

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008141.D
 Acq On : 31 Mar 2022 15:55
 Operator : SY/MD
 Sample : N2123-01
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220388-COMP-CS-1

Quant Time: Apr 01 04:33:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	112123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57041	50.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.420%			
35) Dibromofluoromethane	7.715	113	57712	47.613	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.220%			
50) Toluene-d8	10.178	98	266425	58.341	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.680%			
62) 4-Bromofluorobenzene	12.483	95	70572	43.803	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.600%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	14102	54.845	ug/l #	89
17) Carbon Disulfide	4.198	76	3973	1.179	ug/l #	82
25) 2-Butanone	6.984	43	5831	14.902	ug/l #	78
31) Cyclohexane	7.770	56	39860	18.956	ug/l #	77
39) Methylcyclohexane	9.185	83	230655	89.749	ug/l	88
40) Benzene	8.161	78	7673	1.409	ug/l	92
52) Toluene	10.245	92	35185	9.851	ug/l	95
67) Ethyl Benzene	11.593	91	1041834	175.227	ug/l	95
68) m/p-Xylenes	11.696	106	343954	145.485	ug/l	89
69) o-Xylene	12.032	106	245721	108.552	ug/l	88
73) Isopropylbenzene	12.330	105	522388	108.450	ug/l	97
78) n-propylbenzene	12.672	91	235786	41.499	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	357416	90.575	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	1805045	469.725	ug/l	94
85) sec-Butylbenzene	13.257	105	74228	14.304	ug/l #	63
86) p-Isopropyltoluene	13.373	119	804833	186.361	ug/l	97
89) n-Butylbenzene	13.696	91	107000m	26.929	ug/l	

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

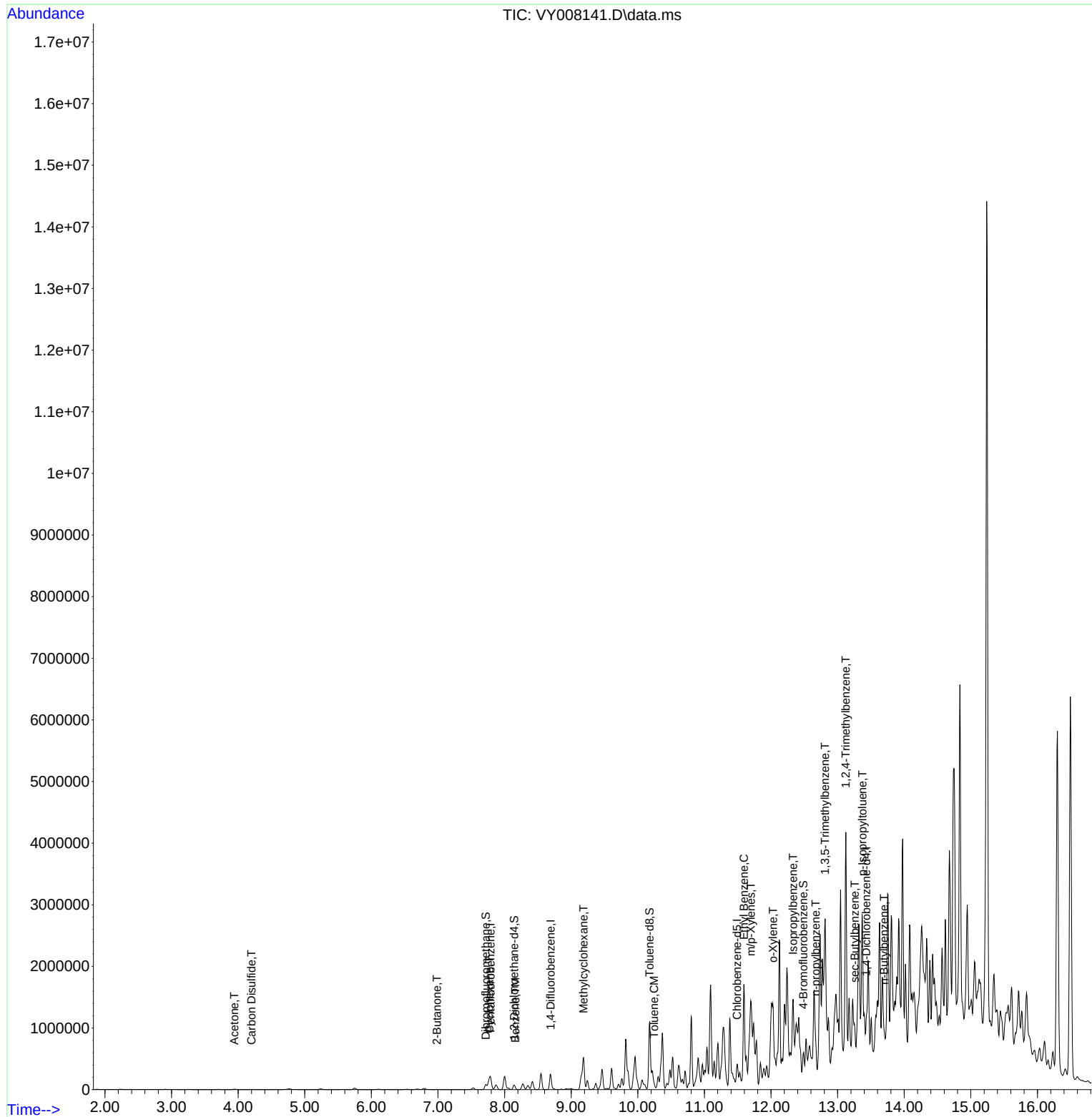
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008141.D
Acq On : 31 Mar 2022 15:55
Operator : SY/MD
Sample : N2123-01
Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

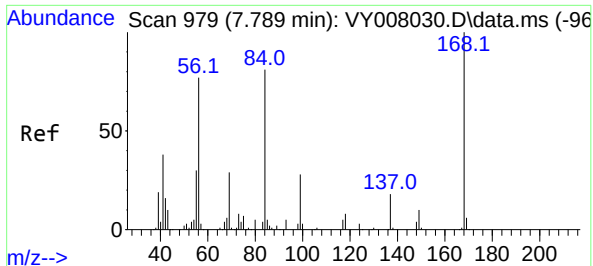
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

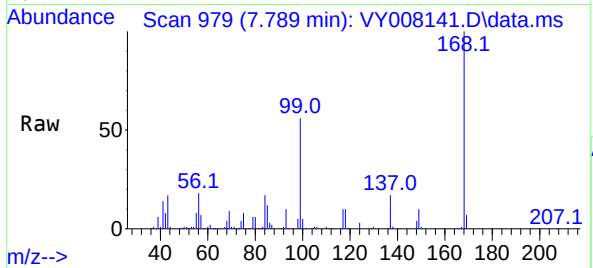
Quant Time: Apr 01 04:33:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

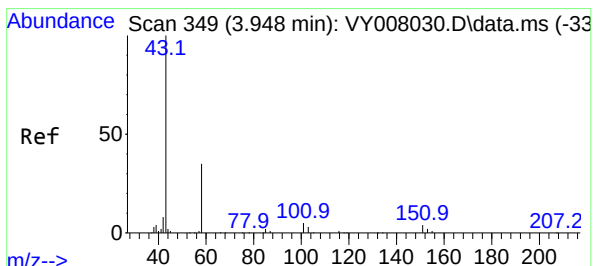
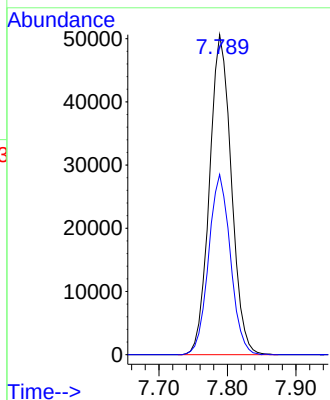
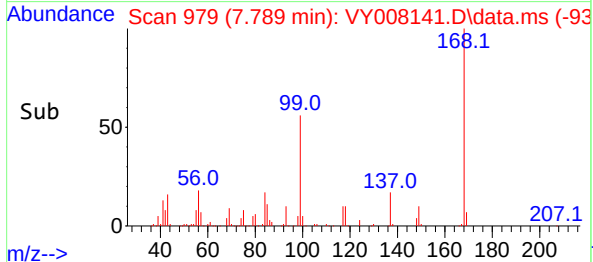
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



