

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007977.D
 Acq On : 22 Mar 2022 01:30
 Operator : SY/MD
 Sample : N1977-06
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-20220315-15.0-16.0

Quant Time: Mar 22 03:44:45 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 : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145156	56.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.540%			
35) Dibromofluoromethane	7.716	113	130750	44.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.740%			
50) Toluene-d8	10.179	98	510845	58.402	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.800%			
62) 4-Bromofluorobenzene	12.483	95	160811	38.025	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.060%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	360411	531.381	ug/l	92
17) Carbon Disulfide	4.198	76	64246	9.462	ug/l	99
25) 2-Butanone	6.984	43	129741	119.422	ug/l #	90
40) Benzene	8.161	78	137969	10.803	ug/l	93
52) Toluene	10.240	92	21062	2.568	ug/l	98
67) Ethyl Benzene	11.593	91	20496	1.328	ug/l	98
68) m/p-Xylenes	11.703	106	13252	2.201	ug/l	92
69) o-Xylene	12.032	106	11847	2.034	ug/l	99
73) Isopropylbenzene	12.331	105	25952	2.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	18740	2.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	46624	5.331	ug/l	99
85) sec-Butylbenzene	13.251	105	13518	1.130	ug/l #	43
86) p-Isopropyltoluene	13.367	119	13829m	1.424	ug/l	

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

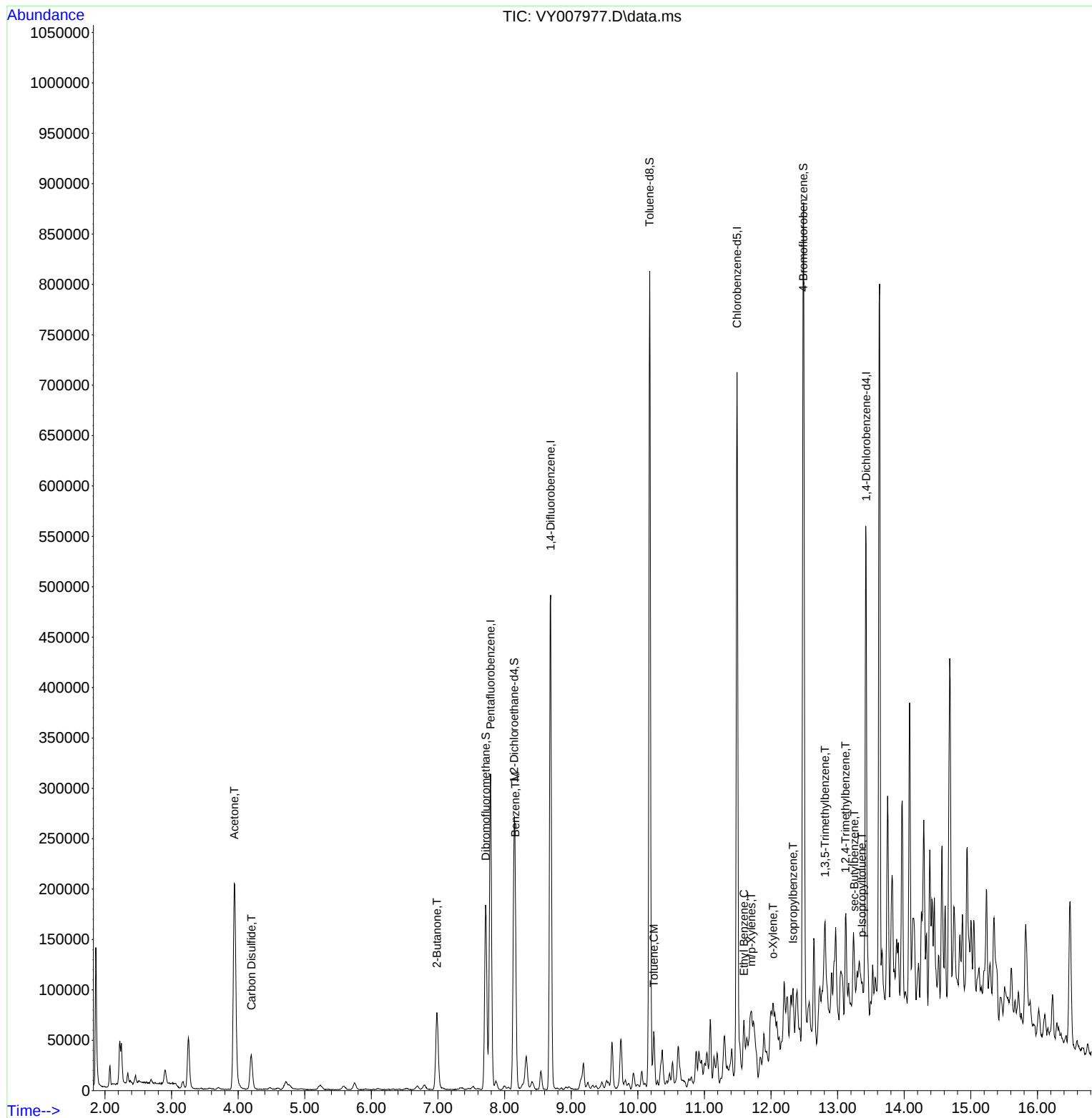
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007977.D
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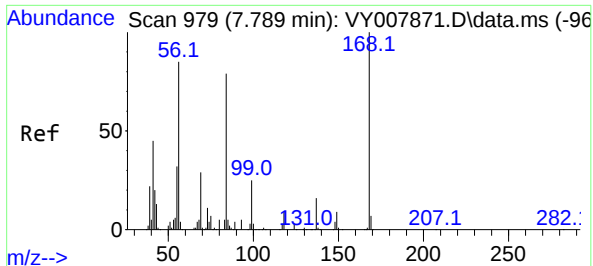
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0

Quant Time: Mar 22 03:44:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
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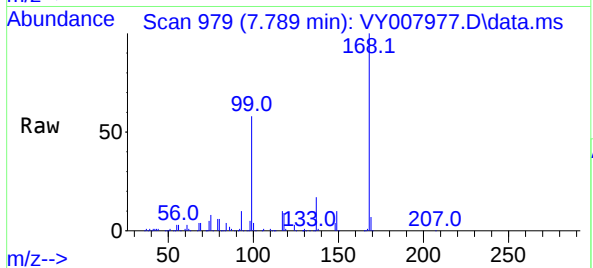
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

