

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008405.D
 Acq On : 19 Apr 2022 18:51
 Operator : KP/MD
 Sample : N2468-05
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-7-GR

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 06:31:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50586	54.022	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.040%			
35) Dibromofluoromethane	7.722	113	54550	58.086	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.180%			
50) Toluene-d8	10.179	98	205740	64.024	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 128.040%			
62) 4-Bromofluorobenzene	12.483	95	63320	52.388	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.780%			
Target Compounds					Qvalue	
16) Acetone	4.003	43	10668m	47.366	ug/l	
17) Carbon Disulfide	4.186	76	26268	10.127	ug/l	99
25) 2-Butanone	7.021	43	7352	20.876	ug/l #	87
31) Cyclohexane	7.783	56	9246	5.460	ug/l #	55
39) Methylcyclohexane	9.179	83	22405	11.612	ug/l	90
40) Benzene	8.161	78	19246	4.310	ug/l	97
52) Toluene	10.246	92	52770	17.935	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	6708	1.884	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	19751	5.606	ug/l	99
85) sec-Butylbenzene	13.257	105	6904	1.458	ug/l	90

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

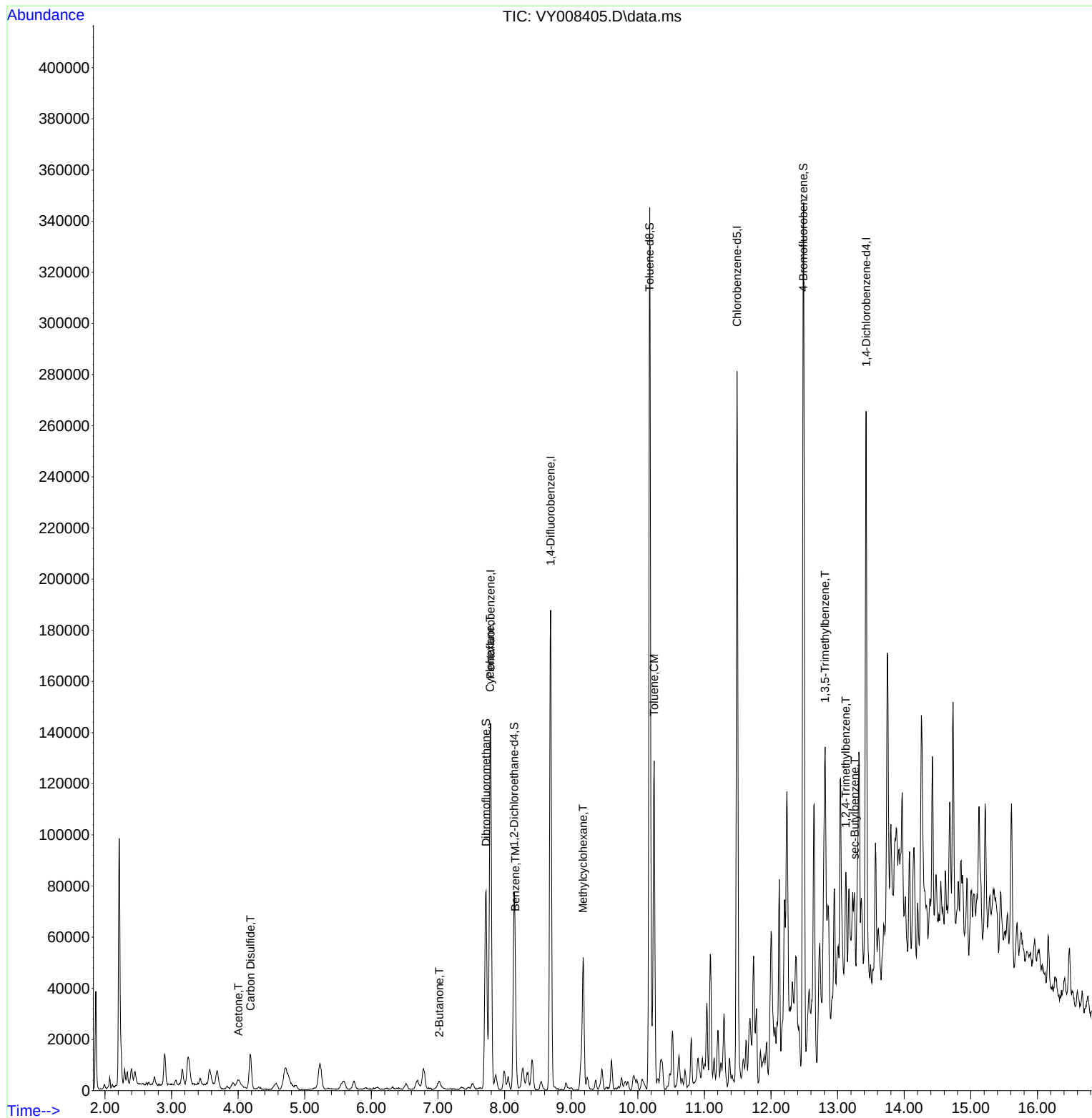
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
Data File : VY008405.D
Acq On : 19 Apr 2022 18:51
Operator : KP/MD
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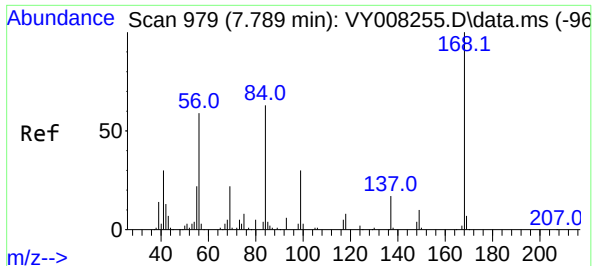
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR

