

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030822\  
 Data File : VY007776.D  
 Acq On : 08 Mar 2022 13:44  
 Operator : SY/MD  
 Sample : N1774-03  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 DRUM-COMP-B

Quant Time: Mar 09 00:26:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 01 09:08:03 2022  
 Response via : Initial Calibration

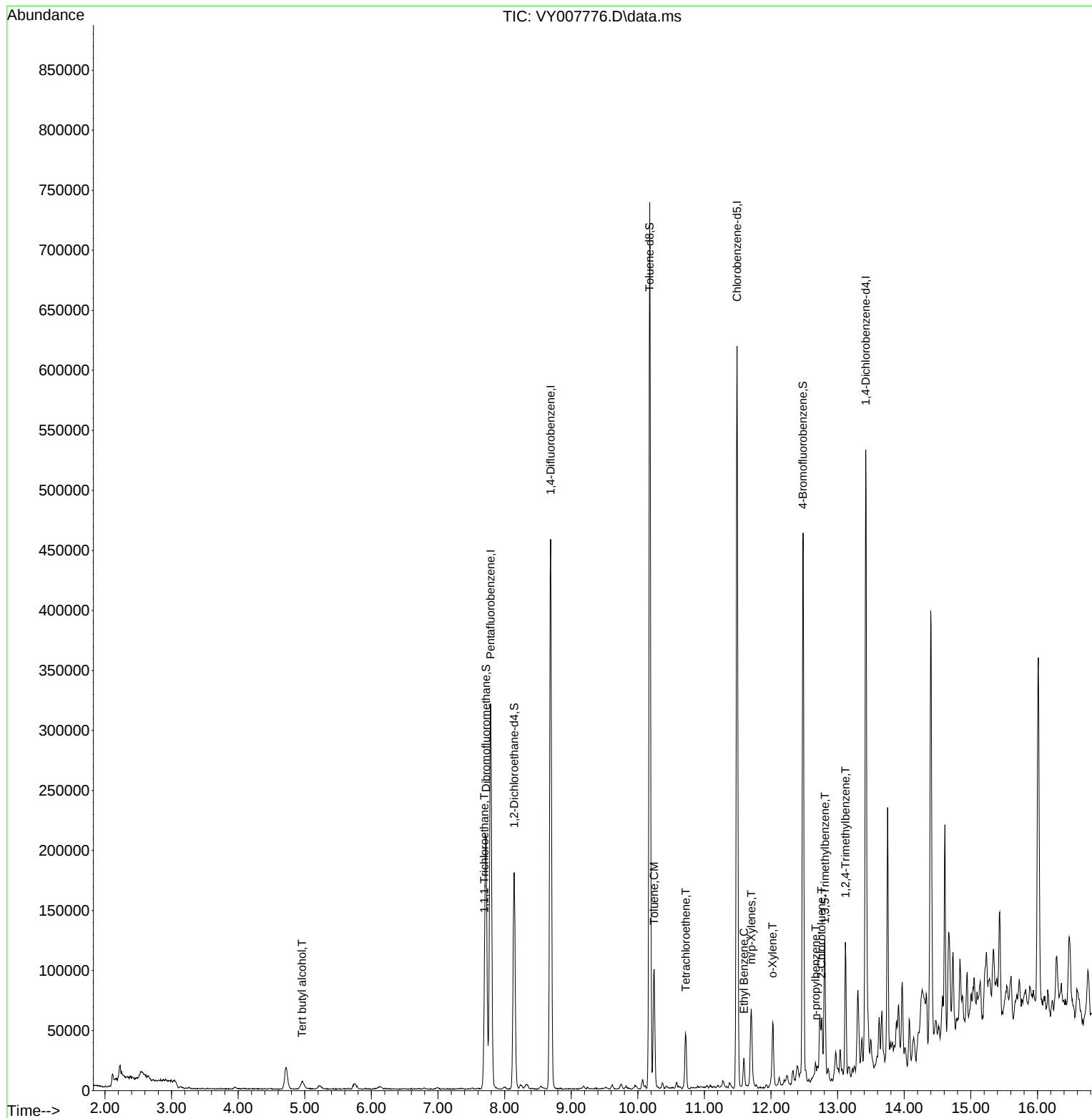
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.789     | 168   | 255563   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691     | 114   | 392902   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.490    | 117   | 326772   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422    | 152   | 126398   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.143     | 65    | 136642   | 51.071   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 102.140% |          |
| 35) Dibromofluoromethane    | 7.722     | 113   | 131884   | 52.503   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 105.000% |          |
| 50) Toluene-d8              | 10.179    | 98    | 465208   | 50.311   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | = 100.620% |          |
| 62) 4-Bromofluorobenzene    | 12.477    | 95    | 124194   | 41.668   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | = 83.340%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 4.960     | 59    | 11980    | 51.718   | ug/l #     | 94       |
| 32) 1,1,1-Trichloroethane   | 7.697     | 97    | 24567    | 5.171    | ug/l       | 96       |
| 52) Toluene                 | 10.246    | 92    | 39880    | 5.608    | ug/l       | 96       |
| 64) Tetrachloroethene       | 10.721    | 164   | 10173    | 4.200    | ug/l       | 87       |
| 67) Ethyl Benzene           | 11.593    | 91    | 14321    | 1.115    | ug/l       | 97       |
| 68) m/p-Xylenes             | 11.703    | 106   | 16927    | 3.436    | ug/l       | 93       |
| 69) o-Xylene                | 12.026    | 106   | 13612    | 2.916    | ug/l       | 90       |
| 78) n-propylbenzene         | 12.672    | 91    | 12072    | 1.016    | ug/l       | 89       |
| 79) 2-Chlorotoluene         | 12.758    | 91    | 13904    | 2.187    | ug/l       | 76       |
| 80) 1,3,5-Trimethylbenzene  | 12.812    | 105   | 22112    | 2.808    | ug/l       | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.117    | 105   | 56069    | 7.229    | ug/l       | 99       |
| -----                       |           |       |          |          |            |          |

