

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008430.D
 Acq On : 20 Apr 2022 19:49
 Operator : KP/MD
 Sample : N2452-13
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-5

Quant Time: Apr 21 02:42:30 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 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116458	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.300	152	161569	50.000	ug/l	-0.13
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57555	43.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.320%		
35) Dibromofluoromethane	7.716	113	66180	53.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.220%		
50) Toluene-d8	10.179	98	456370	107.037	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	214.080%#		
62) 4-Bromofluorobenzene	12.477	95	307123	191.513	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	383.020%#		
Target Compounds					Qvalue	
16) Acetone	3.948	43	41718	130.070	ug/l #	85
17) Carbon Disulfide	4.192	76	18469	5.000	ug/l	98
25) 2-Butanone	6.984	43	18240	36.369	ug/l #	83
31) Cyclohexane	7.783	56	240319	99.662	ug/l #	79
39) Methylcyclohexane	9.185	83	1915143	748.073	ug/l #	80
40) Benzene	8.161	78	8290	1.399	ug/l	96
52) Toluene	10.246	92	54828	14.045	ug/l	96
65) Chlorobenzene	11.514	112	42960	17.010	ug/l	96
67) Ethyl Benzene	11.593	91	759919	176.935	ug/l	95
68) m/p-Xylenes	11.703	106	2474218	1448.517	ug/l	87
69) o-Xylene	12.032	106	1116801	673.752	ug/l	90
73) Isopropylbenzene	12.331	105	1568740	130.594	ug/l	98
78) n-propylbenzene	12.672	91	1563242	110.284	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	4086815	414.904	ug/l	96
83) tert-Butylbenzene	13.075	119	151002	17.088	ug/l	80
84) 1,2,4-Trimethylbenzene	13.123	105	8223410	843.607	ug/l	89
85) sec-Butylbenzene	13.258	105	1472373	112.390	ug/l #	68
86) p-Isopropyltoluene	13.373	119	715858	65.482	ug/l	98
89) n-Butylbenzene	13.696	91	474348m	48.025	ug/l	

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

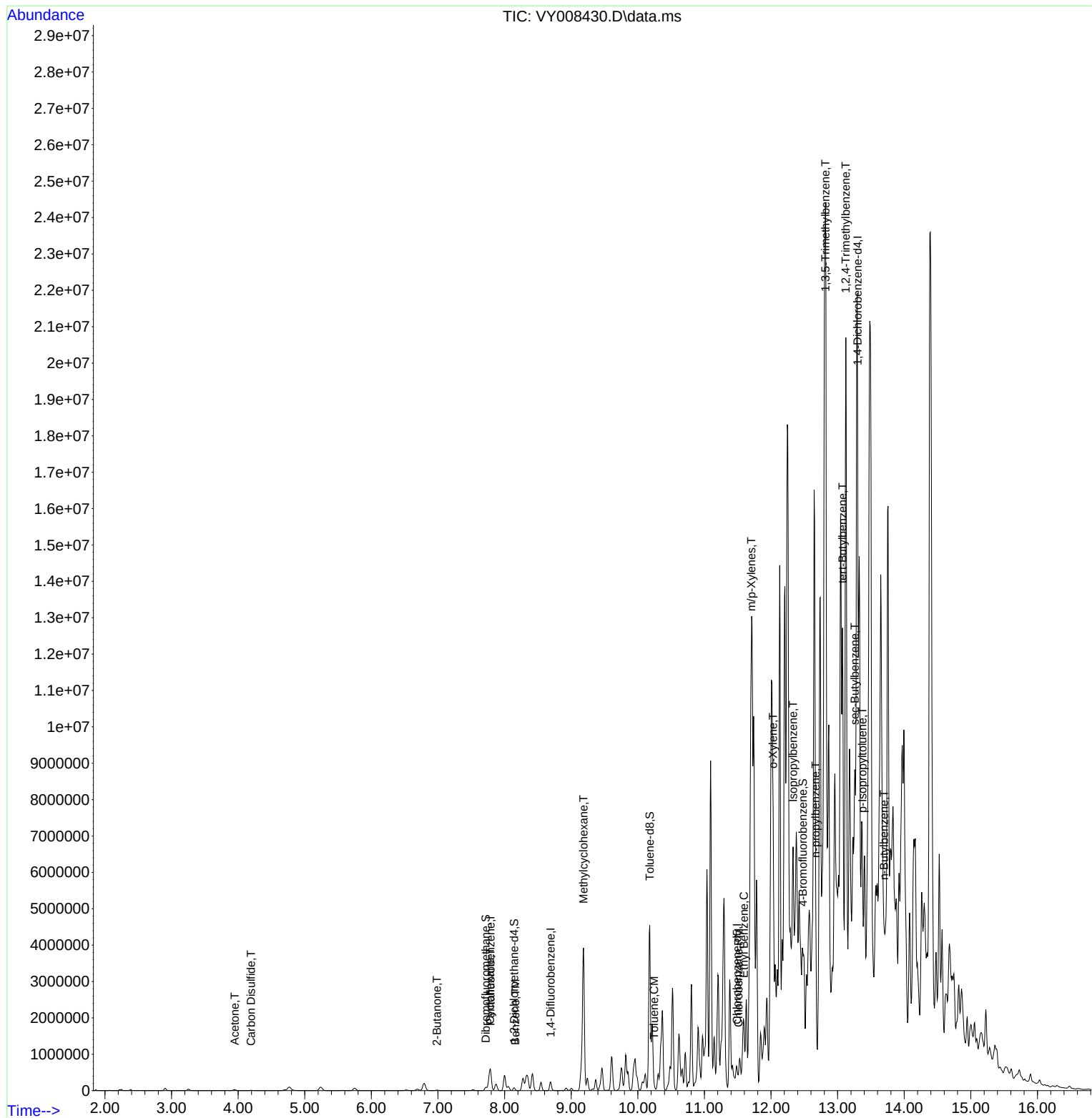
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008430.D
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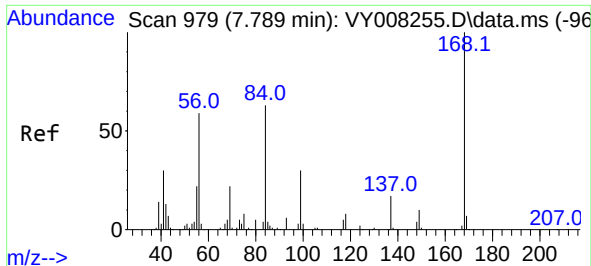
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5

Quant Time: Apr 21 02:42:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
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APPROVED

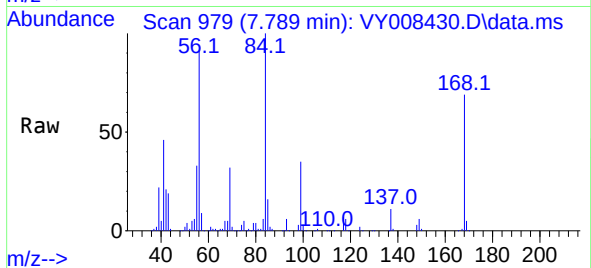
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

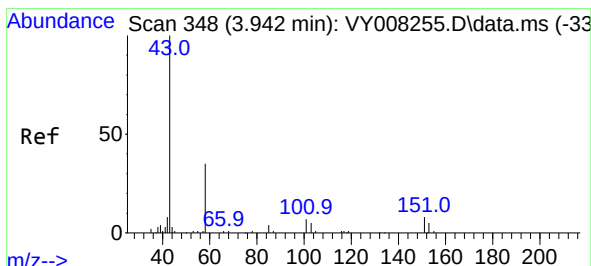
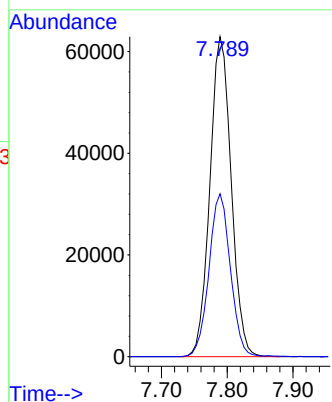
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



