

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008006.D
 Acq On : 22 Mar 2022 17:28
 Operator : SY/MD
 Sample : N2061-01
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-1-20220321-16.0-17.0

Quant Time: Mar 23 05:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207824	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	294199	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133139	53.683	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.360%			
35) Dibromofluoromethane	7.716	113	122268	41.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.000%			
50) Toluene-d8	10.179	98	539471	62.041	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 124.080%			
62) 4-Bromofluorobenzene	12.483	95	419784	99.271	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 198.540%#			
Target Compounds					Qvalue	
16) Acetone	3.942	43	166503	253.070	ug/l	96
17) Carbon Disulfide	4.192	76	316257	72.675	ug/l	98
25) 2-Butanone	6.990	43	60862	57.752	ug/l	96
31) Cyclohexane	7.783	56	654524	195.474	ug/l	97
39) Methylcyclohexane	9.185	83	2660591	583.906	ug/l	88
40) Benzene	8.143	78	31985318m	2504.640	ug/l	
52) Toluene	10.246	92	1482151	180.722	ug/l	95
65) Chlorobenzene	11.514	112	19148985	3846.402	ug/l #	66
67) Ethyl Benzene	11.581	91	33365827m	3762.399	ug/l	
68) m/p-Xylenes	11.697	106	15282757	4417.855	ug/l #	1
69) o-Xylene	12.044	106	15051964	4498.322	ug/l #	1
73) Isopropylbenzene	12.325	105	23304110m	899.919	ug/l	
78) n-propylbenzene	12.666	91	20550446m	657.191	ug/l	
80) 1,3,5-Trimethylbenzene	12.831	105	17948347	842.807	ug/l	86
84) 1,2,4-Trimethylbenzene	13.117	105	26943256m	1290.636	ug/l	
85) sec-Butylbenzene	13.264	105	1935568	67.772	ug/l #	54
86) p-Isopropyltoluene	13.386	119	11554544	498.344	ug/l	93
87) 1,3-Dichlorobenzene	13.373	146	4258941m	368.510	ug/l	
88) 1,4-Dichlorobenzene	13.453	146	7059784	609.478	ug/l	96
89) n-Butylbenzene	13.703	91	3630203m	163.148	ug/l	
95) Naphthalene	15.227	128	24216306m	1651.677	ug/l	

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

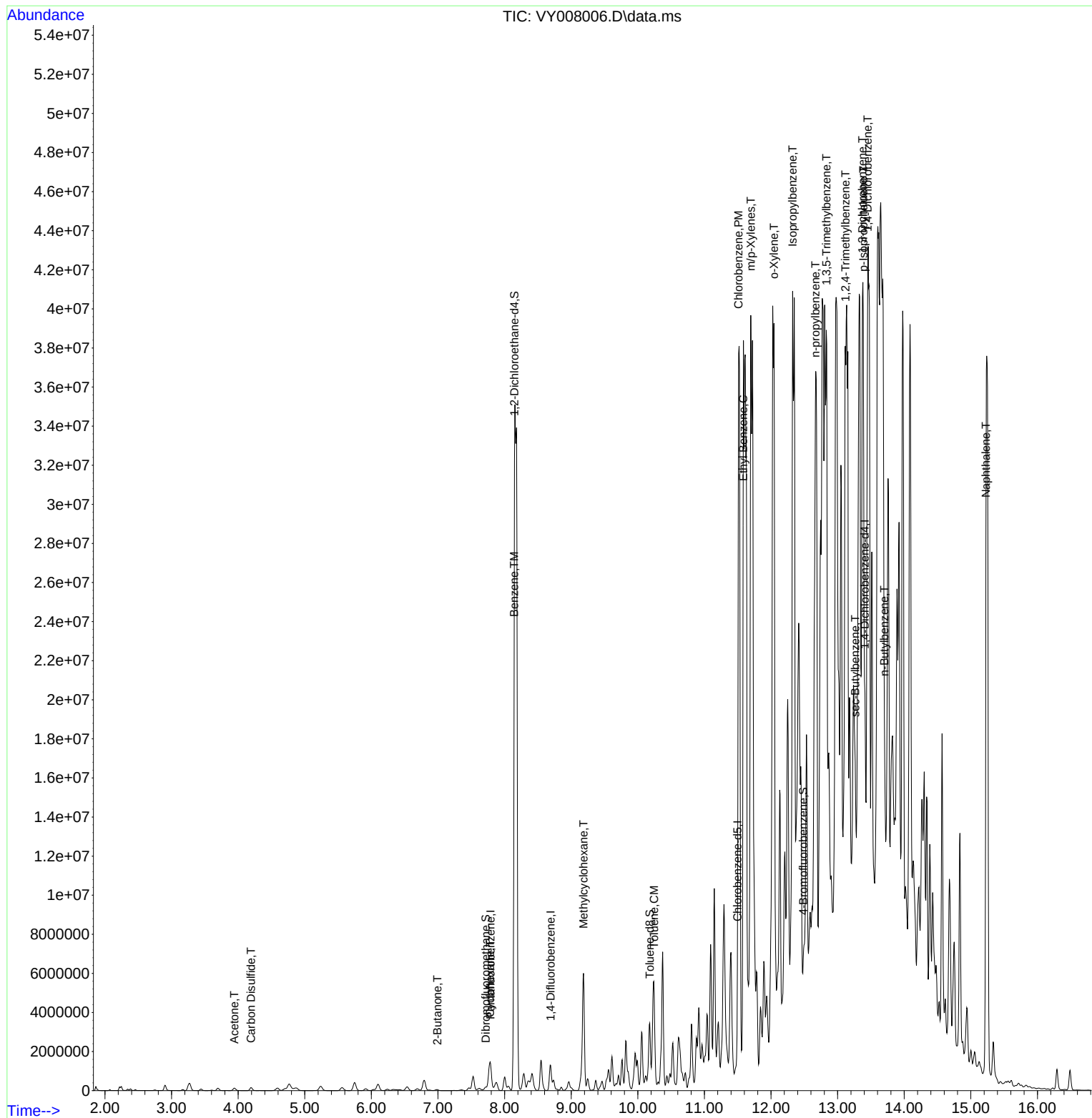
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008006.D
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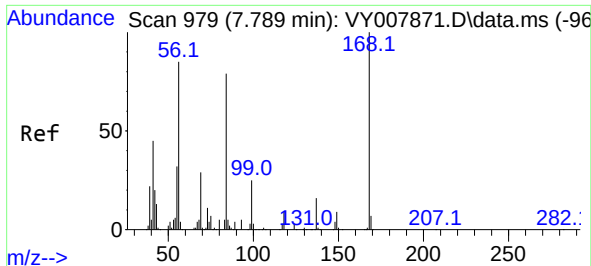
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

Quant Time: Mar 23 05:09:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

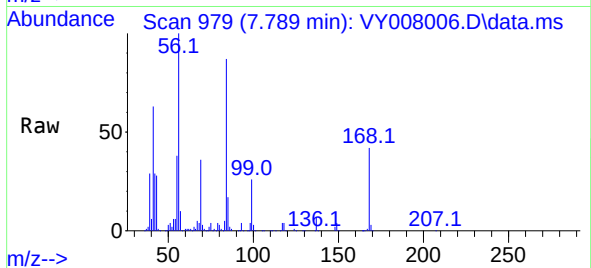
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

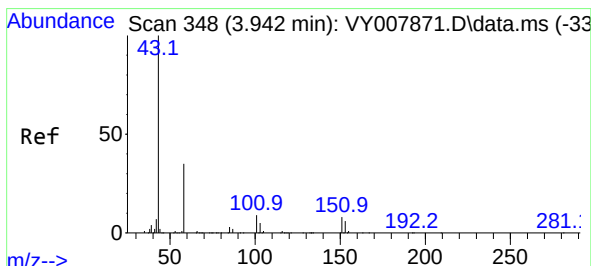
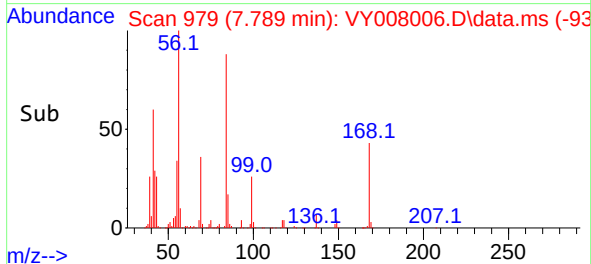
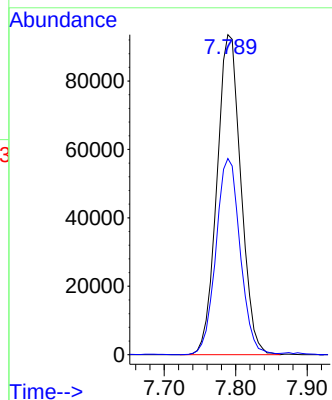
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



