

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008143.D
 Acq On : 31 Mar 2022 17:06
 Operator : SY/MD
 Sample : N2123-02
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220339-AMENDED-COMP-CS-1

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 04/08/2022
 Supervised By : Semsettin Yesilyurt 04/08/2022

Quant Time: Apr 01 04:34:36 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74316	48.913	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.820%		
35) Dibromofluoromethane	7.716	113	45844	28.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	56.620%		
50) Toluene-d8	10.179	98	307176	50.347	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.700%		
62) 4-Bromofluorobenzene	12.483	95	97638	45.360	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.720%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	32722	94.224	ug/l #	80
17) Carbon Disulfide	4.192	76	33740	7.411	ug/l	97
25) 2-Butanone	6.990	43	9272	17.545	ug/l #	67
31) Cyclohexane	7.771	56	14585	5.136	ug/l	94
39) Methylcyclohexane	9.185	83	79045	23.021	ug/l	86
52) Toluene	10.246	92	12994	2.723	ug/l	97
67) Ethyl Benzene	11.593	91	415670	46.001	ug/l	95
68) m/p-Xylenes	11.697	106	141117	39.275	ug/l	88
69) o-Xylene	12.032	106	106917	31.078	ug/l	88
73) Isopropylbenzene	12.331	105	213142	28.161	ug/l	97
78) n-propylbenzene	12.672	91	97519	10.923	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	147495	23.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	774712	128.303	ug/l	94
85) sec-Butylbenzene	13.257	105	30736	3.770	ug/l #	65
86) p-Isopropyltoluene	13.373	119	335194	49.396	ug/l	97
89) n-Butylbenzene	13.696	91	43780m	7.012	ug/l	

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

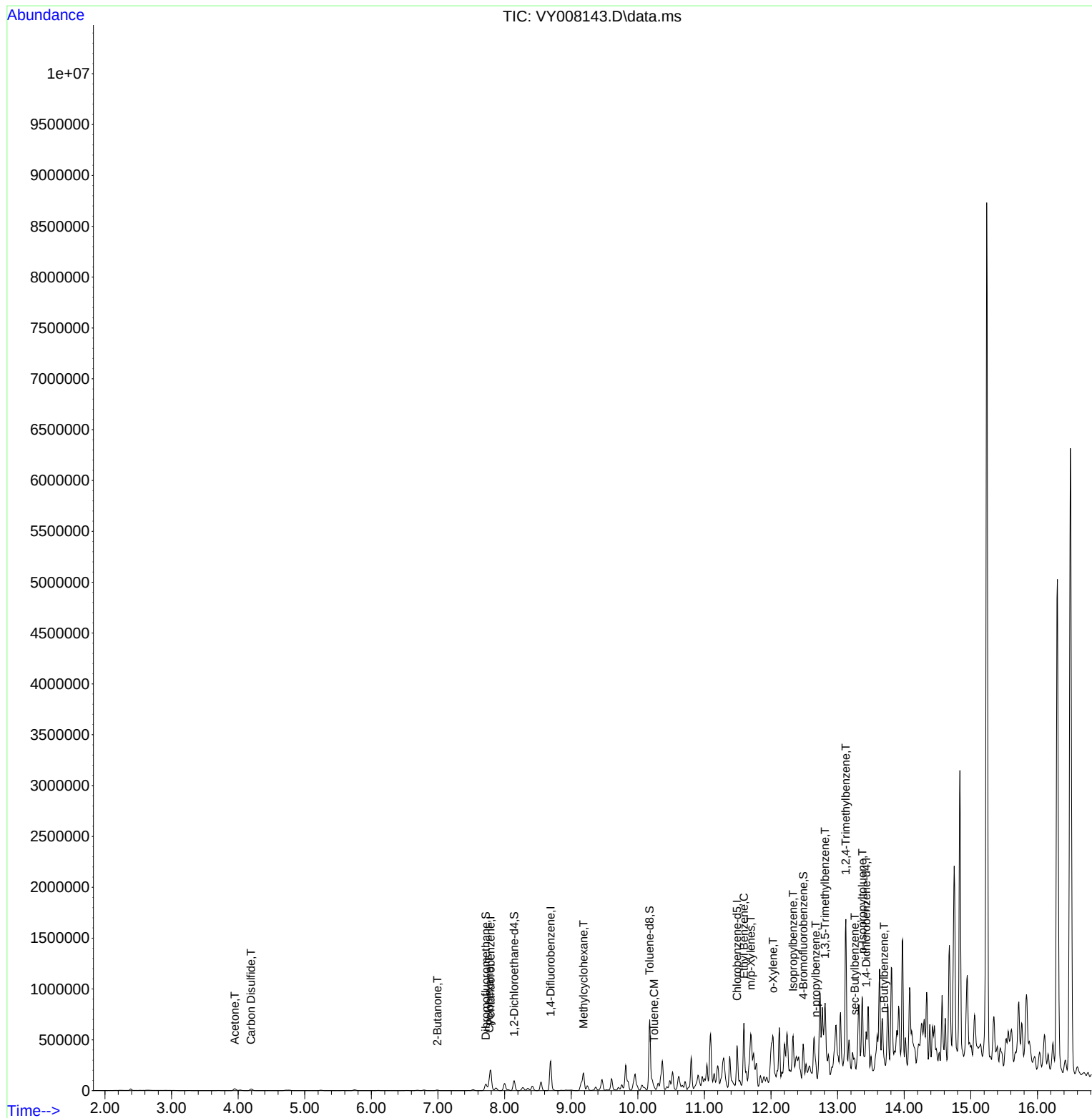
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
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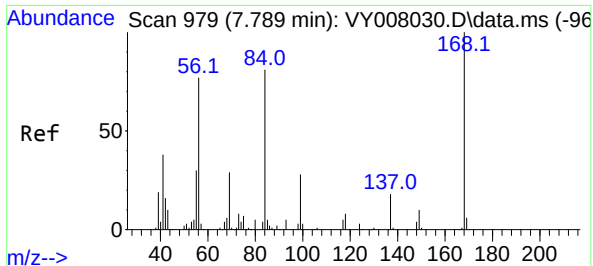
Instrument :
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Quant Time: Apr 01 04:34:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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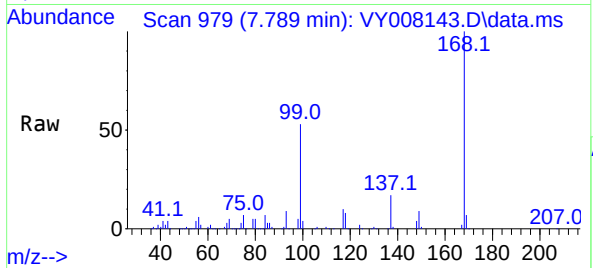
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