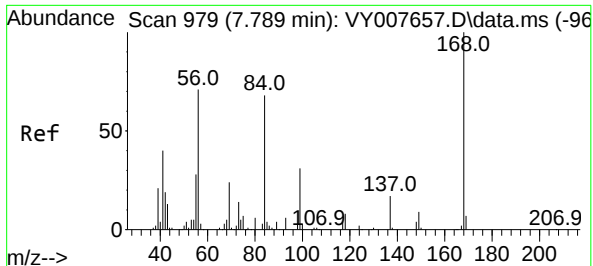
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030822\  
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Sample : N1774-03  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
DRUM-COMP-B

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Quant Title : SW846 8260  
QLast Update : Tue Mar 01 09:08:03 2022  
Response via : Initial Calibration

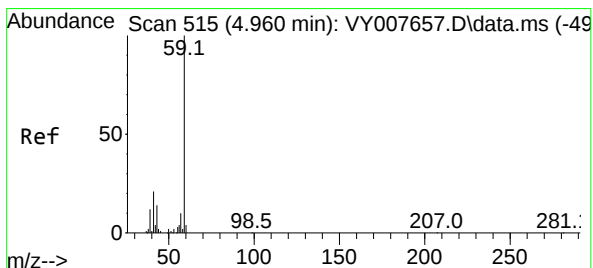
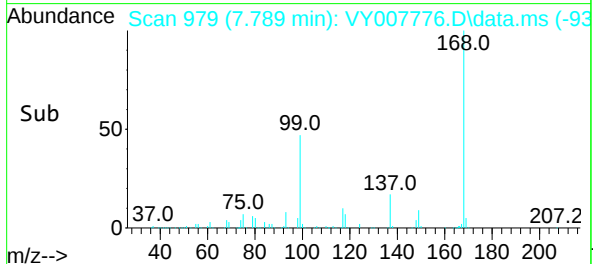
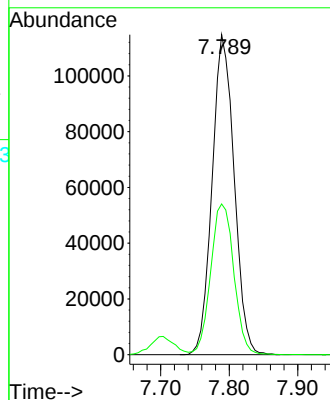
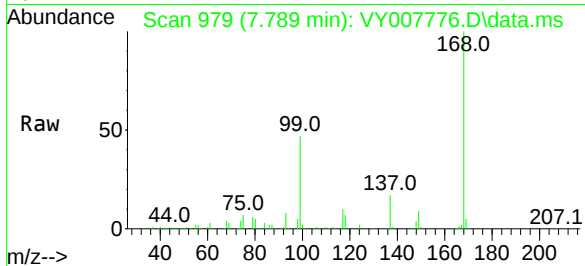




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

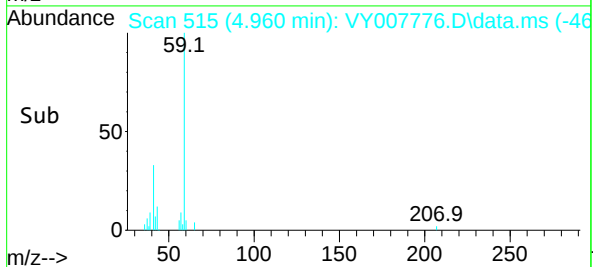
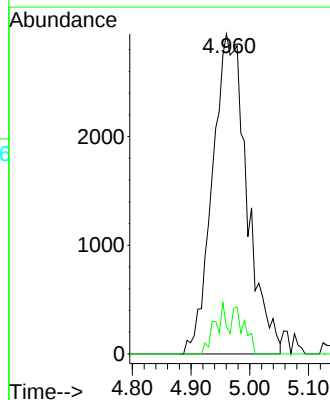
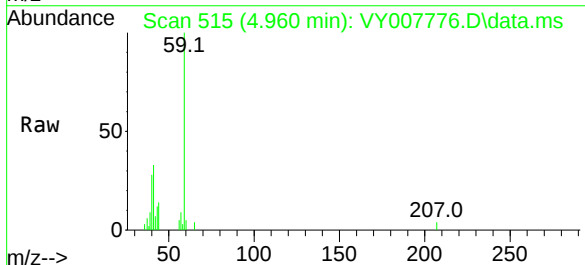
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MSVOA\_Y  
ClientSampleId :  
DRUM-COMP-B

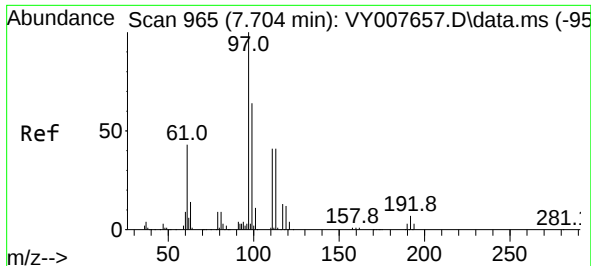
Tgt Ion:168 Resp: 255563  
Ion Ratio Lower Upper  
168 100  
99 47.0 46.9 70.3



#11  
Tert butyl alcohol  
Concen: 51.718 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 59 Resp: 11980  
Ion Ratio Lower Upper  
59 100  
57 5.7 6.4 9.6#

