

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008157.D
 Acq On : 01 Apr 2022 13:43
 Operator : SY/MD
 Sample : N2061-02
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-1-20220321-19.0-20.0

Quant Time: Apr 02 03:56:17 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70688	55.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.340%			
35) Dibromofluoromethane	7.716	113	71114	49.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.480%			
50) Toluene-d8	10.179	98	276040	50.736	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.483	95	97317	50.700	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.400%			
Target Compounds						Qvalue
16) Acetone	3.942	43	10403	35.519	ug/l	92
17) Carbon Disulfide	4.198	76	41943	10.924	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	10141	2.633	ug/l	97
40) Benzene	8.161	78	1329775	204.937	ug/l	97
52) Toluene	10.246	92	24941	5.861	ug/l	99
65) Chlorobenzene	11.514	112	20146	4.200	ug/l	98
67) Ethyl Benzene	11.593	91	847995	100.869	ug/l	97
68) m/p-Xylenes	11.703	106	79694	23.840	ug/l	93
69) o-Xylene	12.032	106	160605	50.178	ug/l	92
73) Isopropylbenzene	12.331	105	71927	9.103	ug/l	98
78) n-propylbenzene	12.672	91	38738	4.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	77127	11.916	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	204395	32.427	ug/l	97
86) p-Isopropyltoluene	13.367	119	24370	3.440	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	8363m	2.327	ug/l	
88) 1,4-Dichlorobenzene	13.447	146	18411	5.137	ug/l	93

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

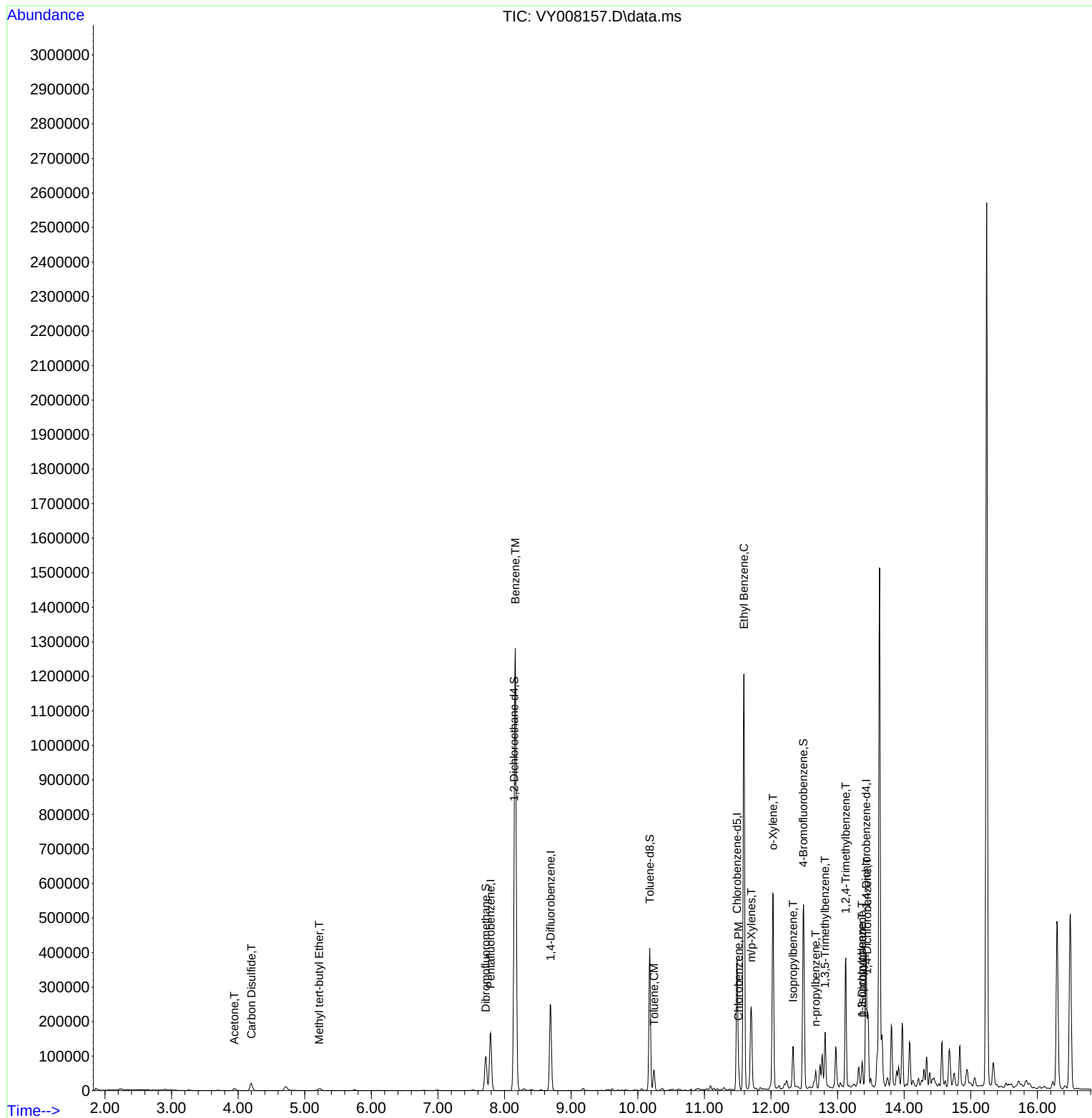
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
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Operator : SY/MD
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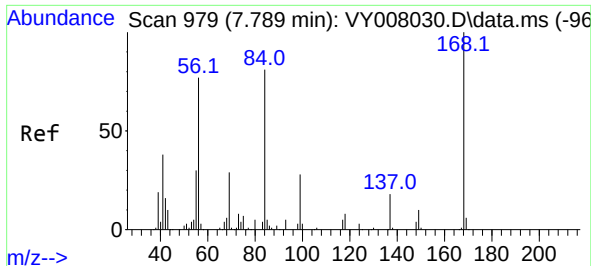
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Time: Apr 02 03:56:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
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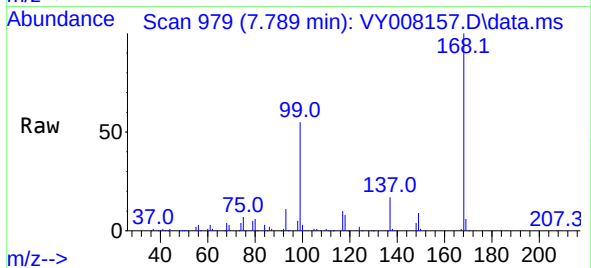
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

