

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007857.D
 Acq On : 11 Mar 2022 16:13
 Operator : SY/MD
 Sample : N1848-09
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B2-030722-4-5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140055	68.277	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.560%			
35) Dibromofluoromethane	7.716	113	121902	54.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.500%			
50) Toluene-d8	10.179	98	438030	52.960	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.477	95	132824	49.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.640%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	5062	12.131	ug/l #	71
69) o-Xylene	12.026	106	36331	7.726	ug/l	94
73) Isopropylbenzene	12.325	105	52080	4.789	ug/l	99
78) n-propylbenzene	12.672	91	162989	12.421	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	246648	28.367	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	472144	55.127	ug/l	97

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

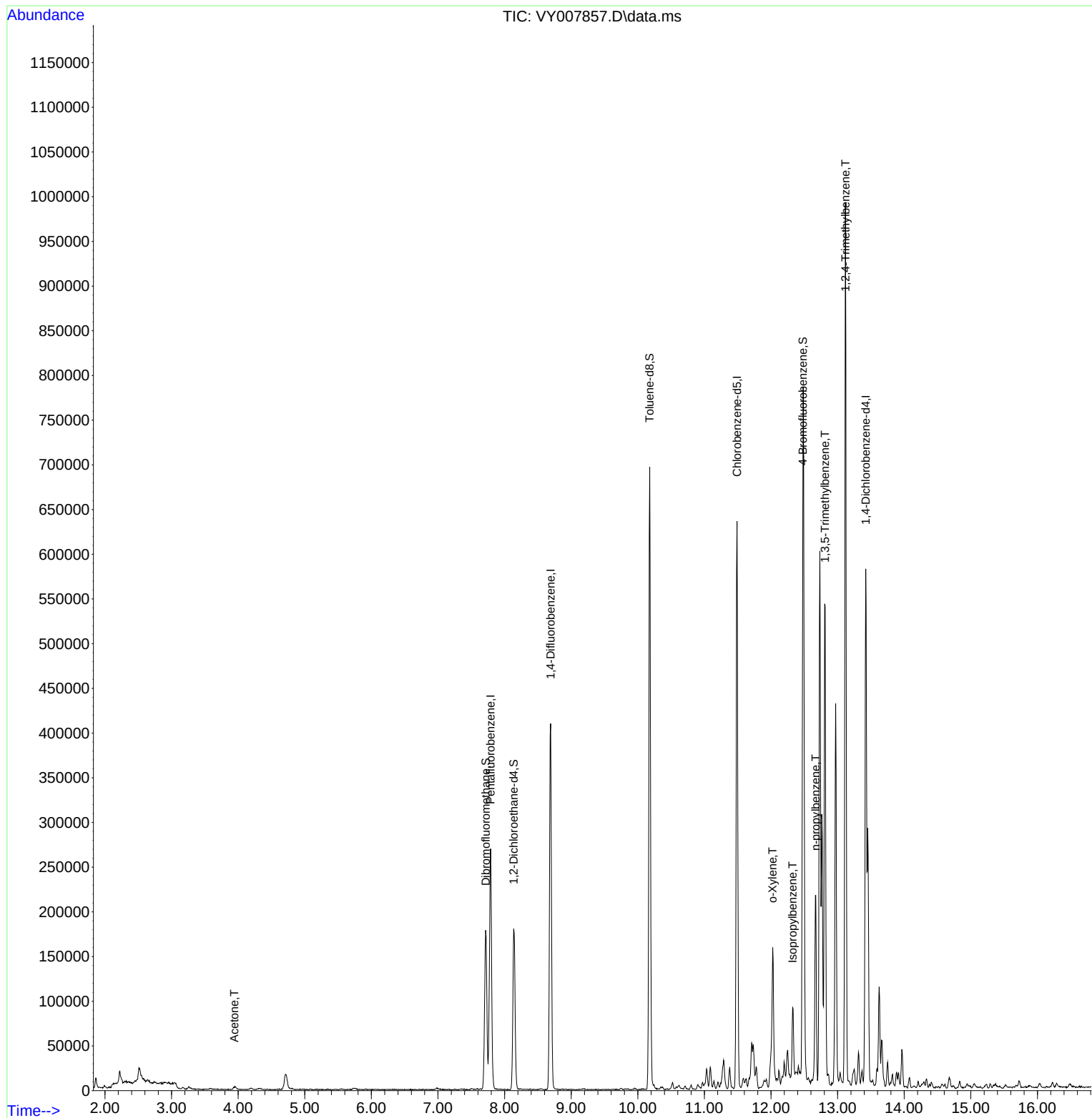
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007857.D
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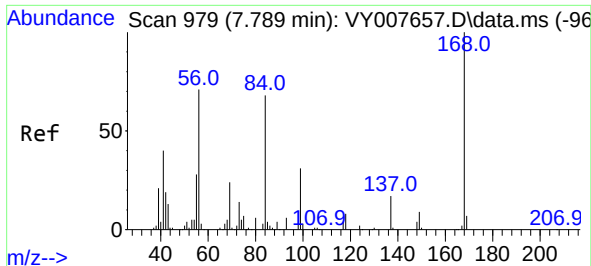
Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-4-5