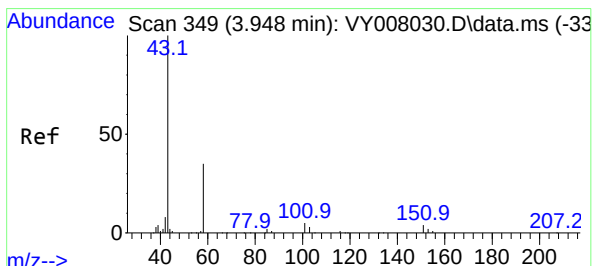
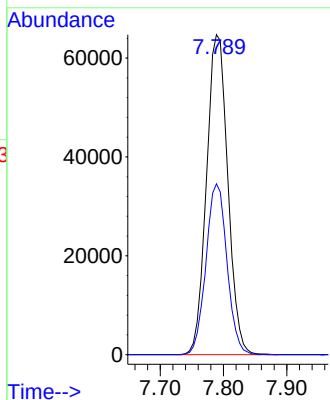
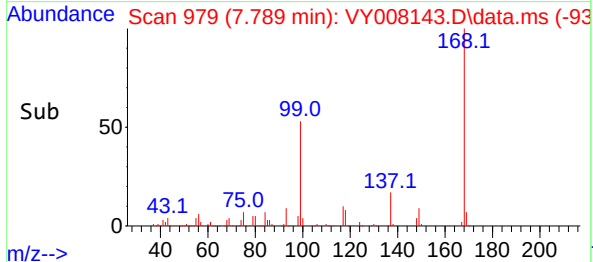
Instrument :
MSVOA_Y
ClientSampleId :
20220339-AMENDED-COMP-CS-1



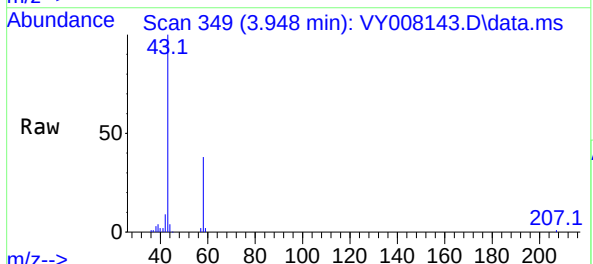
Tgt Ion:168 Resp: 15143
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3

Manual Integrations
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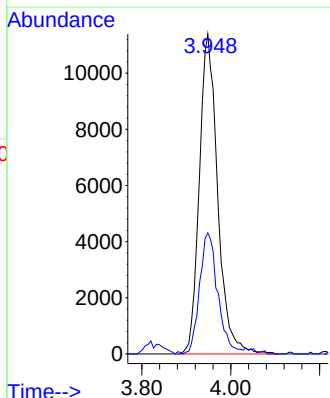
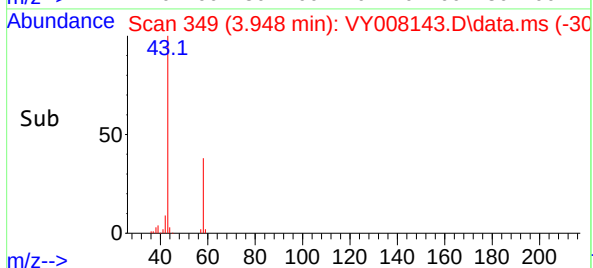
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022

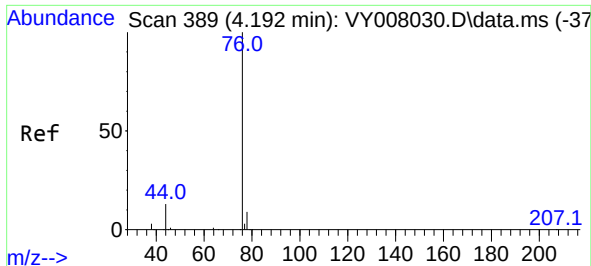


#16
Acetone
Concen: 94.224 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



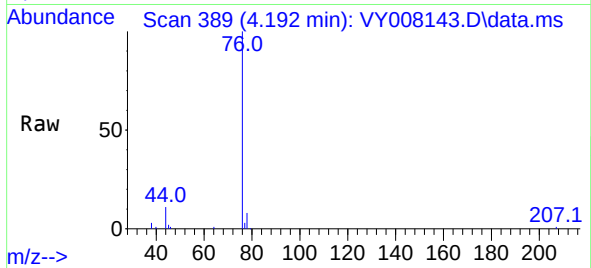
Tgt Ion: 43 Resp: 32722
Ion Ratio Lower Upper
43 100
58 37.8 22.0 33.0#





#17
Carbon Disulfide
Concen: 7.411 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

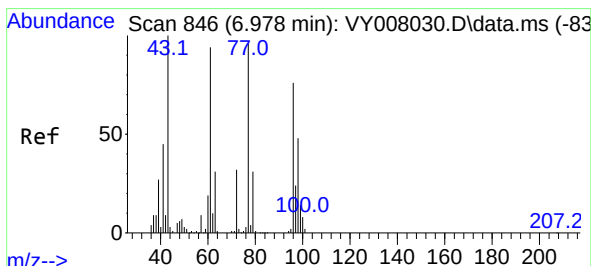
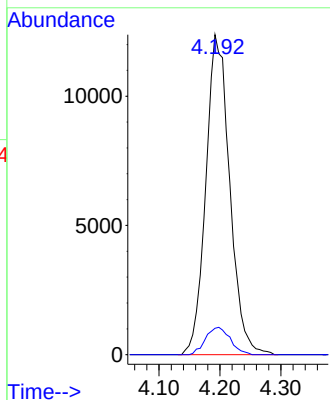
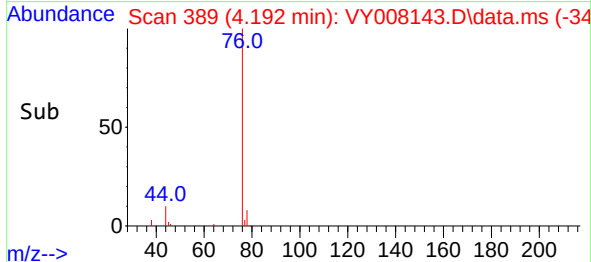
Instrument : MSVOA_Y
ClientSampleId : 20220339-AMENDED-COMP-CS-1



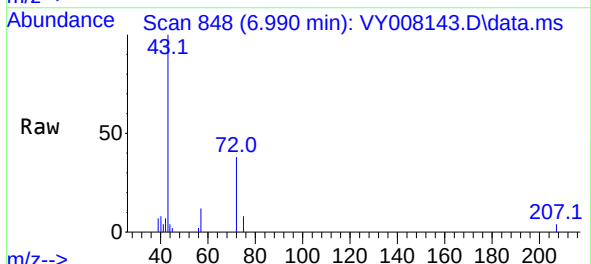
Tgt Ion: 76 Resp: 33740
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

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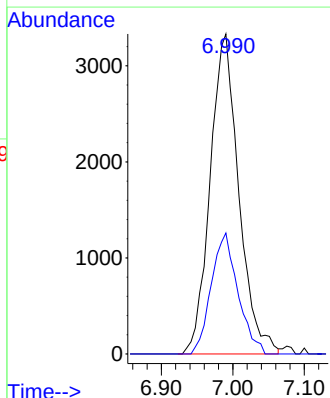
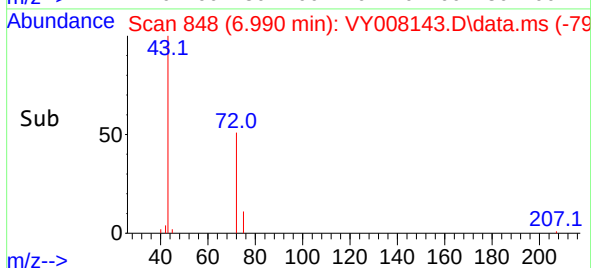
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022

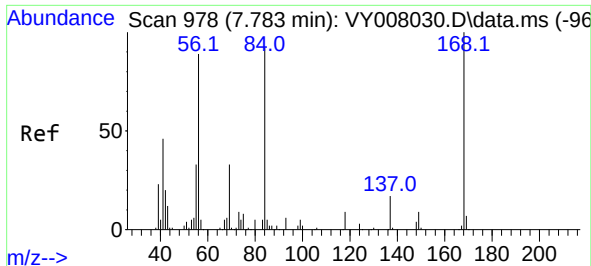


#25
2-Butanone
Concen: 17.545 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



