

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008427.D
 Acq On : 20 Apr 2022 18:38
 Operator : KP/MD
 Sample : N2452-01
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 21 02:41:19 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	88087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	107488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34930	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41072	49.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.280%		
35) Dibromofluoromethane	7.716	113	42589	50.951	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.900%		
50) Toluene-d8	10.179	98	237265	82.953	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	165.900%#		
62) 4-Bromofluorobenzene	12.477	95	86518	80.422	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	160.840%#		
Target Compounds					Qvalue	
16) Acetone	3.948	43	40813	205.076	ug/l	90
17) Carbon Disulfide	4.198	76	11047	4.820	ug/l	97
25) 2-Butanone	6.984	43	23580	75.773	ug/l #	89
31) Cyclohexane	7.783	56	208372	139.265	ug/l	88
39) Methylcyclohexane	9.185	83	818282	476.462	ug/l #	84
40) Benzene	8.161	78	22067	5.552	ug/l	99
52) Toluene	10.240	92	61217	23.376	ug/l	96
67) Ethyl Benzene	11.593	91	161965	40.858	ug/l	94
68) m/p-Xylenes	11.697	106	147547	93.589	ug/l	92
69) o-Xylene	12.032	106	187264	122.402	ug/l	89
73) Isopropylbenzene	12.331	105	167527	64.508	ug/l	98
78) n-propylbenzene	12.672	91	218357	71.255	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	466081	218.869	ug/l	96
83) tert-Butylbenzene	13.075	119	35000m	18.321	ug/l	
84) 1,2,4-Trimethylbenzene	13.123	105	1021632	484.777	ug/l	93
85) sec-Butylbenzene	13.251	105	132650	46.836	ug/l #	66
86) p-Isopropyltoluene	13.373	119	245582	103.908	ug/l	98
89) n-Butylbenzene	13.696	91	70467	33.000	ug/l #	77

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

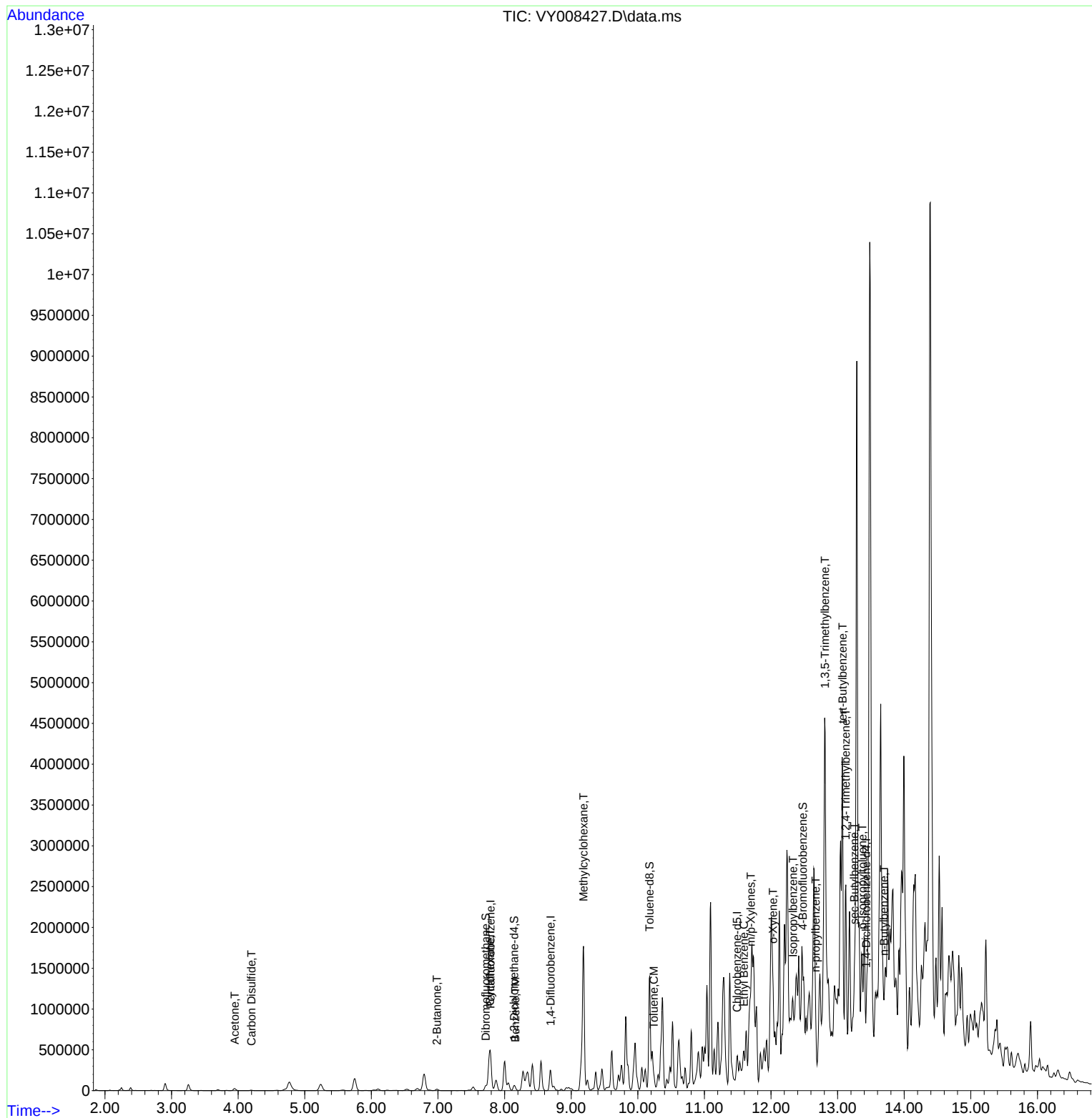
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008427.D
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Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
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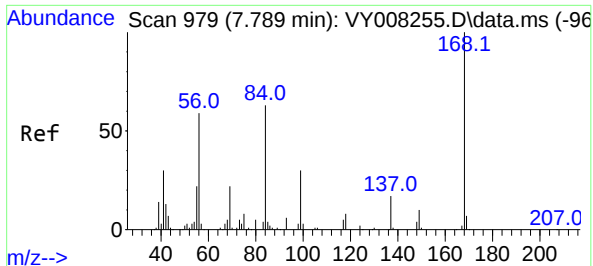
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

Quant Time: Apr 21 02:41:19 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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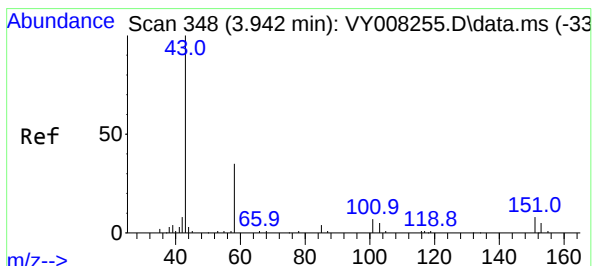
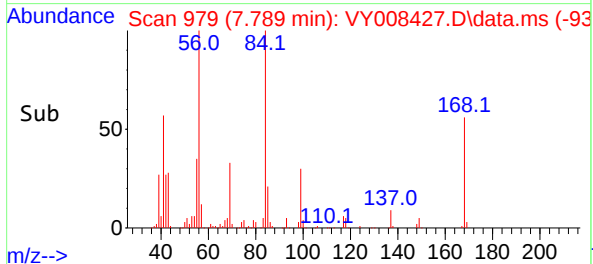
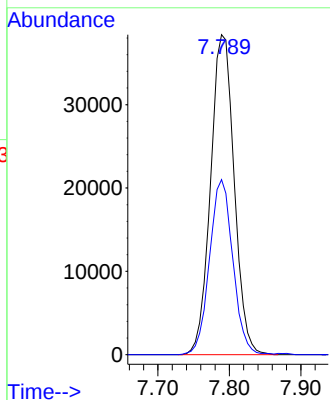
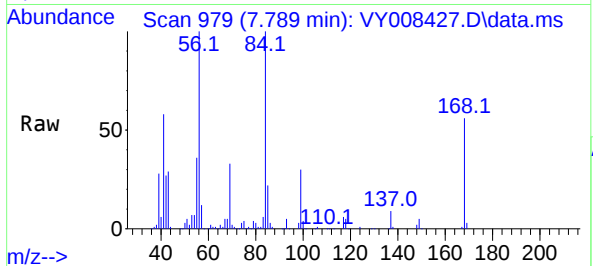
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

