

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008359.D
 Acq On : 15 Apr 2022 18:23
 Operator : KP/MD
 Sample : N2431-05
 Misc : 5.0g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-2-1-GR

Quant Time: Apr 16 05:00:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	86652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44470	49.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.740%			
35) Dibromofluoromethane	7.716	113	47899	52.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.760%			
50) Toluene-d8	10.179	98	170387	54.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.477	95	38611	32.806	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.620%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10626	49.540	ug/l #	86
17) Carbon Disulfide	4.192	76	16096	6.516	ug/l #	94
25) 2-Butanone	6.984	43	4514	13.459	ug/l #	61
31) Cyclohexane	7.777	56	42051	26.077	ug/l	93
39) Methylcyclohexane	9.185	83	91484m	48.691	ug/l	
40) Benzene	8.161	78	21062	4.844	ug/l	100
52) Toluene	10.246	92	46944	16.385	ug/l	96
67) Ethyl Benzene	11.593	91	61186	19.147	ug/l	99
68) m/p-Xylenes	11.697	106	94358	74.243	ug/l	92
69) o-Xylene	12.026	106	66428	53.860	ug/l	91
73) Isopropylbenzene	12.331	105	19989	13.634	ug/l	98
78) n-propylbenzene	12.672	91	36391	21.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	88521	73.635	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	284912	239.482	ug/l	96
85) sec-Butylbenzene	13.258	105	13093	8.189	ug/l #	77
86) p-Isopropyltoluene	13.367	119	131536	98.585	ug/l	98
89) n-Butylbenzene	13.696	91	20462	16.974	ug/l #	79
95) Naphthalene	15.239	128	75442	94.068	ug/l #	95

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

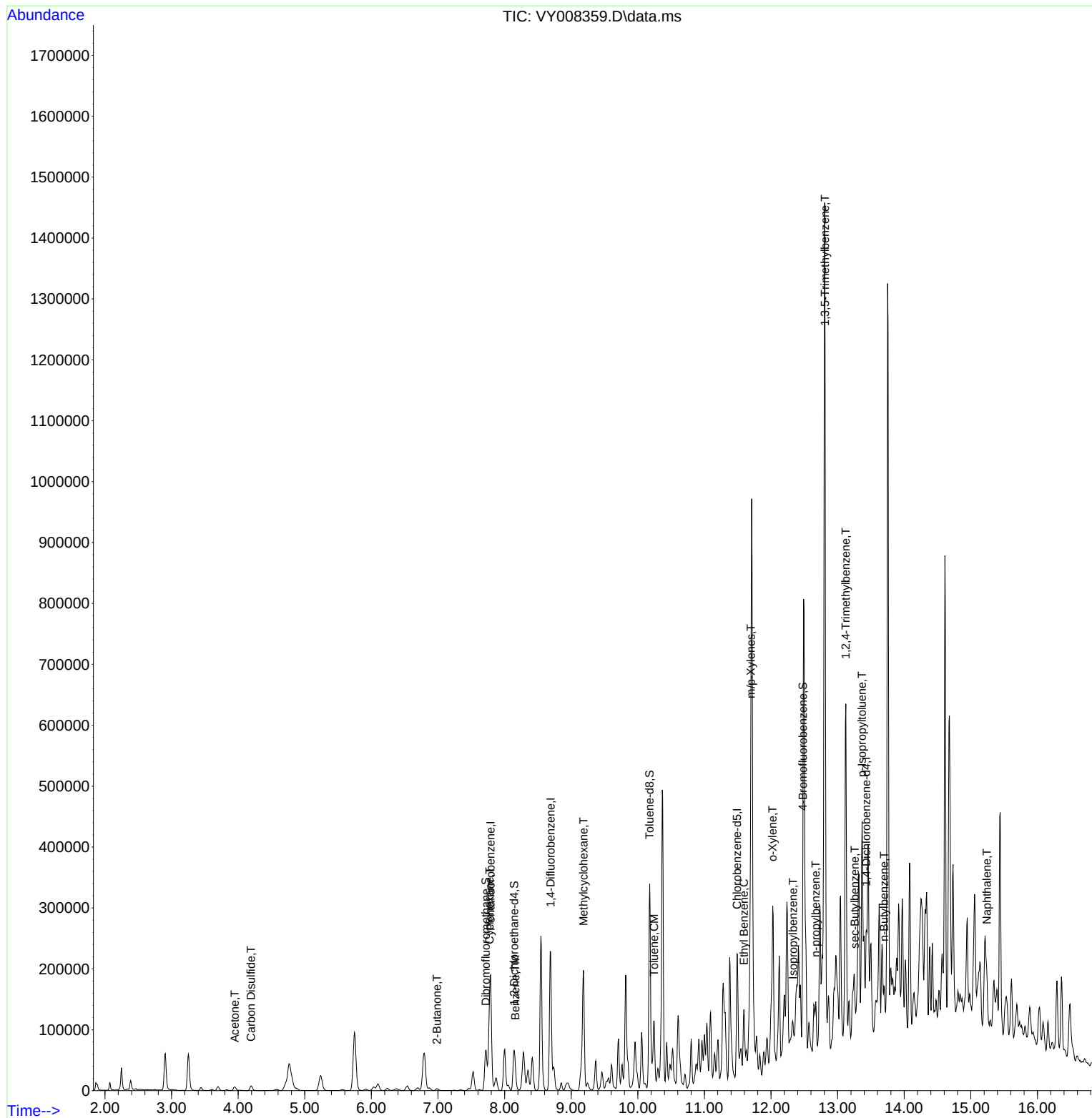
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
Data File : VY008359.D
Acq On : 15 Apr 2022 18:23
Operator : KP/MD
Sample : N2431-05
Misc : 5.0g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

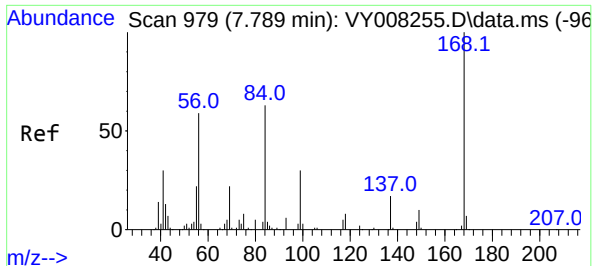
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR

Quant Time: Apr 16 05:00:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

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APPROVED

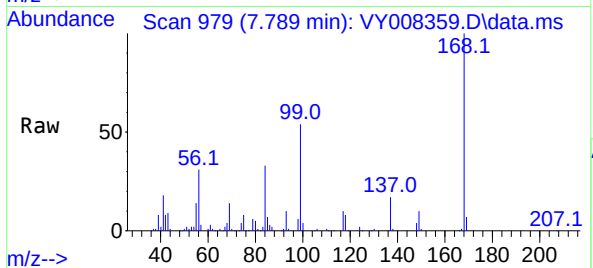
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

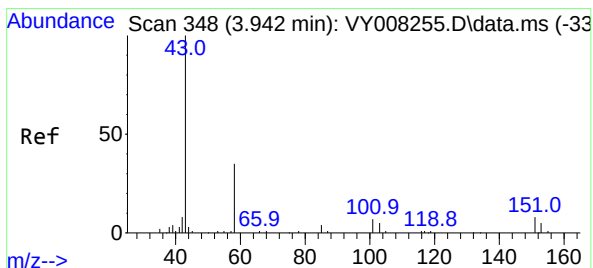
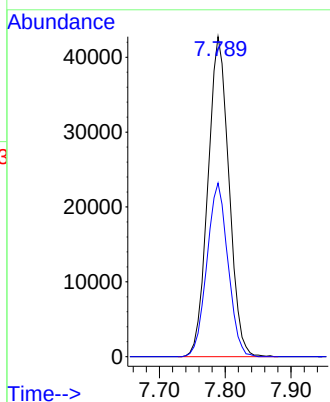
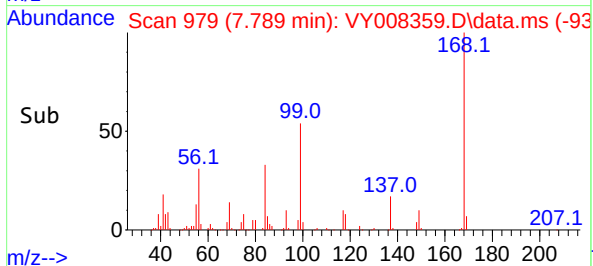
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



