

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008451.D
 Acq On : 21 Apr 2022 19:22
 Operator : KP/MD
 Sample : N2431-01
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 05:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	67797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	103694	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	148135m	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36945	46.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.620%		
35) Dibromofluoromethane	7.716	113	35563	48.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.179	98	381995	126.244	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	252.480%#		
62) 4-Bromofluorobenzene	12.483	95	486969	489.329	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	978.660%#		
Target Compounds					Qvalue	
16) Acetone	3.942	43	35272	189.835	ug/l #	88
17) Carbon Disulfide	4.192	76	17429	7.866	ug/l #	94
25) 2-Butanone	6.978	43	17866	62.153	ug/l #	86
31) Cyclohexane	7.783	56	734664	560.208	ug/l #	85
39) Methylcyclohexane	9.185	83	3065726	2036.693	ug/l #	79
40) Benzene	8.161	78	38247	11.151	ug/l	96
52) Toluene	10.246	92	196974	86.843	ug/l	95
67) Ethyl Benzene	11.593	91	832118	204.494	ug/l	96
68) m/p-Xylenes	11.703	106	1820640	1117.006	ug/l	89
69) o-Xylene	12.032	106	2029013	1293.036	ug/l	88
73) Isopropylbenzene	12.337	105	1975605	175.899	ug/l	97
78) n-propylbenzene	12.672	91	3580275	265.759	ug/l	94
80) 1,3,5-Trimethylbenzene	12.825	105	6139421	658.547	ug/l	93
83) tert-Butylbenzene	13.081	119	220774	27.280	ug/l	88
84) 1,2,4-Trimethylbenzene	13.129	105	14153742	1530.127	ug/l	83
85) sec-Butylbenzene	13.258	105	2233873	182.900	ug/l #	65
86) p-Isopropyltoluene	13.373	119	2238735	218.870	ug/l	96
89) n-Butylbenzene	13.703	91	645606	69.542	ug/l #	68
95) Naphthalene	15.239	128	386778	62.858	ug/l	99

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

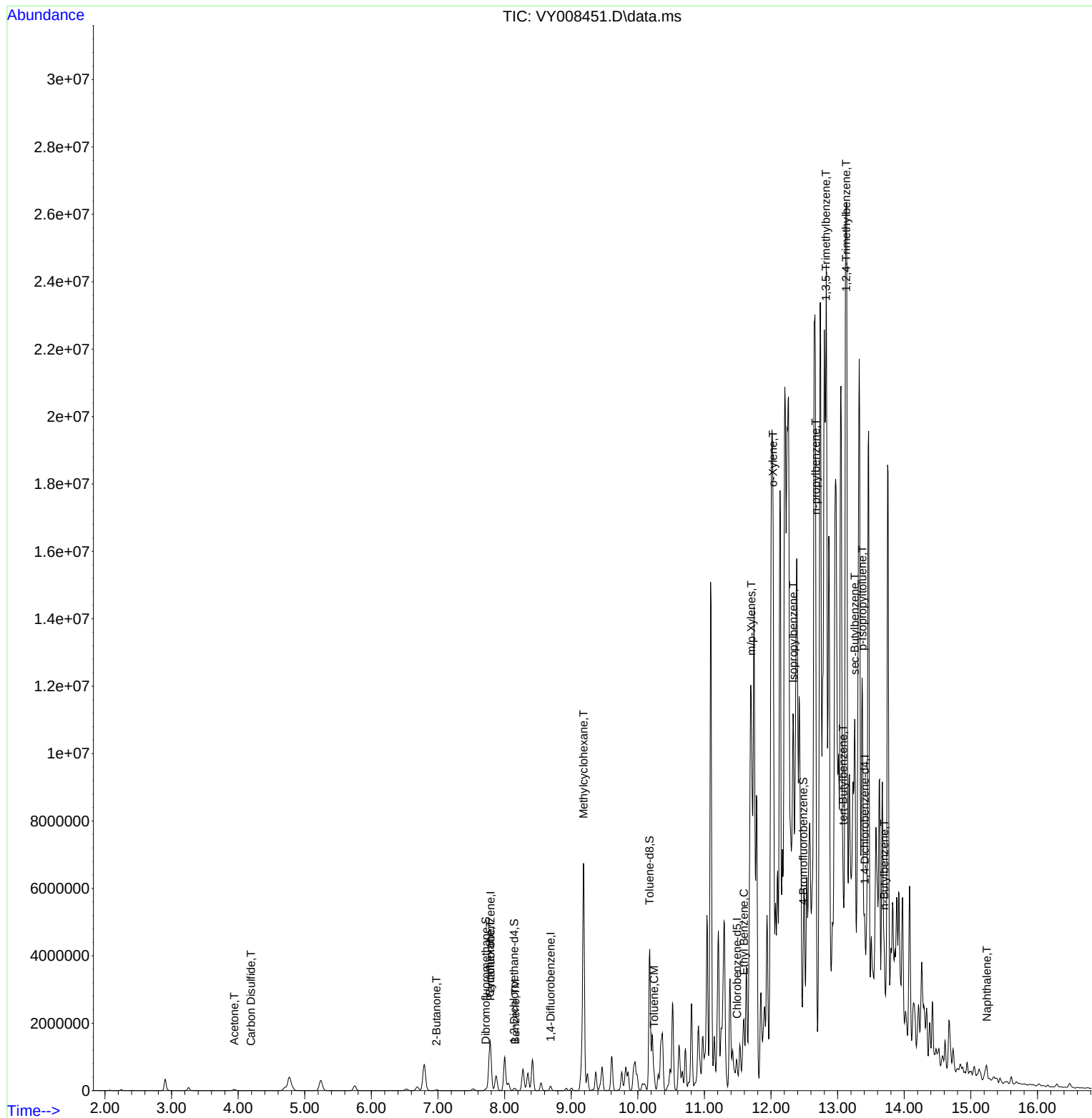
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
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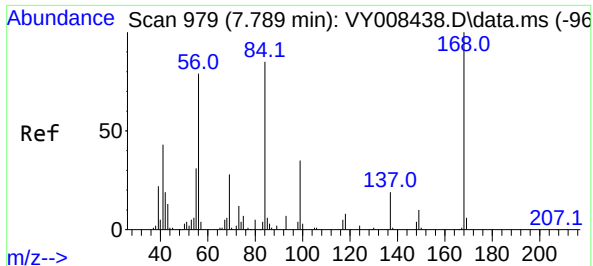
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1

Quant Time: Apr 22 05:27:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

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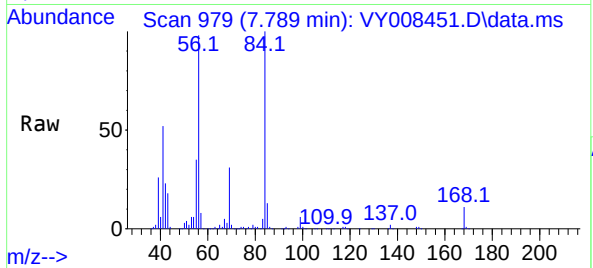
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

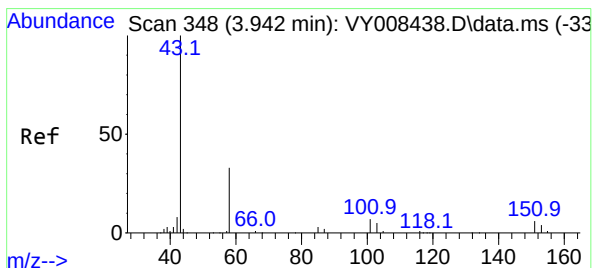
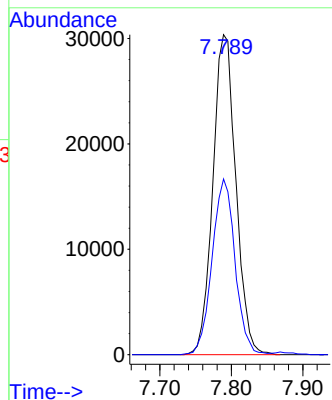
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