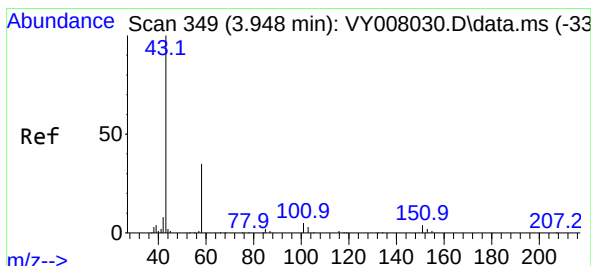
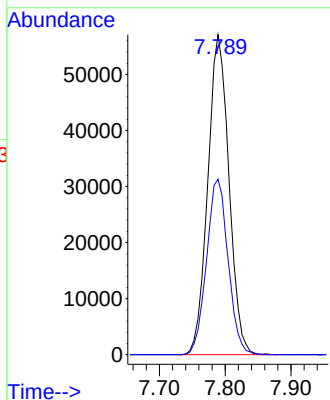
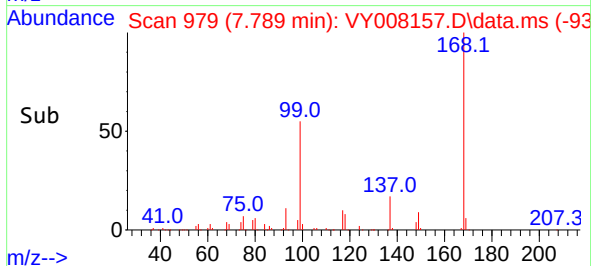
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



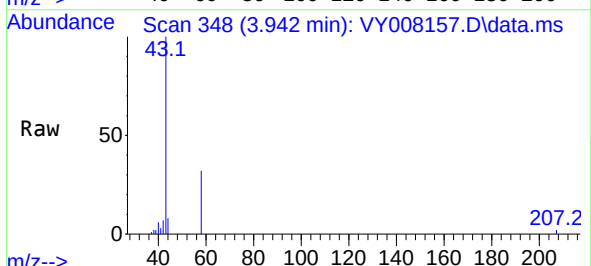
Tgt Ion:168 Resp: 127710
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3

Manual Integrations
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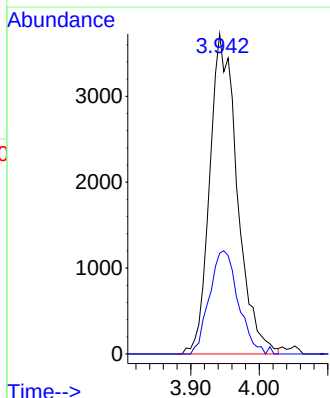
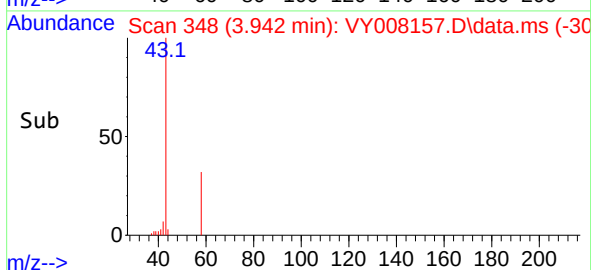
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

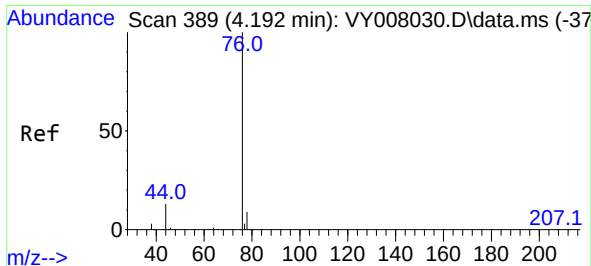


#16
Acetone
Concen: 35.519 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



Tgt Ion: 43 Resp: 10403
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





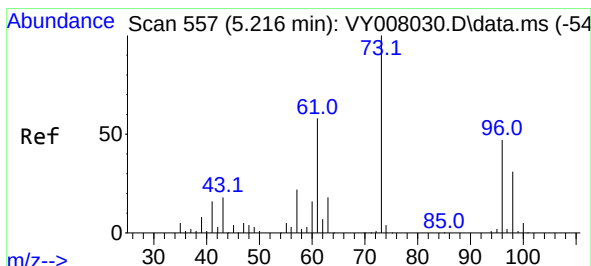
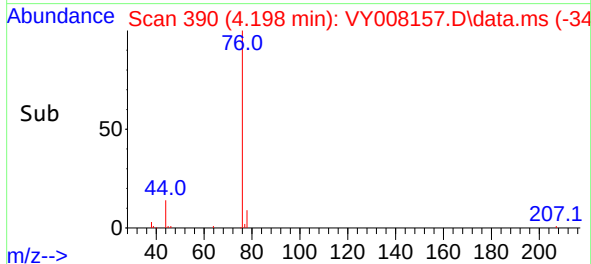
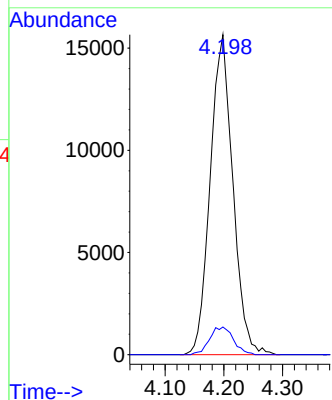
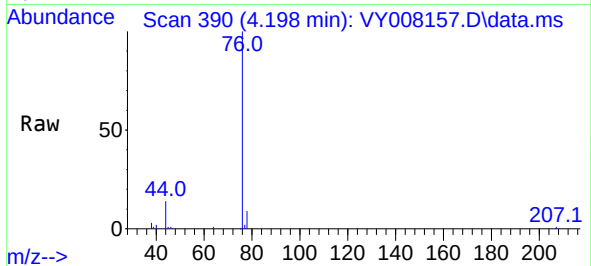
#17
Carbon Disulfide
Concen: 10.924 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Tgt Ion: 76 Resp: 4194
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

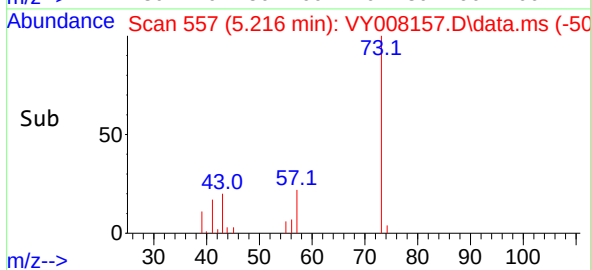
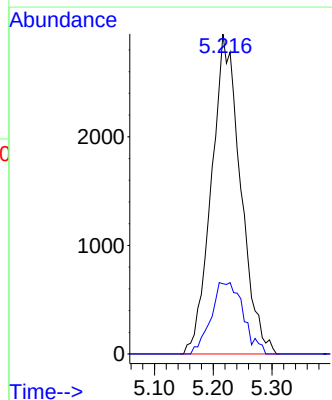
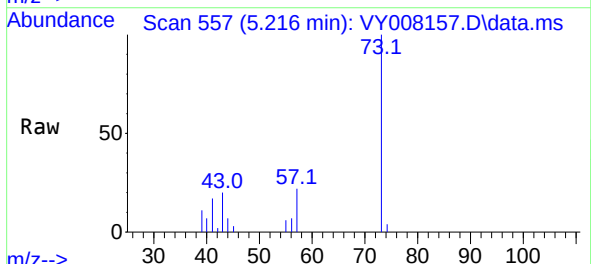
Manual Integrations
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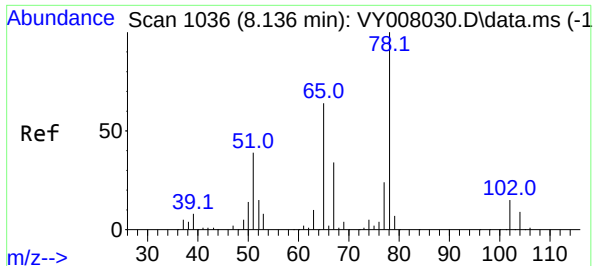
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#19
Methyl tert-butyl Ether
Concen: 2.633 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