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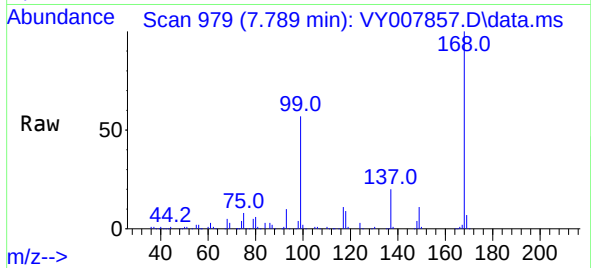
Quant Time: Mar 11 23:23:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

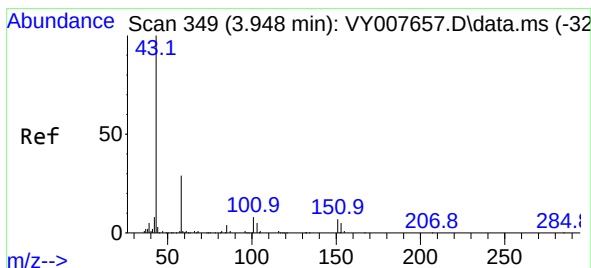
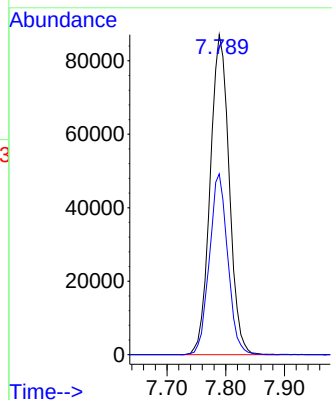
Instrument :
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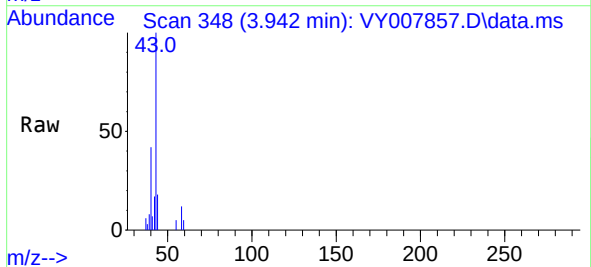
Tgt Ion:168 Resp: 195930
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3

Manual Integrations
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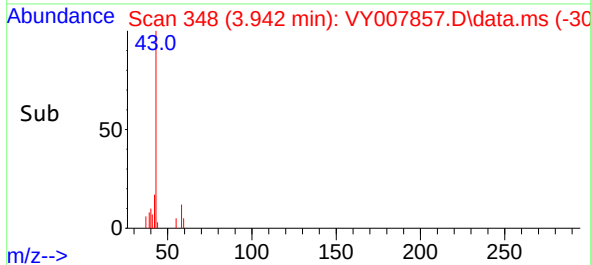
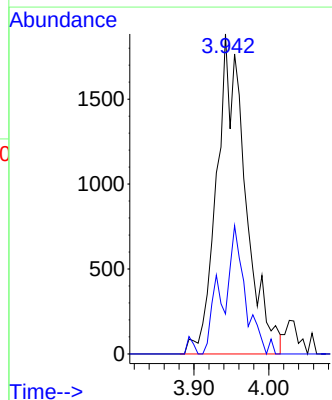
Reviewed By :John Carlone 03/14/2022
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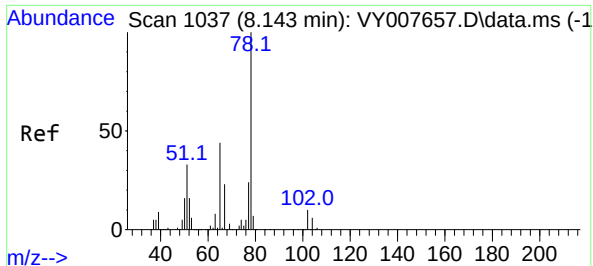