Tgt Ion:168 Resp: 21751
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3

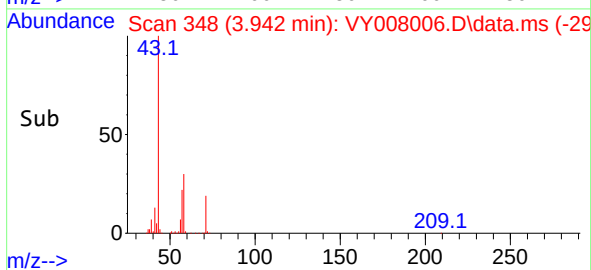
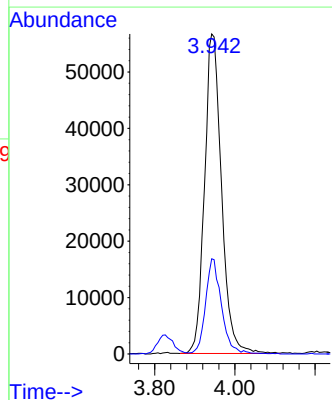
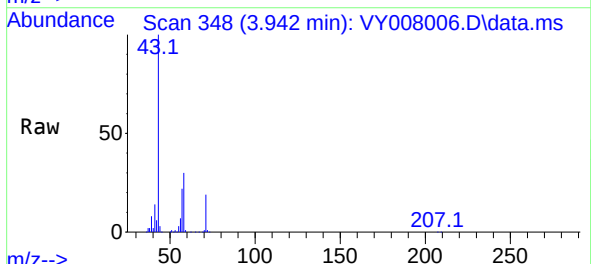
Manual Integrations
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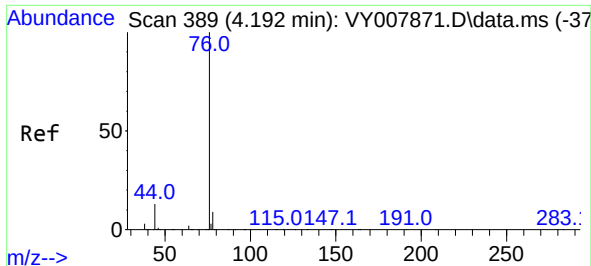
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#16
Acetone
Concen: 253.070 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

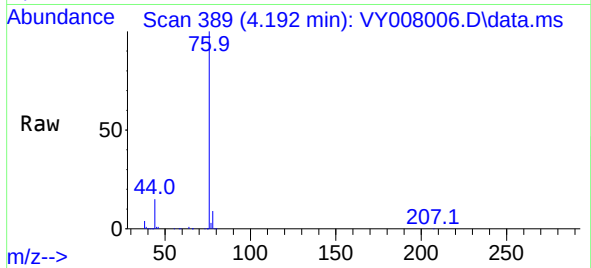
Tgt Ion: 43 Resp: 166503
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0





#17
Carbon Disulfide
Concen: 72.675 ug/l
RT: 4.192 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

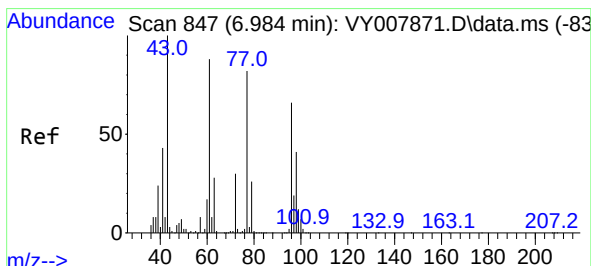
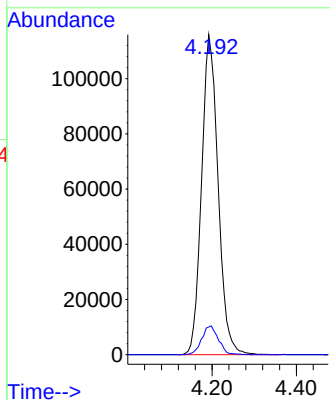
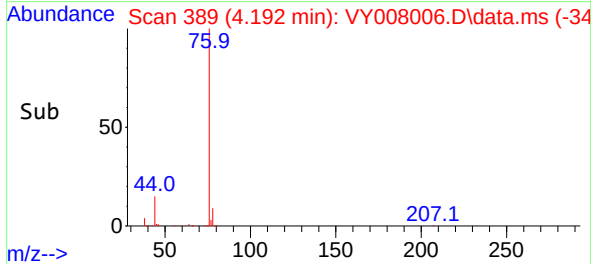
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-16.0-17.0



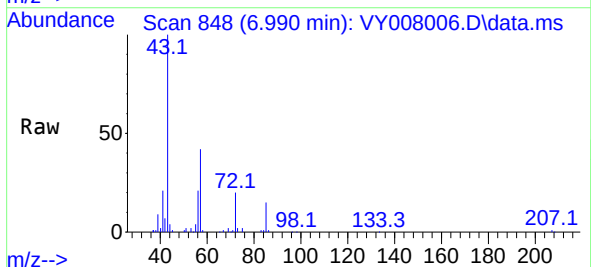
Tgt Ion: 76 Resp: 31625
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

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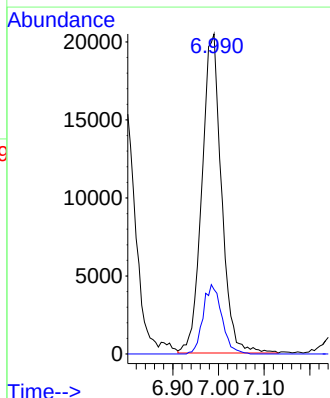
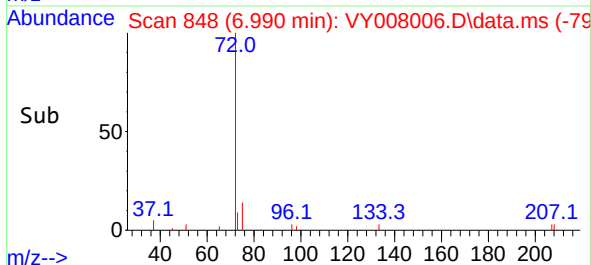
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

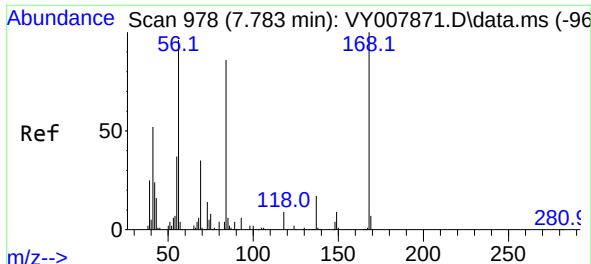


#25
2-Butanone
Concen: 57.752 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



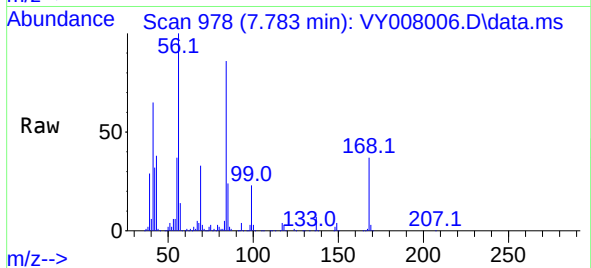
Tgt Ion: 43 Resp: 60862
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5





#31
Cyclohexane
Concen: 195.474 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

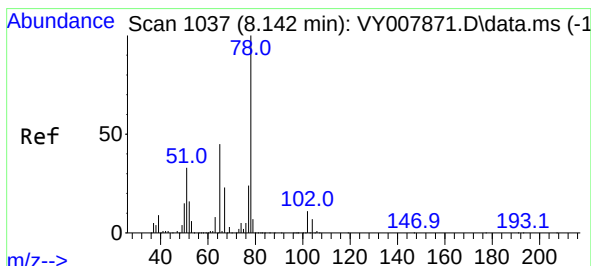
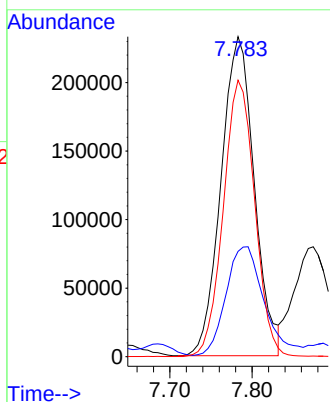
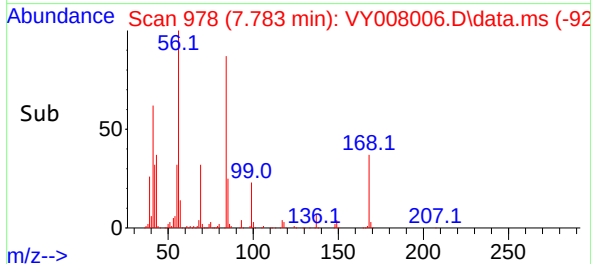
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