Tgt Ion: 73 Resp: 10141
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 55.166 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008157.D

Acq: 01 Apr 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-19.0-20.0

Tgt Ion: 65 Resp: 7068

Ion Ratio Lower Upper

65 100

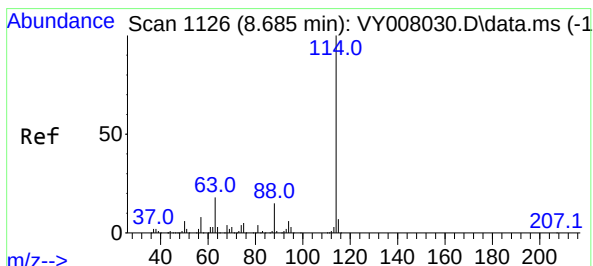
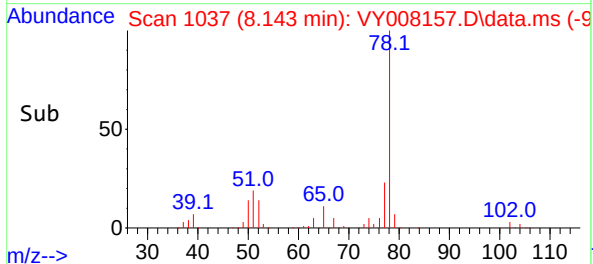
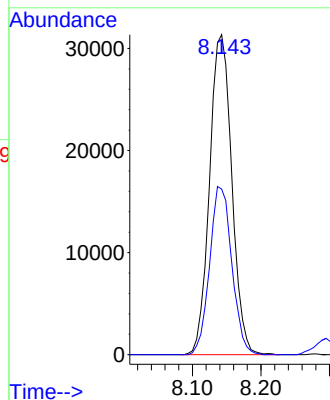
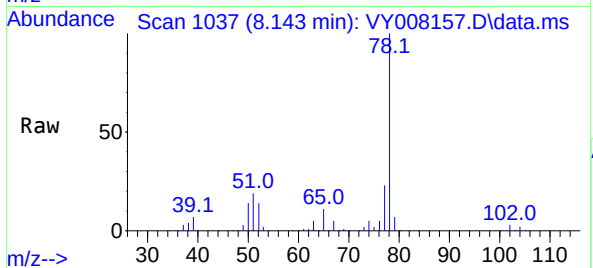
67 52.4 0.0 99.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008157.D

Acq: 01 Apr 2022 13:43

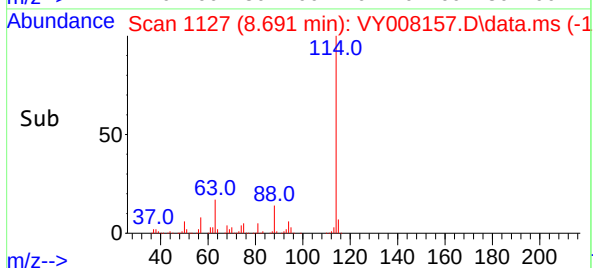
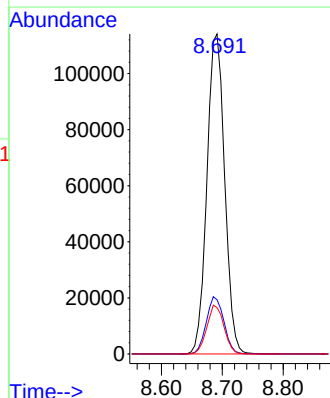
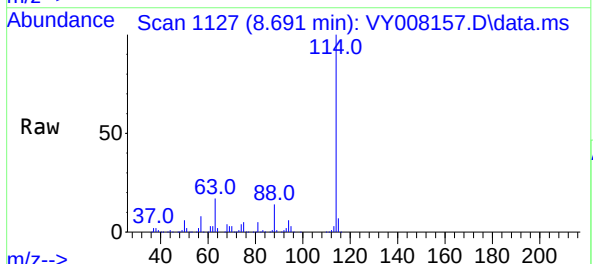
Tgt Ion:114 Resp: 230329

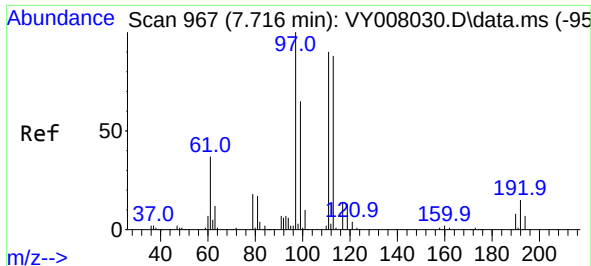
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

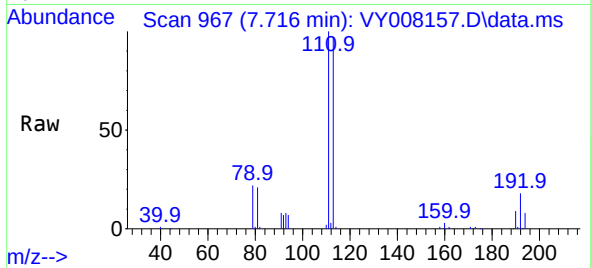
88 14.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

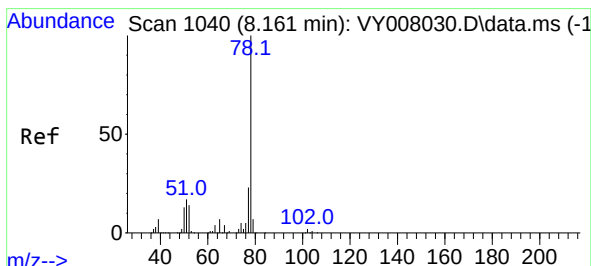
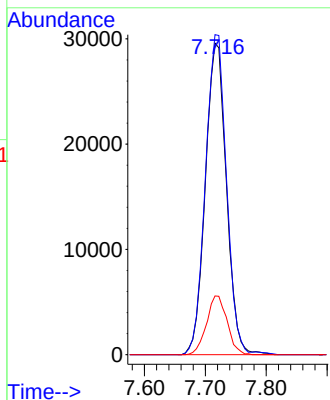
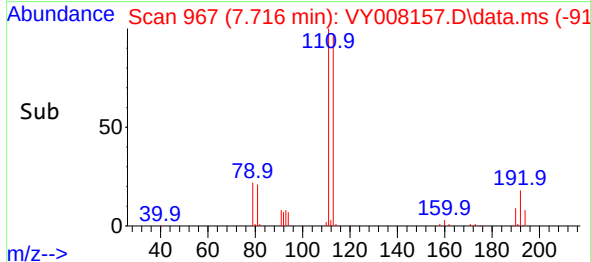
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



Tgt Ion:113 Resp: 71114
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.4 17.6 26.4