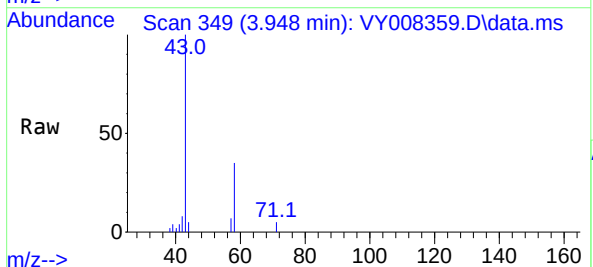
Tgt Ion:168 Resp: 94938
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3

Manual Integrations
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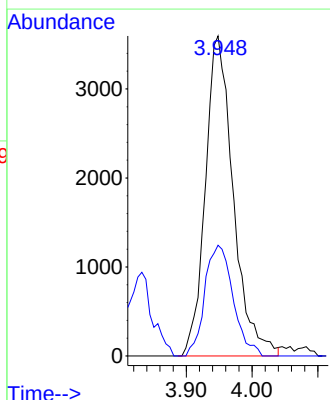
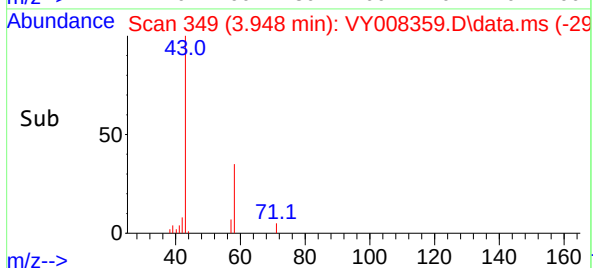
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

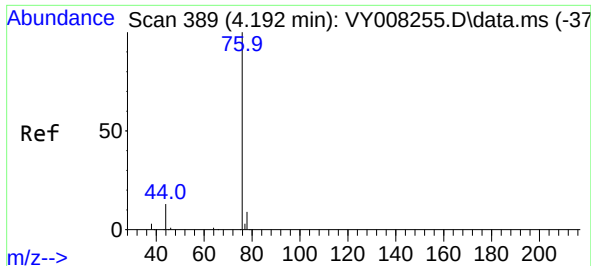


#16
Acetone
Concen: 49.540 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



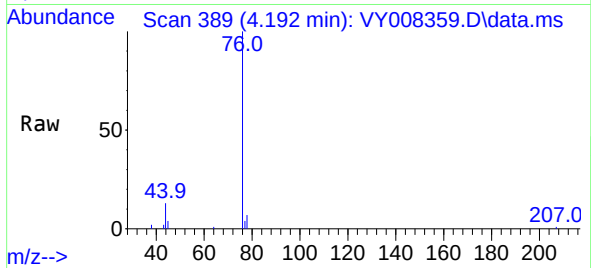
Tgt Ion: 43 Resp: 10626
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#





#17
Carbon Disulfide
Concen: 6.516 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

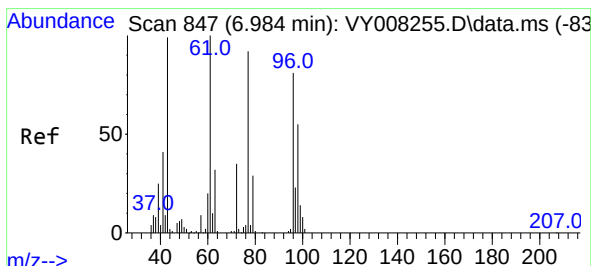
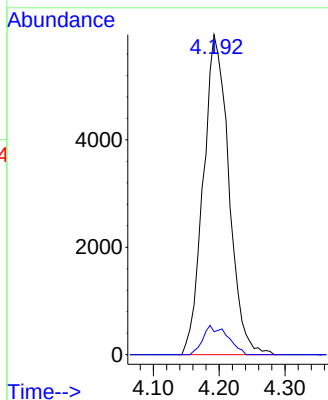
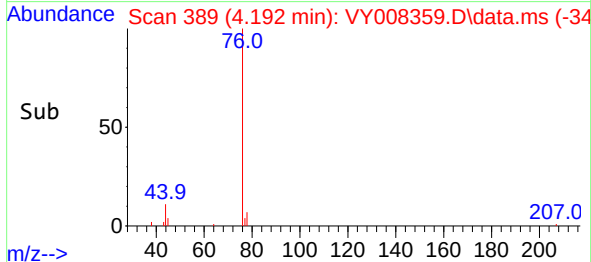
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



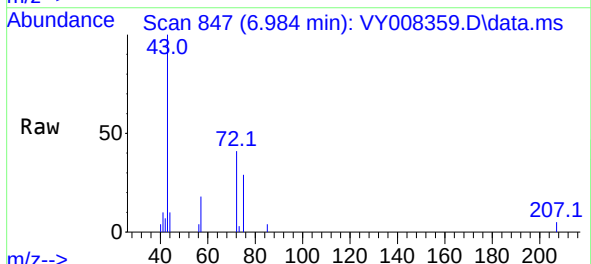
Tgt Ion: 76 Resp: 16090
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0

Manual Integrations
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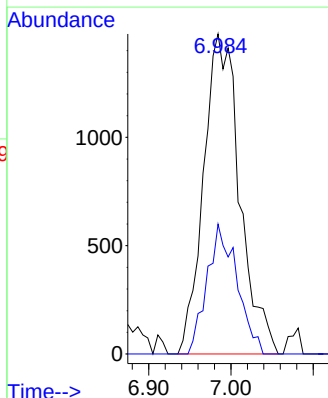
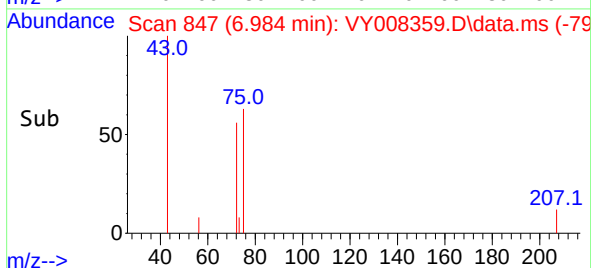
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

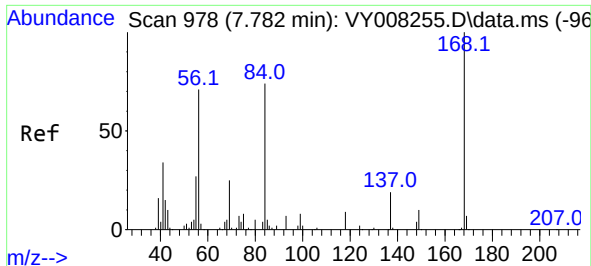


#25
2-Butanone
Concen: 13.459 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



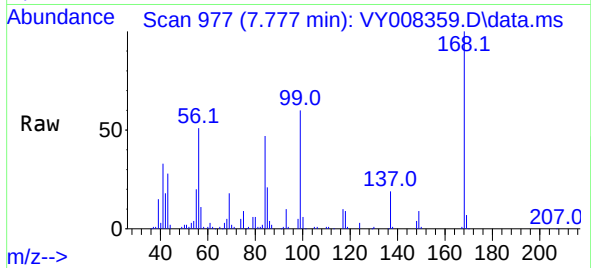
Tgt Ion: 43 Resp: 4514
Ion Ratio Lower Upper
43 100
72 40.6 17.7 26.5





#31
Cyclohexane
Concen: 26.077 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