Tgt Ion:168 Resp: 6779
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3

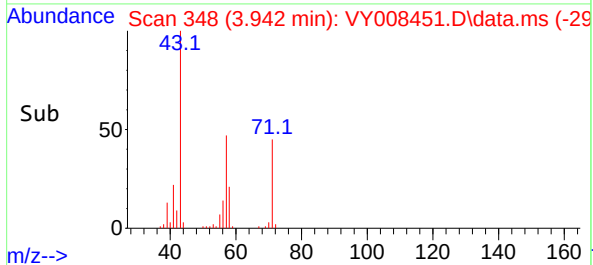
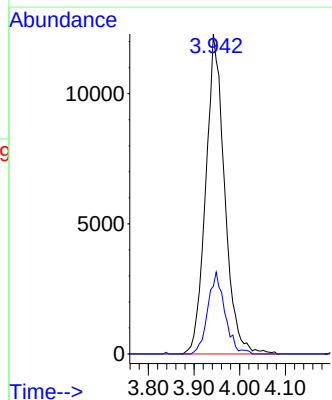
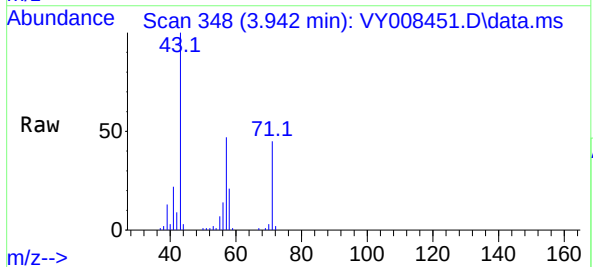
Manual Integrations
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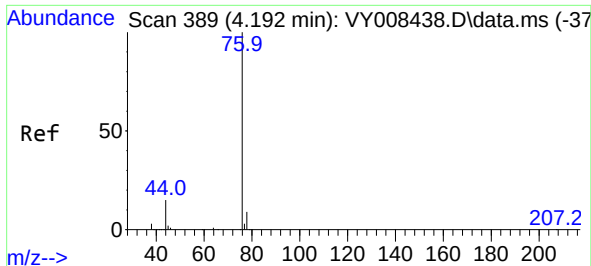
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#16
Acetone
Concen: 189.835 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

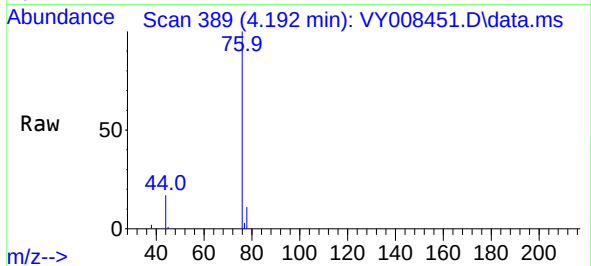
Tgt Ion: 43 Resp: 35272
Ion Ratio Lower Upper
43 100
58 21.1 22.0 33.0#





#17
Carbon Disulfide
Concen: 7.866 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

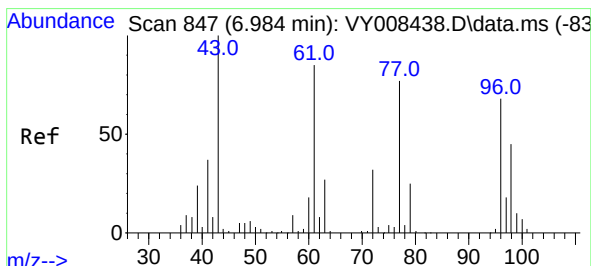
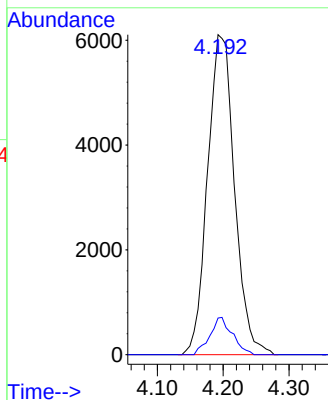
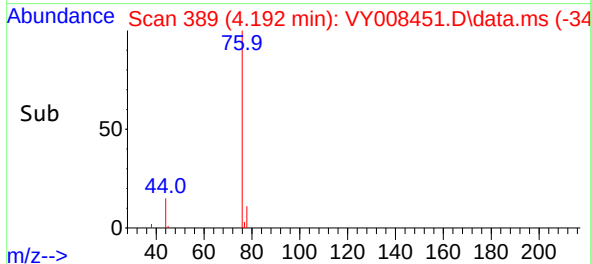
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



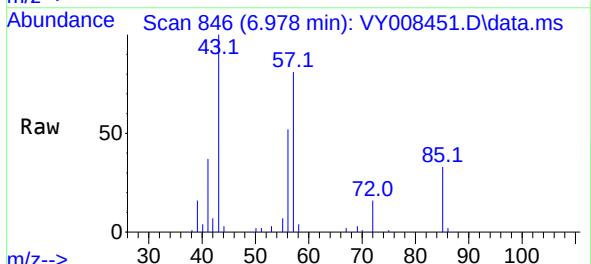
Tgt Ion: 76 Resp: 17429
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0

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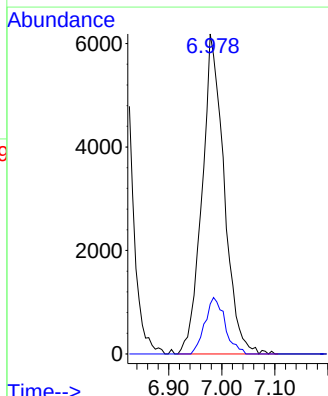
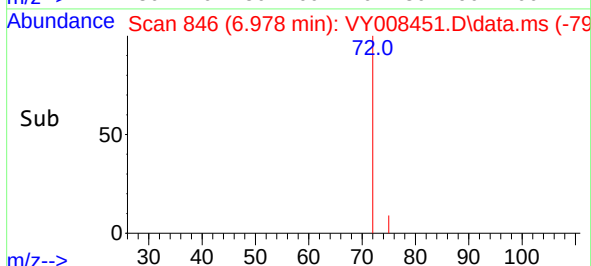
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

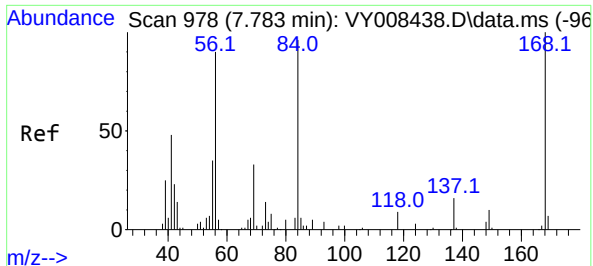


#25
2-Butanone
Concen: 62.153 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



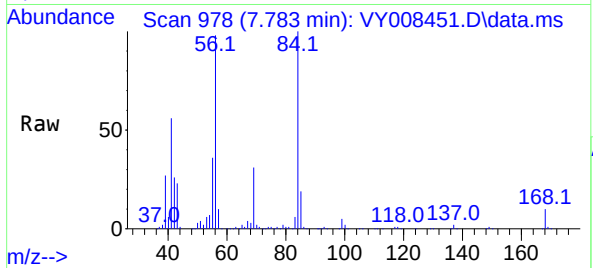
Tgt Ion: 43 Resp: 17866
Ion Ratio Lower Upper
43 100
72 15.6 17.7 26.5





#31
Cyclohexane
Concen: 560.208 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

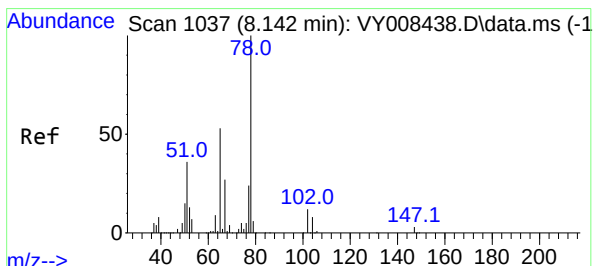
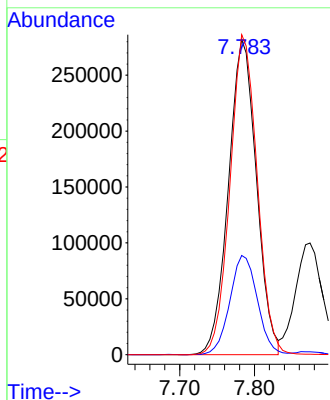
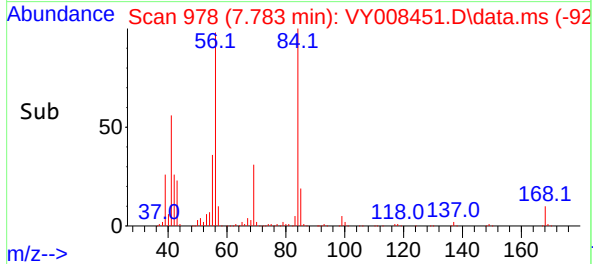
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