Tgt Ion: 43 Resp: 9272
Ion Ratio Lower Upper
43 100
72 37.8 17.7 26.5#





#31

Cyclohexane

Concen: 5.136 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

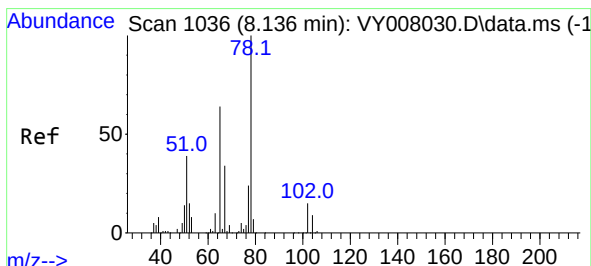
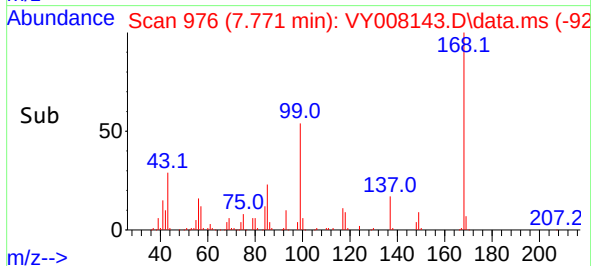
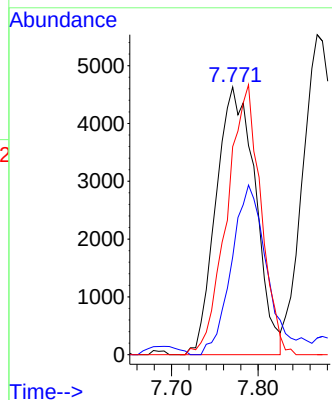
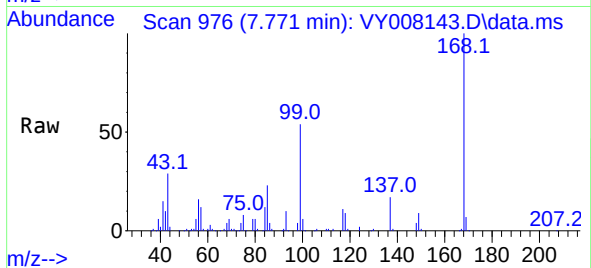
20220339-AMENDED-COMP-CS-1

Tgt Ion: 56 Resp: 1458
 Ion Ratio Lower Upper
 56 100
 69 34.7 26.7 40.1
 84 77.7 67.2 100.8

Manual Integrations

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 Supervised By :Semsettin Yesilyurt 04/08/2022



#33

1,2-Dichloroethane-d4

Concen: 48.913 ug/l

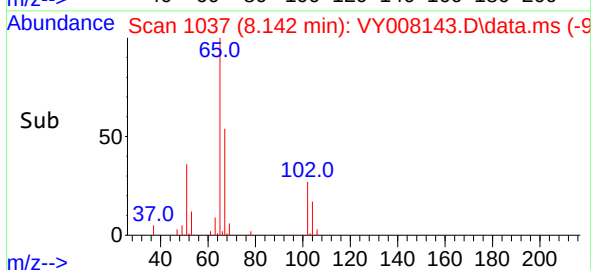
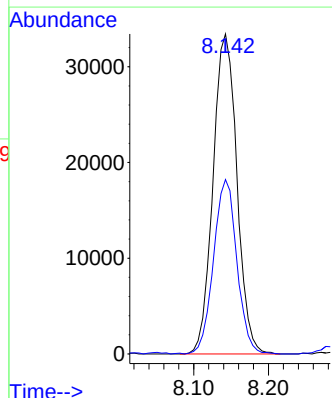
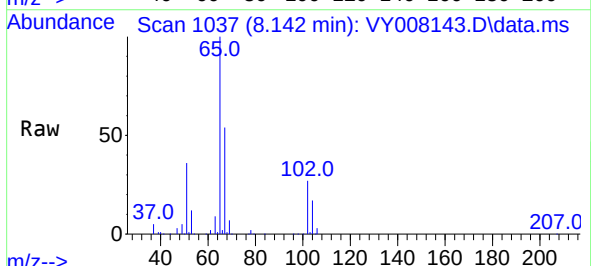
RT: 8.142 min Scan# 1037

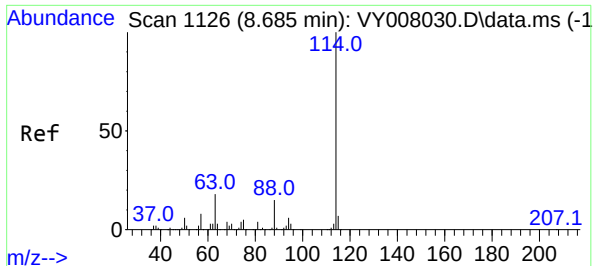
Delta R.T. 0.006 min

Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

Tgt Ion: 65 Resp: 74316
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

20220339-AMENDED-COMP-CS-1

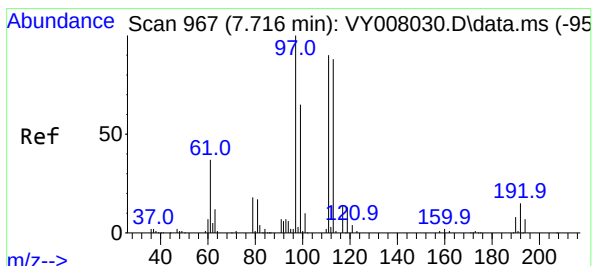
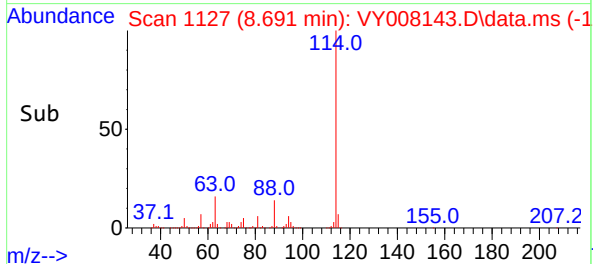
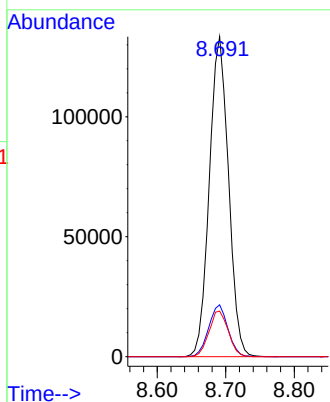
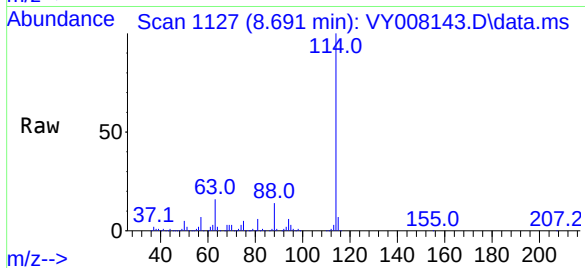
Tgt Ion:114 Resp: 25829

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	43.2
88	14.3	0.0	31.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/08/2022