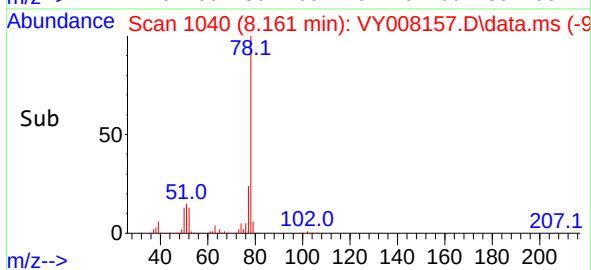
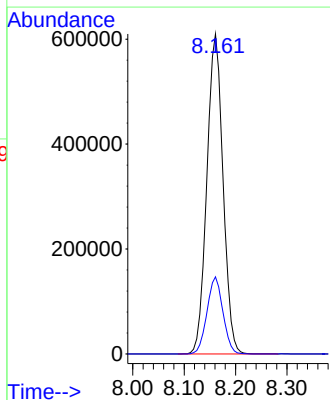
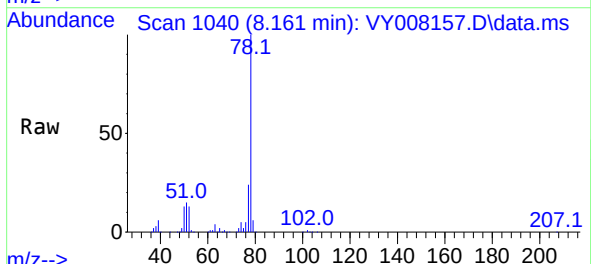
Manual Integrations
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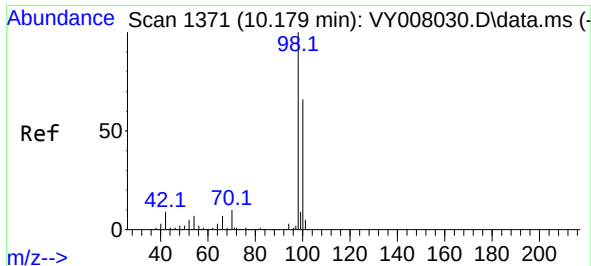
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#40
Benzene
Concen: 204.937 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

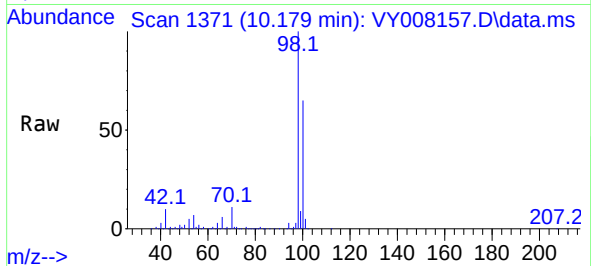
Tgt Ion: 78 Resp: 1329775
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6





#50
Toluene-d8
Concen: 50.736 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

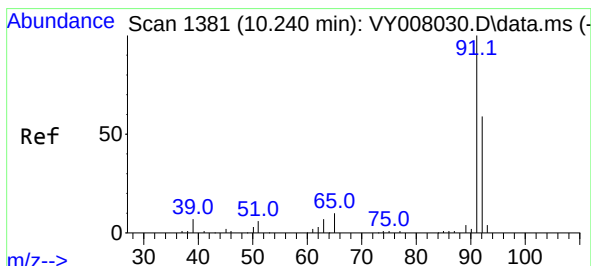
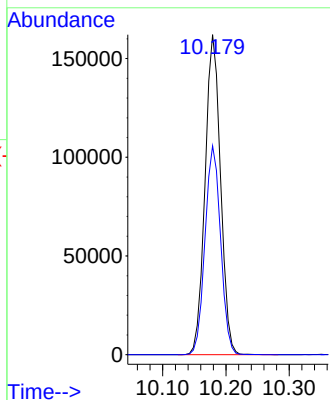
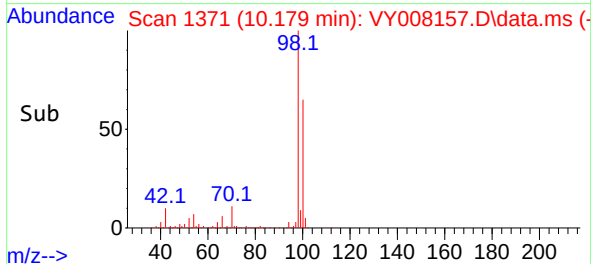
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



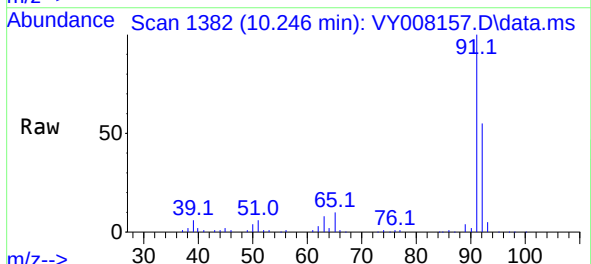
Tgt Ion: 98 Resp: 276040
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

Manual Integrations
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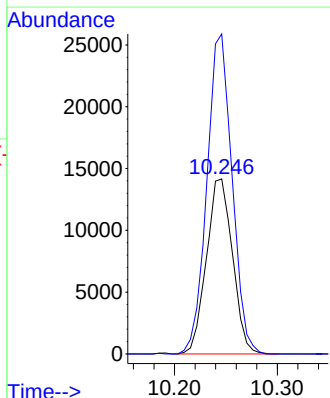
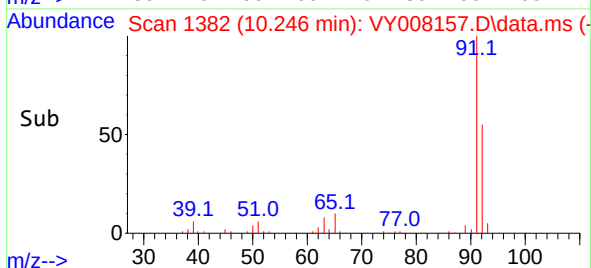
Reviewed By :John Carlone 04/02/2022
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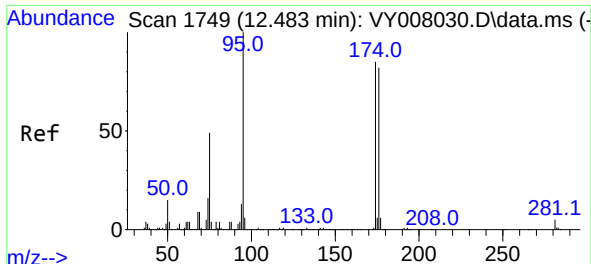


#52
Toluene
Concen: 5.861 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



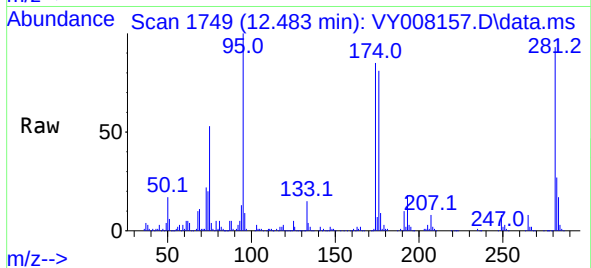
Tgt Ion: 92 Resp: 24941
Ion Ratio Lower Upper
92 100
91 176.7 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 50.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