Quant Time: Apr 20 06:31:10 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

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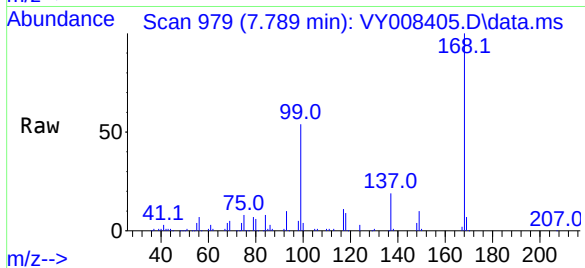
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

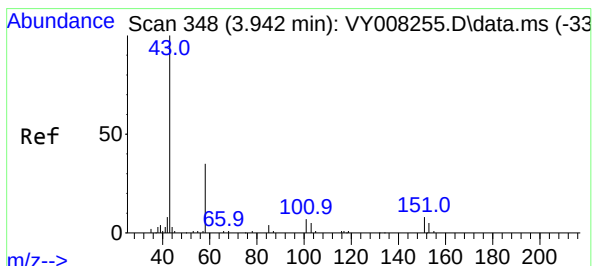
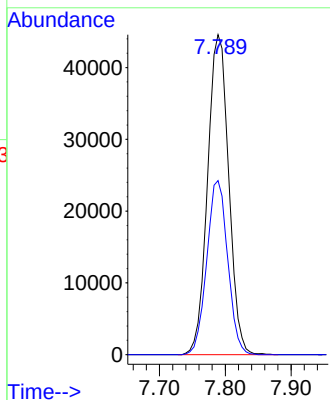
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



Tgt Ion:168 Resp: 9968
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3

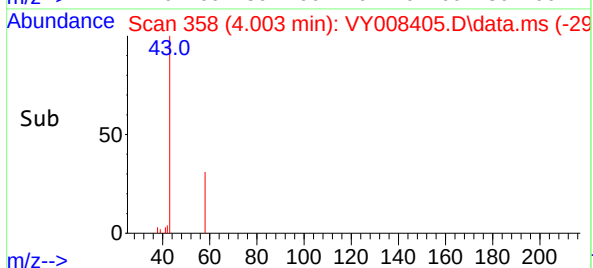
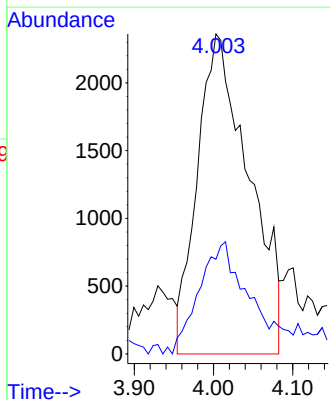
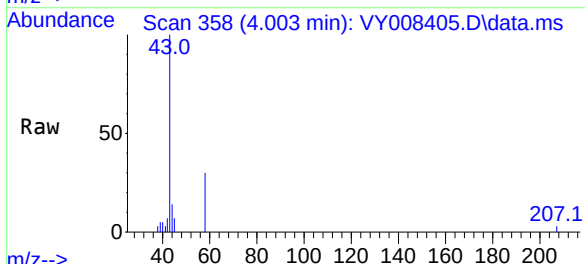
Manual Integrations
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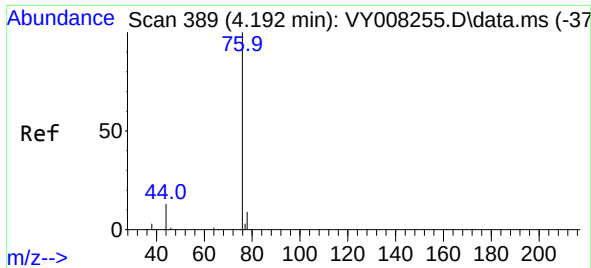
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 47.366 ug/l m
RT: 4.003 min Scan# 358
Delta R.T. 0.061 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

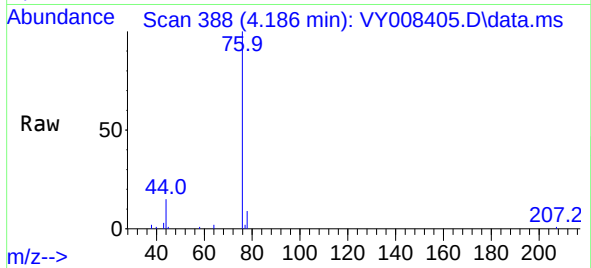
Tgt Ion: 43 Resp: 10668
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0





#17
Carbon Disulfide
Concen: 10.127 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