#16
Acetone
Concen: 12.131 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13



Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
58 12.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 68.277 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY007857.D

Acq: 11 Mar 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

CG-B2-030722-4-5

Tgt Ion: 65 Resp: 14005

Ion Ratio Lower Upper

65 100

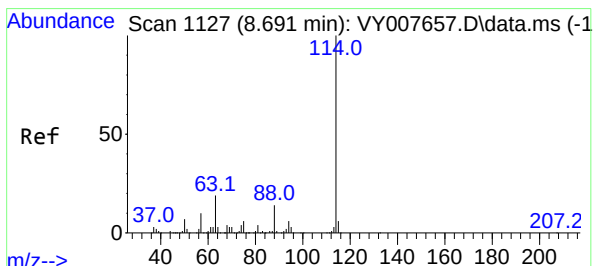
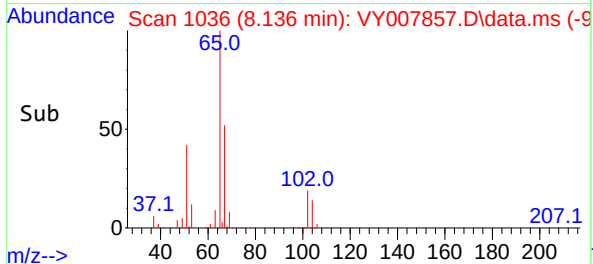
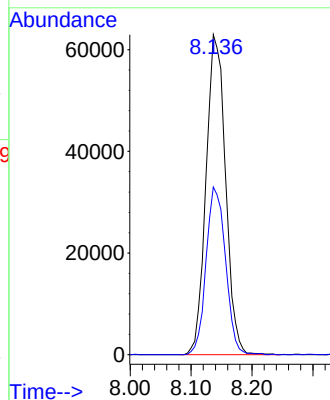
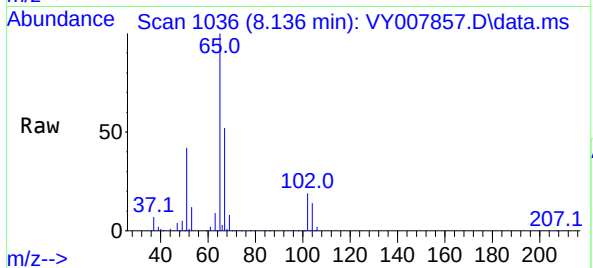
67 52.2 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007857.D

Acq: 11 Mar 2022 16:13

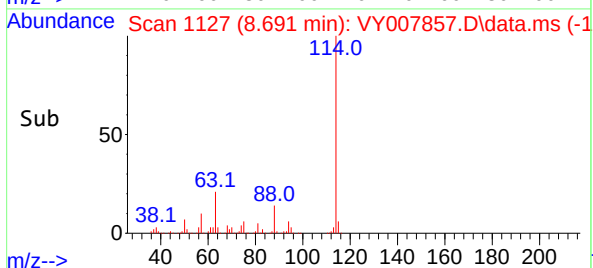
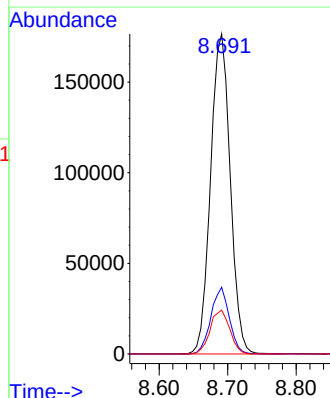
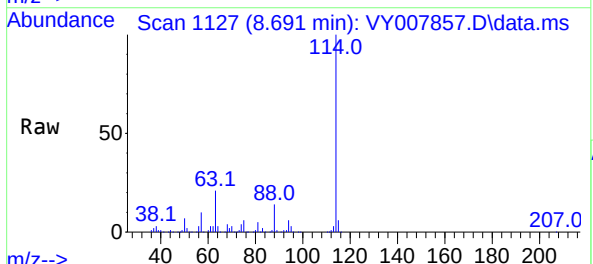
Tgt Ion:114 Resp: 351446