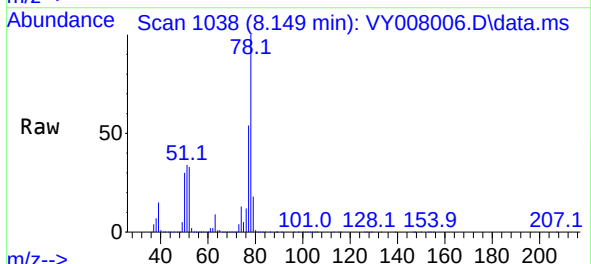
Tgt Ion: 56 Resp: 654524
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 86.6 67.2 100.8

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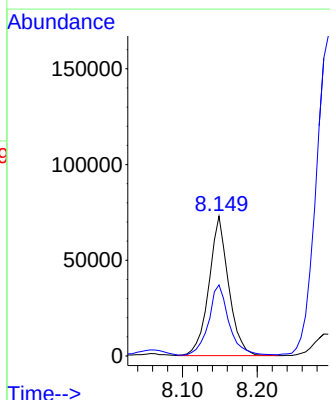
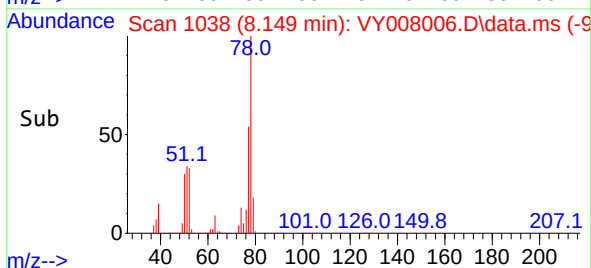
Reviewed By :Mahesh Dadoda 03/23/2022
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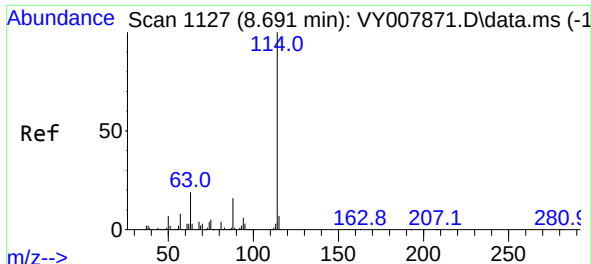


#33
1,2-Dichloroethane-d4
Concen: 53.683 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



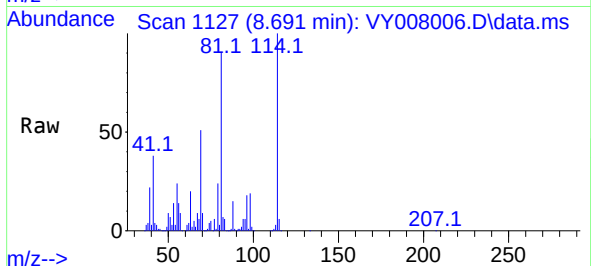
Tgt Ion: 65 Resp: 133139
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

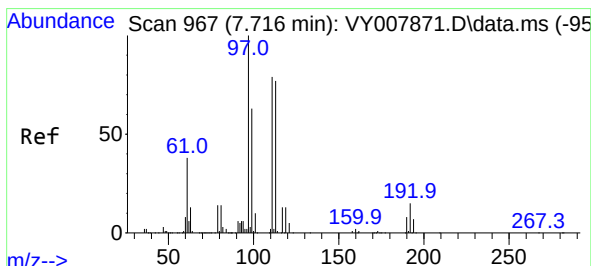
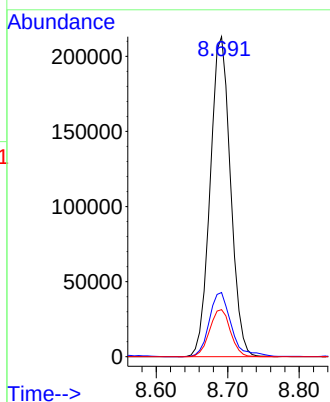
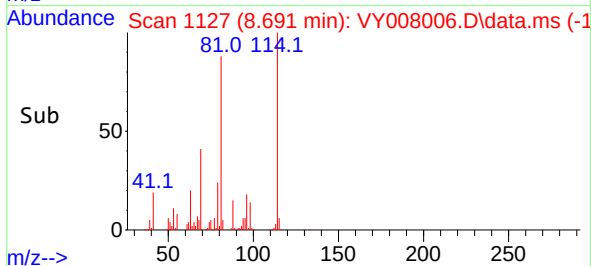
Instrument : MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



Tgt Ion:114 Resp: 41954
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 14.7 0.0 31.8

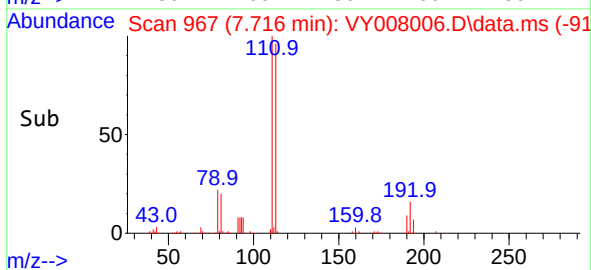
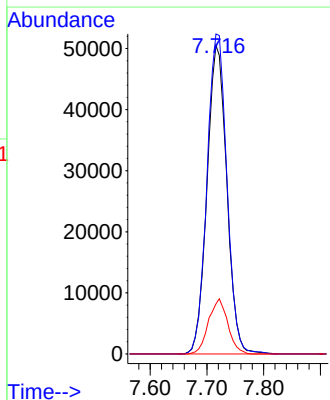
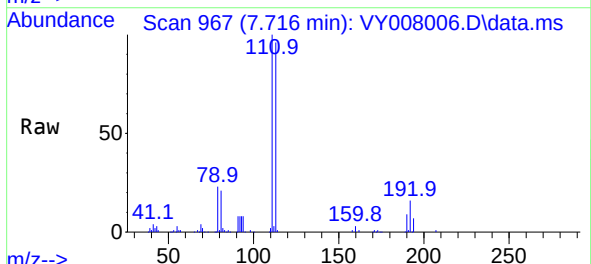
Manual Integrations
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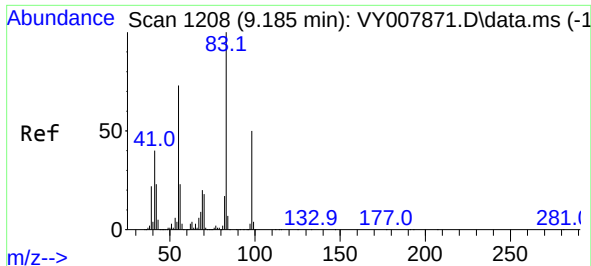
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#35
Dibromofluoromethane
Concen: 41.497 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:113 Resp: 122268
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.5 17.6 26.4#





#39

Methylcyclohexane

Concen: 583.906 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008006.D

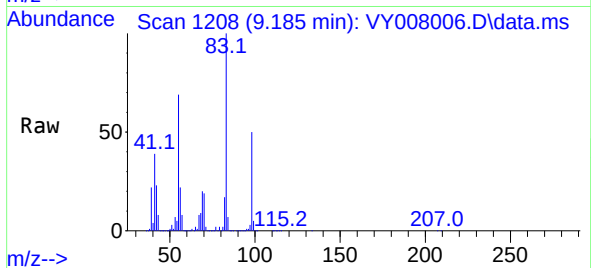
Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-16.0-17.0



Tgt Ion: 83 Resp: 266059

Ion Ratio Lower Upper

83 100

55 68.7 66.5 99.7

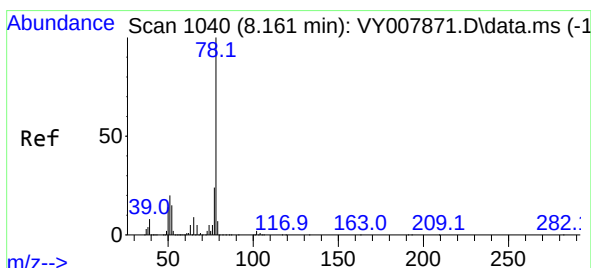
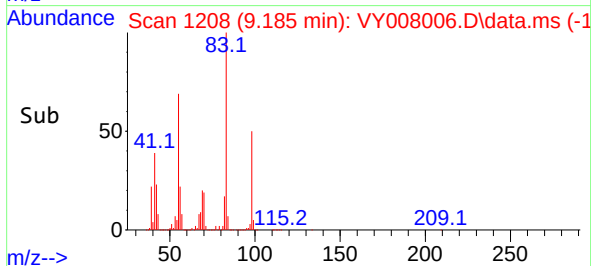
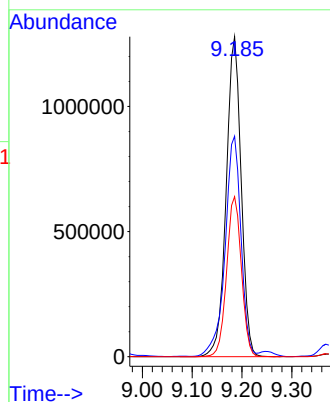
98 50.0 37.9 56.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 03/23/2022



