

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008428.D
 Acq On : 20 Apr 2022 19:02
 Operator : KP/MD
 Sample : N2452-05
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-3

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 02:41:43 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	61388	50.000	ug/l	-0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49367	51.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.660%			
35) Dibromofluoromethane	7.716	113	52438	54.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.240%			
50) Toluene-d8	10.179	98	312171	94.155	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 188.300%#			
62) 4-Bromofluorobenzene	12.477	95	142182	114.015	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 228.040%#			
Target Compounds					Qvalue	
16) Acetone	3.948	43	28935	125.072	ug/l	93
17) Carbon Disulfide	4.192	76	8456	3.174	ug/l	99
25) 2-Butanone	6.990	43	14332	39.619	ug/l #	84
31) Cyclohexane	7.783	56	181047	104.091	ug/l	88
39) Methylcyclohexane	9.185	83	1140680	572.981	ug/l #	81
40) Benzene	8.161	78	20821	4.519	ug/l	96
52) Toluene	10.246	92	38571	12.706	ug/l	98
67) Ethyl Benzene	11.593	91	190213	46.504	ug/l	94
68) m/p-Xylenes	11.697	106	208718	128.306	ug/l	92
69) o-Xylene	12.026	106	542068	343.384	ug/l	88
73) Isopropylbenzene	12.331	105	561401	123.004	ug/l	98
78) n-propylbenzene	12.672	91	1080235	200.577	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	2769803	740.093	ug/l	96
83) tert-Butylbenzene	13.075	119	72242m	21.517	ug/l	
84) 1,2,4-Trimethylbenzene	13.123	105	5455099	1472.873	ug/l	91
85) sec-Butylbenzene	13.258	105	560689	112.644	ug/l #	62
86) p-Isopropyltoluene	13.373	119	471392	113.488	ug/l	98
89) n-Butylbenzene	13.696	91	305141	81.310	ug/l #	76

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

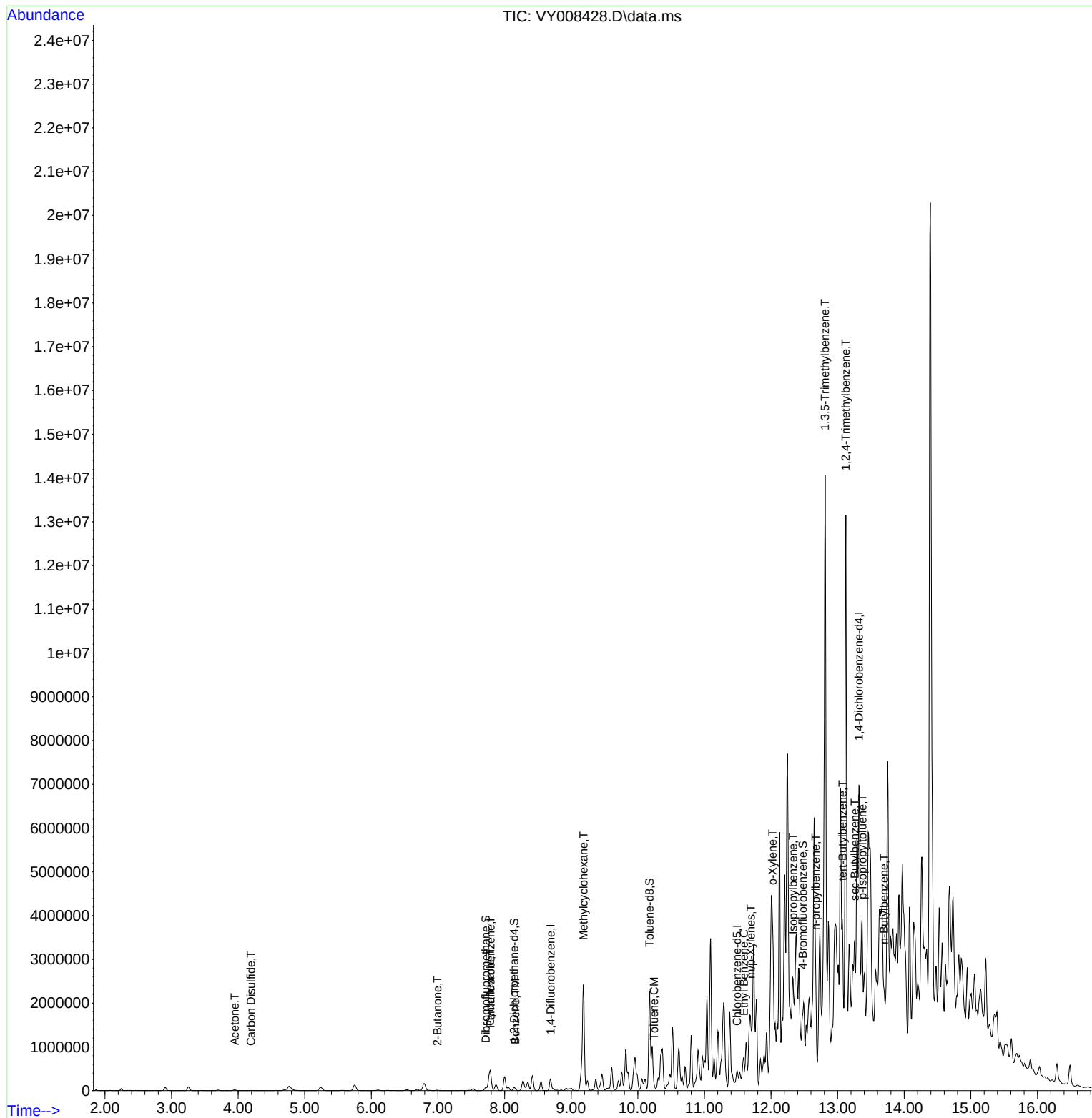
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008428.D
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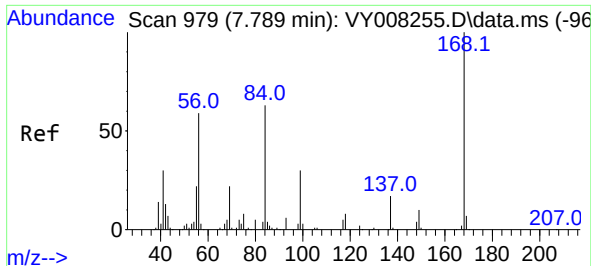
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

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

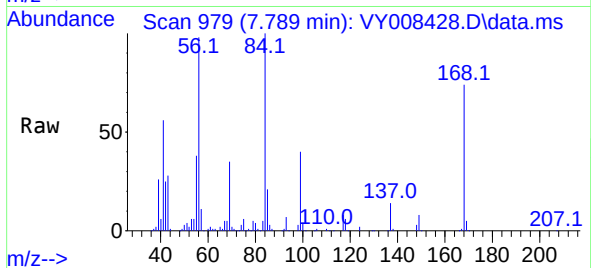
Quant Time: Apr 21 02:41:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

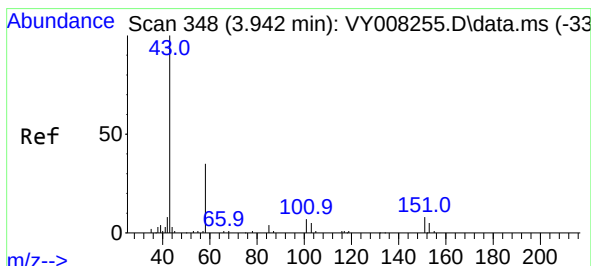
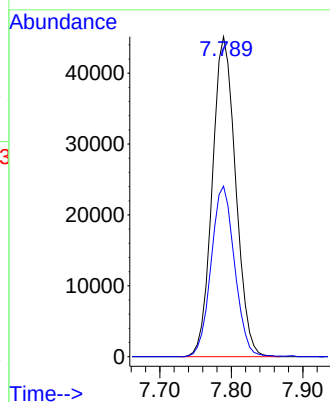
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



