

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012992.D
 Acq On : 17 Mar 2023 17:22
 Operator : KP/MD
 Sample : 01954-05
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP3-0316

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 05:47:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	80047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52816	66.455	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.920%			
35) Dibromofluoromethane	7.710	113	46949	57.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.360%			
50) Toluene-d8	10.179	98	167862	56.416	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.840%			
62) 4-Bromofluorobenzene	12.477	95	65186	64.908	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 129.820%			
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.593	91	8892	1.755	ug/l	94
68) m/p-Xylenes	11.697	106	46444	23.832	ug/l	95
69) o-Xylene	12.026	106	27033	14.863	ug/l	99
73) Isopropylbenzene	12.331	105	12397	2.597	ug/l	98
78) n-propylbenzene	12.672	91	35926	6.104	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	224856	57.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	434244	112.716	ug/l	100
85) sec-Butylbenzene	13.251	105	17643	3.401	ug/l #	65
86) p-Isopropyltoluene	13.367	119	19701	4.647	ug/l	99
89) n-Butylbenzene	13.696	91	18551m	4.570	ug/l	

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

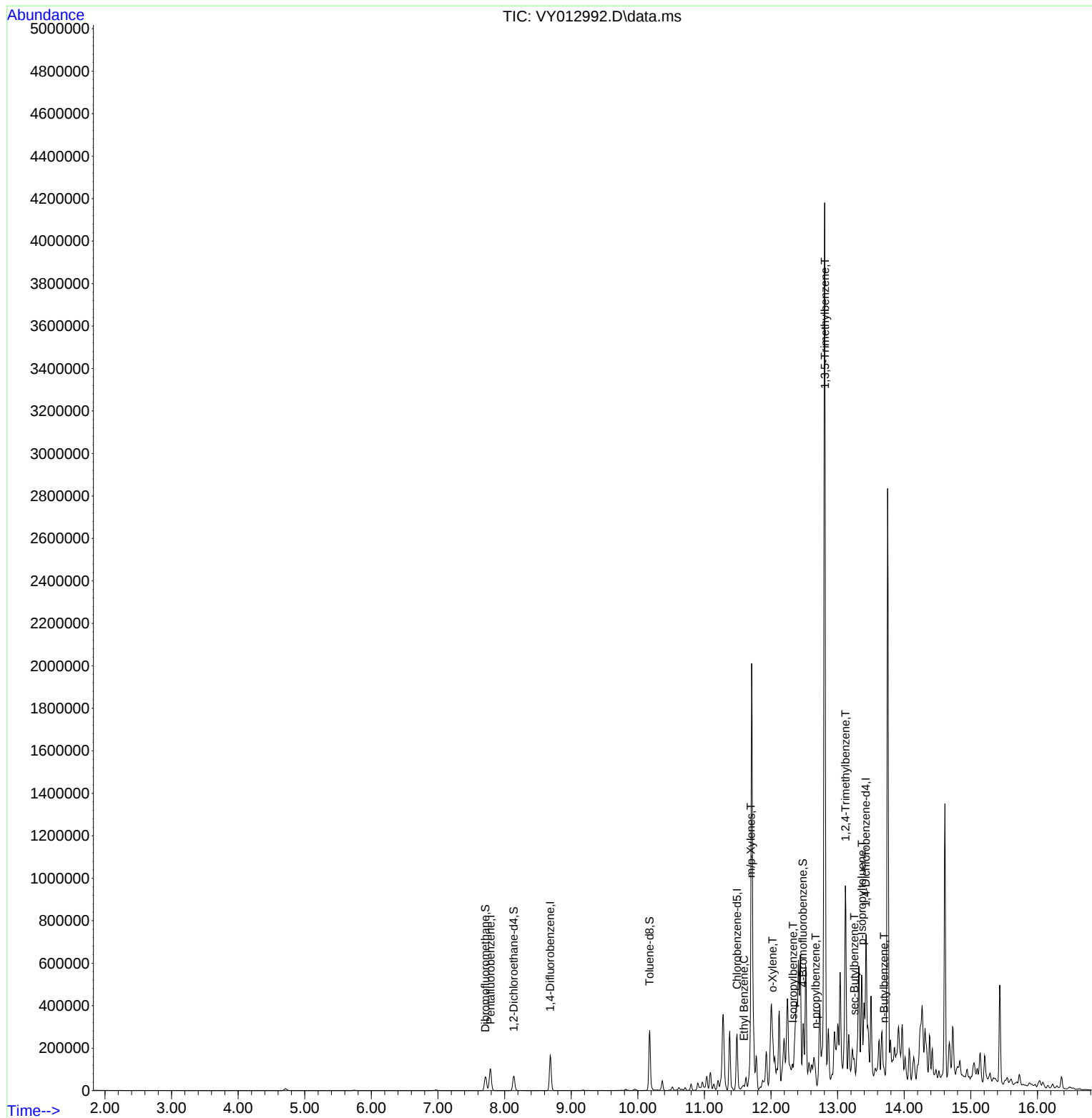
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
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Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

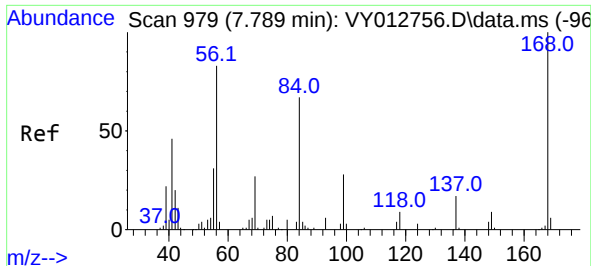
Instrument :
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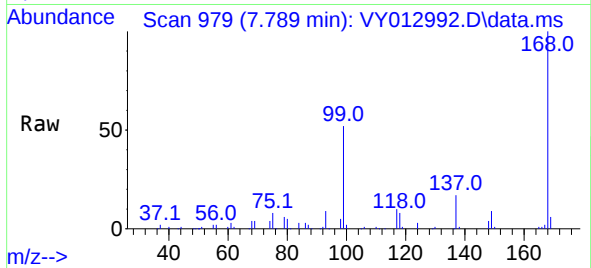
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