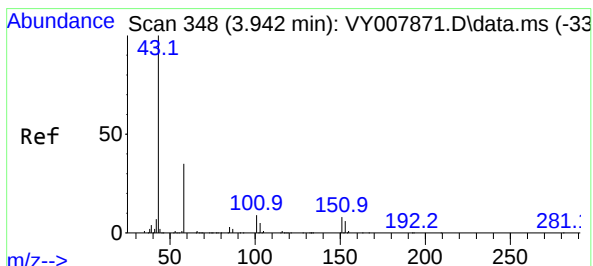
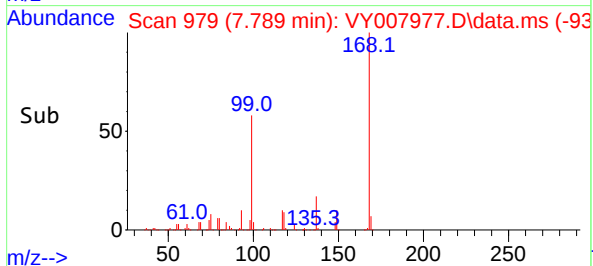
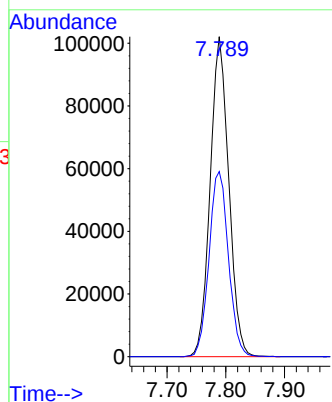
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0



Tgt Ion:168 Resp: 224235
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3

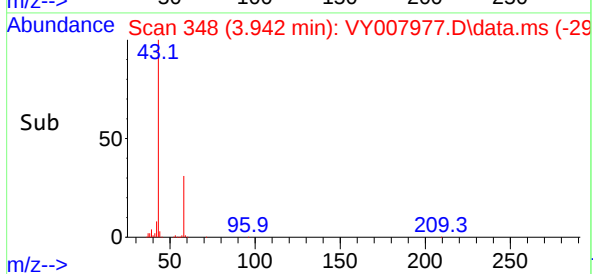
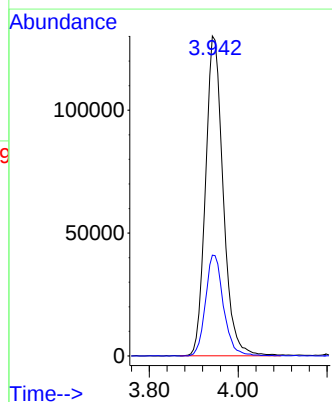
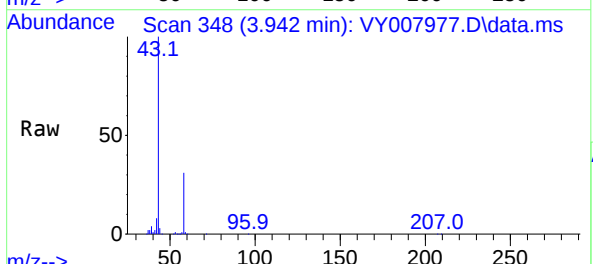
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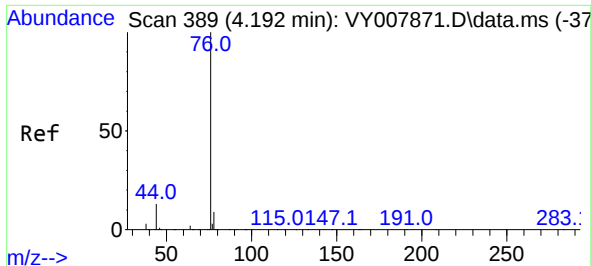
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 531.381 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

Tgt Ion: 43 Resp: 360411
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





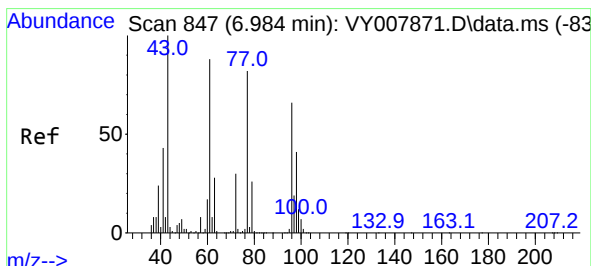
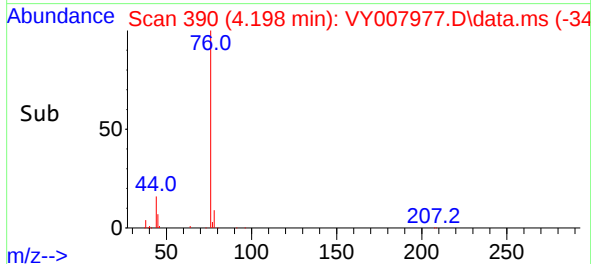
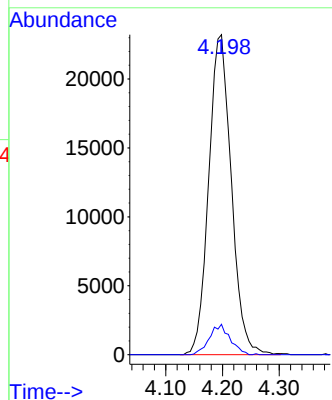
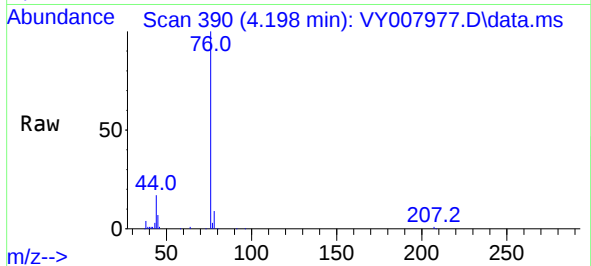
#17
Carbon Disulfide
Concen: 9.462 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0