Tgt Ion:168 Resp: 102398
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3

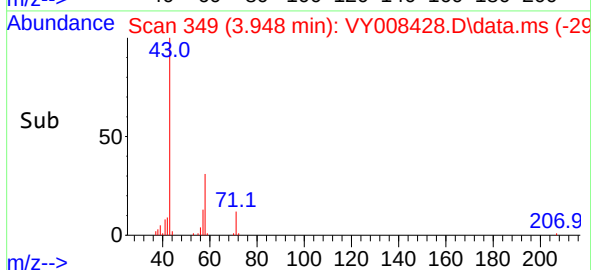
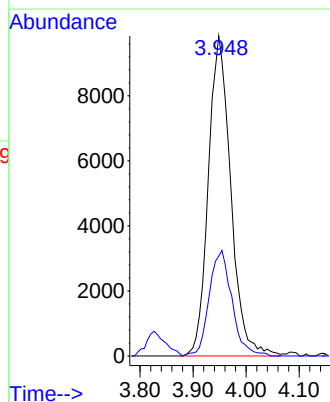
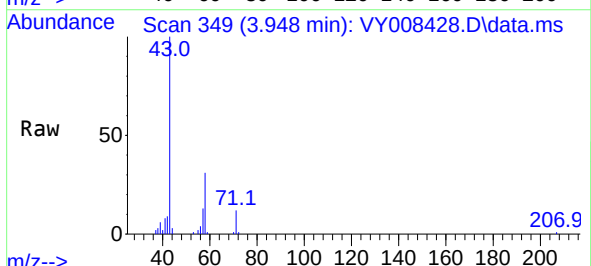
Manual Integrations
APPROVED

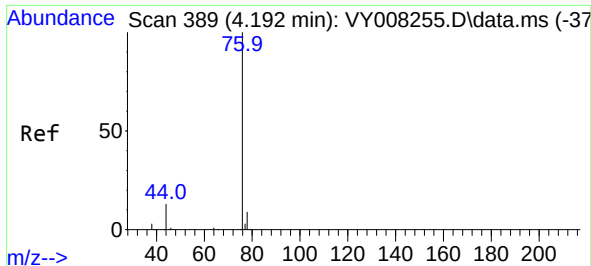
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 125.072 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

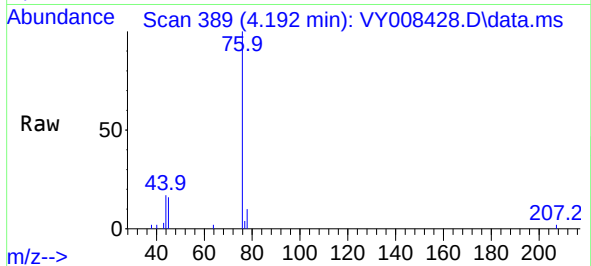
Tgt Ion: 43 Resp: 28935
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17
Carbon Disulfide
Concen: 3.174 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

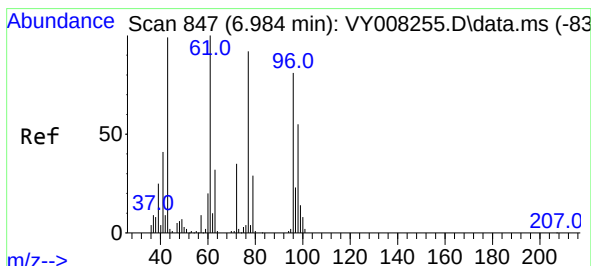
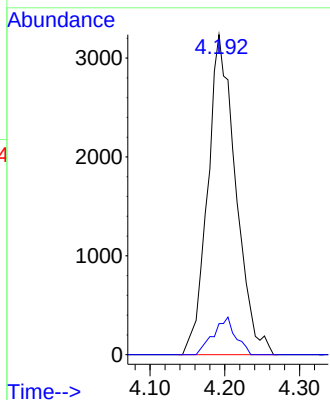
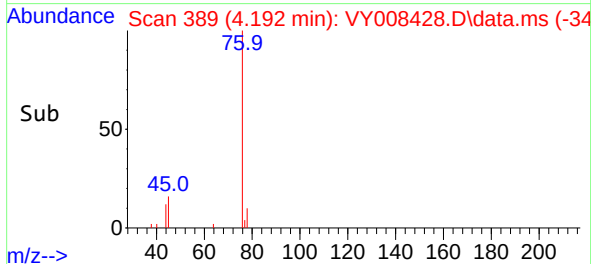
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



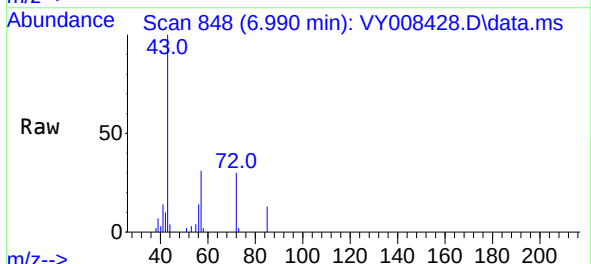
Tgt Ion: 76 Resp: 8450
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

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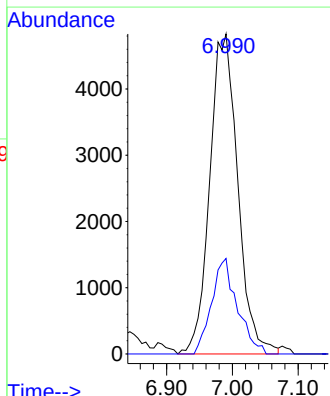
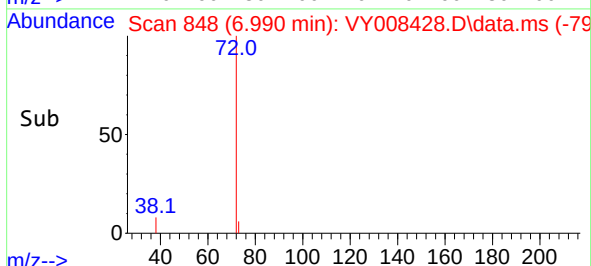
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

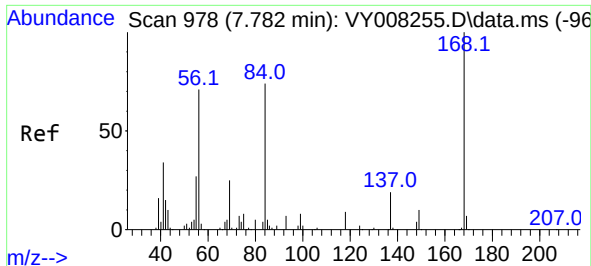


#25
2-Butanone
Concen: 39.619 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



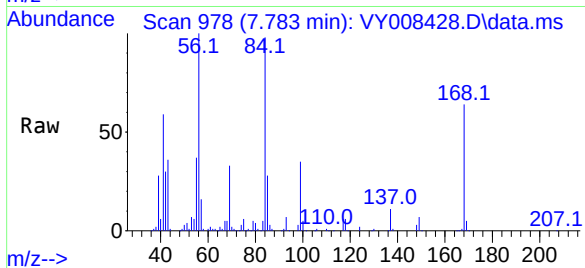
Tgt Ion: 43 Resp: 14332
Ion Ratio Lower Upper
43 100
72 29.9 17.7 26.5#





#31
Cyclohexane
Concen: 104.091 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