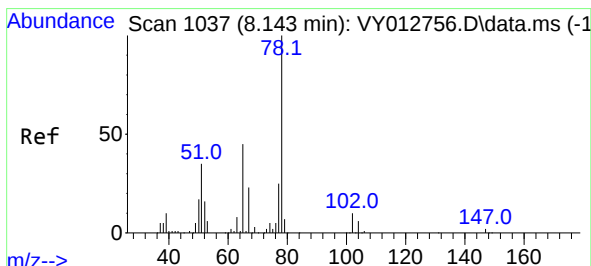
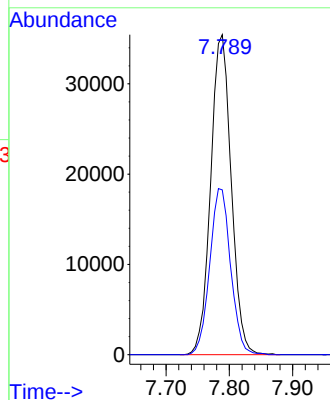
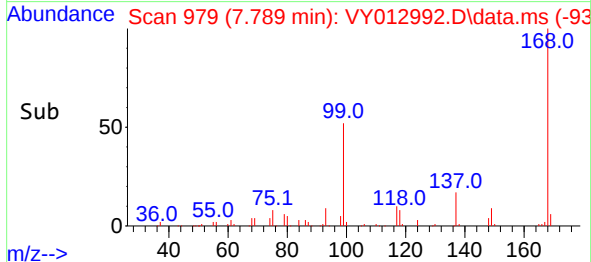
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316



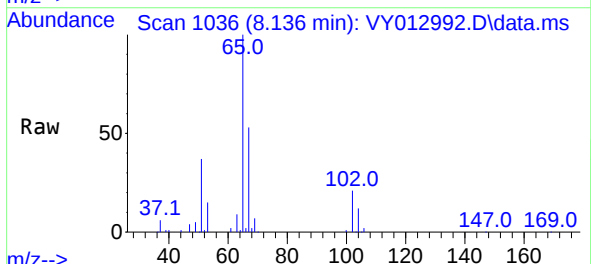
Tgt Ion:168 Resp: 8004
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5

Manual Integrations
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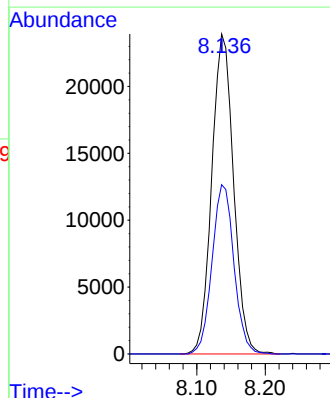
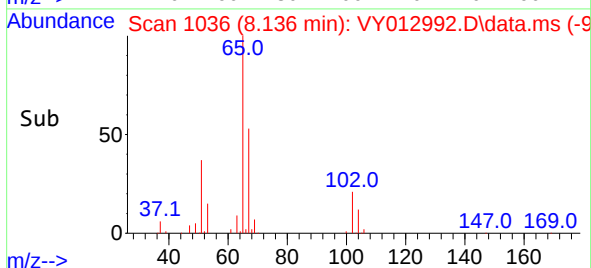
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

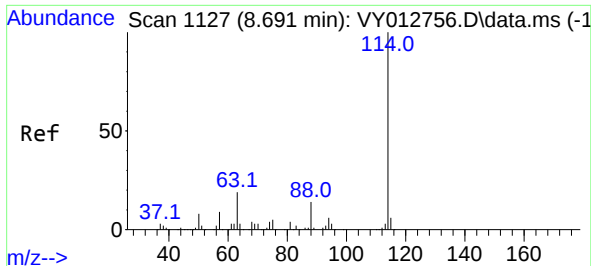


#33
1,2-Dichloroethane-d4
Concen: 66.455 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22



Tgt Ion: 65 Resp: 52816
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012992.D

Acq: 17 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SV-TP3-0316

Tgt Ion:114 Resp: 13486

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

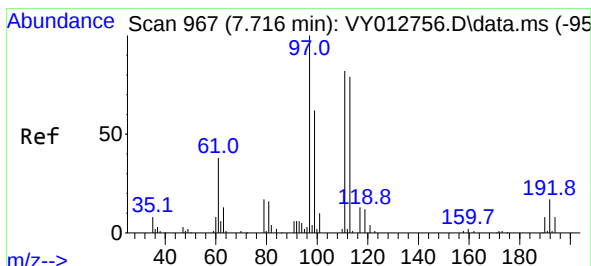
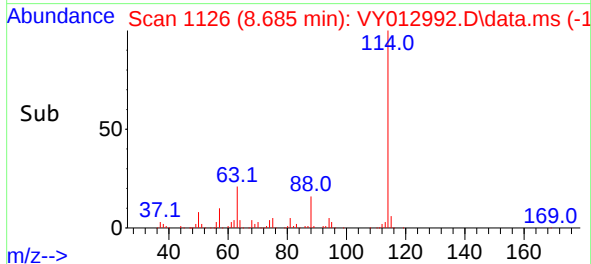
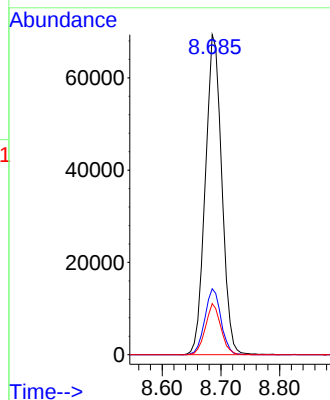
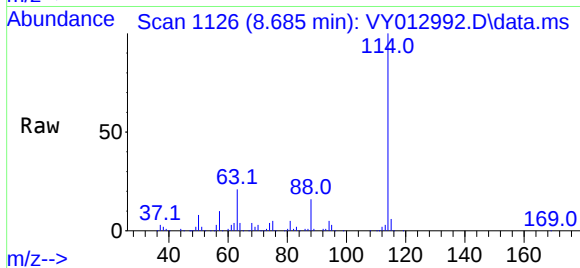
88 16.0 0.0 28.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 57.684 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012992.D