Tgt Ion: 76 Resp: 64240
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

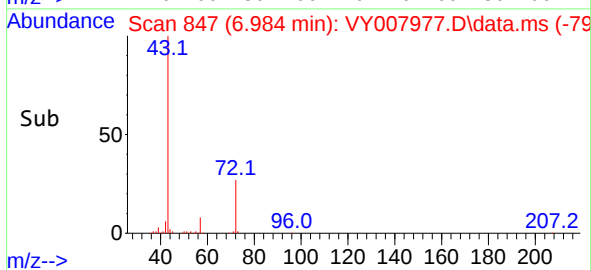
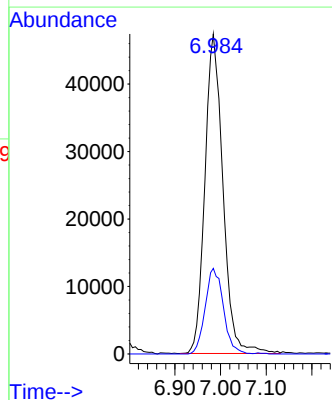
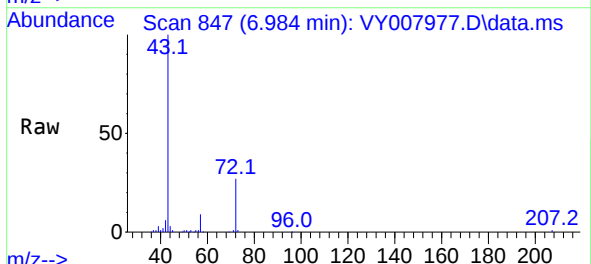
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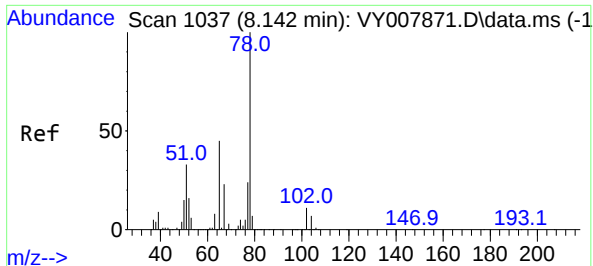
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#25
2-Butanone
Concen: 119.422 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

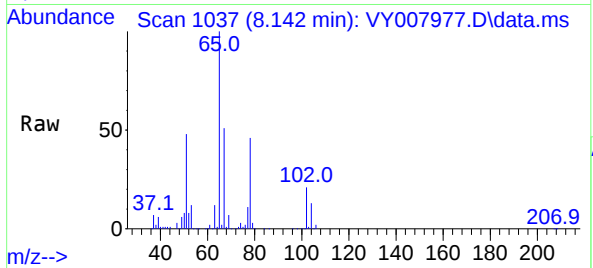
Tgt Ion: 43 Resp: 129741
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#





#33
1,2-Dichloroethane-d4
Concen: 56.775 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

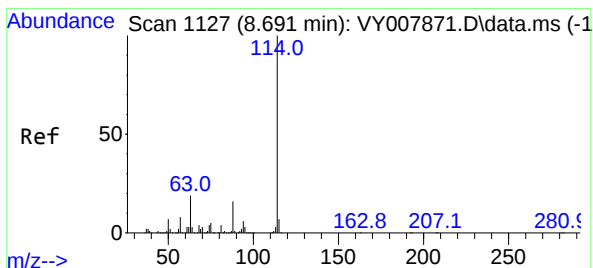
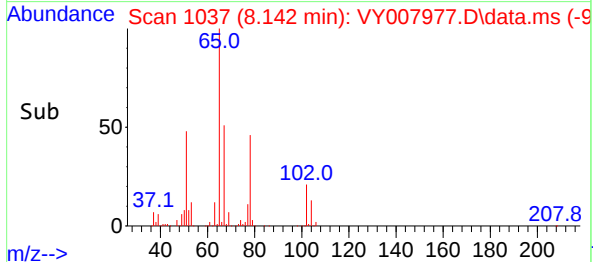
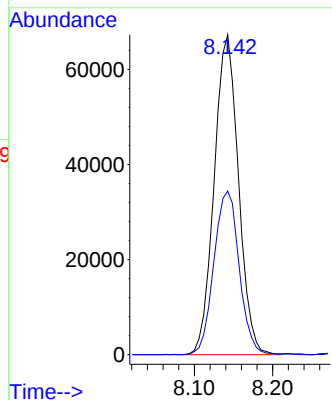
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0



Tgt Ion: 65 Resp: 145150
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

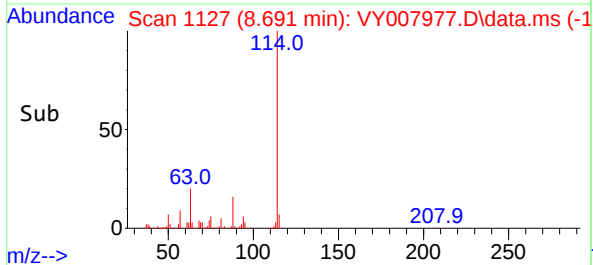
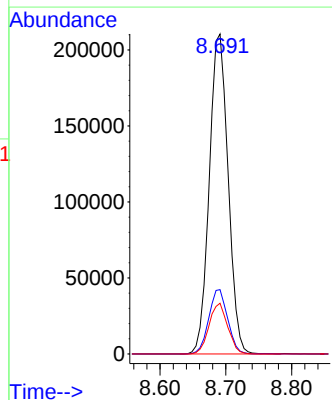
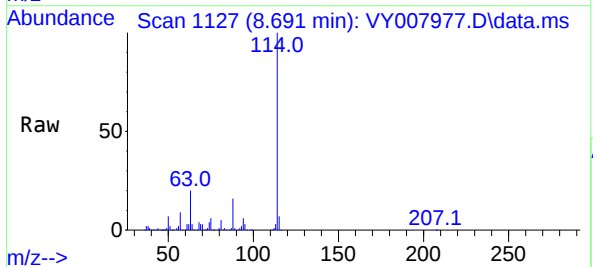
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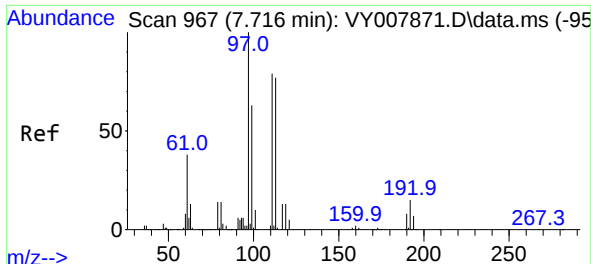
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

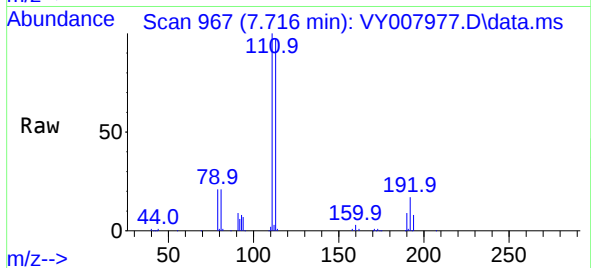
Tgt Ion:114 Resp: 419580
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.372 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