#40

Benzene

Concen: 2504.640 ug/l m

RT: 8.143 min Scan# 1037

Delta R.T. -0.018 min

Lab File: VY008006.D

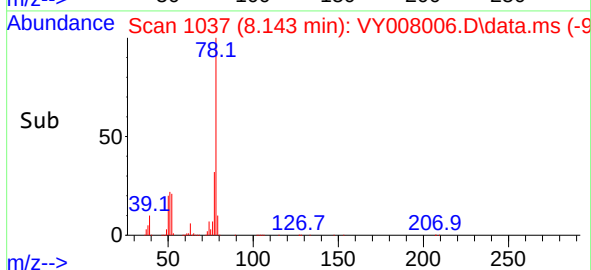
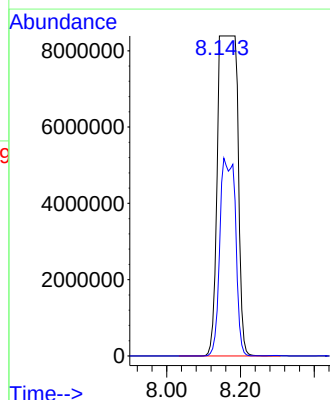
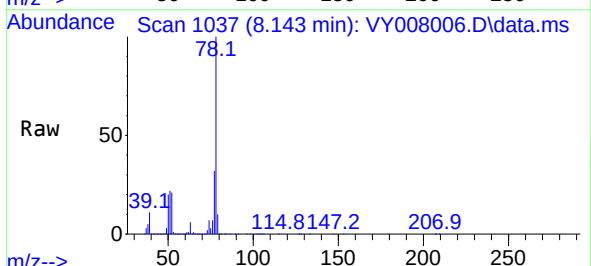
Acq: 22 Mar 2022 17:28

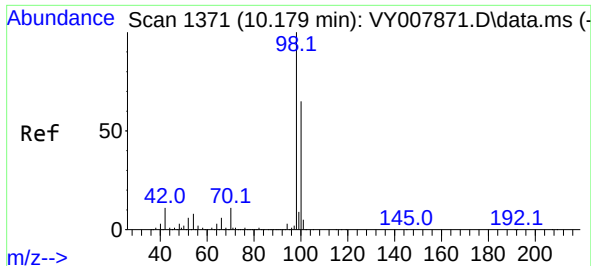
Tgt Ion: 78 Resp:31985318

Ion Ratio Lower Upper

78 100

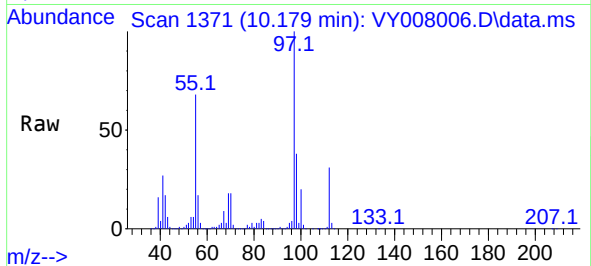
77 31.8 20.4 30.6#





#50
Toluene-d8
Concen: 62.041 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

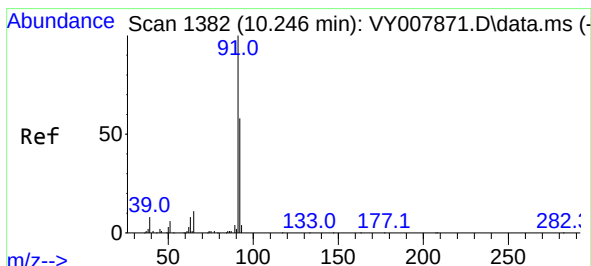
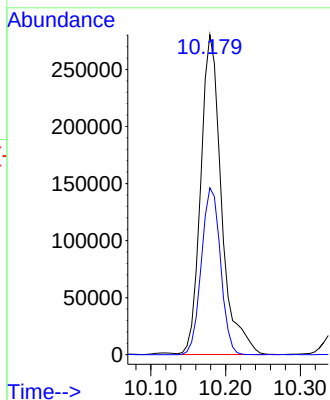
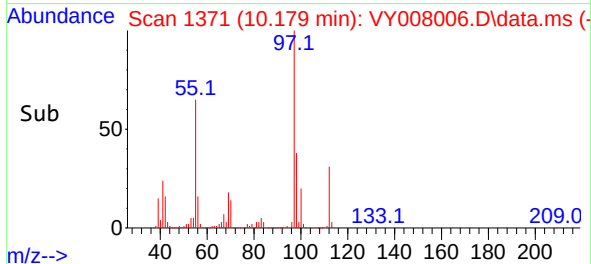
Instrument :
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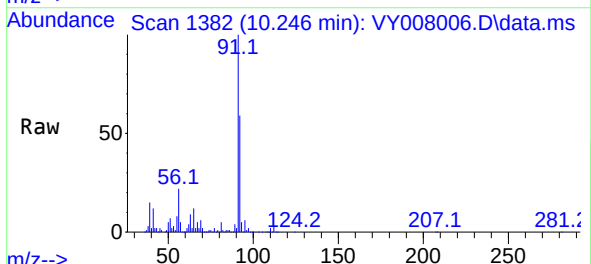
Tgt Ion: 98 Resp: 53947
Ion Ratio Lower Upper
98 100
100 48.1 50.2 75.2

Manual Integrations
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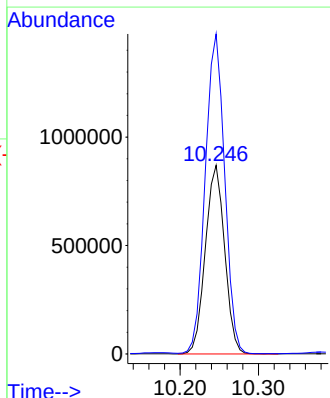
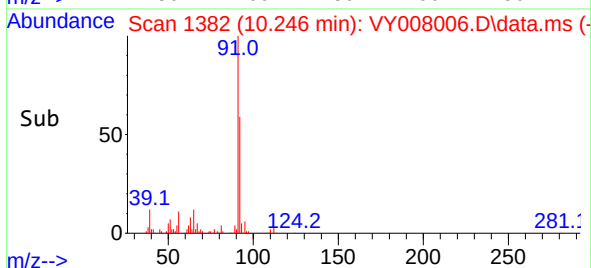
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

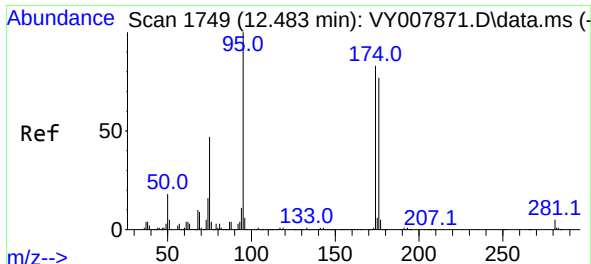


#52
Toluene
Concen: 180.722 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



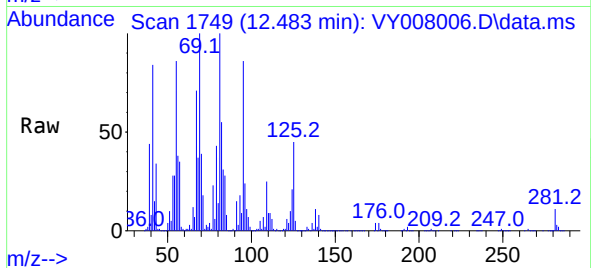
Tgt Ion: 92 Resp: 1482151
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 99.271 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

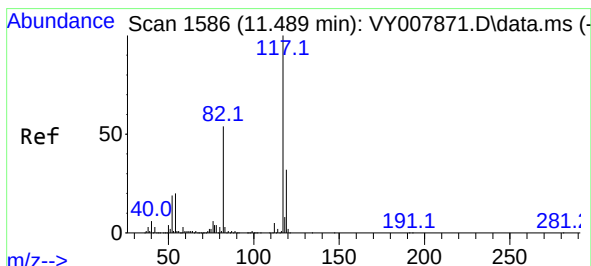
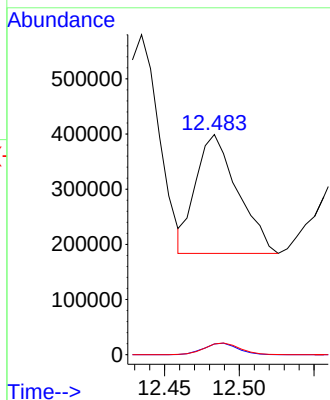
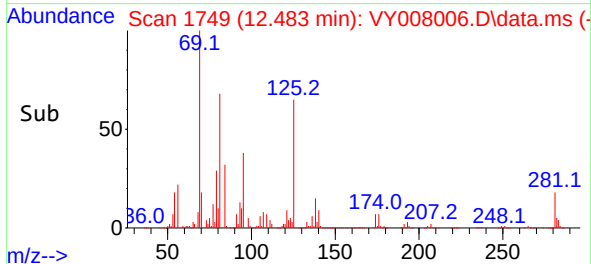
Instrument :
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RW-1-20220321-16.0-17.0