Acq: 17 Mar 2023 17:22

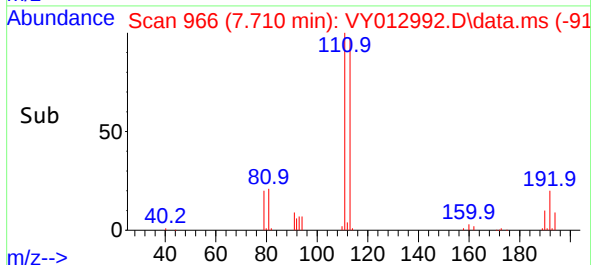
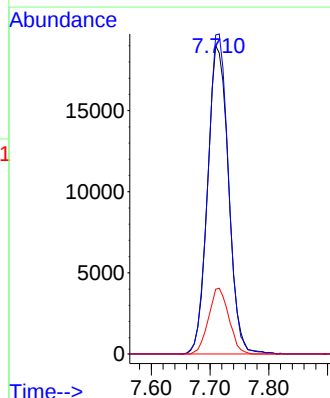
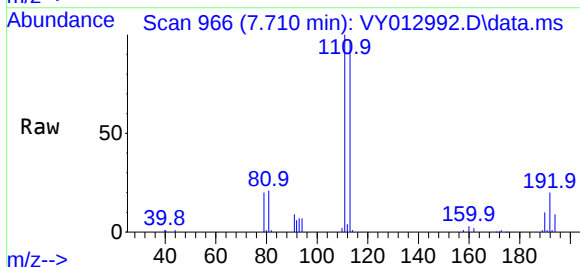
Tgt Ion:113 Resp: 46949

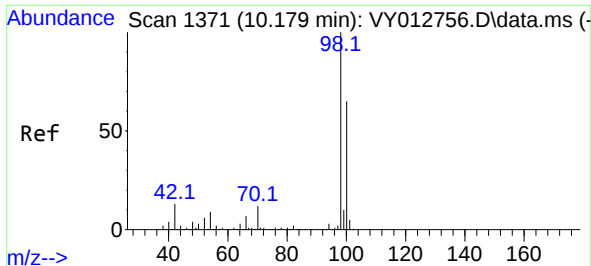
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

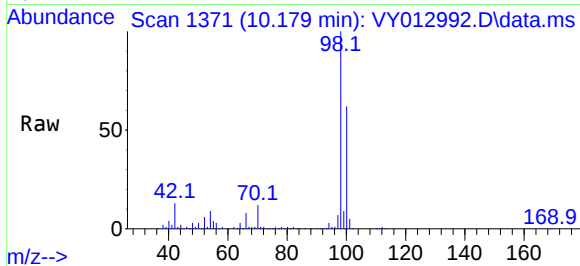
192 20.7 16.8 25.2





#50
Toluene-d8
Concen: 56.416 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

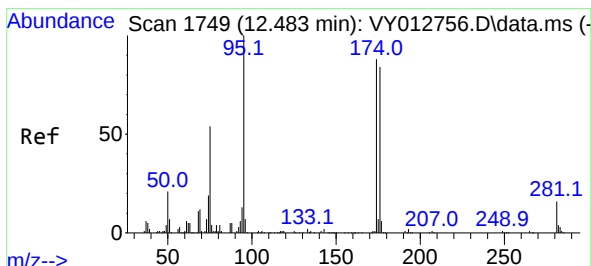
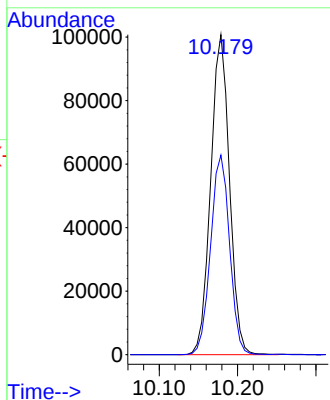
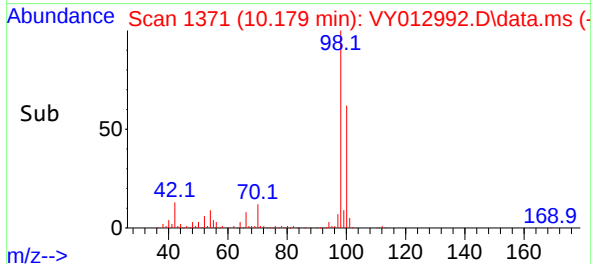
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316