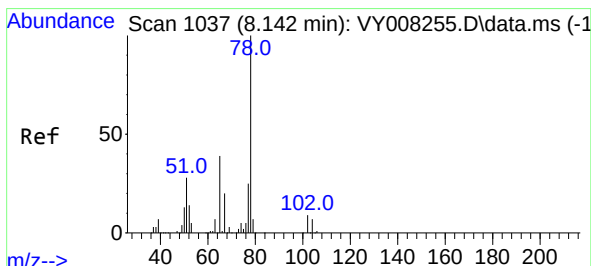
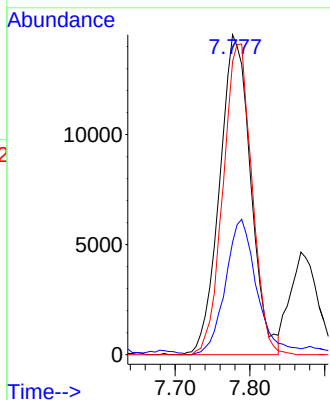
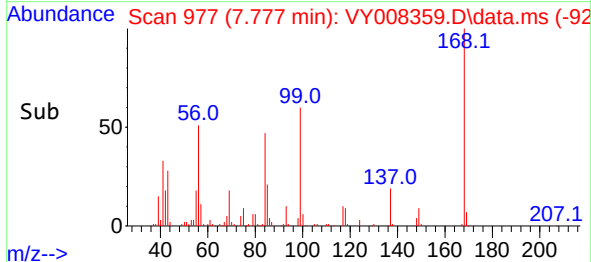
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 34.6 26.7 40.1
84 91.6 67.2 100.8

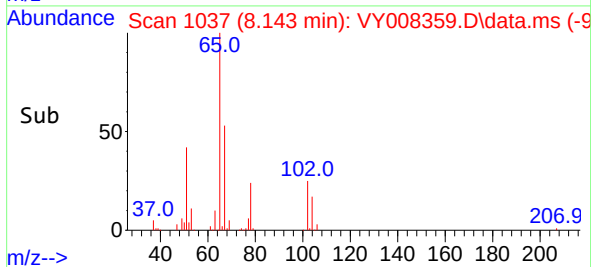
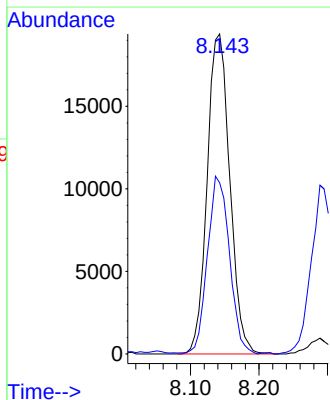
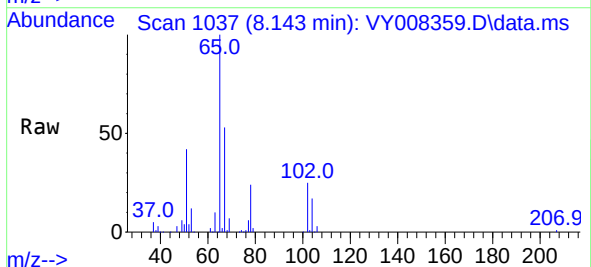
Manual Integrations
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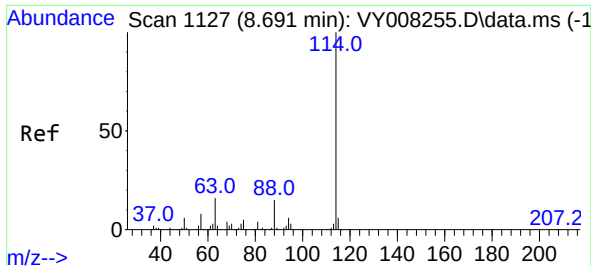
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#33
1,2-Dichloroethane-d4
Concen: 49.867 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

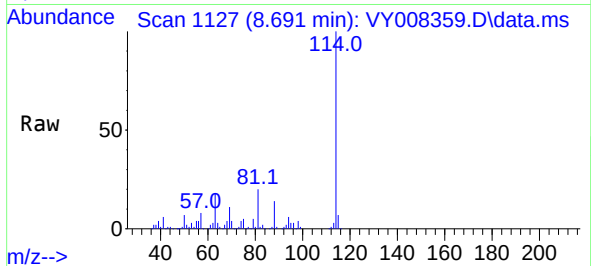
Tgt Ion: 65 Resp: 44470
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

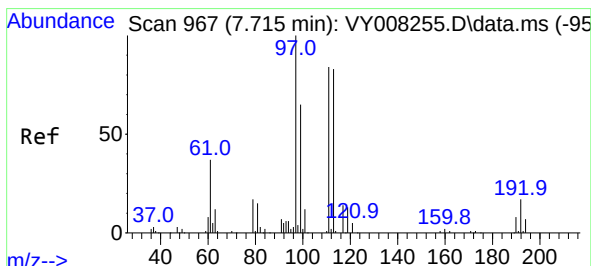
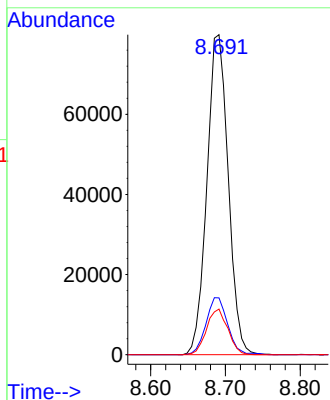
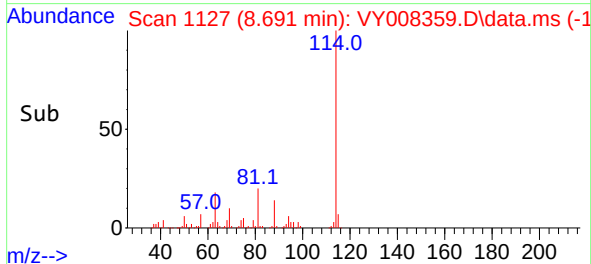
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



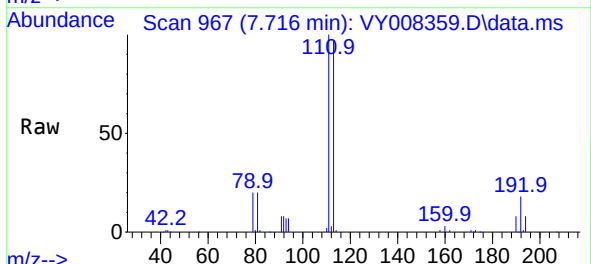
Tgt Ion:114 Resp: 158320
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.3 0.0 31.8

Manual Integrations
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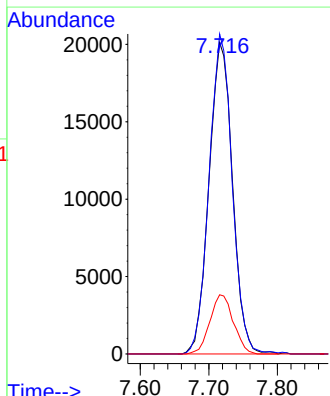
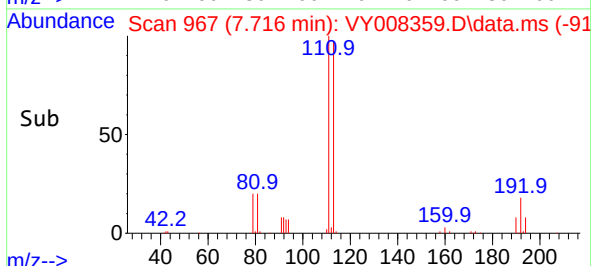
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

