

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031722\  
 Data File : VY007890.D  
 Acq On : 17 Mar 2022 21:23  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 18 08:58:36 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

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 283157   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 486332   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 435445   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 211506   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 142438   | 44.119   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 88.240% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 150226   | 43.984   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 87.960% |
| 50) Toluene-d8              | 10.179 | 98    | 510792   | 49.496   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 99.000% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 199945   | 40.790   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 81.580% |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 92126   | 49.973  | ug/l   | 97 |
| 3) Chloromethane             | 2.113 | 50  | 123372  | 54.622  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.247 | 62  | 152299  | 53.421  | ug/l   | 99 |
| 5) Bromomethane              | 2.650 | 94  | 113314  | 60.844  | ug/l   | 99 |
| 6) Chloroethane              | 2.790 | 64  | 109329  | 47.214  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 234108  | 45.094  | ug/l   | 94 |
| 8) Diethyl Ether             | 3.528 | 74  | 92288   | 47.898  | ug/l   | 83 |
| 9) 1,1,2-Trichlorotrifluo... | 3.900 | 101 | 155474  | 46.365  | ug/l   | 93 |
| 10) Methyl Iodide            | 4.089 | 142 | 154551  | 49.861  | ug/l   | 88 |
| 11) Tert butyl alcohol       | 4.948 | 59  | 87763   | 233.340 | ug/l # | 93 |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 137304  | 44.656  | ug/l   | 82 |
| 13) Acrolein                 | 3.729 | 56  | 24870   | 109.784 | ug/l   | 97 |
| 14) Allyl chloride           | 4.479 | 41  | 233860  | 45.220  | ug/l # | 92 |
| 15) Acrylonitrile            | 5.162 | 53  | 247908  | 241.430 | ug/l   | 97 |
| 16) Acetone                  | 3.942 | 43  | 175251  | 204.618 | ug/l   | 90 |
| 17) Carbon Disulfide         | 4.192 | 76  | 290009  | 49.406  | ug/l   | 98 |
| 18) Methyl Acetate           | 4.473 | 43  | 104599  | 51.484  | ug/l # | 90 |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 478322  | 49.595  | ug/l   | 98 |
| 20) Methylene Chloride       | 4.716 | 84  | 185847  | 56.543  | ug/l   | 86 |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 153926  | 44.718  | ug/l   | 87 |
| 22) Diisopropyl ether        | 6.119 | 45  | 552567  | 49.664  | ug/l # | 92 |
| 23) Vinyl Acetate            | 6.058 | 43  | 1802705 | 258.687 | ug/l # | 92 |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 307956  | 49.140  | ug/l   | 99 |
| 25) 2-Butanone               | 6.984 | 43  | 307532  | 224.168 | ug/l # | 84 |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 263792  | 45.416  | ug/l   | 93 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 200843  | 48.611  | ug/l   | 87 |
| 28) Bromochloromethane       | 7.332 | 49  | 128981  | 52.107  | ug/l # | 83 |
| 29) Tetrahydrofuran          | 7.344 | 42  | 203027  | 230.969 | ug/l # | 87 |
| 30) Chloroform               | 7.503 | 83  | 325791  | 50.295  | ug/l   | 98 |
| 31) Cyclohexane              | 7.783 | 56  | 235964  | 50.294  | ug/l   | 92 |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 281462  | 48.243  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 218302  | 43.093  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.076 | 43  | 139728  | 45.204  | ug/l # | 93 |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 243855  | 45.048  | ug/l   | 99 |
| 39) Methylcyclohexane        | 9.179 | 83  | 266153  | 47.259  | ug/l   | 91 |
| 40) Benzene                  | 8.155 | 78  | 667104  | 45.064  | ug/l   | 96 |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 192449   | 100.955 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 201476   | 47.007  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 273162   | 45.840  | ug/l # | 91       |
| 44) Trichloroethene           | 8.935  | 130  | 184808   | 45.147  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 178663   | 46.611  | ug/l   | 94       |
| 46) Dibromomethane            | 9.301  | 93   | 104769   | 46.723  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 261639   | 48.298  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 119612   | 45.122  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 29453    | 927.450 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 720966   | 229.634 | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 428934   | 45.118  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 268025   | 46.380  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 299294   | 46.443  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 153609   | 47.152  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 217489   | 46.503  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 256600   | 47.233  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 527180   | 229.778 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 494909   | 220.431 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.984 | 129  | 189719   | 48.624  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 146252   | 46.405  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 147410   | 43.503  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 477871   | 45.812  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 190688   | 48.554  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 841889   | 45.309  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 652190   | 89.980  | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 323576   | 46.153  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 556391   | 47.202  | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 118813   | 47.232  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 849359   | 45.623  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 252462   | 45.964  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 186870   | 46.631  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 234089   | 77.650  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 200492   | 47.127  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 1012888  | 45.056  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 584522   | 46.214  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 700800   | 45.774  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 64065    | 44.636  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 592424   | 45.088  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 644286   | 47.026  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 686798   | 45.762  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 940329   | 45.797  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 761970   | 45.712  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 387256   | 46.608  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 389448   | 46.766  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 725530   | 45.355  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 159018   | 47.795  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 357809   | 47.876  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 30520    | 44.268  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 221438   | 46.871  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 114170   | 45.297  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 511003   | 48.480  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 198975   | 47.751  | ug/l   | 98       |

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Sample : VSTDCCC050  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