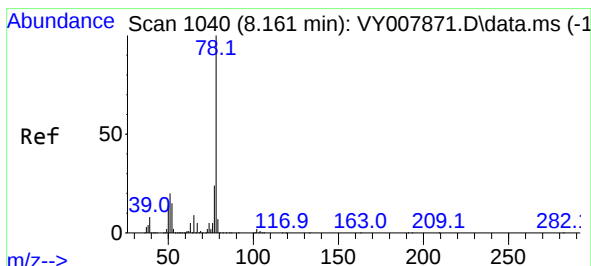
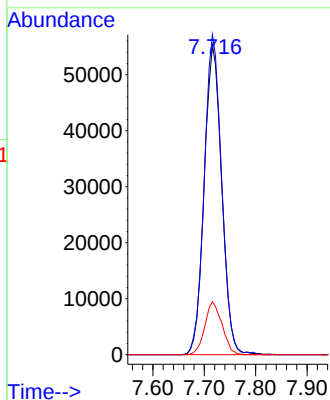
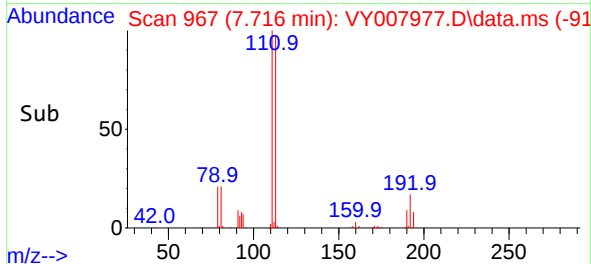
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0



Tgt Ion:113 Resp: 130750
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 16.8 17.6 26.4

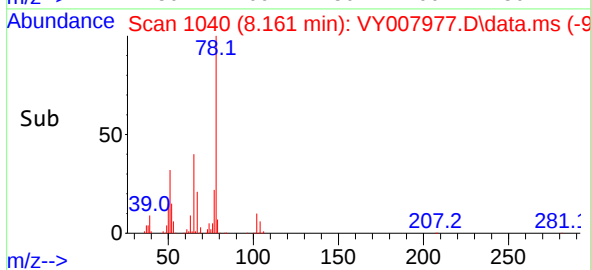
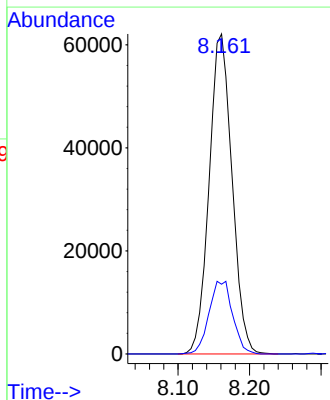
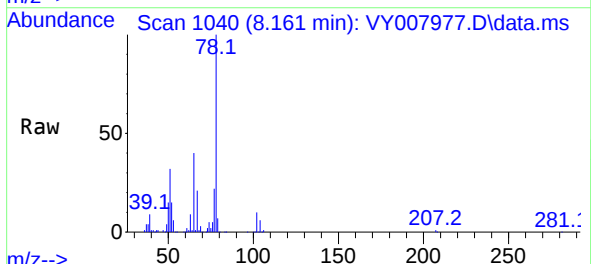
Manual Integrations
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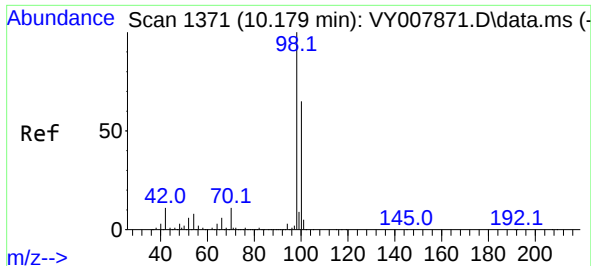
Reviewed By :John Carlone 03/22/2022
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#40
Benzene
Concen: 10.803 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

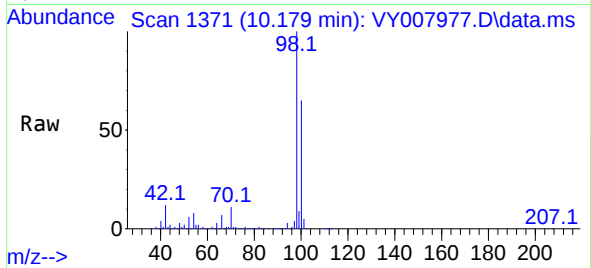
Tgt Ion: 78 Resp: 137969
Ion Ratio Lower Upper
78 100
77 21.8 20.4 30.6





#50
Toluene-d8
Concen: 58.402 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

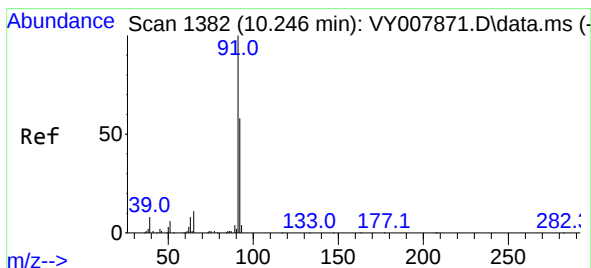
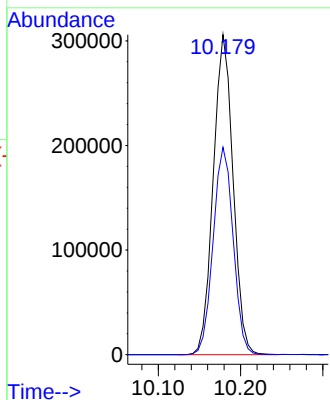
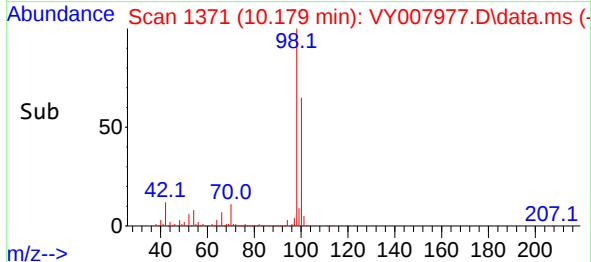
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SB-14-20220315-15.0-16.0