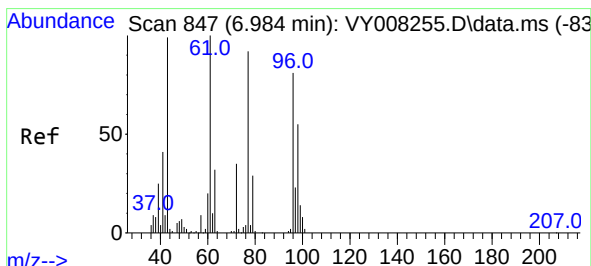
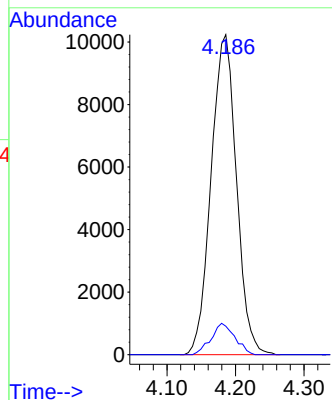
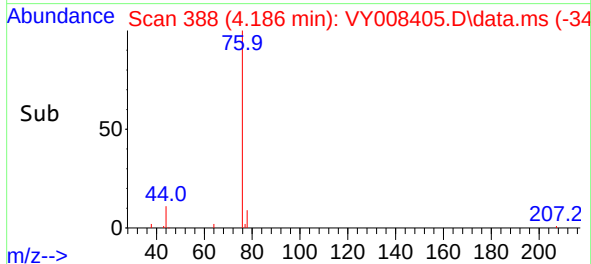
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



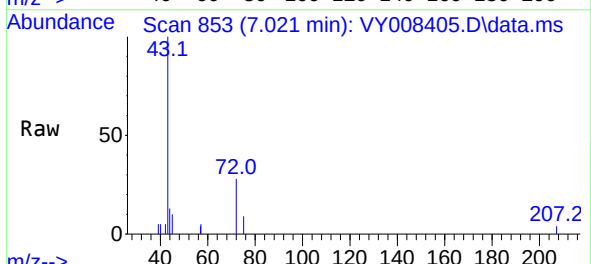
Tgt Ion: 76 Resp: 2626
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

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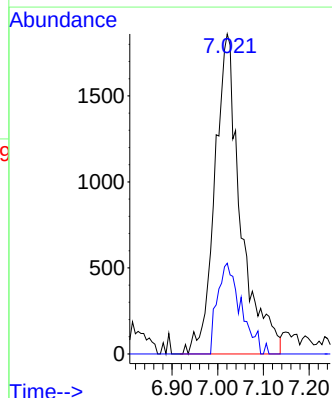
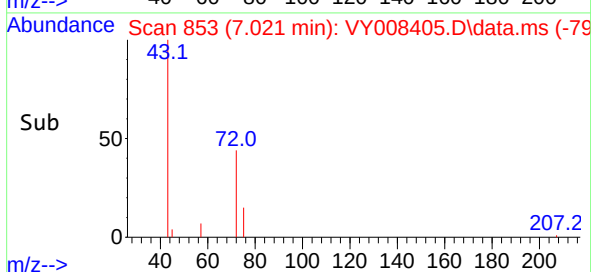
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

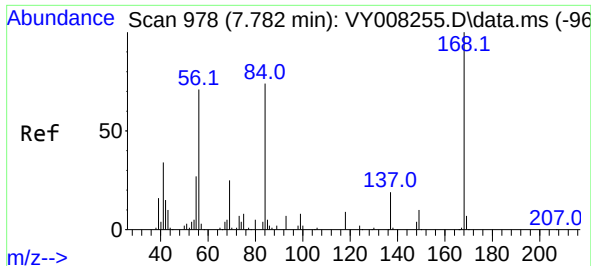


#25
2-Butanone
Concen: 20.876 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.037 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51



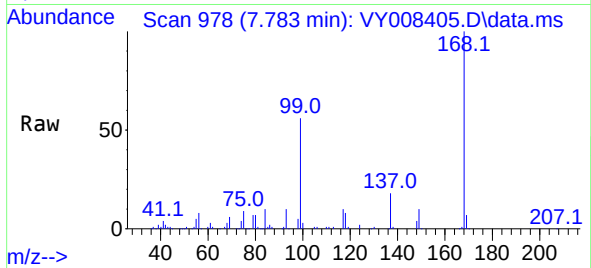
Tgt Ion: 43 Resp: 7352
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5#





#31
Cyclohexane
Concen: 5.460 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

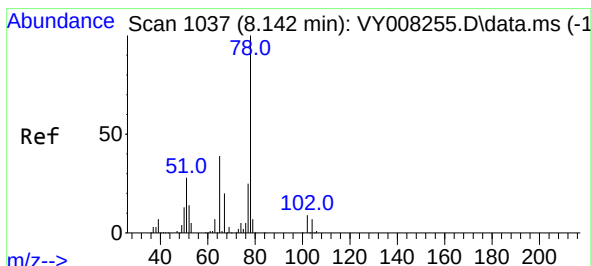
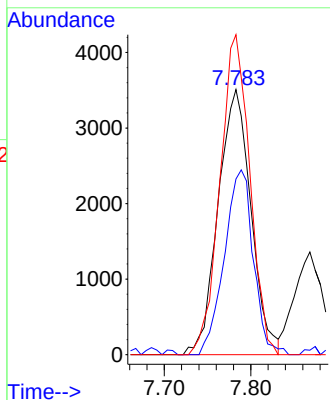
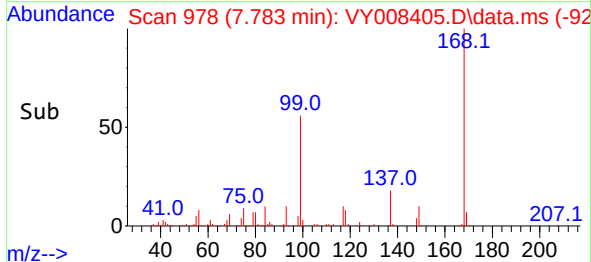
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



Tgt Ion: 56 Resp: 9240
Ion Ratio Lower Upper
56 100
69 66.3 26.7 40.1
84 120.7 67.2 100.8