Tgt Ion:168 Resp: 141962
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3

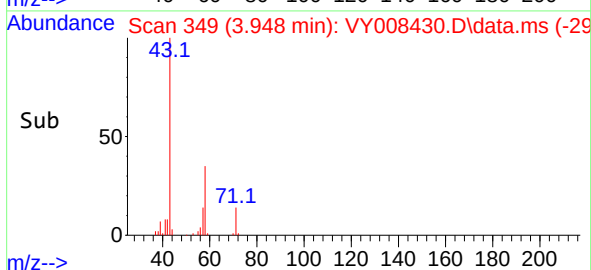
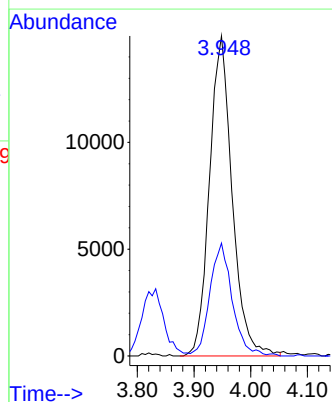
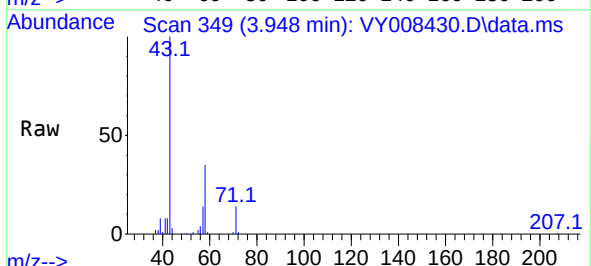
Manual Integrations
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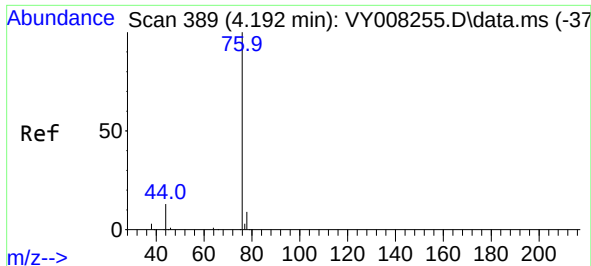
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 130.070 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

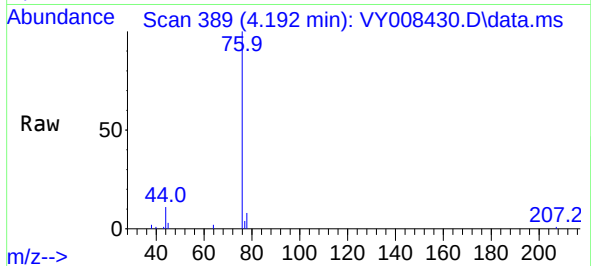
Tgt Ion: 43 Resp: 41718
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 5.000 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

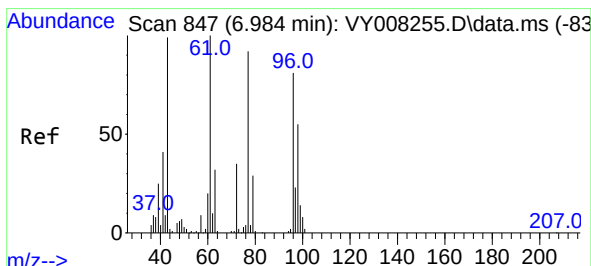
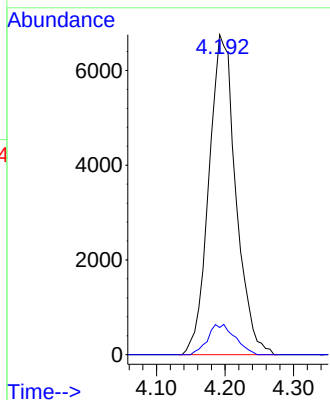
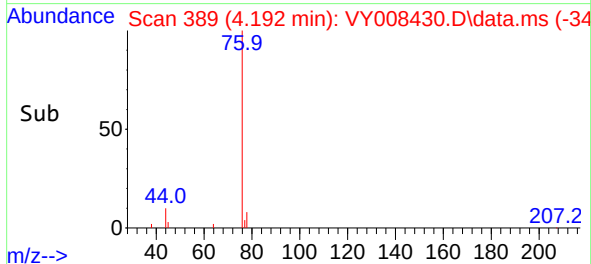
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



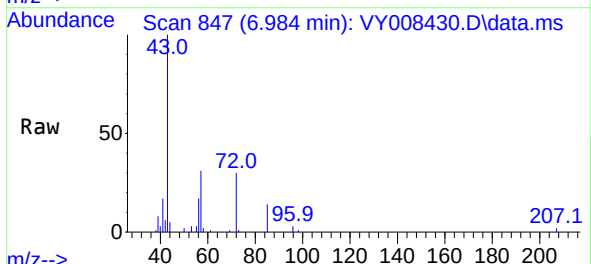
Tgt Ion: 76 Resp: 18469
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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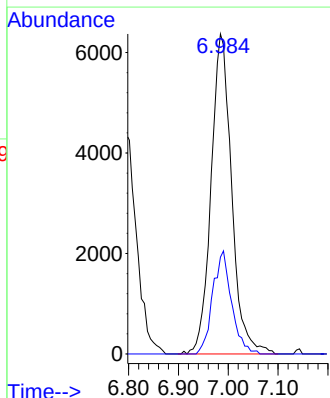
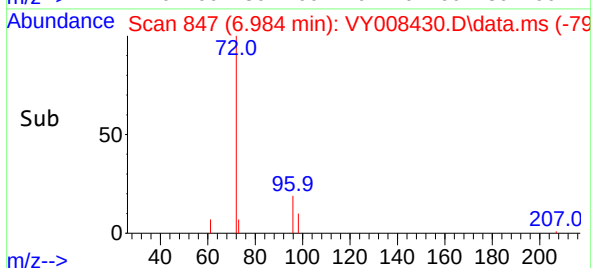
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

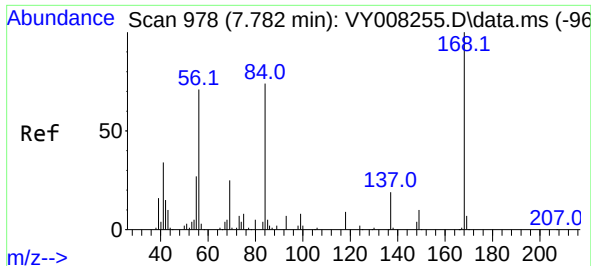


#25
2-Butanone
Concen: 36.369 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



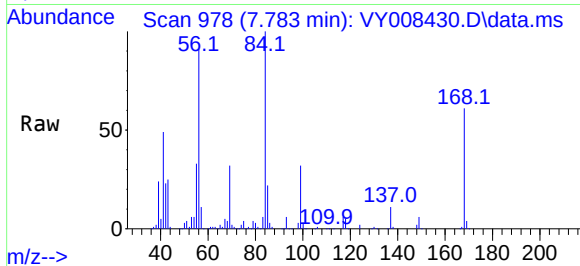
Tgt Ion: 43 Resp: 18240
Ion Ratio Lower Upper
43 100
72 30.3 17.7 26.5#





#31
Cyclohexane
Concen: 99.662 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

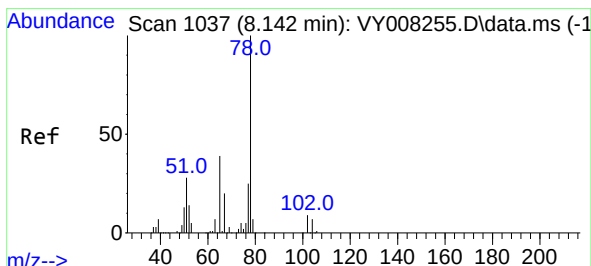
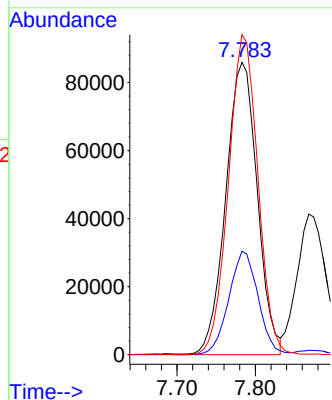
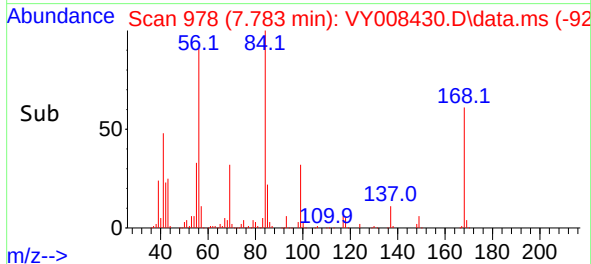
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