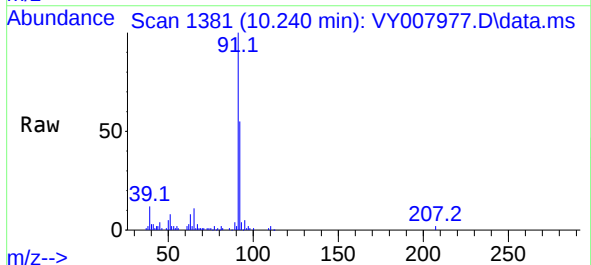
Tgt Ion: 98 Resp: 51084
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

Manual Integrations
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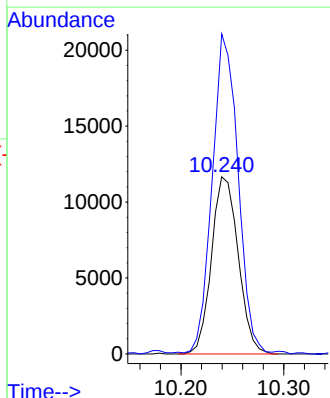
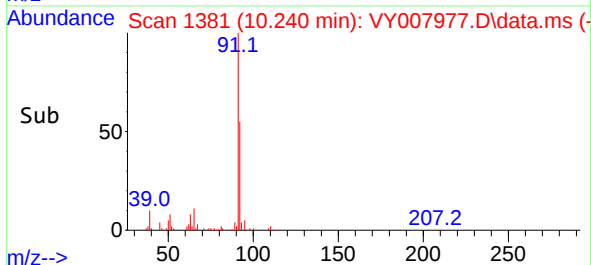
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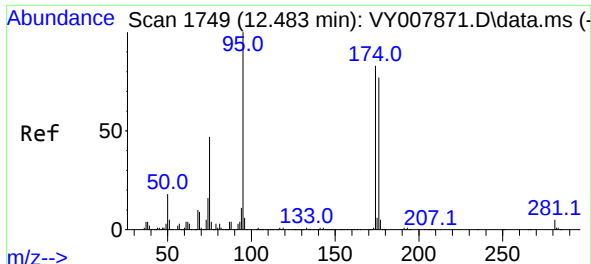


#52
Toluene
Concen: 2.568 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30



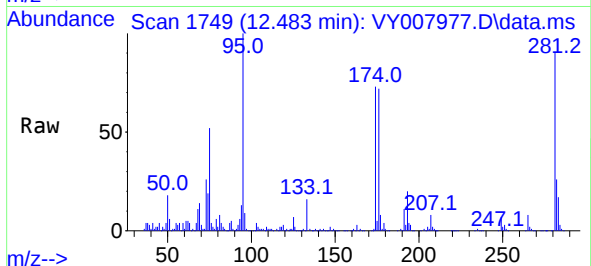
Tgt Ion: 92 Resp: 21062
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 38.025 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

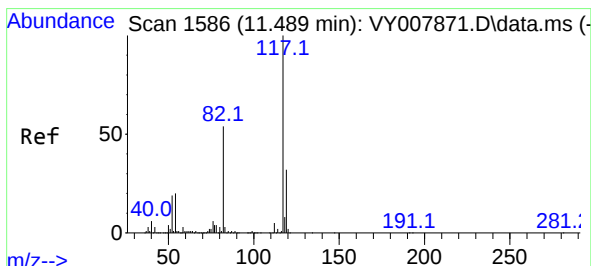
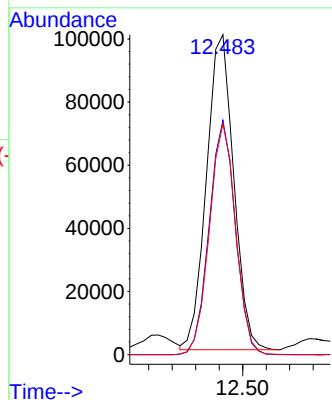
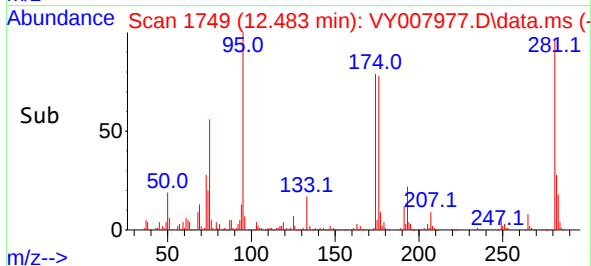
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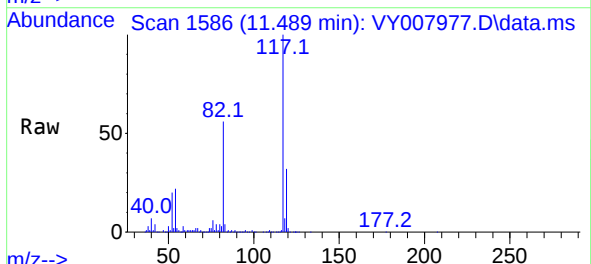
Tgt Ion: 95 Resp: 16081
Ion Ratio Lower Upper
95 100
174 71.3 0.0 177.0
176 70.4 0.0 175.8

Manual Integrations
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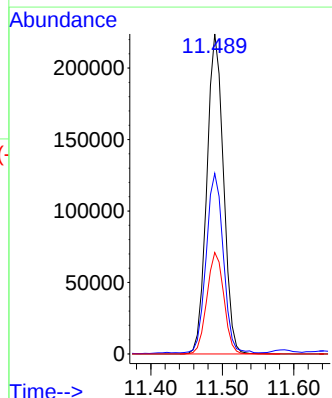
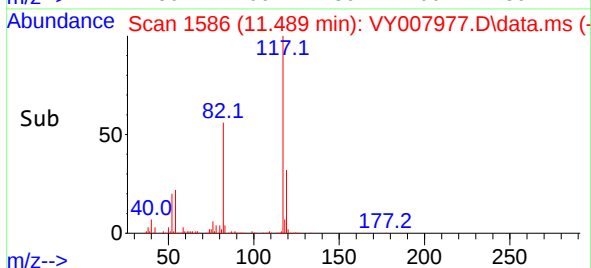
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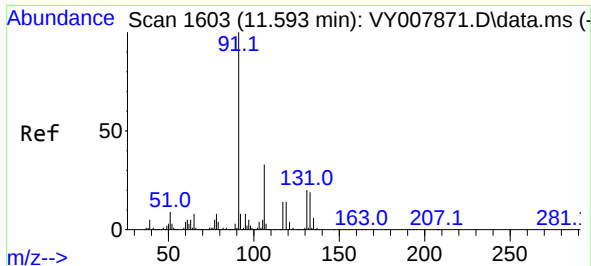