#35

Dibromofluoromethane

Concen: 28.309 ug/l

RT: 7.716 min Scan# 967

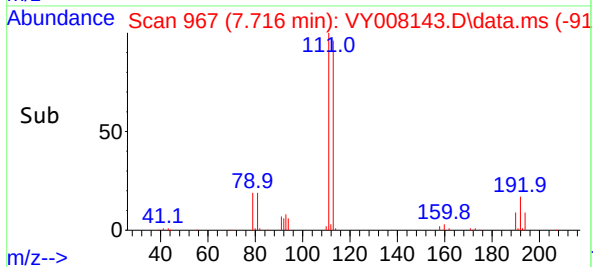
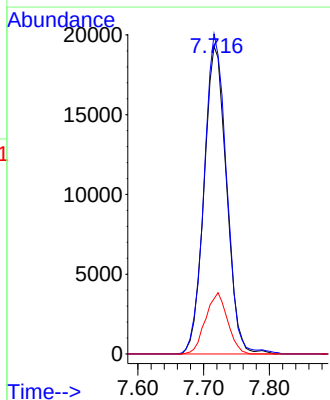
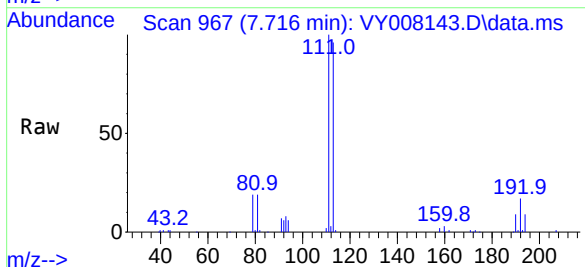
Delta R.T. -0.000 min

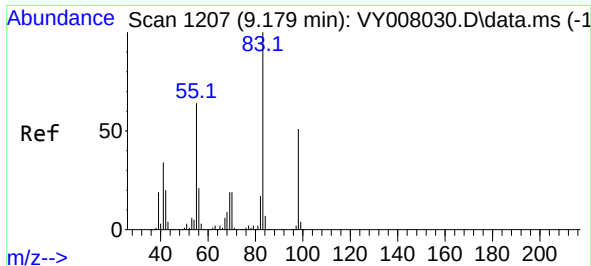
Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

Tgt Ion:113 Resp: 45844

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.4	17.6	26.4





#39

Methylcyclohexane

Concen: 23.021 ug/l

RT: 9.185 min Scan# 1207

Delta R.T. 0.006 min

Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

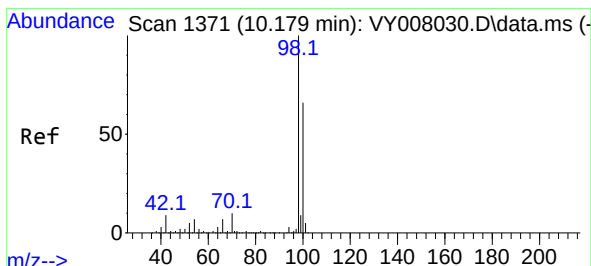
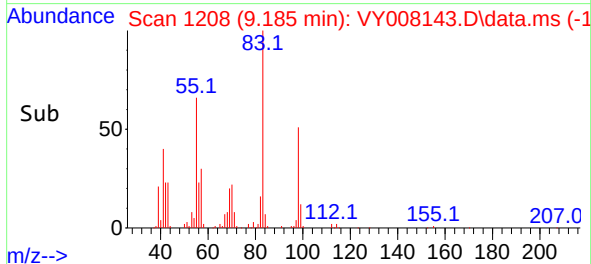
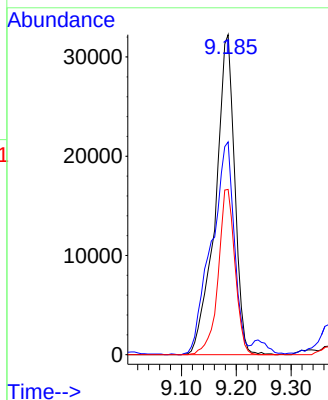
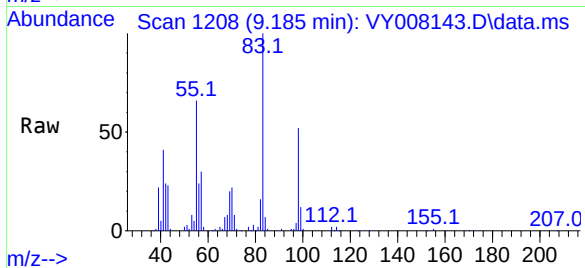
20220339-AMENDED-COMP-CS-1

Tgt Ion: 83	Resp: 7904
Ion Ratio	Lower Upper
83 100	
55 66.5	66.5 99.7
98 51.7	37.9 56.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/08/2022



#50

Toluene-d8

Concen: 50.347 ug/l

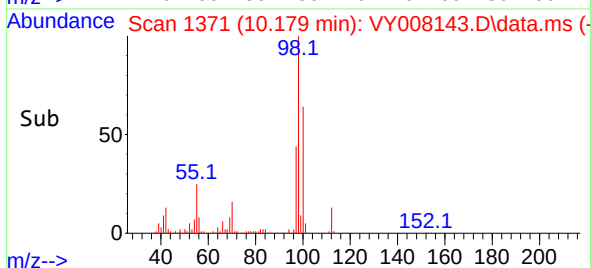
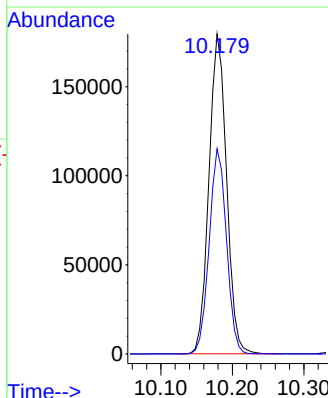
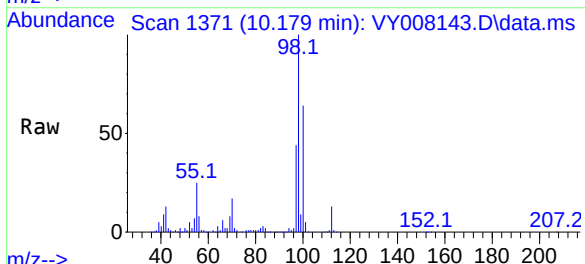
RT: 10.179 min Scan# 1371

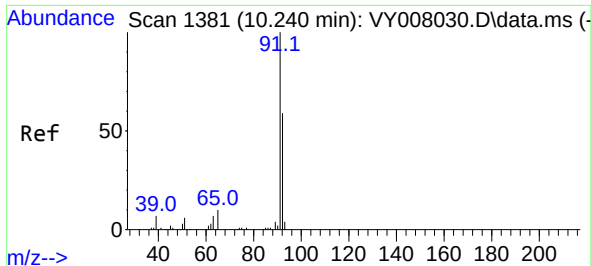
Delta R.T. -0.000 min

Lab File: VY008143.D

Acq: 31 Mar 2022 17:06

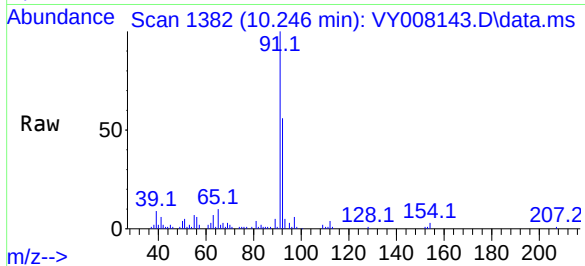
Tgt Ion: 98	Resp: 307176
Ion Ratio	Lower Upper
98 100	
100 62.9	50.2 75.2