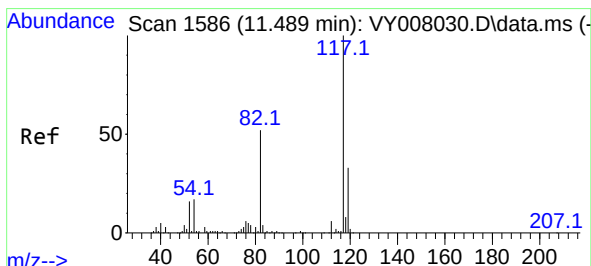
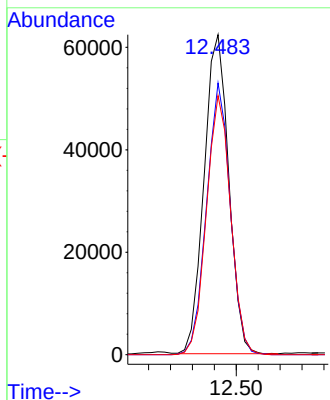
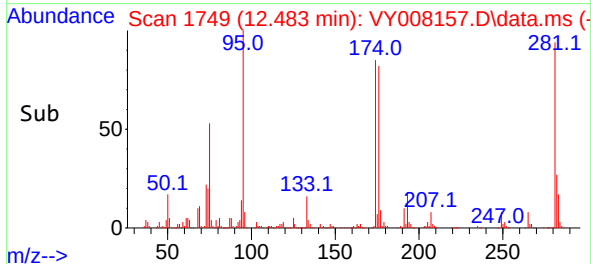
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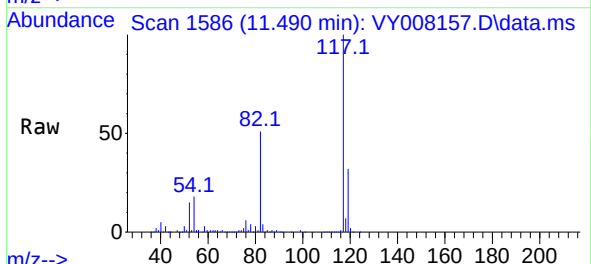
Tgt Ion: 95 Resp: 9731
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 79.6 0.0 175.8

Manual Integrations
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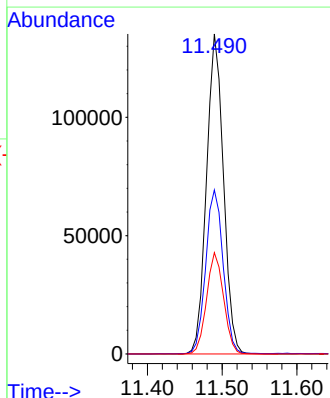
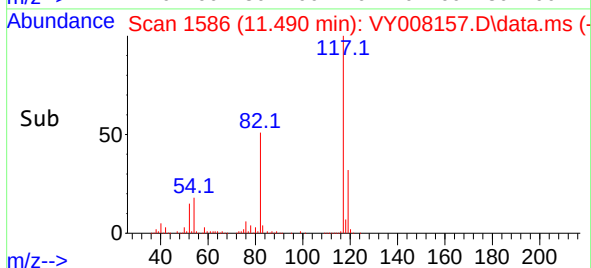
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

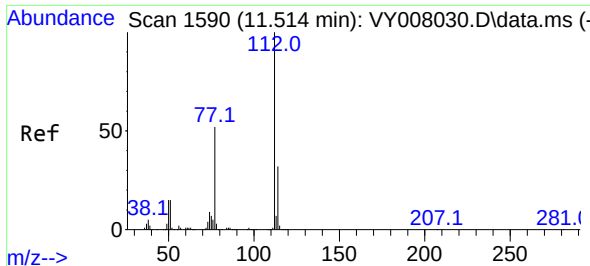


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



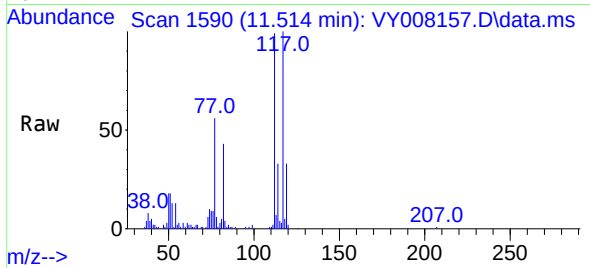
Tgt Ion:117 Resp: 212728
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.6 25.4 38.0





#65
Chlorobenzene
Concen: 4.200 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

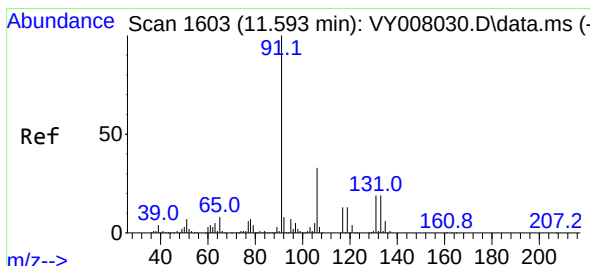
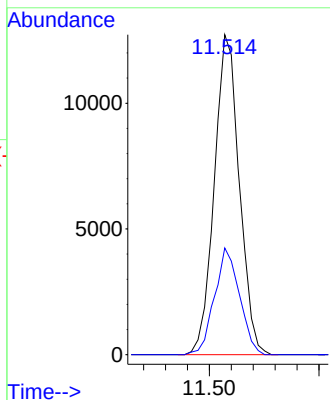
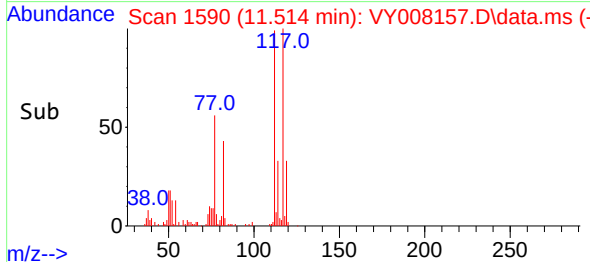
Instrument :
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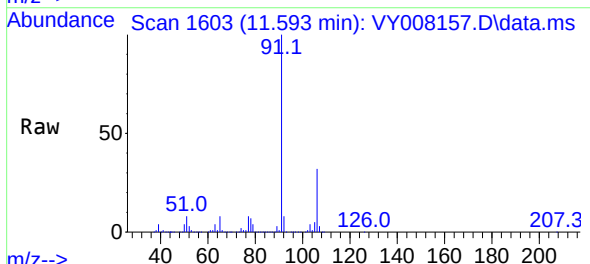
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Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6

Manual Integrations
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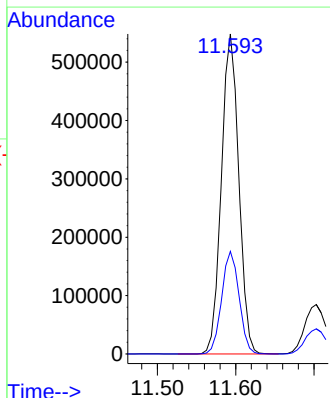
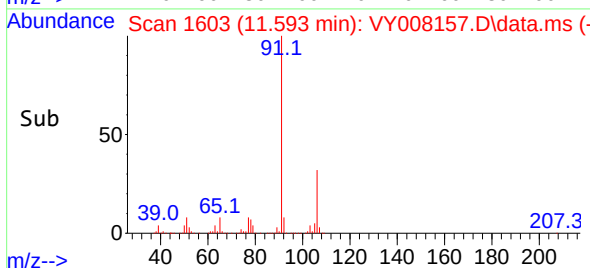
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