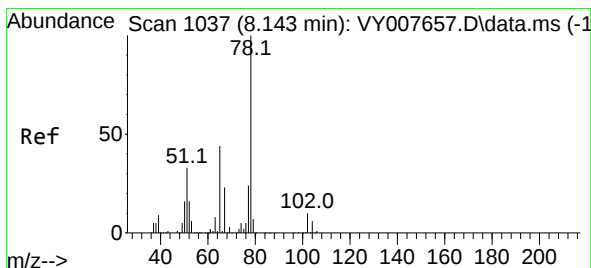
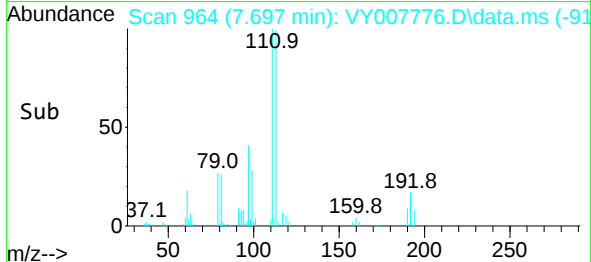
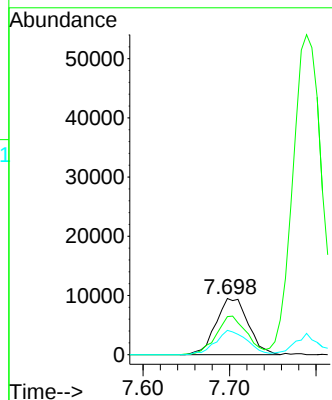
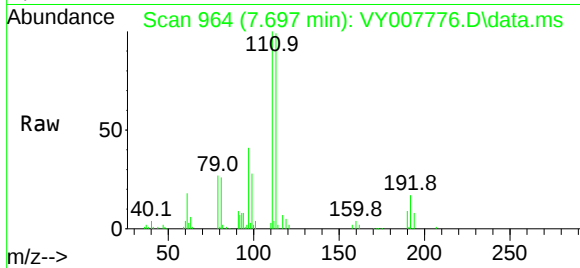




#32  
1,1,1-Trichloroethane  
Concen: 5.171 ug/l  
RT: 7.697 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

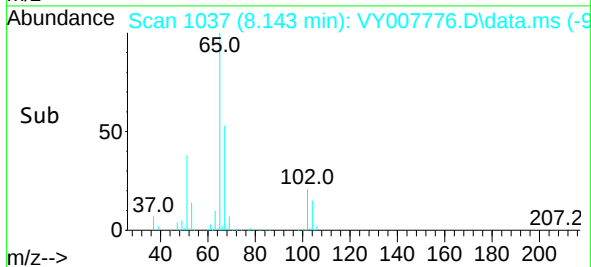
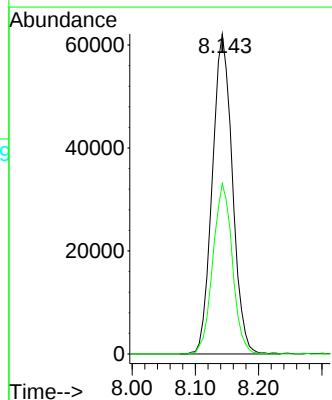
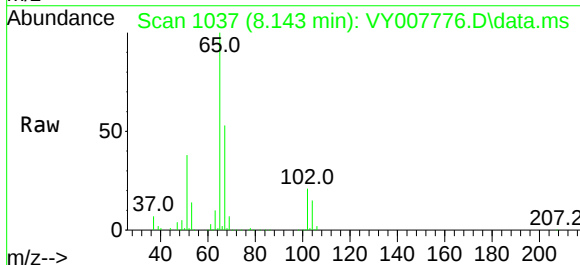
Instrument :  
MSVOA\_Y  
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DRUM-COMP-B

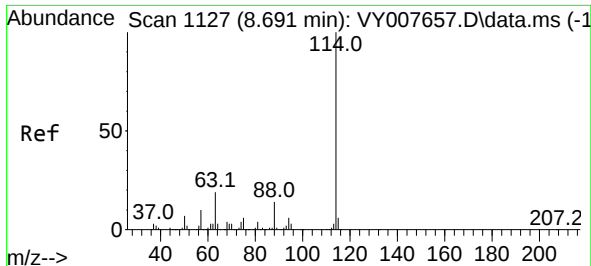
Tgt Ion: 97 Resp: 24567  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.7 76.1  
61 42.3 37.6 56.4



#33  
1,2-Dichloroethane-d4  
Concen: 51.071 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 65 Resp: 136642  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007776.D

Acq: 08 Mar 2022 13:44

Instrument :

MSVOA\_Y

ClientSampleId :

DRUM-COMP-B

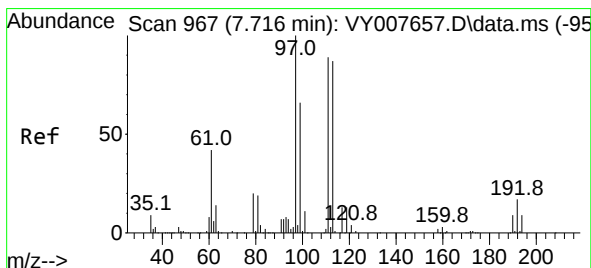
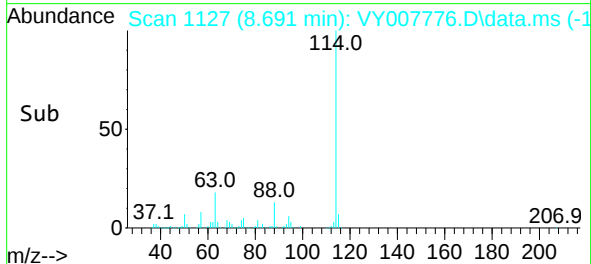
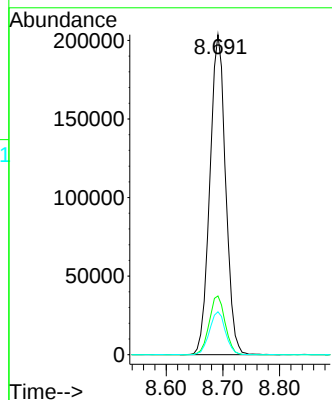
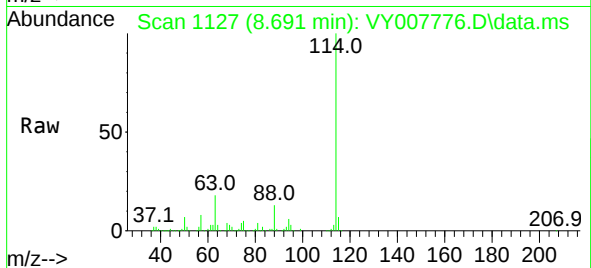
Tgt Ion:114 Resp: 392902