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

Tgt Ion:168 Resp: 8808
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3

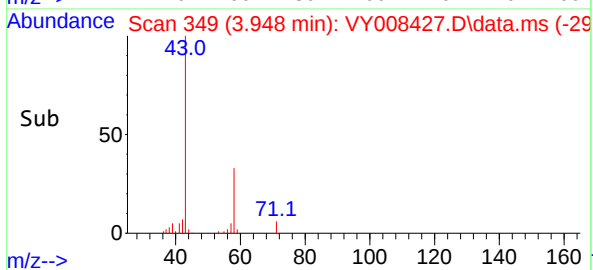
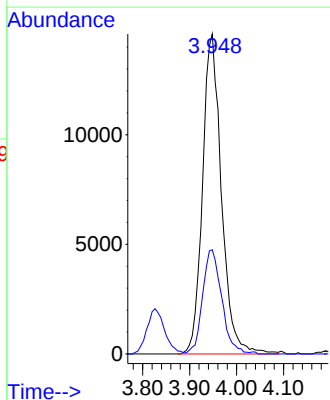
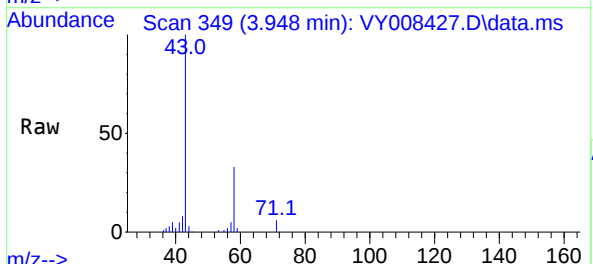
Manual Integrations
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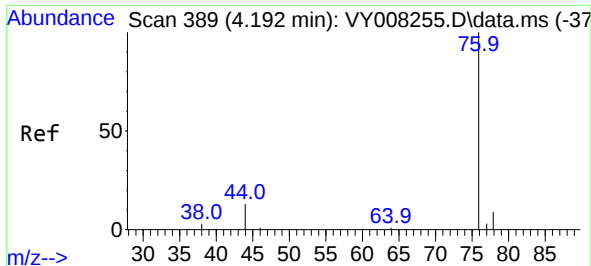
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 205.076 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

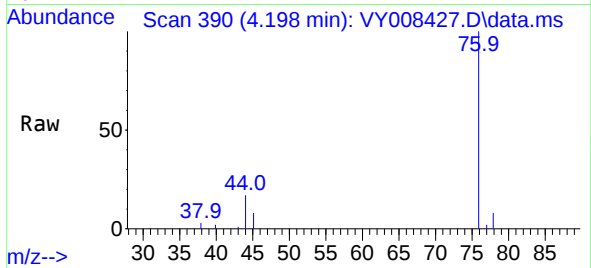
Tgt Ion: 43 Resp: 40813
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0





#17
Carbon Disulfide
Concen: 4.820 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

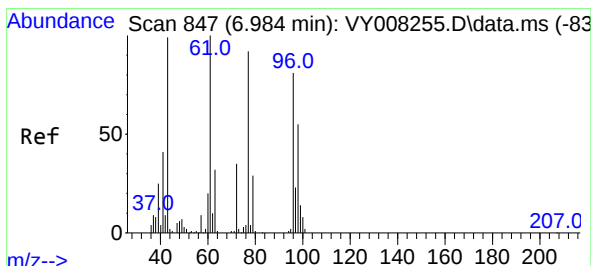
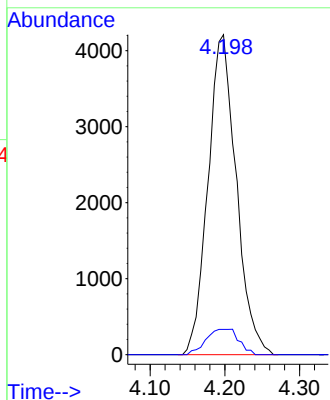
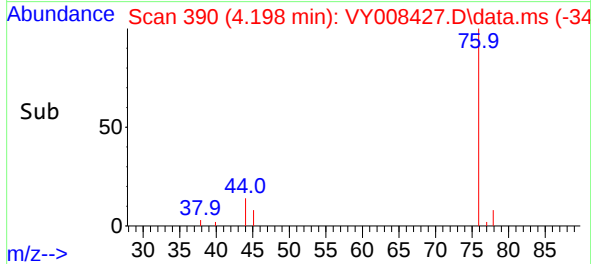
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



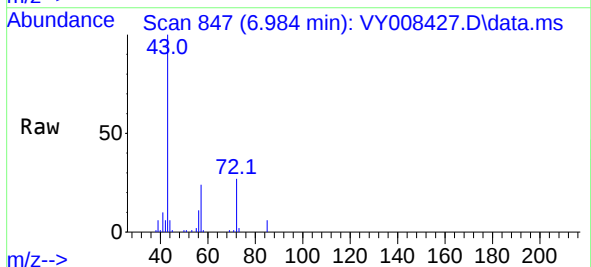
Tgt Ion: 76 Resp: 1104
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

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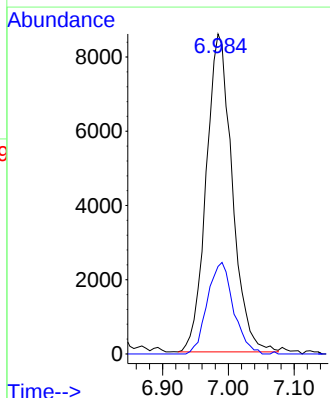
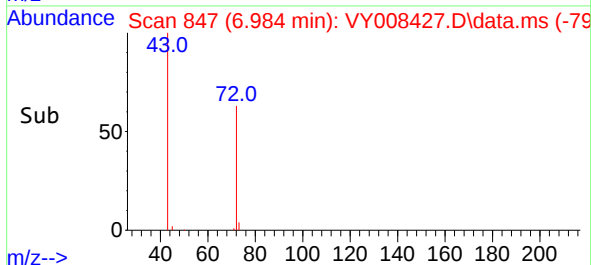
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

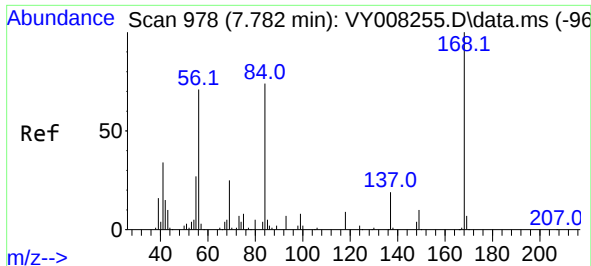


#25
2-Butanone
Concen: 75.773 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



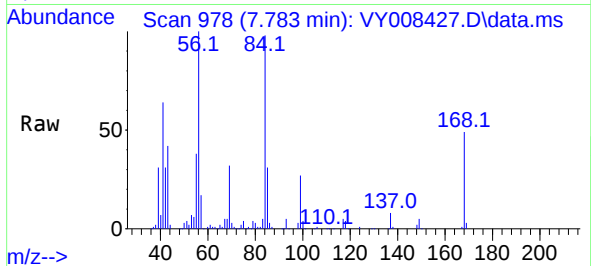
Tgt Ion: 43 Resp: 23580
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5#





#31
Cyclohexane
Concen: 139.265 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