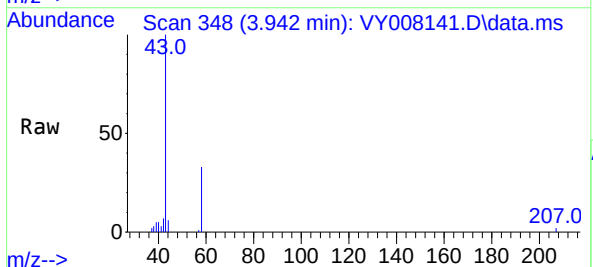
Tgt Ion:168 Resp: 11212
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3

Manual Integrations
APPROVED

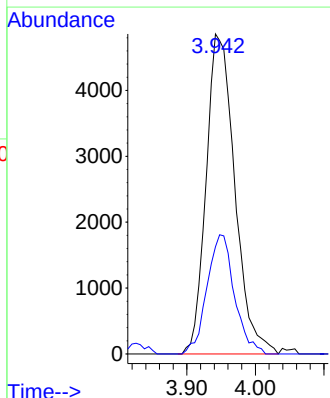
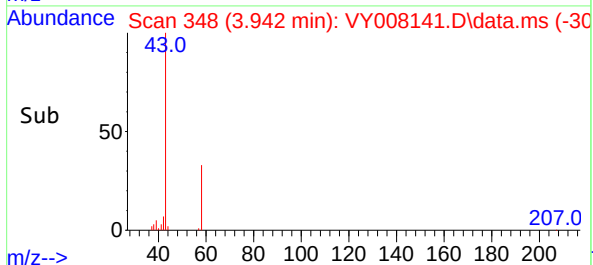
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

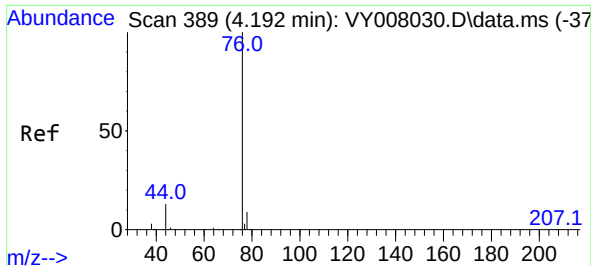


#16
Acetone
Concen: 54.845 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55



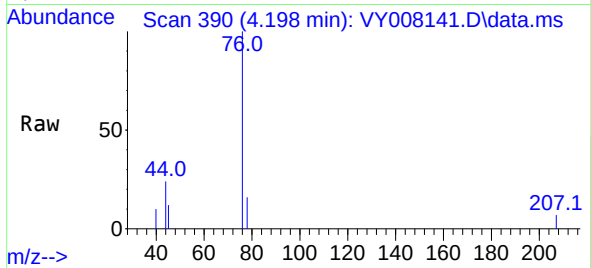
Tgt Ion: 43 Resp: 14102
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#





#17
Carbon Disulfide
Concen: 1.179 ug/l
RT: 4.198 min Scan# 397
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

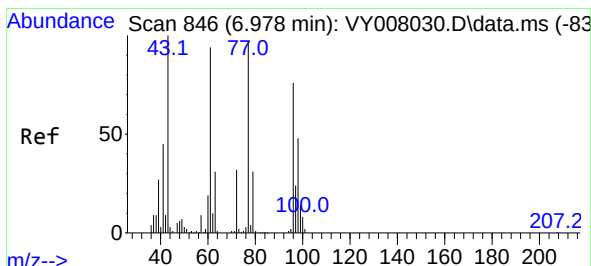
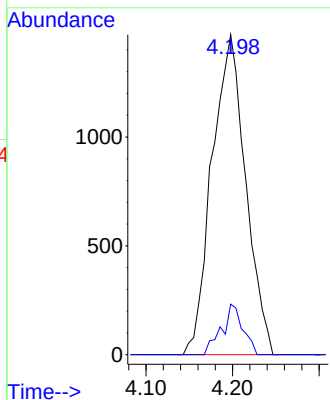
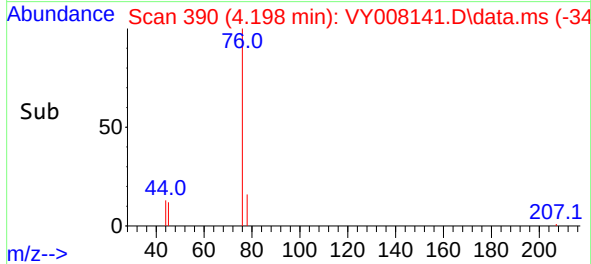
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



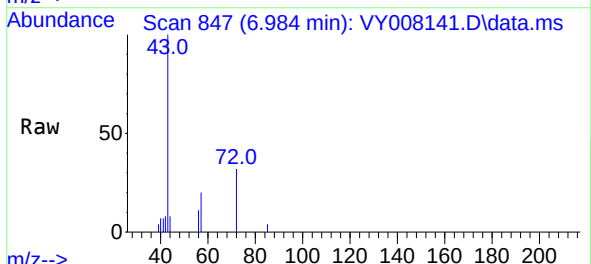
Tgt Ion: 76 Resp: 397
Ion Ratio Lower Upper
76 100
78 15.8 7.4 11.0

Manual Integrations
APPROVED

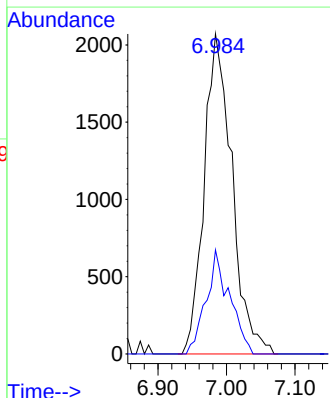
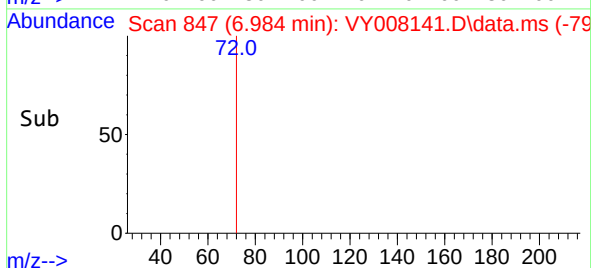
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

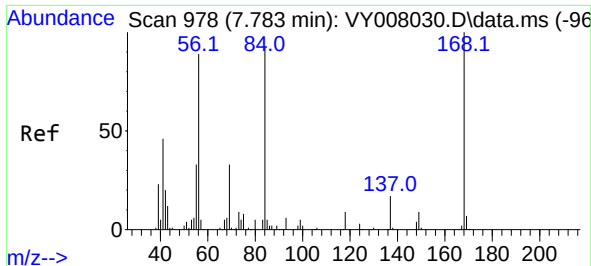


#25
2-Butanone
Concen: 14.902 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55