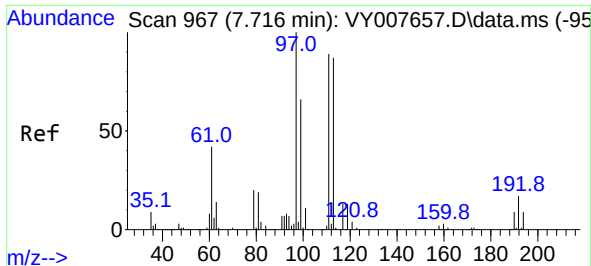
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

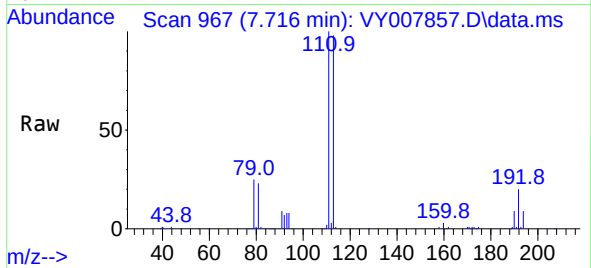
88 13.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.253 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

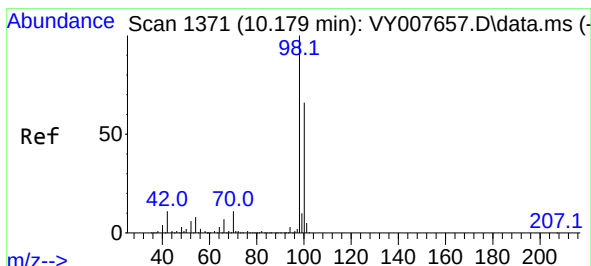
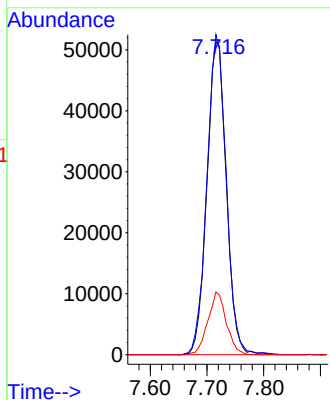
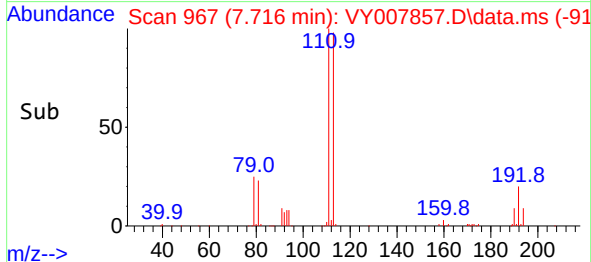
Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-4-5



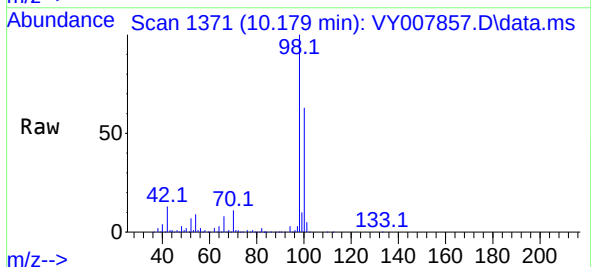
Tgt Ion:113 Resp: 121902
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.0 17.6 26.4

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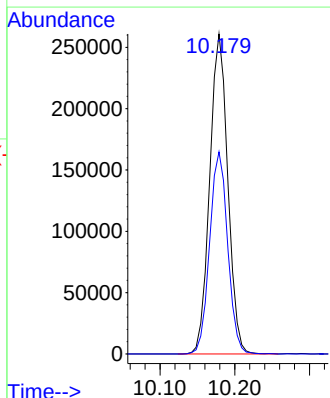
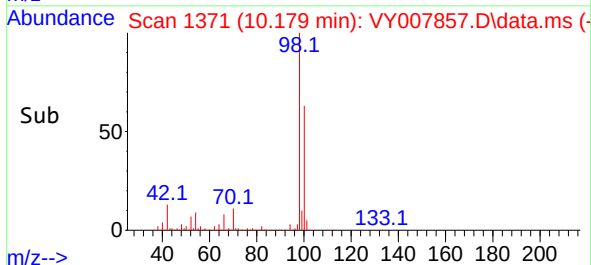
Reviewed By :John Carlone 03/14/2022
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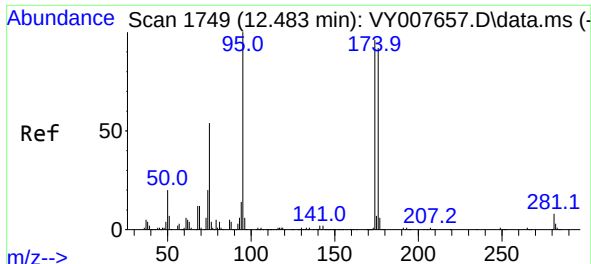