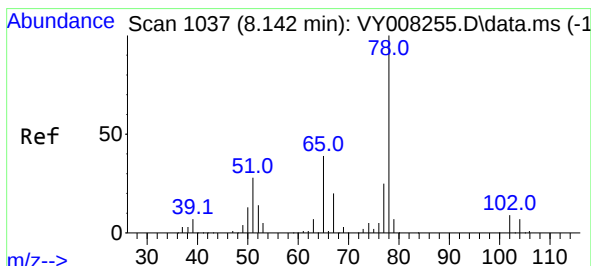
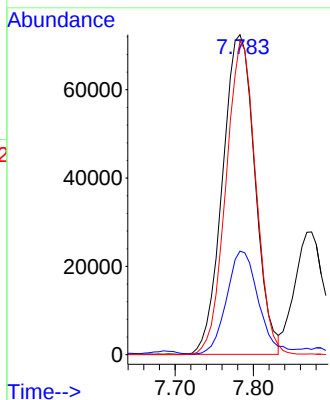
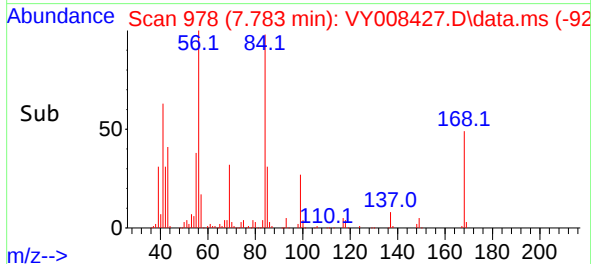
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



Tgt Ion: 56 Resp: 208372
Ion Ratio Lower Upper
56 100
69 31.8 26.7 40.1
84 98.2 67.2 100.8

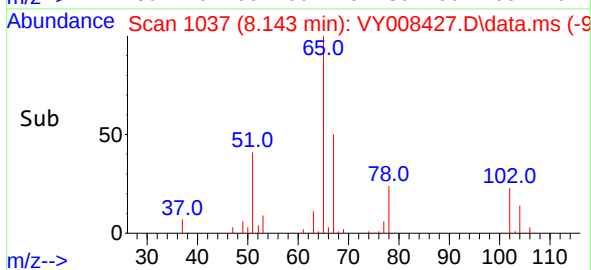
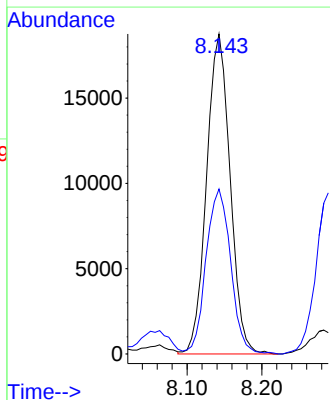
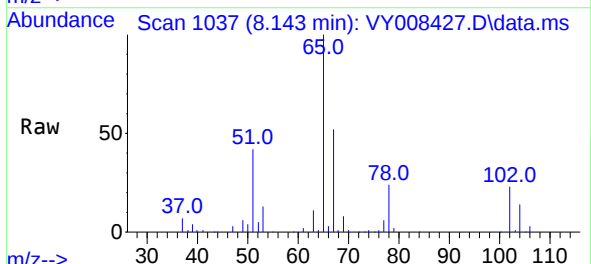
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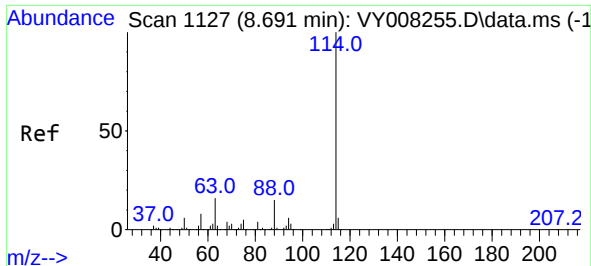
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 49.639 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 65 Resp: 41072
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: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-2

Tgt Ion:114 Resp: 14472

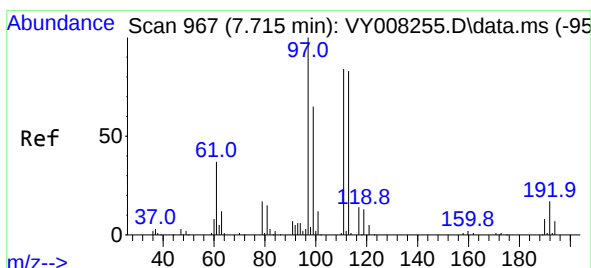
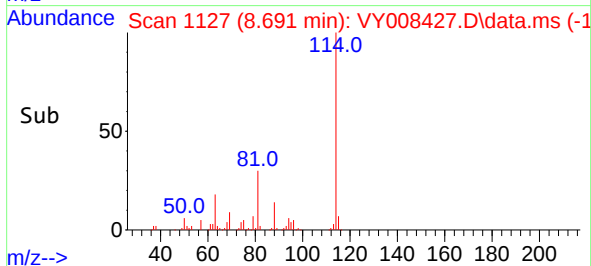
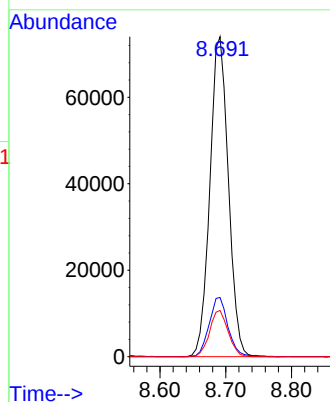
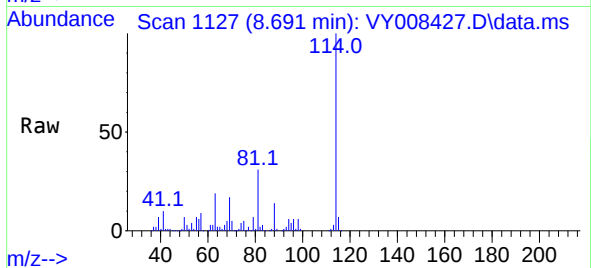
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	14.5	0.0	31.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2022



#35

Dibromofluoromethane

Concen: 50.951 ug/l

RT: 7.716 min Scan# 967

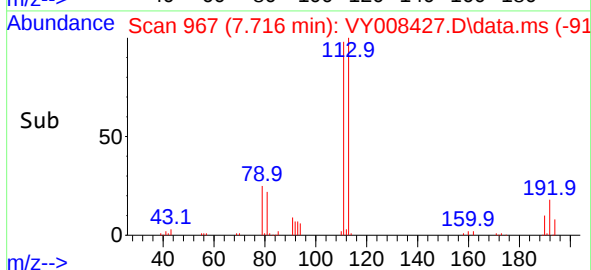
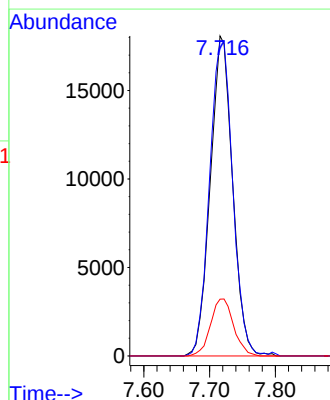
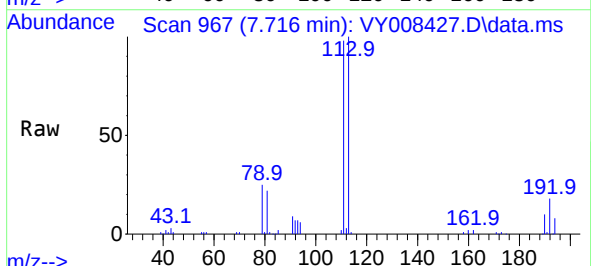
Delta R.T. 0.001 min