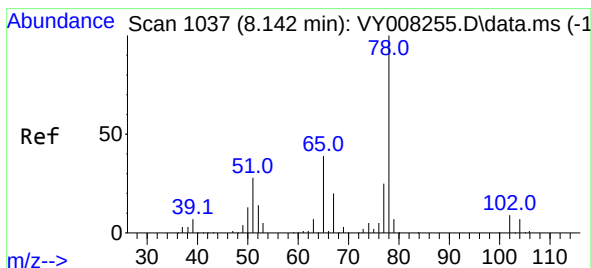
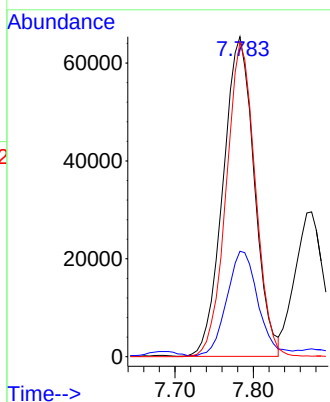
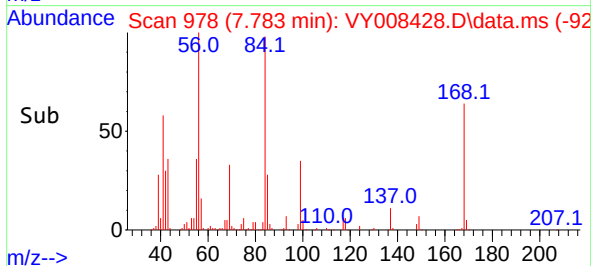
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



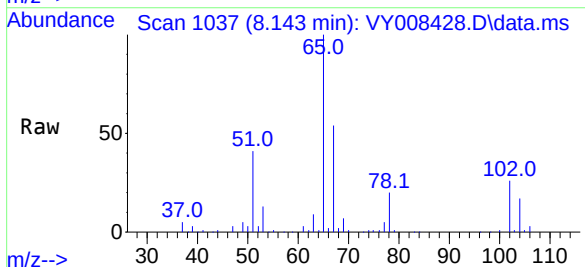
Tgt Ion: 56 Resp: 18104
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 98.4 67.2 100.8

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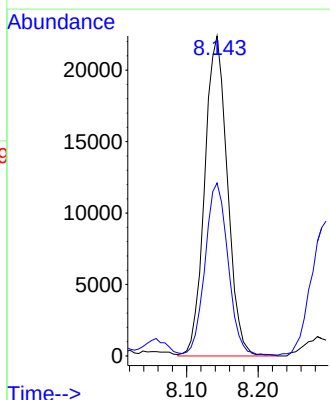
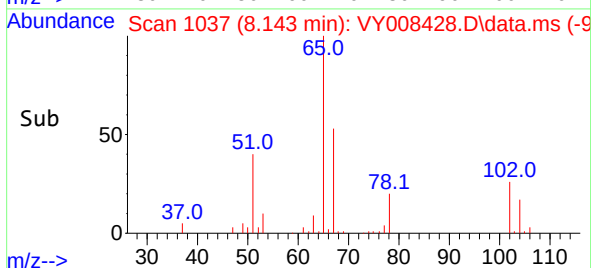
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

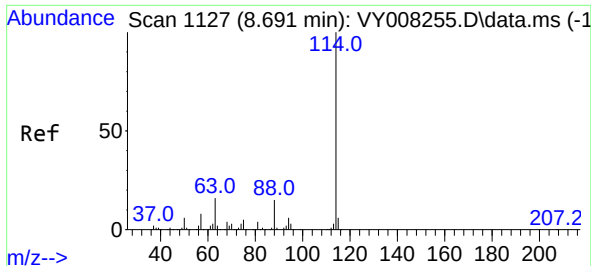


#33
1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



Tgt Ion: 65 Resp: 49367
Ion Ratio Lower Upper
65 100
67 54.1 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: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

Tgt Ion:114 Resp: 16775

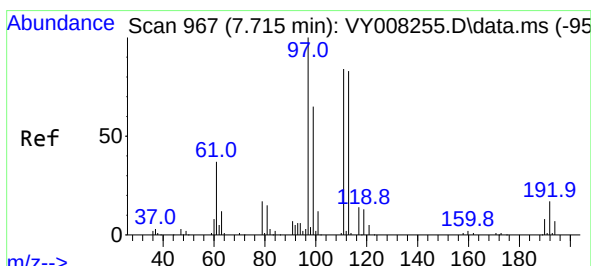
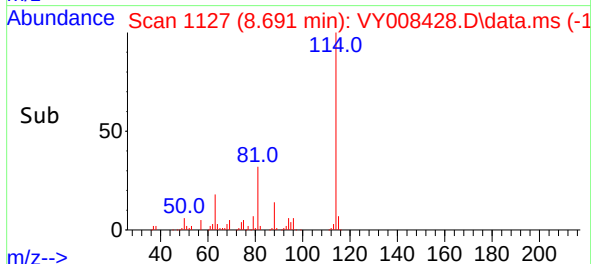
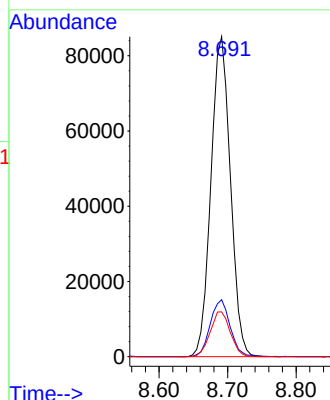
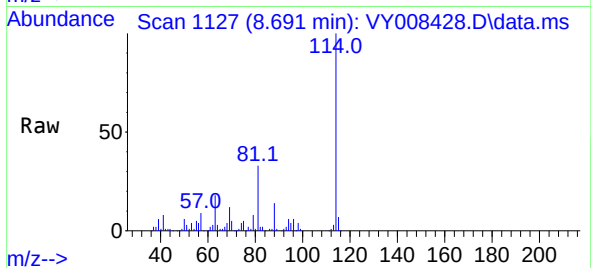
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	43.2
88	14.0	0.0	31.8

Manual Integrations

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Reviewed By :Krupa Patel 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#35

Dibromofluoromethane

Concen: 54.119 ug/l

RT: 7.716 min Scan# 967

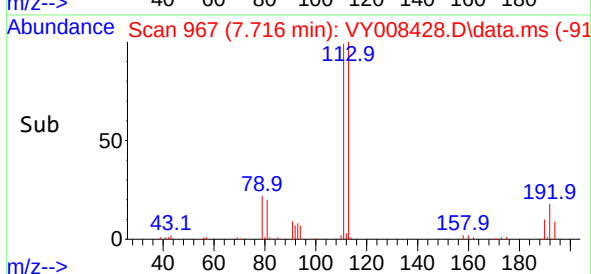
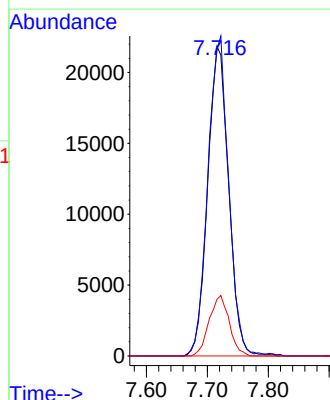
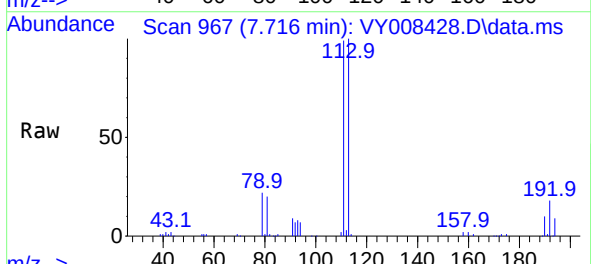
Delta R.T. 0.001 min

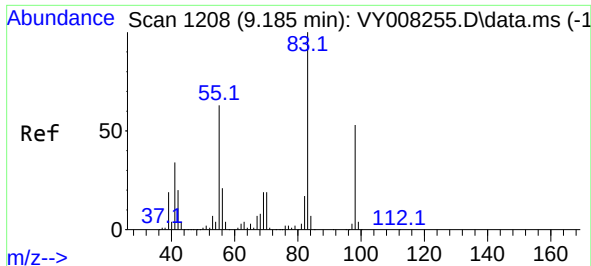
Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Tgt Ion:113 Resp: 52438