Tgt Ion: 56 Resp: 240319
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 109.5 67.2 100.8

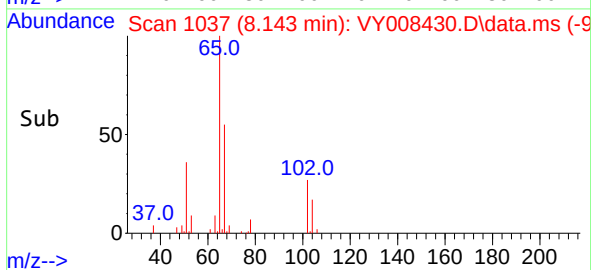
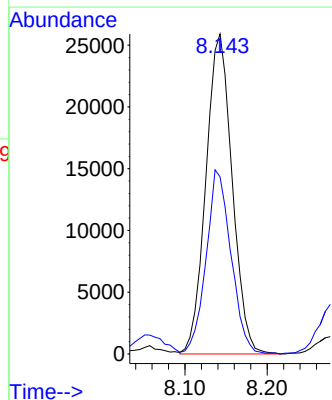
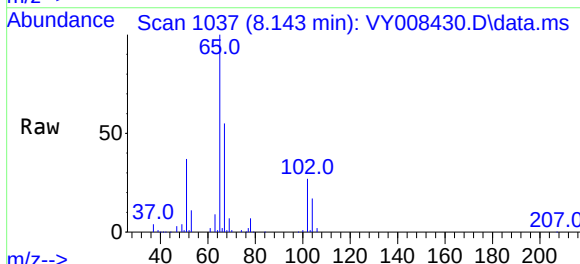
Manual Integrations
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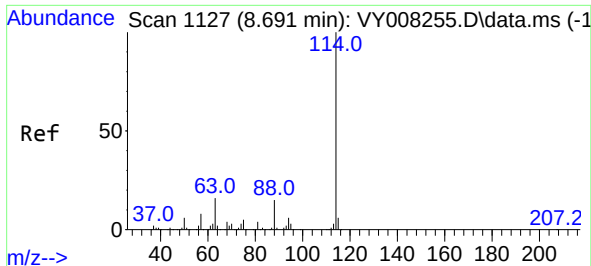
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 43.161 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

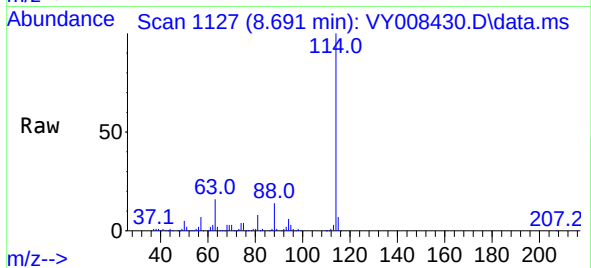
Tgt Ion: 65 Resp: 57555
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

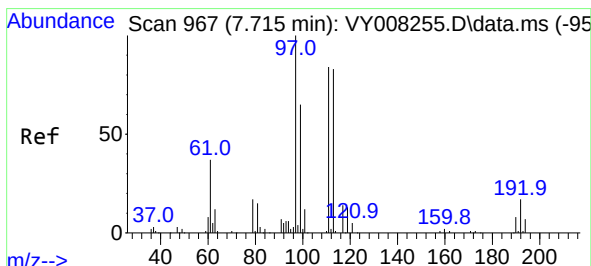
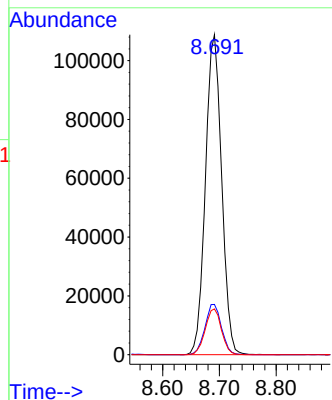
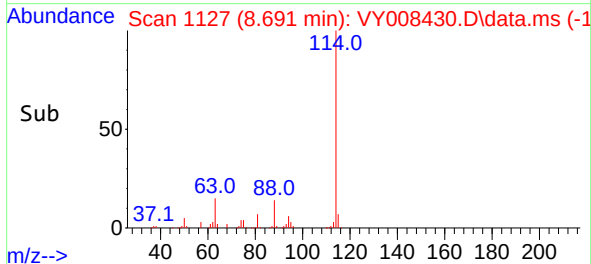
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



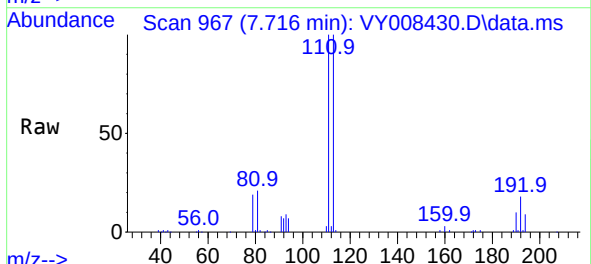
Tgt Ion:114 Resp: 21573
Ion Ratio Lower Upper
114 100
63 15.7 0.0 43.2
88 14.3 0.0 31.8

Manual Integrations
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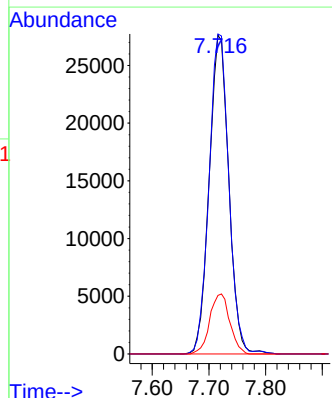
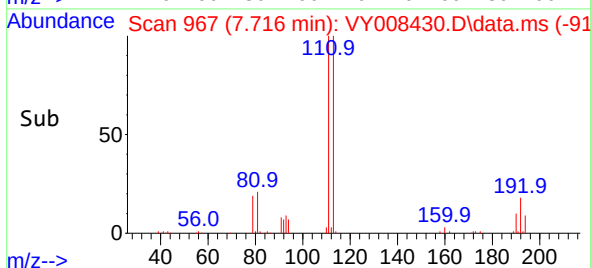
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

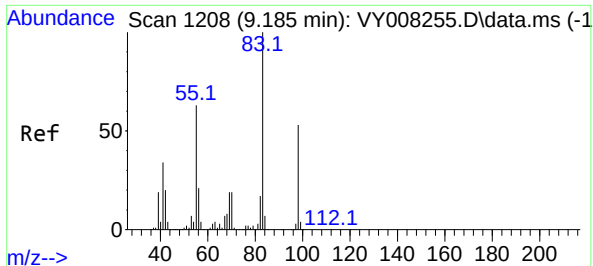


#35
Dibromofluoromethane
Concen: 53.113 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



Tgt Ion:113 Resp: 66180
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 19.3 17.6 26.4





