

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007306.D
 Acq On : 26 Jan 2022 14:58
 Operator : SY/MD
 Sample : N1248-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C1-C2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:34:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	82375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	142546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52770	52.209	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.420%			
35) Dibromofluoromethane	7.722	113	52295	49.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.360%			
50) Toluene-d8	10.179	98	191465	49.779	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.483	95	62075	45.370	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.740%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	5411	20.628	ug/l	94
52) Toluene	10.246	92	5483	1.929	ug/l	96
67) Ethyl Benzene	11.593	91	93757	16.005	ug/l	100
68) m/p-Xylenes	11.703	106	140718	64.639	ug/l	100
69) o-Xylene	12.032	106	55960	27.296	ug/l	98
70) Styrene	12.032	104	3820	1.105	ug/l #	1
73) Isopropylbenzene	12.331	105	27306	6.247	ug/l	99
78) n-propylbenzene	12.672	91	94378	17.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	171826	47.874	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	488779	137.390	ug/l	98
86) p-Isopropyltoluene	13.373	119	14032	3.680	ug/l	99

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

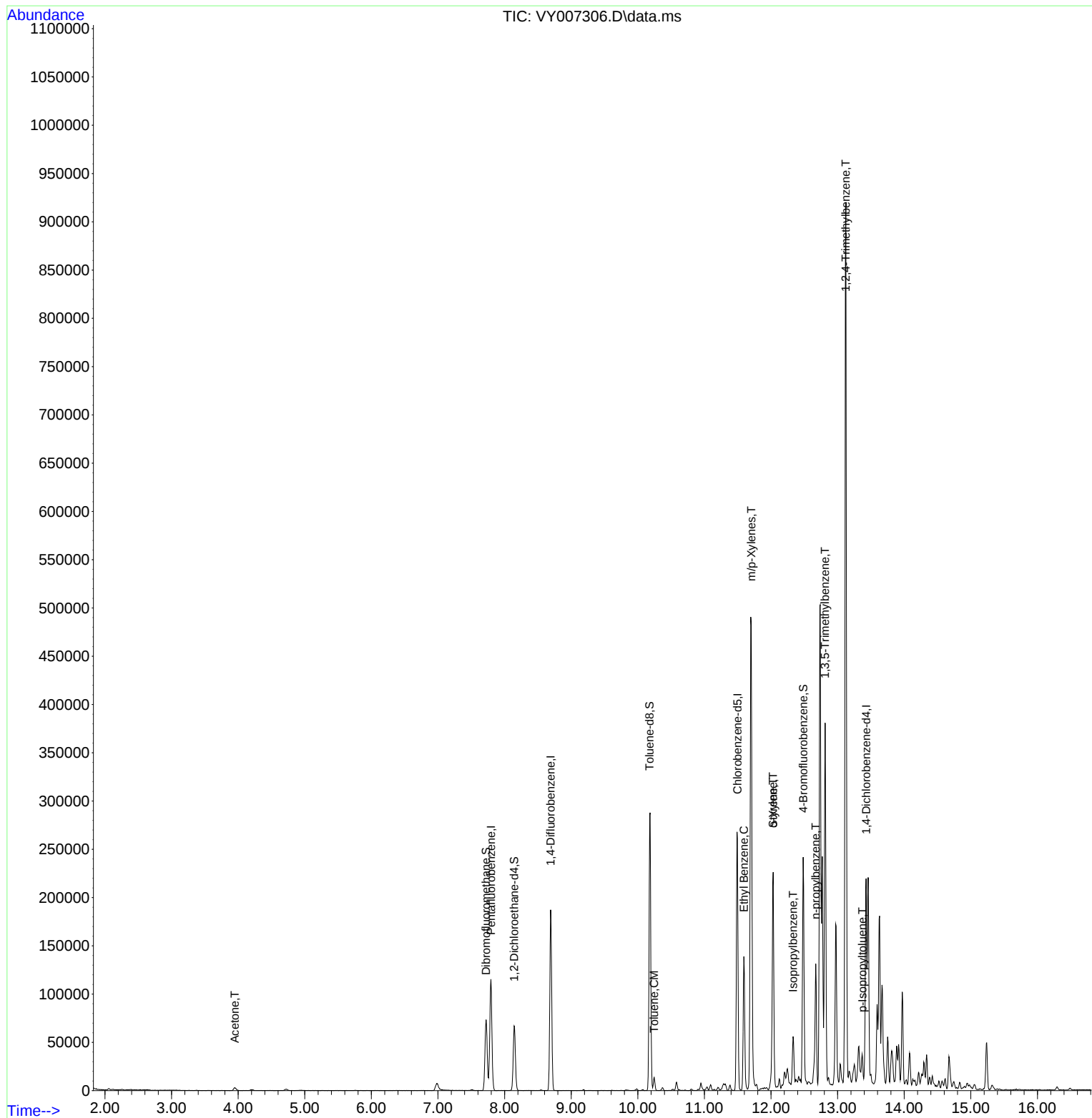
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

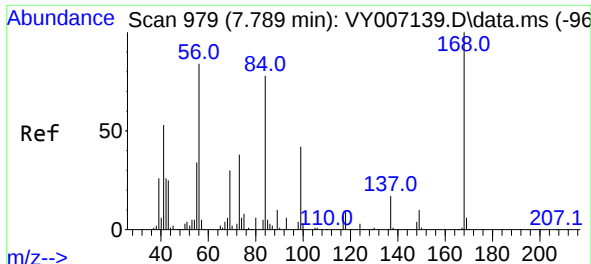
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

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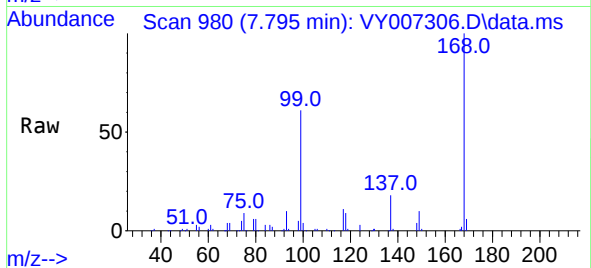
Quant Time: Jan 27 00:34:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