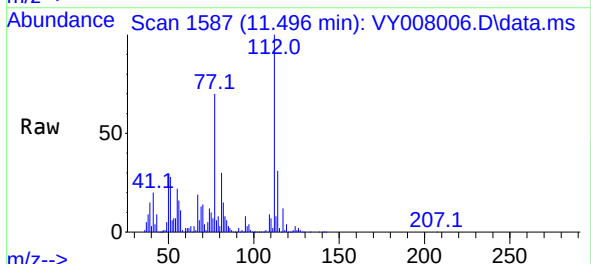
Tgt Ion: 95 Resp: 419784
Ion Ratio Lower Upper
95 100
174 7.8 0.0 177.0
176 8.3 0.0 175.8

Manual Integrations
APPROVED

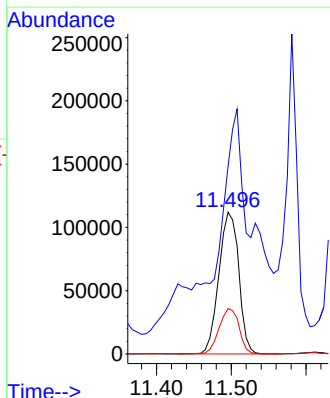
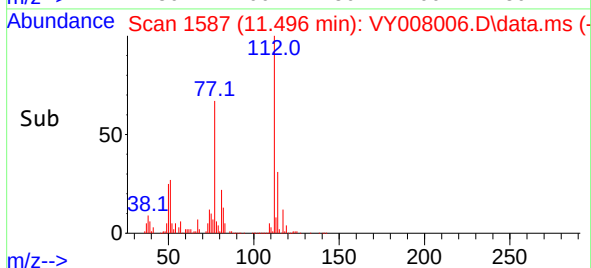
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

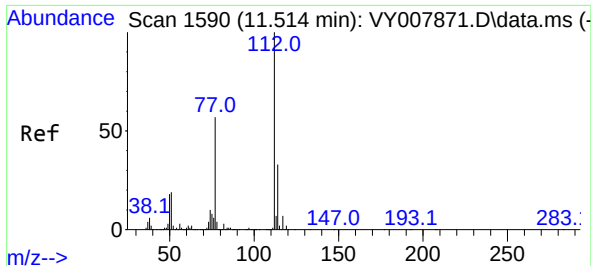


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



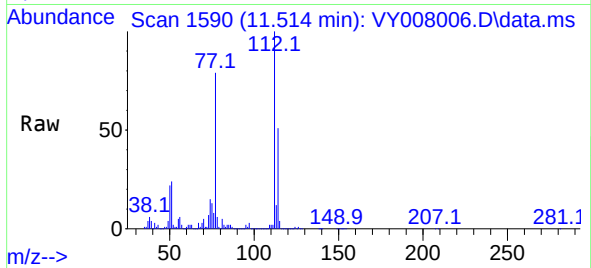
Tgt Ion:117 Resp: 207824
Ion Ratio Lower Upper
117 100
82 83.2 43.0 64.4#
119 31.9 25.4 38.0





#65
Chlorobenzene
Concen: 3846.402 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

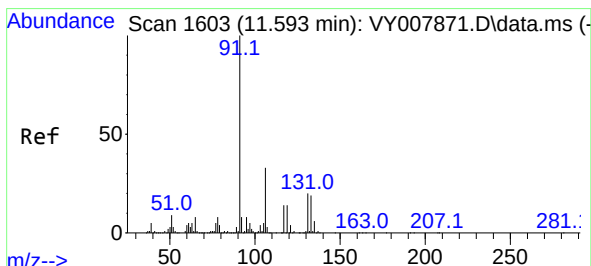
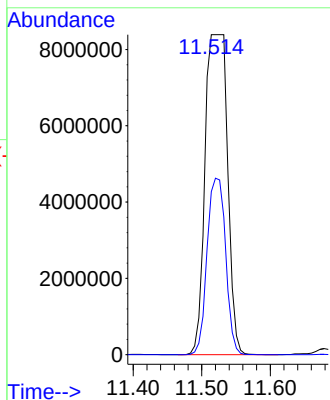
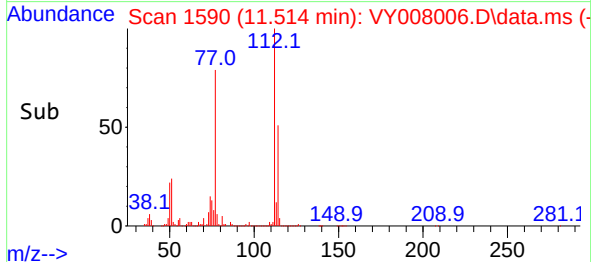
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



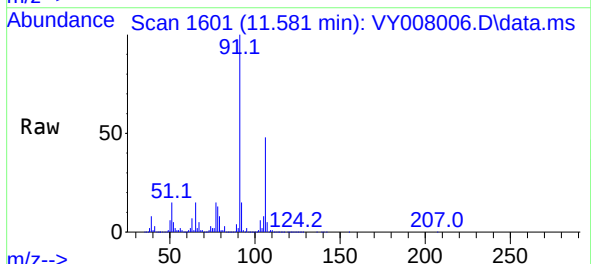
Tgt Ion:112 Resp:1914898
Ion Ratio Lower Upper
112 100
114 50.9 25.8 38.6

Manual Integrations
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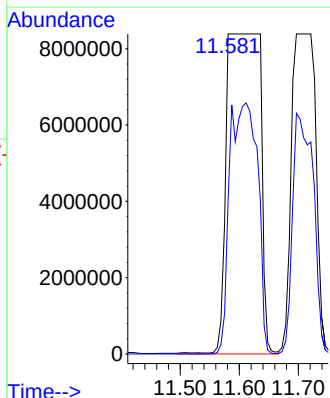
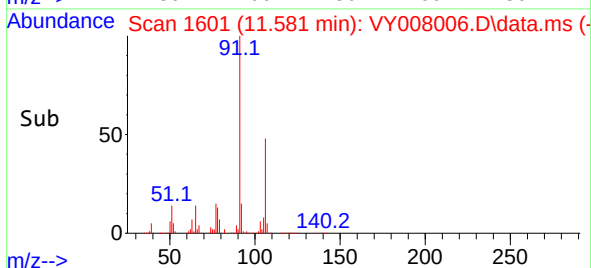
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

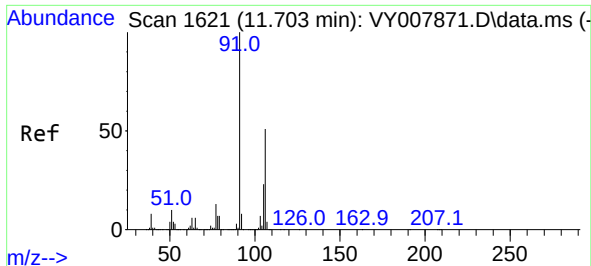


#67
Ethyl Benzene
Concen: 3762.399 ug/l m
RT: 11.581 min Scan# 1601
Delta R.T. -0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



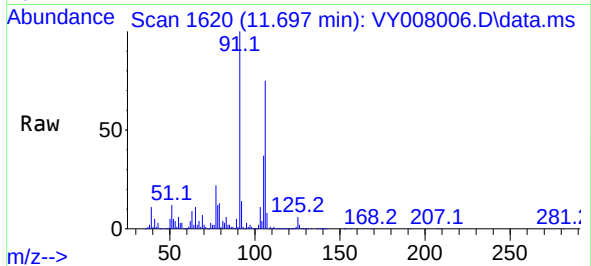
Tgt Ion: 91 Resp:33365827
Ion Ratio Lower Upper
91 100
106 48.1 24.5 36.7#





#68
m/p-Xylenes
Concen: 4417.855 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