Tgt Ion: 56 Resp: 734664
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 101.5 67.2 100.8

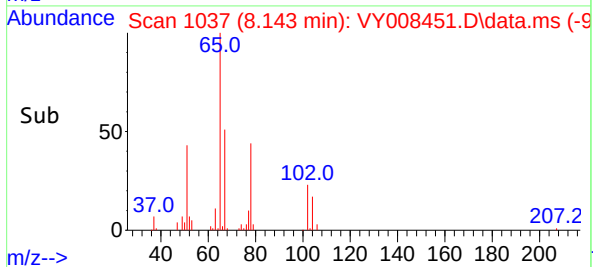
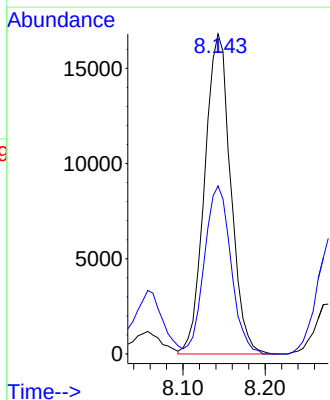
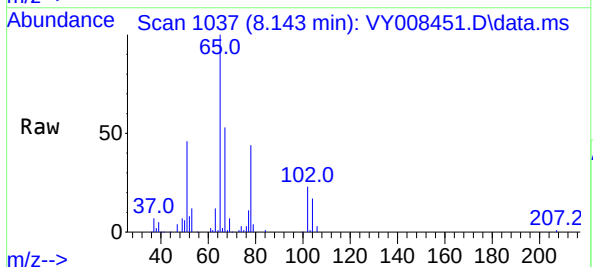
Manual Integrations
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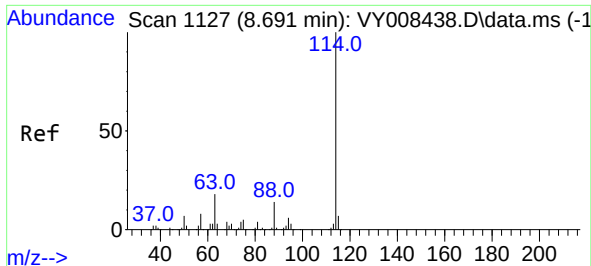
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#33
1,2-Dichloroethane-d4
Concen: 46.314 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 65 Resp: 36945
Ion Ratio Lower Upper
65 100
67 53.6 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: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-1

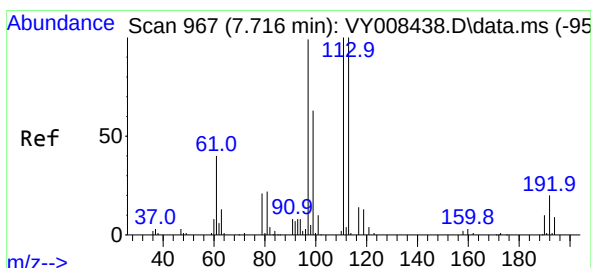
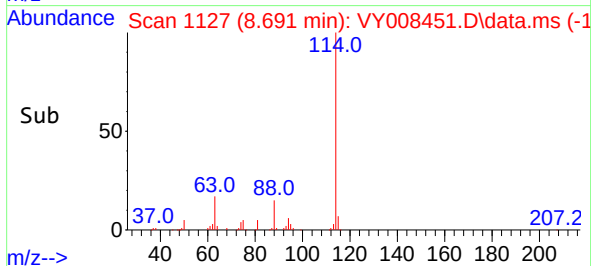
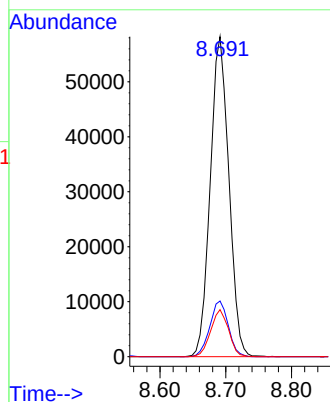
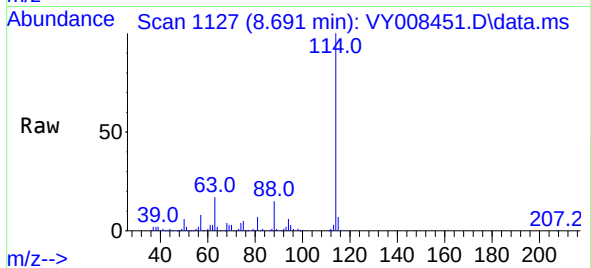
Tgt Ion:	114	Resp:	11451
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	43.2
88	14.7	0.0	31.8

Manual Integrations

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Reviewed By :Krupa Patel 04/22/2022

Supervised By :Semsettin Yesilyurt 04/22/2022



#35

Dibromofluoromethane

Concen: 48.119 ug/l

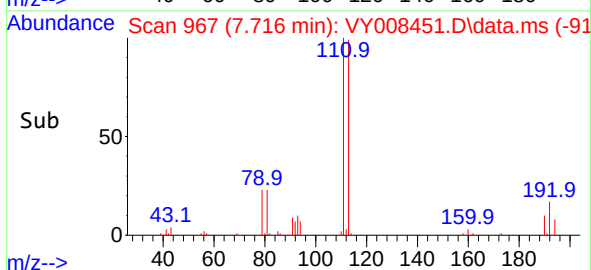
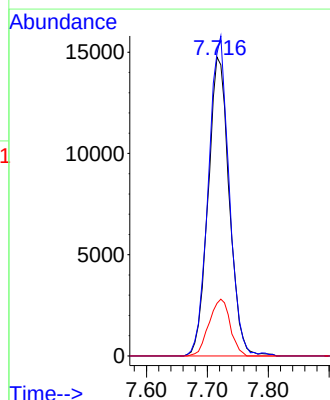
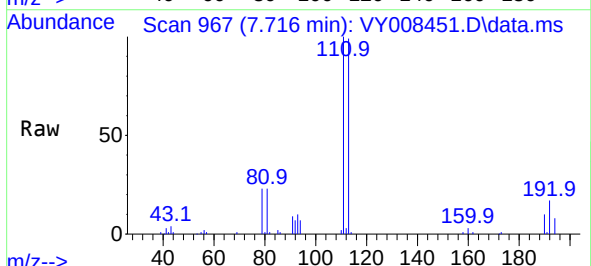
RT: 7.716 min Scan# 967

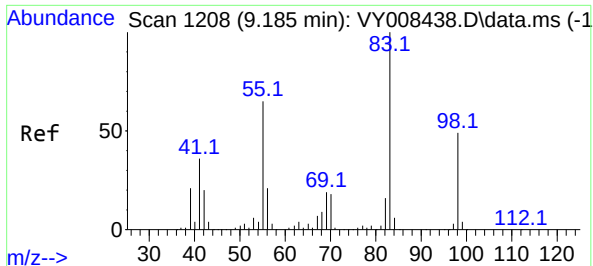
Delta R.T. -0.000 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Tgt Ion:	113	Resp:	35563
Ion Ratio	Lower	Upper	
113	100		
111	104.8	82.6	124.0
192	19.0	17.6	26.4