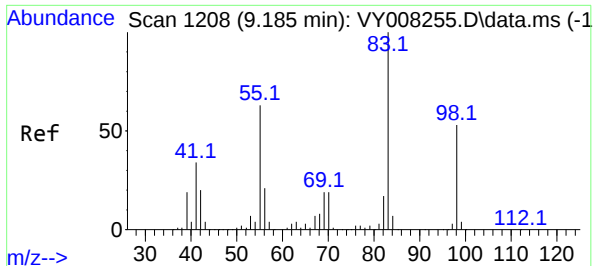
Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Tgt Ion:113 Resp: 42589

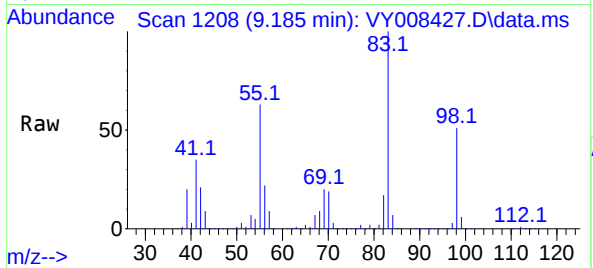
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	18.5	17.6	26.4





#39
Methylcyclohexane
Concen: 476.462 ug/l
RT: 9.185 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

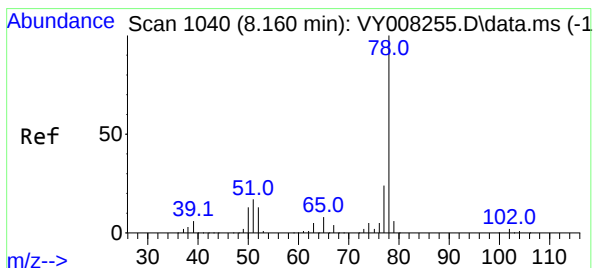
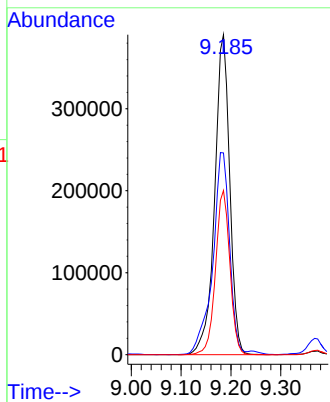
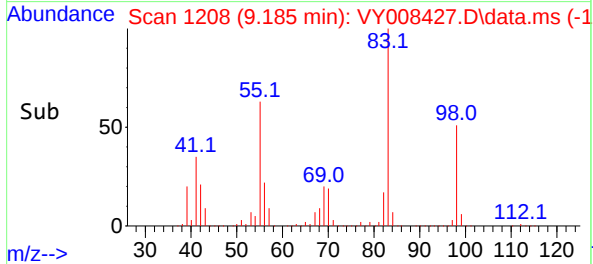
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



Tgt Ion: 83 Resp: 81828
Ion Ratio Lower Upper
83 100
55 63.0 66.5 99.7
98 51.3 37.9 56.9

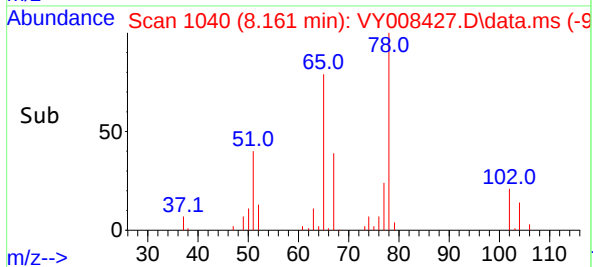
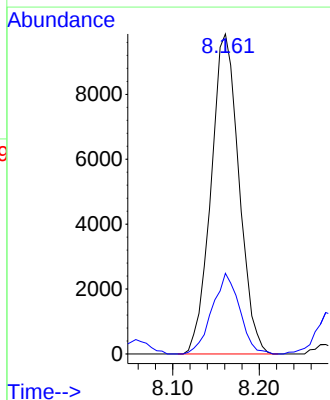
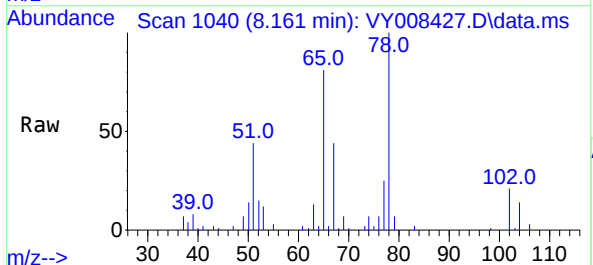
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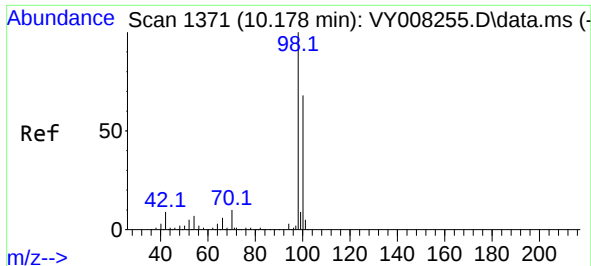
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#40
Benzene
Concen: 5.552 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

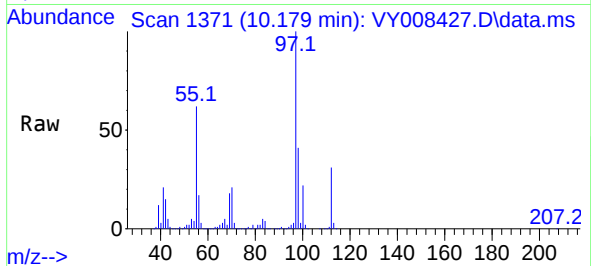
Tgt Ion: 78 Resp: 22067
Ion Ratio Lower Upper
78 100
77 25.2 20.4 30.6





#50
Toluene-d8
Concen: 82.953 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

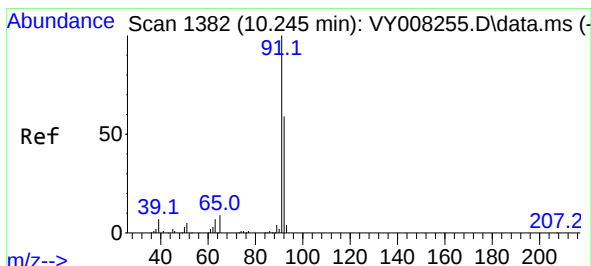
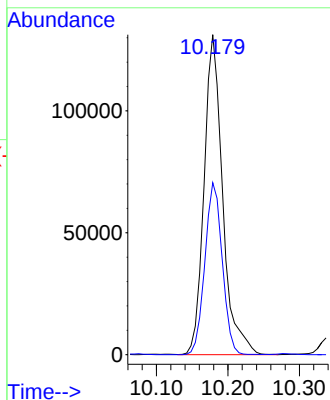
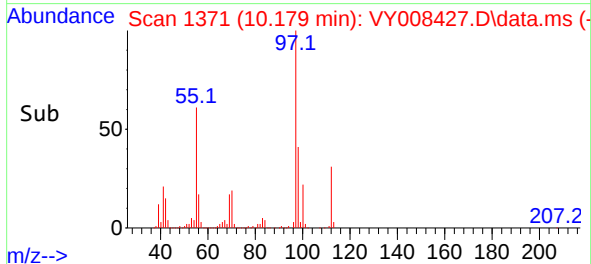
Instrument :
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WC-15-1-2



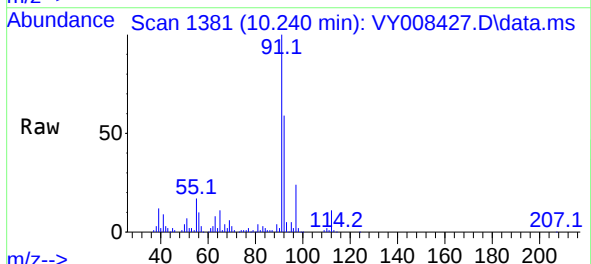
Tgt Ion: 98 Resp: 23726
Ion Ratio Lower Upper
98 100
100 50.1 50.2 75.2