#50
Toluene-d8
Concen: 52.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13



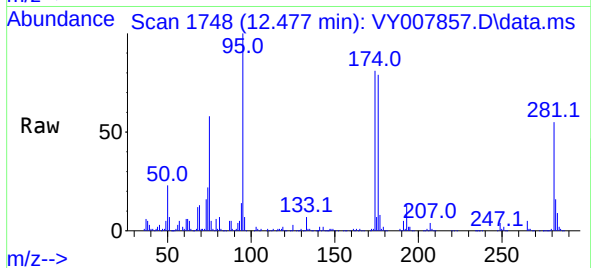
Tgt Ion: 98 Resp: 438030
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 49.820 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

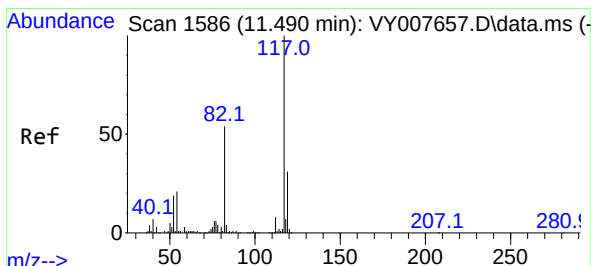
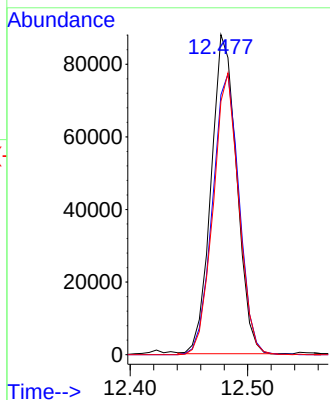
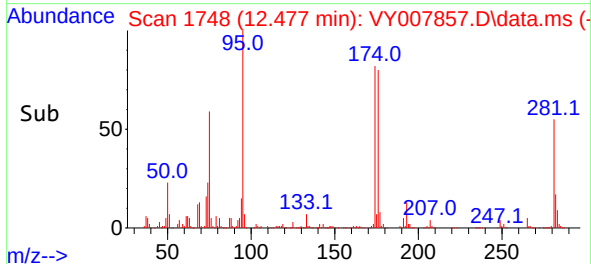
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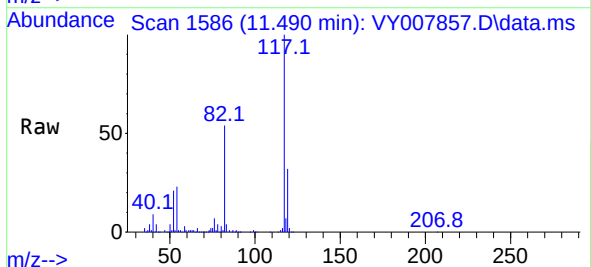
Tgt Ion: 95 Resp: 132824
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 88.0 0.0 175.8