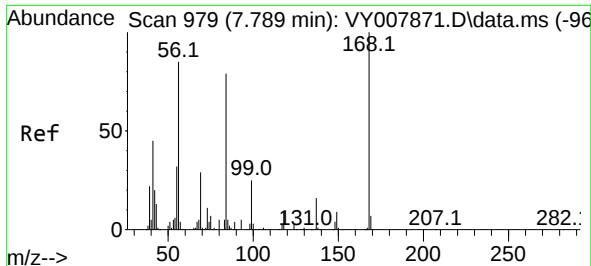
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 13:55:34 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
Quant Title : SW846 8260  
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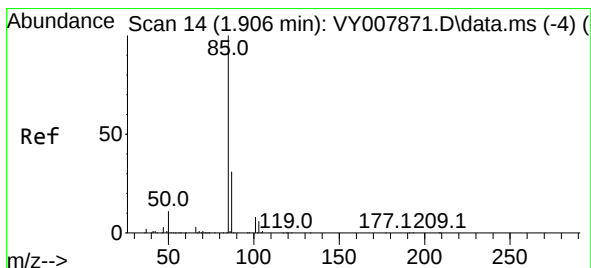
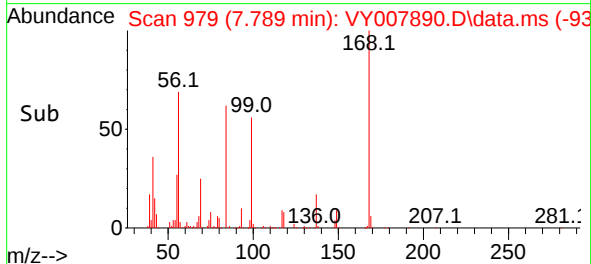
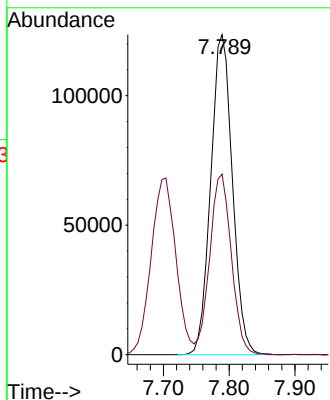
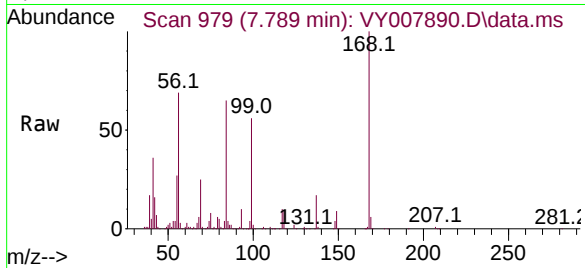




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

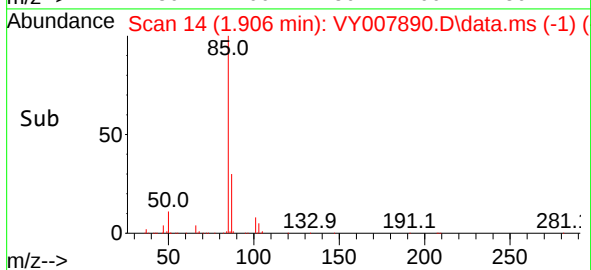
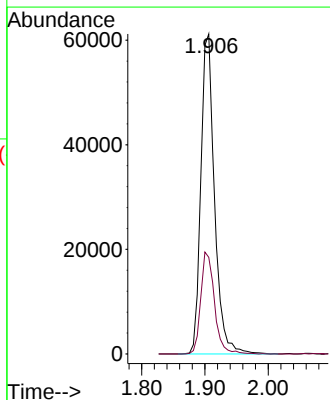
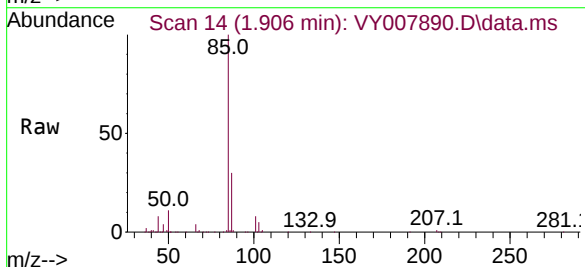
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

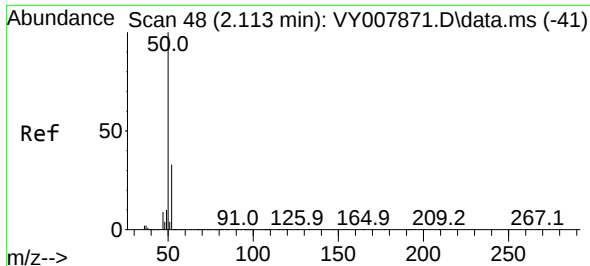
Tgt Ion:168 Resp: 283157  
Ion Ratio Lower Upper  
168 100  
99 56.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 49.973 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 85 Resp: 92126  
Ion Ratio Lower Upper  
85 100  
87 30.2 16.1 48.2

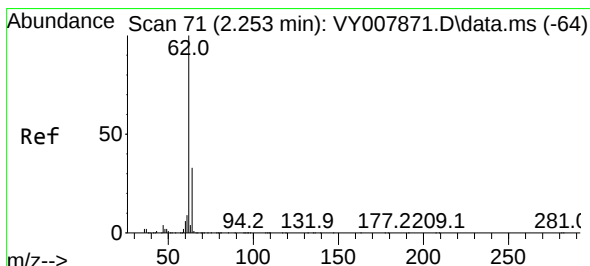
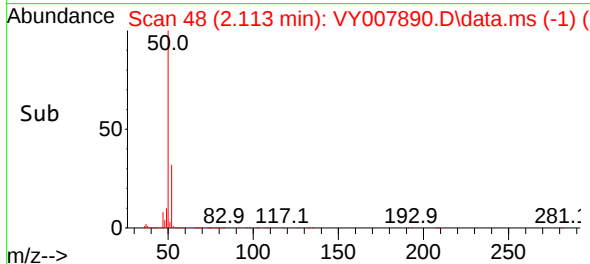
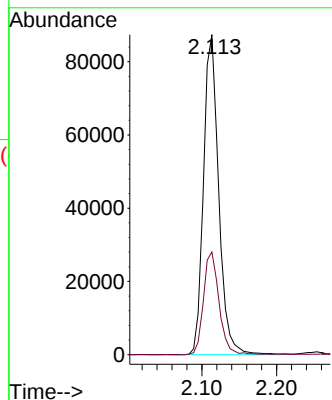
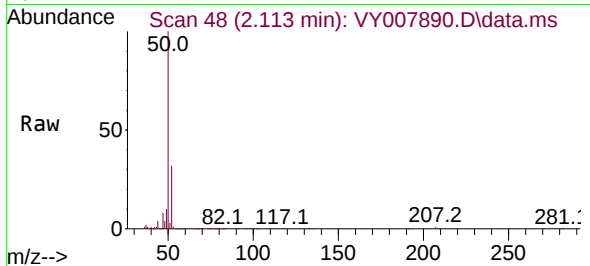




#3  
Chloromethane  
Concen: 54.622 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