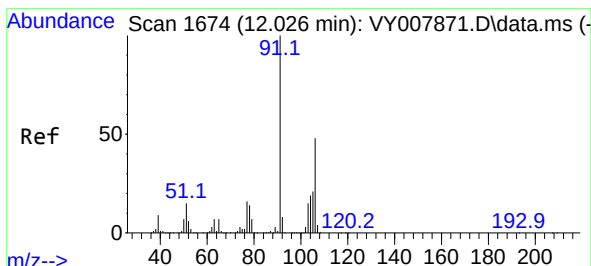
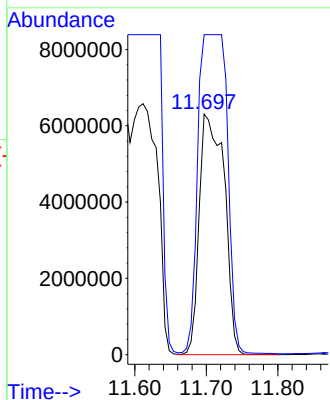
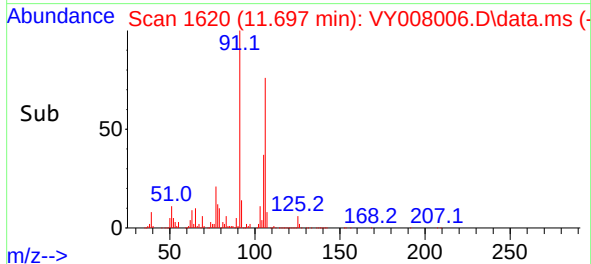
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



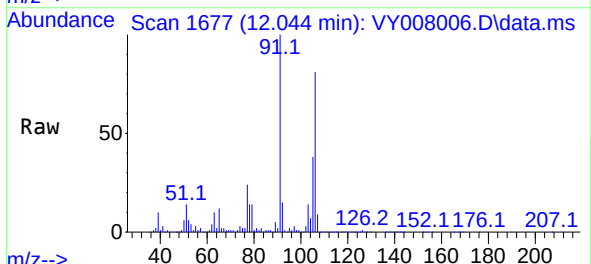
Tgt Ion:106 Resp:1528275
Ion Ratio Lower Upper
106 100
91 0.0 166.6 249.8

Manual Integrations
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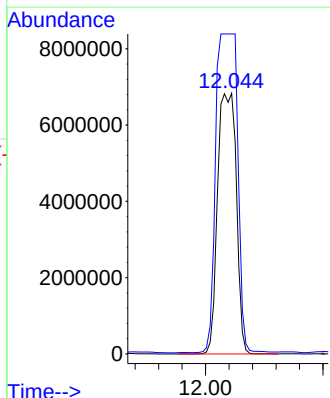
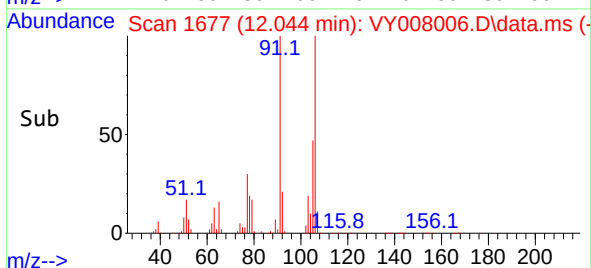
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

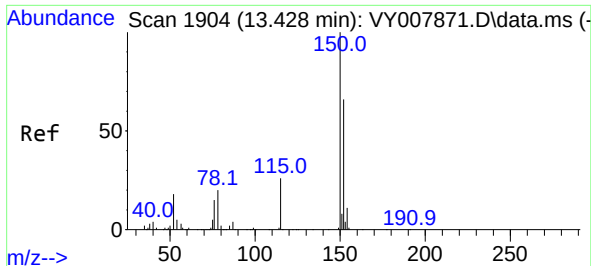


#69
o-Xylene
Concen: 4498.322 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



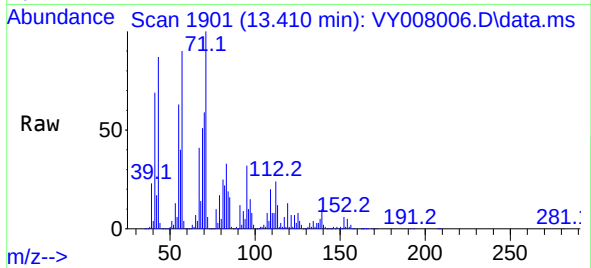
Tgt Ion:106 Resp:15051964
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

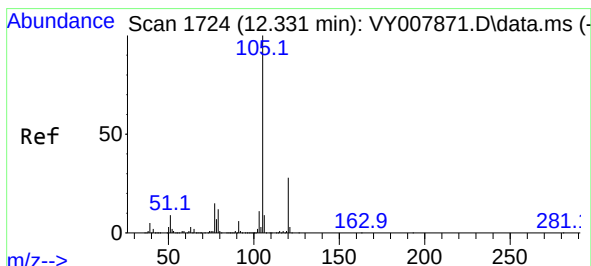
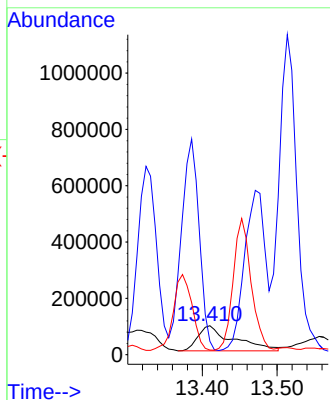
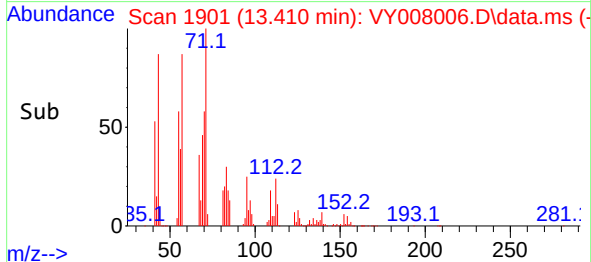
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



Tgt Ion:152 Resp: 294199
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7
150 0.0 0.0 347.6

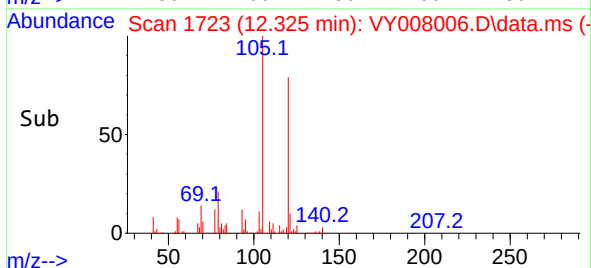
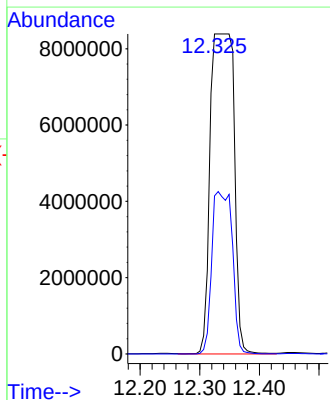
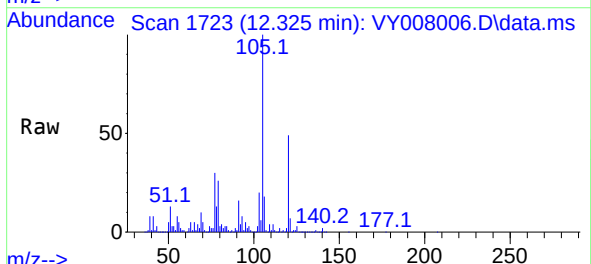
Manual Integrations
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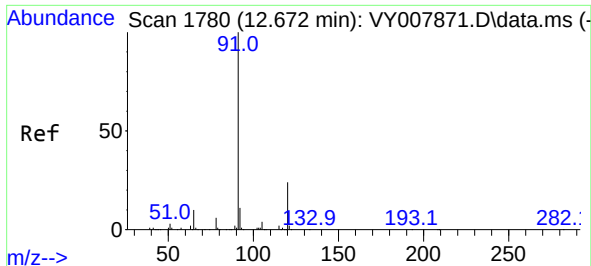
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#73
Isopropylbenzene
Concen: 899.919 ug/l m
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

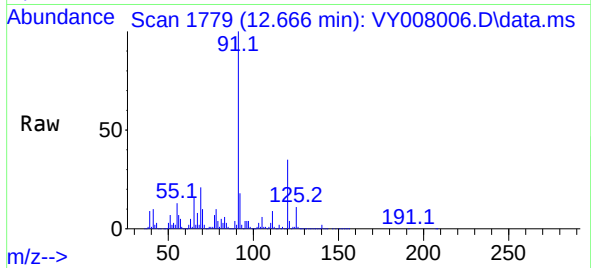
Tgt Ion:105 Resp:23304110
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#





#78
n-propylbenzene
Concen: 657.191 ug/l m
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