Manual Integrations
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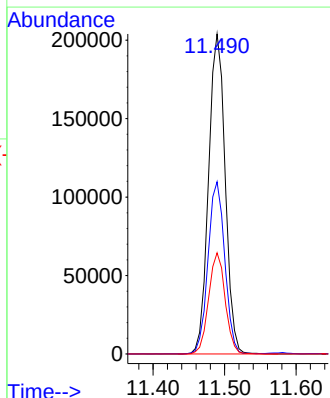
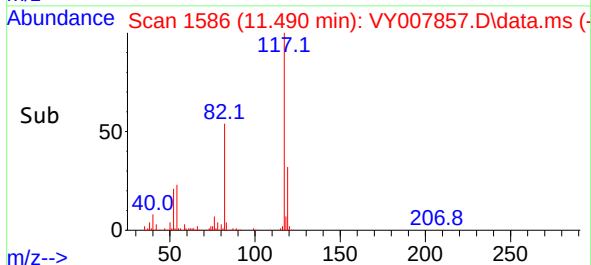
Reviewed By :John Carlone 03/14/2022
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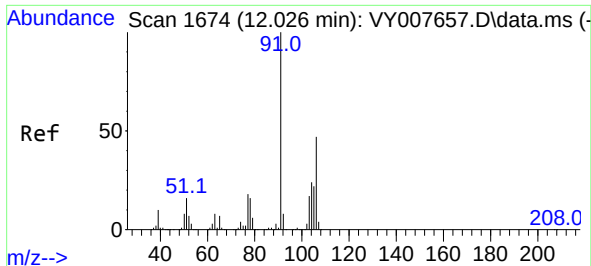


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13



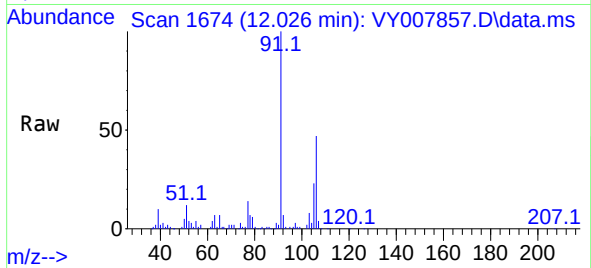
Tgt Ion:117 Resp: 329163
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.6 25.4 38.0





#69
o-Xylene
Concen: 7.726 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

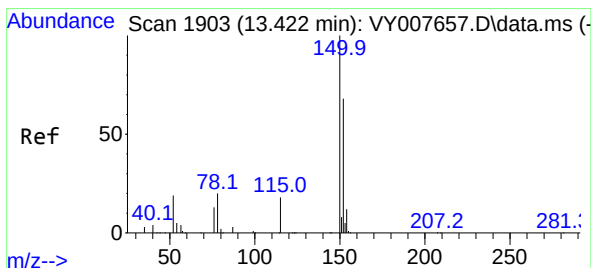
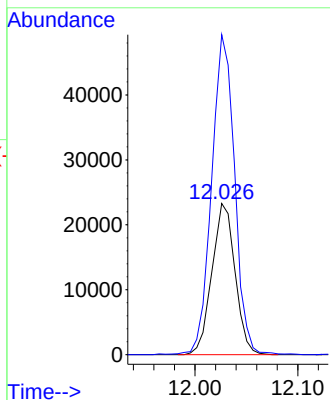
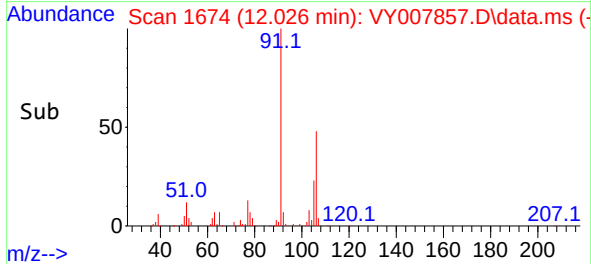
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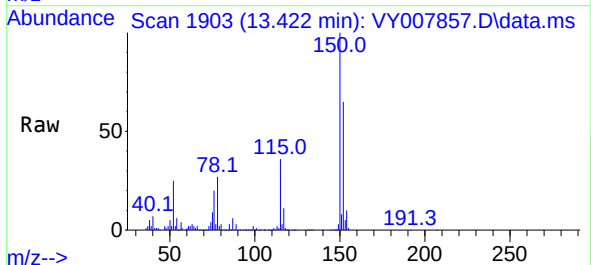
Tgt Ion:106 Resp: 3633
Ion Ratio Lower Upper
106 100
91 210.9 110.3 331.0