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	18.7	17.6	26.4





#39

Methylcyclohexane

Concen: 572.981 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

Tgt Ion: 83 Resp: 1140680

Ion Ratio Lower Upper

83 100

55 60.1 66.5 99.7

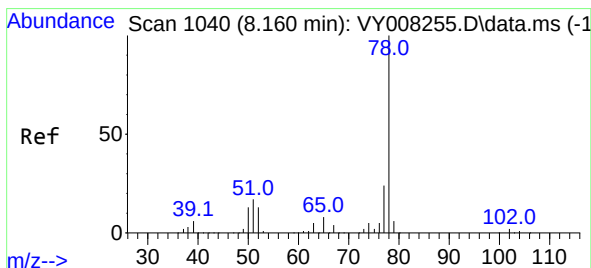
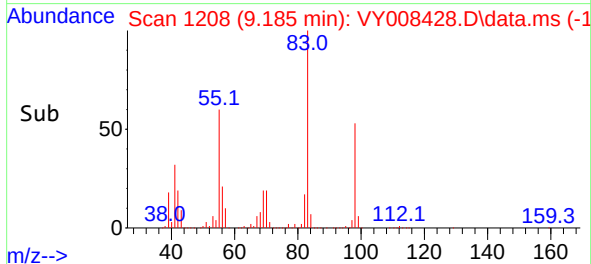
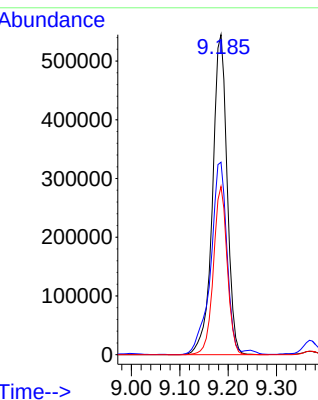
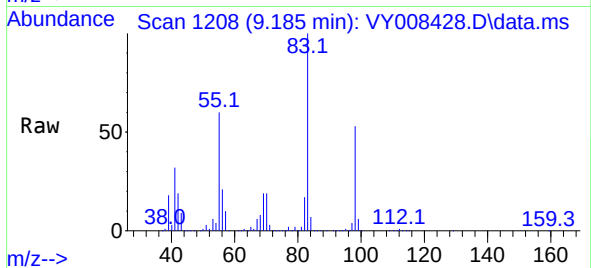
98 52.5 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#40

Benzene

Concen: 4.519 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008428.D

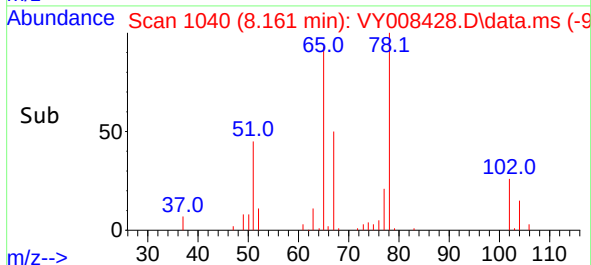
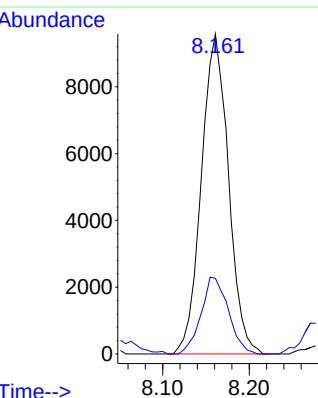
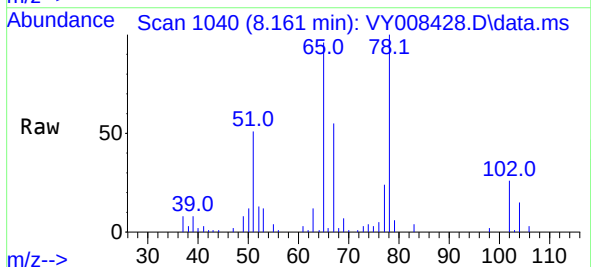
Acq: 20 Apr 2022 19:02

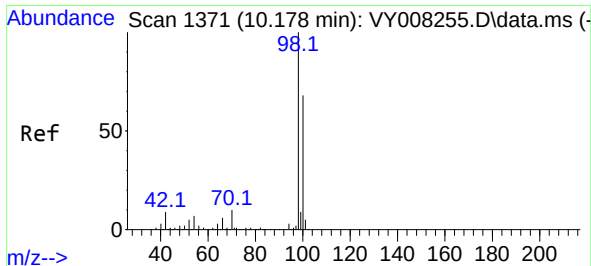
Tgt Ion: 78 Resp: 20821

Ion Ratio Lower Upper

78 100

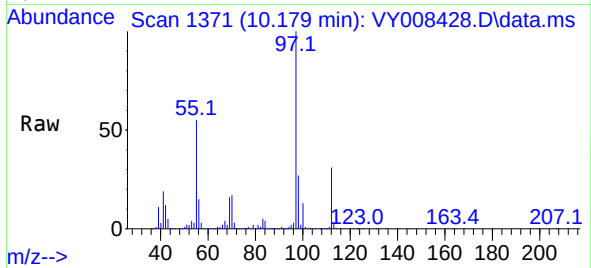
77 23.7 20.4 30.6





#50
Toluene-d8
Concen: 94.155 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

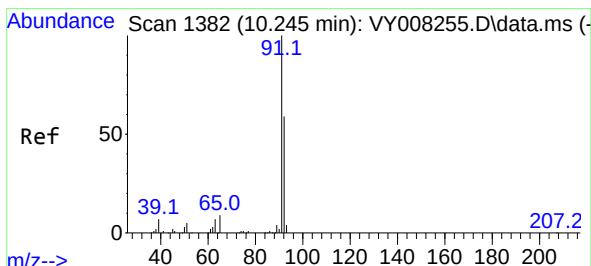
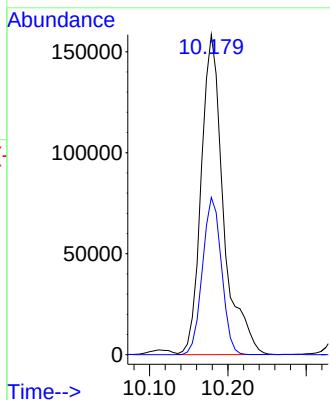
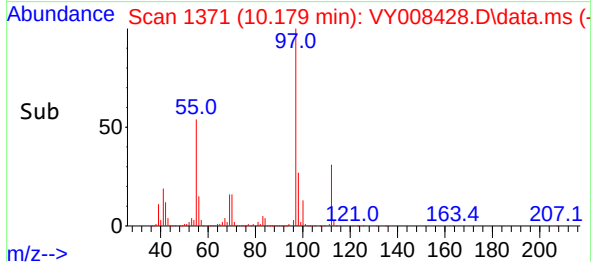
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



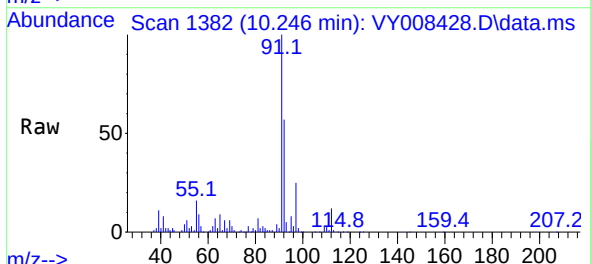
Tgt Ion: 98 Resp: 31217
Ion Ratio Lower Upper
98 100
100 42.0 50.2 75.2