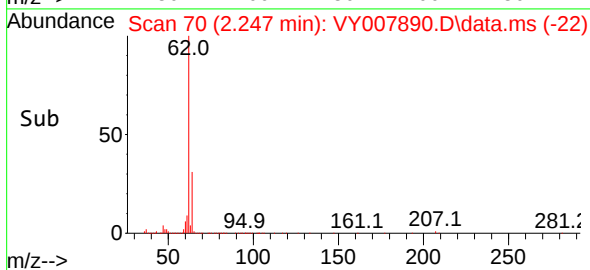
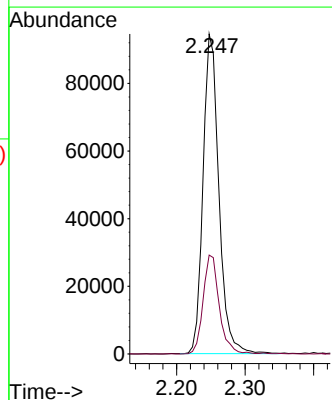
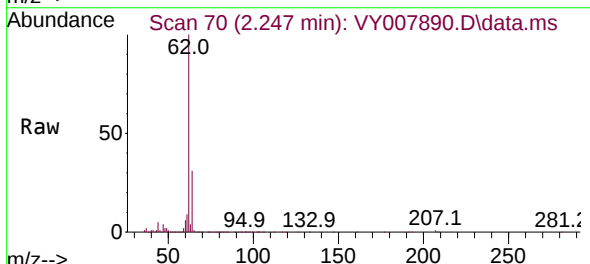
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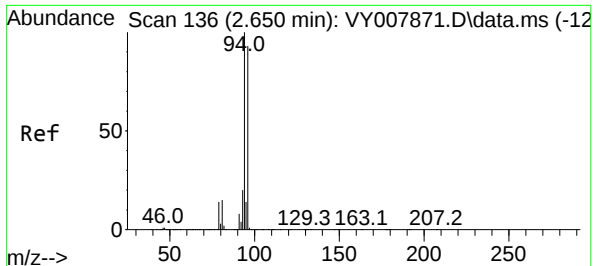
Tgt Ion: 50 Resp: 123372  
Ion Ratio Lower Upper  
50 100  
52 32.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 53.421 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 62 Resp: 152299  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.6

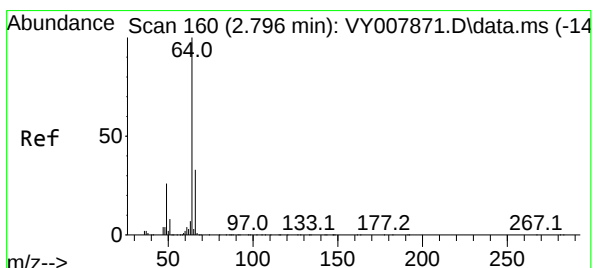
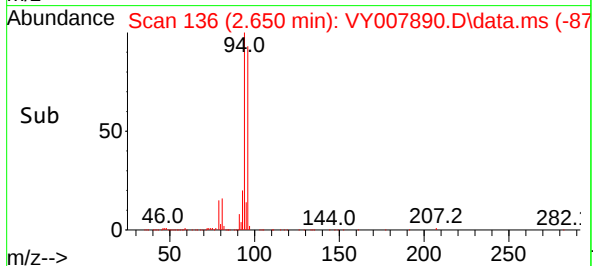
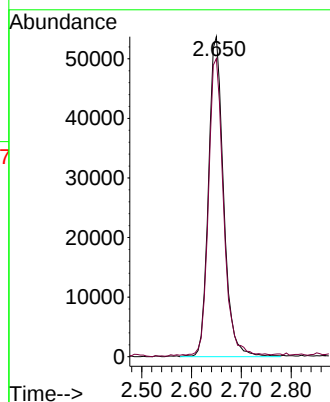
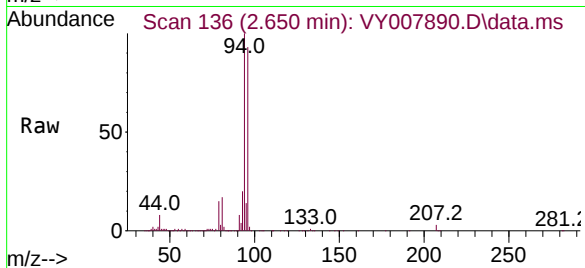




#5  
Bromomethane  
Concen: 60.844 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

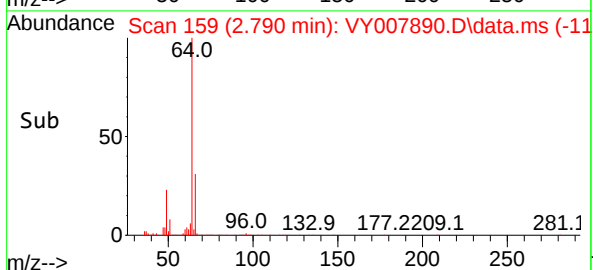
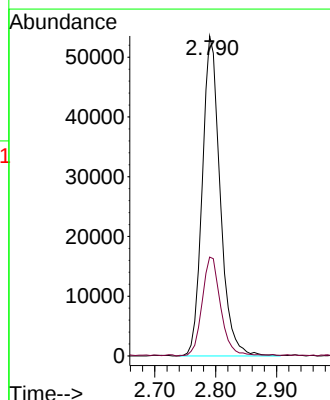
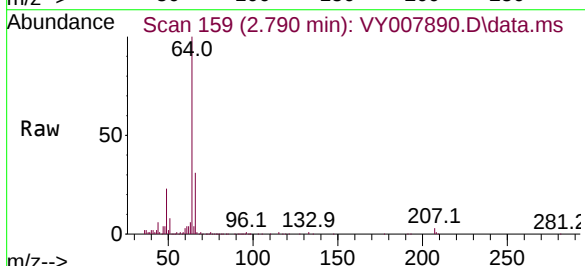
Instrument :  
MSVOA\_Y  
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VSTDCCC050EC

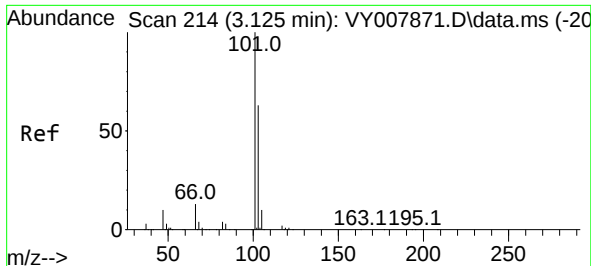
Tgt Ion: 94 Resp: 113314  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.5 110.3



#6  
Chloroethane  
Concen: 47.214 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 64 Resp: 109329  
Ion Ratio Lower Upper  
64 100  
66 30.7 25.4 38.0