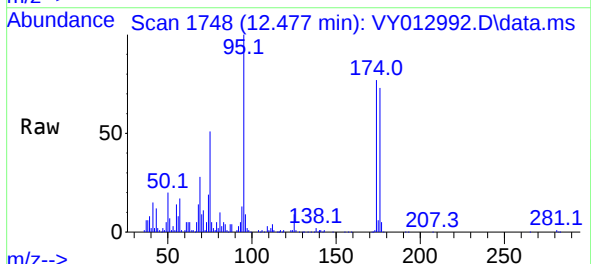
Tgt Ion: 98 Resp: 167862
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

Manual Integrations
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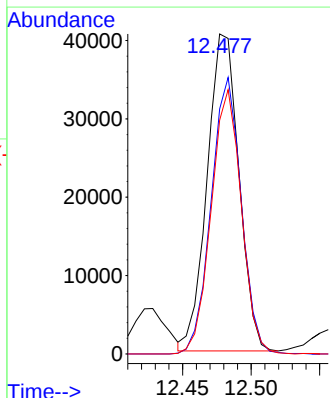
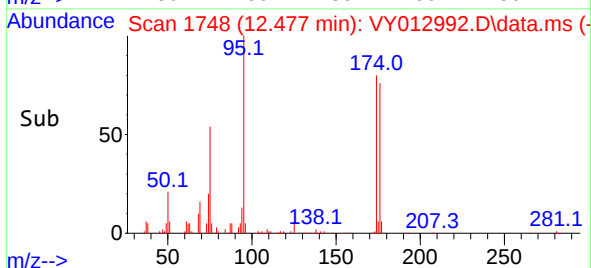
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

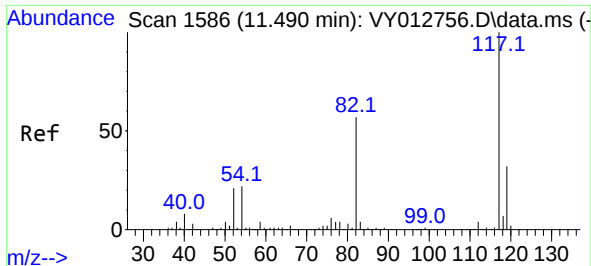


#62
4-Bromofluorobenzene
Concen: 64.908 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22



Tgt Ion: 95 Resp: 65186
Ion Ratio Lower Upper
95 100
174 82.8 0.0 176.6
176 79.2 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SV-TP3-0316

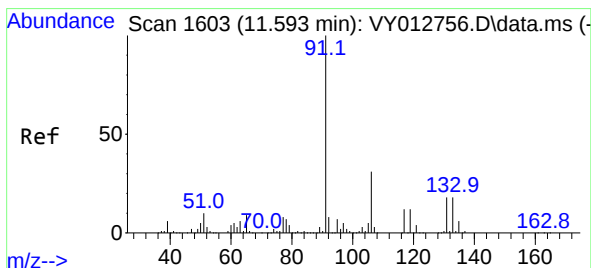
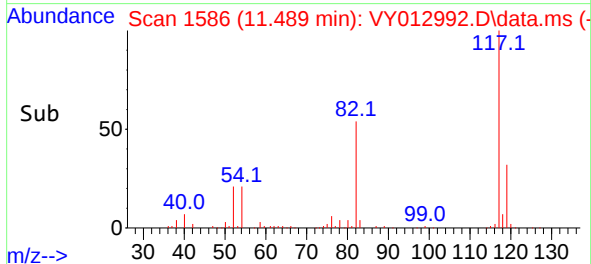
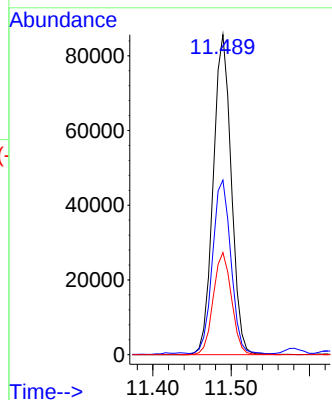
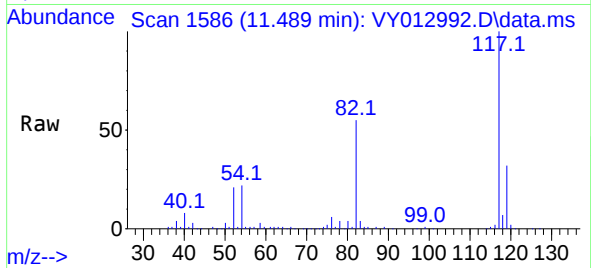
Tgt Ion:117 Resp: 13728
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 31.9 25.6 38.4

Manual Integrations

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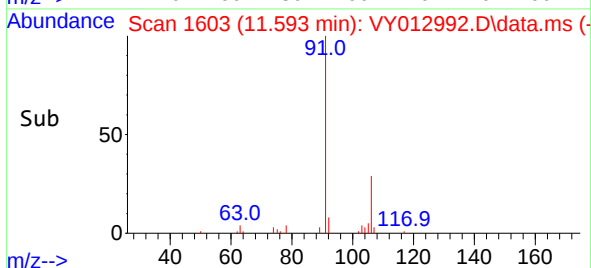
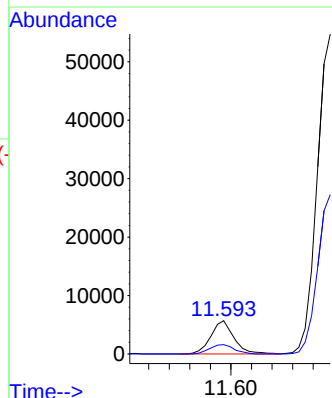
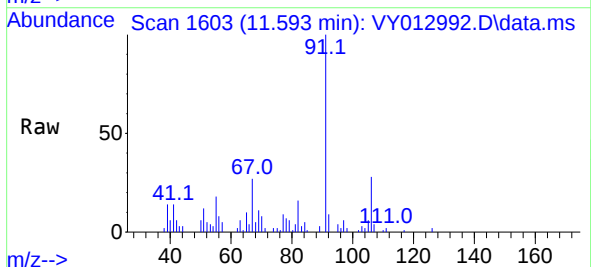
Reviewed By :Krupa Patel 03/20/2023