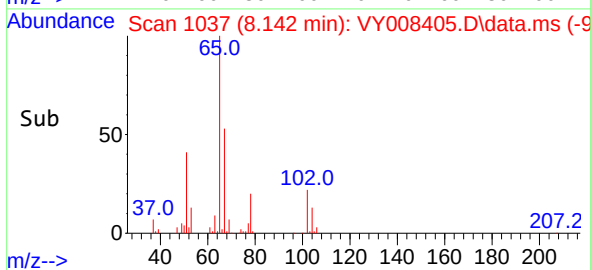
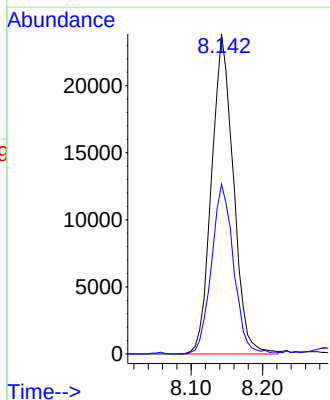
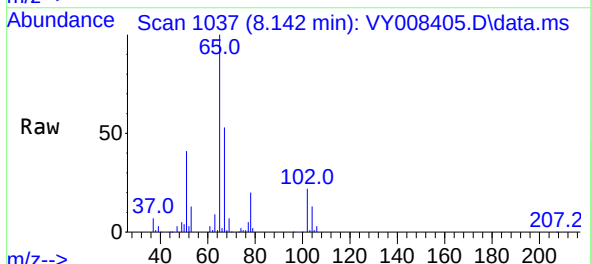
Manual Integrations
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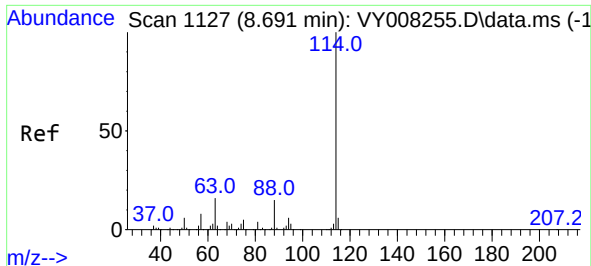
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 54.022 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

Tgt Ion: 65 Resp: 50586
Ion Ratio Lower Upper
65 100
67 53.8 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: VY008405.D

Acq: 19 Apr 2022 18:51

Instrument :

MSVOA_Y

ClientSampleId :

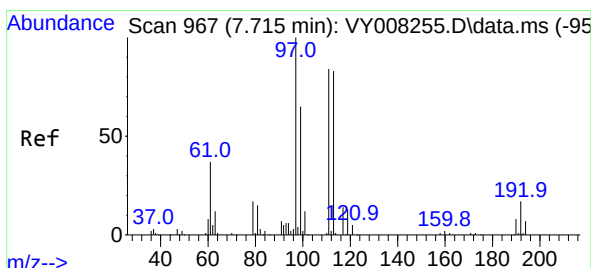
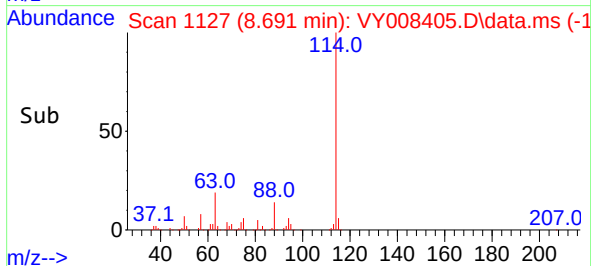
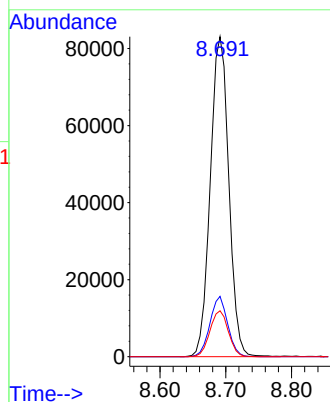
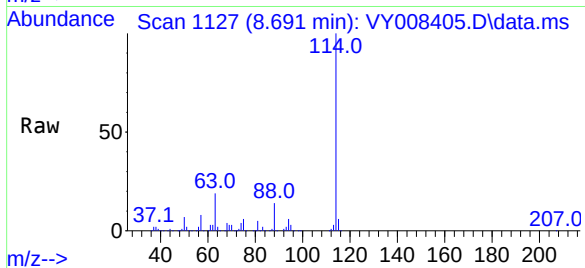
WC-15-1-7-GR

Tgt Ion:	114	Resp:	162590
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	43.2
88	14.3	0.0	31.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#35

Dibromofluoromethane

Concen: 58.086 ug/l

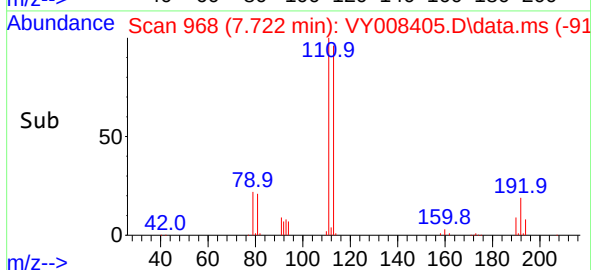
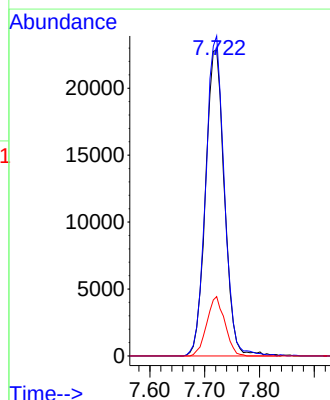
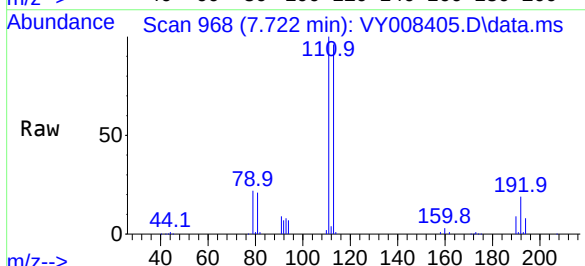
RT: 7.722 min Scan# 968