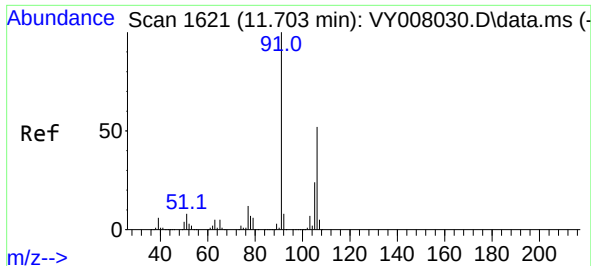


#67
Ethyl Benzene
Concen: 100.869 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



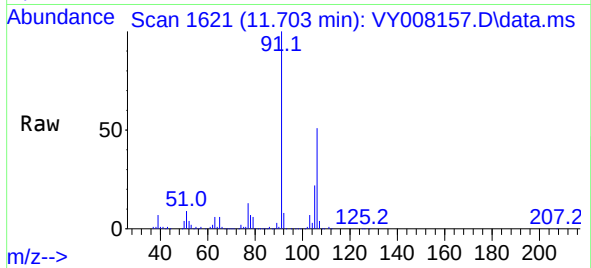
Tgt Ion: 91 Resp: 847995
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7





#68
m/p-Xylenes
Concen: 23.840 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

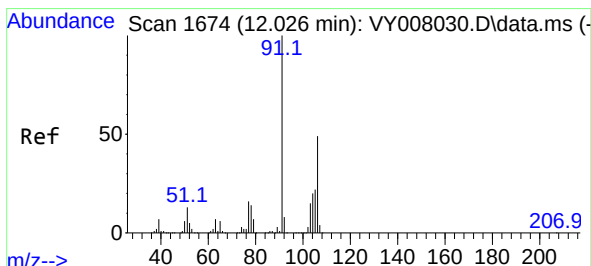
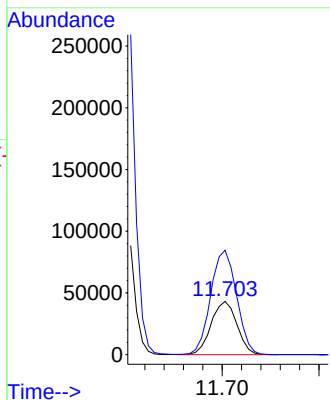
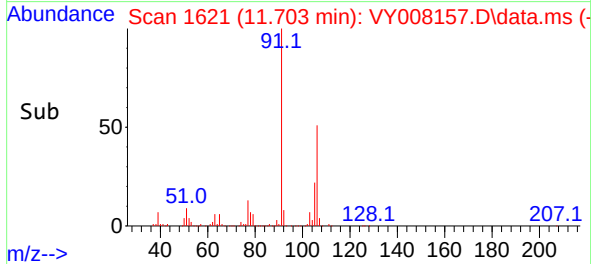
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



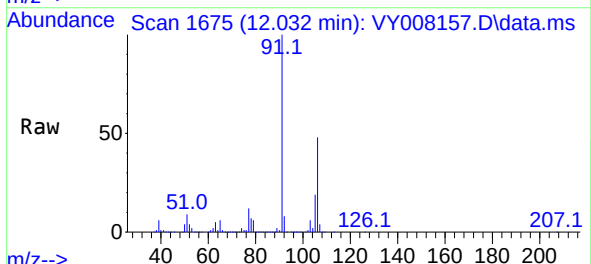
Tgt Ion:106 Resp: 79694
Ion Ratio Lower Upper
106 100
91 197.4 166.6 249.8

Manual Integrations
APPROVED

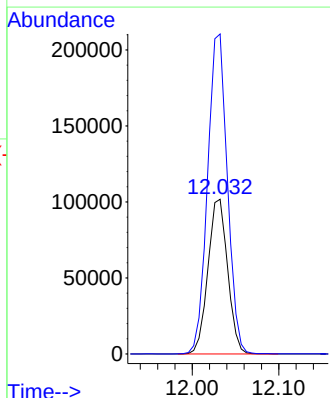
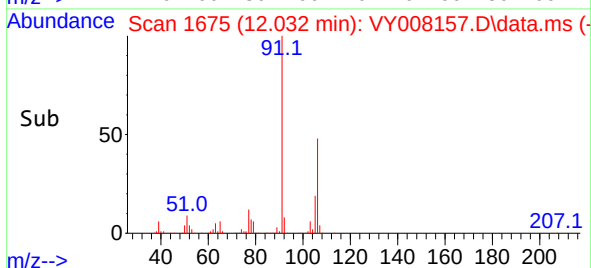
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

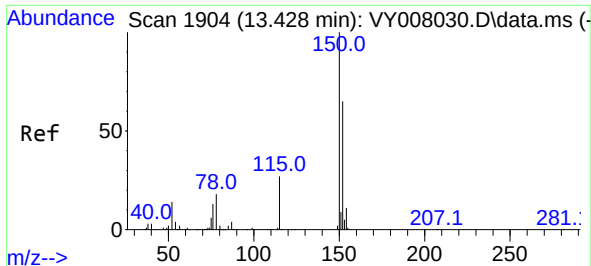


#69
o-Xylene
Concen: 50.178 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



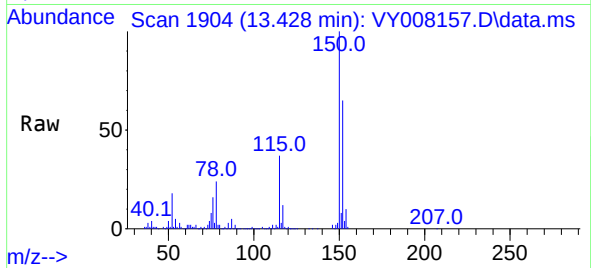
Tgt Ion:106 Resp: 160605
Ion Ratio Lower Upper
106 100
91 208.1 110.3 331.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

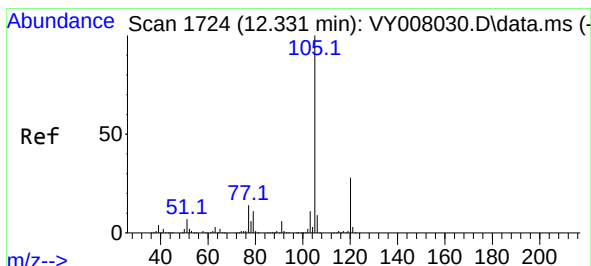
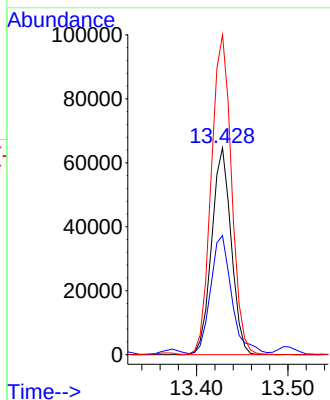
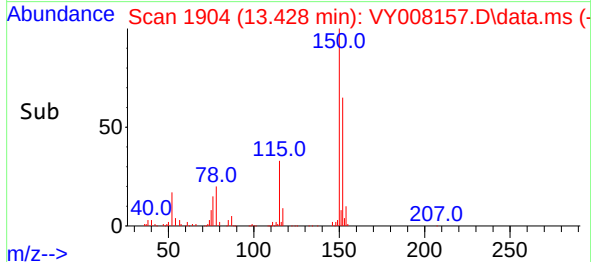
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