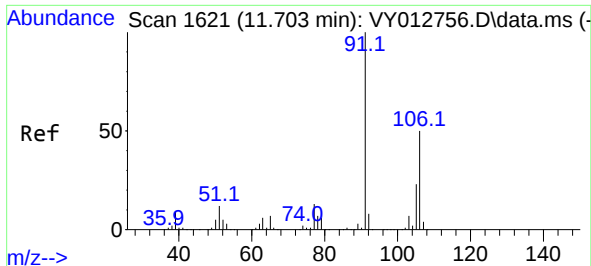
Supervised By :Mahesh Dadoda 03/20/2023



#67
Ethyl Benzene
Concen: 1.755 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Tgt Ion: 91 Resp: 8892
Ion Ratio Lower Upper
91 100
106 27.9 25.1 37.7





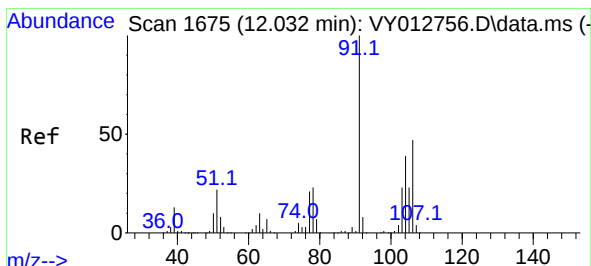
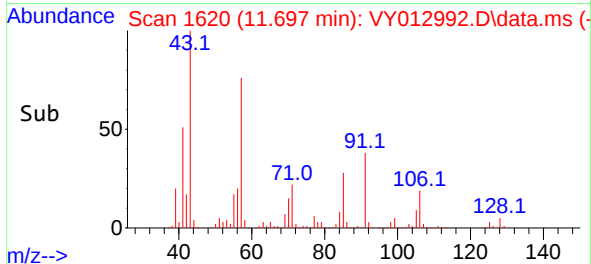
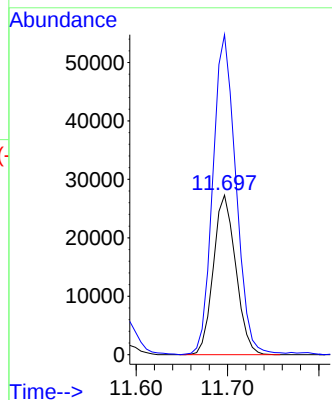
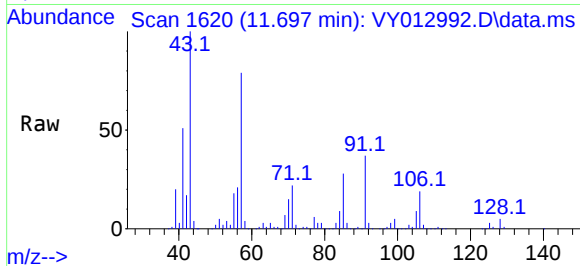
#68
m/p-Xylenes
Concen: 23.832 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

Tgt Ion:106 Resp: 4644
Ion Ratio Lower Upper
106 100
91 206.7 159.8 239.8

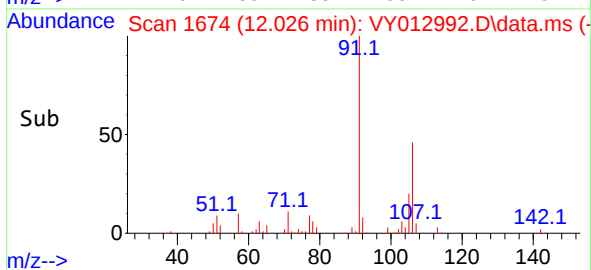
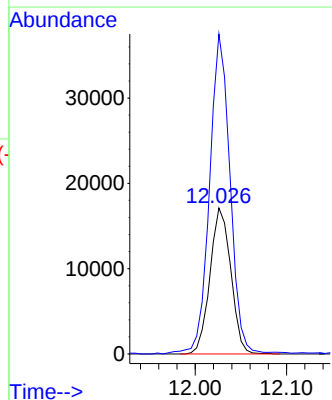
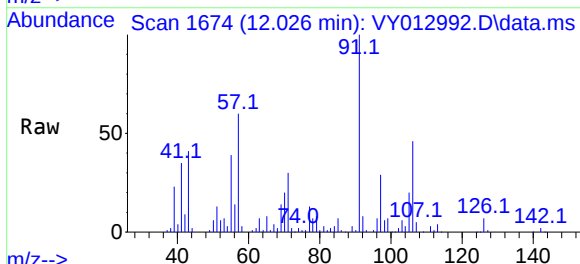
Manual Integrations
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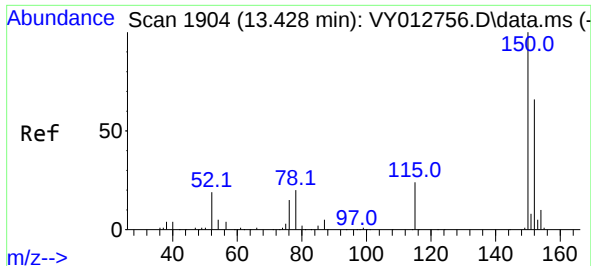
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#69
o-Xylene
Concen: 14.863 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