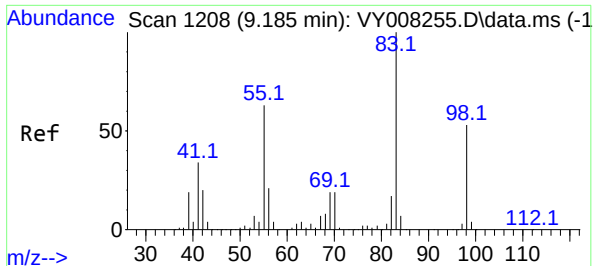
Delta R.T. 0.007 min

Lab File: VY008405.D

Acq: 19 Apr 2022 18:51

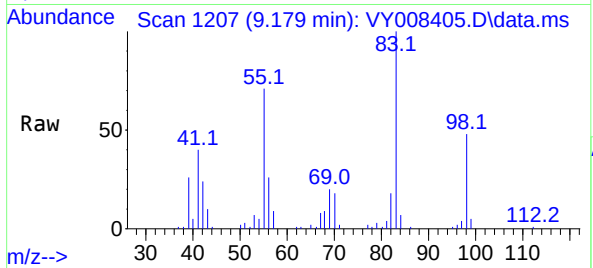
Tgt Ion:	113	Resp:	54550
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	18.6	17.6	26.4





#39
Methylcyclohexane
Concen: 11.612 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

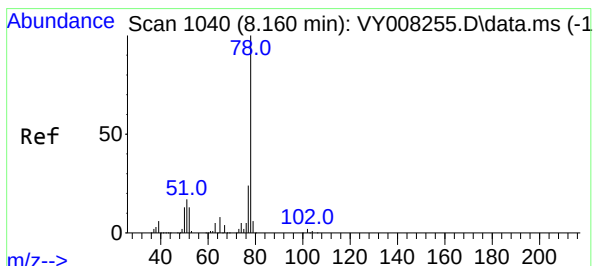
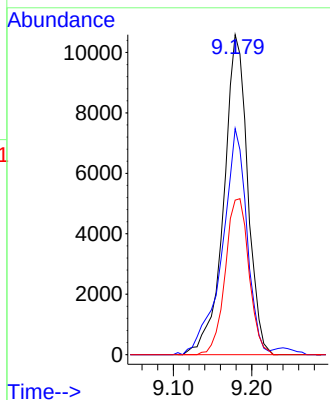
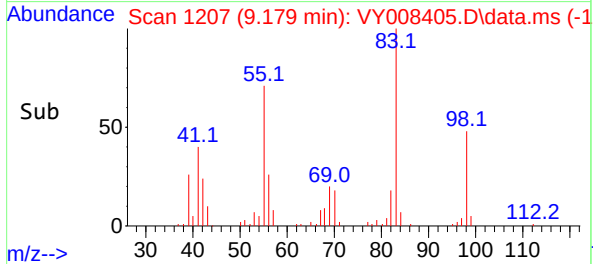
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



Tgt Ion: 83 Resp: 2240
Ion Ratio Lower Upper
83 100
55 70.0 66.5 99.7
98 48.3 37.9 56.9

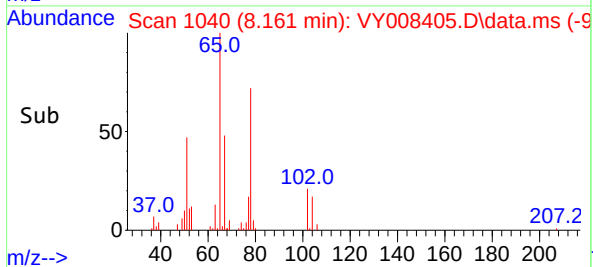
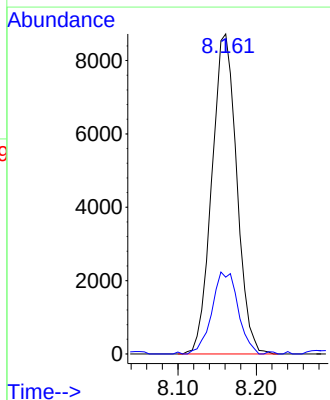
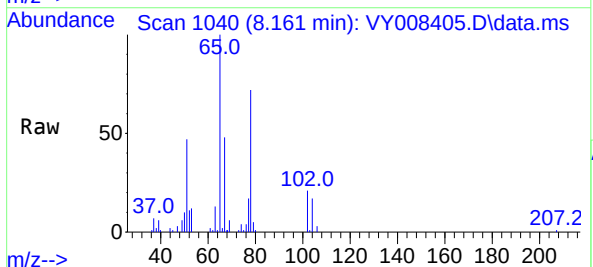
Manual Integrations
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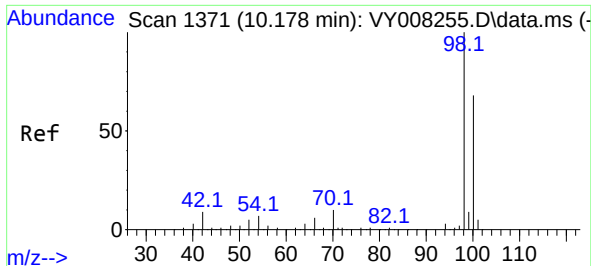
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#40
Benzene
Concen: 4.310 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