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.503 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007776.D

Acq: 08 Mar 2022 13:44

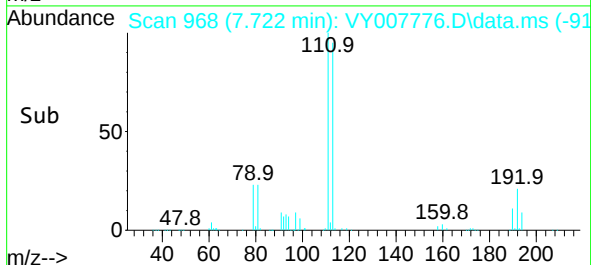
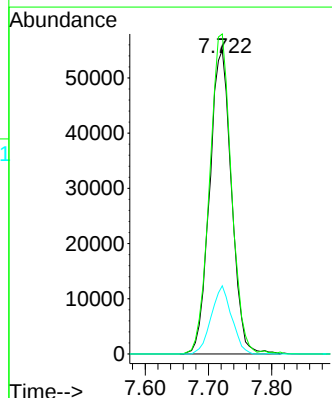
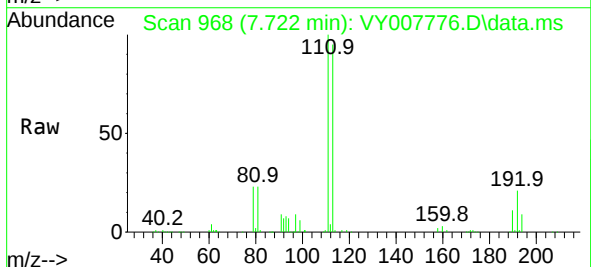
Tgt Ion:113 Resp: 131884

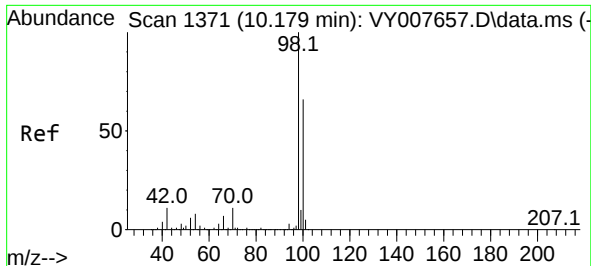
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 21.0 17.6 26.4

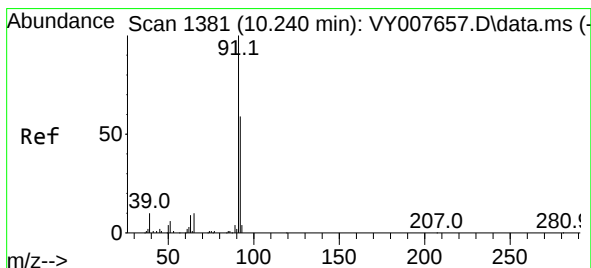
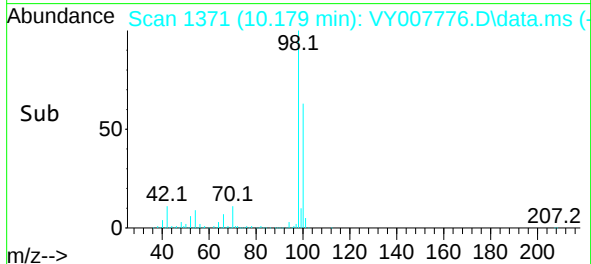
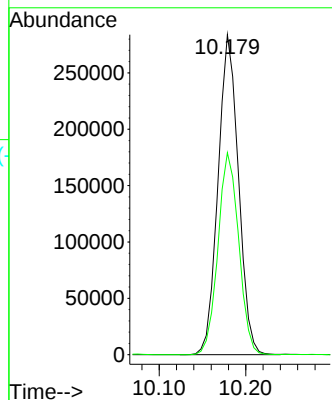
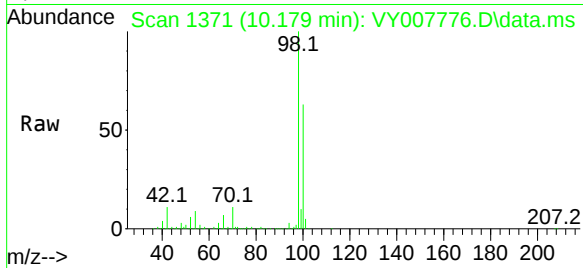




#50  
Toluene-d8  
Concen: 50.311 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

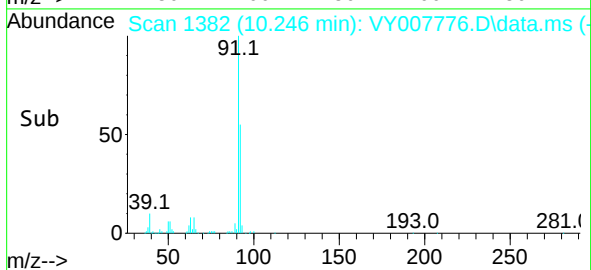
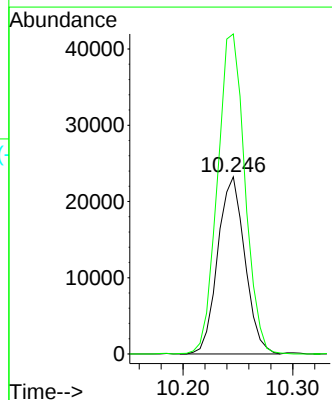
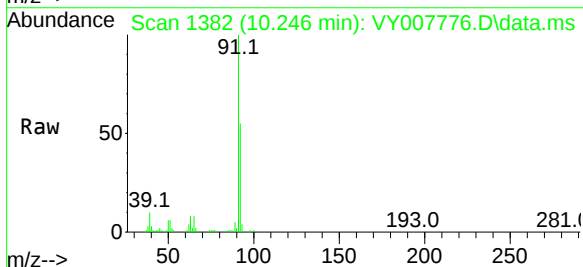
Instrument :  
MSVOA\_Y  
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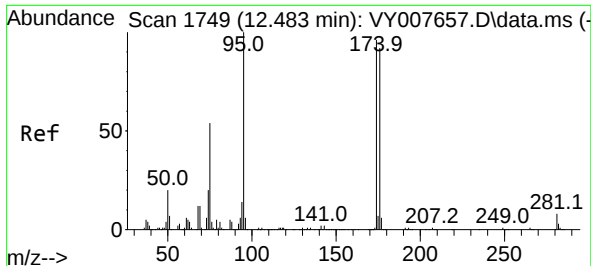
Tgt Ion: 98 Resp: 465208  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.2 75.2