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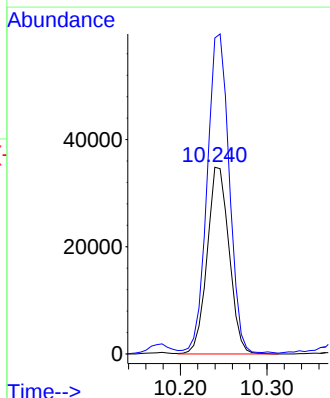
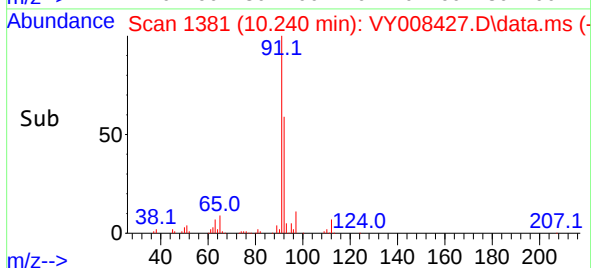
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

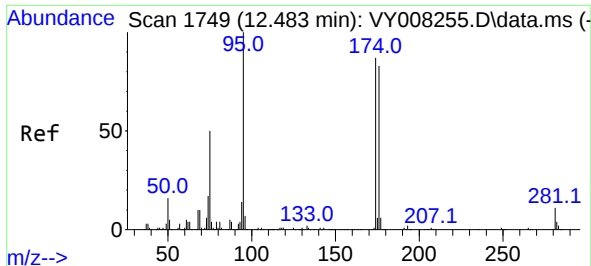


#52
Toluene
Concen: 23.376 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



Tgt Ion: 92 Resp: 61217
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





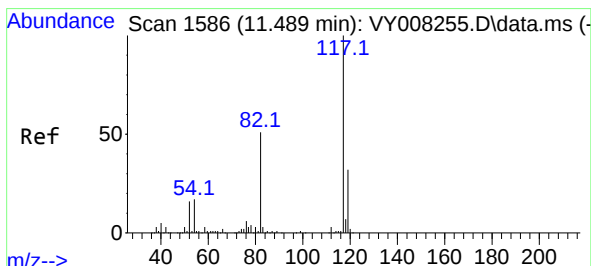
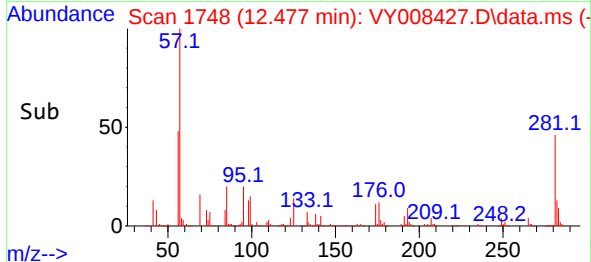
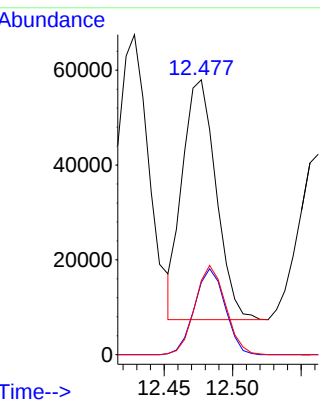
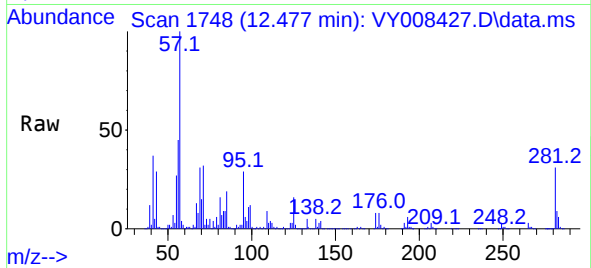
#62
4-Bromofluorobenzene
Concen: 80.422 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

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

Tgt Ion: 95 Resp: 86518
Ion Ratio Lower Upper
95 100
174 32.5 0.0 177.0
176 33.8 0.0 175.8

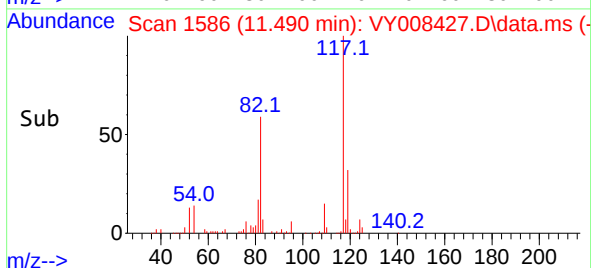
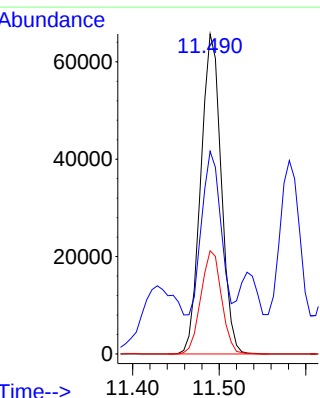
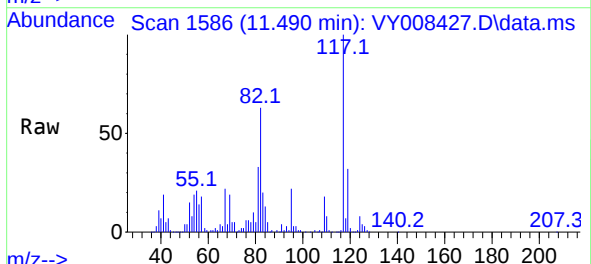
Manual Integrations
APPROVED

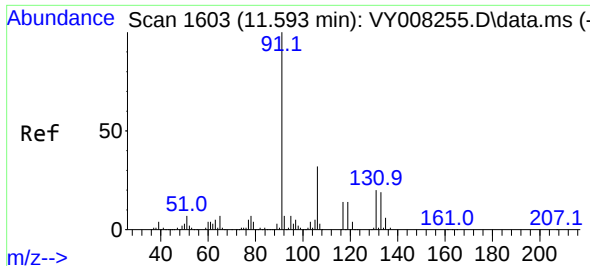
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

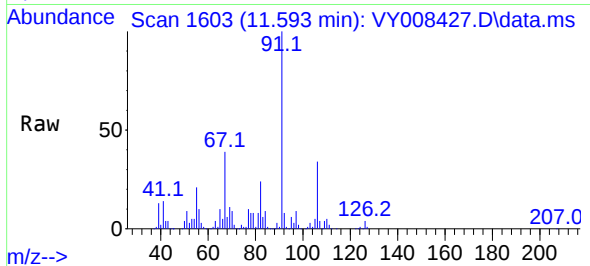
Tgt Ion:117 Resp: 107488
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.2 25.4 38.0





#67
Ethyl Benzene
Concen: 40.858 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

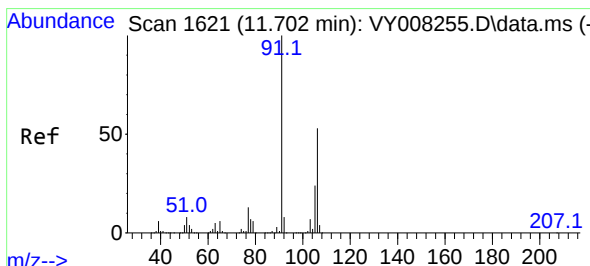
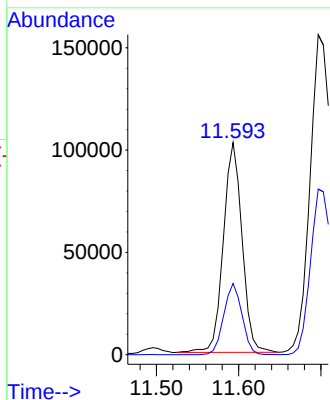
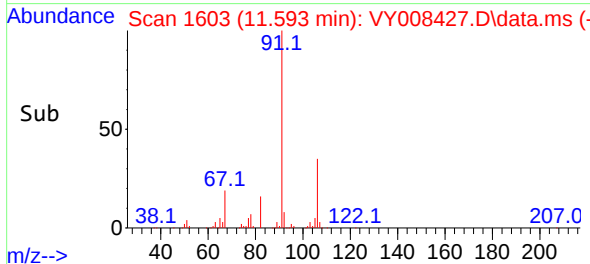
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