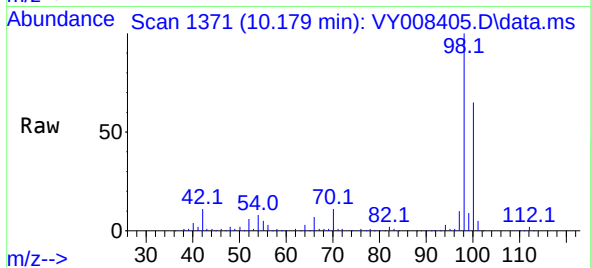
Tgt Ion: 78 Resp: 19246
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#50
Toluene-d8
Concen: 64.024 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

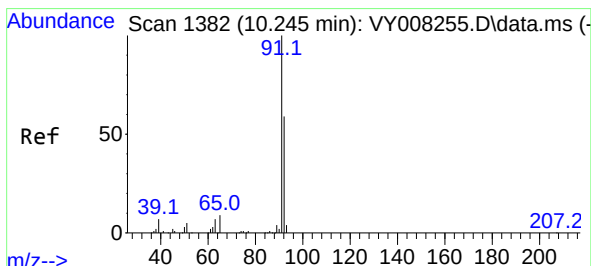
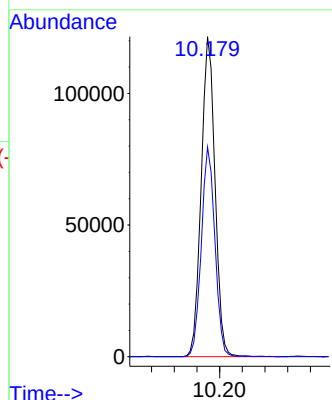
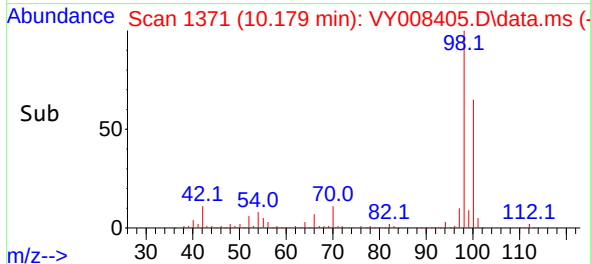
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



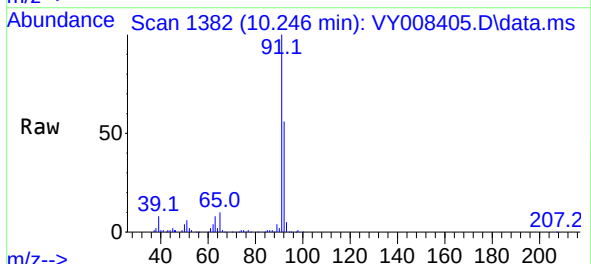
Tgt Ion: 98 Resp: 205740
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

Manual Integrations
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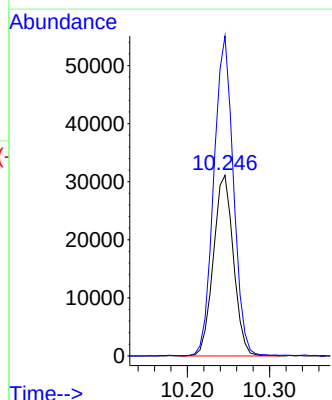
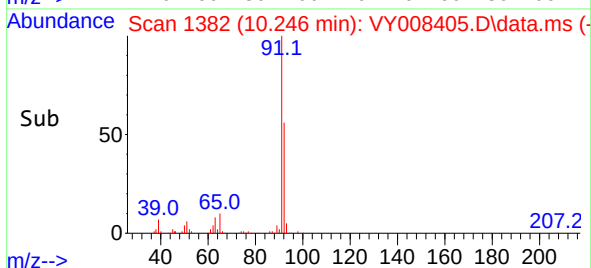
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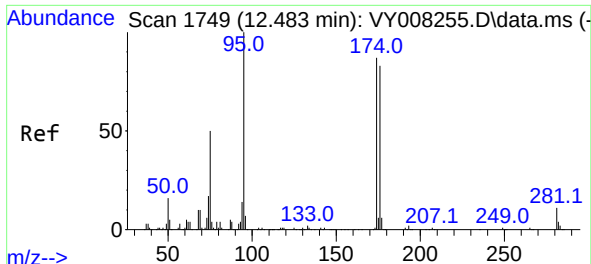


#52
Toluene
Concen: 17.935 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51



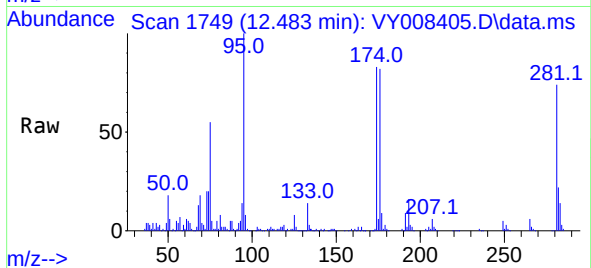
Tgt Ion: 92 Resp: 52770
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 52.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