#52
Toluene
Concen: 2.723 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

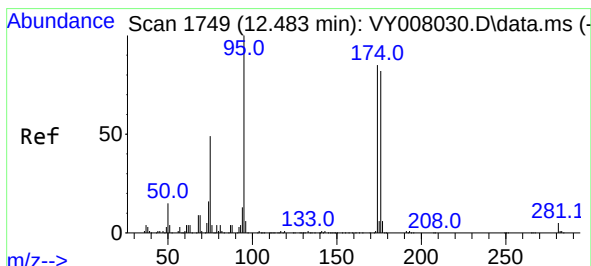
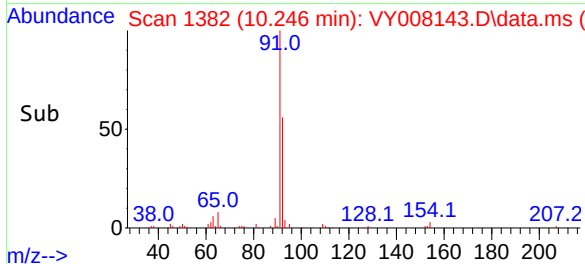
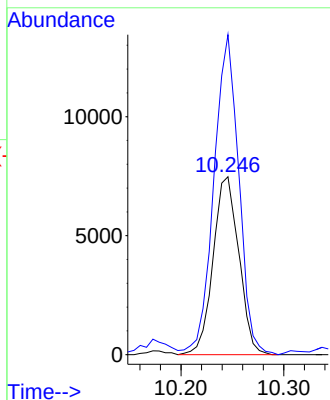
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ClientSampleId :
20220339-AMENDED-COMP-CS-1



Tgt Ion: 92 Resp: 12994
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8

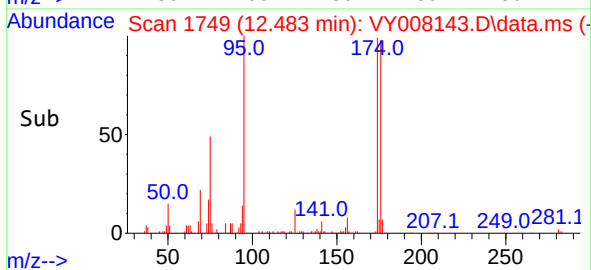
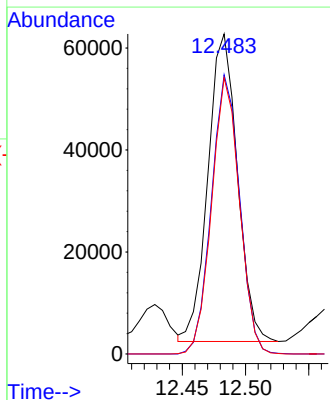
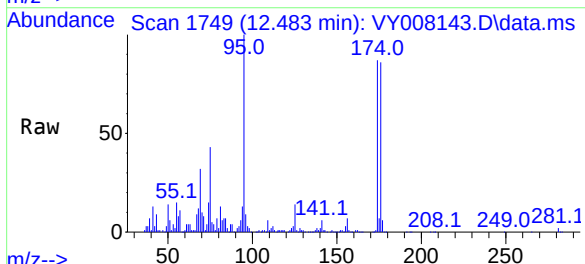
Manual Integrations
APPROVED

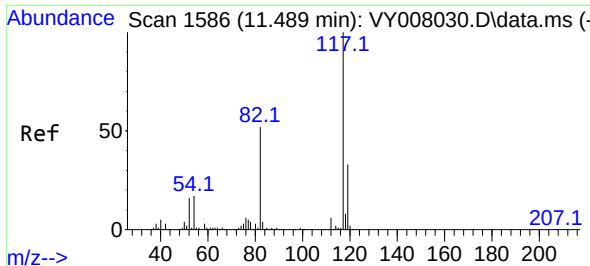
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022



#62
4-Bromofluorobenzene
Concen: 45.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

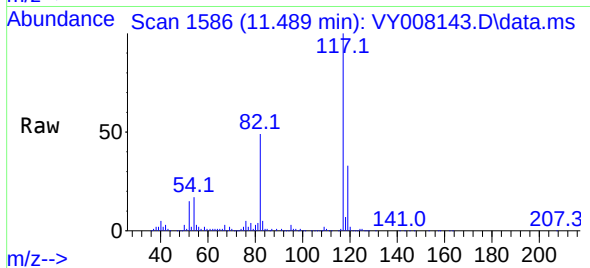
Tgt Ion: 95 Resp: 97638
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

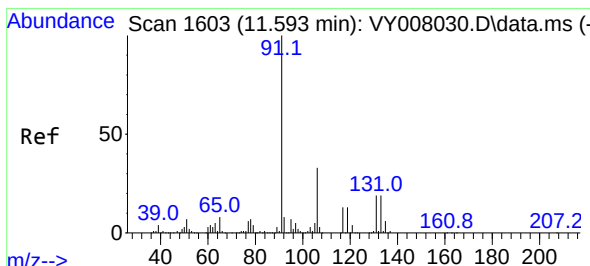
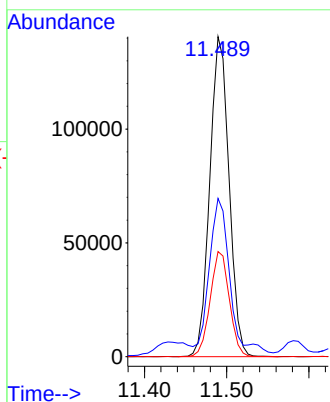
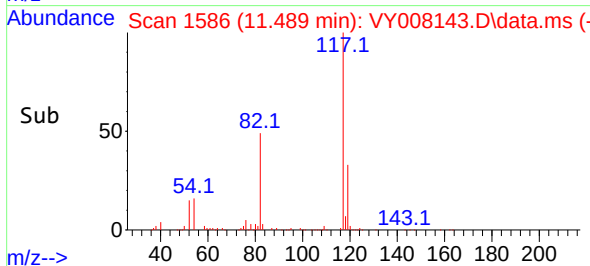
Instrument : MSVOA_Y
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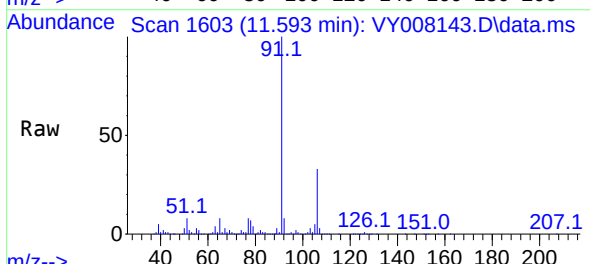
Tgt Ion: 117 Resp: 228649
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 32.8 25.4 38.0

Manual Integrations
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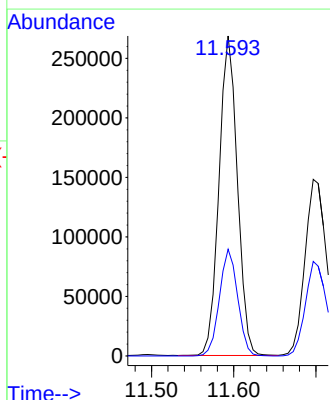
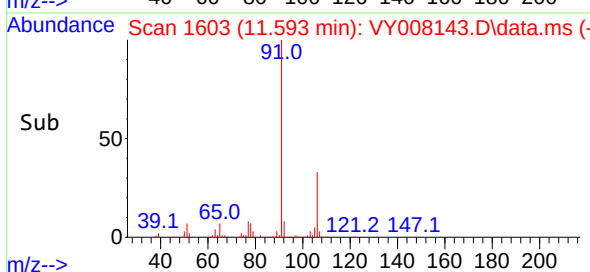
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022