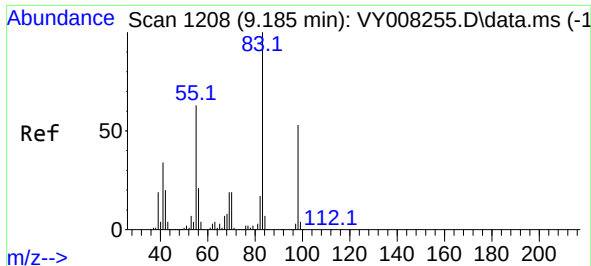


#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



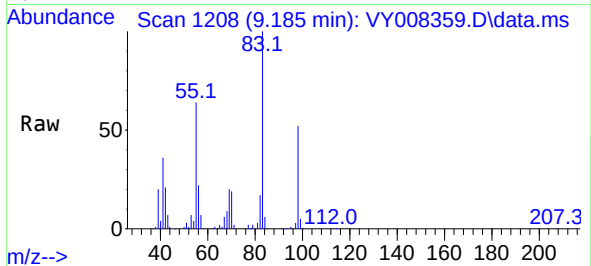
Tgt Ion:113 Resp: 47899
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 18.9 17.6 26.4





#39
Methylcyclohexane
Concen: 48.691 ug/l m
RT: 9.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

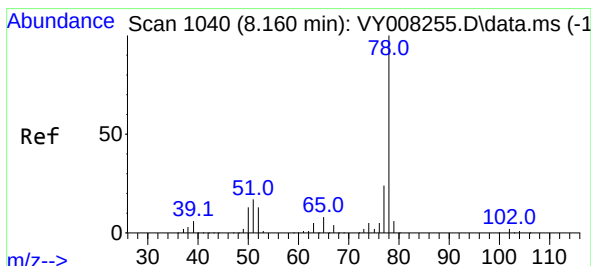
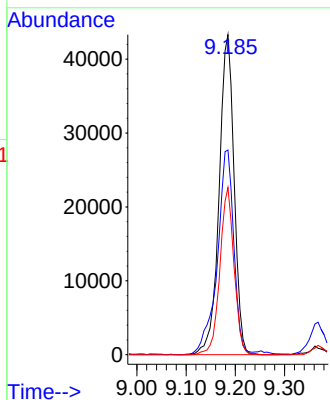
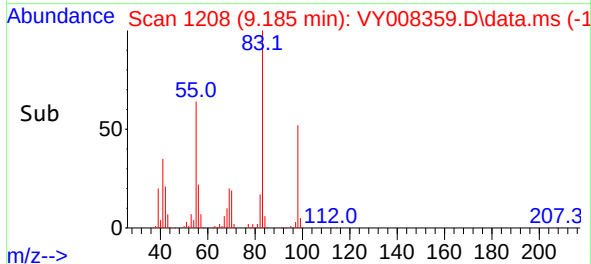
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



Tgt Ion: 83 Resp: 91484
Ion Ratio Lower Upper
83 100
55 64.0 66.5 99.7
98 52.2 37.9 56.9

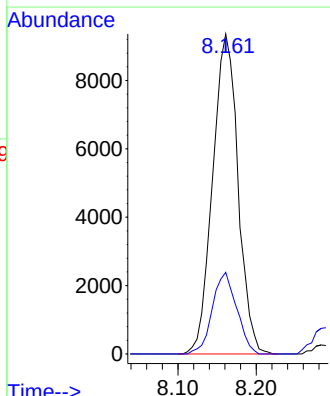
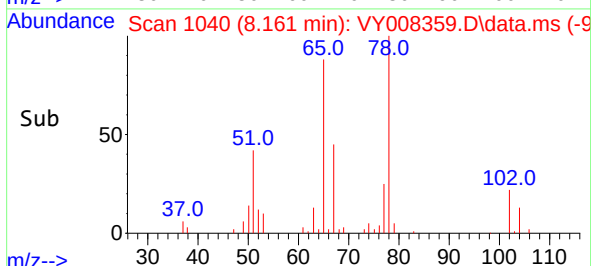
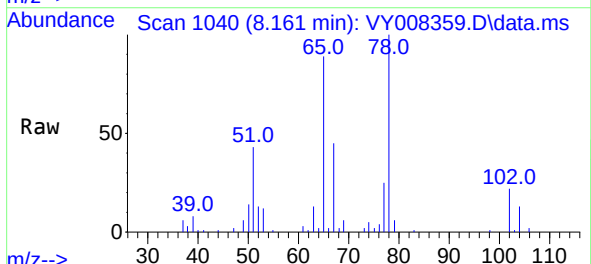
Manual Integrations
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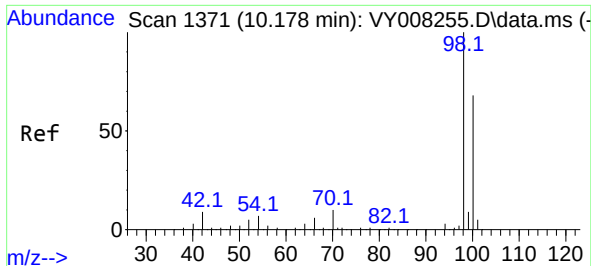
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#40
Benzene
Concen: 4.844 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

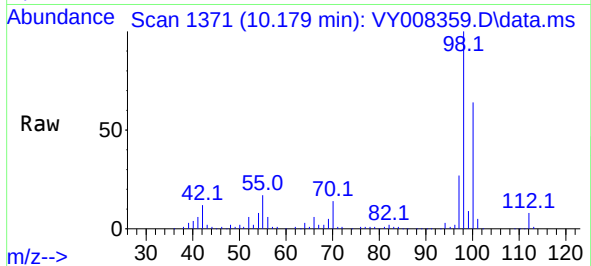
Tgt Ion: 78 Resp: 21062
Ion Ratio Lower Upper
78 100
77 25.5 20.4 30.6





#50
Toluene-d8
Concen: 54.452 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

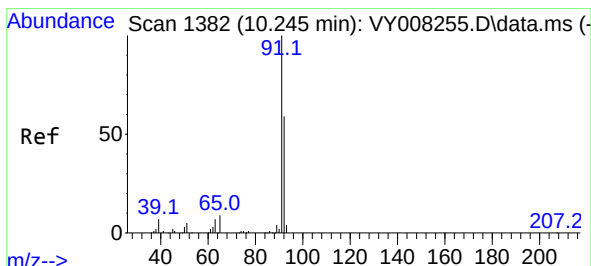
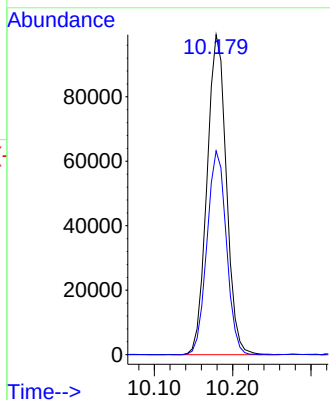
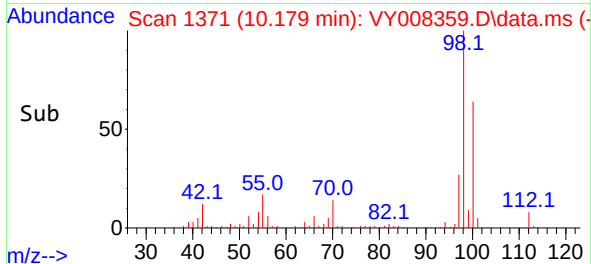
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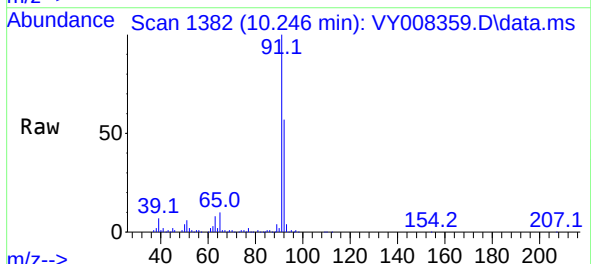
Tgt Ion: 98 Resp: 17038
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