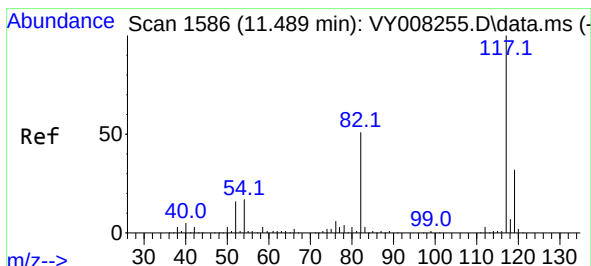
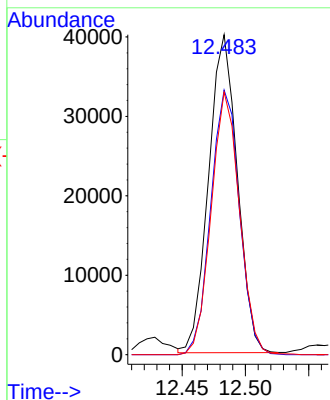
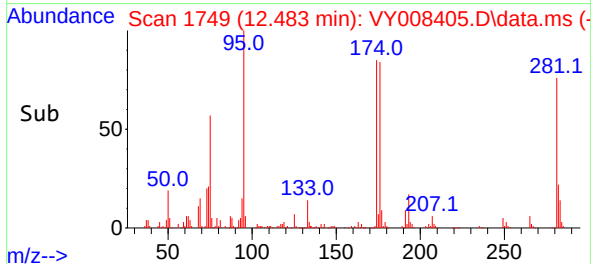
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



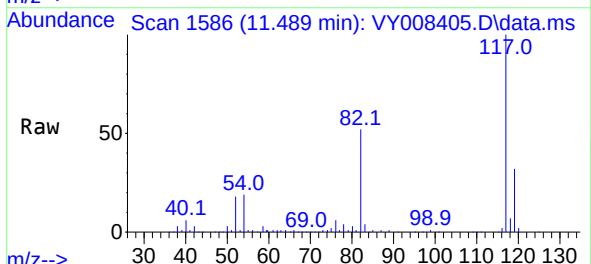
Tgt Ion: 95 Resp: 63320
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 81.0 0.0 175.8

Manual Integrations
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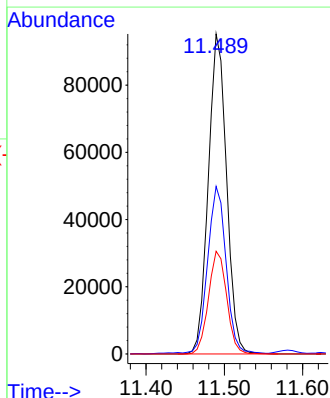
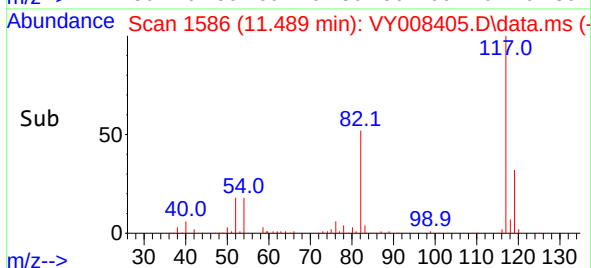
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

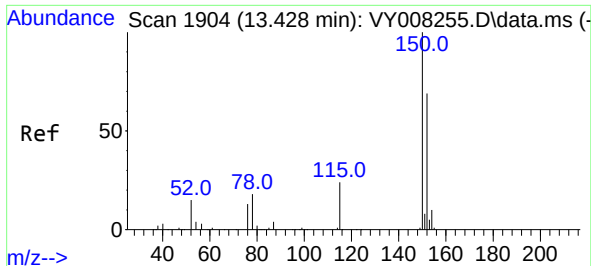


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51



Tgt Ion:117 Resp: 153864
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.1 25.4 38.0





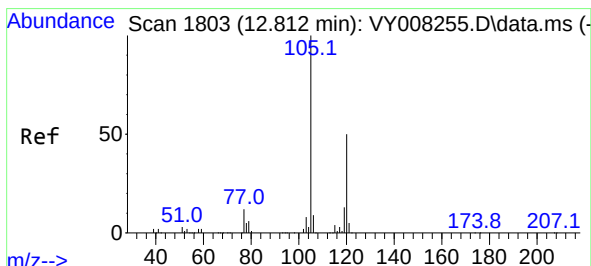
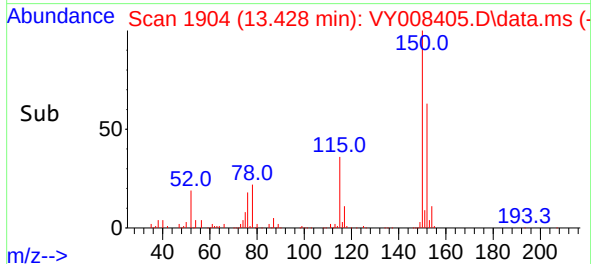
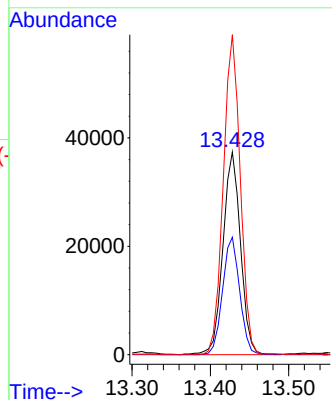
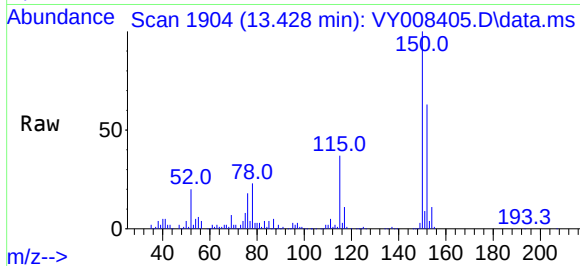
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR