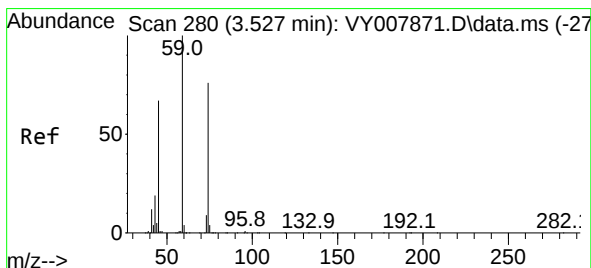
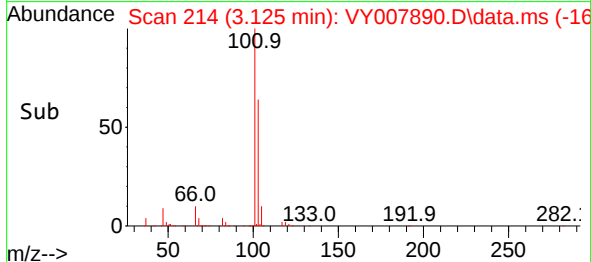
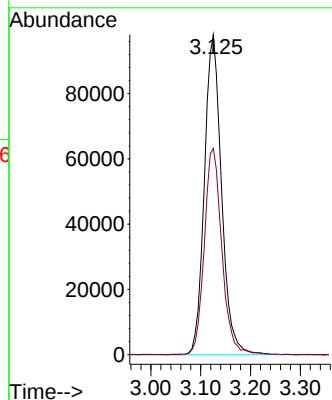
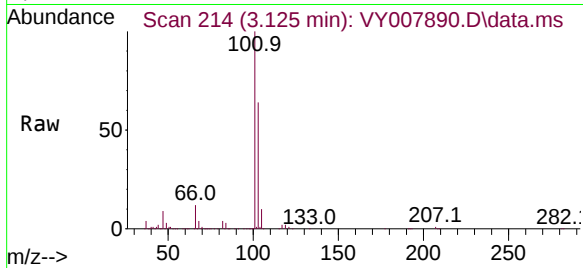




#7  
 Trichlorofluoromethane  
 Concen: 45.094 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

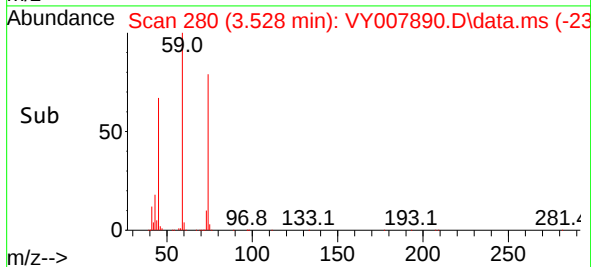
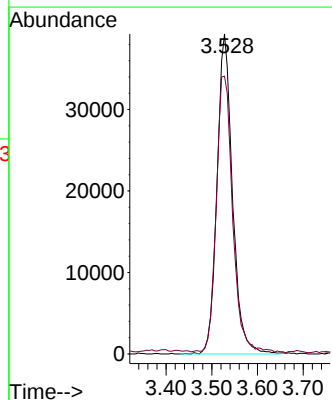
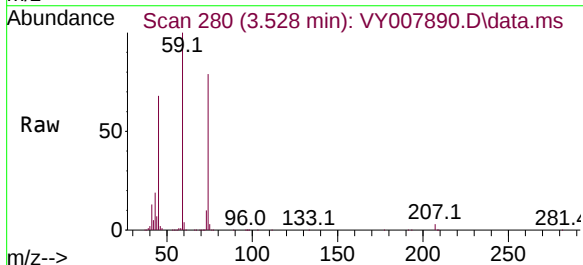
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

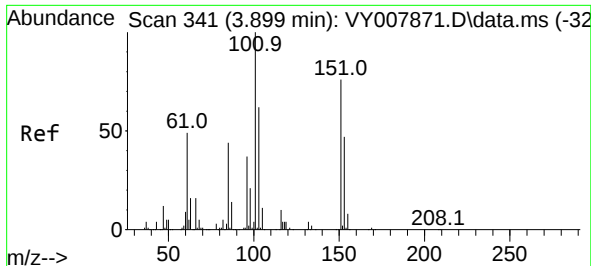
Tgt Ion:101 Resp: 234108  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 47.898 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

Tgt Ion: 74 Resp: 92288  
 Ion Ratio Lower Upper  
 74 100  
 45 92.3 55.1 165.5

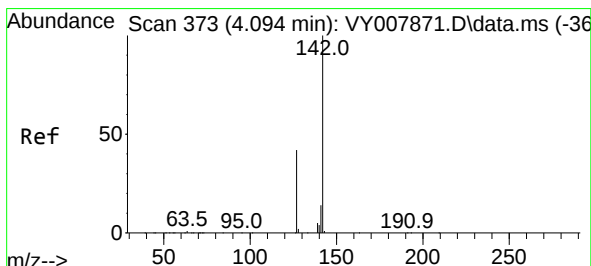
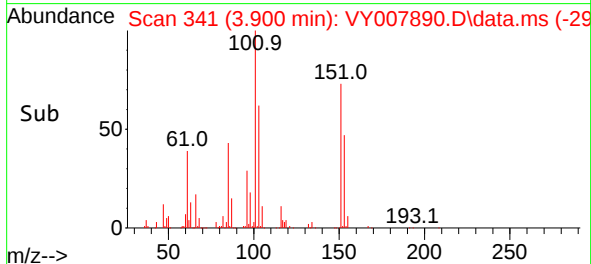
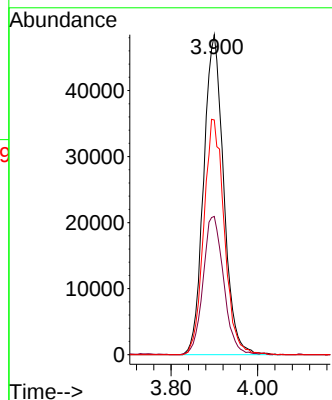
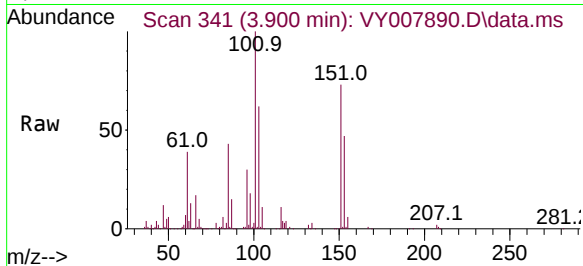