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30



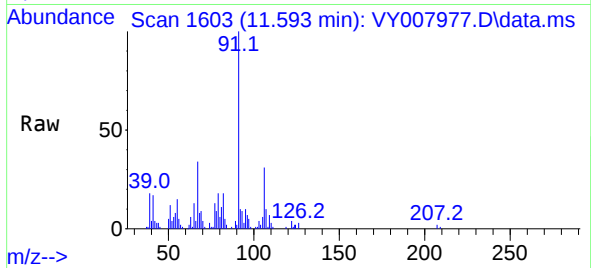
Tgt Ion:117 Resp: 361781
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 31.7 25.4 38.0





#67
Ethyl Benzene
Concen: 1.328 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

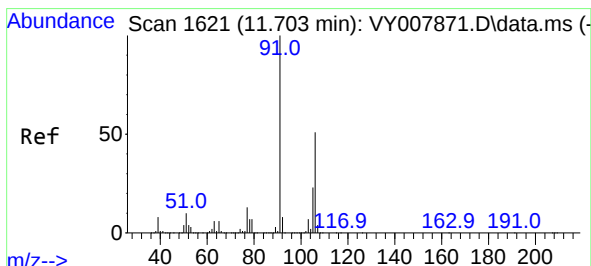
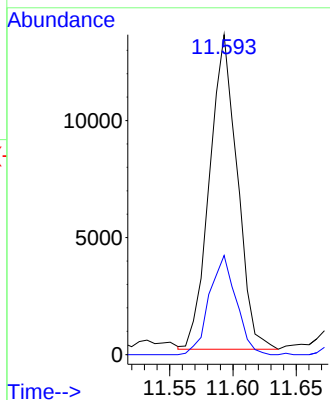
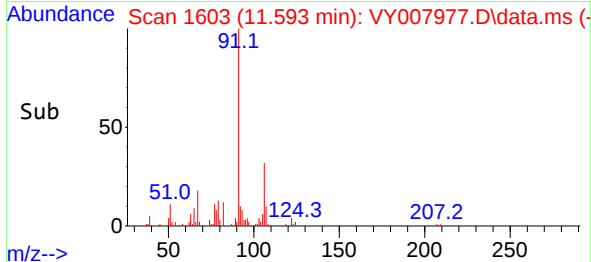
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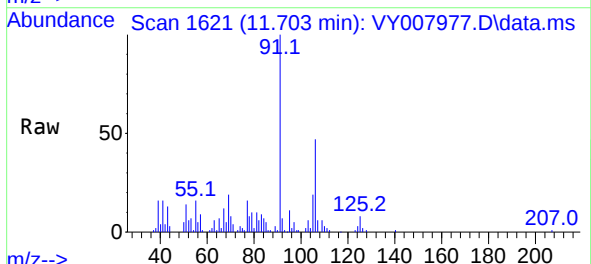
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Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

Manual Integrations
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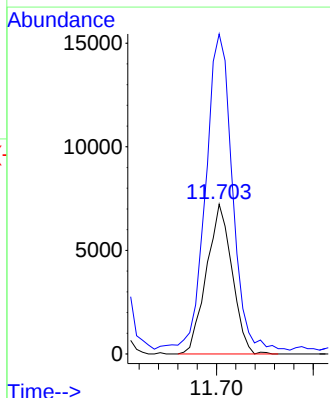
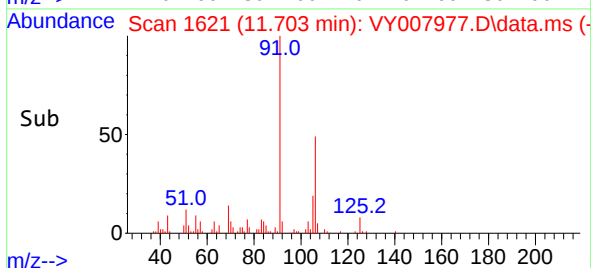
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

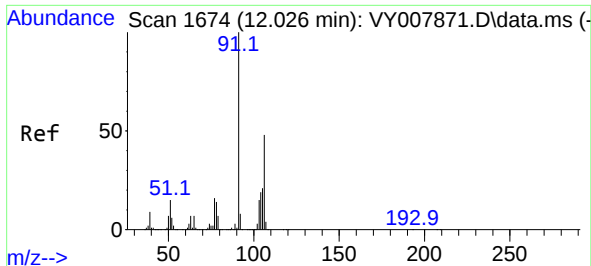


#68
m/p-Xylenes
Concen: 2.201 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30



Tgt Ion:106 Resp: 13252
Ion Ratio Lower Upper
106 100
91 220.3 166.6 249.8





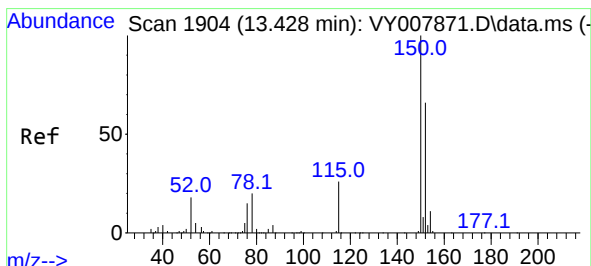
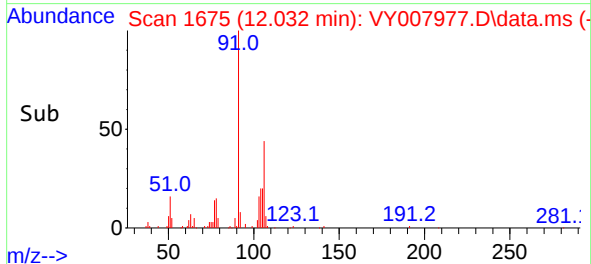
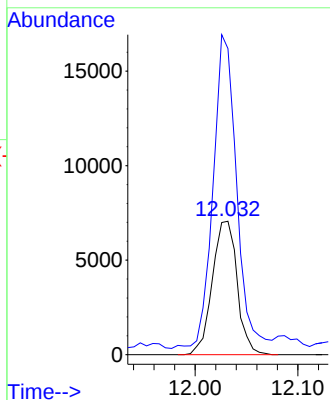
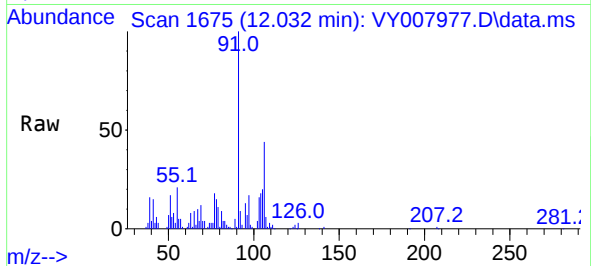
#69
o-Xylene
Concen: 2.034 ug/l
RT: 12.032 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0