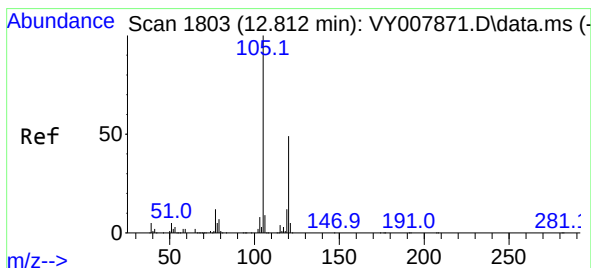
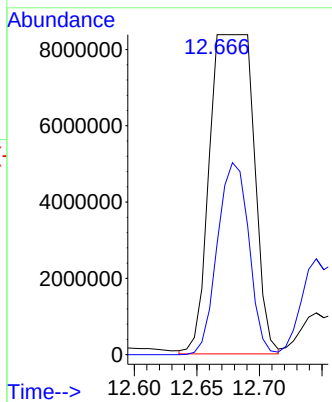
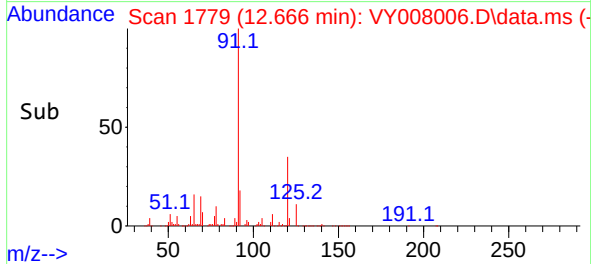
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



Tgt Ion: 91 Resp:2055044
Ion Ratio Lower Upper
91 100
120 66.9 11.3 33.9

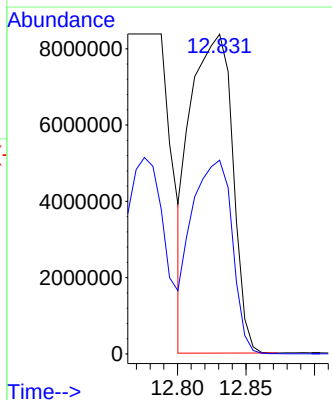
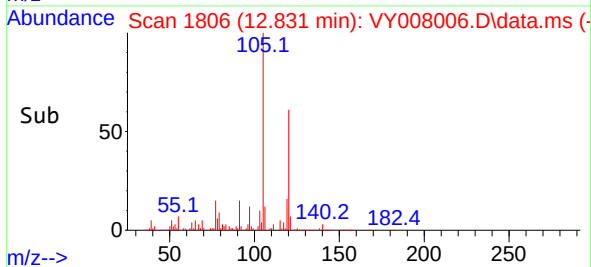
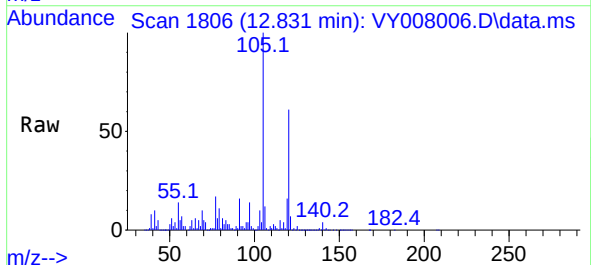
Manual Integrations
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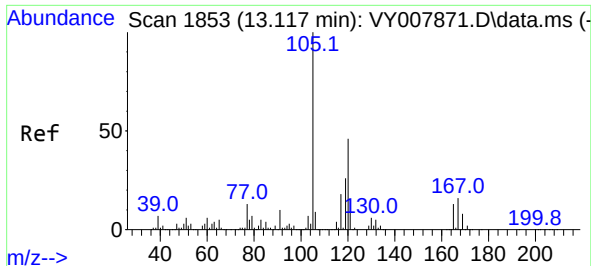
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 842.807 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

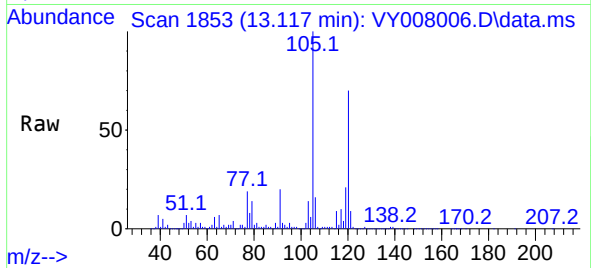
Tgt Ion:105 Resp:17948347
Ion Ratio Lower Upper
105 100
120 58.3 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 1290.636 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

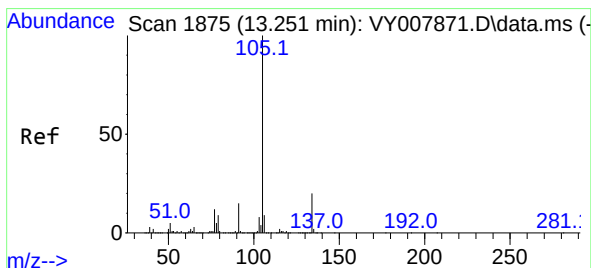
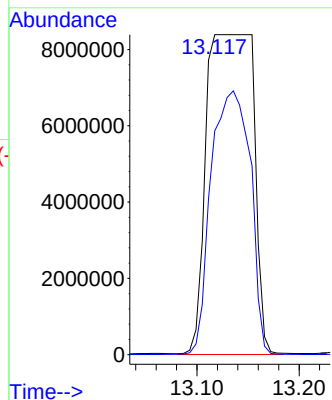
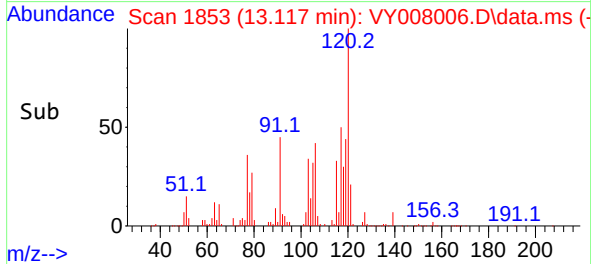
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



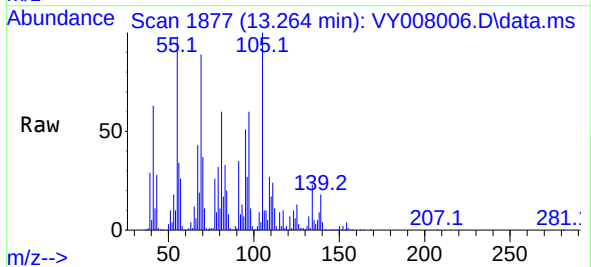
Tgt Ion:105 Resp:26943256
Ion Ratio Lower Upper
105 100
120 37.1 22.3 66.9

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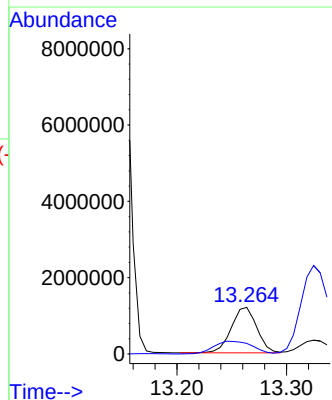
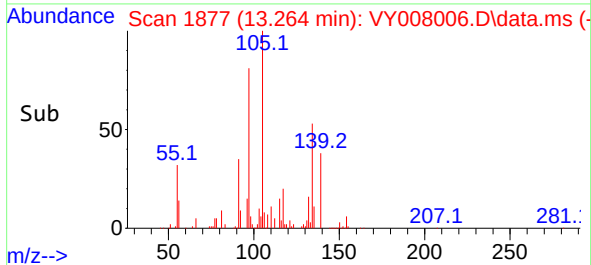
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

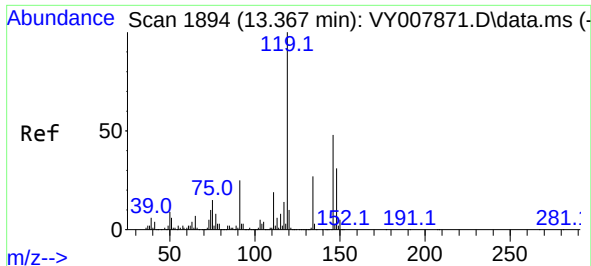


#85
sec-Butylbenzene
Concen: 67.772 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



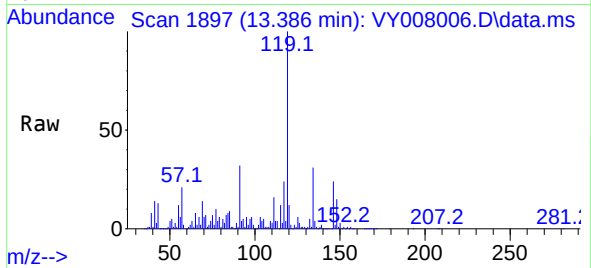
Tgt Ion:105 Resp: 1935568
Ion Ratio Lower Upper
105 100
134 41.8 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 498.344 ug/l
RT: 13.386 min Scan# 119
Delta R.T. 0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