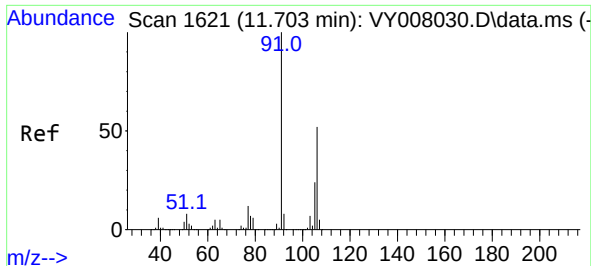


#67
Ethyl Benzene
Concen: 46.001 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



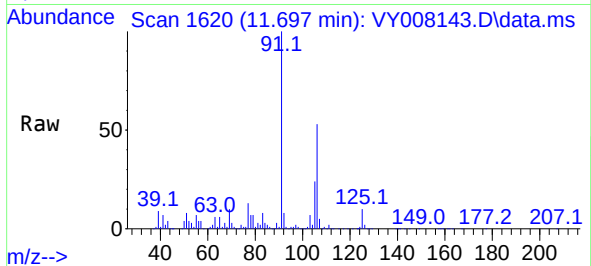
Tgt Ion: 91 Resp: 415670
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7





#68
m/p-Xylenes
Concen: 39.275 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

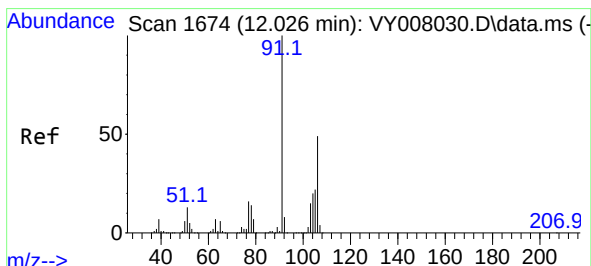
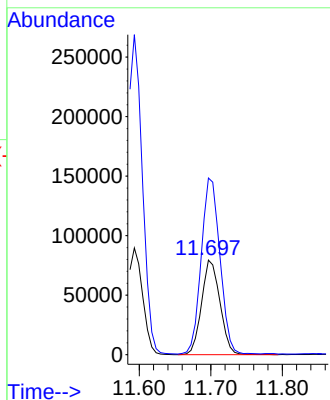
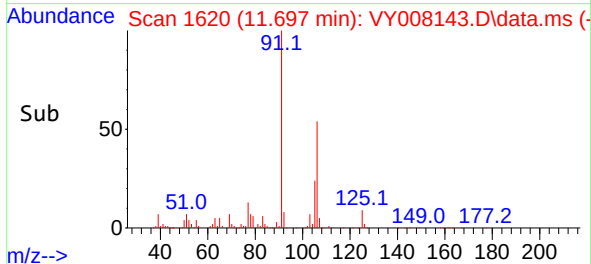
Instrument :
MSVOA_Y
ClientSampleId :
20220339-AMENDED-COMP-CS-1



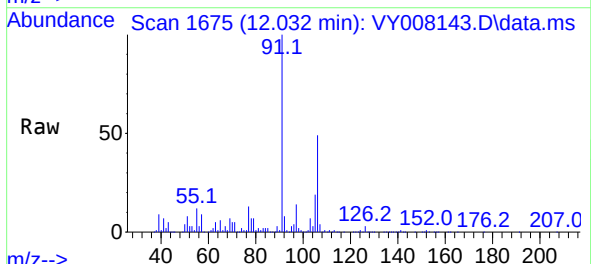
Tgt Ion:106 Resp: 141117
Ion Ratio Lower Upper
106 100
91 190.2 166.6 249.8

Manual Integrations
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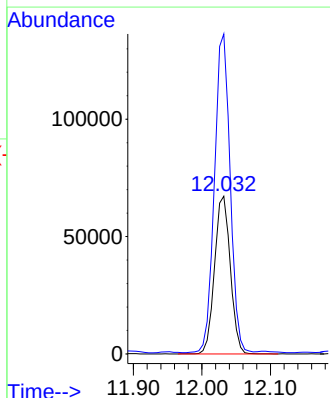
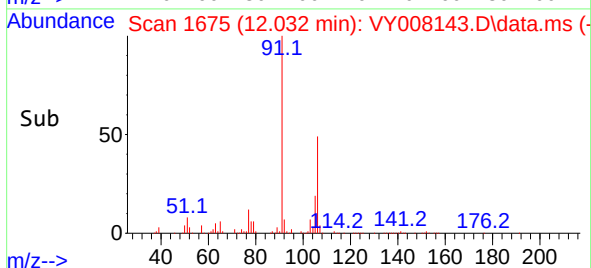
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022

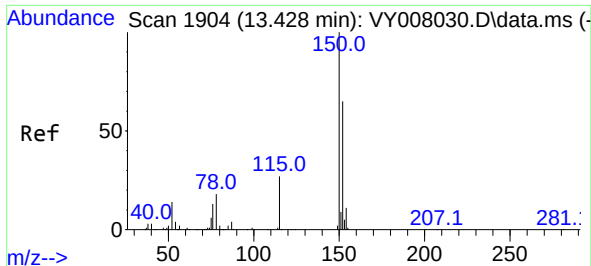


#69
o-Xylene
Concen: 31.078 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



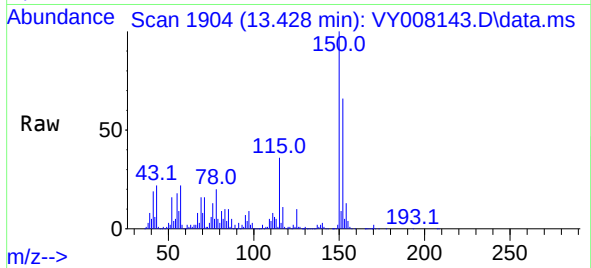
Tgt Ion:106 Resp: 106917
Ion Ratio Lower Upper
106 100
91 201.3 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

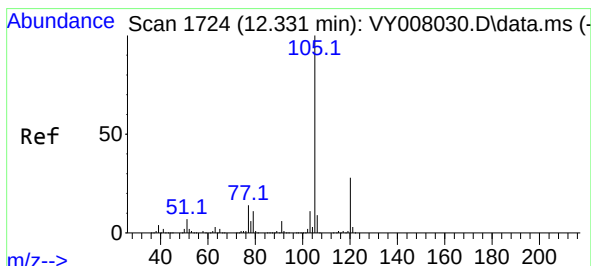
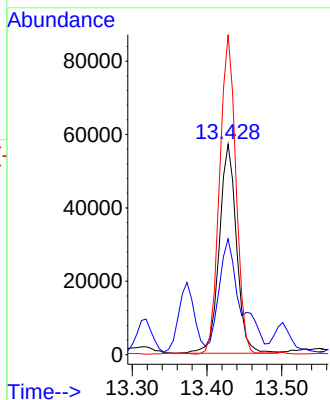
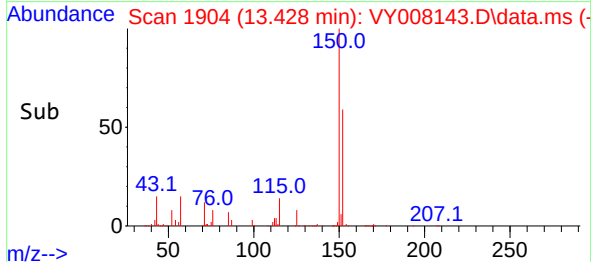
Instrument : MSVOA_Y
ClientSampleId : 20220339-AMENDED-COMP-CS-1