#39

Methylcyclohexane

Concen: 2036.693 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-1

Tgt Ion: 83 Resp: 3065720

Ion Ratio Lower Upper

83 100

55 58.1 66.5 99.7

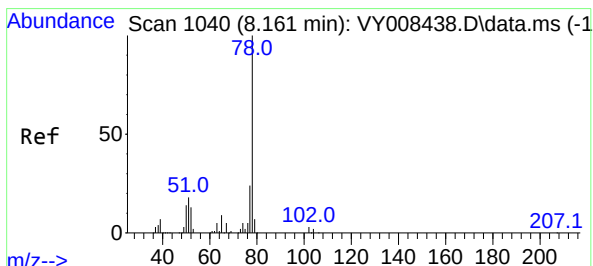
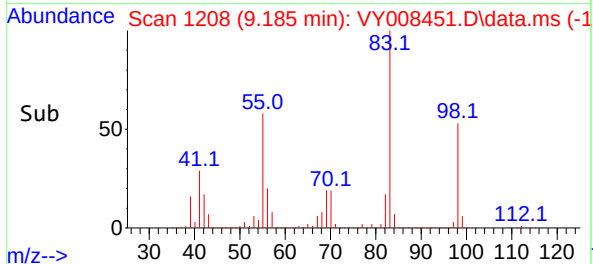
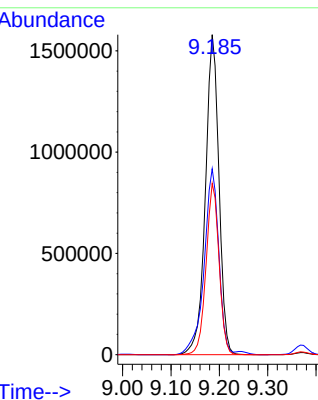
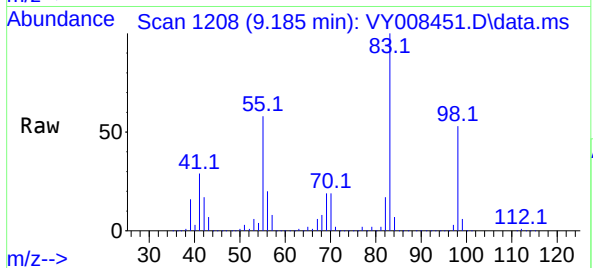
98 53.5 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/22/2022

Supervised By :Semsettin Yesilyurt 04/22/2022



#40

Benzene

Concen: 11.151 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008451.D

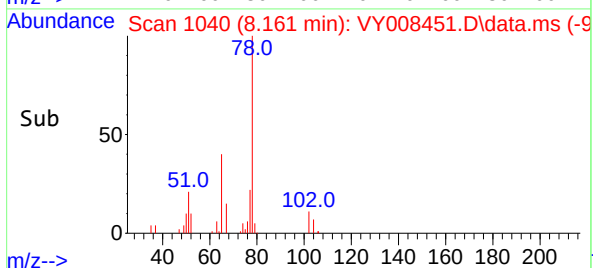
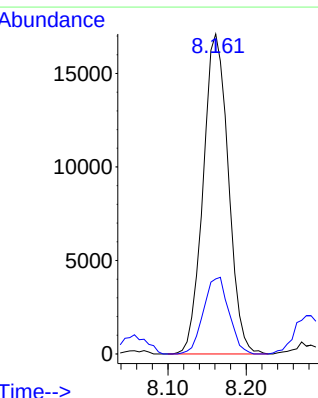
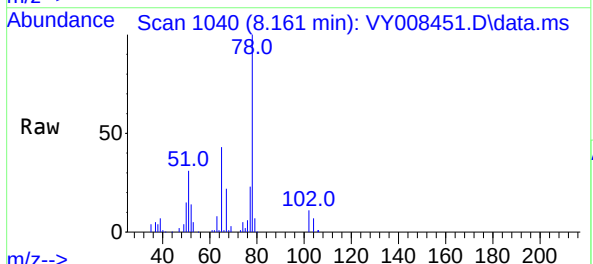
Acq: 21 Apr 2022 19:22

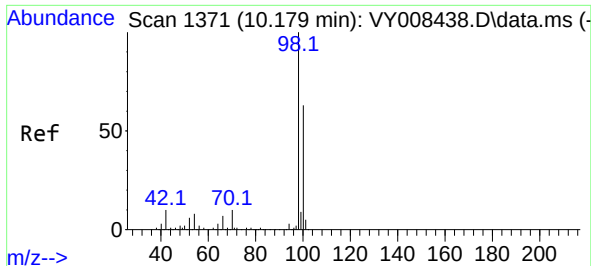
Tgt Ion: 78 Resp: 38247

Ion Ratio Lower Upper

78 100

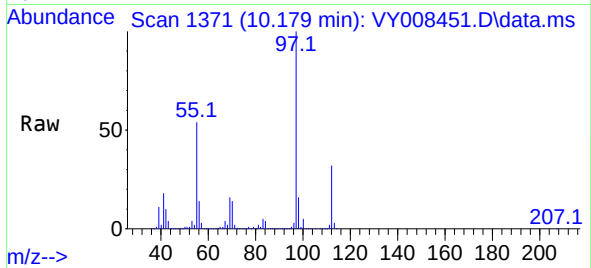
77 23.4 20.4 30.6





#50
Toluene-d8
Concen: 126.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

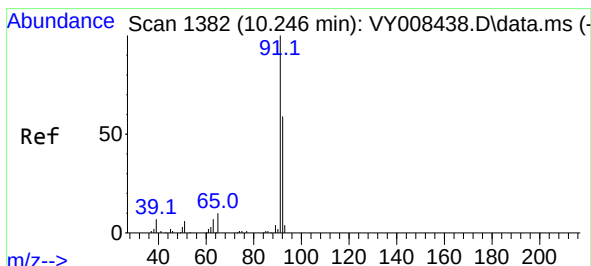
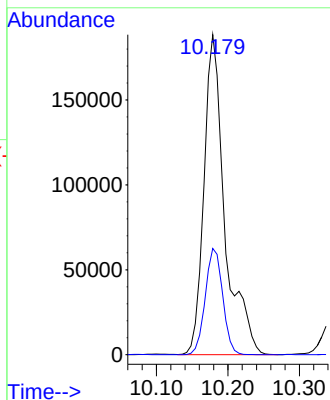
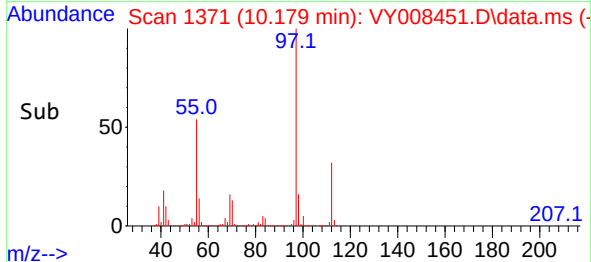
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



Tgt Ion: 98 Resp: 38199
Ion Ratio Lower Upper
98 100
100 27.7 50.2 75.2

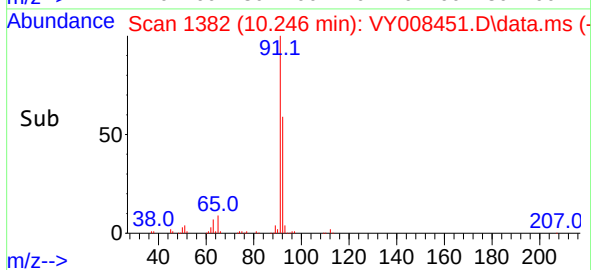
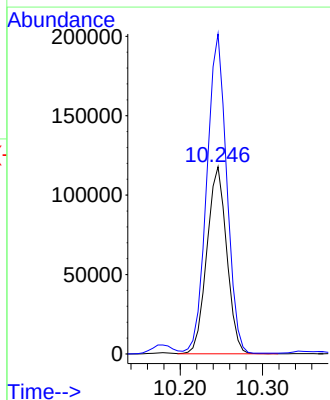
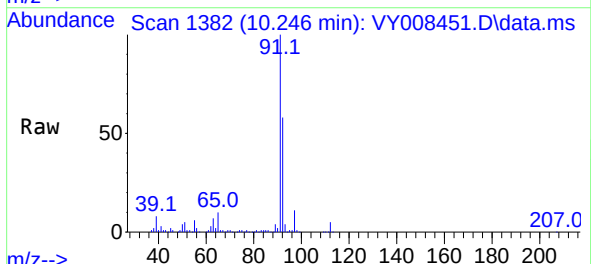
Manual Integrations
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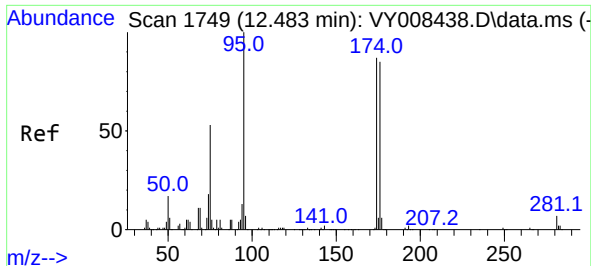
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#52
Toluene
Concen: 86.843 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