Tgt Ion:152 Resp: 58390
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 152.6 0.0 347.6

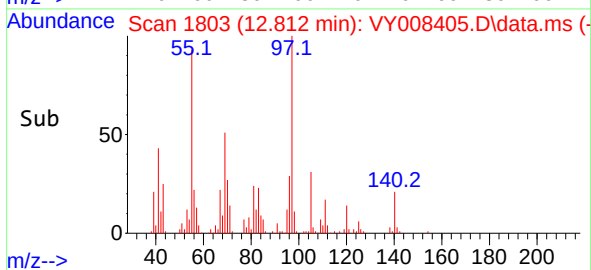
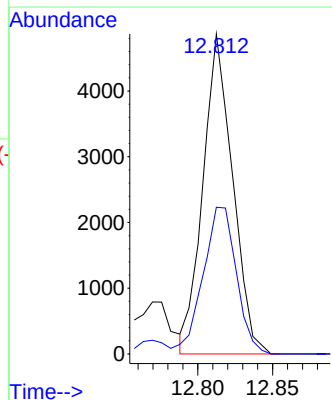
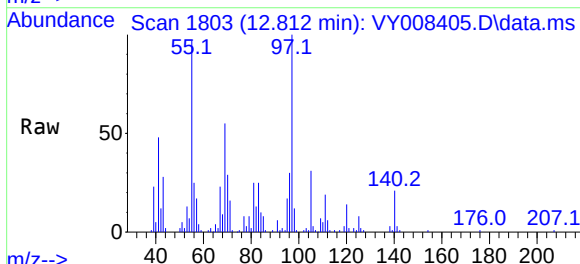
Manual Integrations
APPROVED

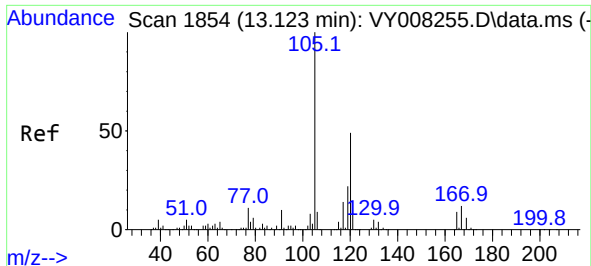
Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.884 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

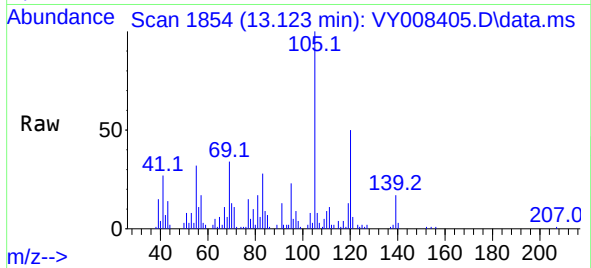
Tgt Ion:105 Resp: 6708
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 5.606 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

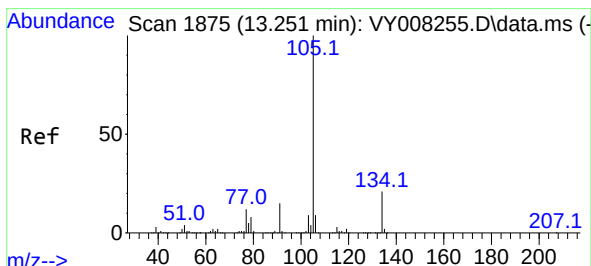
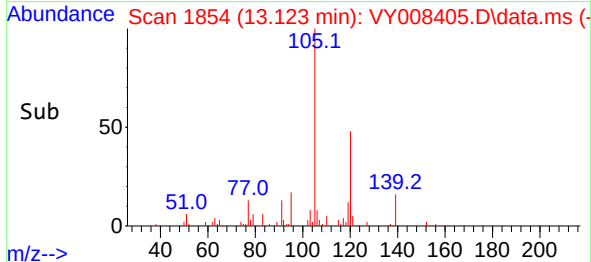
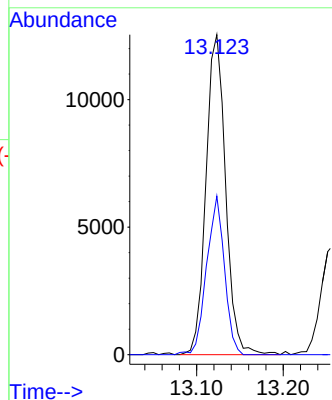
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-7-GR



Tgt Ion:105 Resp: 1975
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#85
sec-Butylbenzene
Concen: 1.458 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY008405.D
Acq: 19 Apr 2022 18:51

Tgt Ion:105 Resp: 6904
Ion Ratio Lower Upper
105 100
134 15.6 10.2 30.4