Tgt Ion:152 Resp: 91690
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 144.4 0.0 347.6

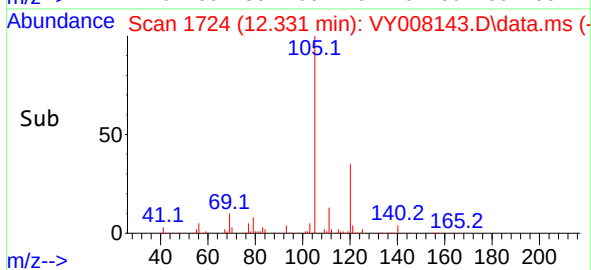
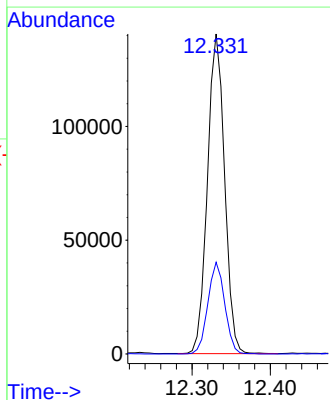
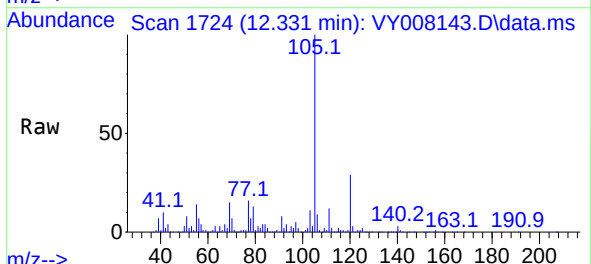
Manual Integrations
APPROVED

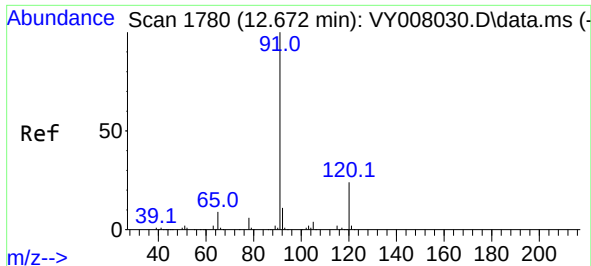
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022



#73
Isopropylbenzene
Concen: 28.161 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

Tgt Ion:105 Resp: 213142
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.2





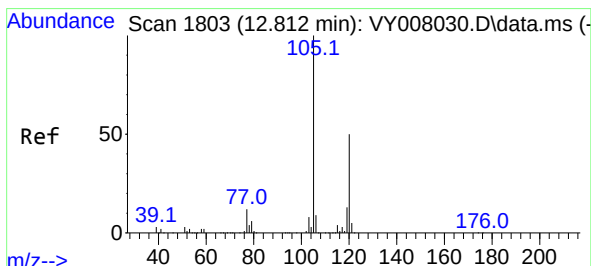
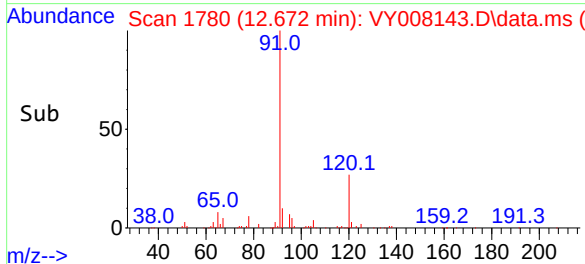
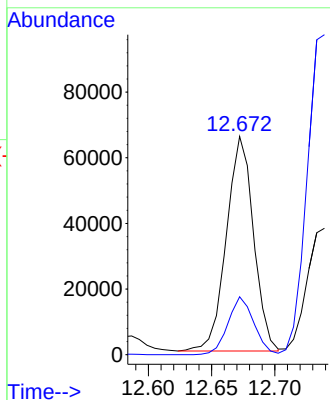
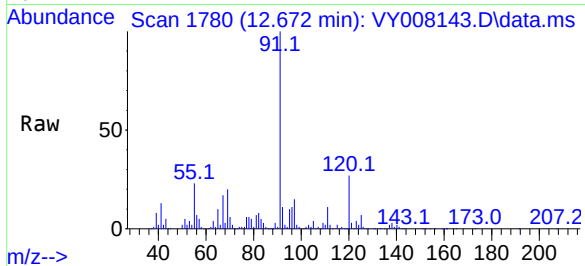
#78
n-propylbenzene
Concen: 10.923 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
20220339-AMENDED-COMP-CS-1

Tgt Ion: 91 Resp: 97519
Ion Ratio Lower Upper
91 100
120 25.8 11.3 33.9

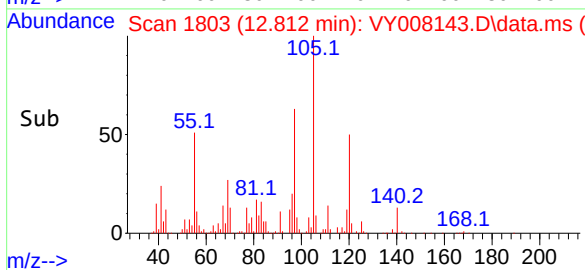
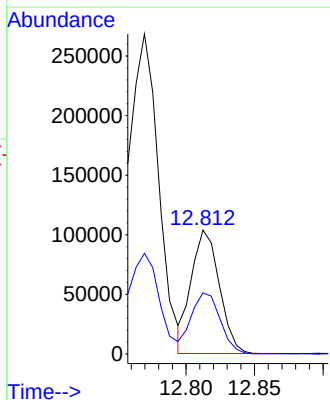
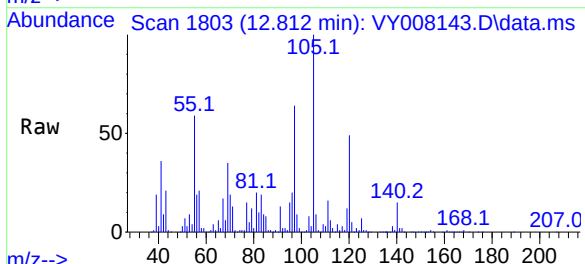
Manual Integrations
APPROVED

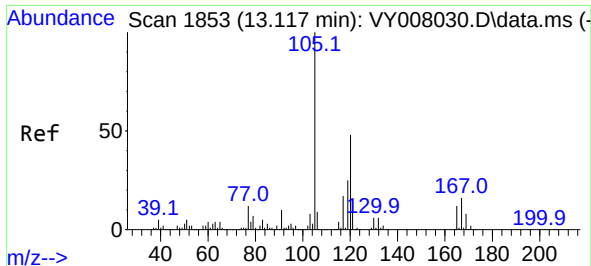
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.788 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