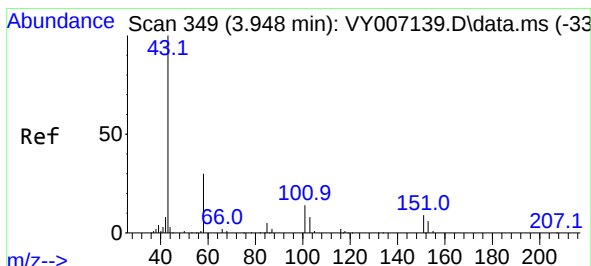
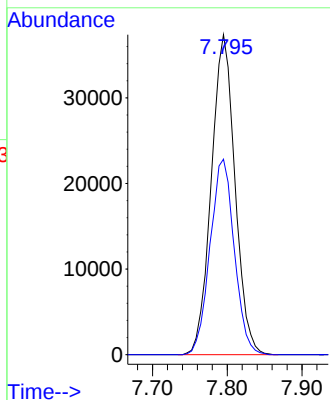
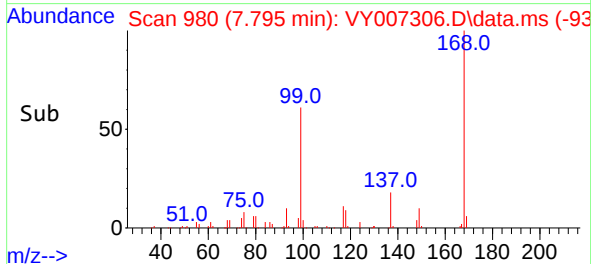
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



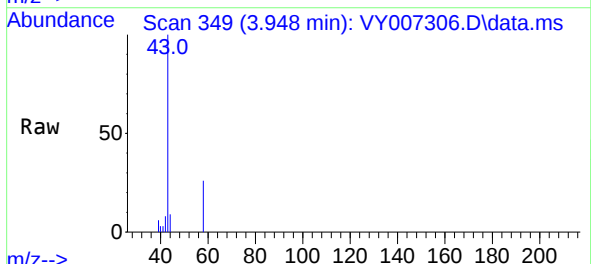
Tgt Ion:168 Resp: 82375
Ion Ratio Lower Upper
168 100
99 61.1 49.1 73.7

Manual Integrations
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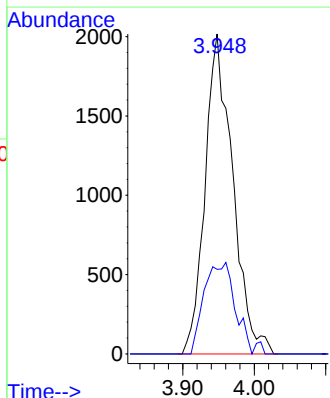
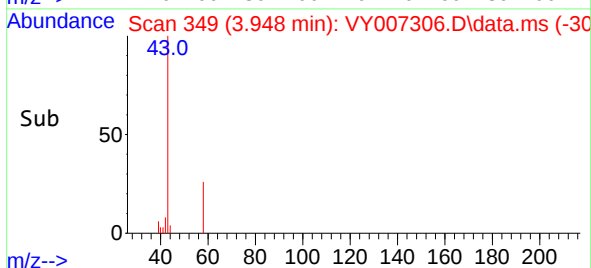
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

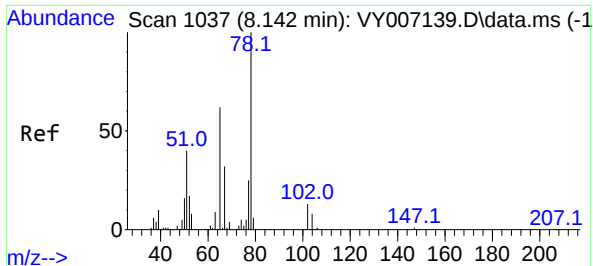


#16
Acetone
Concen: 20.628 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58



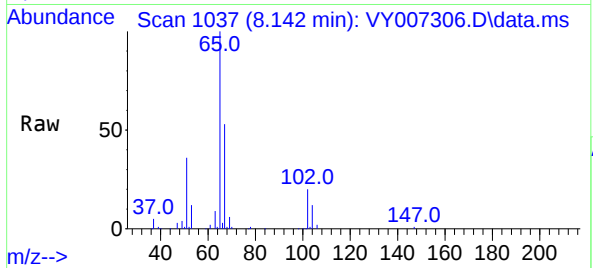
Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.6





#33
1,2-Dichloroethane-d4
Concen: 52.209 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

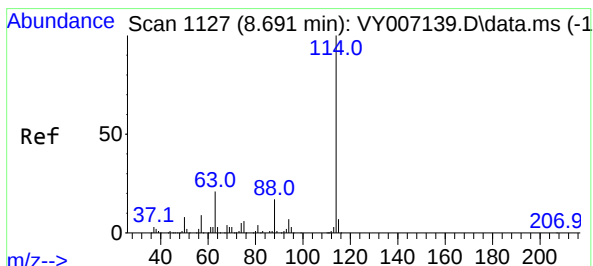
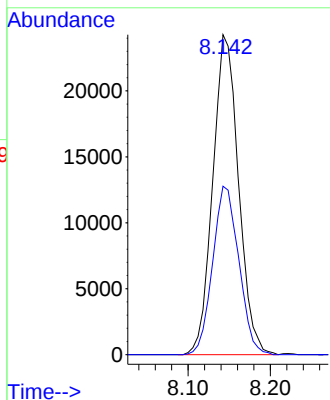
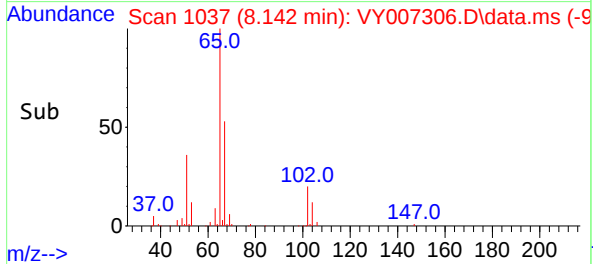
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