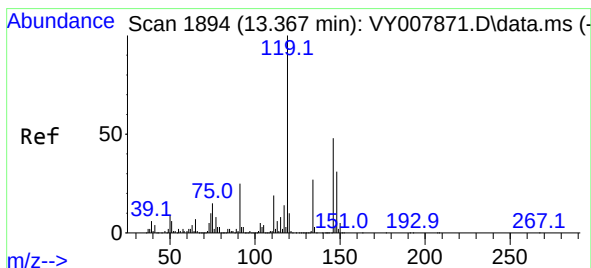
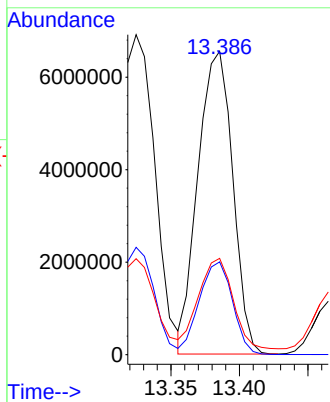
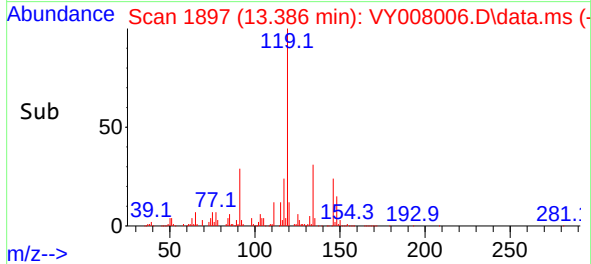
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-16.0-17.0



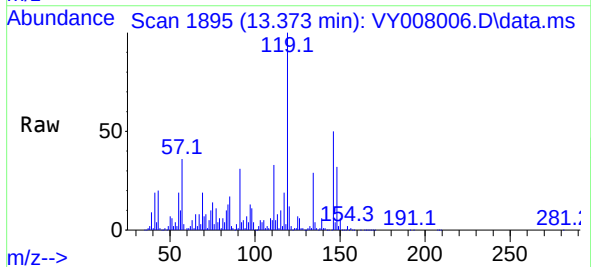
Tgt Ion:119 Resp:1155454
Ion Ratio Lower Upper
119 100
134 29.3 13.2 39.5
91 29.2 12.4 37.2

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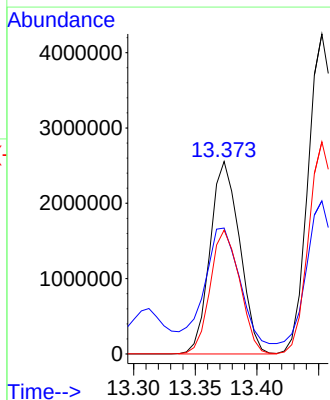
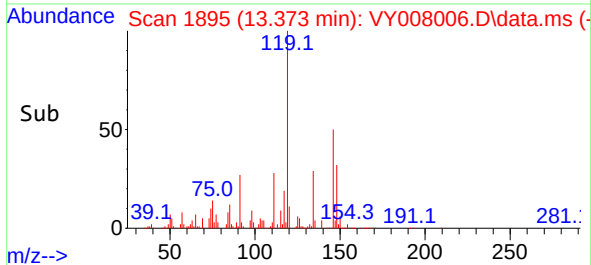
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

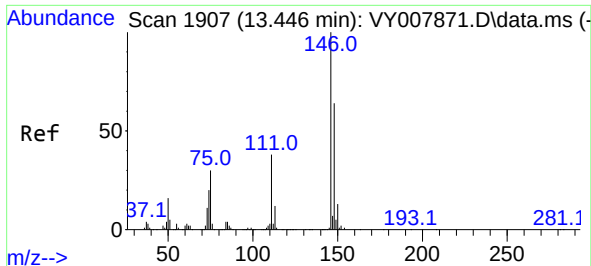


#87
1,3-Dichlorobenzene
Concen: 368.510 ug/l m
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



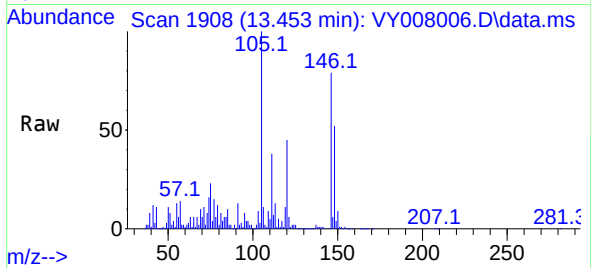
Tgt Ion:146 Resp: 4258941
Ion Ratio Lower Upper
146 100
111 74.8 19.5 58.5#
148 107.9 31.6 95.0#





#88
1,4-Dichlorobenzene
Concen: 609.478 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

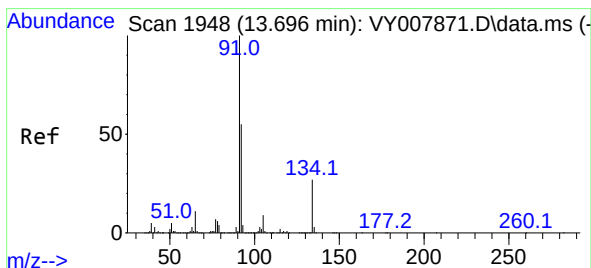
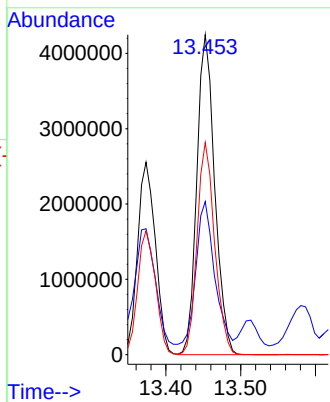
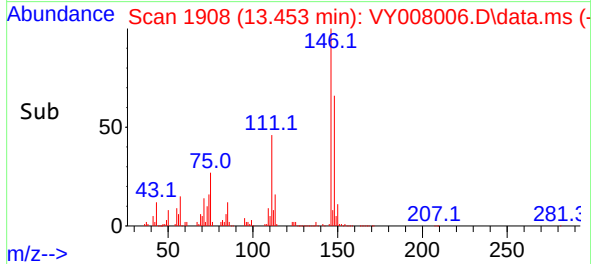
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



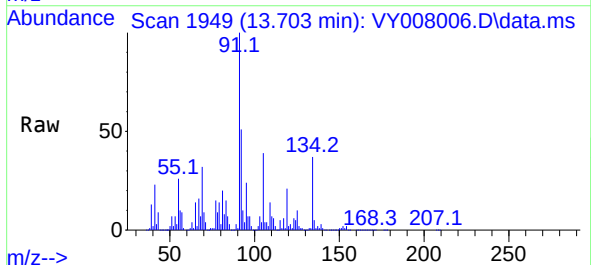
Tgt Ion:146 Resp: 7059784
Ion Ratio Lower Upper
146 100
111 45.1 19.3 57.8
148 65.1 32.6 97.8

Manual Integrations
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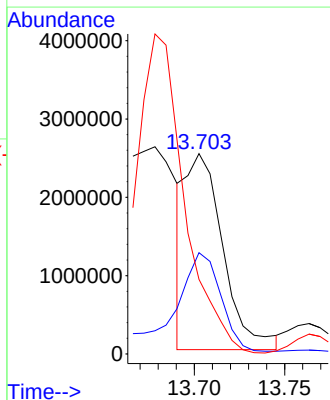
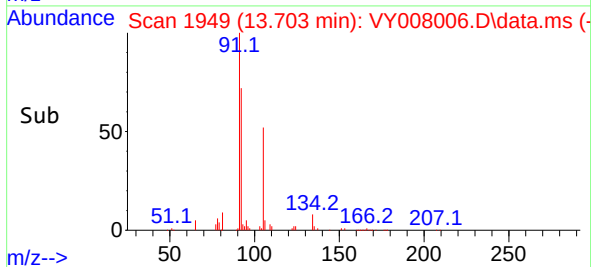
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

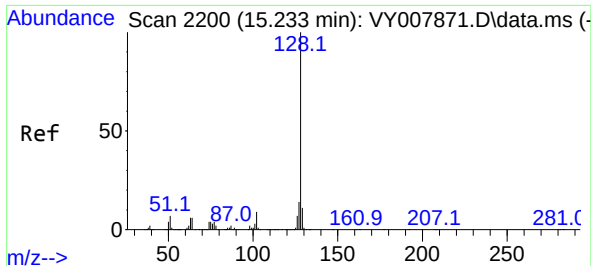


#89
n-Butylbenzene
Concen: 163.148 ug/l m
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28



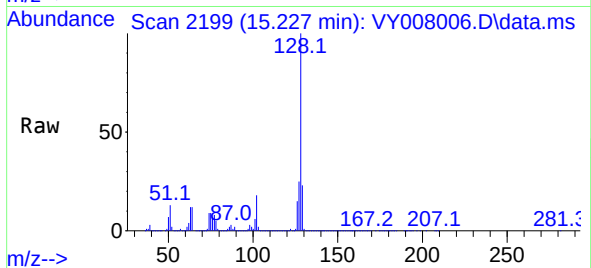
Tgt Ion: 91 Resp: 3630203
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 1651.677 ug/l m
RT: 15.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0



Tgt Ion:128 Resp:24216300
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4
129 0.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