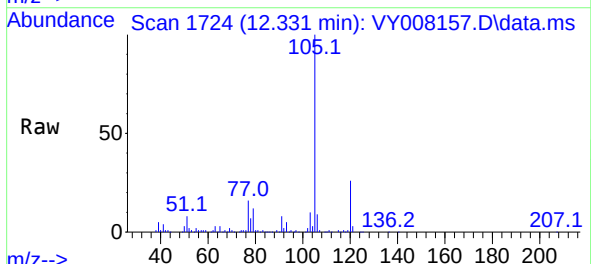
Tgt Ion:152 Resp: 95723
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 160.7 0.0 347.6

Manual Integrations
APPROVED

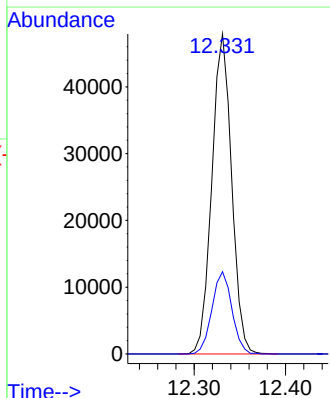
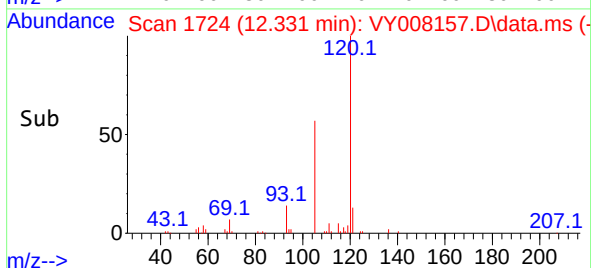
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

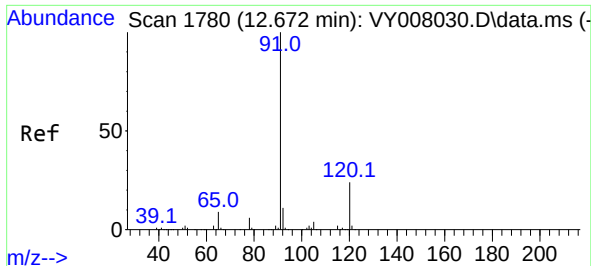


#73
Isopropylbenzene
Concen: 9.103 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



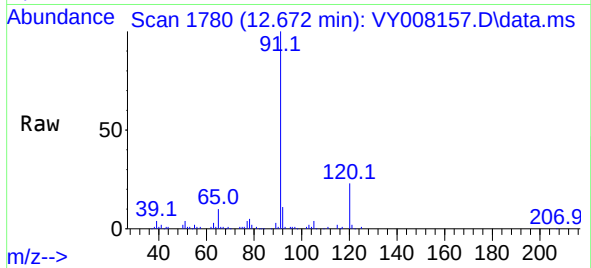
Tgt Ion:105 Resp: 71927
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2





#78
n-propylbenzene
Concen: 4.157 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

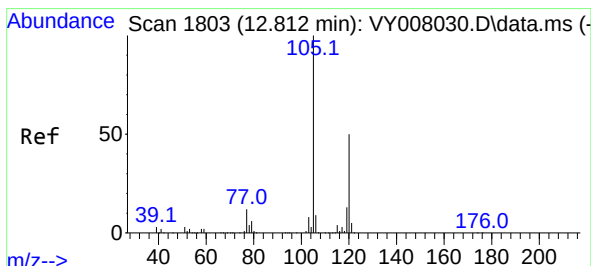
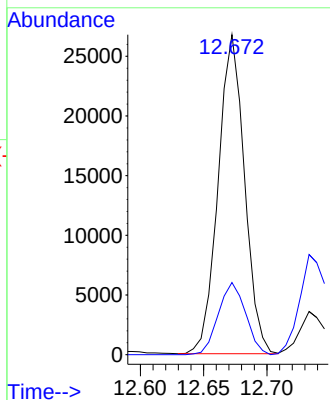
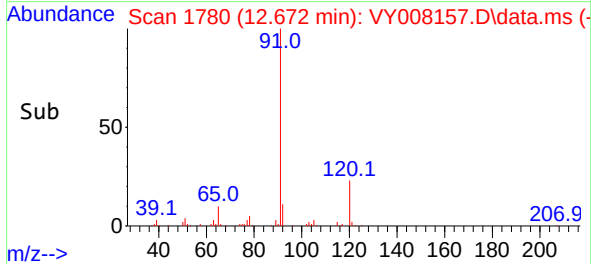
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



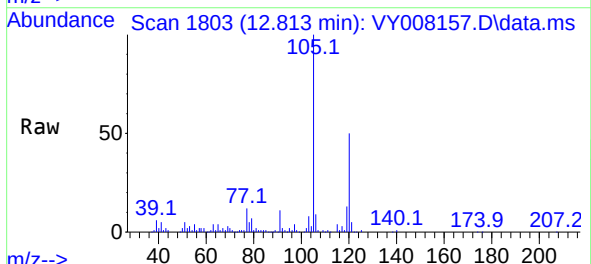
Tgt Ion: 91 Resp: 38738
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9

Manual Integrations
APPROVED

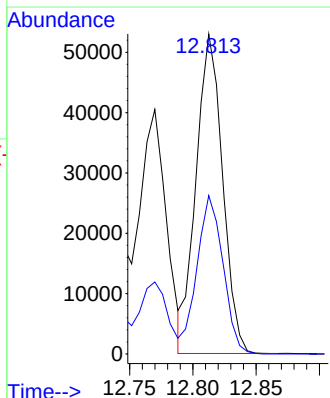
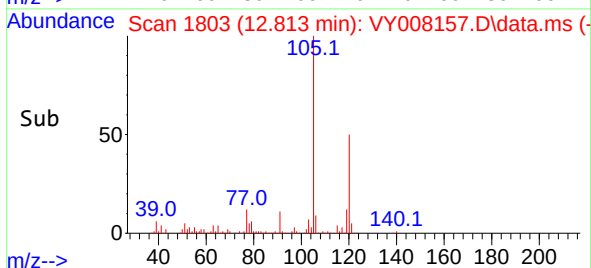
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

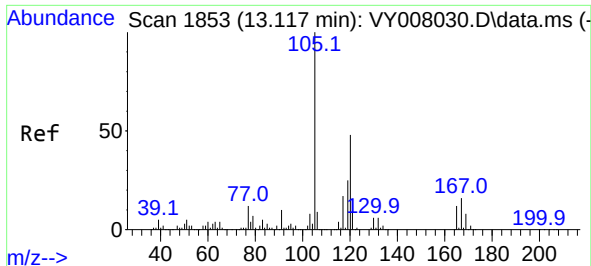


#80
1,3,5-Trimethylbenzene
Concen: 11.916 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