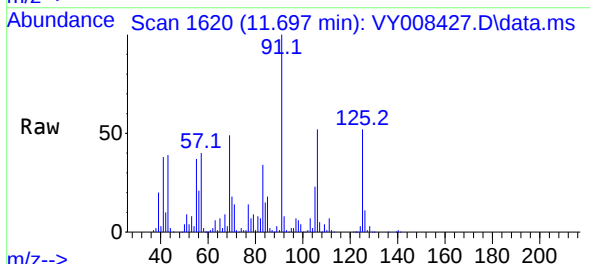
Tgt Ion: 91 Resp: 16196
Ion Ratio Lower Upper
91 100
106 34.0 24.5 36.7

Manual Integrations
APPROVED

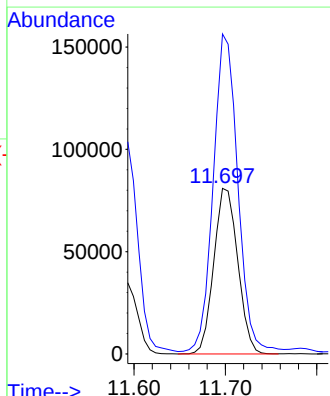
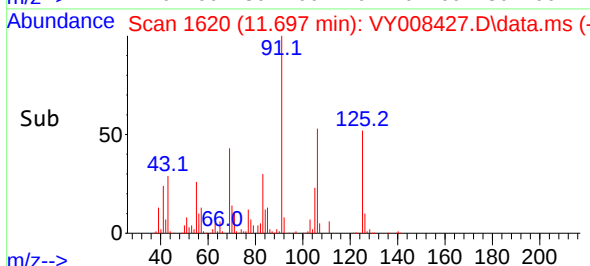
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

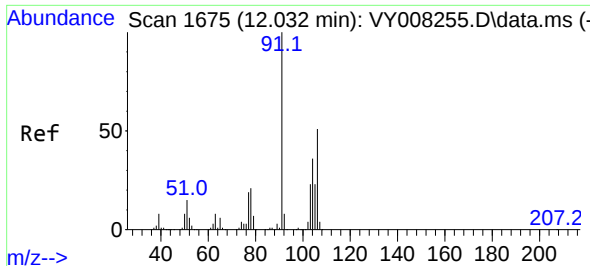


#68
m/p-Xylenes
Concen: 93.589 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



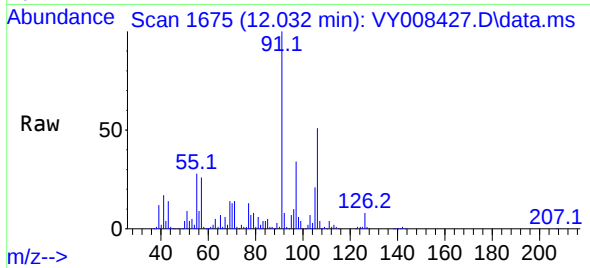
Tgt Ion:106 Resp: 147547
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8





#69
o-Xylene
Concen: 122.402 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

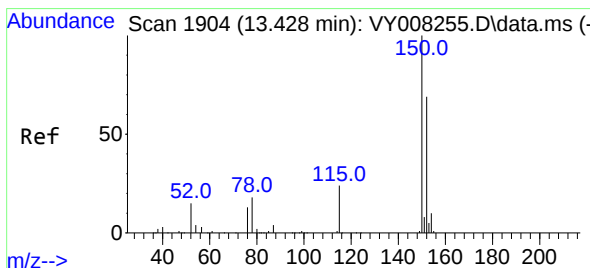
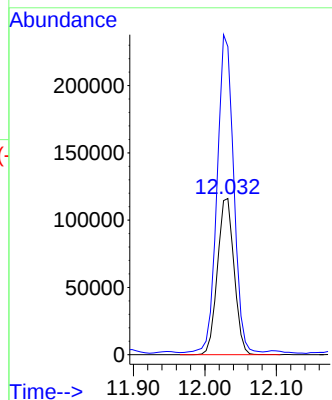
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



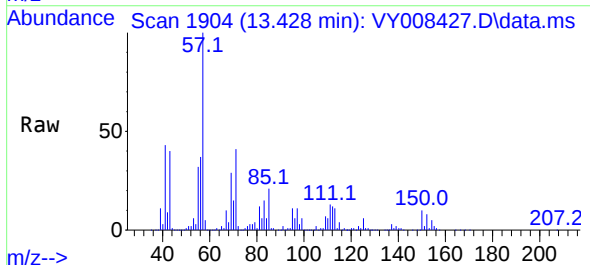
Tgt Ion:106 Resp: 187264
Ion Ratio Lower Upper
106 100
91 202.3 110.3 331.0

Manual Integrations
APPROVED

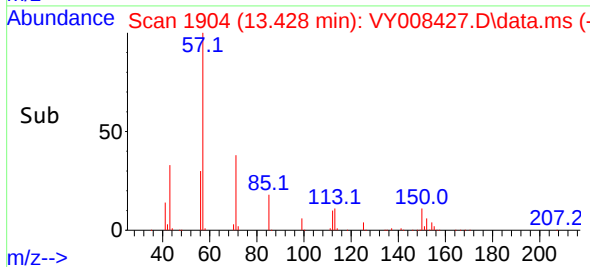
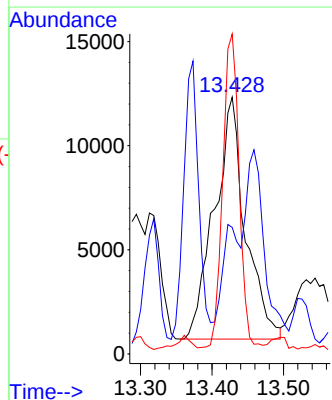
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

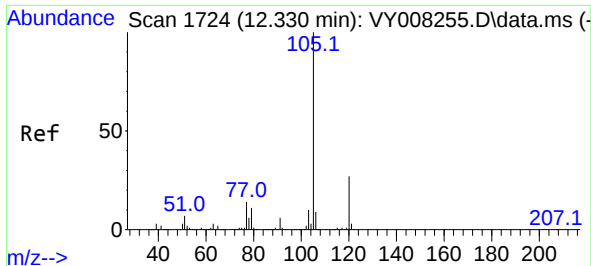


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



Tgt Ion:152 Resp: 34930
Ion Ratio Lower Upper
152 100
115 26.3 28.2 84.7#
150 69.7 0.0 347.6