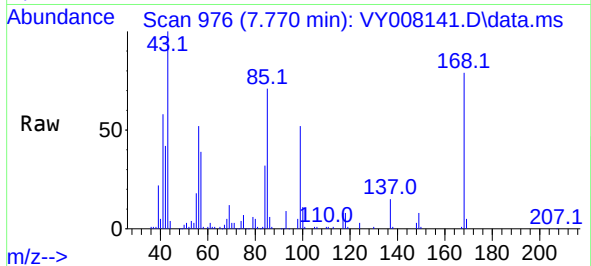
Tgt Ion: 43 Resp: 5831
Ion Ratio Lower Upper
43 100
72 32.5 17.7 26.5





#31
Cyclohexane
Concen: 18.956 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

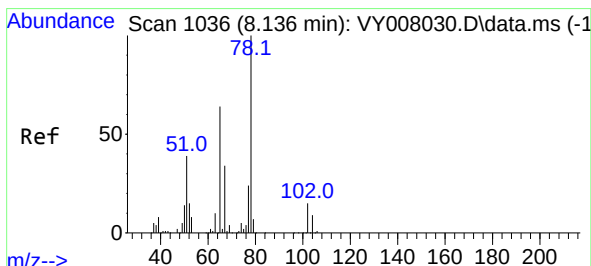
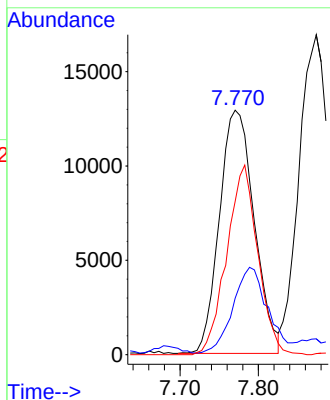
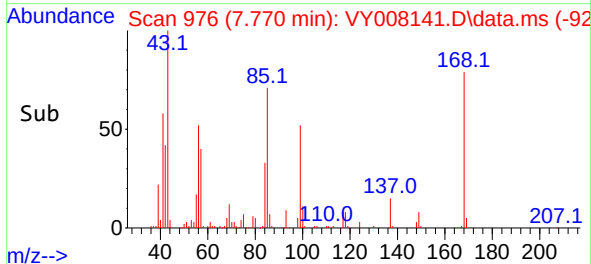
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



Tgt Ion: 56 Resp: 39860
Ion Ratio Lower Upper
56 100
69 20.6 26.7 40.1
84 63.0 67.2 100.8

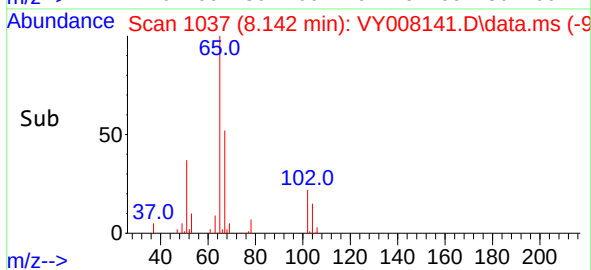
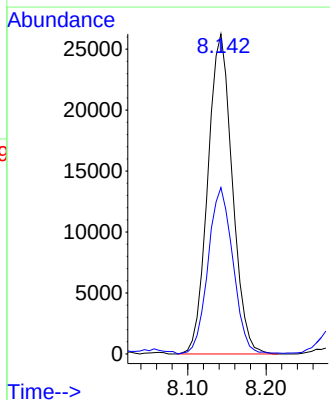
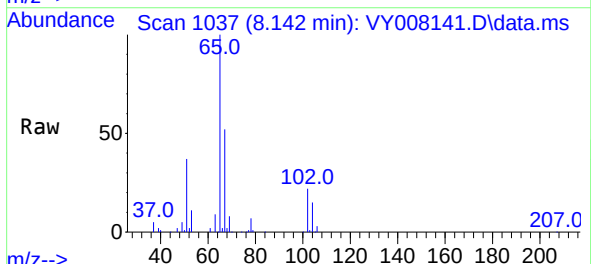
Manual Integrations
APPROVED

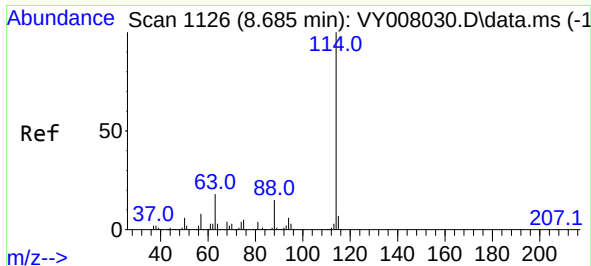
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#33
1,2-Dichloroethane-d4
Concen: 50.706 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Tgt Ion: 65 Resp: 57041
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





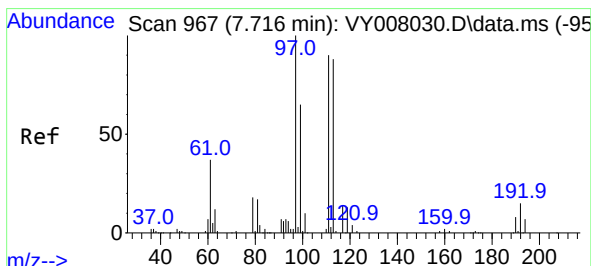
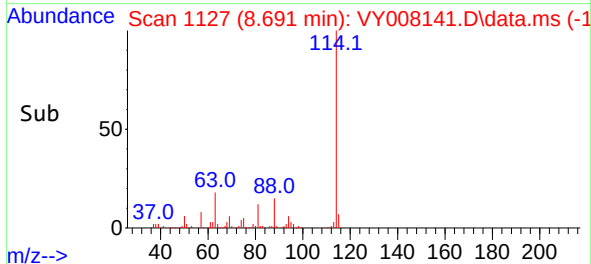
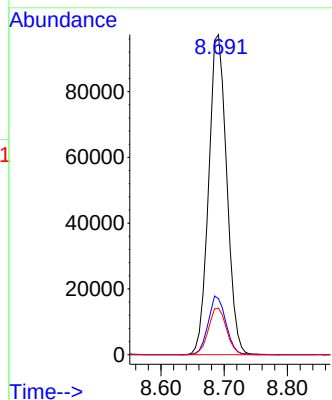
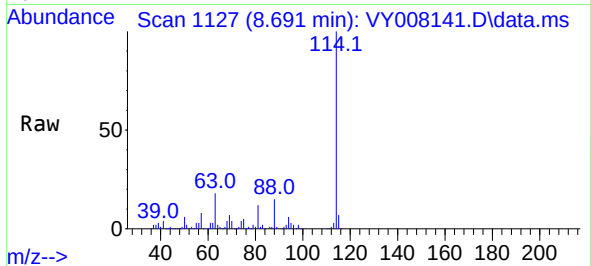
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1

Tgt Ion:114 Resp: 193329
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.6 0.0 31.8

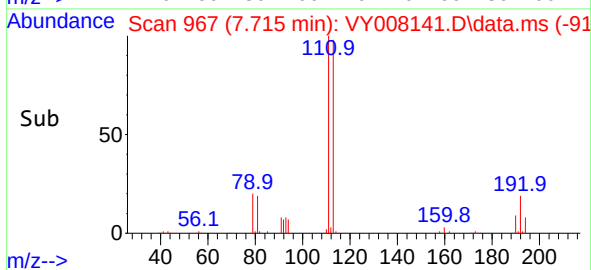
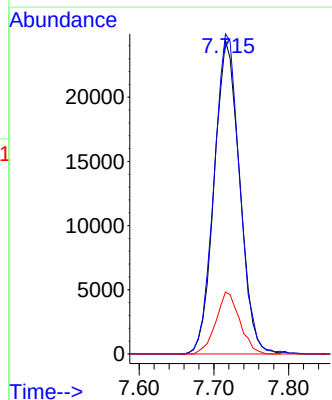
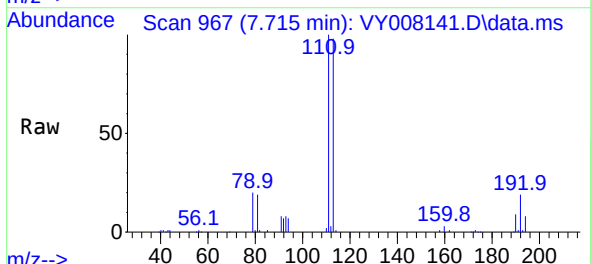
Manual Integrations
APPROVED