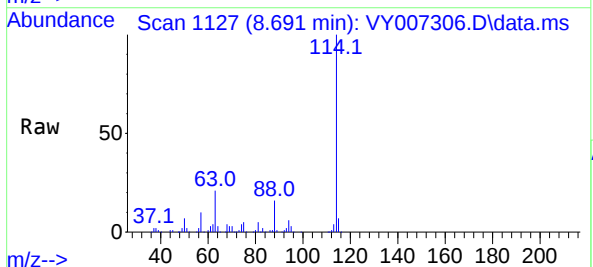
Tgt Ion: 65 Resp: 52770
Ion Ratio Lower Upper
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67 53.4 0.0 105.6

Manual Integrations
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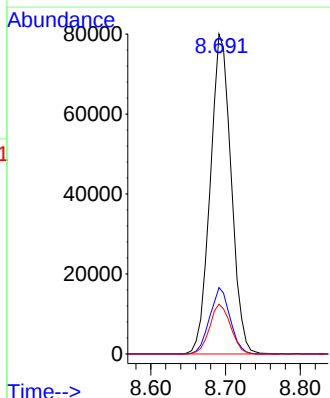
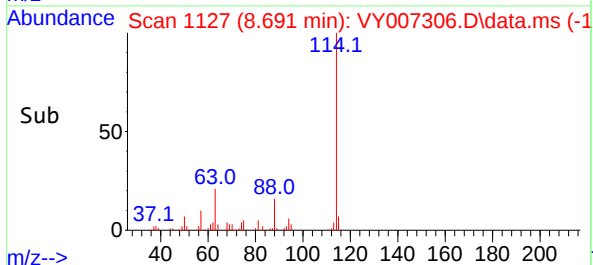
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

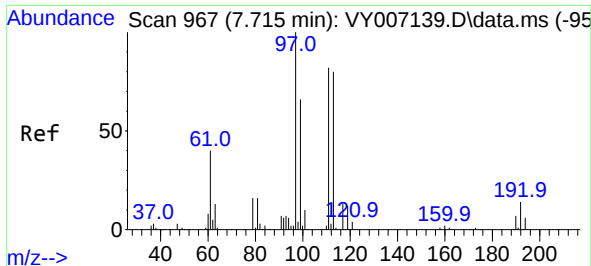


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58



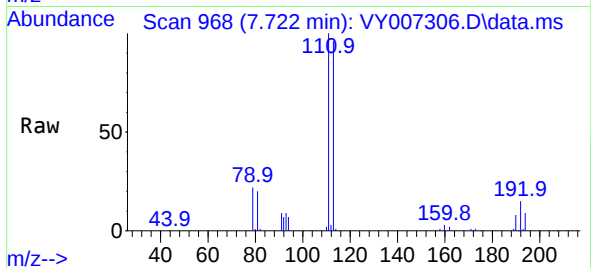
Tgt Ion:114 Resp: 155673
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.5 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.680 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

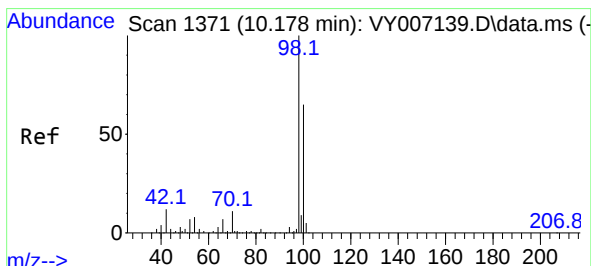
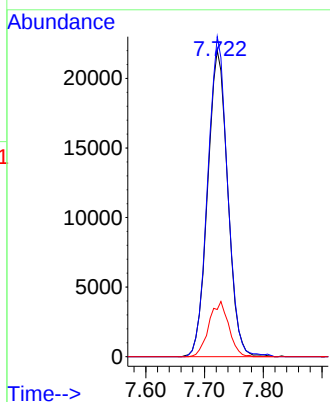
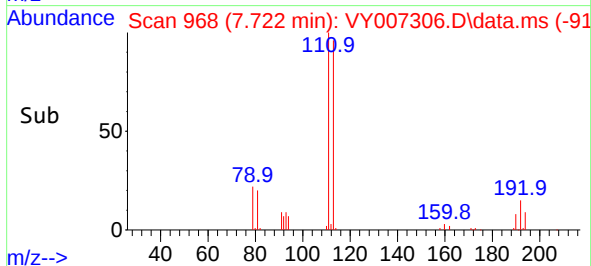
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



Tgt Ion:113 Resp: 52295
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.8 14.2 21.4