Tgt Ion:106 Resp: 1184
Ion Ratio Lower Upper
106 100
91 222.3 110.3 331.0

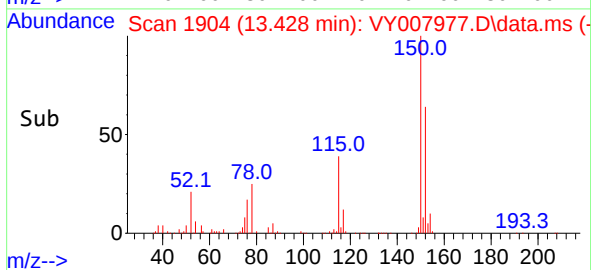
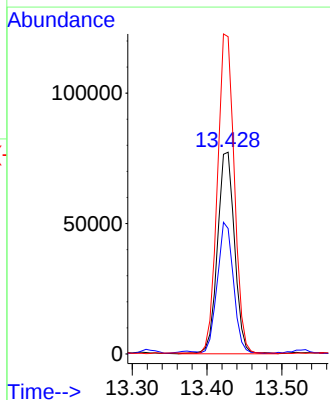
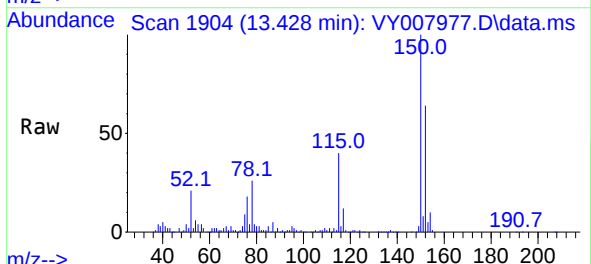
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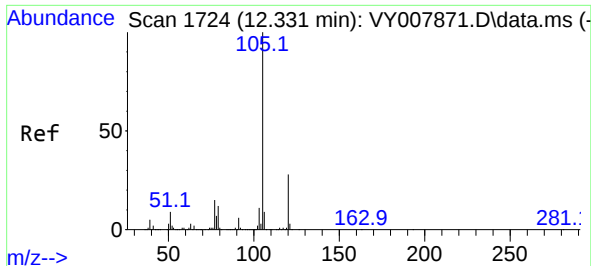
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

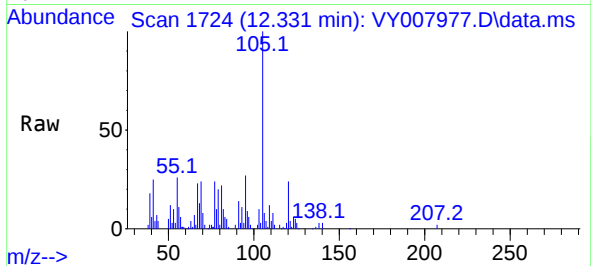
Tgt Ion:152 Resp: 123262
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 156.5 0.0 347.6





#73
Isopropylbenzene
Concen: 2.392 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

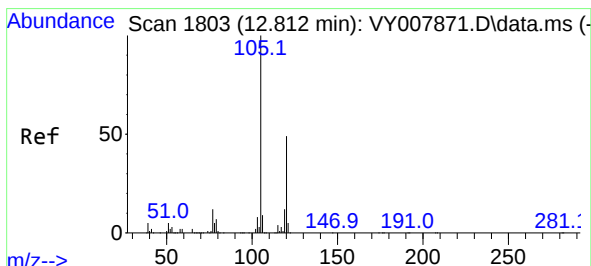
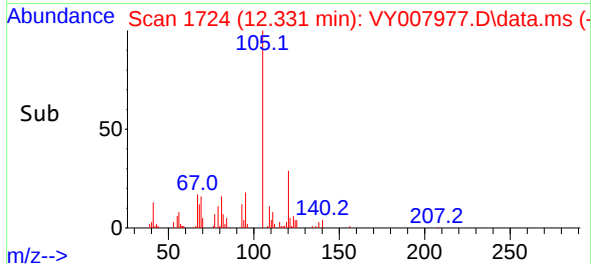
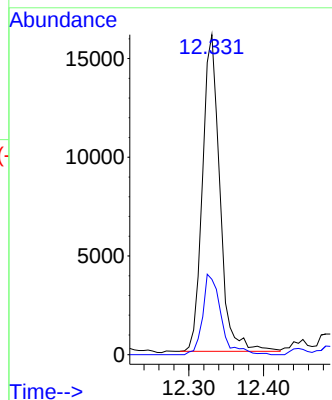
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-15.0-16.0



Tgt Ion:105 Resp: 2595
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

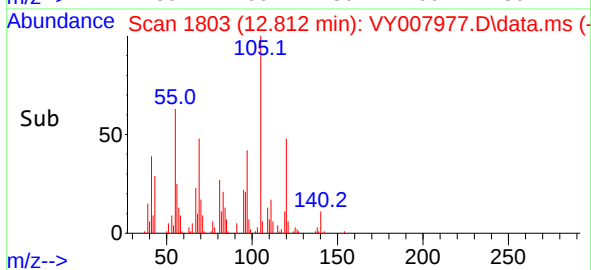
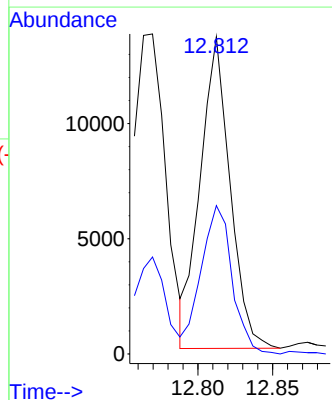
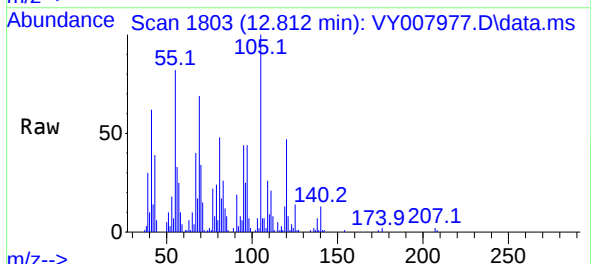
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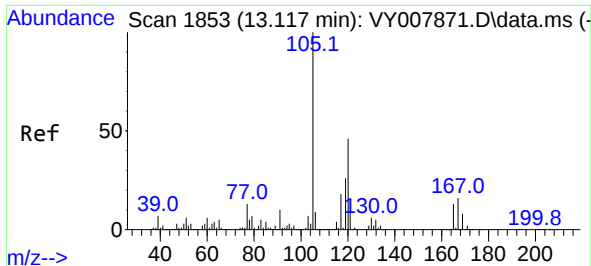
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.100 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