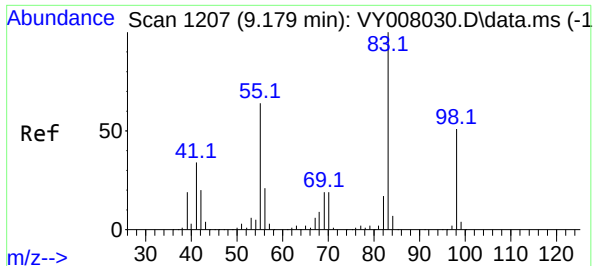
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#35
Dibromofluoromethane
Concen: 47.613 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Tgt Ion:113 Resp: 57712
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.5 17.6 26.4





#39

Methylcyclohexane

Concen: 89.749 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008141.D

Acq: 31 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

20220388-COMP-CS-1

Tgt Ion: 83 Resp: 23065

Ion Ratio Lower Upper

83 100

55 69.6 66.5 99.7

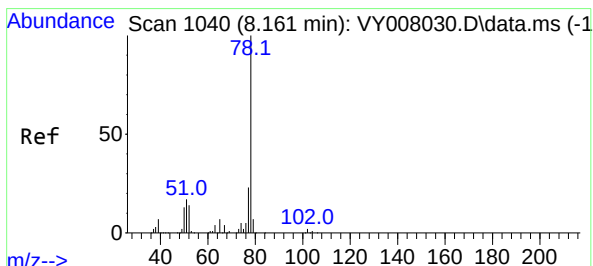
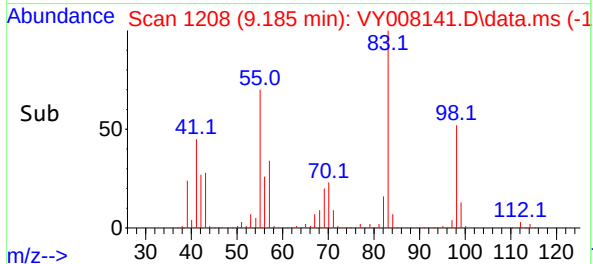
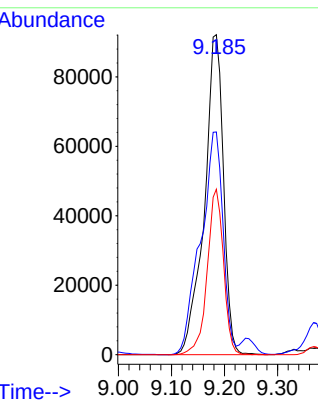
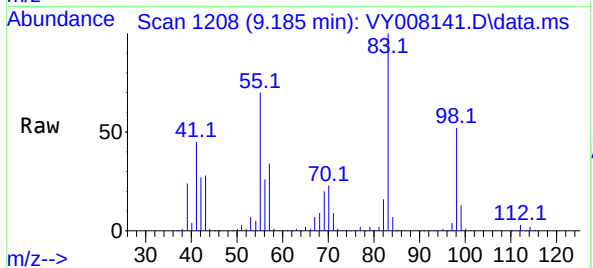
98 51.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022

Supervised By :Semsettin Yesilyurt 04/01/2022



#40

Benzene

Concen: 1.409 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008141.D

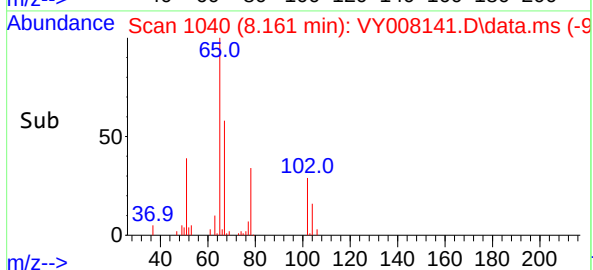
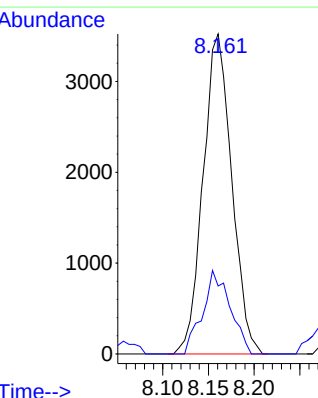
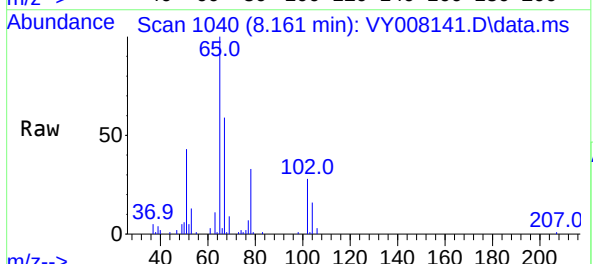
Acq: 31 Mar 2022 15:55

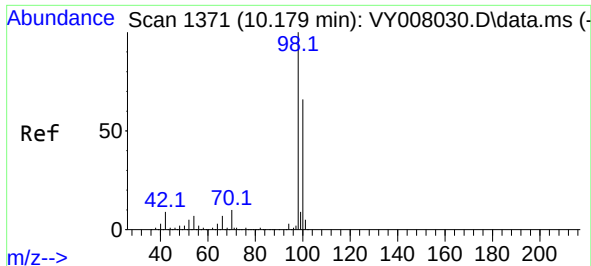
Tgt Ion: 78 Resp: 7673

Ion Ratio Lower Upper

78 100

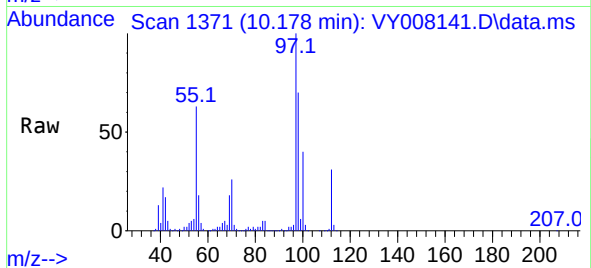
77 21.3 20.4 30.6





#50
Toluene-d8
Concen: 58.341 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

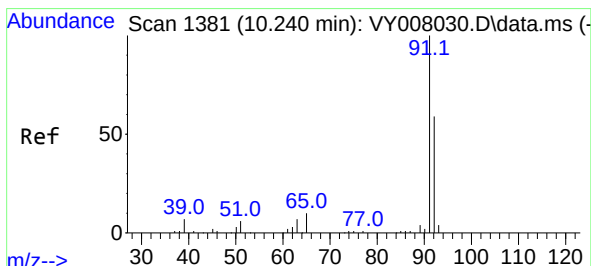
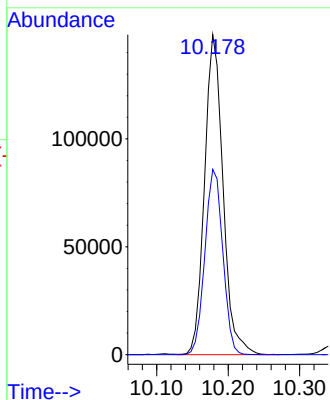
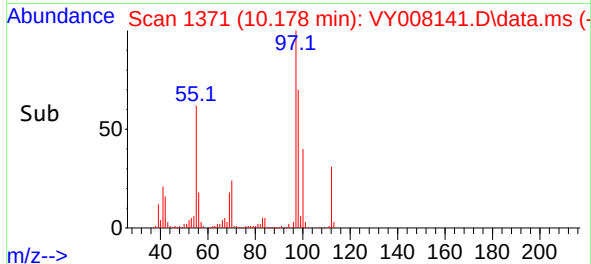
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