Manual Integrations
APPROVED

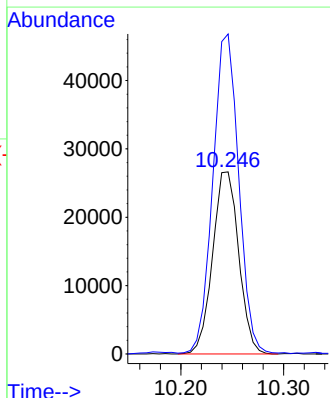
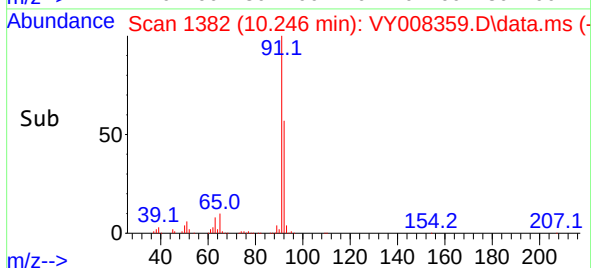
Reviewed By :Krupa Patel 04/20/2022
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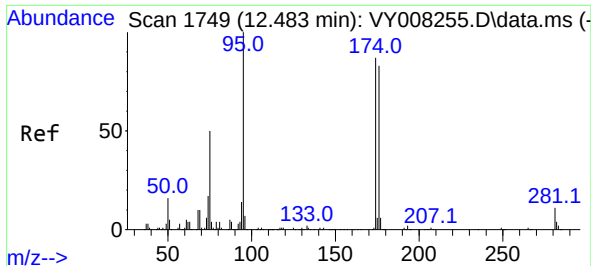


#52
Toluene
Concen: 16.385 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



Tgt Ion: 92 Resp: 46944
Ion Ratio Lower Upper
92 100
91 173.1 142.6 213.8





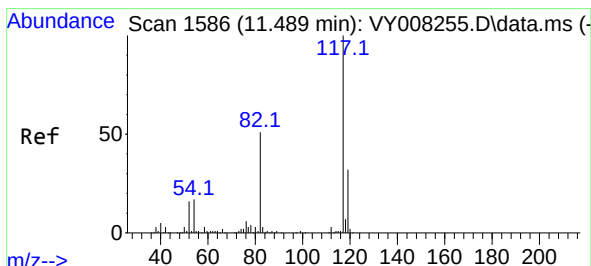
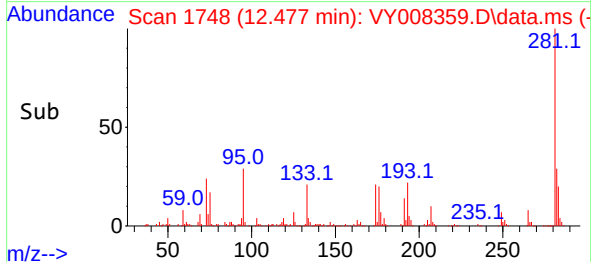
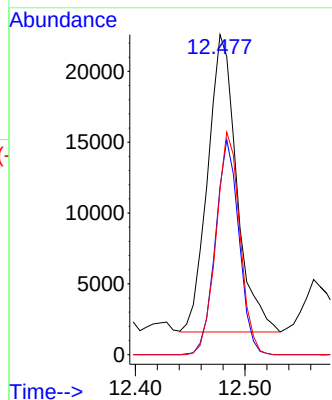
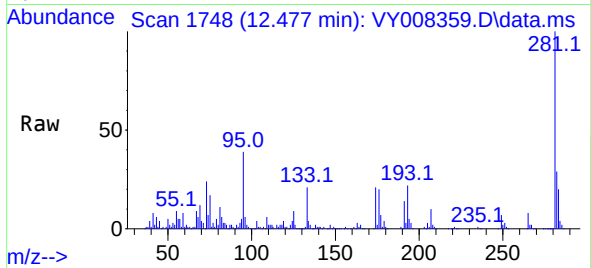
#62
4-Bromofluorobenzene
Concen: 32.806 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR

Tgt Ion: 95 Resp: 3861
Ion Ratio Lower Upper
95 100
174 58.6 0.0 177.0
176 61.2 0.0 175.8

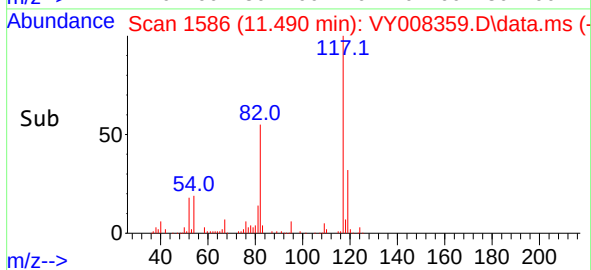
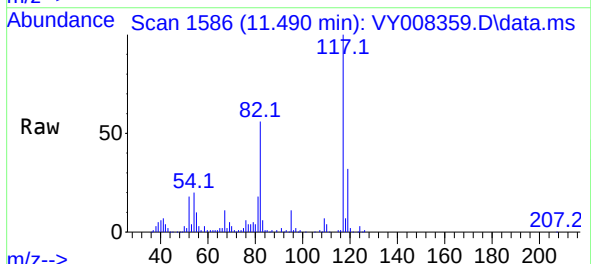
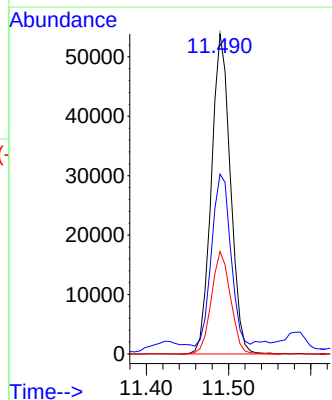
Manual Integrations
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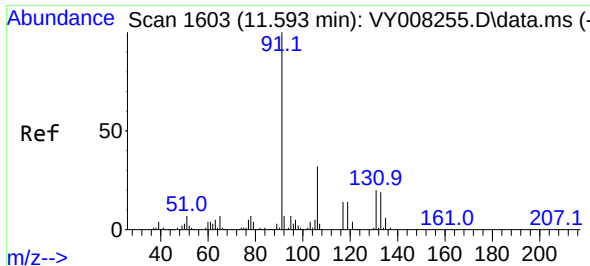
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

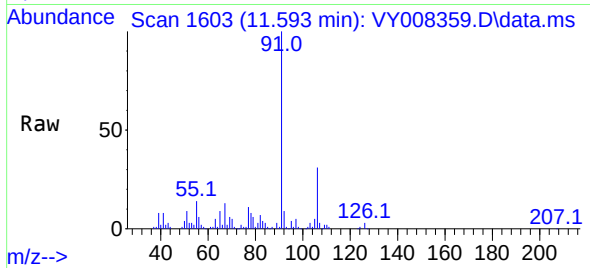
Tgt Ion:117 Resp: 86652
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.0 25.4 38.0





#67
Ethyl Benzene
Concen: 19.147 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

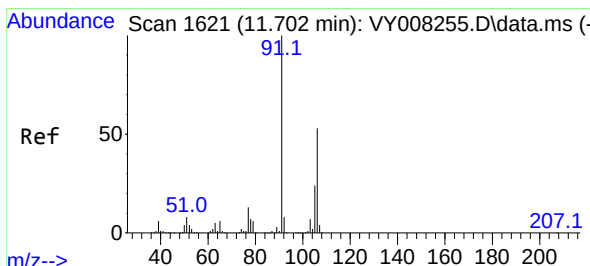
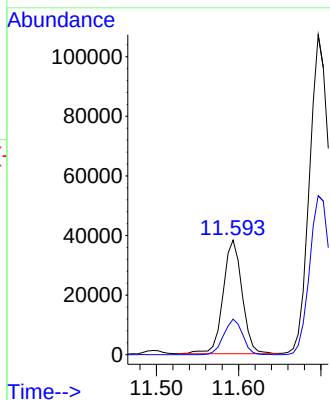
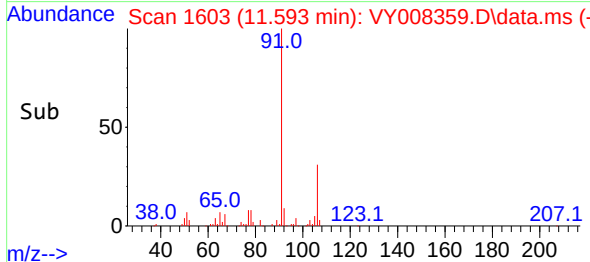
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