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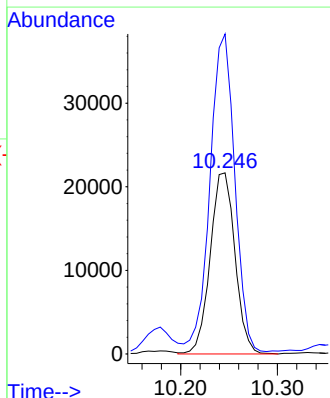
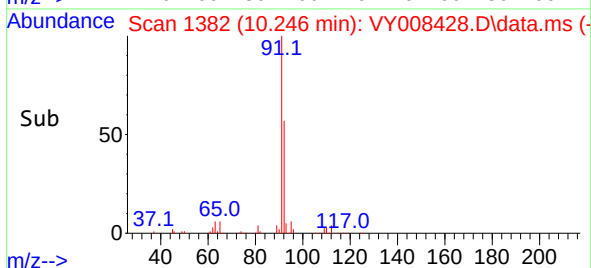
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

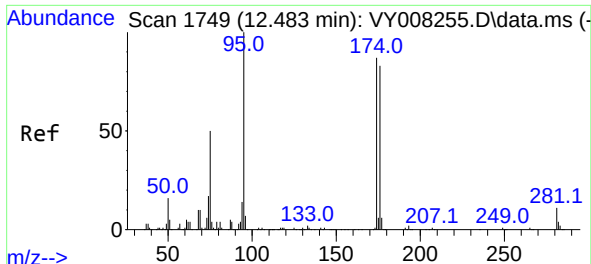


#52
Toluene
Concen: 12.706 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



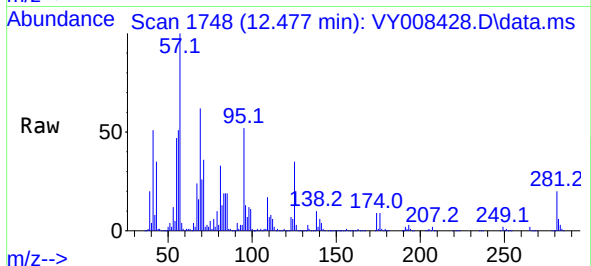
Tgt Ion: 92 Resp: 38571
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 114.015 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

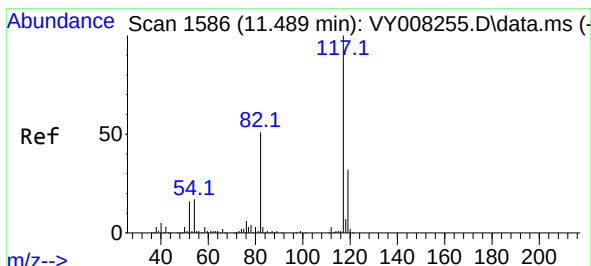
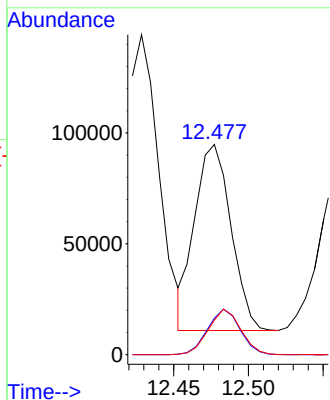
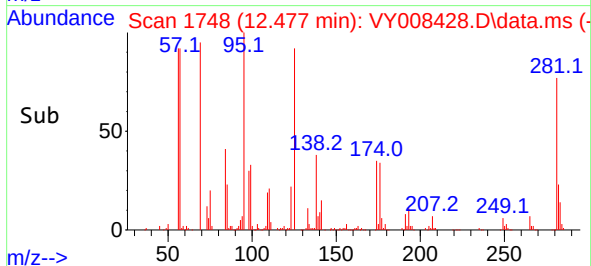
Instrument :
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WC-15-1-3



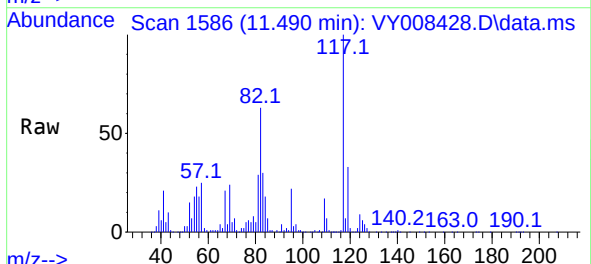
Tgt Ion: 95 Resp: 14218
Ion Ratio Lower Upper
95 100
174 21.8 0.0 177.0
176 21.7 0.0 175.8

Manual Integrations
APPROVED

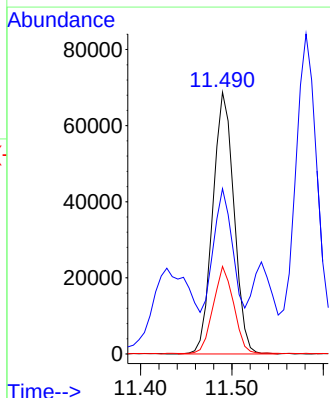
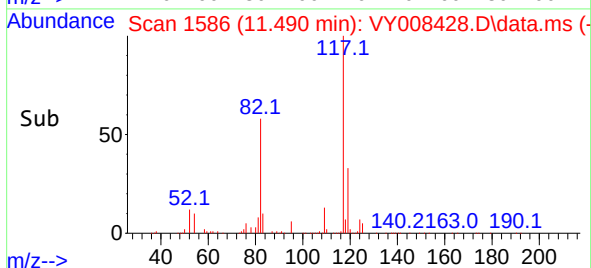
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

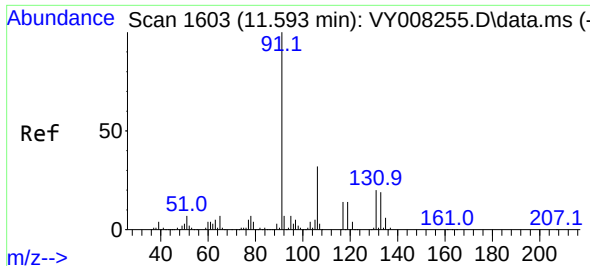


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



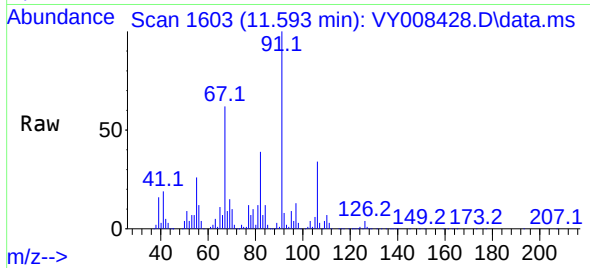
Tgt Ion:117 Resp: 110909
Ion Ratio Lower Upper
117 100
82 48.3 43.0 64.4
119 33.3 25.4 38.0





#67
Ethyl Benzene
Concen: 46.504 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

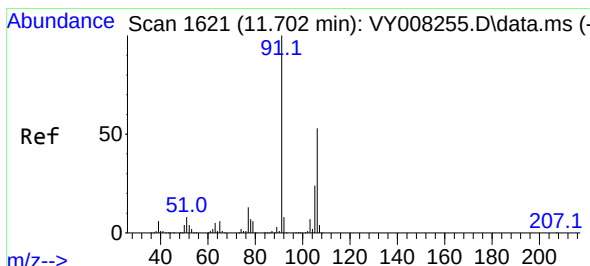
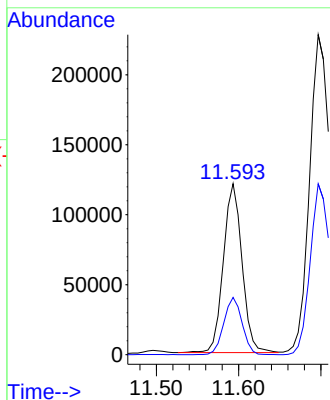
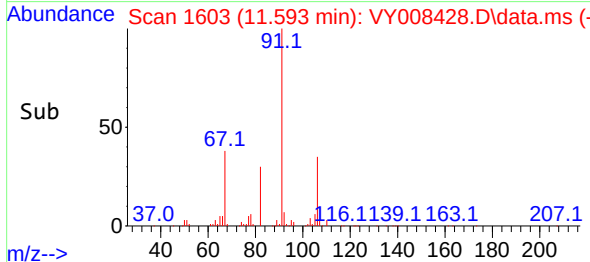
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