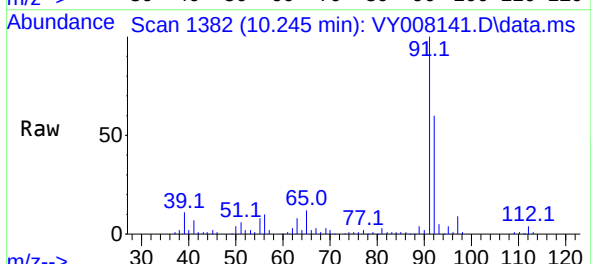
Tgt Ion: 98 Resp: 266425
Ion Ratio Lower Upper
98 100
100 56.0 50.2 75.2

Manual Integrations
APPROVED

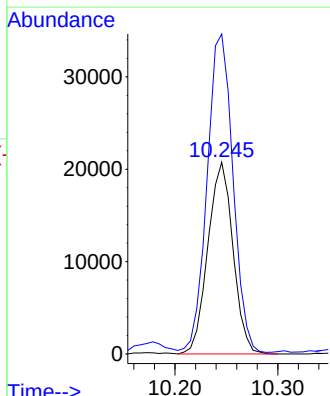
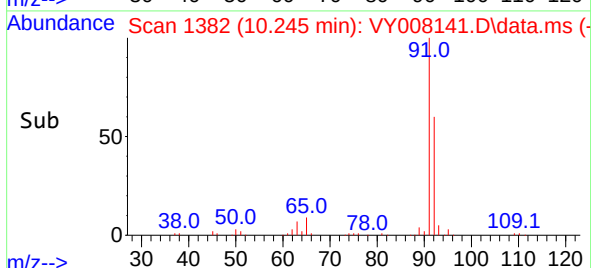
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

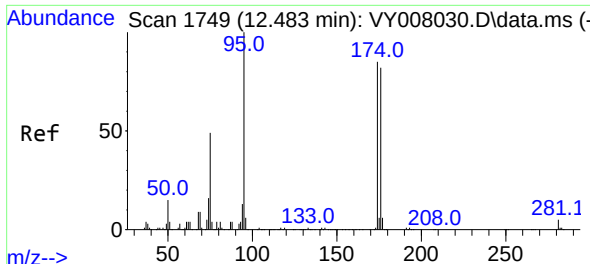


#52
Toluene
Concen: 9.851 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.005 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55



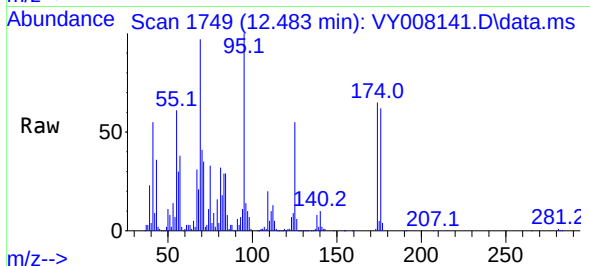
Tgt Ion: 92 Resp: 35185
Ion Ratio Lower Upper
92 100
91 171.1 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 43.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

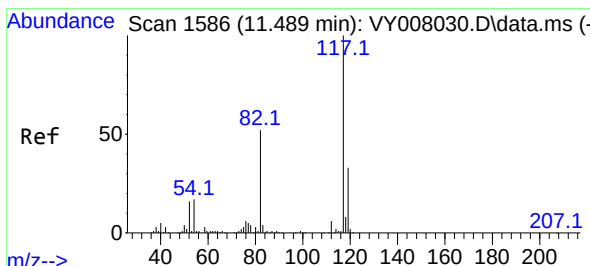
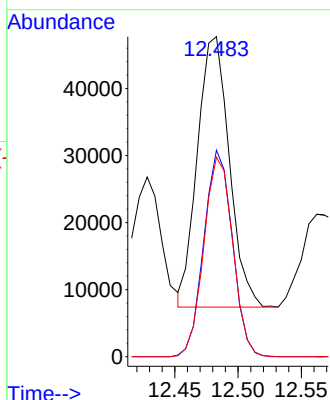
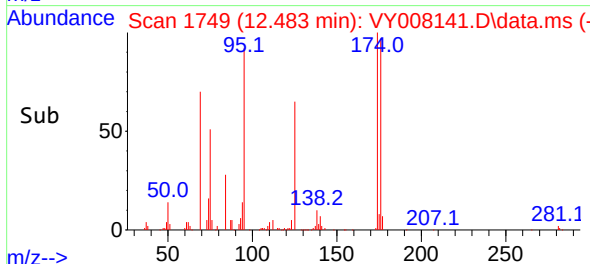
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



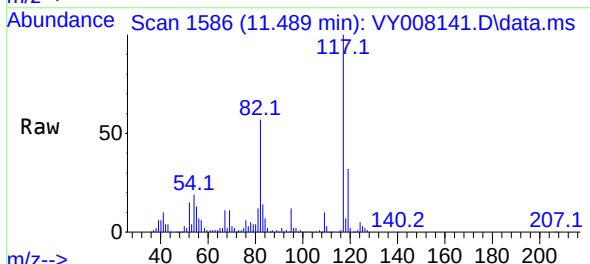
Tgt Ion: 95 Resp: 70572
Ion Ratio Lower Upper
95 100
174 68.3 0.0 177.0
176 66.9 0.0 175.8

Manual Integrations
APPROVED

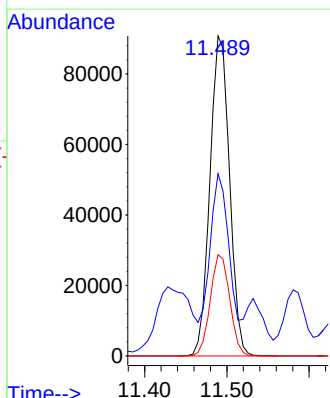
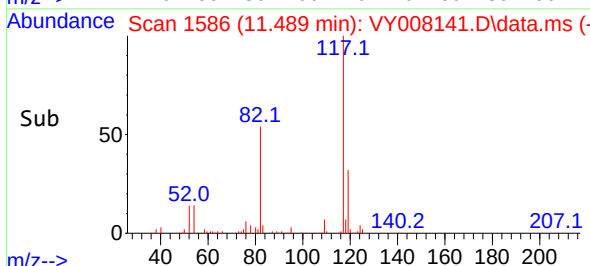
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

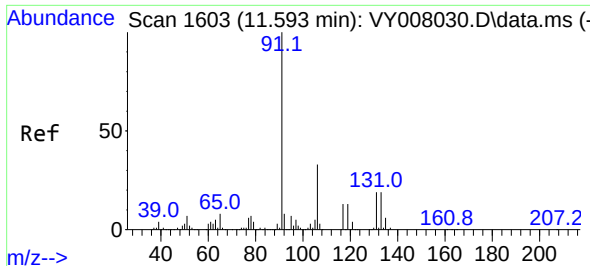


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55



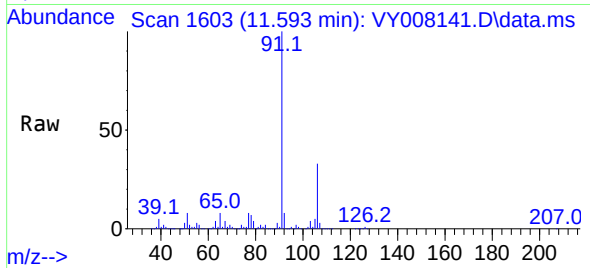
Tgt Ion:117 Resp: 150448
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 31.7 25.4 38.0