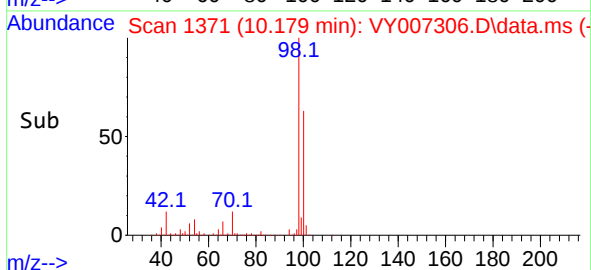
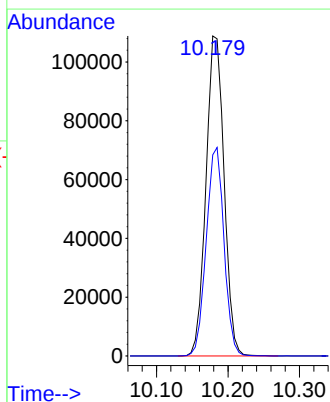
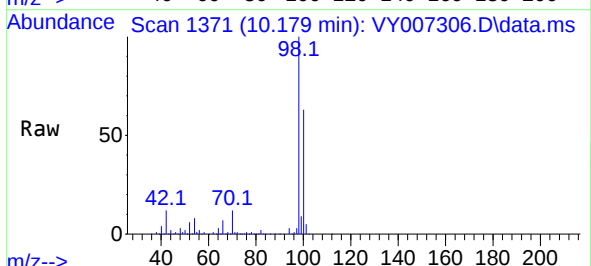
Manual Integrations
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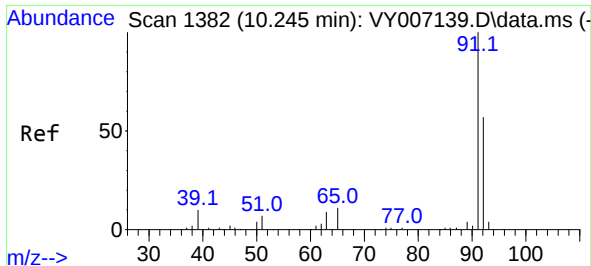
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#50
Toluene-d8
Concen: 49.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

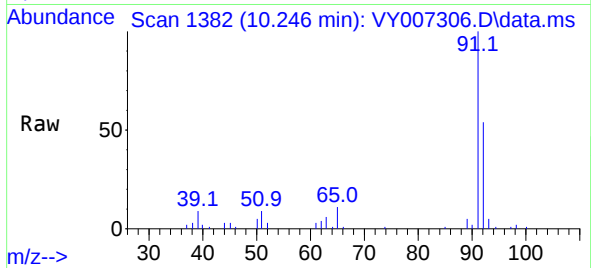
Tgt Ion: 98 Resp: 191465
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2





#52
Toluene
Concen: 1.929 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

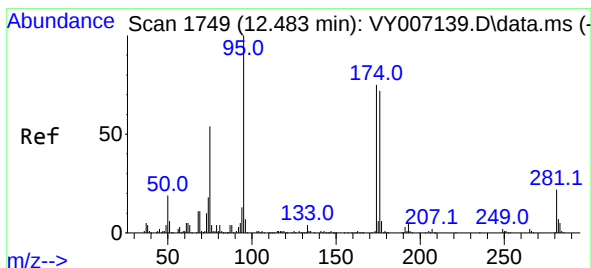
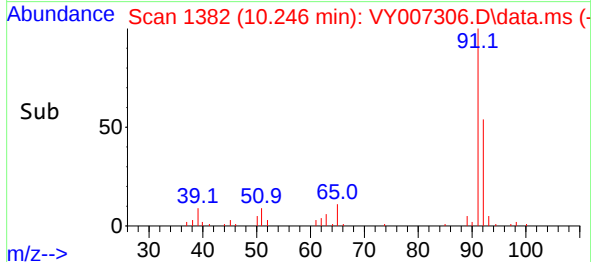
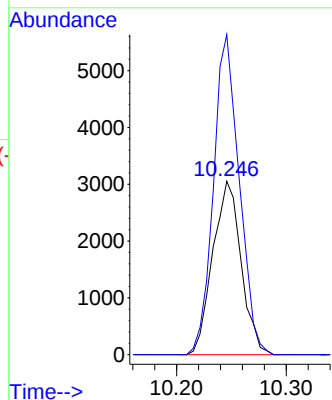
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



Tgt Ion: 92 Resp: 548
Ion Ratio Lower Upper
92 100
91 168.3 138.6 207.8

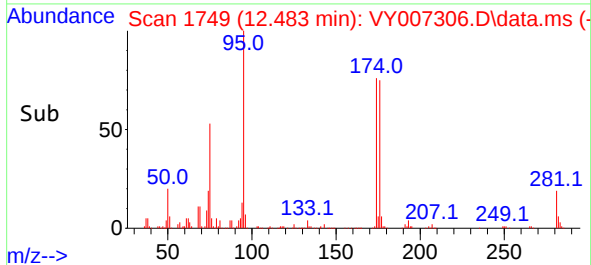
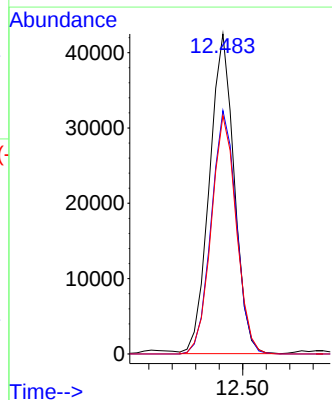
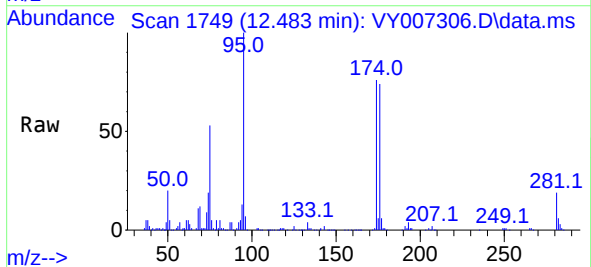
Manual Integrations
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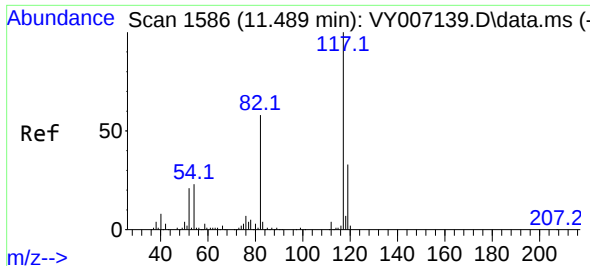
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#62
4-Bromofluorobenzene
Concen: 45.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