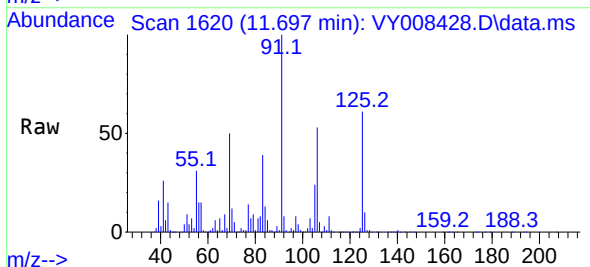
Tgt Ion: 91 Resp: 19021
Ion Ratio Lower Upper
91 100
106 33.9 24.5 36.7

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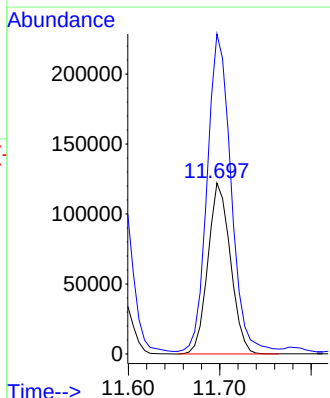
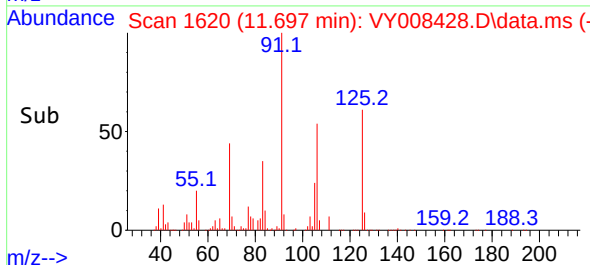
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

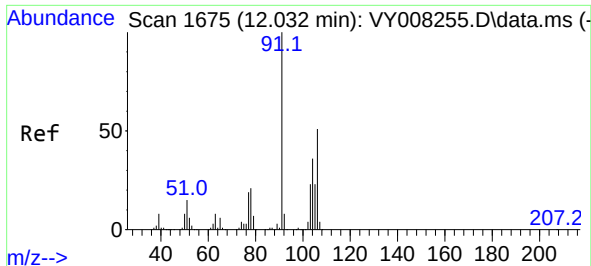


#68
m/p-Xylenes
Concen: 128.306 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



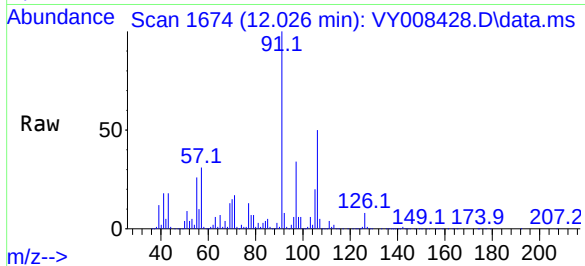
Tgt Ion:106 Resp: 208718
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8





#69
o-Xylene
Concen: 343.384 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

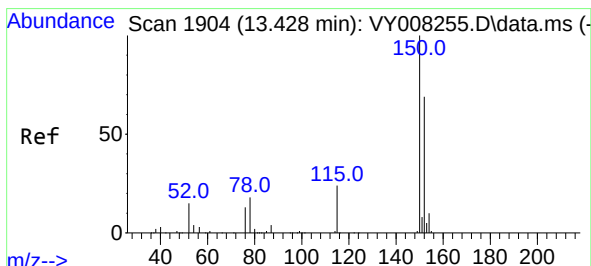
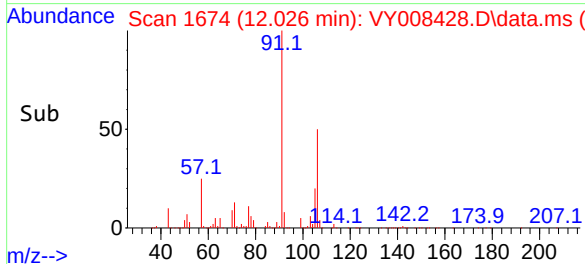
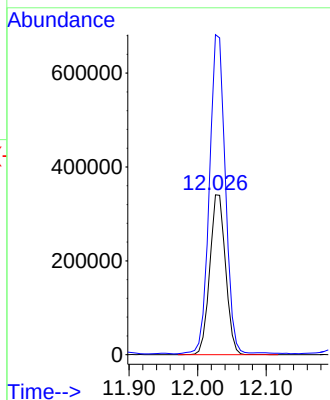
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



Tgt Ion:106 Resp: 54206
Ion Ratio Lower Upper
106 100
91 201.9 110.3 331.0

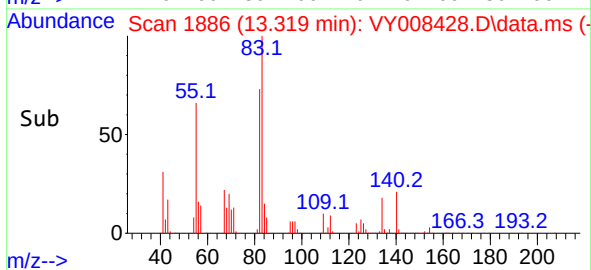
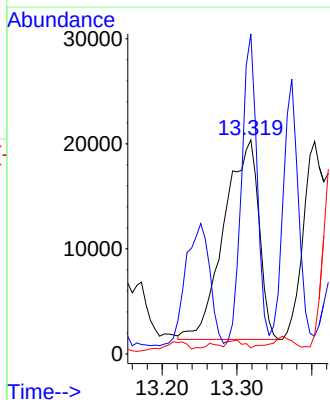
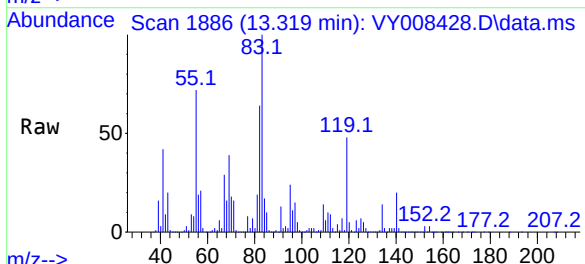
Manual Integrations
APPROVED

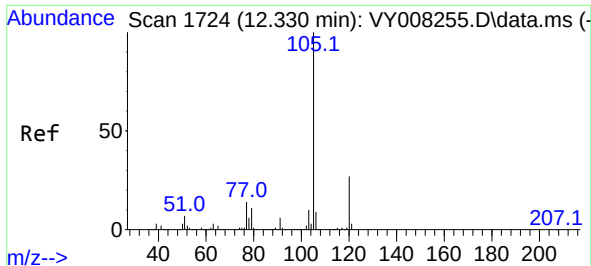
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.319 min Scan# 1886
Delta R.T. -0.110 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

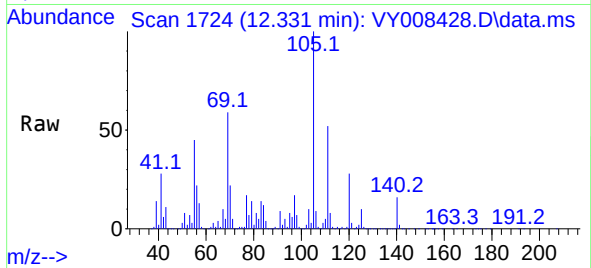
Tgt Ion:152 Resp: 61388
Ion Ratio Lower Upper
152 100
115 68.4 28.2 84.7
150 2.1 0.0 347.6





#73
Isopropylbenzene
Concen: 123.004 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