#67
Ethyl Benzene
Concen: 175.227 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

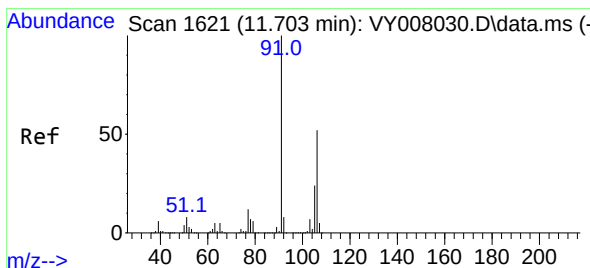
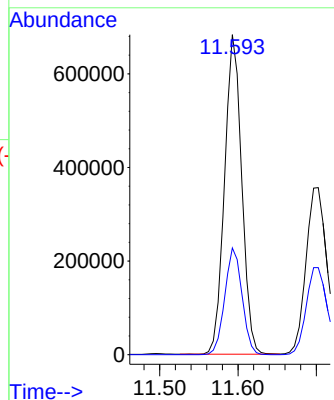
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



Tgt Ion: 91 Resp: 1041834
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7

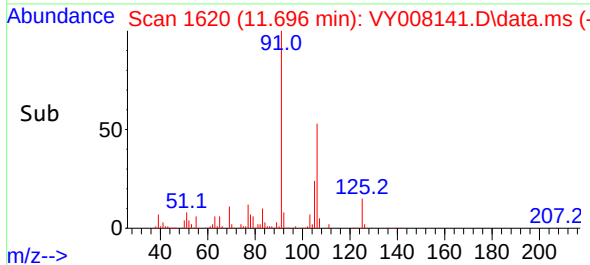
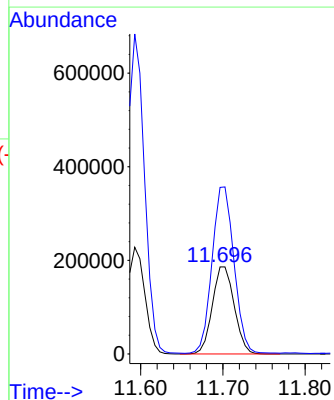
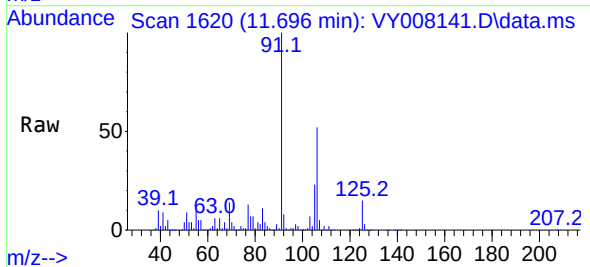
Manual Integrations
APPROVED

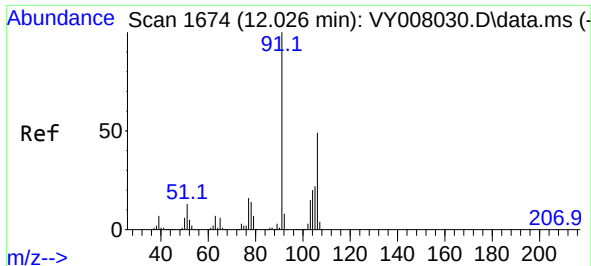
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#68
m/p-Xylenes
Concen: 145.485 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Tgt Ion:106 Resp: 343954
Ion Ratio Lower Upper
106 100
91 191.1 166.6 249.8





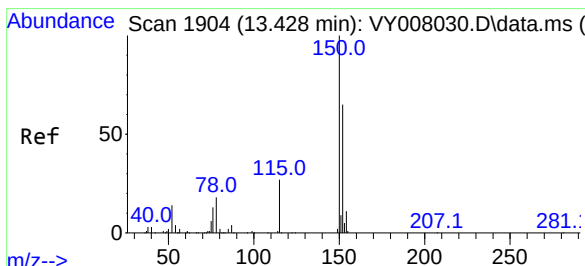
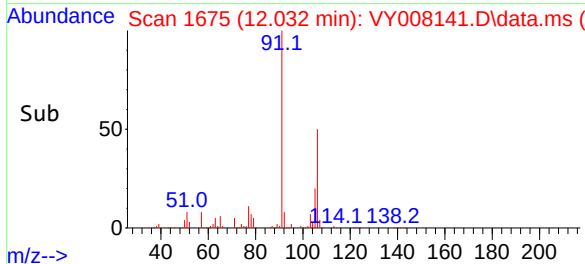
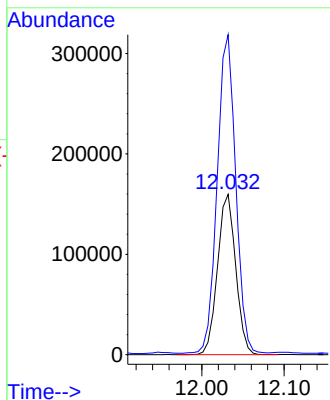
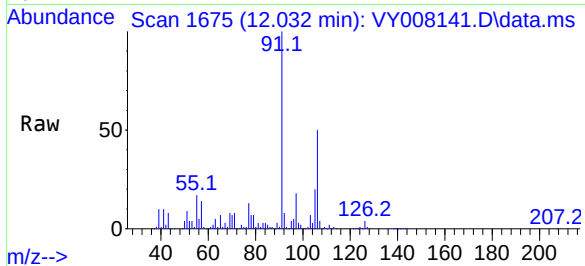
#69
o-Xylene
Concen: 108.552 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1

Tgt Ion:106 Resp: 24572
Ion Ratio Lower Upper
106 100
91 201.7 110.3 331.0

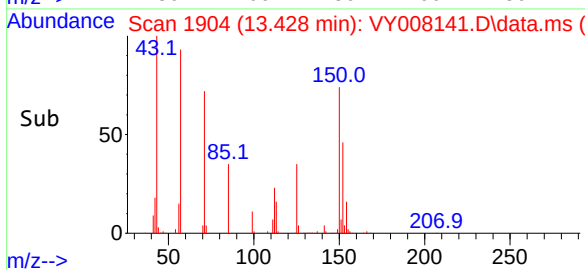
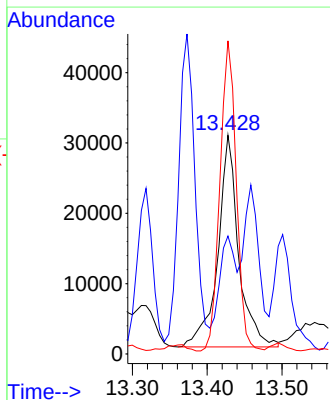
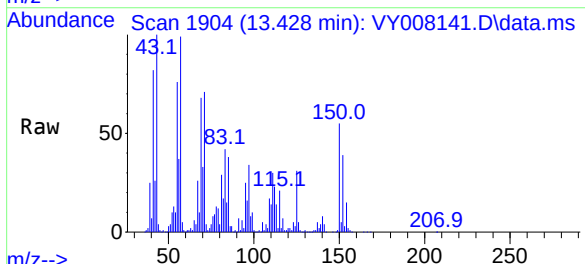
Manual Integrations
APPROVED