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.365 ug/l  
RT: 3.900 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

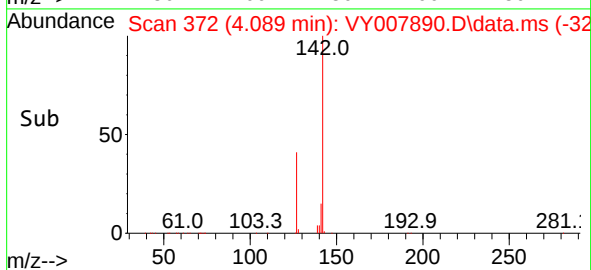
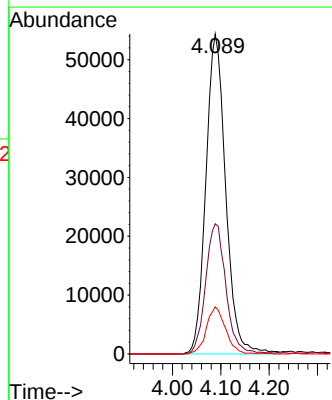
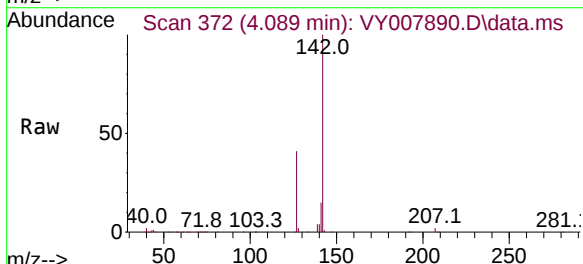
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

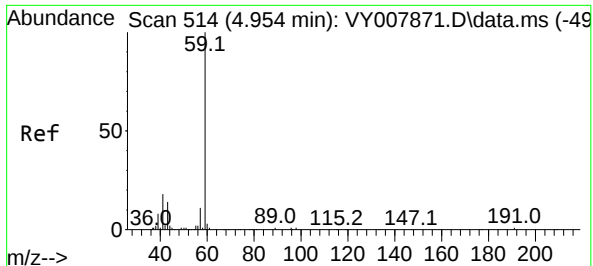
Tgt Ion:101 Resp: 155474  
Ion Ratio Lower Upper  
101 100  
85 44.3 40.6 60.8  
151 75.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 49.861 ug/l  
RT: 4.089 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion:142 Resp: 154551  
Ion Ratio Lower Upper  
142 100  
127 41.7 41.5 62.3  
141 14.2 11.9 17.9

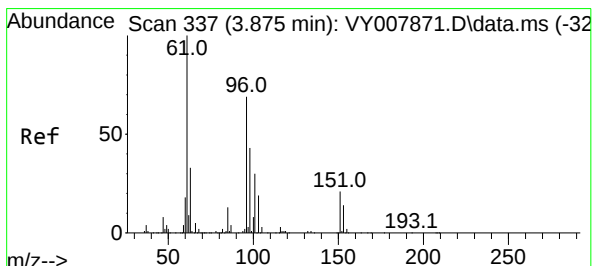
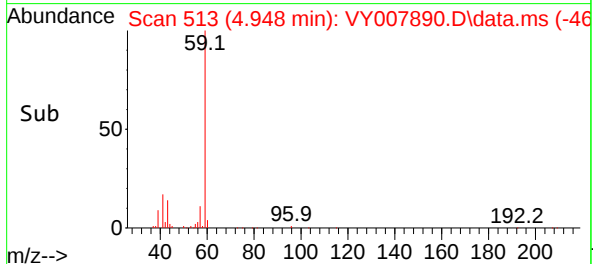
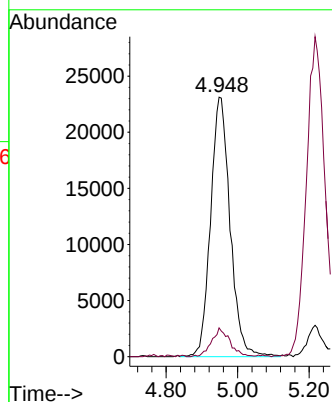
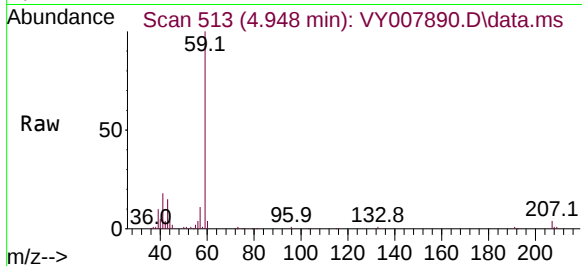




#11  
Tert butyl alcohol  
Concen: 233.340 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

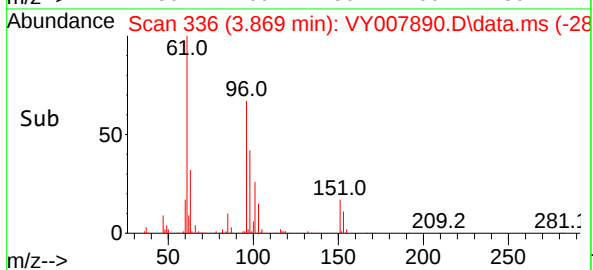
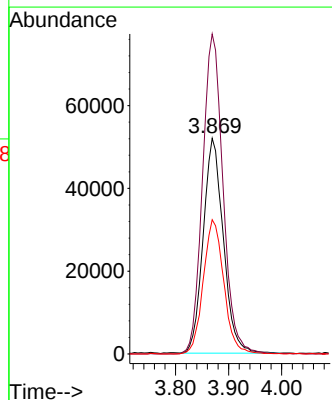
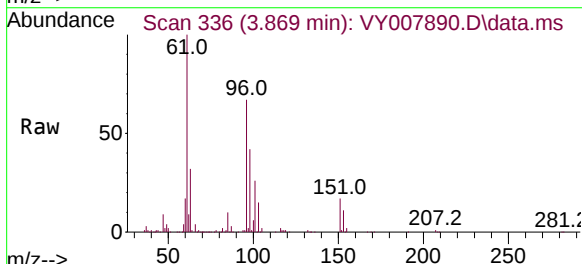
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