#52  
Toluene  
Concen: 5.608 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 92 Resp: 39880  
Ion Ratio Lower Upper  
92 100  
91 183.3 142.6 213.8

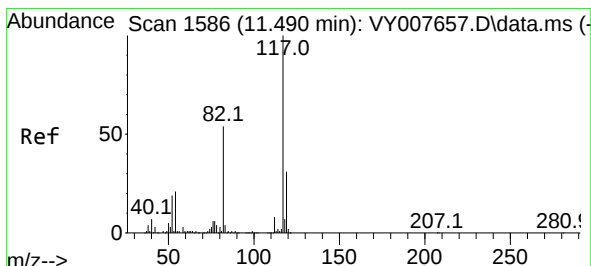
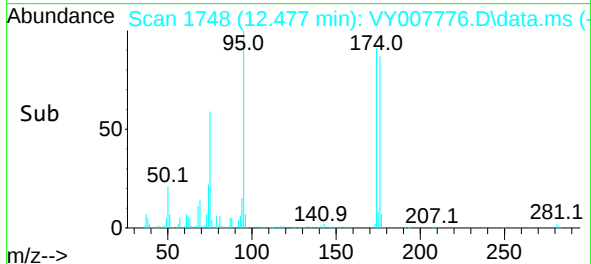
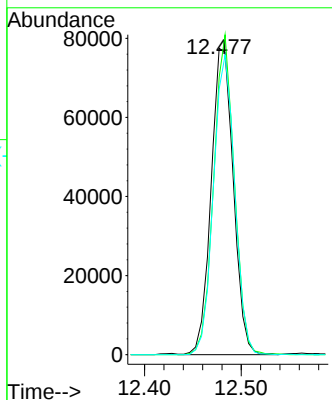
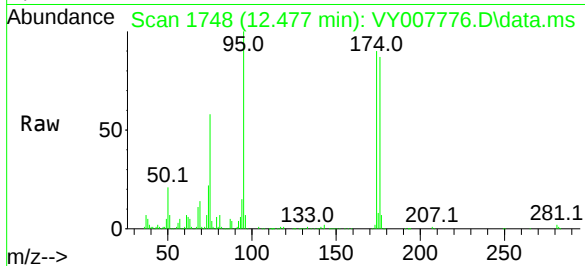




#62  
4-Bromofluorobenzene  
Concen: 41.668 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

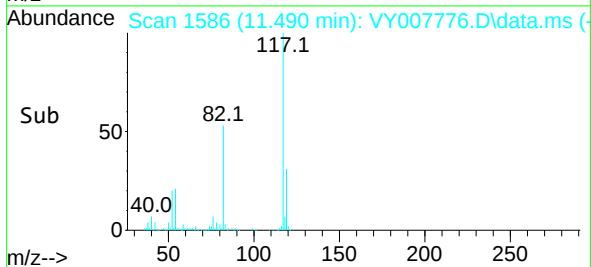
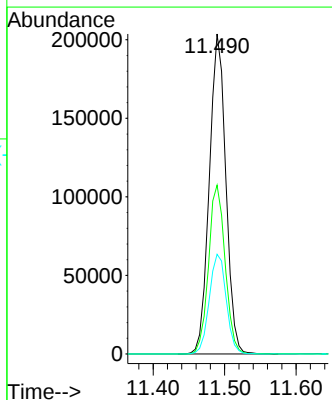
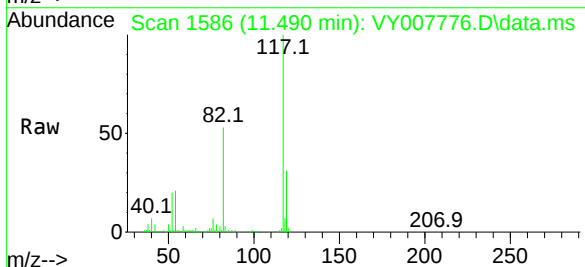
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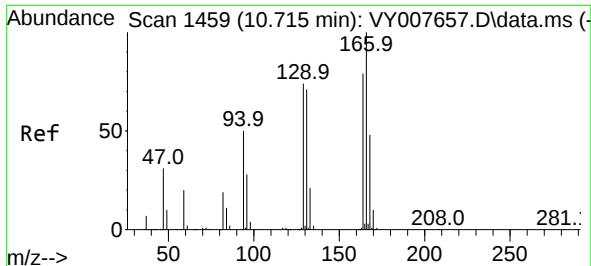
Tgt Ion: 95 Resp: 124194  
Ion Ratio Lower Upper  
95 100  
174 96.5 0.0 177.0  
176 93.3 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 117 Resp: 326772  
Ion Ratio Lower Upper  
117 100  
82 52.8 43.0 64.4  
119 31.1 25.4 38.0