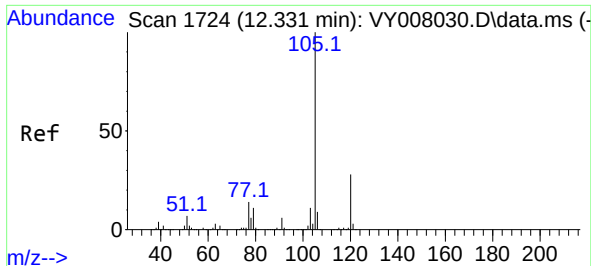
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

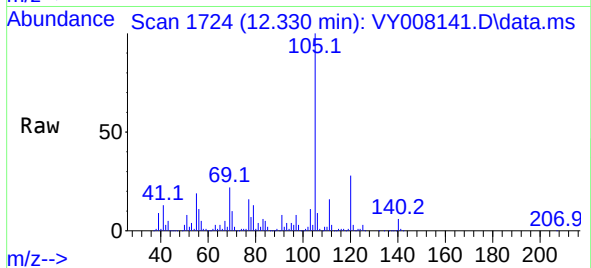
Tgt Ion:152 Resp: 58357
Ion Ratio Lower Upper
152 100
115 31.9 28.2 84.7
150 115.0 0.0 347.6





#73
Isopropylbenzene
Concen: 108.450 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

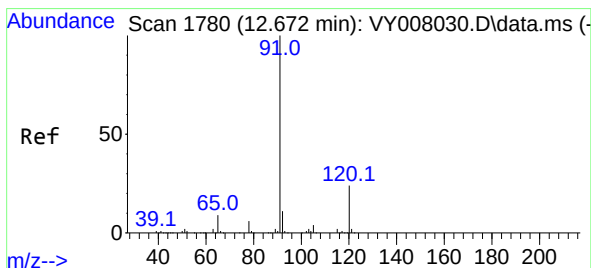
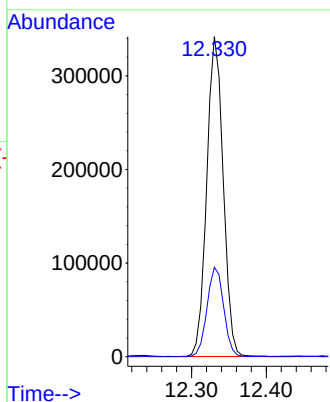
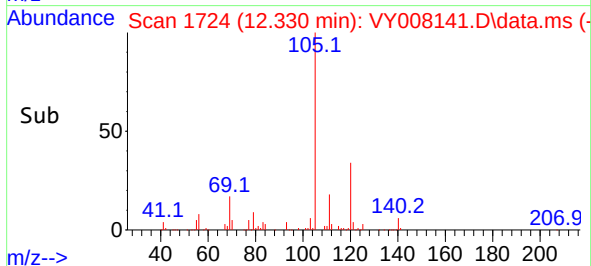
Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1



Tgt Ion:105 Resp: 52238
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.2

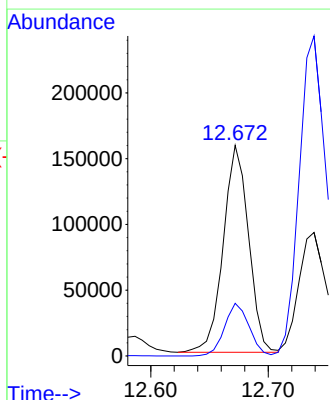
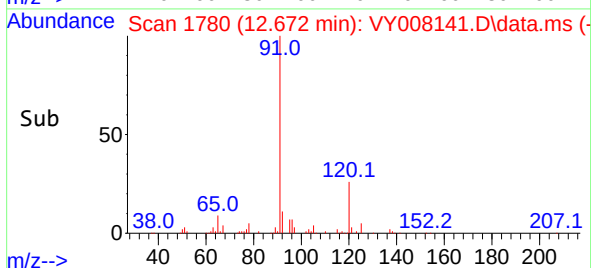
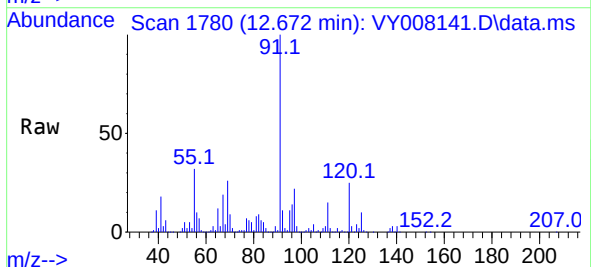
Manual Integrations
APPROVED

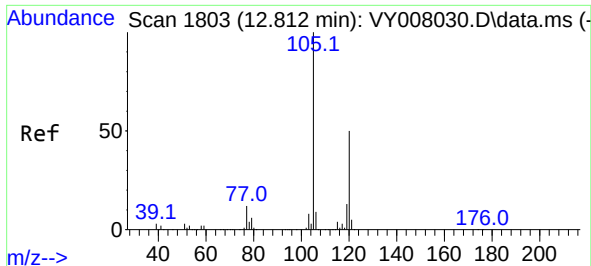
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#78
n-propylbenzene
Concen: 41.499 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Tgt Ion: 91 Resp: 235786
Ion Ratio Lower Upper
91 100
120 24.7 11.3 33.9





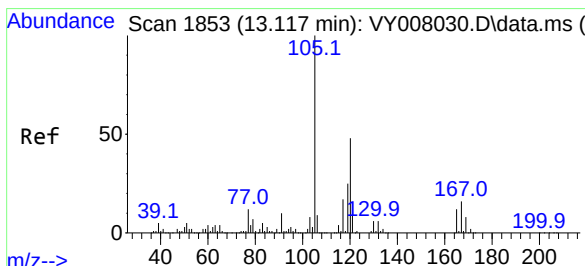
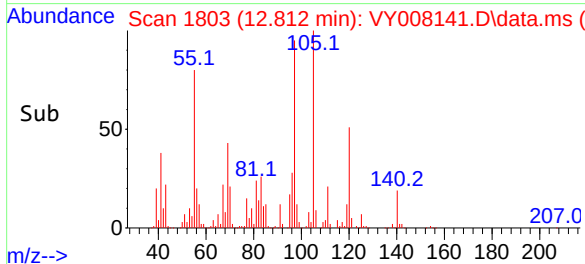
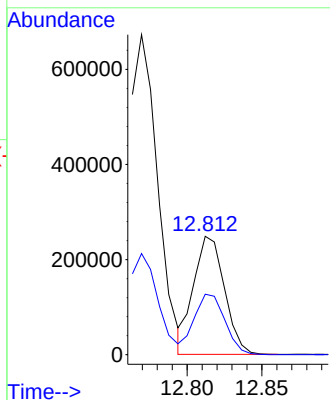
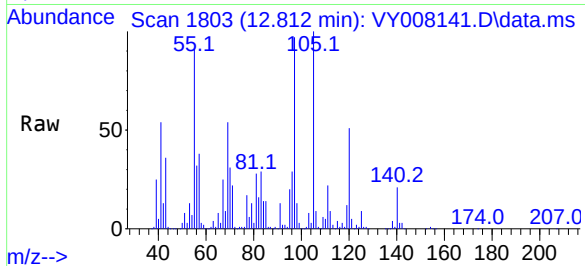
#80
1,3,5-Trimethylbenzene
Concen: 90.575 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
20220388-COMP-CS-1