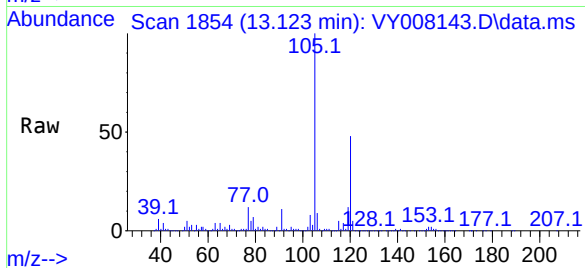
Tgt Ion:105 Resp: 147495
Ion Ratio Lower Upper
105 100
120 51.1 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 128.303 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

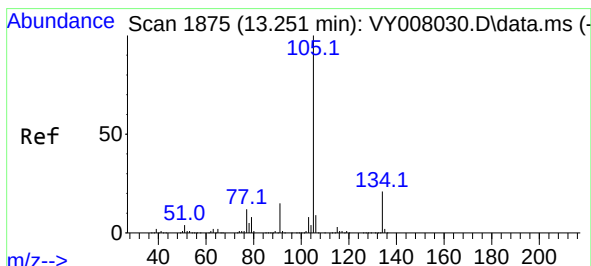
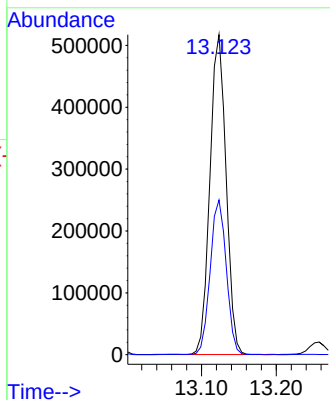
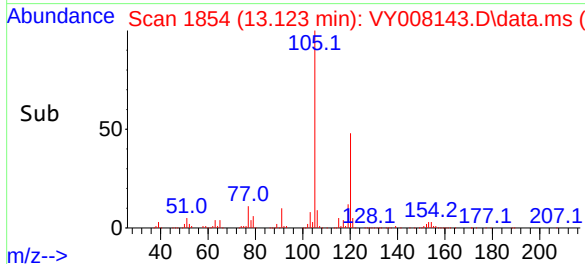
Instrument :
MSVOA_Y
ClientSampleId :
20220339-AMENDED-COMP-CS-1



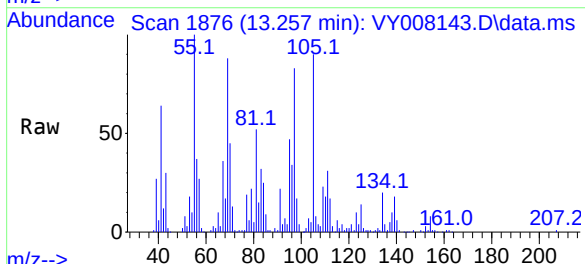
Tgt Ion:105 Resp: 774712
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.9

Manual Integrations
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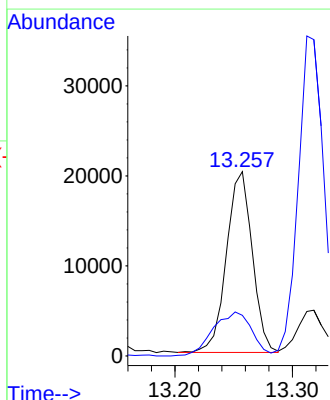
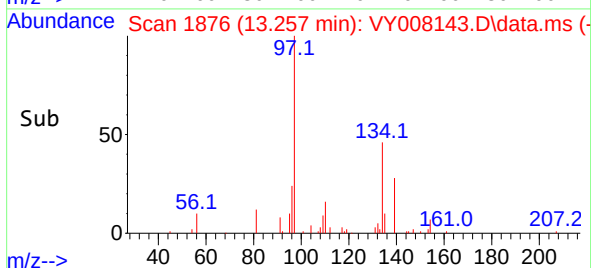
Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022

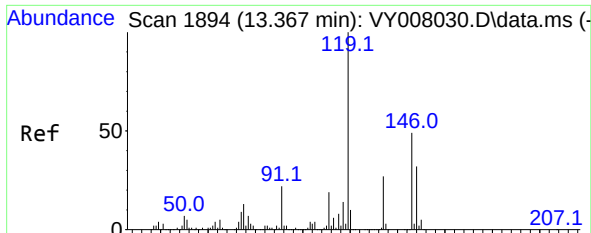


#85
sec-Butylbenzene
Concen: 3.770 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



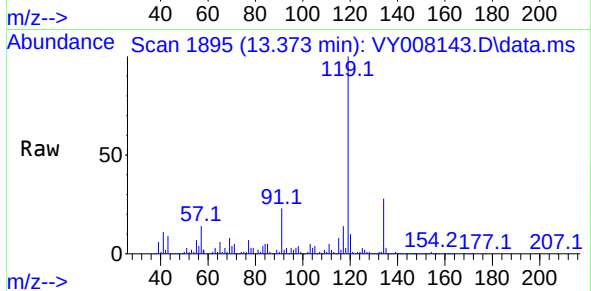
Tgt Ion:105 Resp: 30736
Ion Ratio Lower Upper
105 100
134 36.3 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 49.396 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06

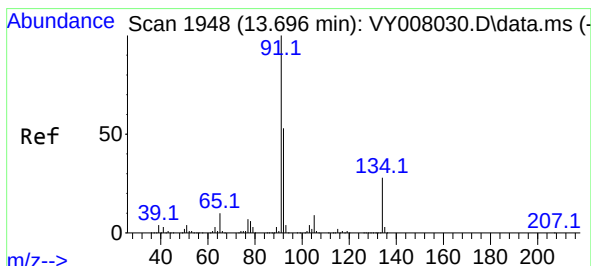
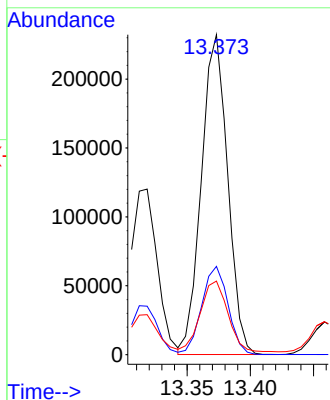
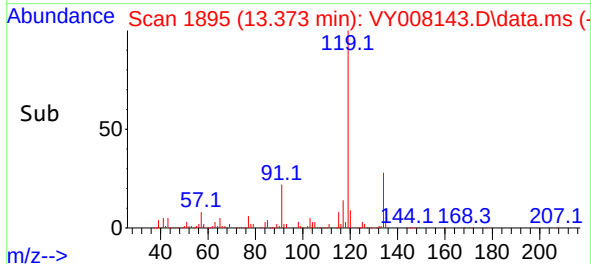
Instrument :
MSVOA_Y
ClientSampleId :
20220339-AMENDED-COMP-CS-1



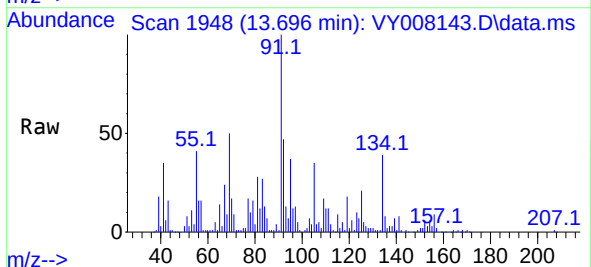
Tgt Ion:119 Resp: 335194
Ion Ratio Lower Upper
119 100
134 27.7 13.2 39.5
91 23.0 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2022
Supervised By :Semsettin Yesilyurt 04/08/2022



#89
n-Butylbenzene
Concen: 7.012 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008143.D
Acq: 31 Mar 2022 17:06



Tgt Ion: 91 Resp: 43780
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 13.0 38.9#