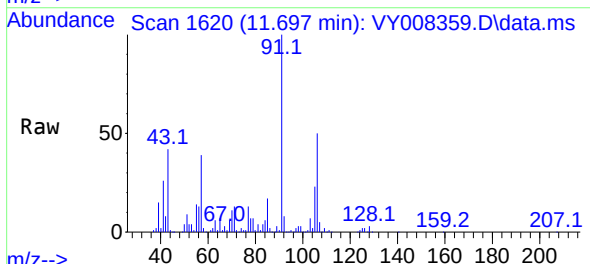
Tgt Ion: 91 Resp: 61180
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

Manual Integrations
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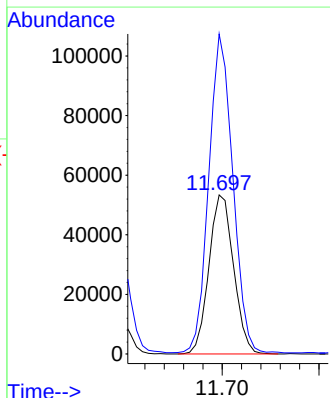
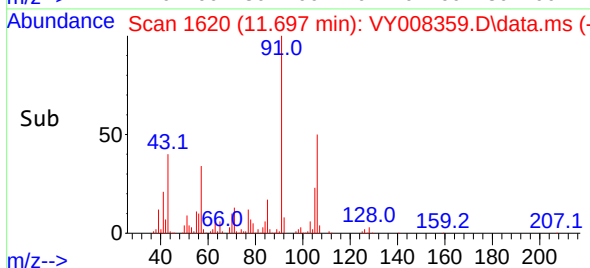
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

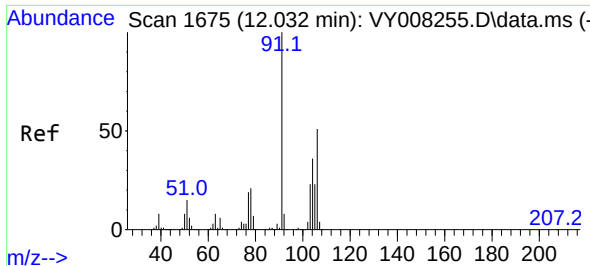


#68
m/p-Xylenes
Concen: 74.243 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



Tgt Ion:106 Resp: 94358
Ion Ratio Lower Upper
106 100
91 195.1 166.6 249.8





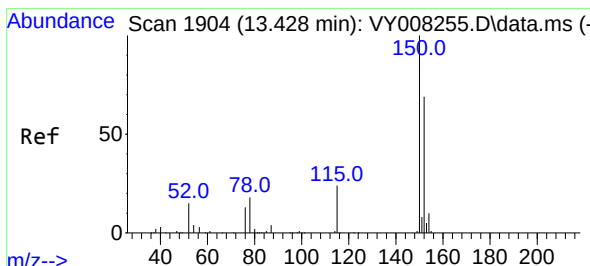
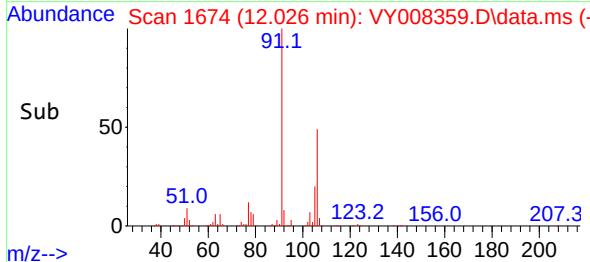
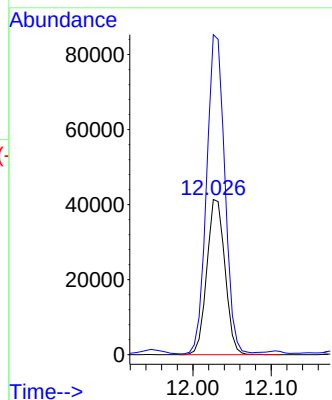
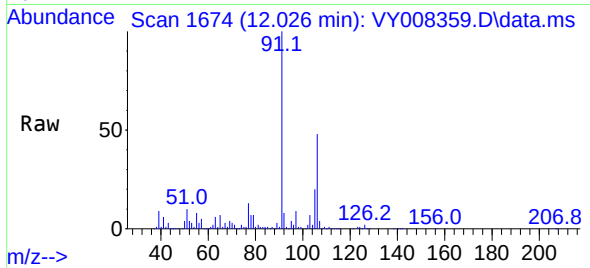
#69
o-Xylene
Concen: 53.860 ug/l
RT: 12.026 min Scan# 106
Delta R.T. -0.006 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR

Tgt Ion:106 Resp: 66428
Ion Ratio Lower Upper
106 100
91 205.8 110.3 331.0

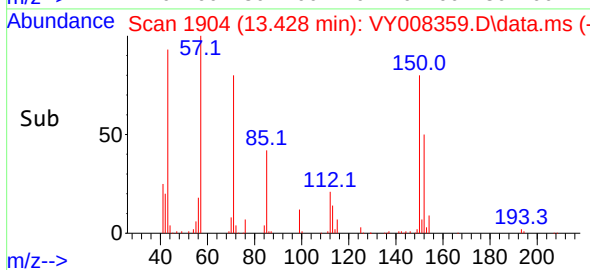
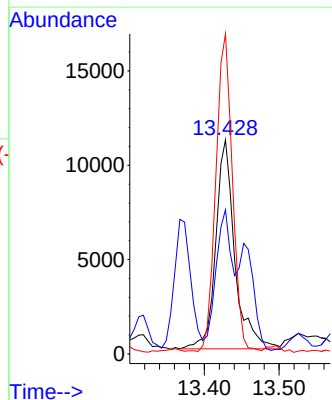
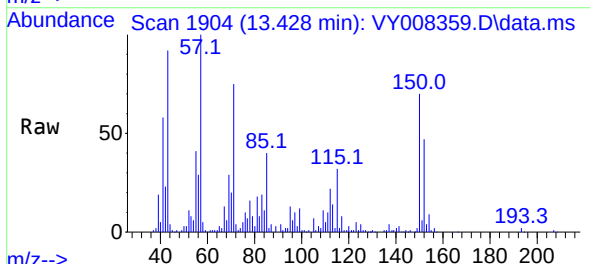
Manual Integrations
APPROVED

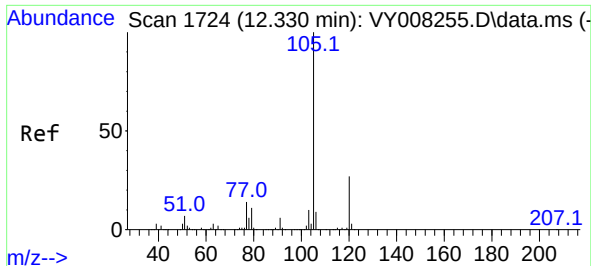
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

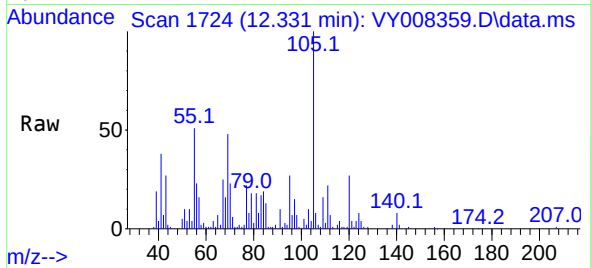
Tgt Ion:152 Resp: 19719
Ion Ratio Lower Upper
152 100
115 50.3 28.2 84.7
150 131.4 0.0 347.6





#73
Isopropylbenzene
Concen: 13.634 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