#39

Methylcyclohexane

Concen: 748.073 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008430.D

Acq: 20 Apr 2022 19:49

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-5

Tgt Ion: 83 Resp: 191514

Ion Ratio Lower Upper

83 100

55 58.6 66.5 99.7

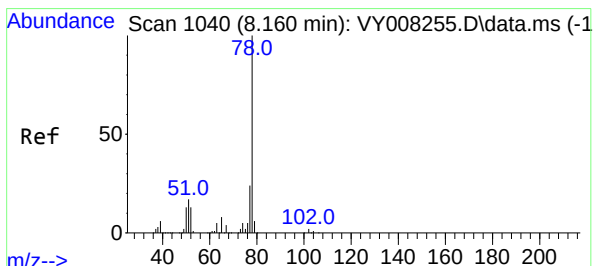
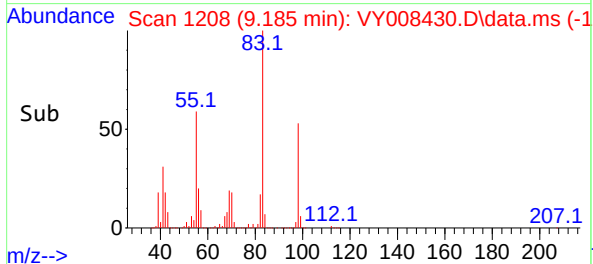
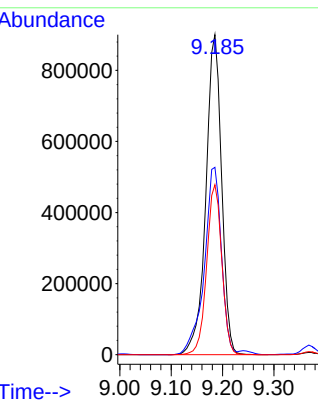
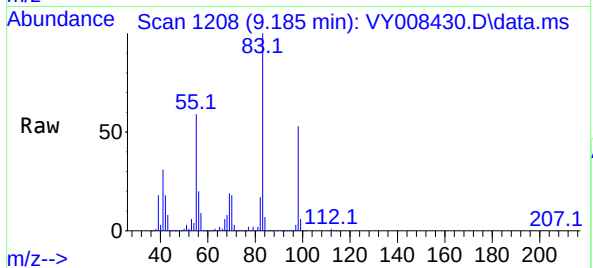
98 53.1 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#40

Benzene

Concen: 1.399 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008430.D

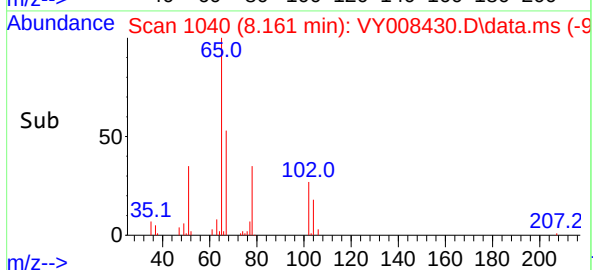
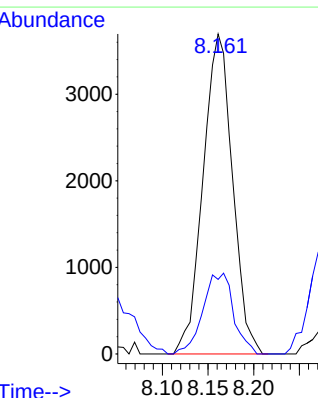
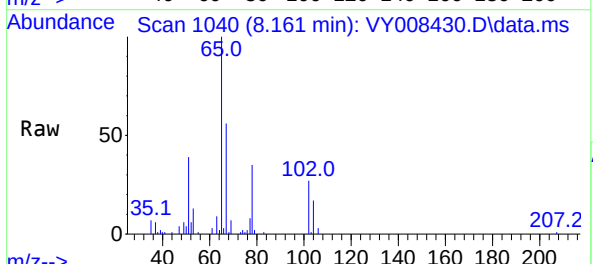
Acq: 20 Apr 2022 19:49

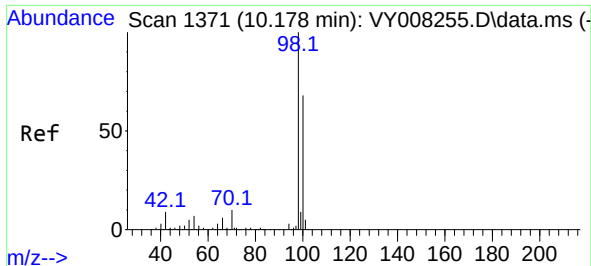
Tgt Ion: 78 Resp: 8290

Ion Ratio Lower Upper

78 100

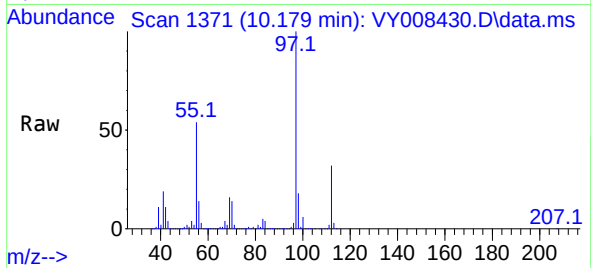
77 23.3 20.4 30.6





#50
Toluene-d8
Concen: 107.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

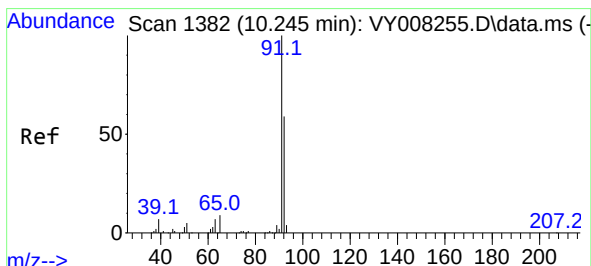
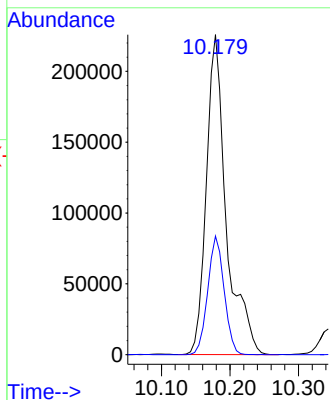
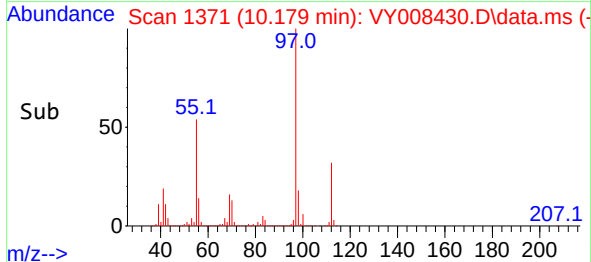
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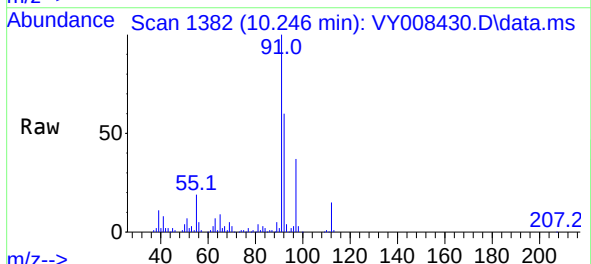
Tgt Ion: 98 Resp: 456370
Ion Ratio Lower Upper
98 100
100 30.5 50.2 75.2

Manual Integrations
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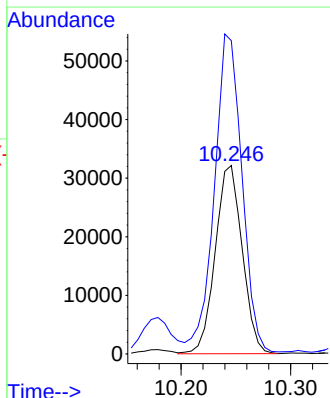
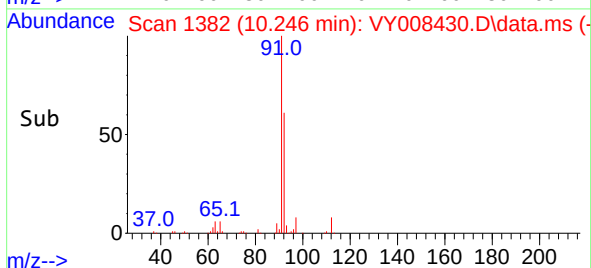
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