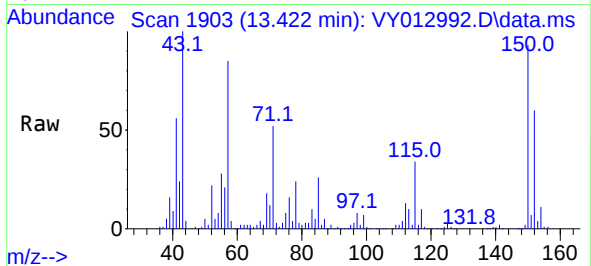
Tgt Ion:106 Resp: 27033
Ion Ratio Lower Upper
106 100
91 216.1 107.2 321.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

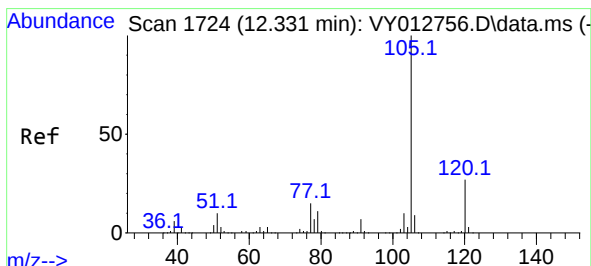
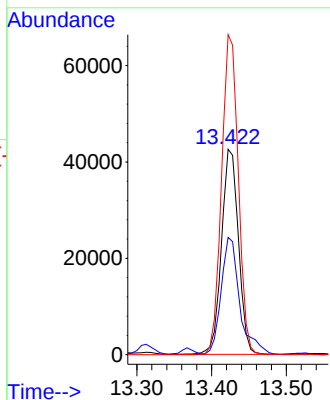
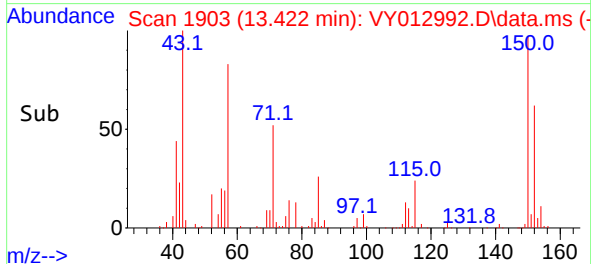
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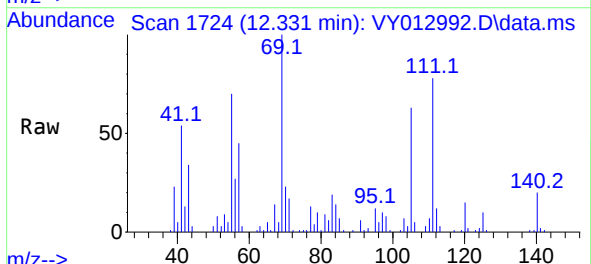
Tgt Ion:152 Resp: 67362
Ion Ratio Lower Upper
152 100
115 62.6 27.1 81.3
150 154.0 0.0 347.8

Manual Integrations
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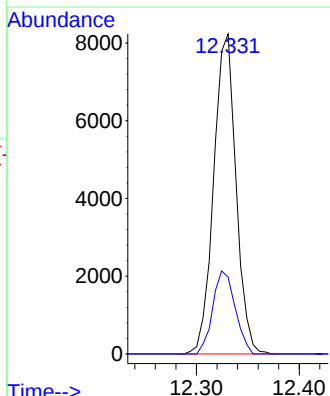
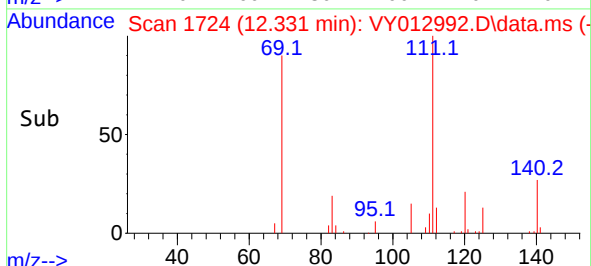
Reviewed By :Krupa Patel 03/20/2023
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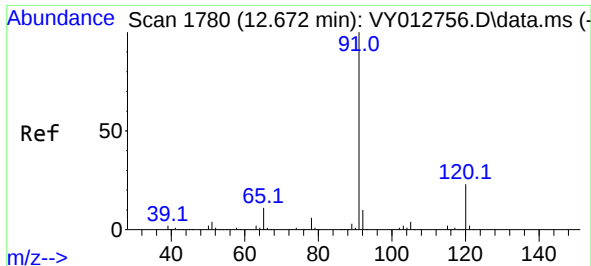


#73
Isopropylbenzene
Concen: 2.597 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22