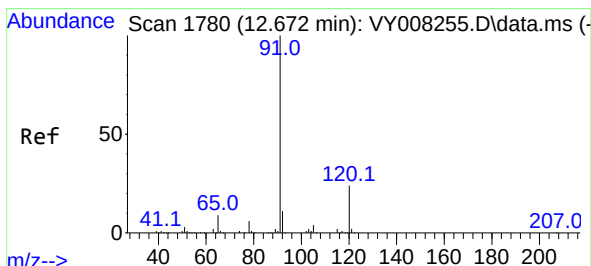
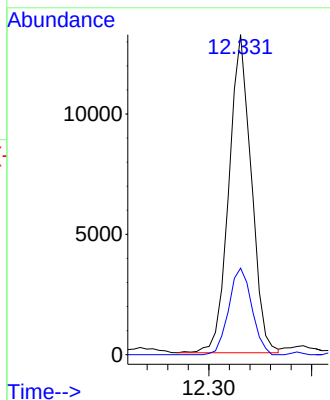
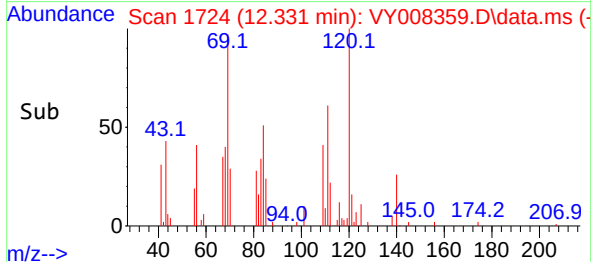
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



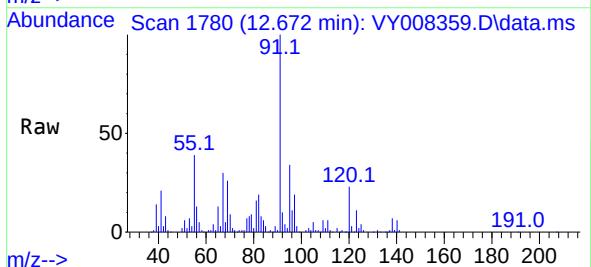
Tgt Ion: 105 Resp: 19989
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2

Manual Integrations
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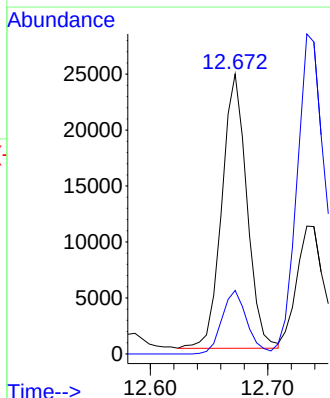
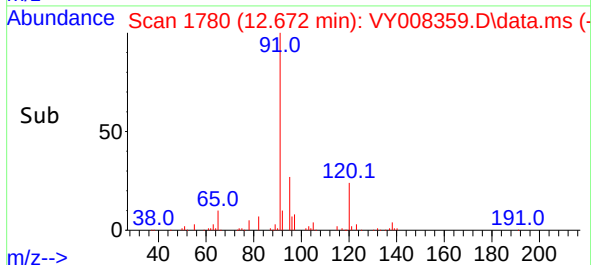
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

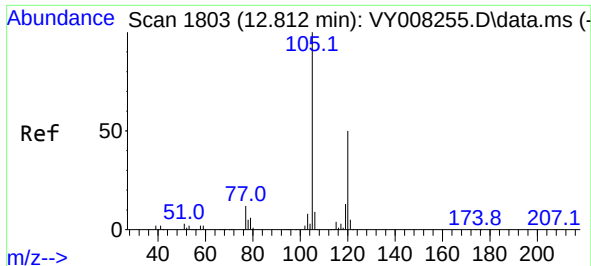


#78
n-propylbenzene
Concen: 21.036 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



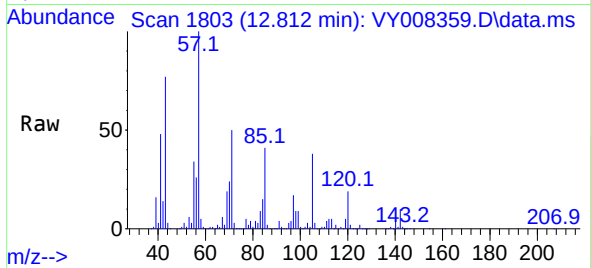
Tgt Ion: 91 Resp: 36391
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 73.635 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

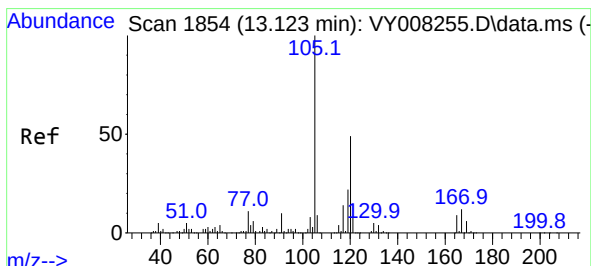
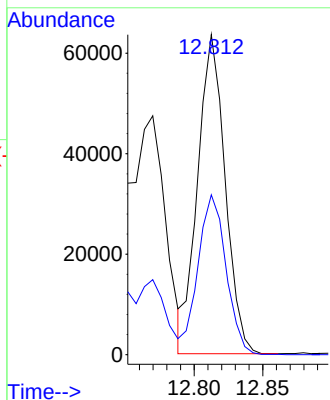
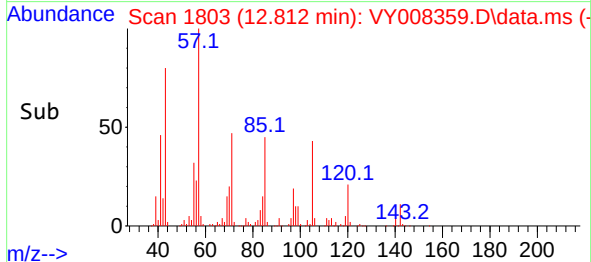
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



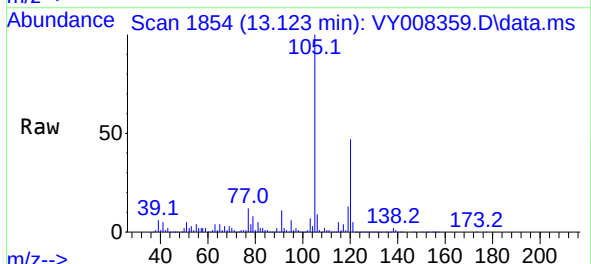
Tgt Ion:105 Resp: 8852
Ion Ratio Lower Upper
105 100
120 51.4 24.4 73.4

Manual Integrations
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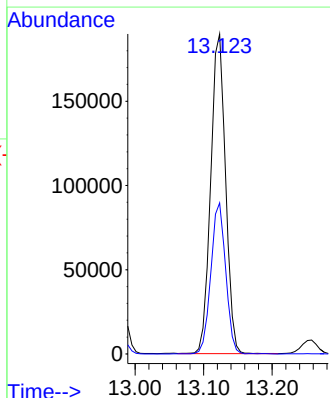
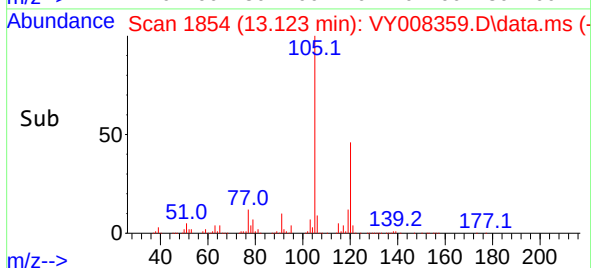
Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

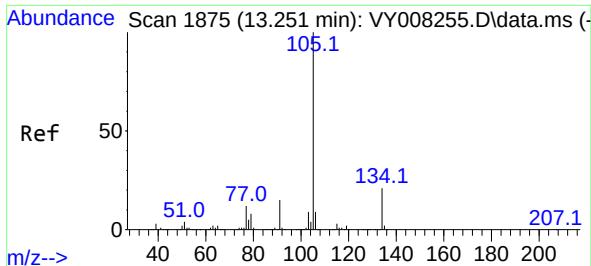


#84
1,2,4-Trimethylbenzene
Concen: 239.482 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