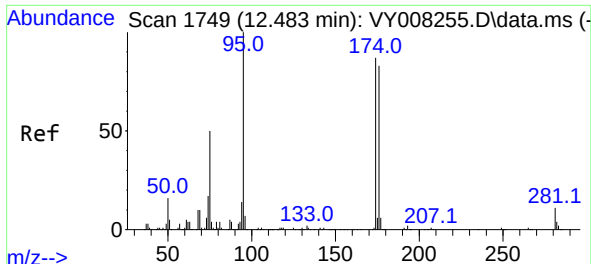


#52
Toluene
Concen: 14.045 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



Tgt Ion: 92 Resp: 54828
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8





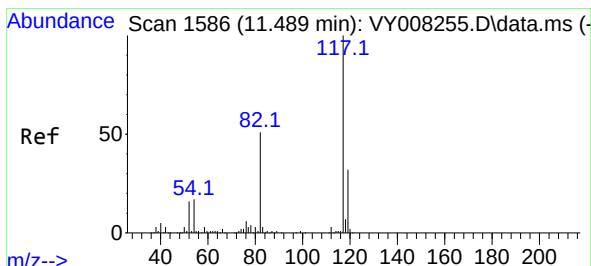
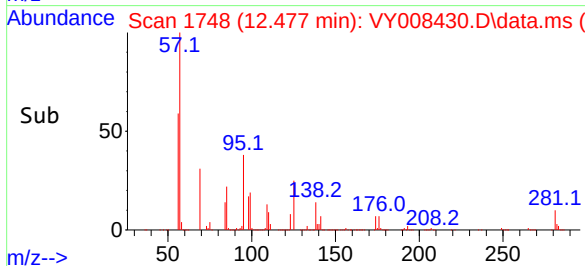
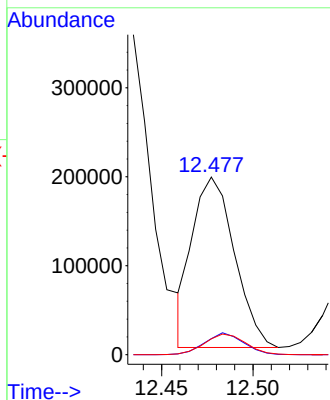
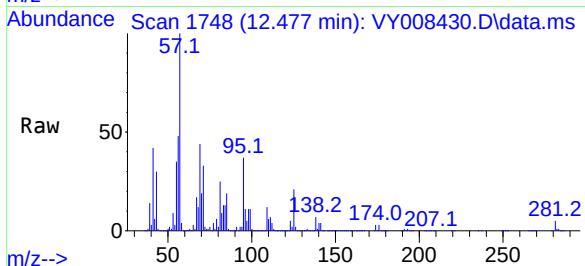
#62
4-Bromofluorobenzene
Concen: 191.513 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

Instrument :
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ClientSampleId :
WC-15-1-5

Tgt Ion: 95 Resp: 30712
Ion Ratio Lower Upper
95 100
174 11.8 0.0 177.0
176 11.9 0.0 175.8

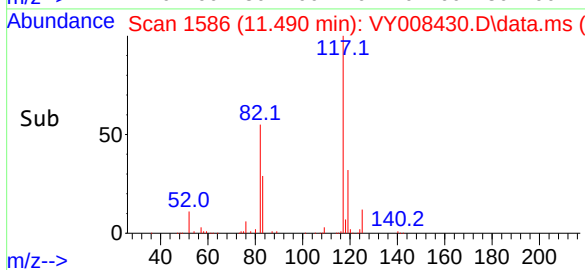
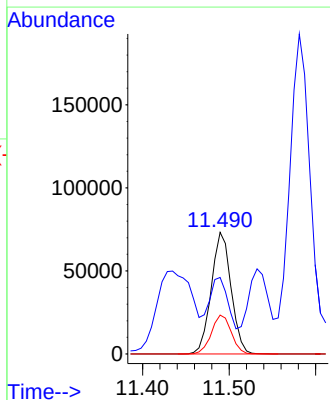
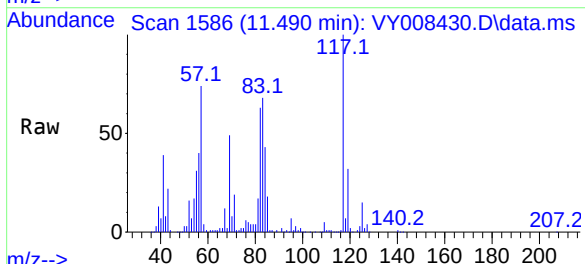
Manual Integrations
APPROVED

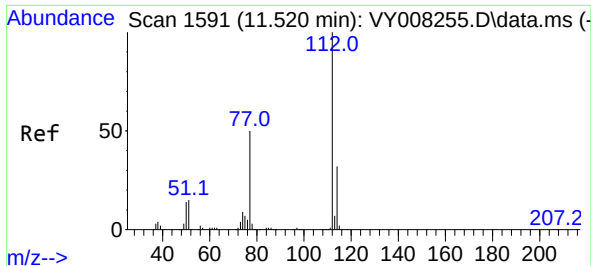
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

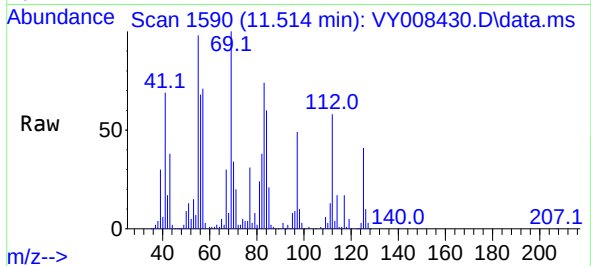
Tgt Ion:117 Resp: 116458
Ion Ratio Lower Upper
117 100
82 33.3 43.0 64.4#
119 32.0 25.4 38.0





#65
Chlorobenzene
Concen: 17.010 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

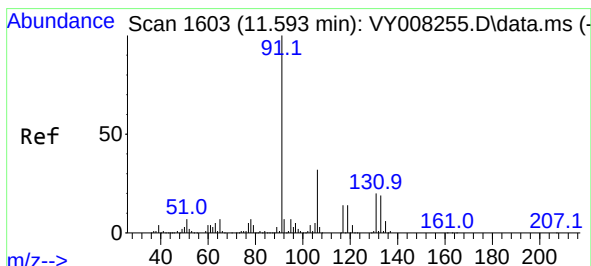
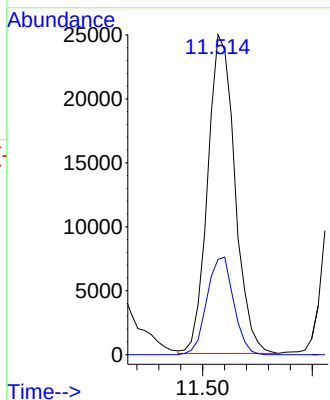
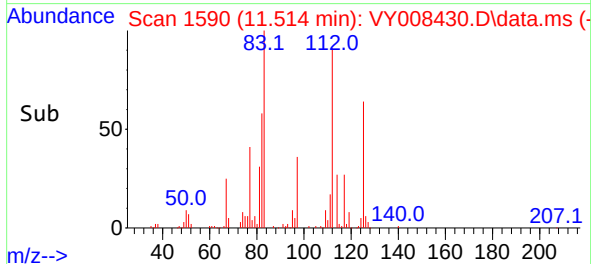
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



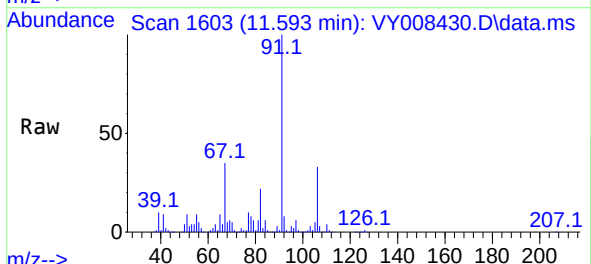
Tgt Ion: 112 Resp: 42960
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6

Manual Integrations
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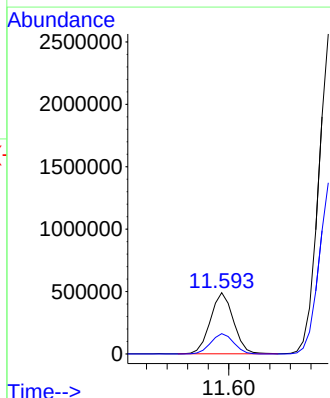
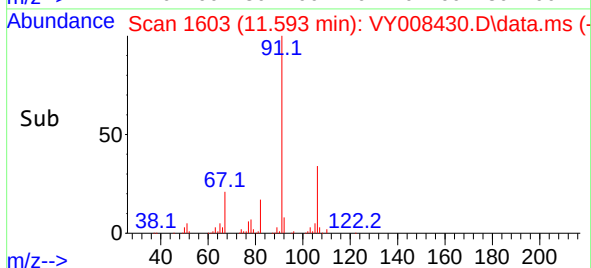
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