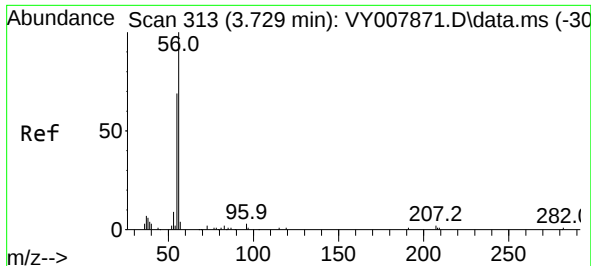
Tgt Ion: 59 Resp: 87763  
Ion Ratio Lower Upper  
59 100  
57 10.3 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 44.656 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 96 Resp: 137304  
Ion Ratio Lower Upper  
96 100  
61 148.8 145.8 218.6  
98 62.3 52.5 78.7

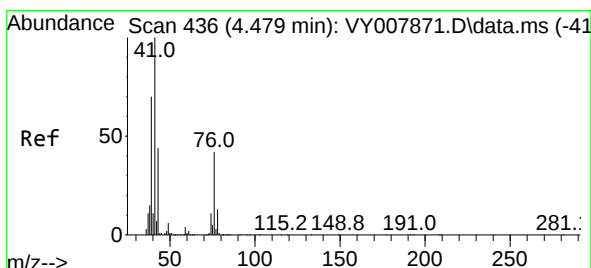
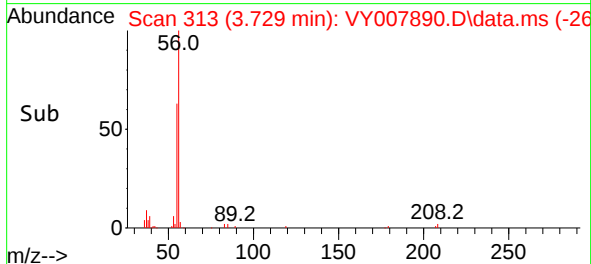
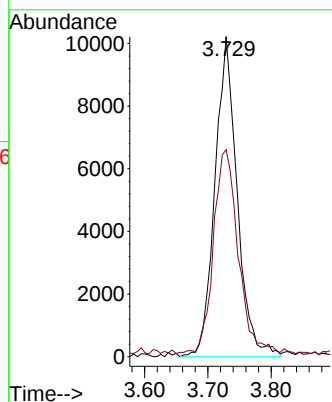
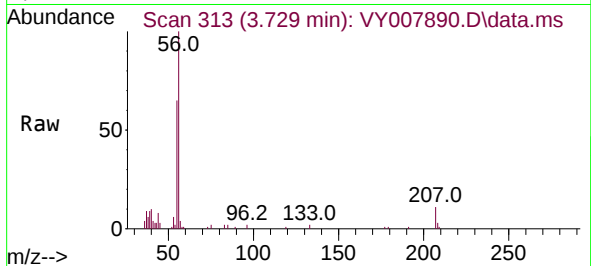




#13  
Acrolein  
Concen: 109.784 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

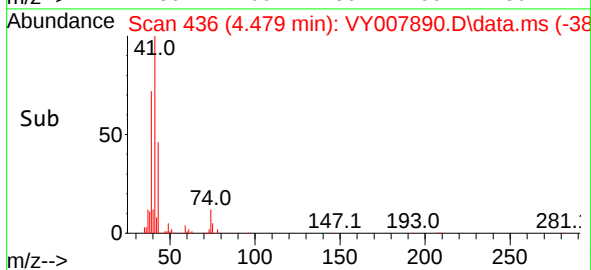
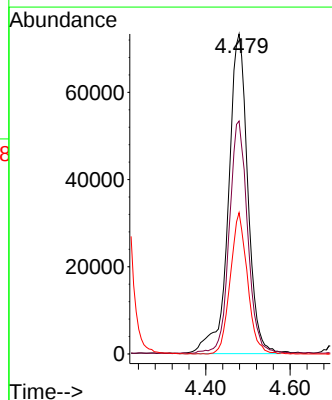
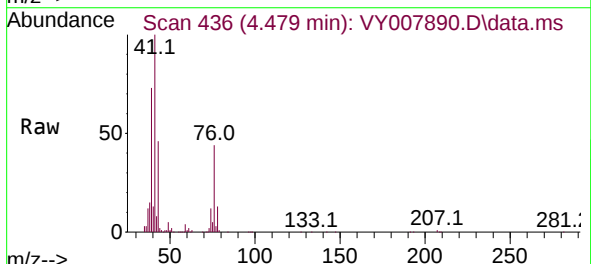
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

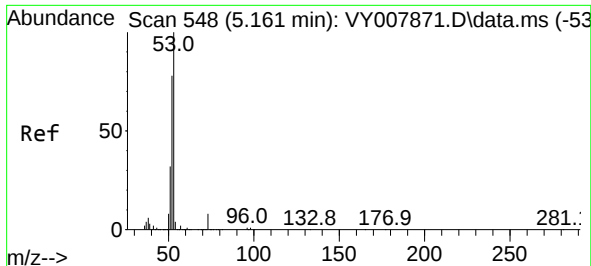
Tgt Ion: 56 Resp: 24870  
Ion Ratio Lower Upper  
56 100  
55 69.2 57.6 86.4



#14  
Allyl chloride  
Concen: 45.220 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 41 Resp: 233860  
Ion Ratio Lower Upper  
41 100  
39 68.6 58.8 88.2  
76 39.2 25.1 37.7#

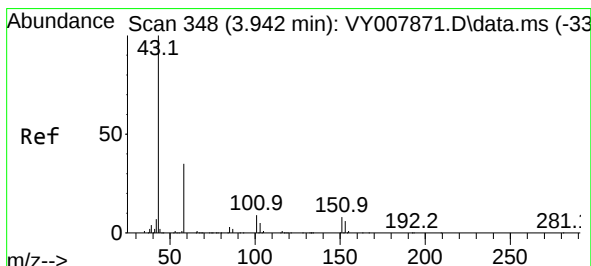
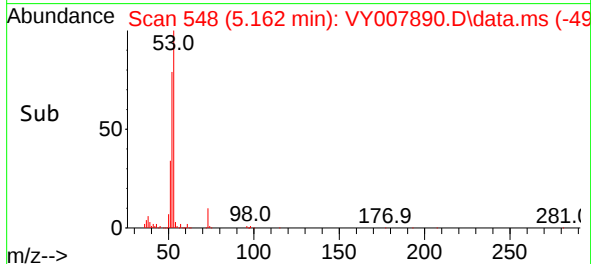
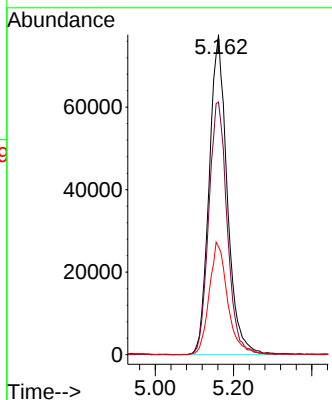
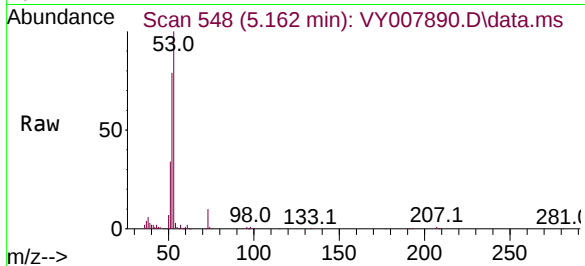