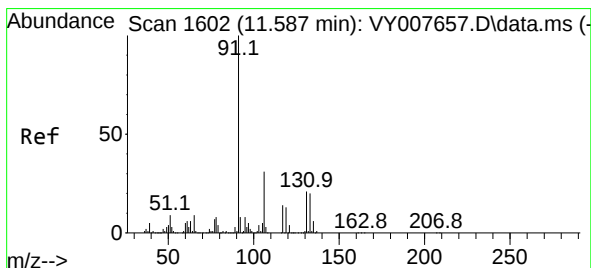
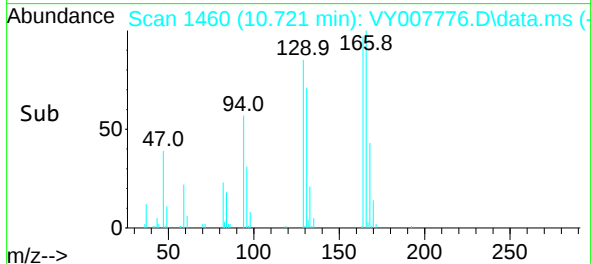
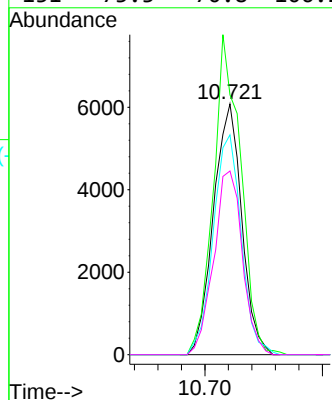
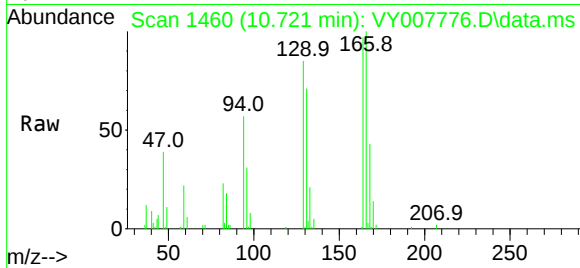




#64  
Tetrachloroethene  
Concen: 4.200 ug/l  
RT: 10.721 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

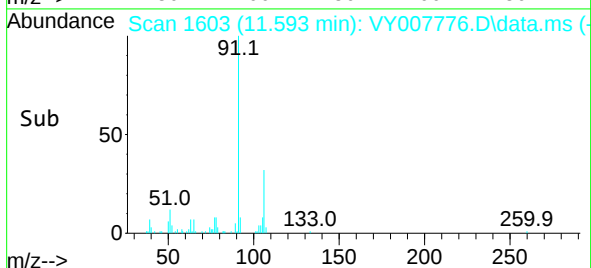
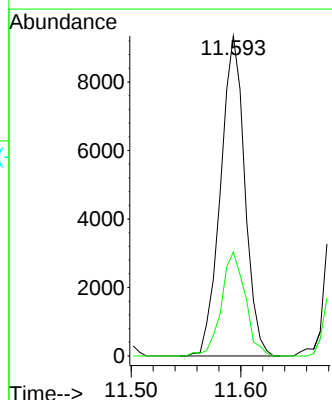
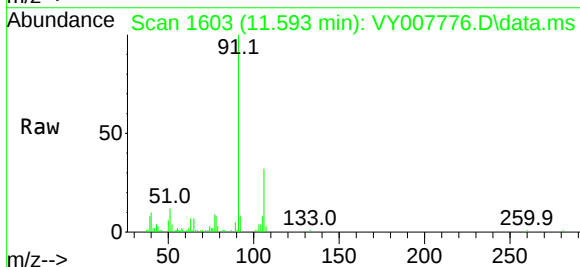
Instrument :  
MSVOA\_Y  
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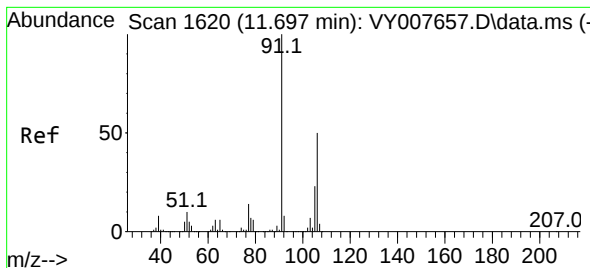
Tgt Ion:164 Resp: 10173  
Ion Ratio Lower Upper  
164 100  
166 103.6 100.4 150.6  
129 87.7 71.4 107.0  
131 73.3 70.8 106.2



#67  
Ethyl Benzene  
Concen: 1.115 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 91 Resp: 14321  
Ion Ratio Lower Upper  
91 100  
106 32.4 24.5 36.7

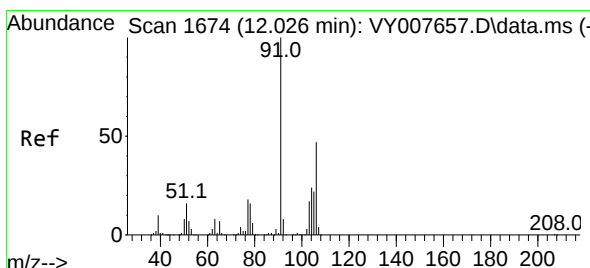
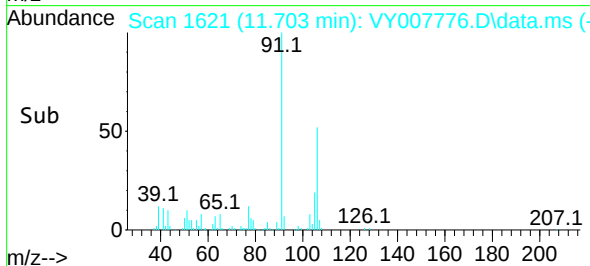
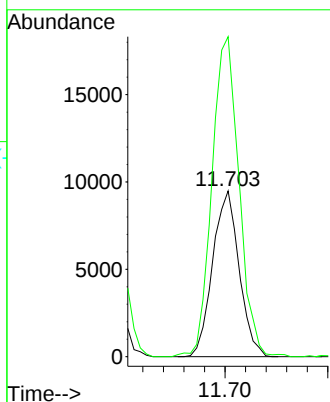
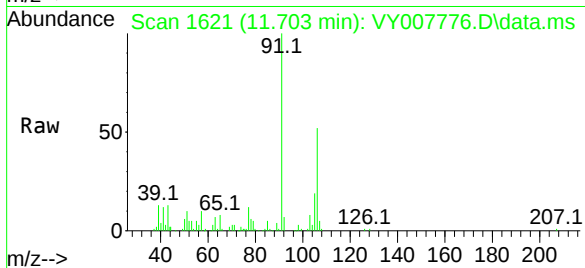




#68  
m/p-Xylenes  
Concen: 3.436 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