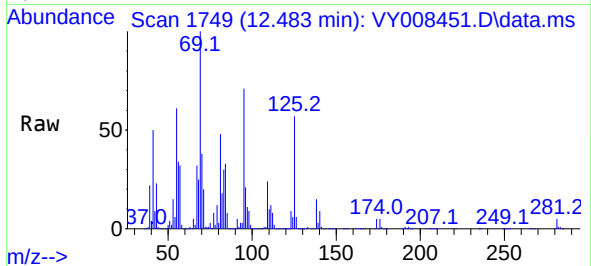
Tgt Ion: 92 Resp: 196974
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 489.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

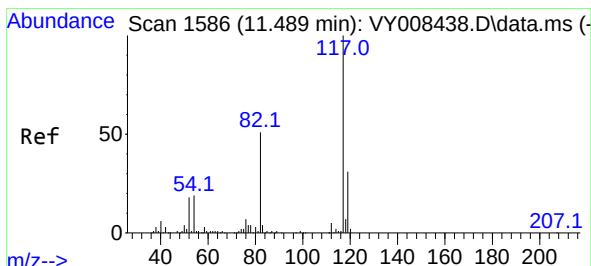
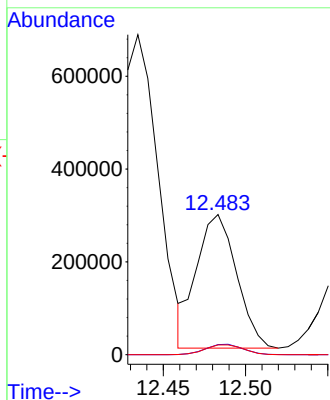
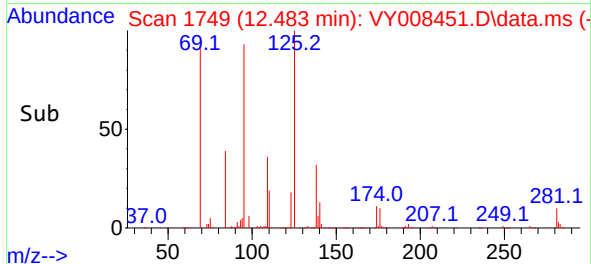
Instrument :
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WC-15-1-1



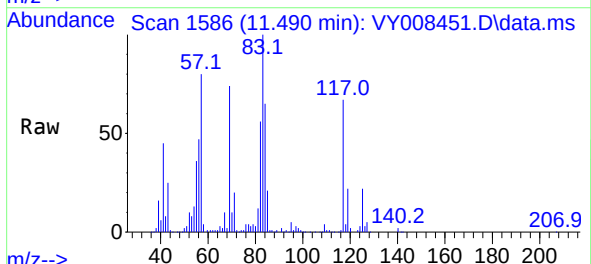
Tgt Ion: 95 Resp: 486969
Ion Ratio Lower Upper
95 100
174 7.3 0.0 177.0
176 7.1 0.0 175.8

Manual Integrations
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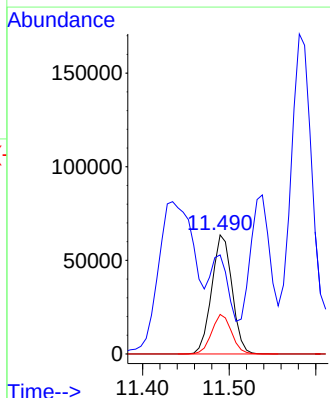
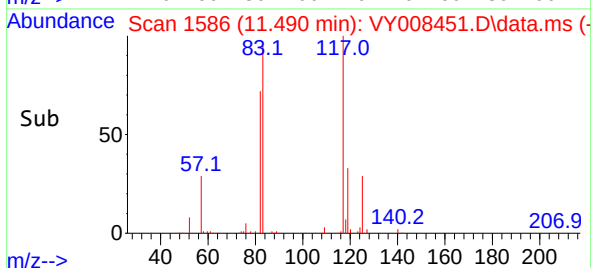
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

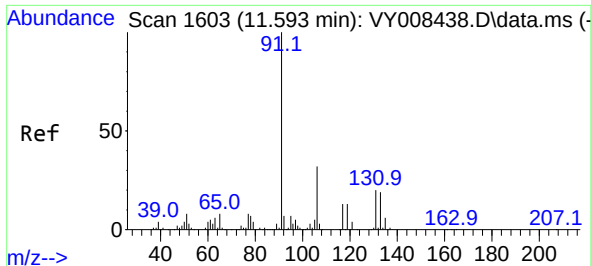


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



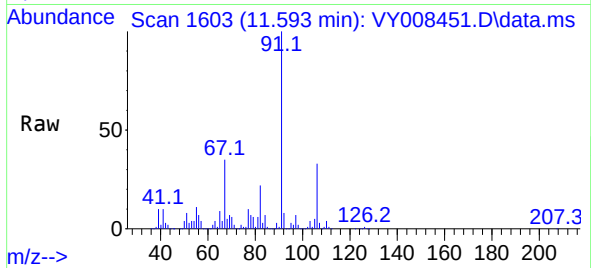
Tgt Ion:117 Resp: 103694
Ion Ratio Lower Upper
117 100
82 42.9 43.0 64.4#
119 33.1 25.4 38.0





#67
Ethyl Benzene
Concen: 204.494 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

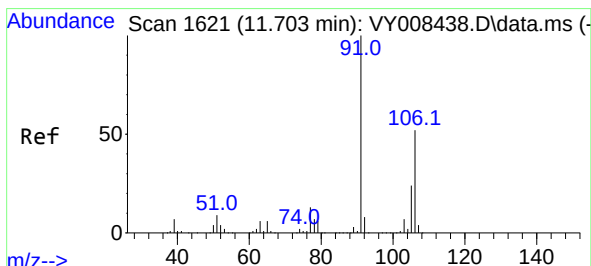
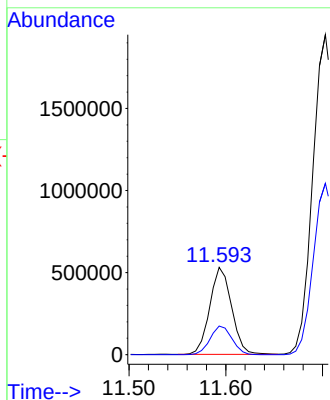
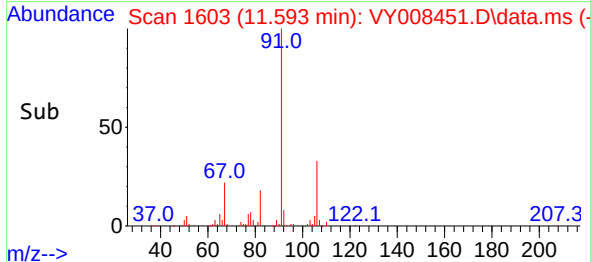
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



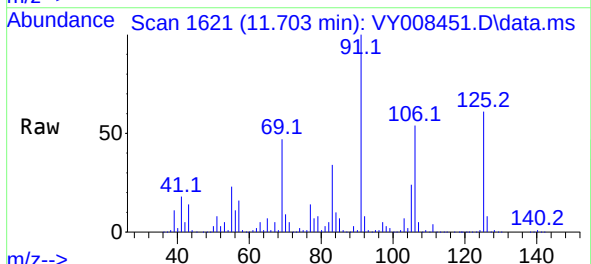
Tgt Ion: 91 Resp: 832118
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7

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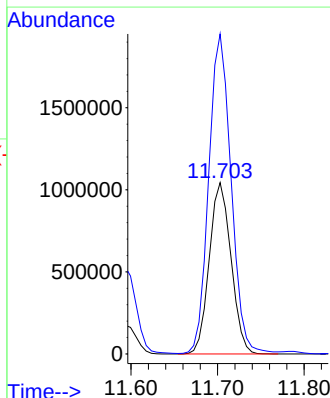
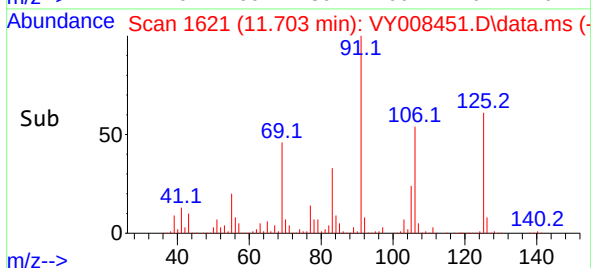
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