#15  
Acrylonitrile  
Concen: 241.430 ug/l  
RT: 5.162 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

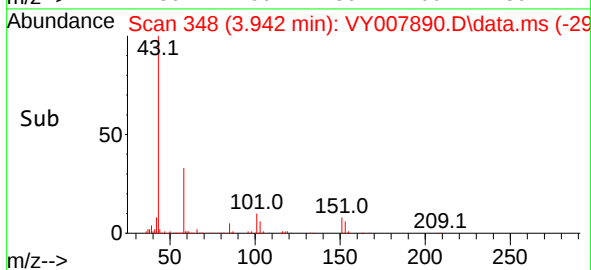
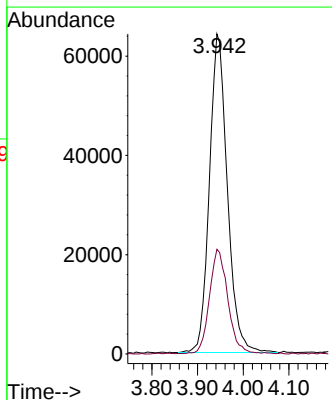
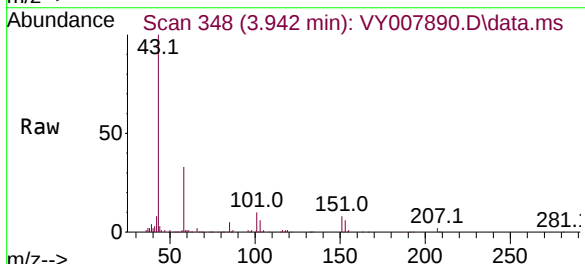
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

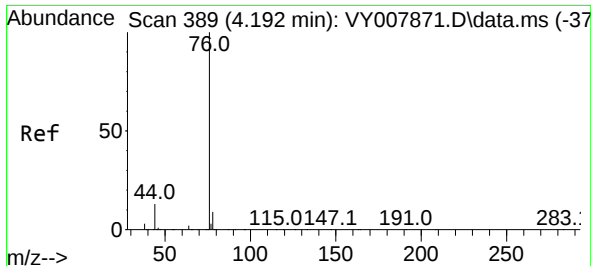
Tgt Ion: 53 Resp: 247908  
Ion Ratio Lower Upper  
53 100  
52 80.4 67.0 100.4  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 204.618 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 43 Resp: 175251  
Ion Ratio Lower Upper  
43 100  
58 32.7 22.0 33.0

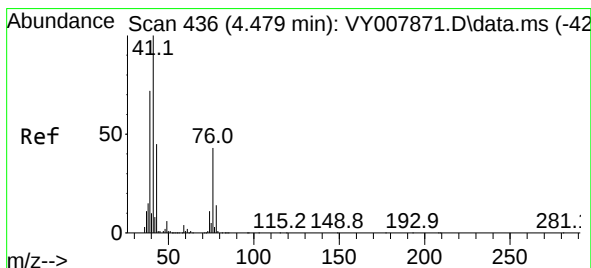
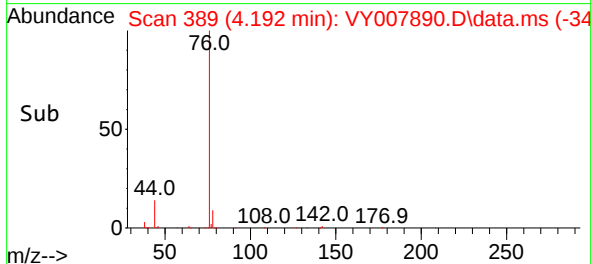
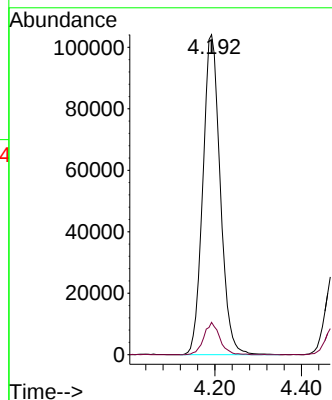
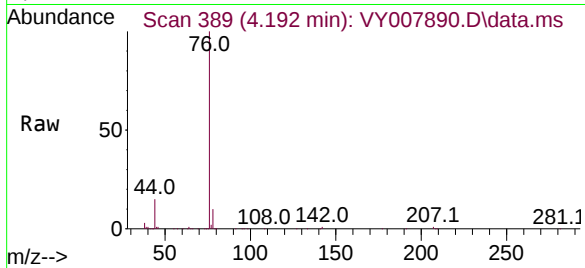




#17  
Carbon Disulfide  
Concen: 49.406 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

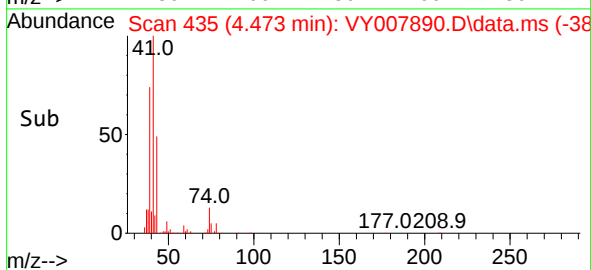
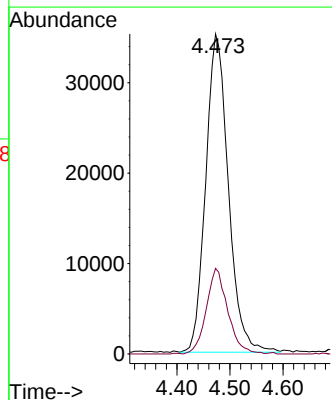
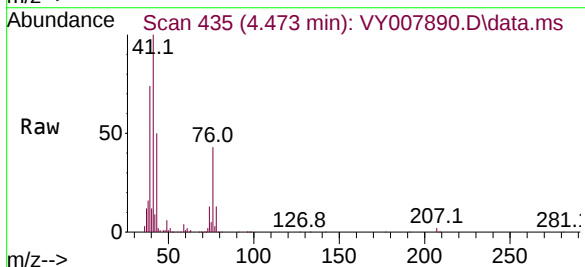
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