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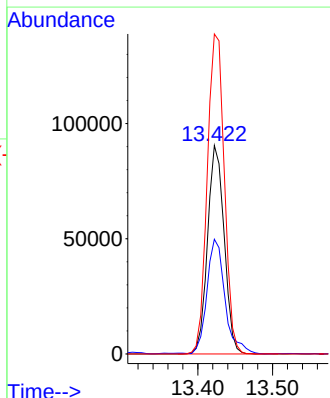
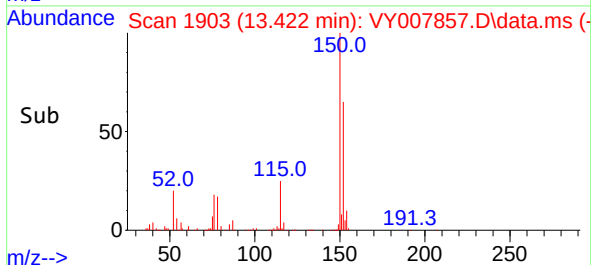
Reviewed By :John Carlone 03/14/2022
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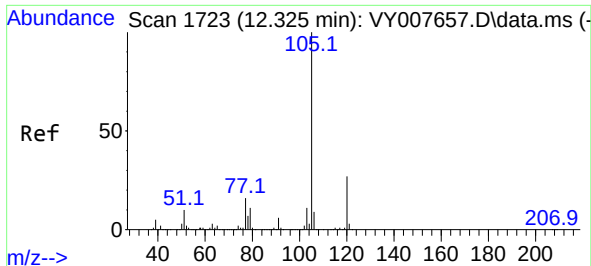


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13



Tgt Ion:152 Resp: 139581
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.9 0.0 347.6





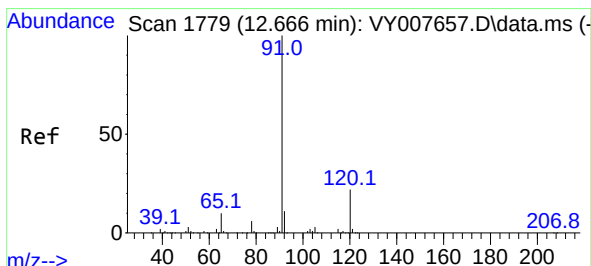
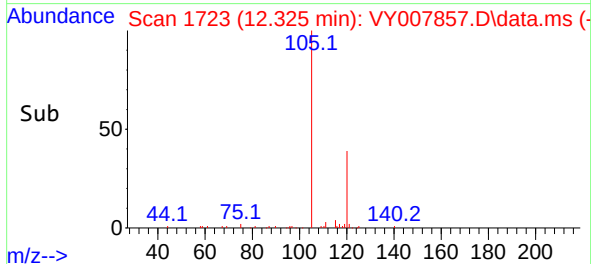
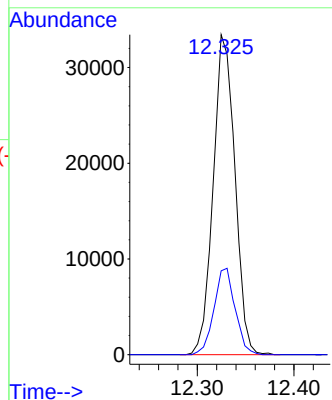
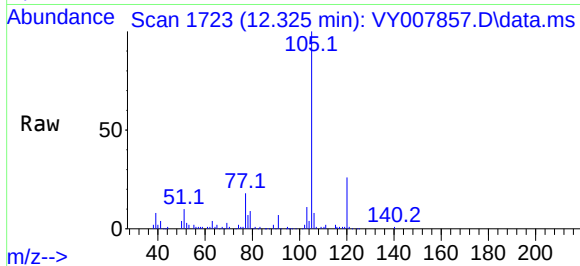
#73
Isopropylbenzene
Concen: 4.789 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

Instrument :
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CG-B2-030722-4-5