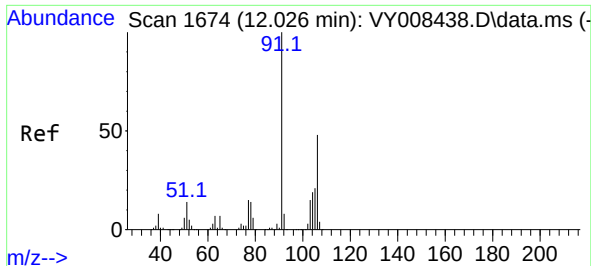


#68
m/p-Xylenes
Concen: 1117.006 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



Tgt Ion:106 Resp: 1820640
Ion Ratio Lower Upper
106 100
91 191.2 166.6 249.8





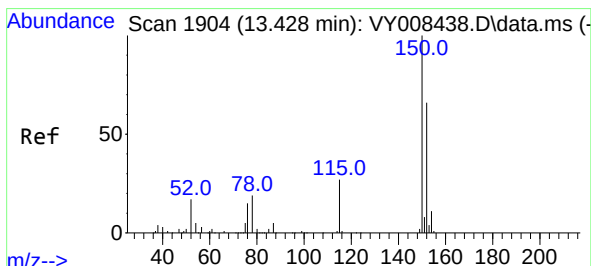
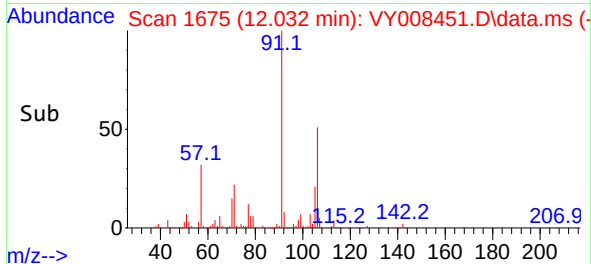
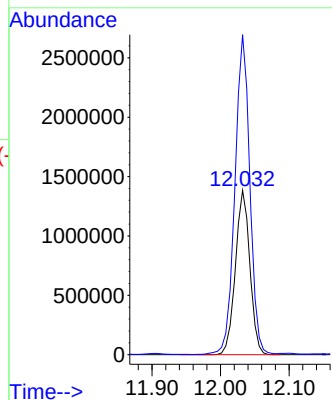
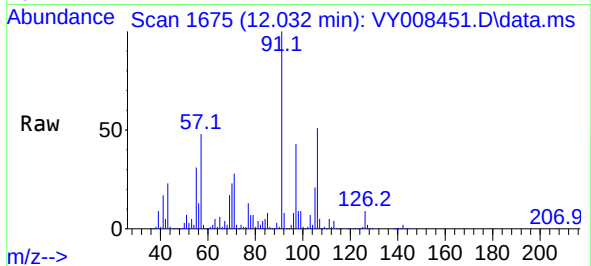
#69
o-Xylene
Concen: 1293.036 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

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

Tgt Ion:106 Resp: 202901
Ion Ratio Lower Upper
106 100
91 200.7 110.3 331.0

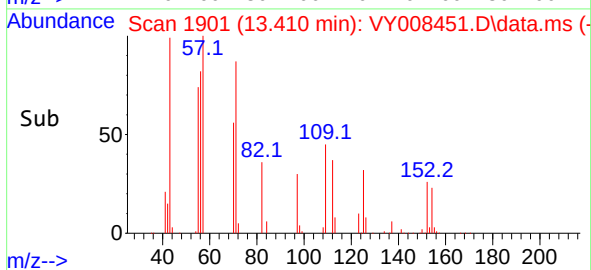
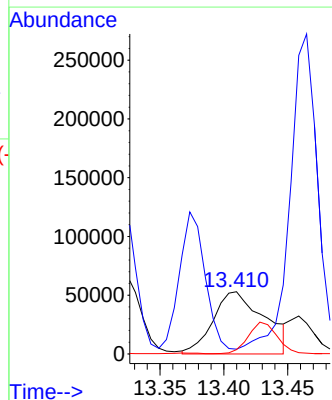
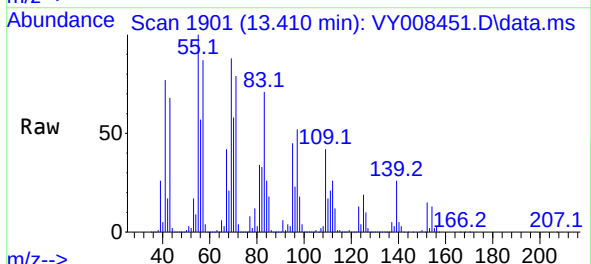
Manual Integrations
APPROVED

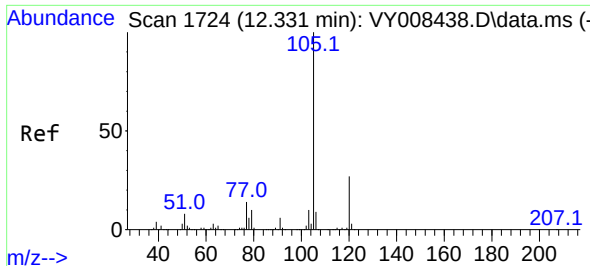
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.410 min Scan# 1901
Delta R.T. -0.018 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

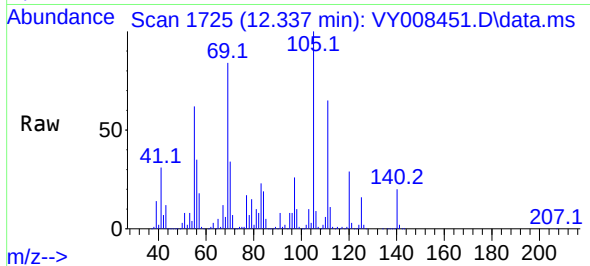
Tgt Ion:152 Resp: 148135
Ion Ratio Lower Upper
152 100
115 29.4 28.2 84.7
150 1.0 0.0 347.6





#73
Isopropylbenzene
Concen: 175.899 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

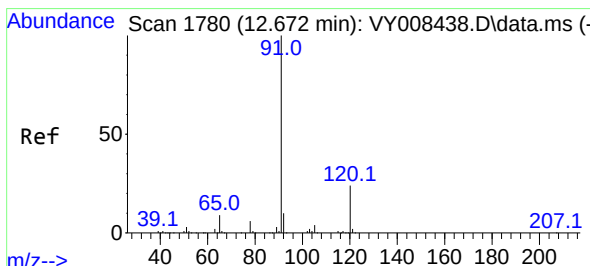
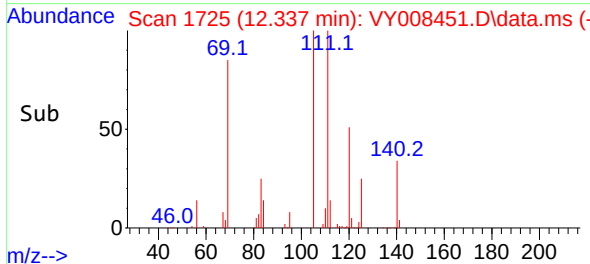
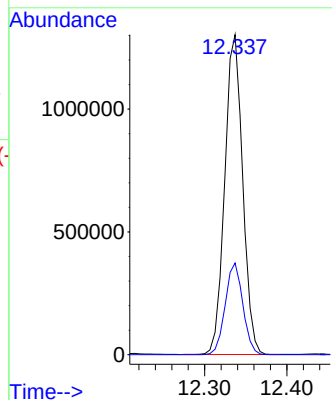
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



Tgt Ion:105 Resp: 1975609
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.2