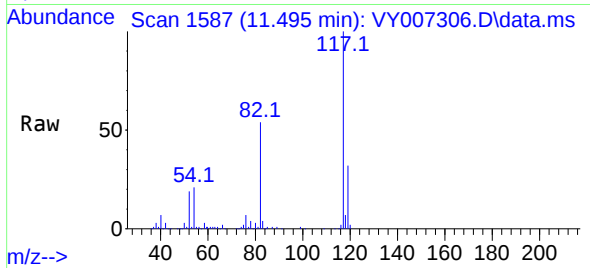
Tgt Ion: 95 Resp: 62075
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.4
176 75.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

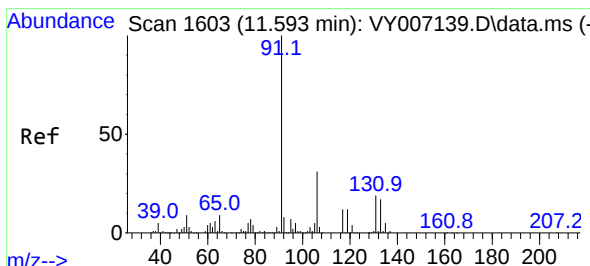
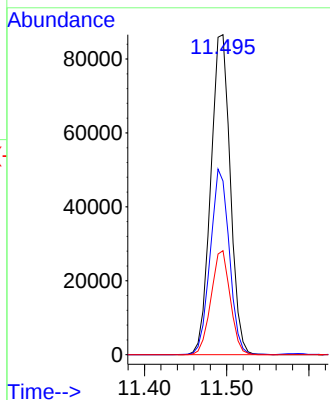
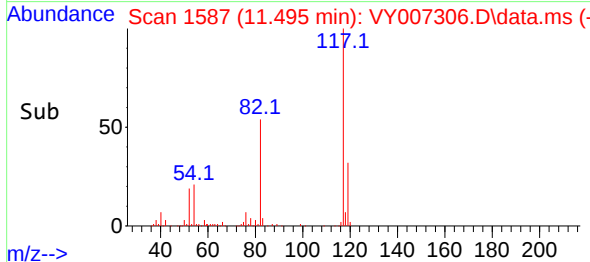
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



Tgt Ion:117 Resp: 142540
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 32.5 26.4 39.6

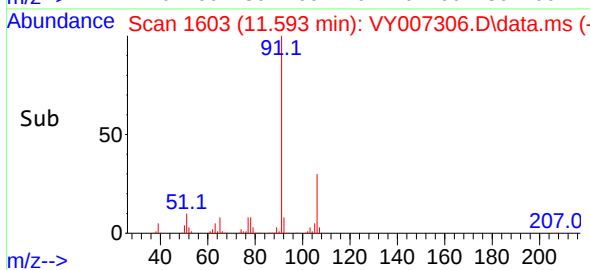
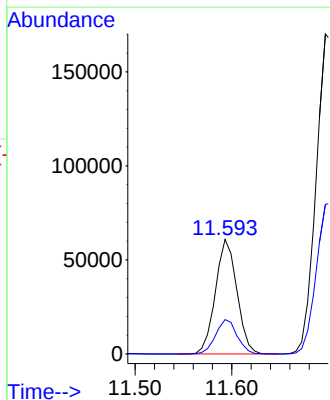
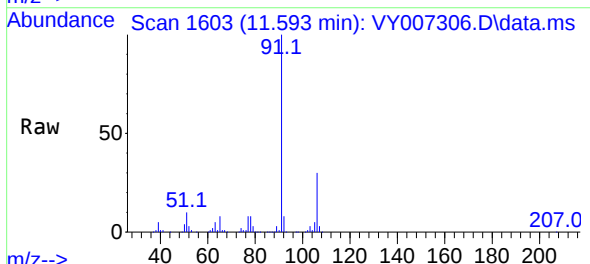
Manual Integrations
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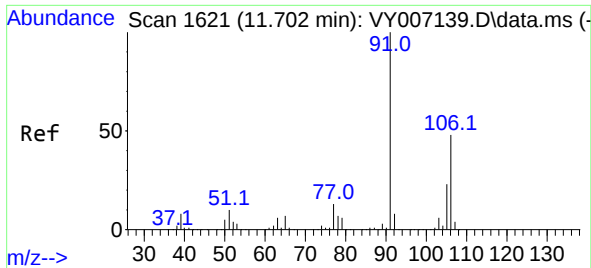
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#67
Ethyl Benzene
Concen: 16.005 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Tgt Ion: 91 Resp: 93757
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9





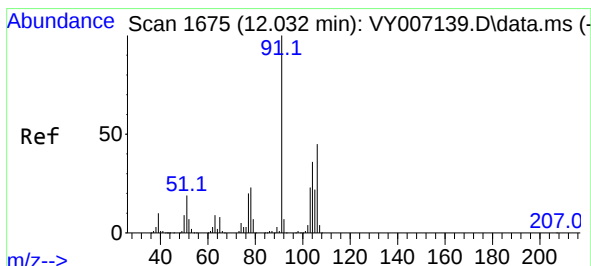
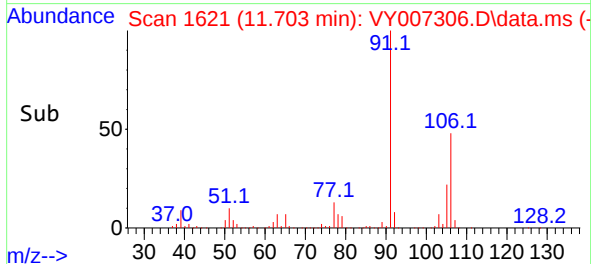
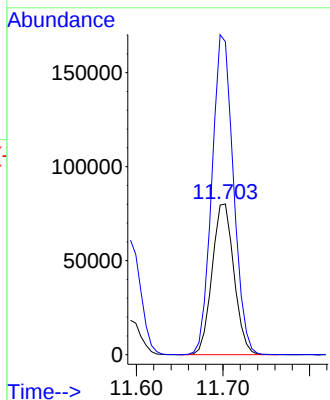
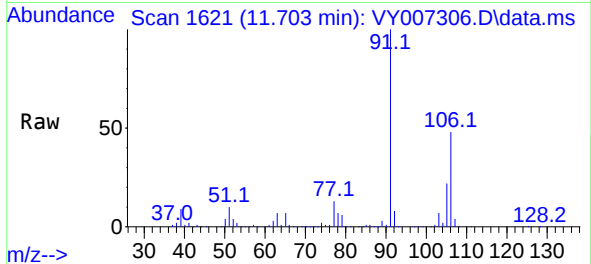
#68
m/p-Xylenes
Concen: 64.639 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Tgt Ion:106 Resp: 140718
Ion Ratio Lower Upper
106 100
91 208.9 167.1 250.7