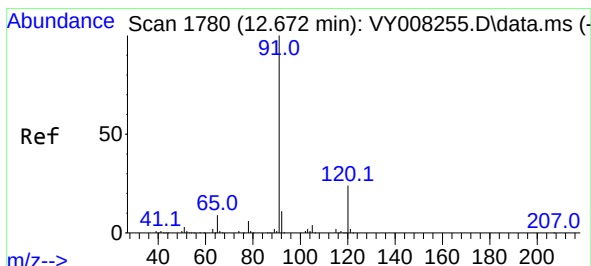
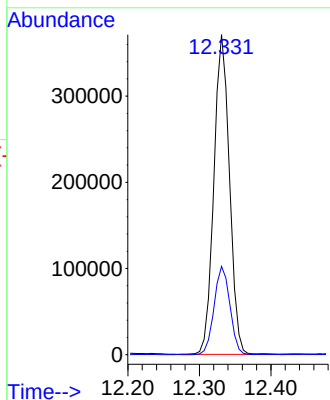
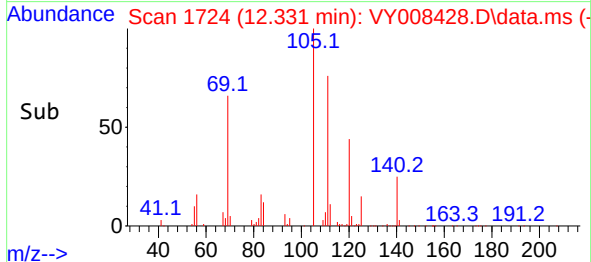
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



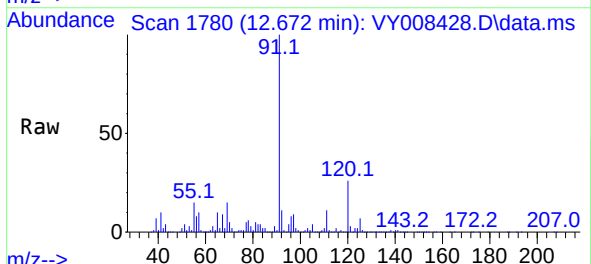
Tgt Ion:105 Resp: 56140
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2

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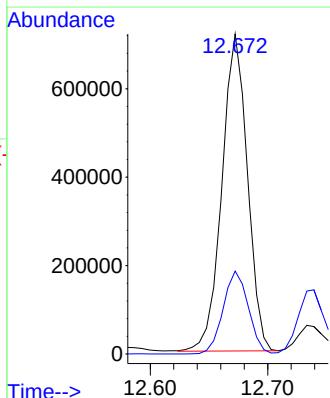
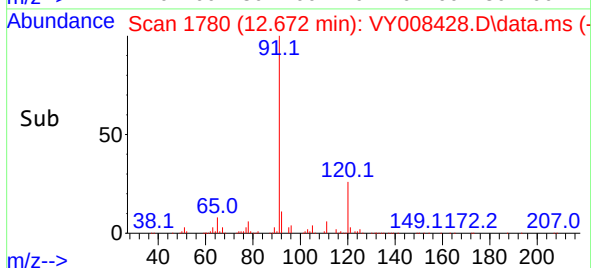
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

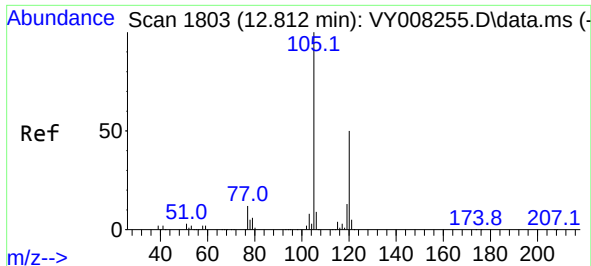


#78
n-propylbenzene
Concen: 200.577 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



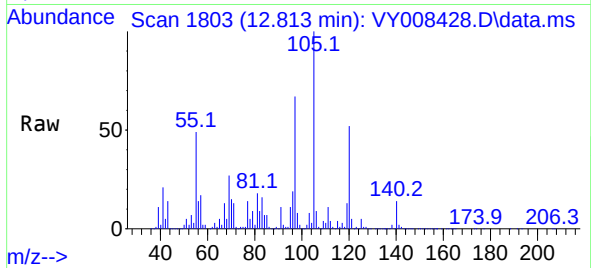
Tgt Ion: 91 Resp: 1080235
Ion Ratio Lower Upper
91 100
120 25.8 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 740.093 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

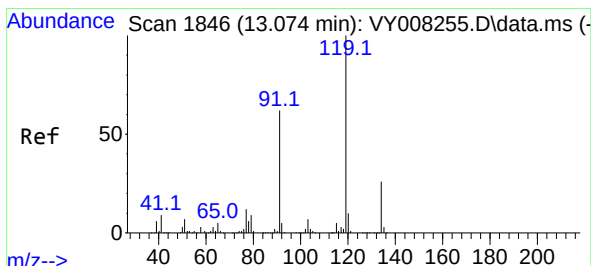
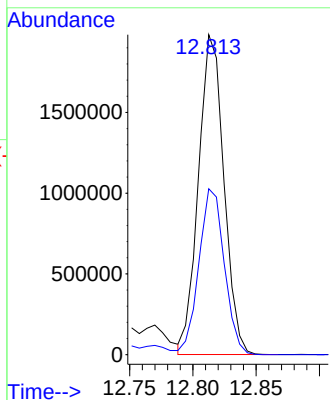
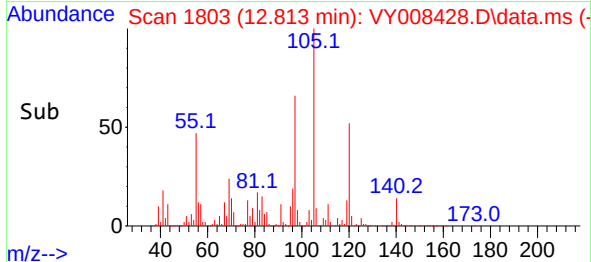
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



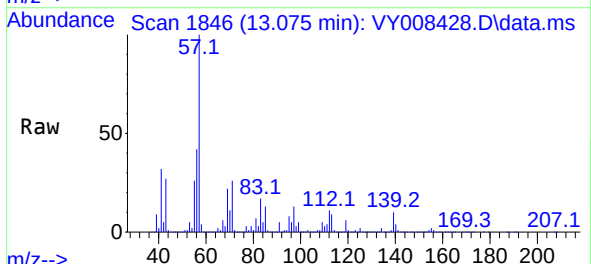
Tgt Ion:105 Resp: 276980
Ion Ratio Lower Upper
105 100
120 51.9 24.4 73.4

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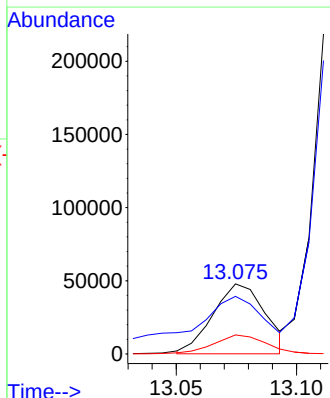
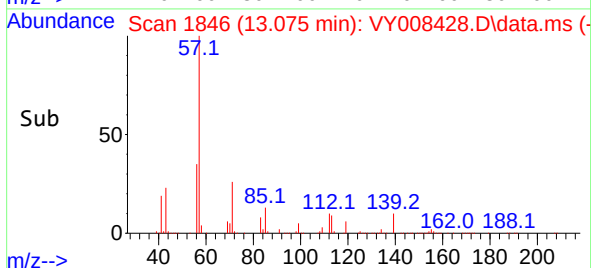
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

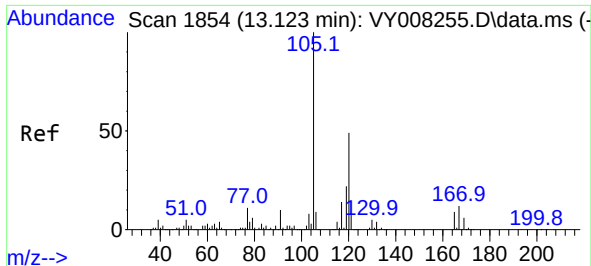


#83
tert-Butylbenzene
Concen: 21.517 ug/l m
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