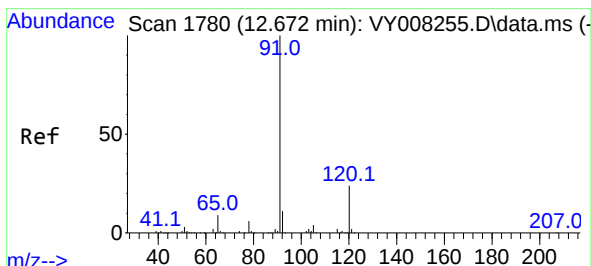
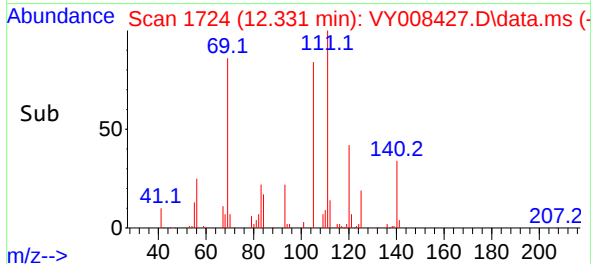
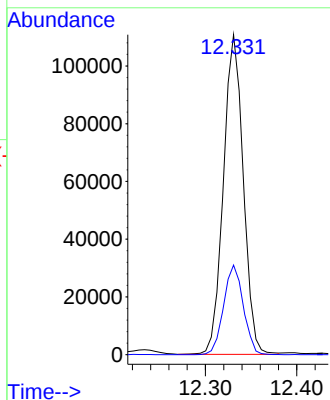
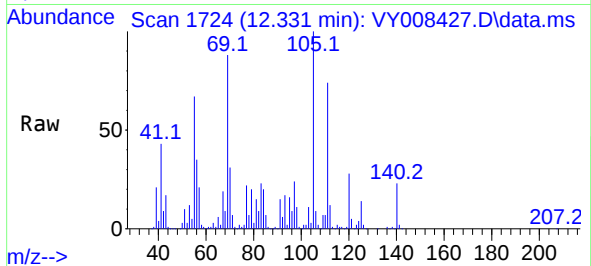
#73
Isopropylbenzene
Concen: 64.508 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

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

Tgt Ion:105 Resp: 16752
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

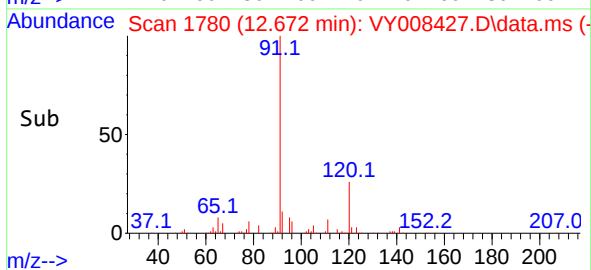
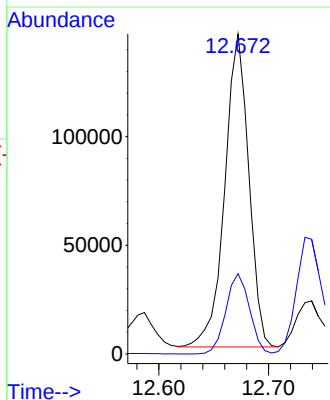
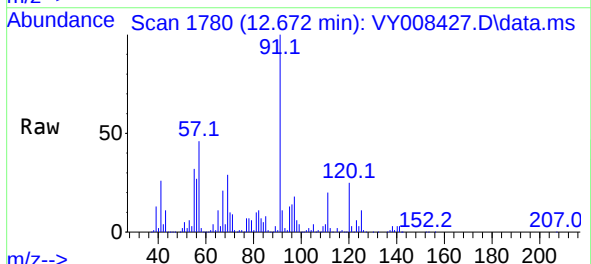
Manual Integrations
APPROVED

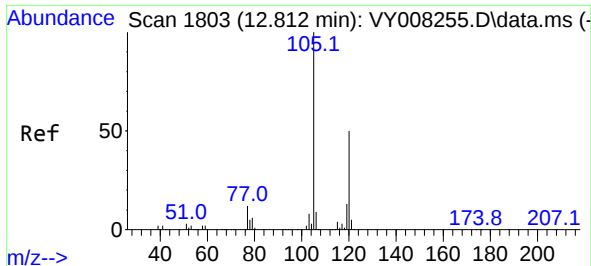
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 71.255 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

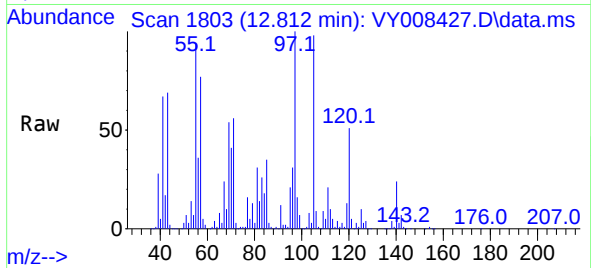
Tgt Ion: 91 Resp: 218357
Ion Ratio Lower Upper
91 100
120 25.3 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 218.869 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

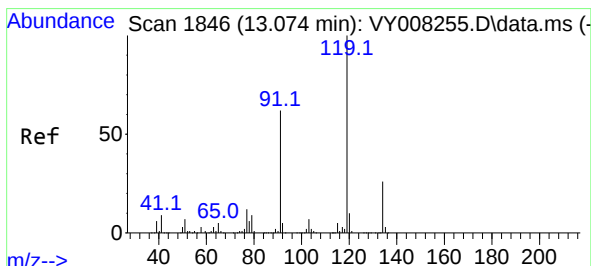
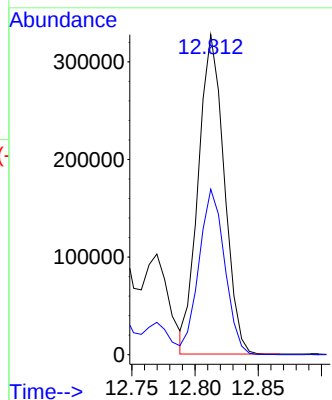
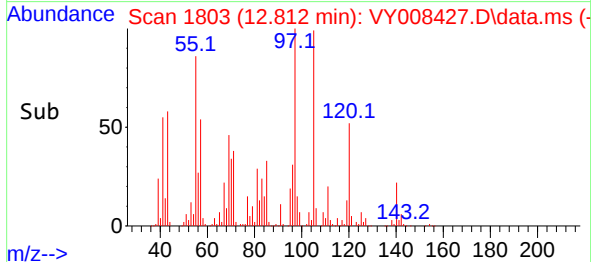
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



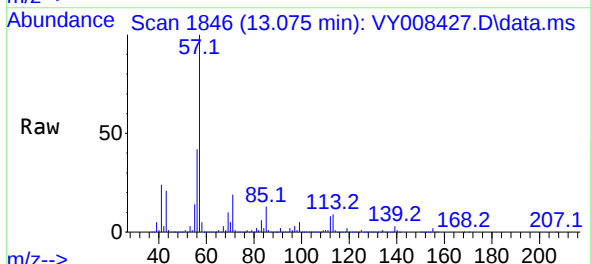
Tgt Ion:105 Resp: 46608
Ion Ratio Lower Upper
105 100
120 51.6 24.4 73.4

Manual Integrations
APPROVED

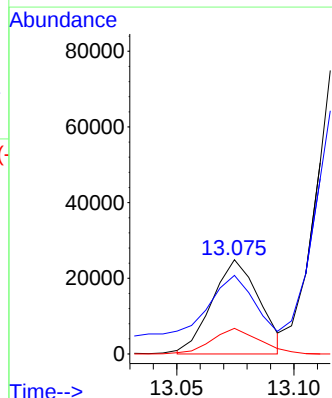
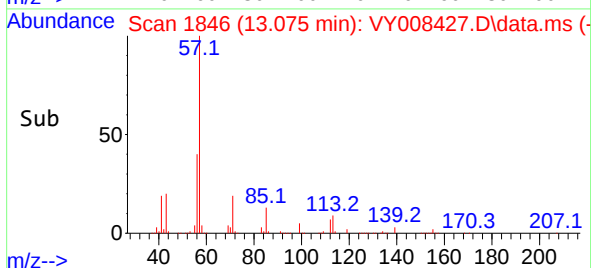
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

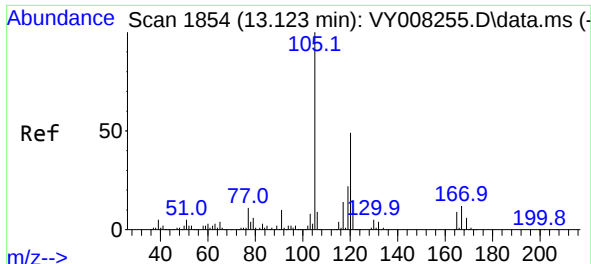


#83
tert-Butylbenzene
Concen: 18.321 ug/l m
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