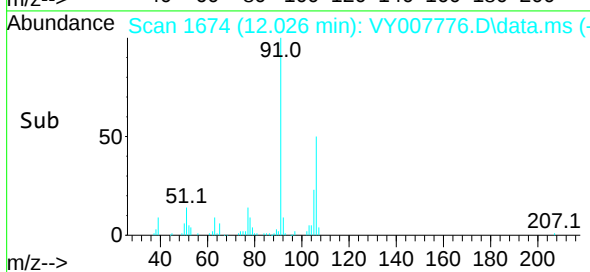
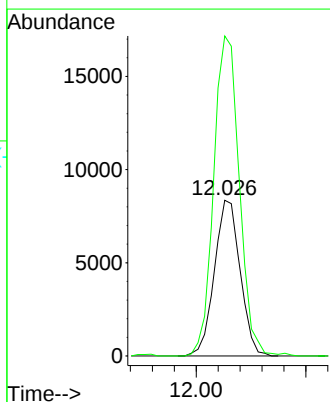
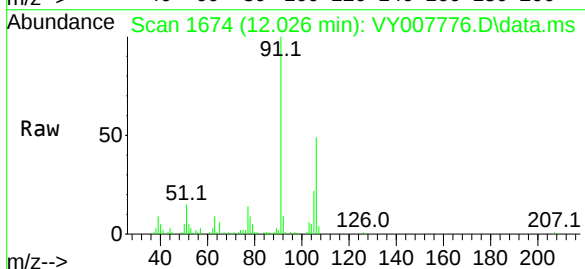
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DRUM-COMP-B

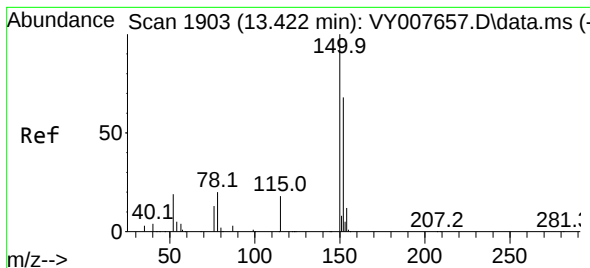
Tgt Ion:106 Resp: 16927  
Ion Ratio Lower Upper  
106 100  
91 197.2 166.6 249.8



#69  
o-Xylene  
Concen: 2.916 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion:106 Resp: 13612  
Ion Ratio Lower Upper  
106 100  
91 204.7 110.3 331.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007776.D

Acq: 08 Mar 2022 13:44

Instrument :

MSVOA\_Y

ClientSampleId :

DRUM-COMP-B

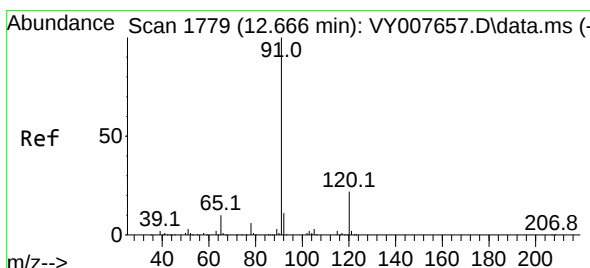
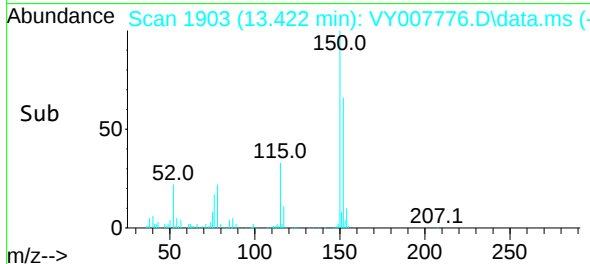
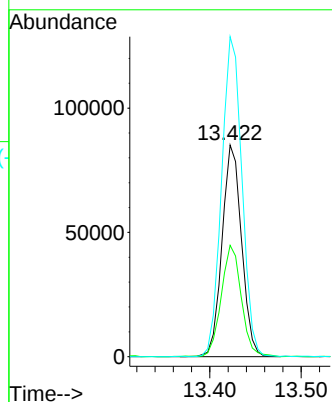
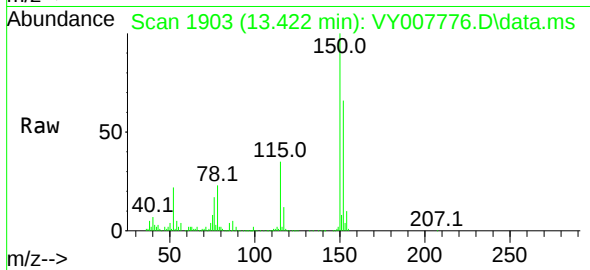
Tgt Ion:152 Resp: 126398

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 157.6 0.0 347.6



#78

n-propylbenzene

Concen: 1.016 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY007776.D

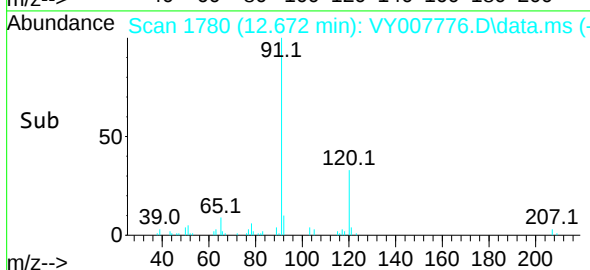
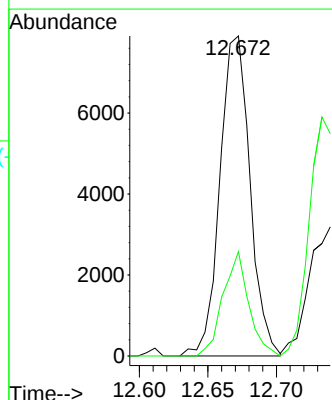
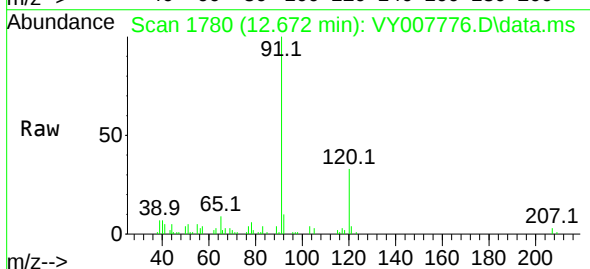
Acq: 08 Mar 2022 13:44