Tgt Ion:119 Resp: 72242
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.4#
134 0.0 13.3 39.9#





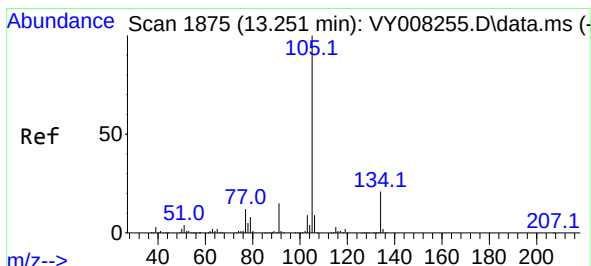
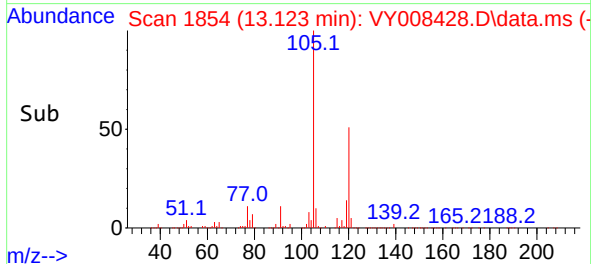
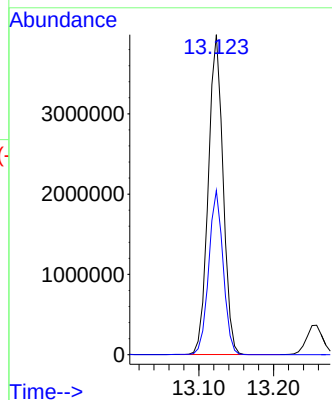
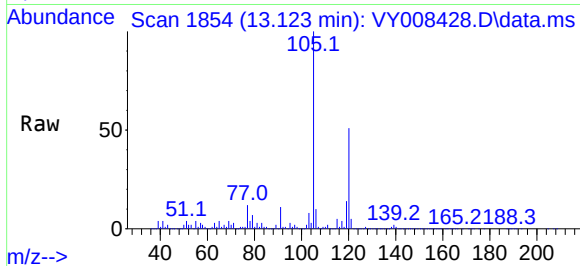
#84
1,2,4-Trimethylbenzene
Concen: 1472.873 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

Tgt Ion:105 Resp: 5455099
Ion Ratio Lower Upper
105 100
120 50.2 22.3 66.9

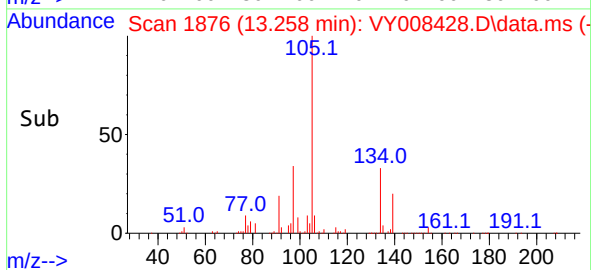
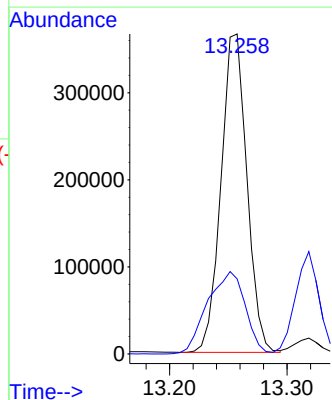
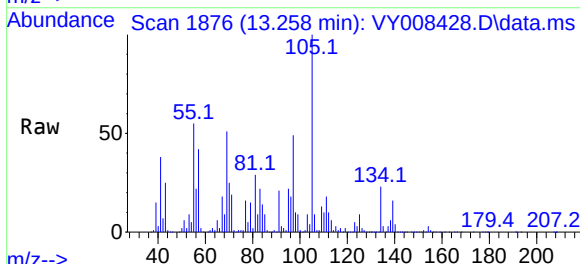
Manual Integrations
APPROVED

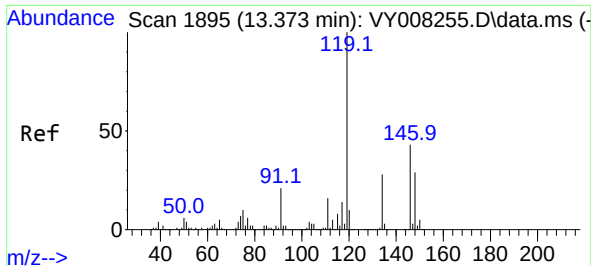
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#85
sec-Butylbenzene
Concen: 112.644 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.007 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

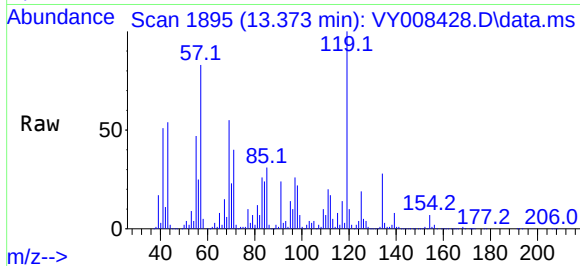
Tgt Ion:105 Resp: 560689
Ion Ratio Lower Upper
105 100
134 37.8 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 113.488 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

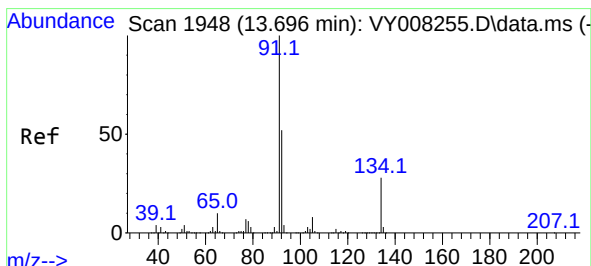
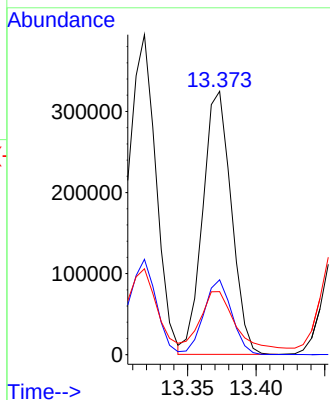
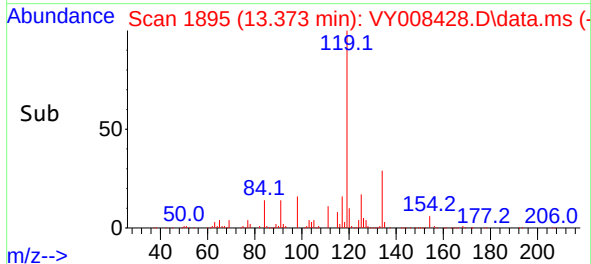
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3



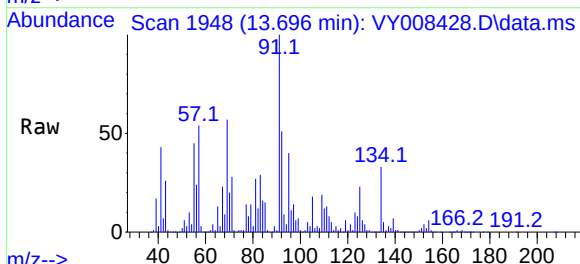
Tgt Ion: 119 Resp: 471392
Ion Ratio Lower Upper
119 100
134 27.8 13.2 39.5
91 24.2 12.4 37.2

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 81.310 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02



Tgt Ion: 91 Resp: 305141
Ion Ratio Lower Upper
91 100
92 60.7 26.3 78.9
134 0.0 13.0 38.9#