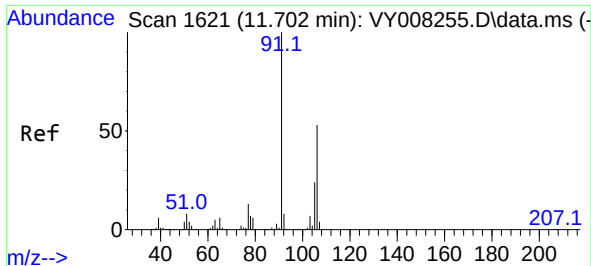


#67
Ethyl Benzene
Concen: 176.935 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



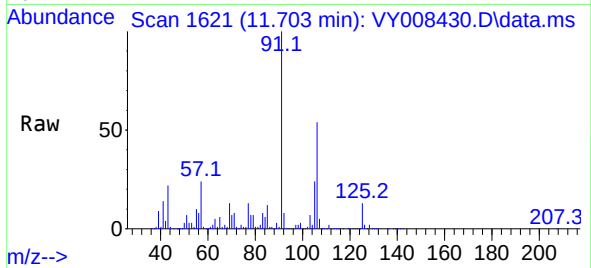
Tgt Ion: 91 Resp: 759919
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7





#68
m/p-Xylenes
Concen: 1448.517 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

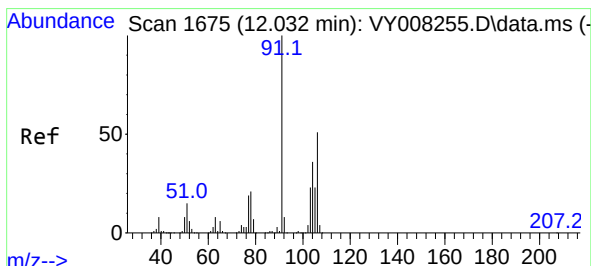
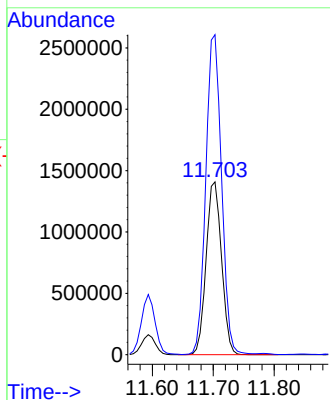
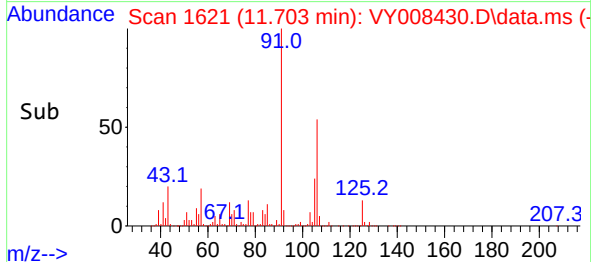
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



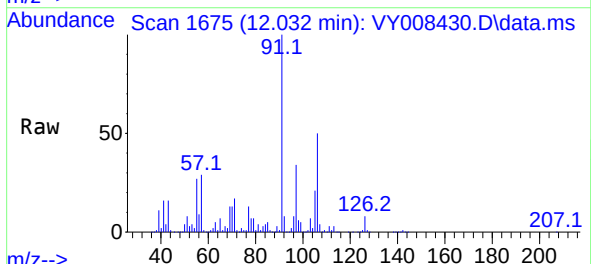
Tgt Ion:106 Resp: 2474218
Ion Ratio Lower Upper
106 100
91 188.6 166.6 249.8

Manual Integrations
APPROVED

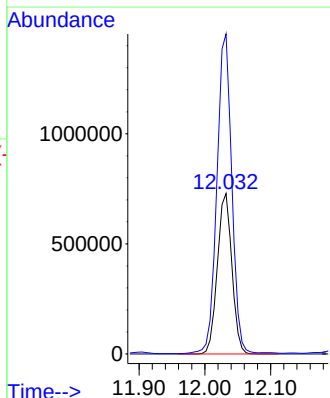
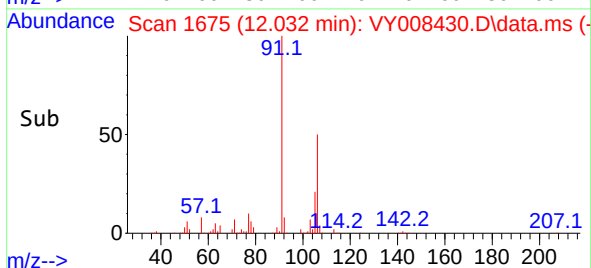
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

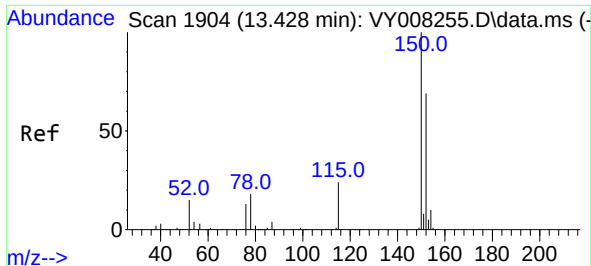


#69
o-Xylene
Concen: 673.752 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



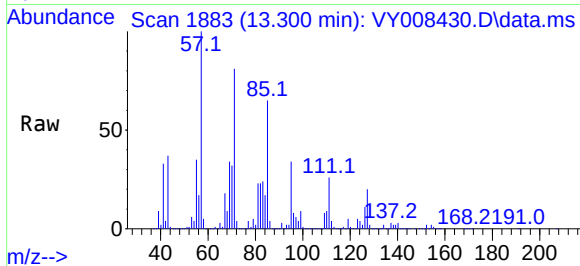
Tgt Ion:106 Resp: 1116801
Ion Ratio Lower Upper
106 100
91 204.6 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.300 min Scan# 11
Delta R.T. -0.128 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

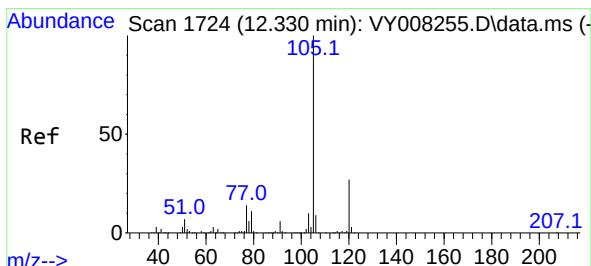
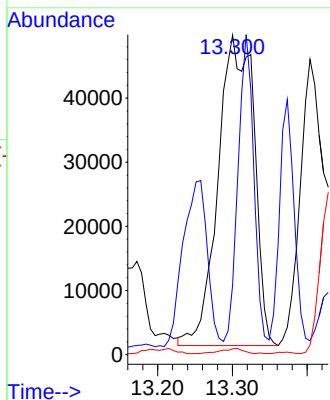
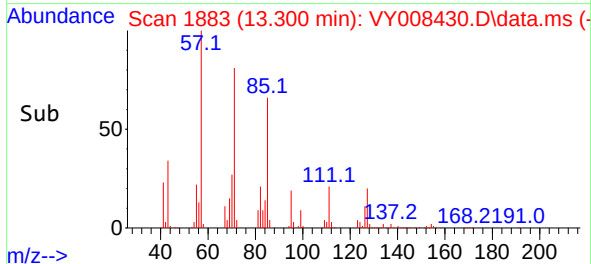
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



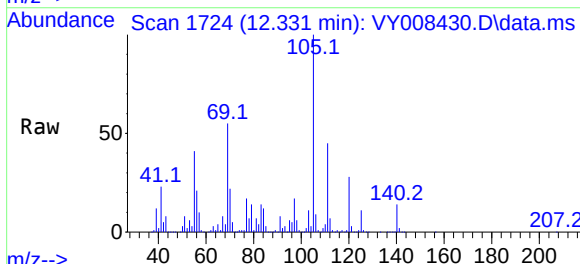
Tgt Ion:152 Resp: 161569
Ion Ratio Lower Upper
152 100
115 42.5 28.2 84.7
150 1.1 0.0 347.6