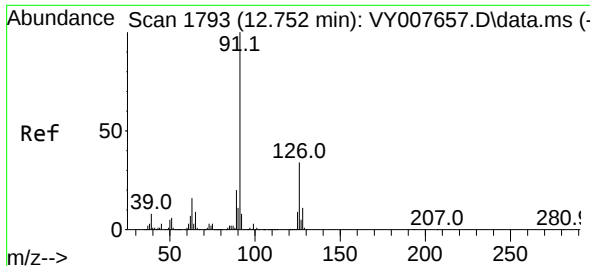
Tgt Ion: 91 Resp: 12072

Ion Ratio Lower Upper

91 100

120 27.9 11.3 33.9

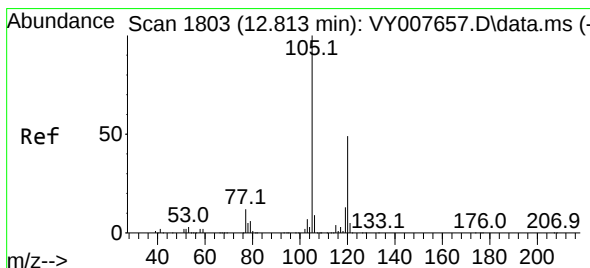
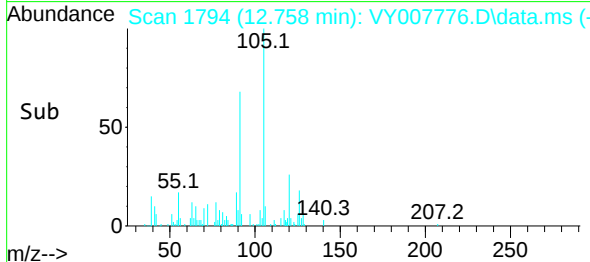
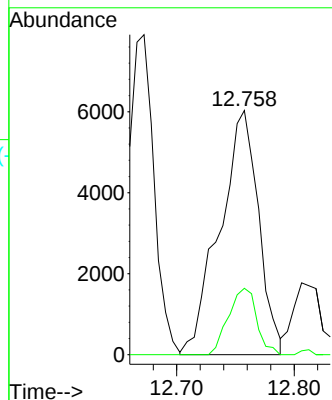
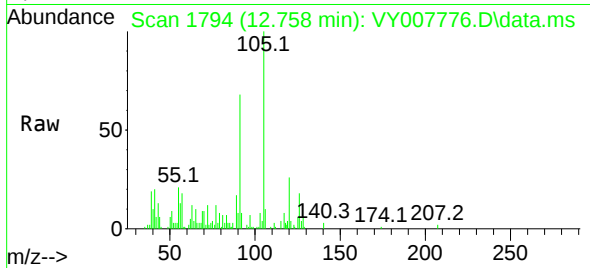




#79  
2-Chlorotoluene  
Concen: 2.187 ug/l  
RT: 12.758 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

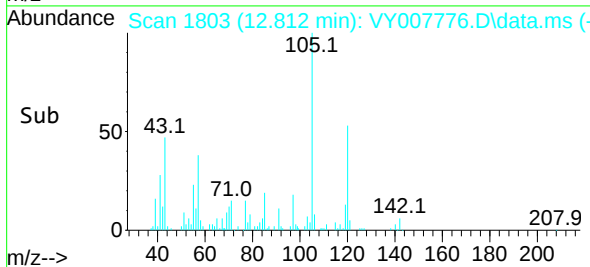
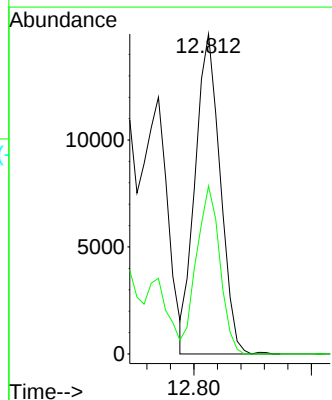
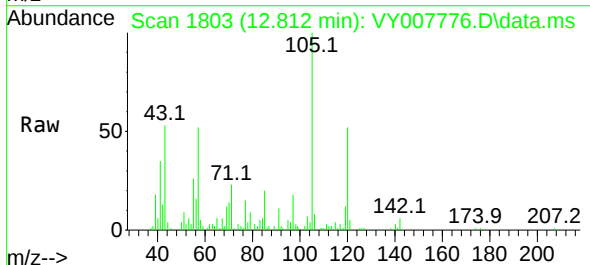
Instrument :  
MSVOA\_Y  
ClientSampleId :  
DRUM-COMP-B

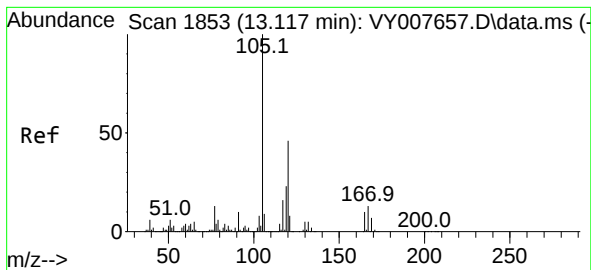
Tgt Ion: 91 Resp: 13904  
Ion Ratio Lower Upper  
91 100  
126 19.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 2.808 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.001 min  
Lab File: VY007776.D  
Acq: 08 Mar 2022 13:44

Tgt Ion: 105 Resp: 22112  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.4 73.4





#84  
 1,2,4-Trimethylbenzene  
 Concen: 7.229 ug/l  
 RT: 13.117 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY007776.D  
 Acq: 08 Mar 2022 13:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 DRUM-COMP-B

Tgt Ion:105 Resp: 56069  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.3 66.9