Tgt Ion:105 Resp: 52080
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

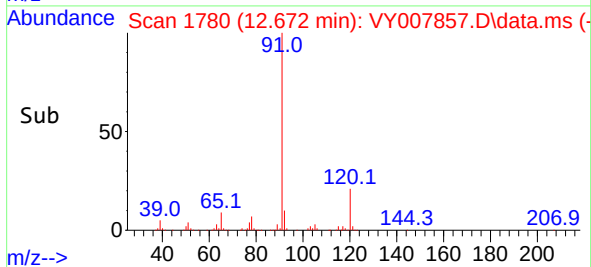
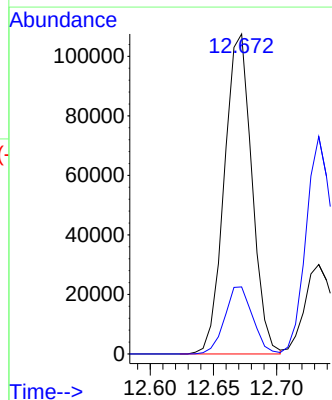
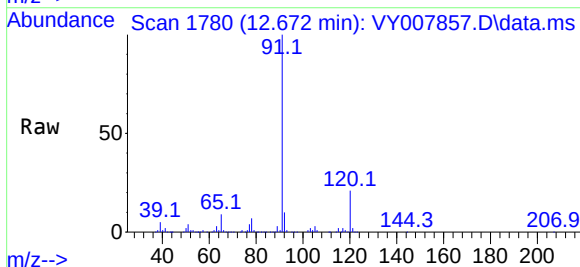
Manual Integrations
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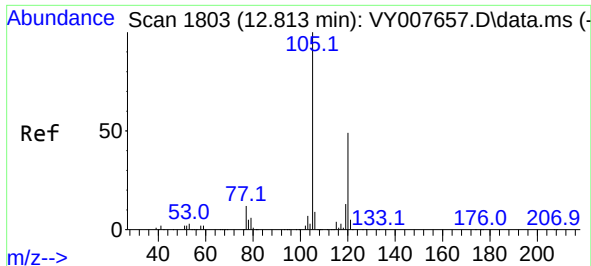
Reviewed By :John Carlone 03/14/2022
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#78
n-propylbenzene
Concen: 12.421 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

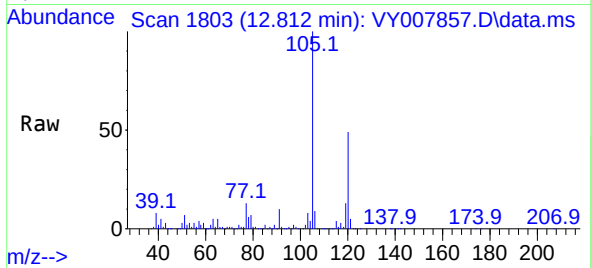
Tgt Ion: 91 Resp: 162989
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 28.367 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13

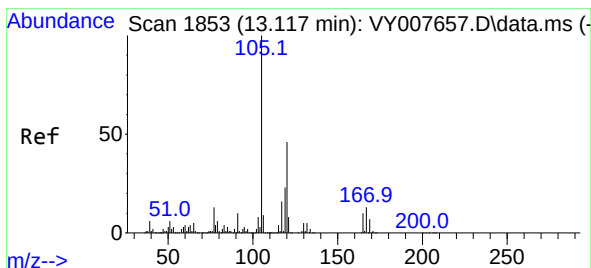
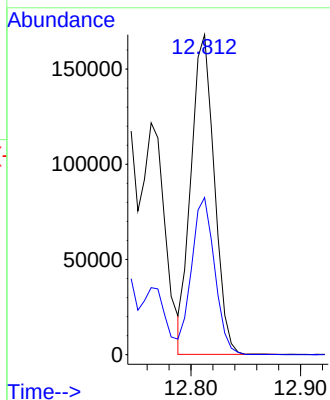
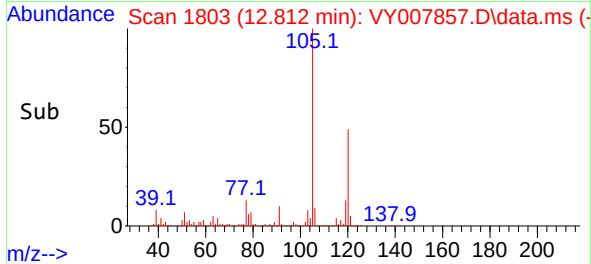
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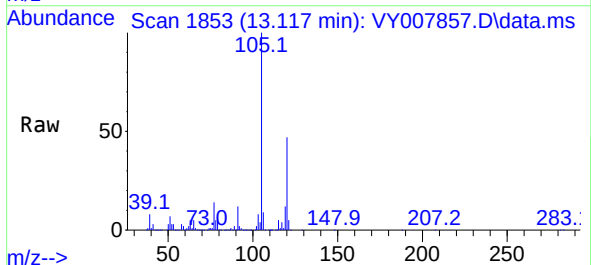
Tgt Ion:105 Resp: 246648
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4

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Supervised By :Mahesh Dadoda 03/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.127 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007857.D
Acq: 11 Mar 2022 16:13



Tgt Ion:105 Resp: 472144
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9