Manual Integrations
APPROVED

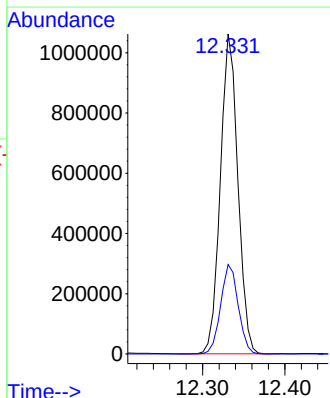
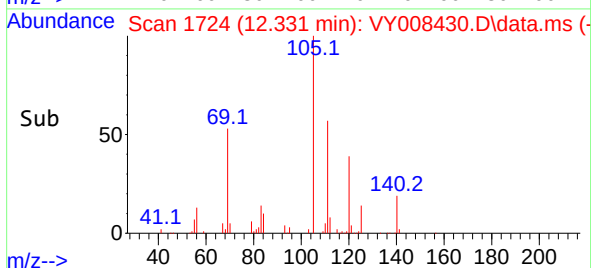
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

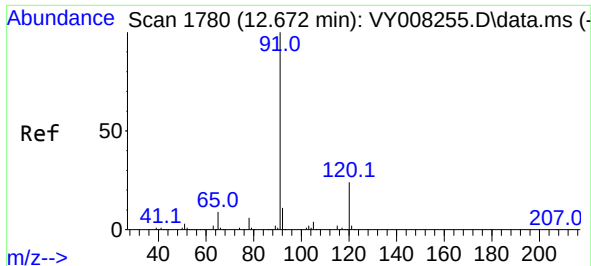


#73
Isopropylbenzene
Concen: 130.594 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



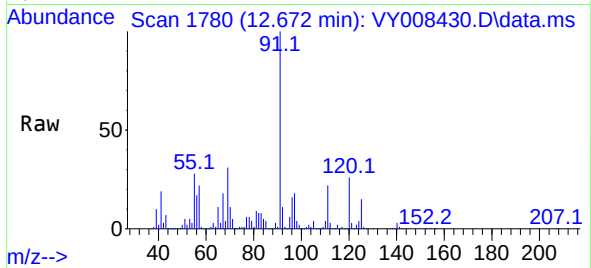
Tgt Ion:105 Resp: 1568740
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2





#78
n-propylbenzene
Concen: 110.284 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

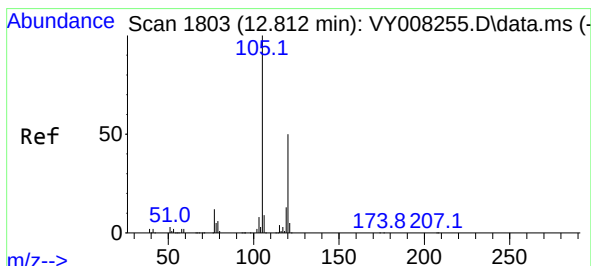
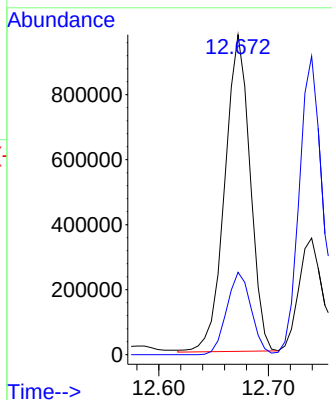
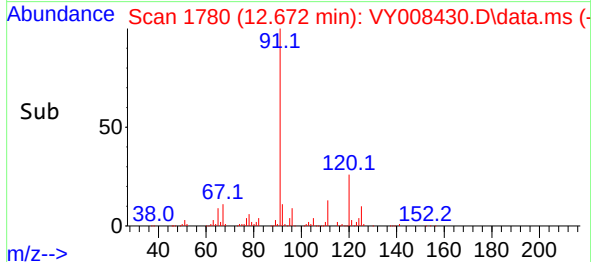
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



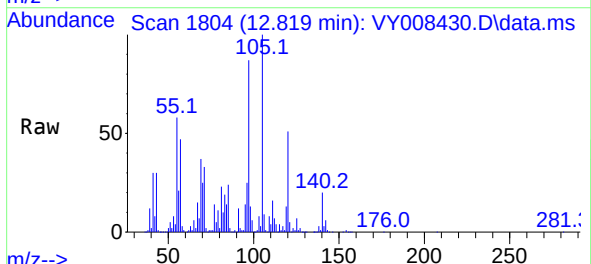
Tgt Ion: 91 Resp: 156324
Ion Ratio Lower Upper
91 100
120 25.0 11.3 33.9

Manual Integrations
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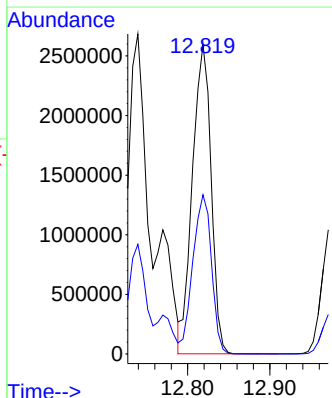
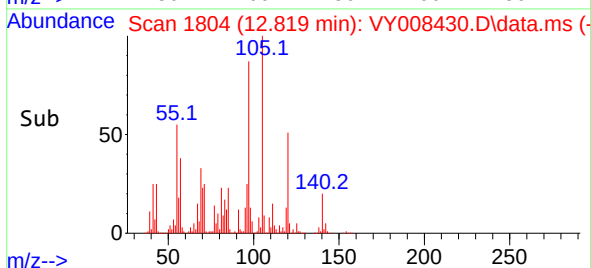
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

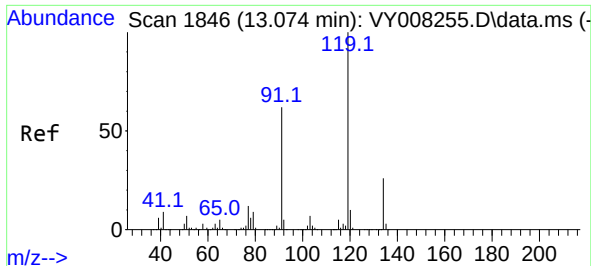


#80
1,3,5-Trimethylbenzene
Concen: 414.904 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



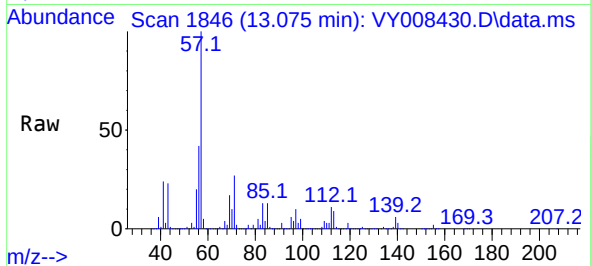
Tgt Ion:105 Resp: 4086815
Ion Ratio Lower Upper
105 100
120 51.5 24.4 73.4





#83
tert-Butylbenzene
Concen: 17.088 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

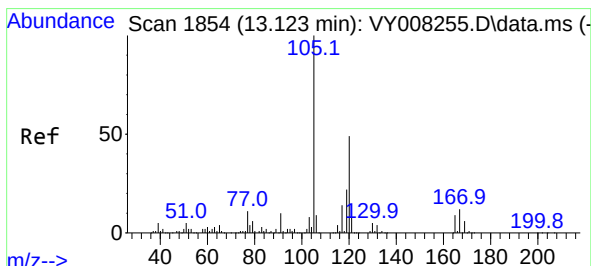
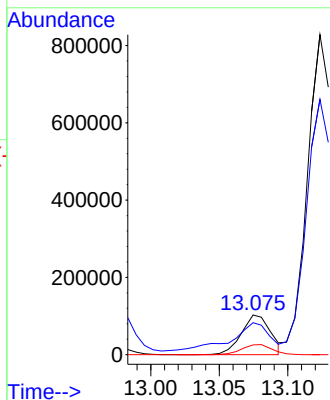
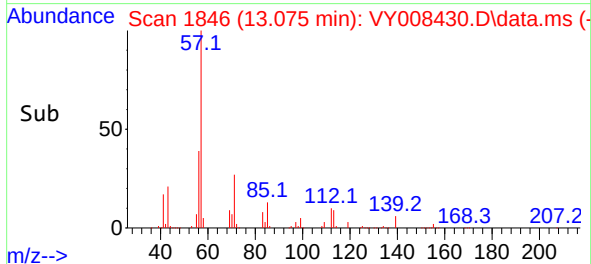
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