Tgt Ion:105 Resp: 12397
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2





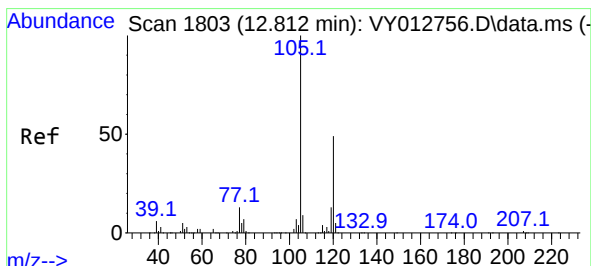
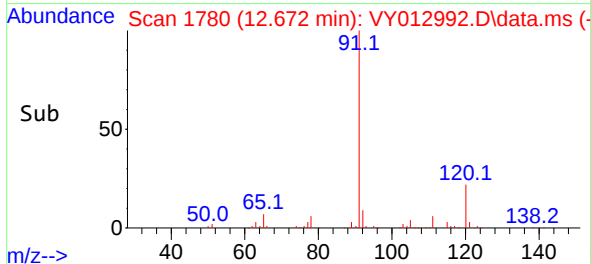
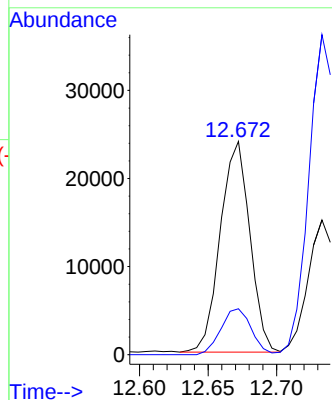
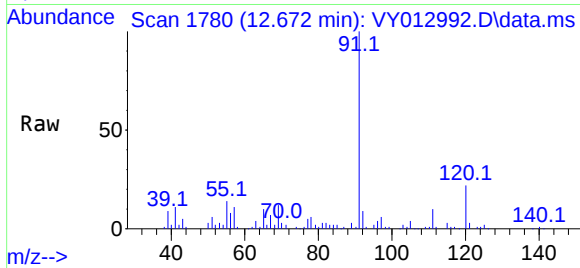
#78
n-propylbenzene
Concen: 6.104 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

Tgt Ion: 91 Resp: 35920
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

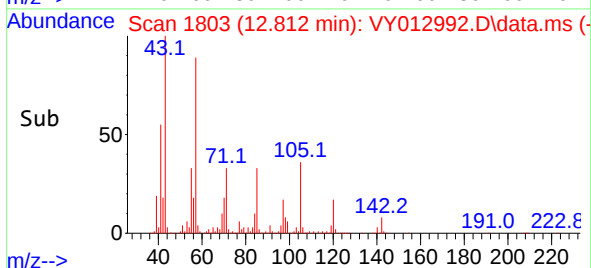
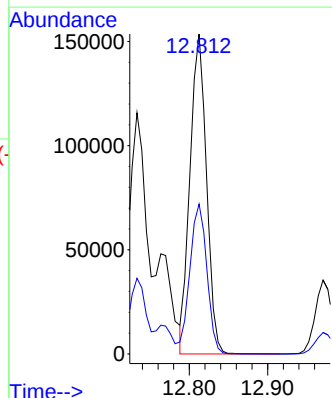
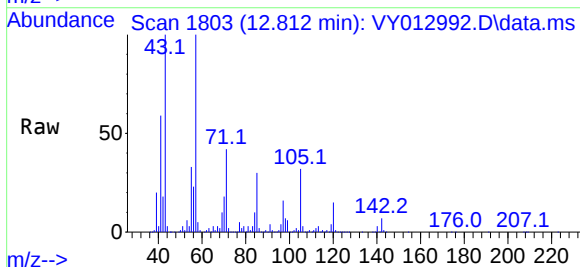
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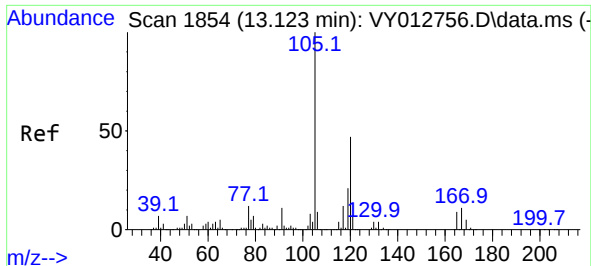
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.073 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Tgt Ion:105 Resp: 224856
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4





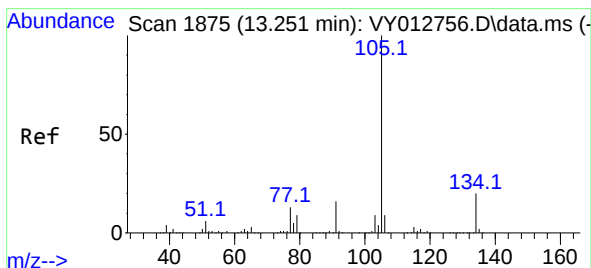
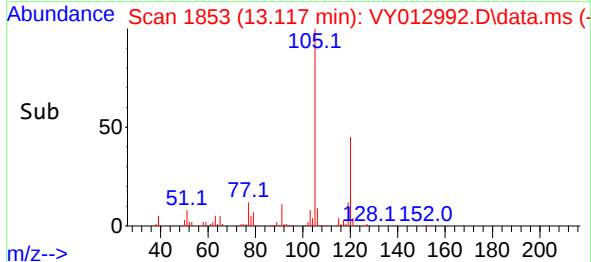
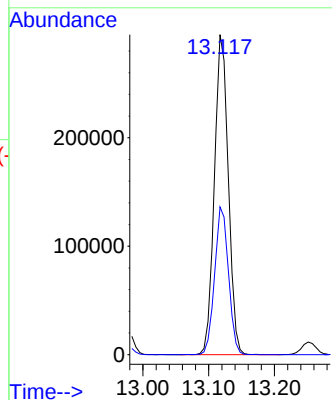
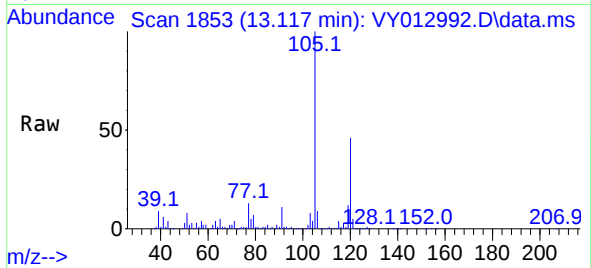
#84
1,2,4-Trimethylbenzene
Concen: 112.716 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

