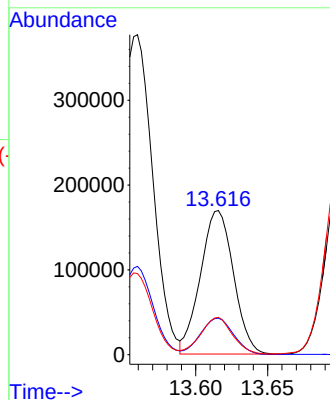
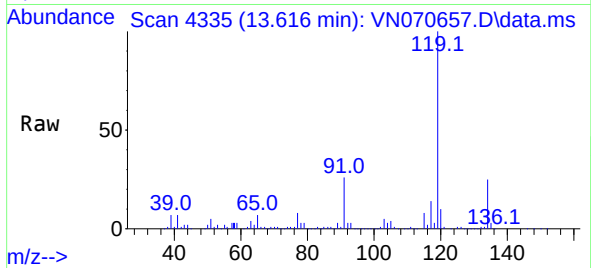
#86
p-Isopropyltoluene
Concen: 7.849 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Instrument :
MSVOA_N
ClientSampleId :
MW-33RE

Tgt Ion:119 Resp: 27065
Ion Ratio Lower Upper
119 100
134 25.3 13.6 40.7
91 24.3 11.4 34.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2022
Supervised By :Mahesh Dadoda 01/18/2022



#95
Naphthalene
Concen: 84.448 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070657.D
Acq: 17 Jan 2022 20:18

Tgt Ion:128 Resp: 1927371
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1