Tgt Ion:105 Resp: 18740
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4





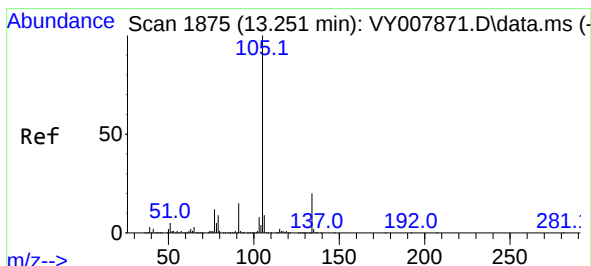
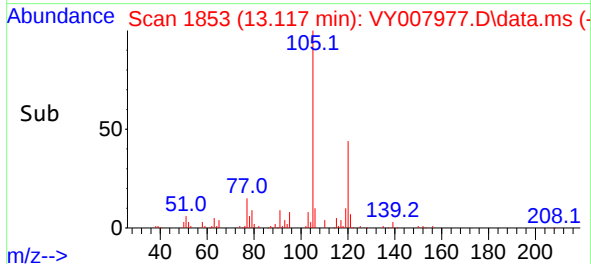
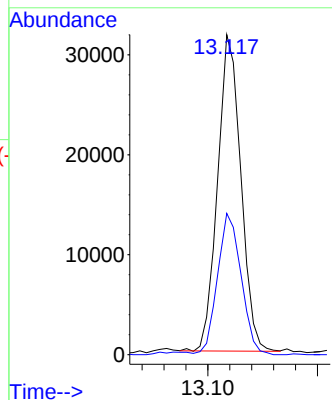
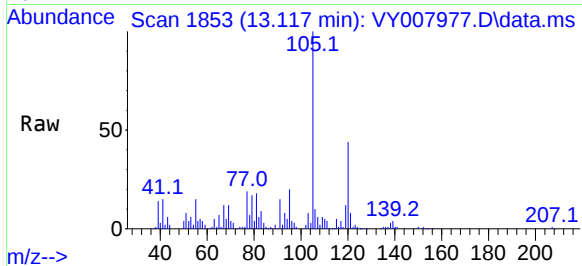
#84
1,2,4-Trimethylbenzene
Concen: 5.331 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

Instrument : MSVOA_Y
ClientSampleId : SB-14-20220315-15.0-16.0

Tgt Ion:105 Resp: 46624
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9

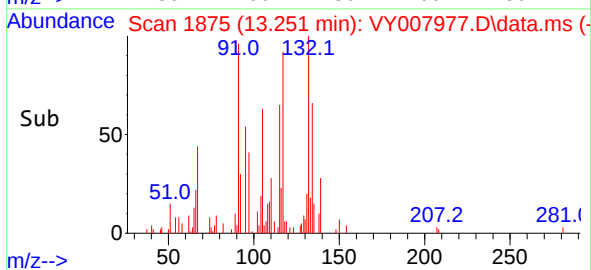
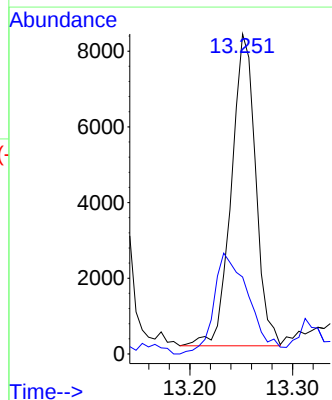
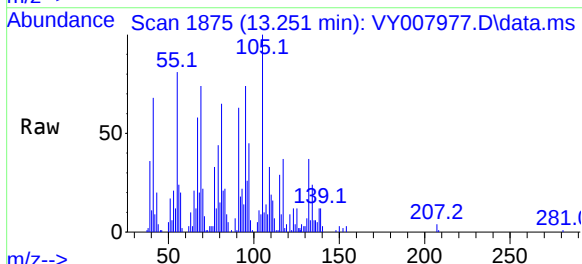
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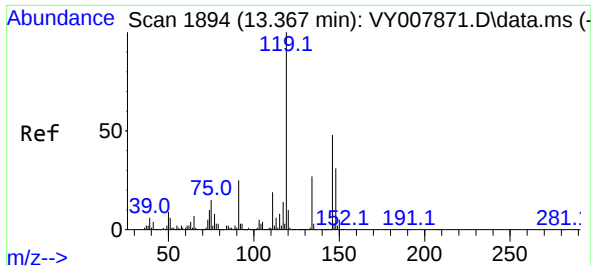
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#85
sec-Butylbenzene
Concen: 1.130 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY007977.D
Acq: 22 Mar 2022 01:30

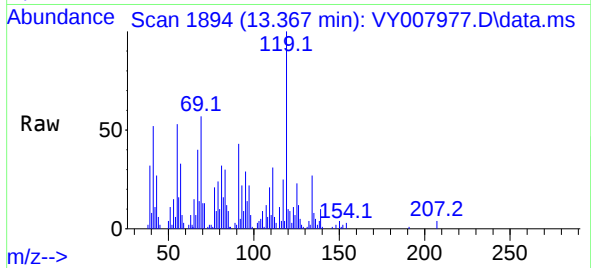
Tgt Ion:105 Resp: 13518
Ion Ratio Lower Upper
105 100
134 46.7 10.2 30.4#





#86
 p-Isopropyltoluene
 Concen: 1.424 ug/l m
 RT: 13.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007977.D
 Acq: 22 Mar 2022 01:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-20220315-15.0-16.0



Tgt Ion:119 Resp: 13829
 Ion Ratio Lower Upper
 119 100
 134 47.7 13.2 39.5
 91 56.2 12.4 37.2

Manual Integrations
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Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