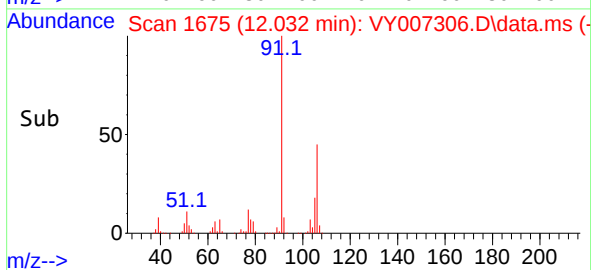
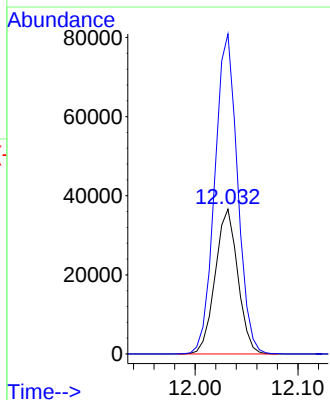
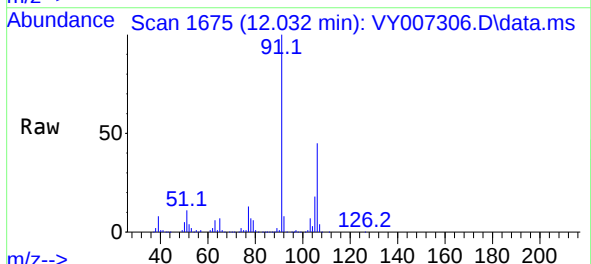
Manual Integrations
APPROVED

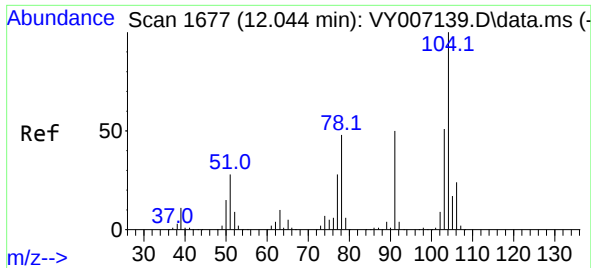
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#69
o-Xylene
Concen: 27.296 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Tgt Ion:106 Resp: 55960
Ion Ratio Lower Upper
106 100
91 222.2 109.9 329.6





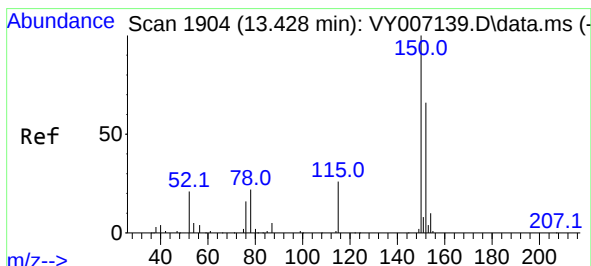
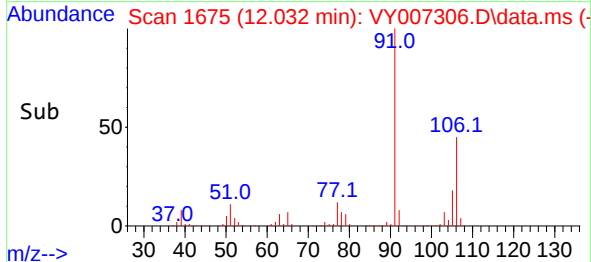
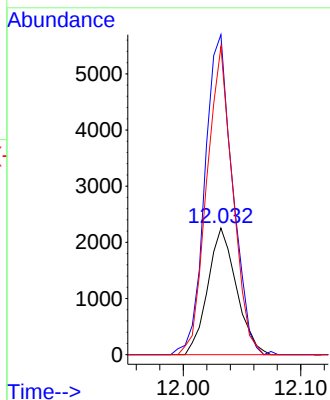
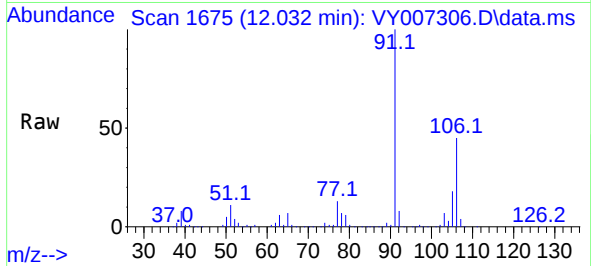
#70
Styrene
Concen: 1.105 ug/l
RT: 12.032 min Scan# 104
Delta R.T. -0.012 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Tgt Ion:104 Resp: 3820
Ion Ratio Lower Upper
104 100
78 244.3 41.4 62.0
103 220.4 44.2 66.2