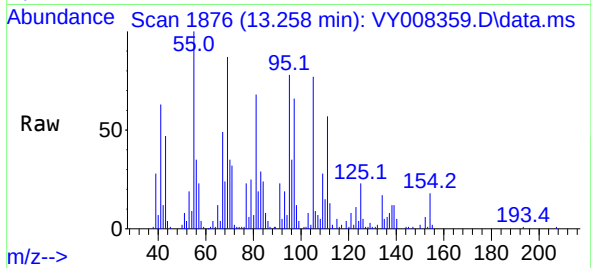
Tgt Ion:105 Resp: 284912
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 8.189 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY008359.D
 Acq: 15 Apr 2022 18:23

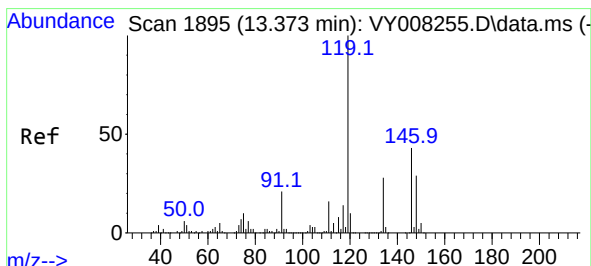
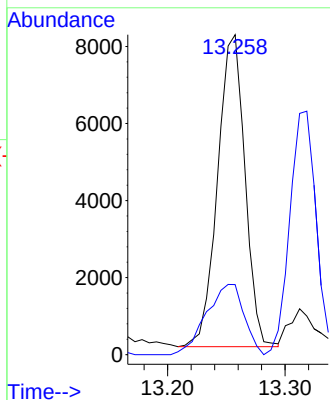
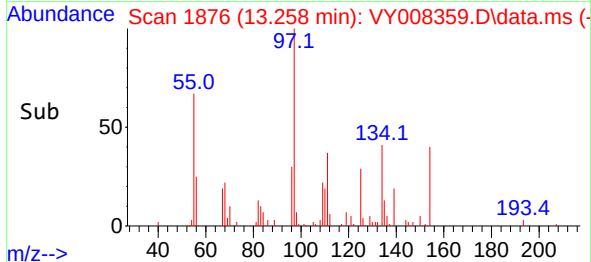
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-2-1-GR



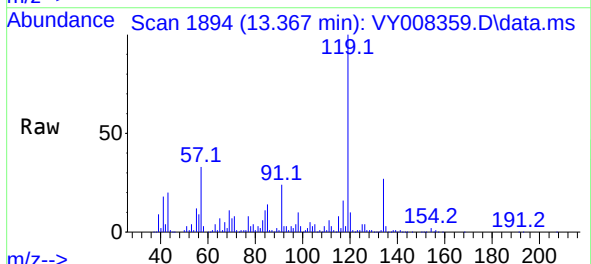
Tgt Ion:105 Resp: 1309
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.2 30.4

Manual Integrations
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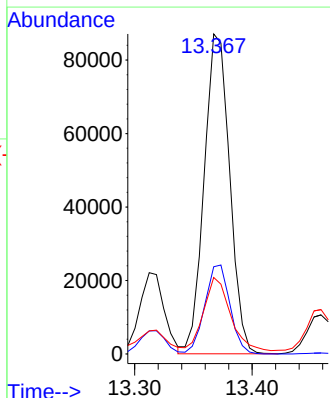
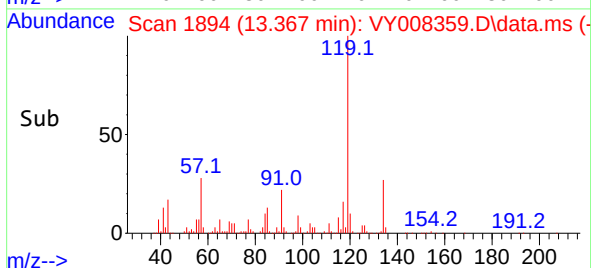
Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

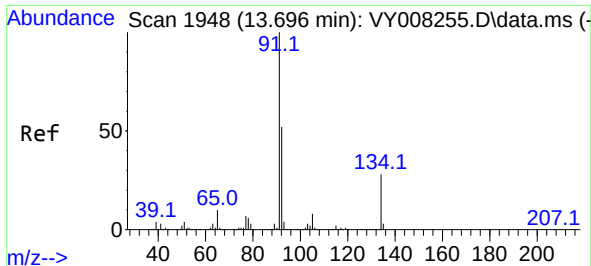


#86
 p-Isopropyltoluene
 Concen: 98.585 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY008359.D
 Acq: 15 Apr 2022 18:23



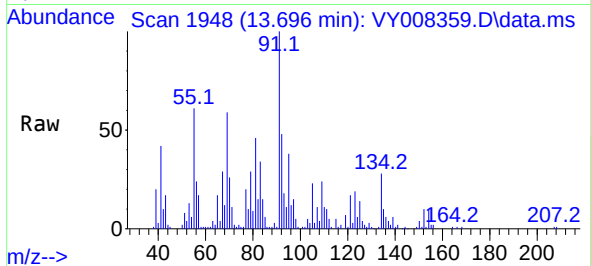
Tgt Ion:119 Resp: 131536
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 23.5 12.4 37.2





#89
n-Butylbenzene
Concen: 16.974 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23

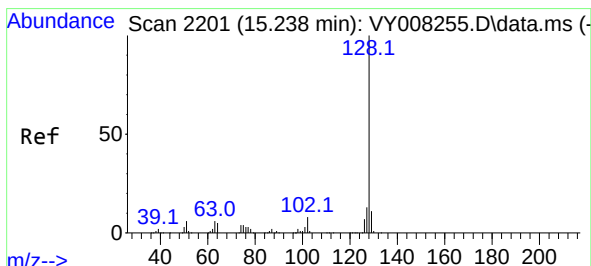
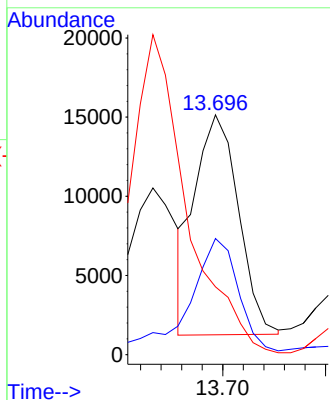
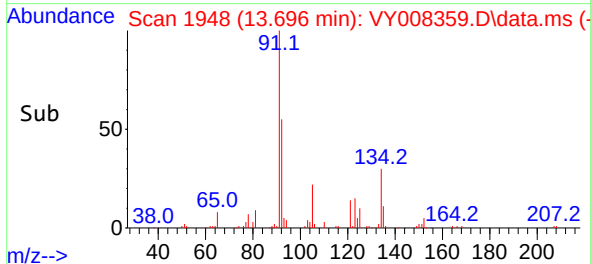
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-2-1-GR



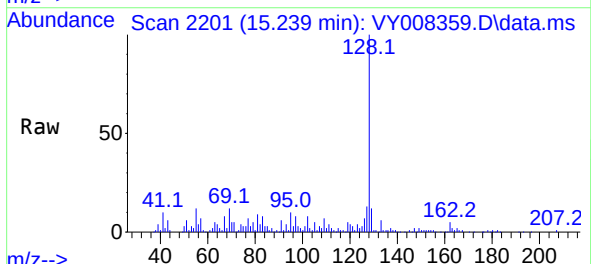
Tgt Ion: 91 Resp: 20462
Ion Ratio Lower Upper
91 100
92 57.2 26.3 78.9
134 0.0 13.0 38.9

Manual Integrations
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Reviewed By :Krupa Patel 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#95
Naphthalene
Concen: 94.068 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.001 min
Lab File: VY008359.D
Acq: 15 Apr 2022 18:23



Tgt Ion:128 Resp: 75442
Ion Ratio Lower Upper
128 100
127 14.8 11.0 16.4
129 13.1 8.4 12.6