Tgt Ion:105 Resp: 357410
Ion Ratio Lower Upper
105 100
120 51.5 24.4 73.4

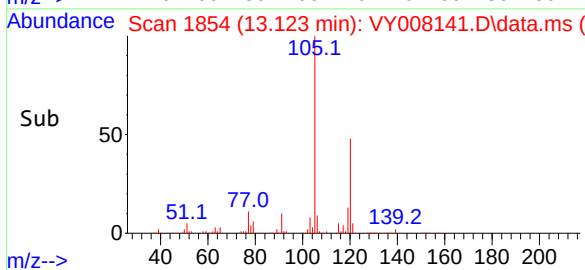
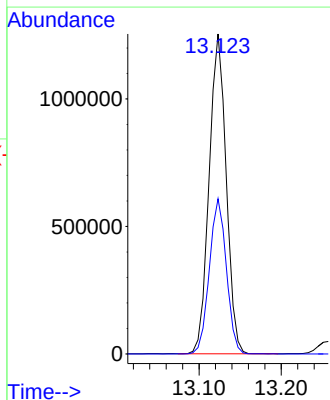
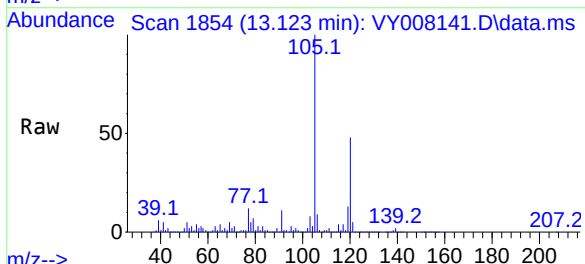
Manual Integrations
APPROVED

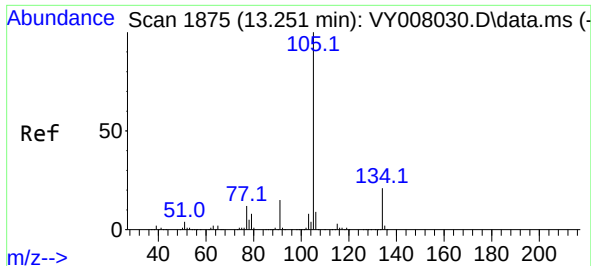
Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 469.725 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Tgt Ion:105 Resp: 1805045
Ion Ratio Lower Upper
105 100
120 48.5 22.3 66.9





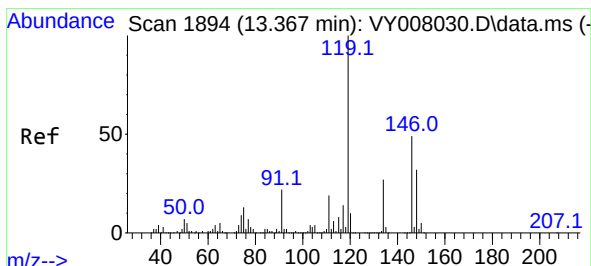
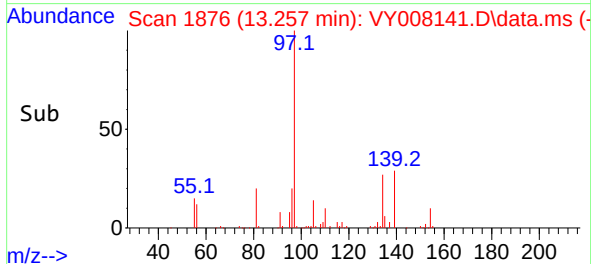
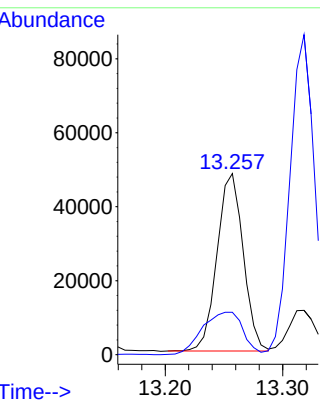
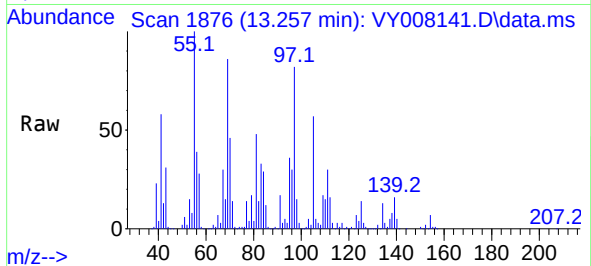
#85
 sec-Butylbenzene
 Concen: 14.304 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008141.D
 Acq: 31 Mar 2022 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220388-COMP-CS-1

Tgt Ion:105 Resp: 74228
 Ion Ratio Lower Upper
 105 100
 134 37.2 10.2 30.4

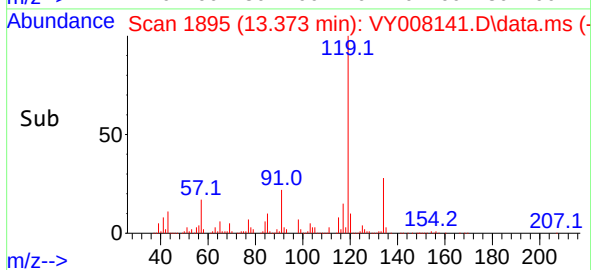
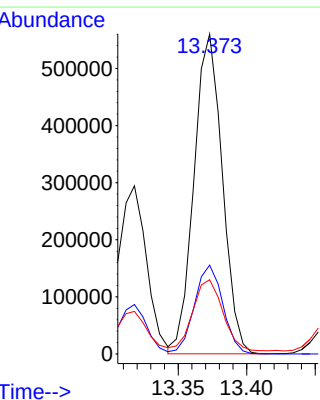
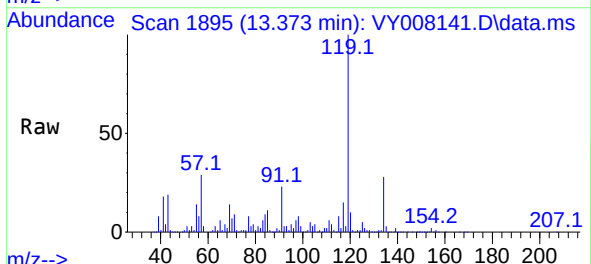
Manual Integrations
 APPROVED

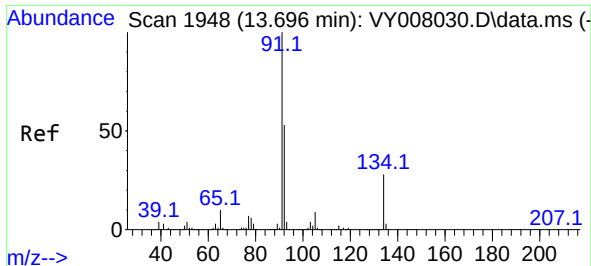
Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022



#86
 p-Isopropyltoluene
 Concen: 186.361 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008141.D
 Acq: 31 Mar 2022 15:55

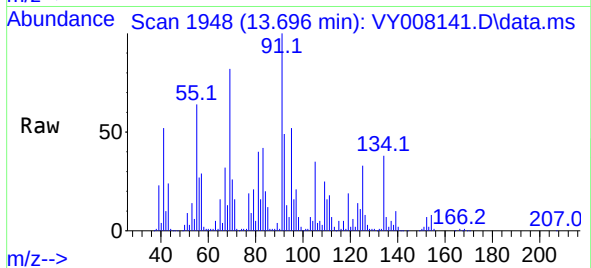
Tgt Ion:119 Resp: 804833
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 23.4 12.4 37.2





#89
n-Butylbenzene
Concen: 26.929 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008141.D
Acq: 31 Mar 2022 15:55

Instrument : MSVOA_Y
ClientSampleId : 20220388-COMP-CS-1



Tgt Ion: 91 Resp: 107000
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9
134 0.0 13.0 38.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
Supervised By :Semsettin Yesilyurt 04/01/2022