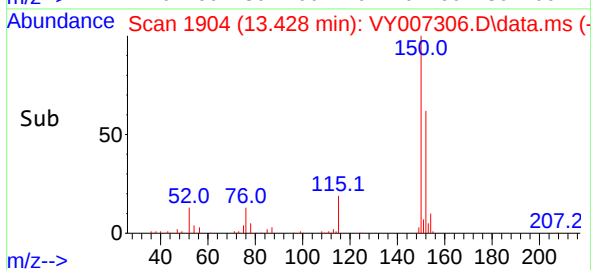
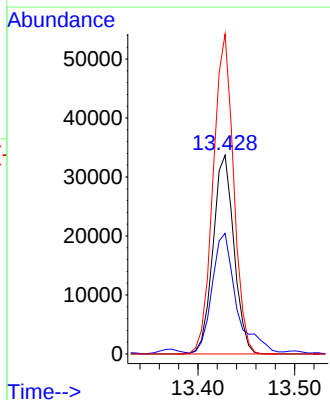
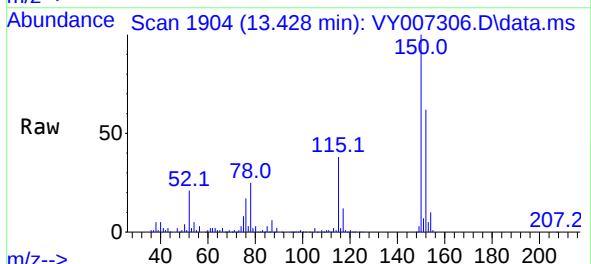
Manual Integrations
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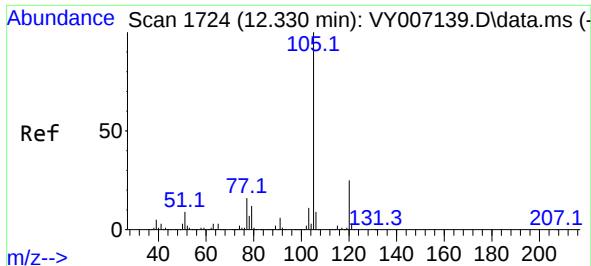
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Tgt Ion:152 Resp: 50610
Ion Ratio Lower Upper
152 100
115 70.9 31.4 94.0
150 157.4 0.0 348.4





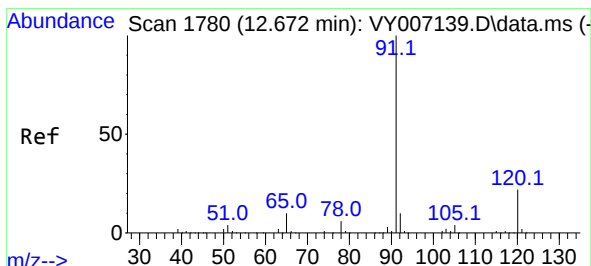
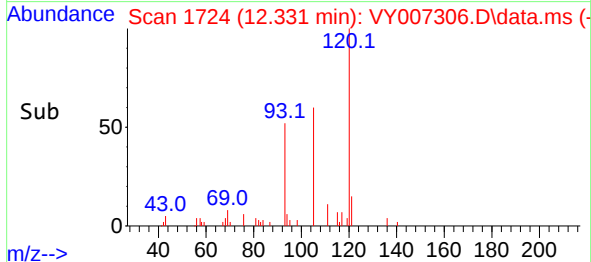
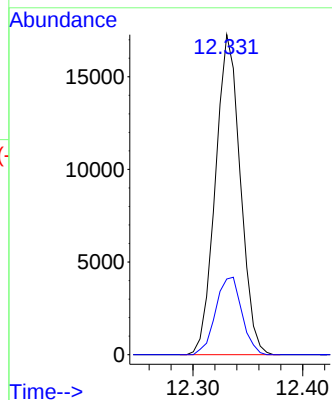
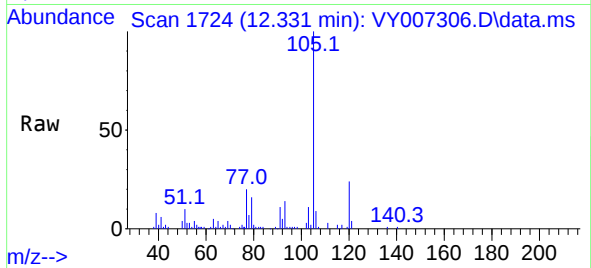
#73
Isopropylbenzene
Concen: 6.247 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Tgt Ion:105 Resp: 27300
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

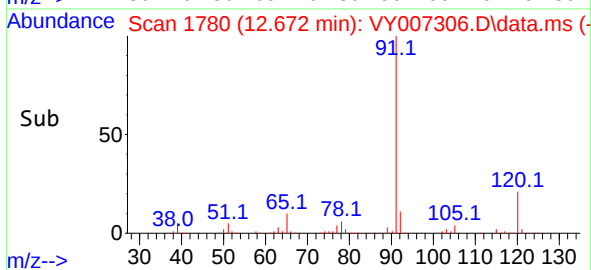
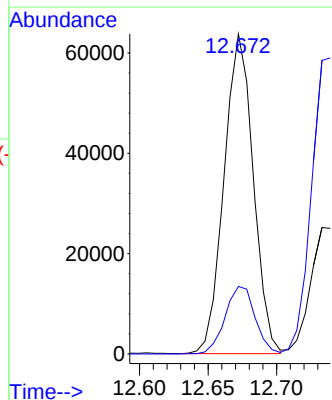
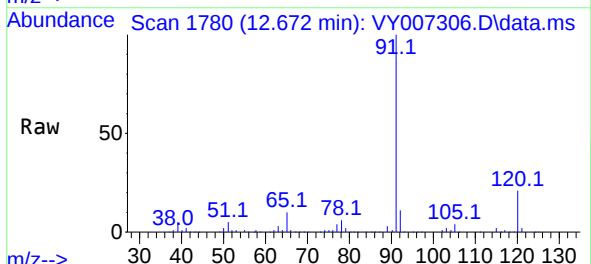
Manual Integrations
APPROVED