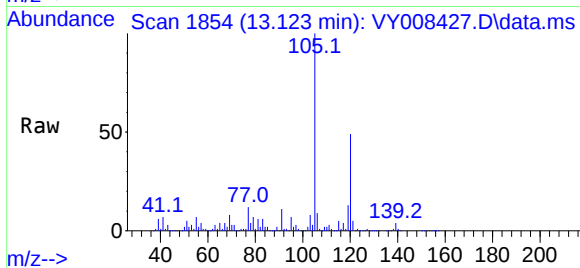
Tgt Ion:119 Resp: 35000
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.4#
134 0.0 13.3 39.9#





#84
1,2,4-Trimethylbenzene
Concen: 484.777 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

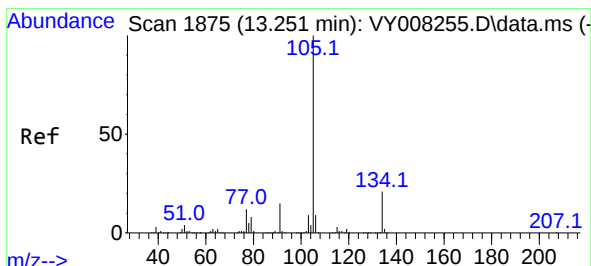
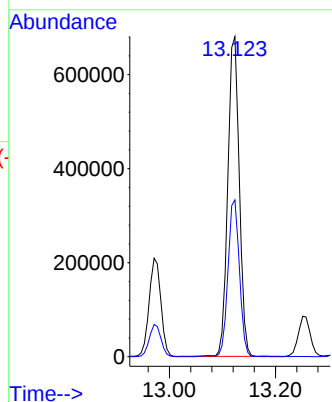
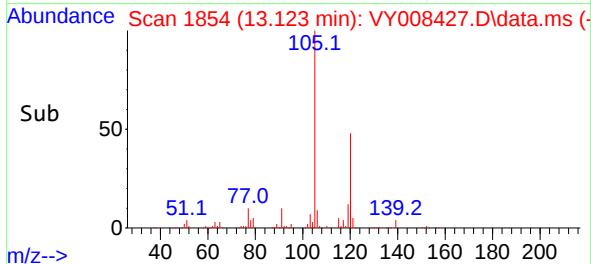
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



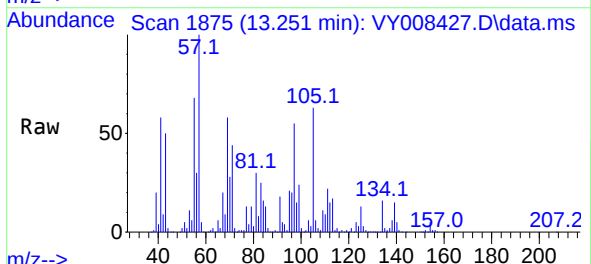
Tgt Ion:105 Resp: 102163
Ion Ratio Lower Upper
105 100
120 49.2 22.3 66.9

Manual Integrations
APPROVED

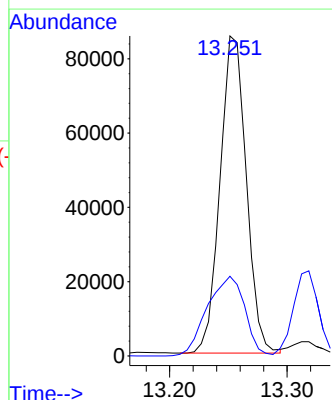
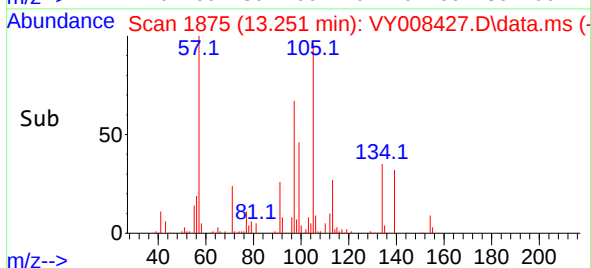
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

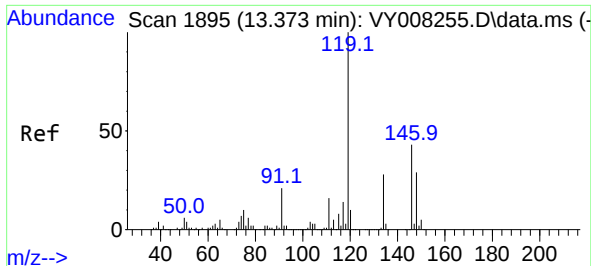


#85
sec-Butylbenzene
Concen: 46.836 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



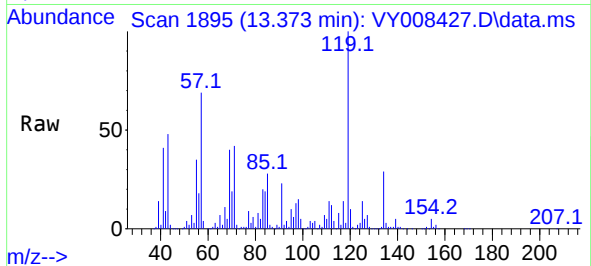
Tgt Ion:105 Resp: 132650
Ion Ratio Lower Upper
105 100
134 35.9 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 103.908 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

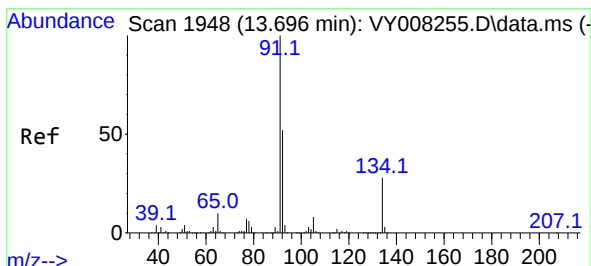
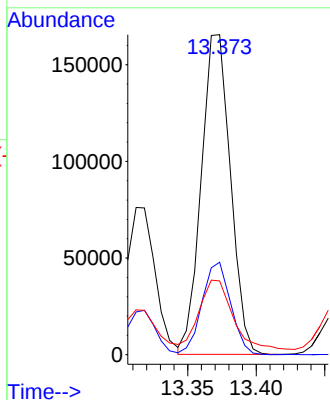
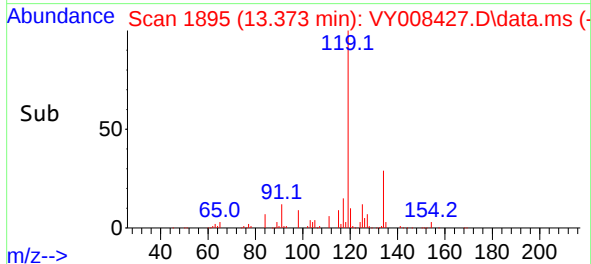
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2



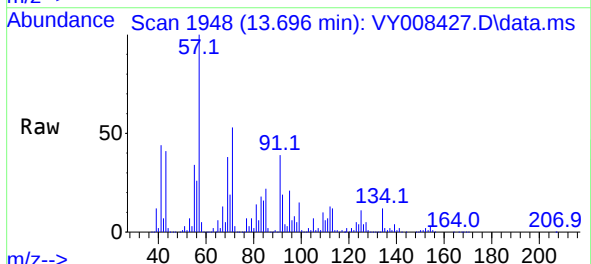
Tgt Ion:119 Resp: 24558
Ion Ratio Lower Upper
119 100
134 28.3 13.2 39.5
91 24.4 12.4 37.2

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 33.000 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



Tgt Ion: 91 Resp: 70467
Ion Ratio Lower Upper
91 100
92 59.3 26.3 78.9
134 0.0 13.0 38.9#