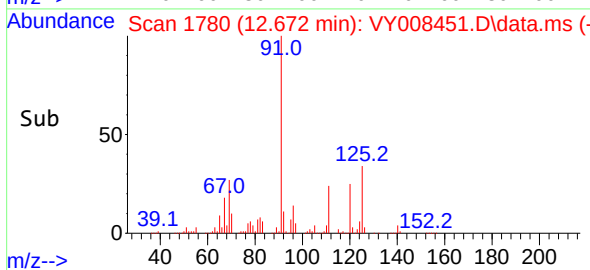
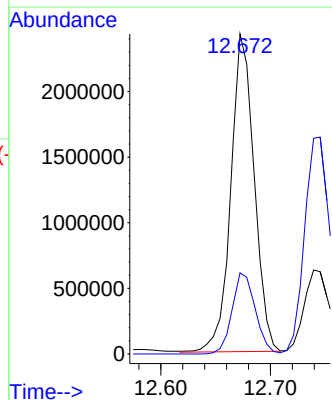
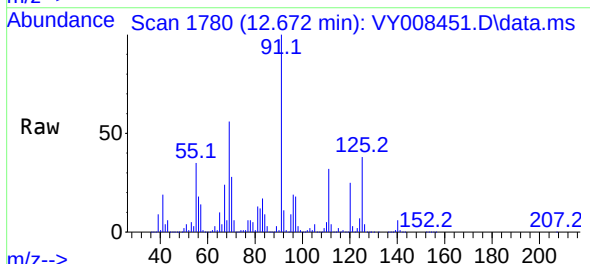
Manual Integrations
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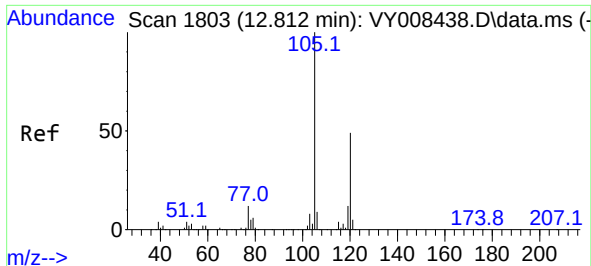
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#78
n-propylbenzene
Concen: 265.759 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

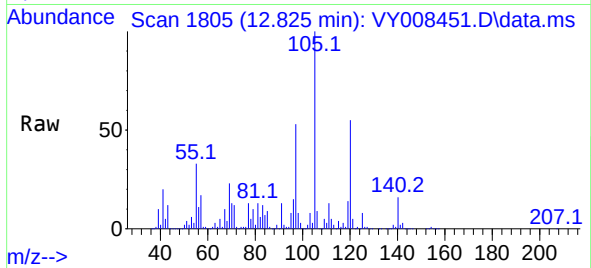
Tgt Ion: 91 Resp: 3580275
Ion Ratio Lower Upper
91 100
120 25.4 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 658.547 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.013 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

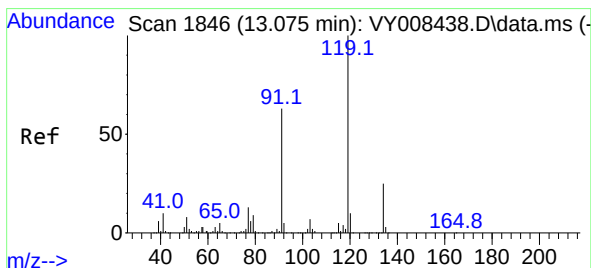
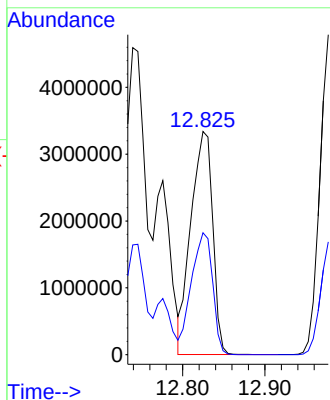
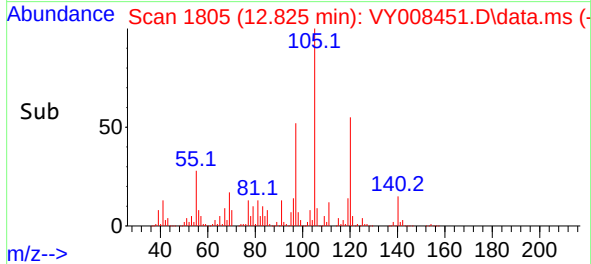
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



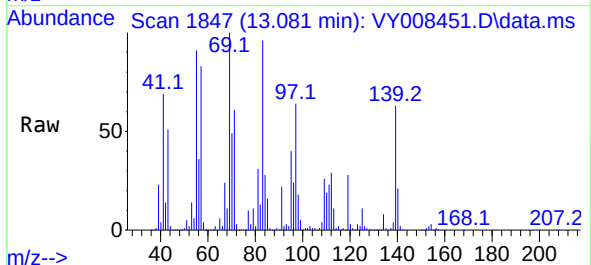
Tgt Ion:105 Resp: 613942
Ion Ratio Lower Upper
105 100
120 53.5 24.4 73.4

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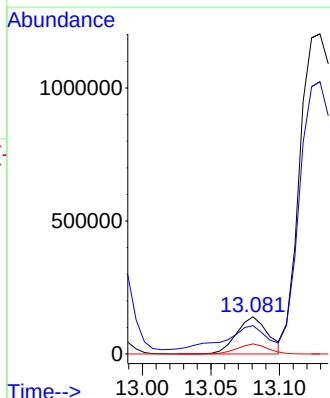
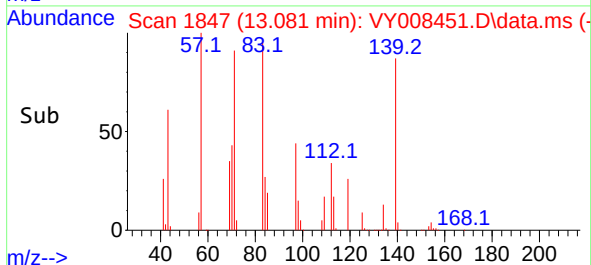
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

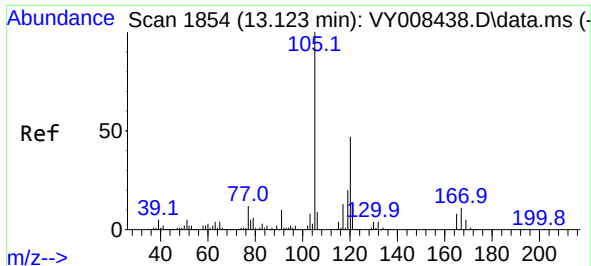


#83
tert-Butylbenzene
Concen: 27.280 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



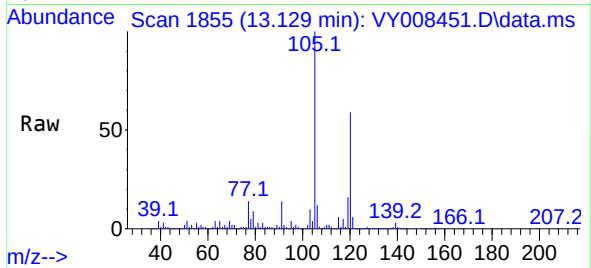
Tgt Ion:119 Resp: 220774
Ion Ratio Lower Upper
119 100
91 82.4 34.8 104.4
134 26.0 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 1530.127 ug/l
RT: 13.129 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

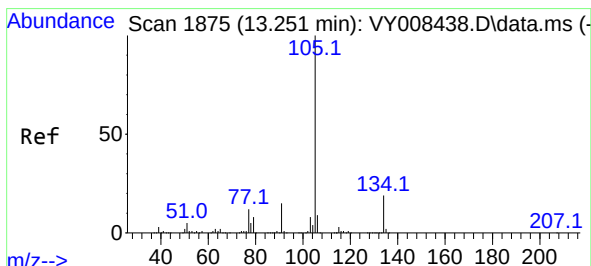
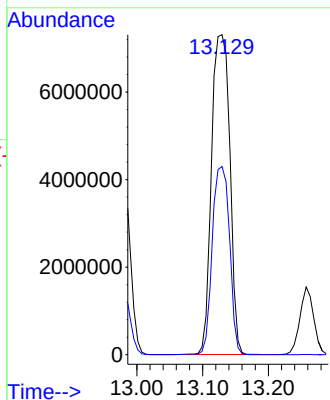
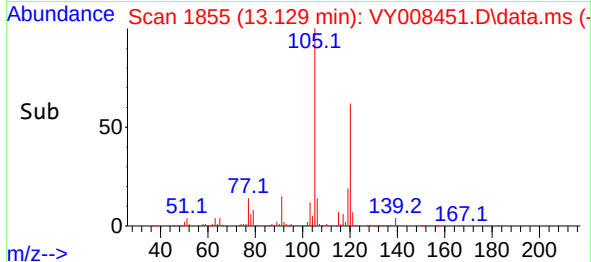
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