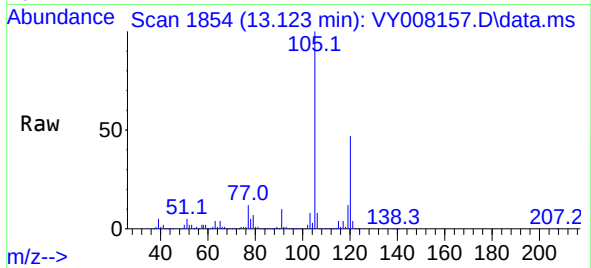
Tgt Ion:105 Resp: 77127
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 32.427 ug/l
RT: 13.123 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43

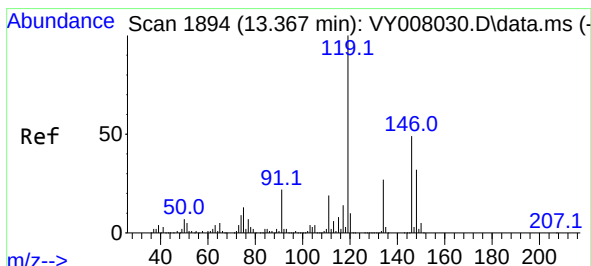
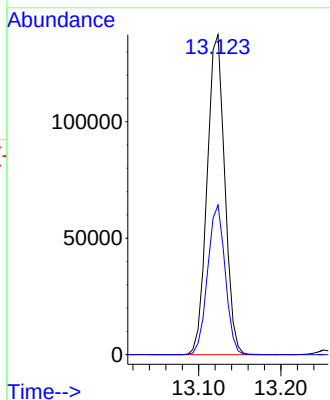
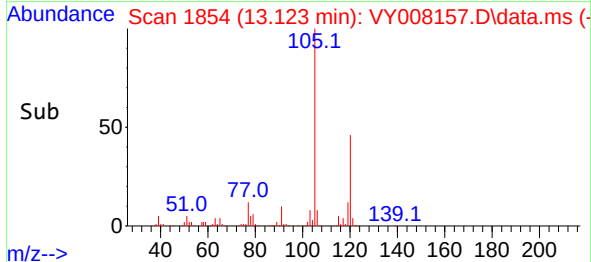
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0



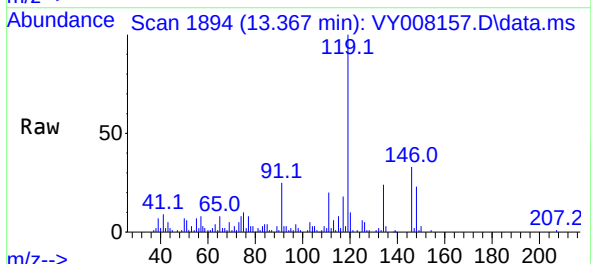
Tgt Ion:105 Resp: 20439
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9

Manual Integrations
APPROVED

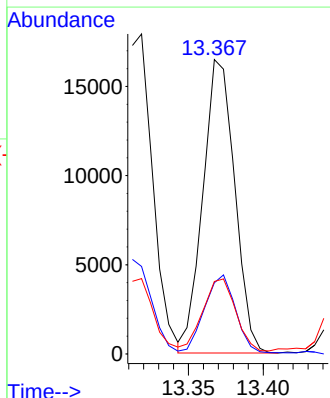
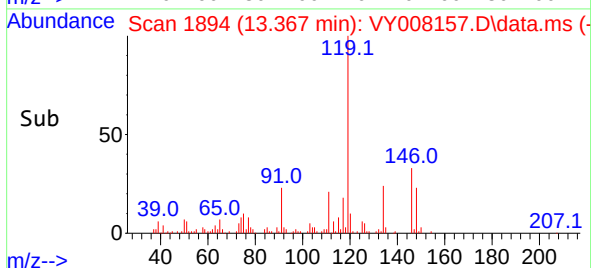
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

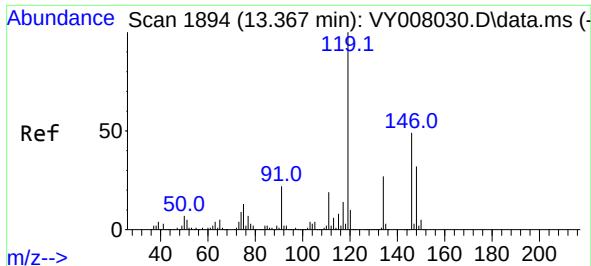


#86
p-Isopropyltoluene
Concen: 3.440 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008157.D
Acq: 01 Apr 2022 13:43



Tgt Ion:119 Resp: 24370
Ion Ratio Lower Upper
119 100
134 25.9 13.2 39.5
91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.327 ug/l m

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008157.D

Acq: 01 Apr 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-19.0-20.0

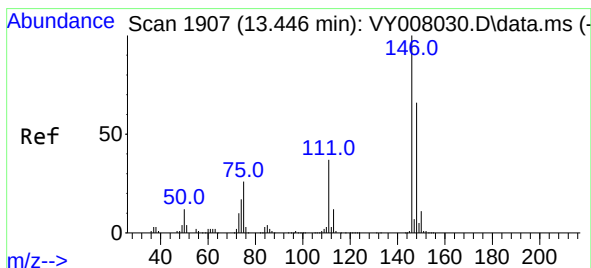
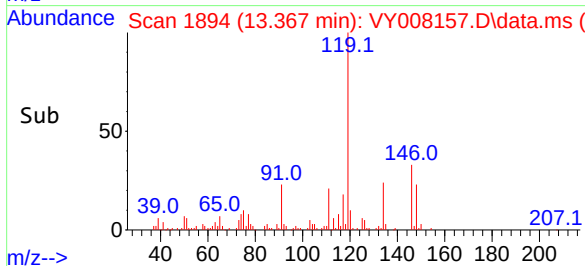
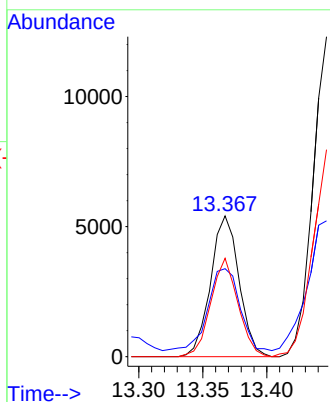
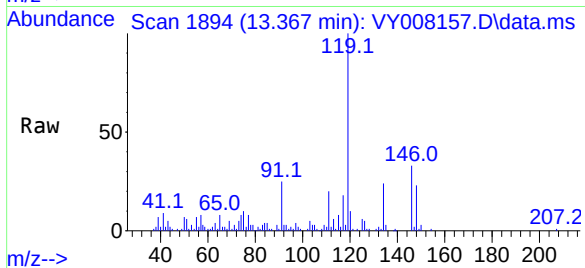
Tgt Ion:	146	Resp:	836
Ion Ratio	Lower	Upper	
146	100		
111	103.6	19.5	58.5
148	146.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#88

1,4-Dichlorobenzene

Concen: 5.137 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY008157.D

Acq: 01 Apr 2022 13:43

Tgt Ion:	146	Resp:	18411
Ion Ratio	Lower	Upper	
146	100		
111	48.8	19.3	57.8
148	66.5	32.6	97.8