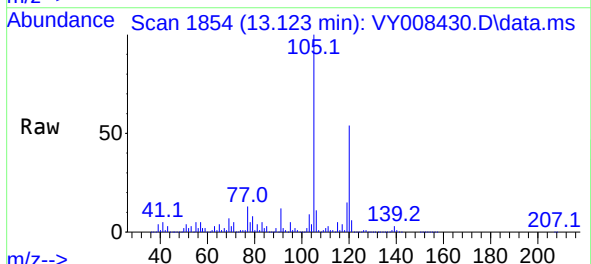
Tgt Ion:119 Resp: 151002
Ion Ratio Lower Upper
119 100
91 92.1 34.8 104.4
134 26.7 13.3 39.9

Manual Integrations
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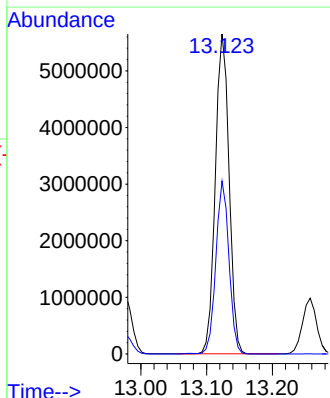
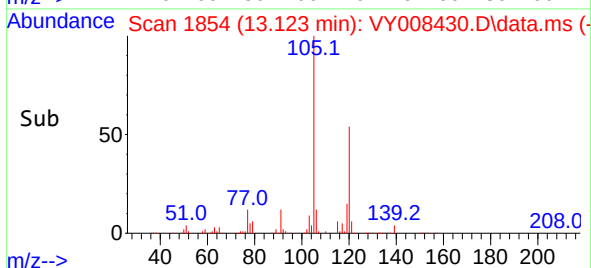
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

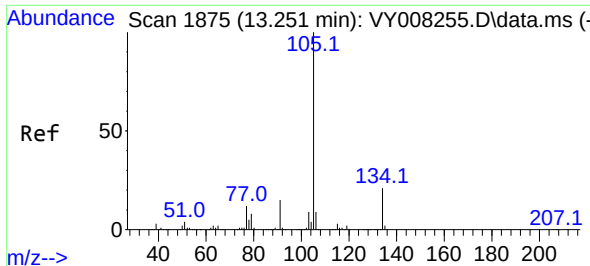


#84
1,2,4-Trimethylbenzene
Concen: 843.607 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49



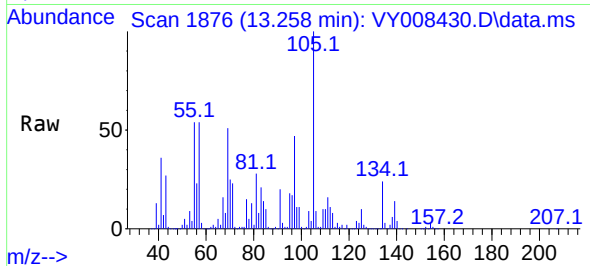
Tgt Ion:105 Resp: 8223410
Ion Ratio Lower Upper
105 100
120 51.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 112.390 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY008430.D
 Acq: 20 Apr 2022 19:49

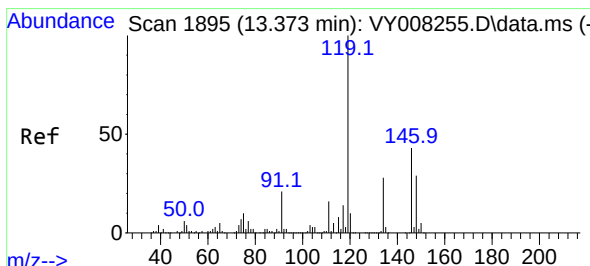
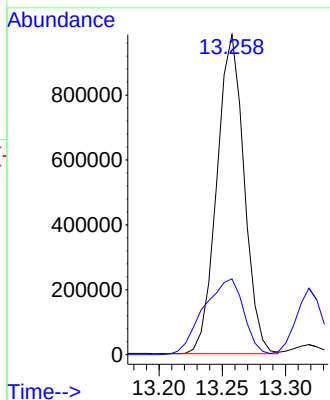
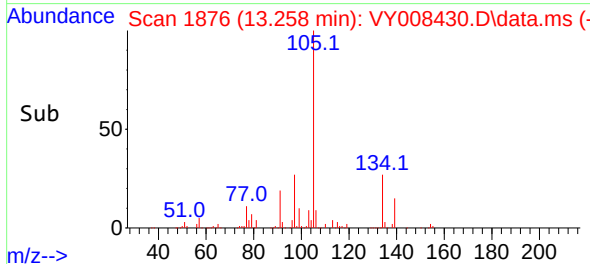
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-5



Tgt Ion:105 Resp: 147237
 Ion Ratio Lower Upper
 105 100
 134 35.1 10.2 30.4

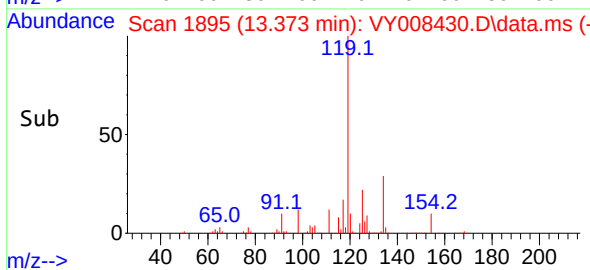
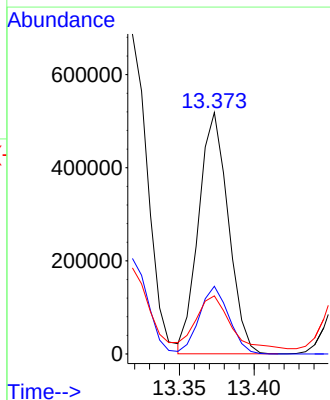
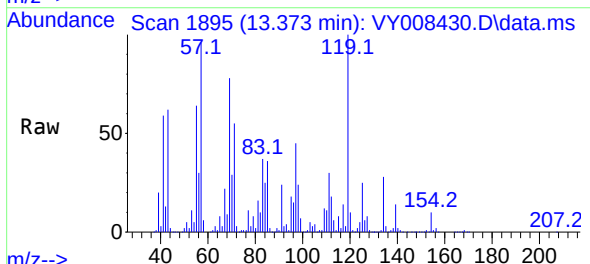
Manual Integrations
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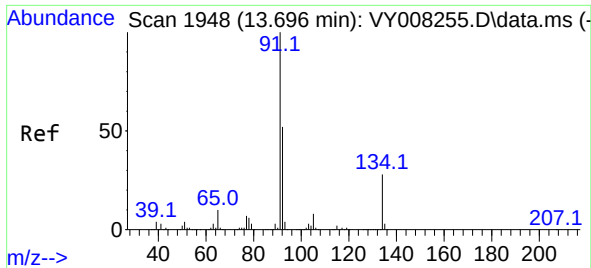
Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#86
 p-Isopropyltoluene
 Concen: 65.482 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008430.D
 Acq: 20 Apr 2022 19:49

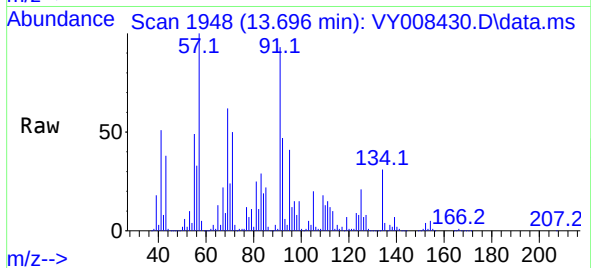
Tgt Ion:119 Resp: 715858
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 24.9 12.4 37.2





#89
n-Butylbenzene
Concen: 48.025 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008430.D
Acq: 20 Apr 2022 19:49

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5



Tgt Ion: 91 Resp: 474348

Ion	Ratio	Lower	Upper
91	100		
92	63.5	26.3	78.9
134	0.0	13.0	38.9

Manual Integrations
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Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