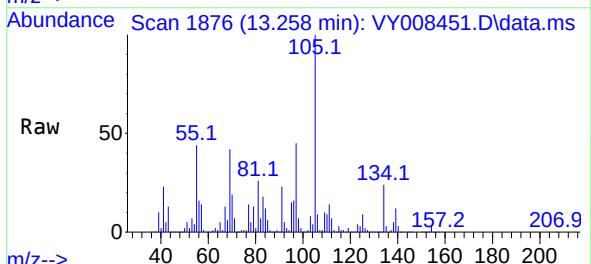
Tgt Ion:105 Resp:1415374
Ion Ratio Lower Upper
105 100
120 55.6 22.3 66.9

Manual Integrations
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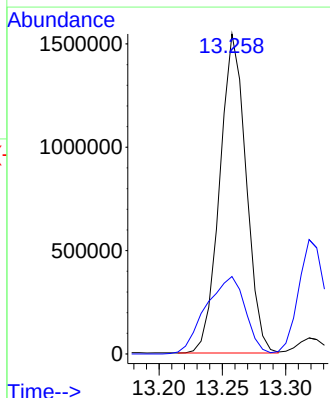
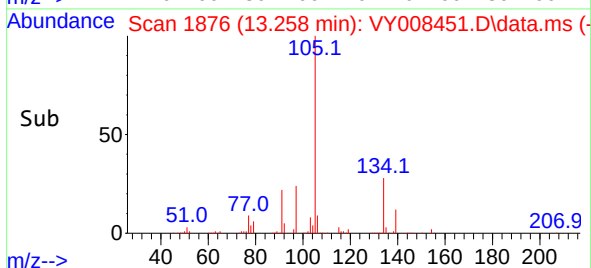
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

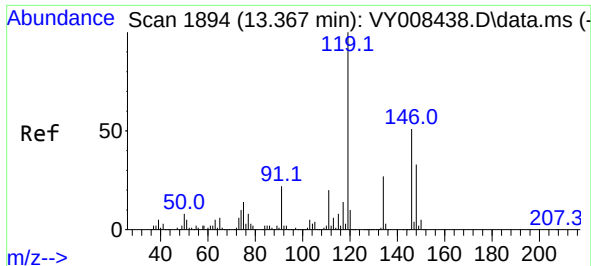


#85
sec-Butylbenzene
Concen: 182.900 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.007 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



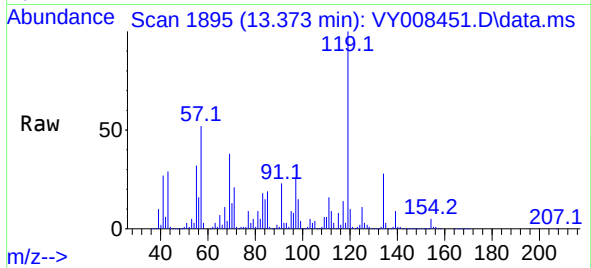
Tgt Ion:105 Resp: 2233873
Ion Ratio Lower Upper
105 100
134 36.3 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 218.870 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

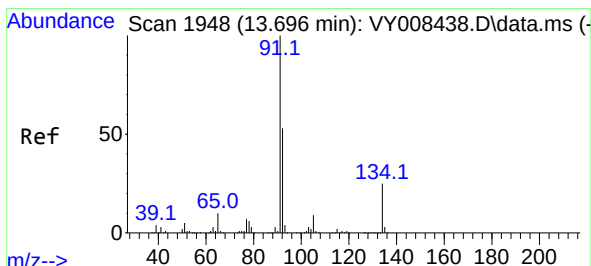
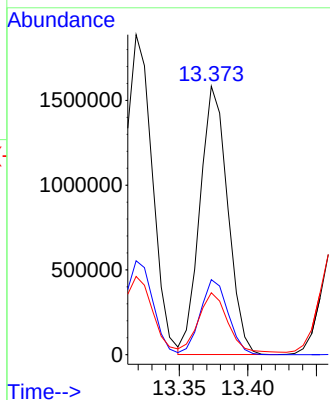
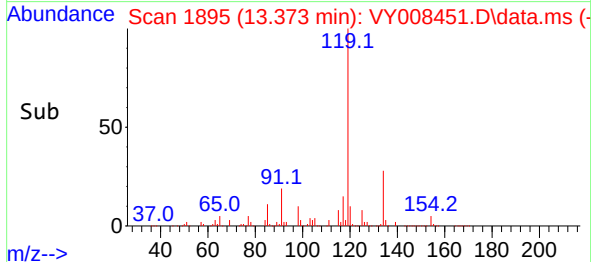
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-1



Tgt Ion:119 Resp: 223873
Ion Ratio Lower Upper
119 100
134 27.9 13.2 39.5
91 22.6 12.4 37.2

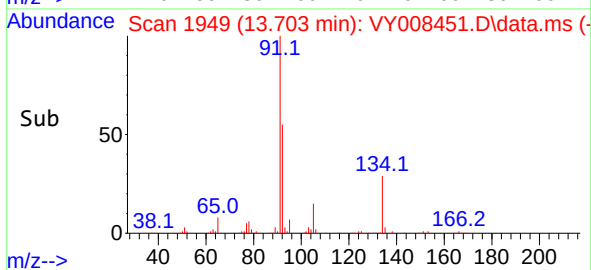
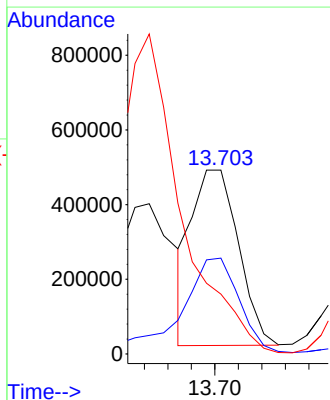
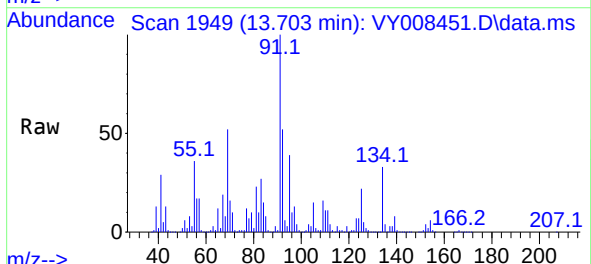
Manual Integrations
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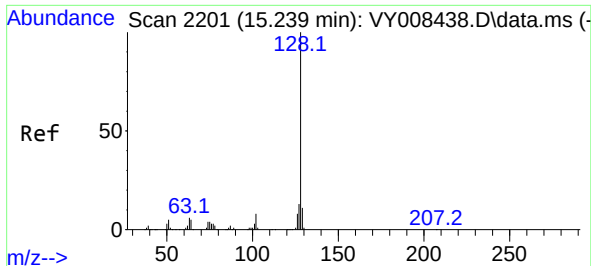
Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#89
n-Butylbenzene
Concen: 69.542 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

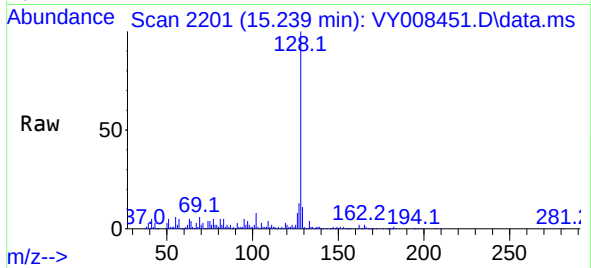
Tgt Ion: 91 Resp: 645606
Ion Ratio Lower Upper
91 100
92 68.6 26.3 78.9
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 62.858 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

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



Tgt Ion:128 Resp: 386778
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.1 8.4 12.6

Manual Integrations
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Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