Tgt Ion:105 Resp: 434244
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0

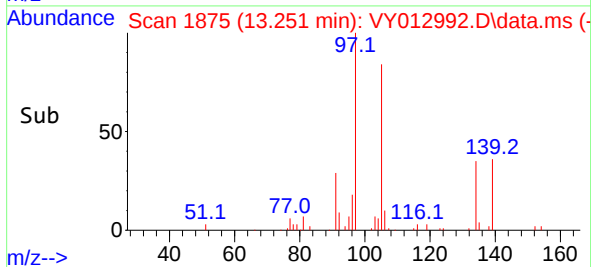
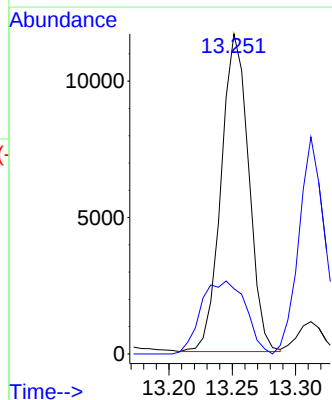
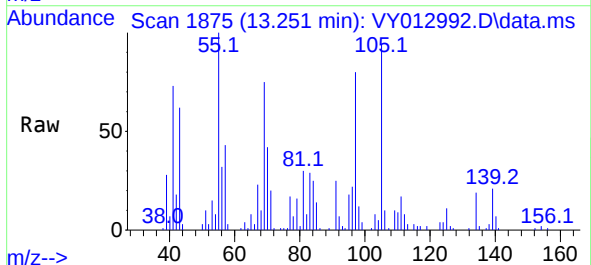
Manual Integrations
APPROVED

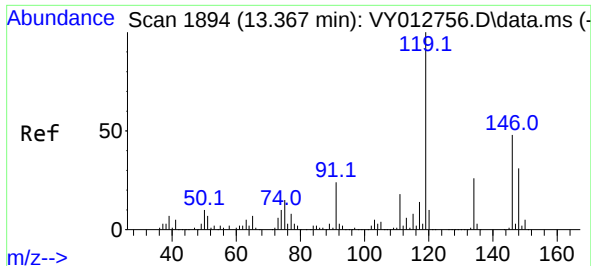
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#85
sec-Butylbenzene
Concen: 3.401 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

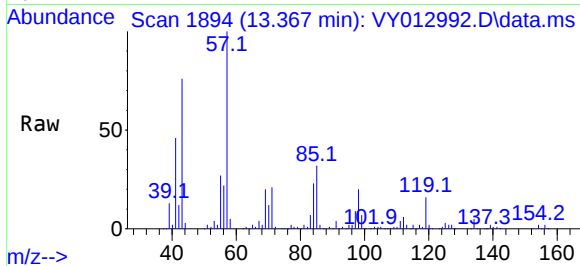
Tgt Ion:105 Resp: 17643
Ion Ratio Lower Upper
105 100
134 37.1 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 4.647 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22

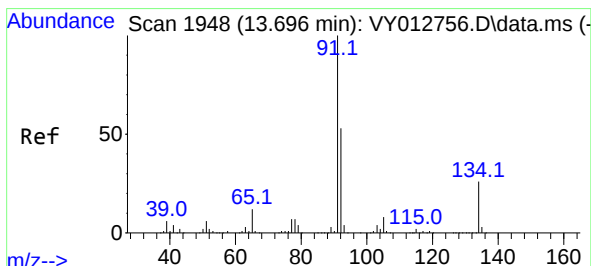
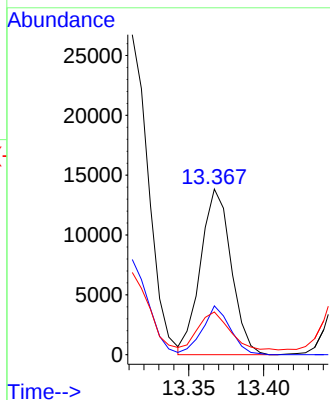
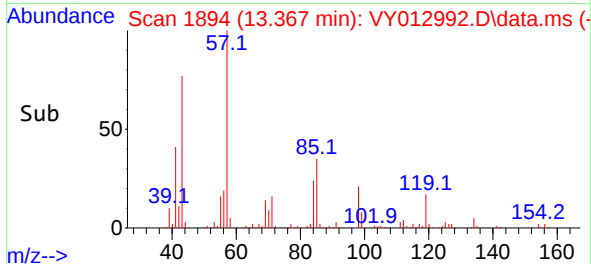
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316



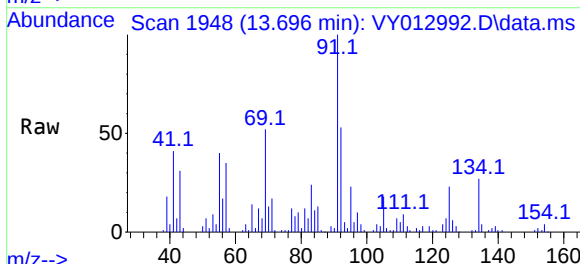
Tgt Ion: 119 Resp: 1970
Ion Ratio Lower Upper
119 100
134 26.8 13.2 39.6
91 23.2 11.8 35.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#89
n-Butylbenzene
Concen: 4.570 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012992.D
Acq: 17 Mar 2023 17:22



Tgt Ion: 91 Resp: 18551
Ion Ratio Lower Upper
91 100
92 0.0 26.4 79.0#
134 0.0 13.0 38.9#