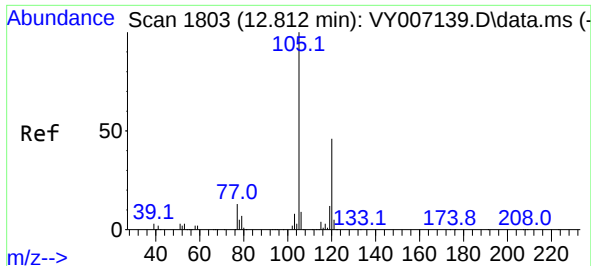
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#78
n-propylbenzene
Concen: 17.417 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

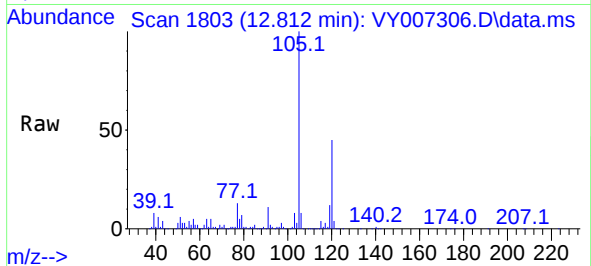
Tgt Ion: 91 Resp: 94378
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5





#80
1,3,5-Trimethylbenzene
Concen: 47.874 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58

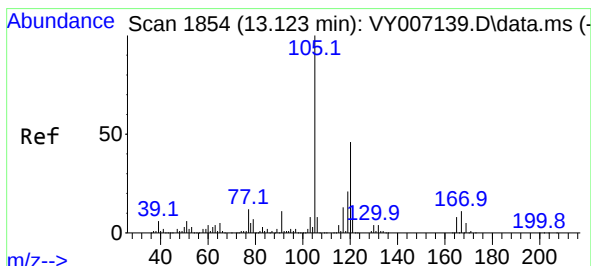
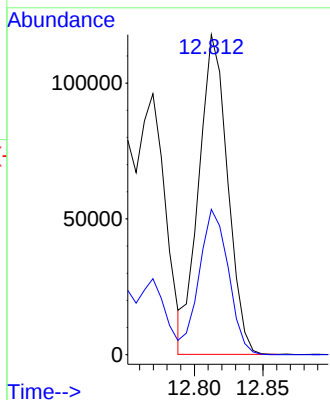
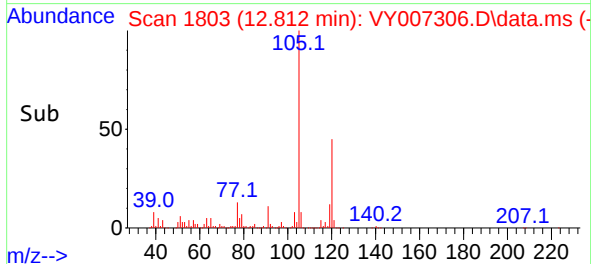
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2



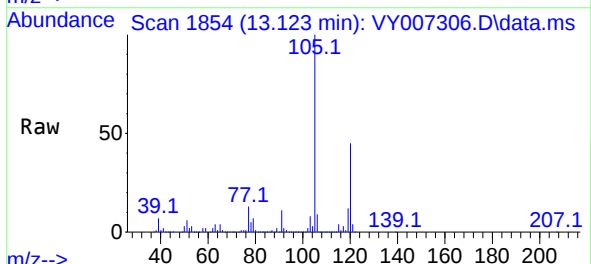
Tgt Ion:105 Resp: 171820
Ion Ratio Lower Upper
105 100
120 46.4 23.7 71.1

Manual Integrations
APPROVED

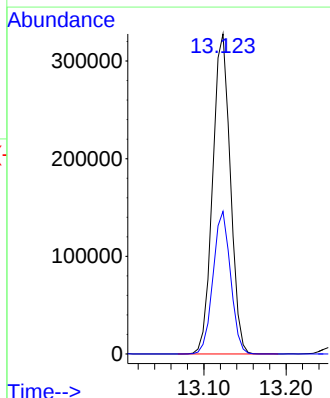
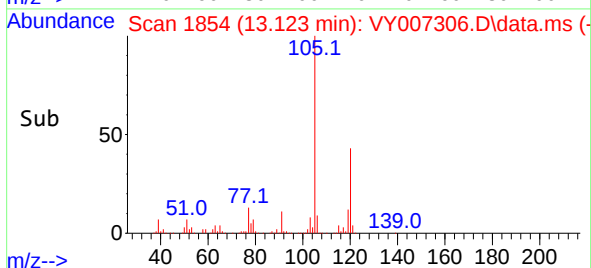
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

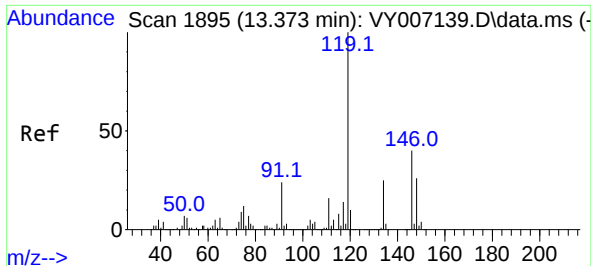


#84
1,2,4-Trimethylbenzene
Concen: 137.390 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007306.D
Acq: 26 Jan 2022 14:58



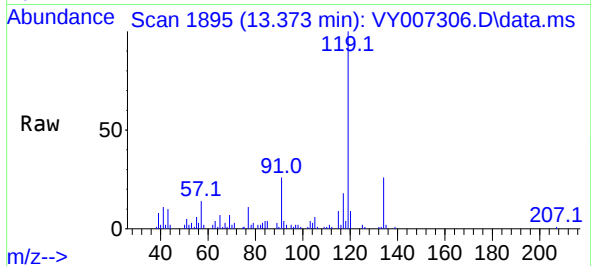
Tgt Ion:105 Resp: 488779
Ion Ratio Lower Upper
105 100
120 44.1 21.6 64.6





#86
 p-Isopropyltoluene
 Concen: 3.680 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007306.D
 Acq: 26 Jan 2022 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 C1-C2



Tgt Ion:	119	Resp:	1403
Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	23.8	12.4	37.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