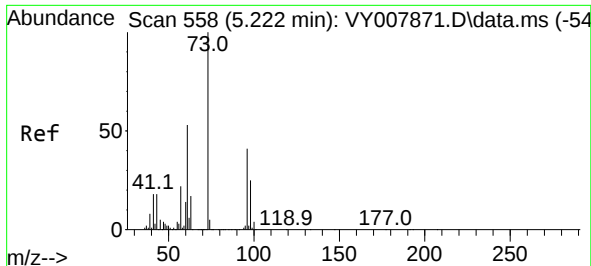
Tgt Ion: 76 Resp: 290009  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.484 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 43 Resp: 104599  
Ion Ratio Lower Upper  
43 100  
74 25.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.595 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

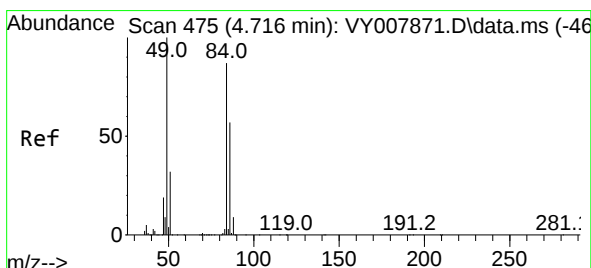
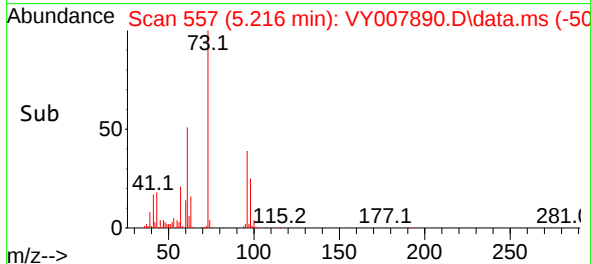
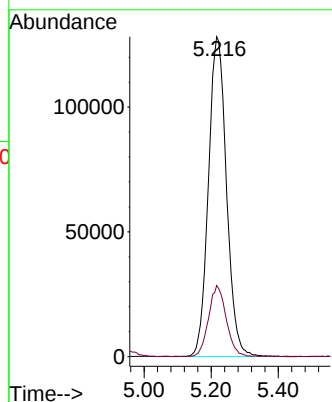
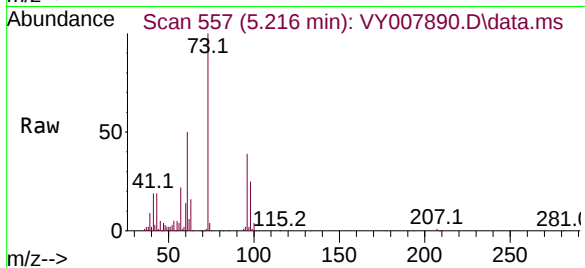
VSTDCCC050EC

Tgt Ion: 73 Resp: 478322

Ion Ratio Lower Upper

73 100

57 22.2 18.6 27.8



#20

Methylene Chloride

Concen: 56.543 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Tgt Ion: 84 Resp: 185847

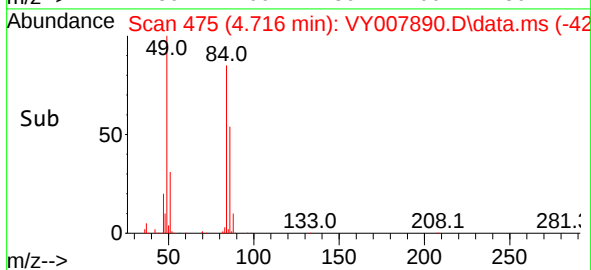
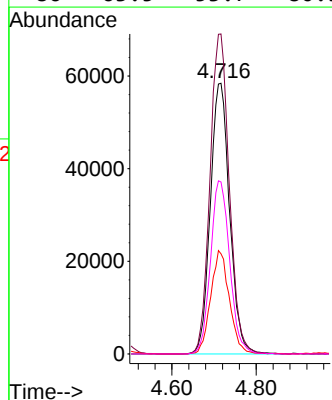
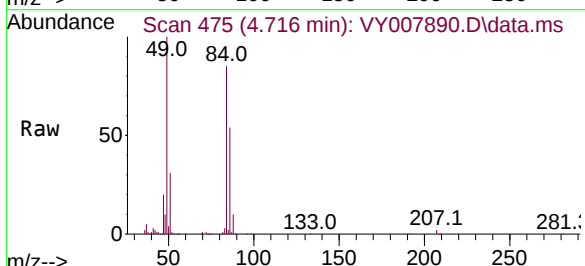
Ion Ratio Lower Upper

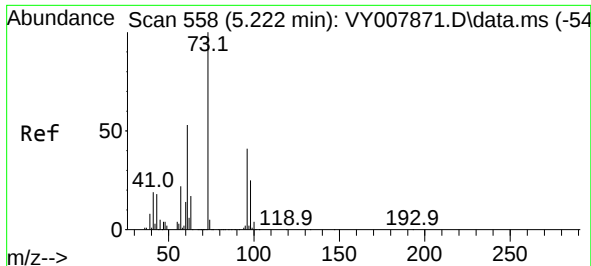
84 100

49 118.2 114.4 171.6

51 37.0 35.3 52.9

86 63.5 53.7 80.5

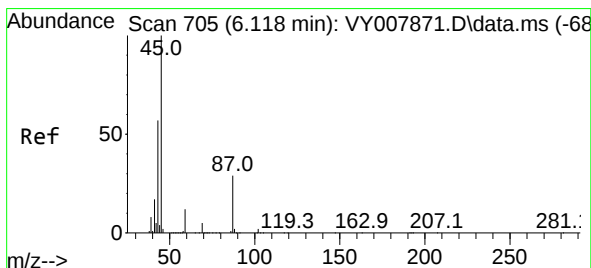
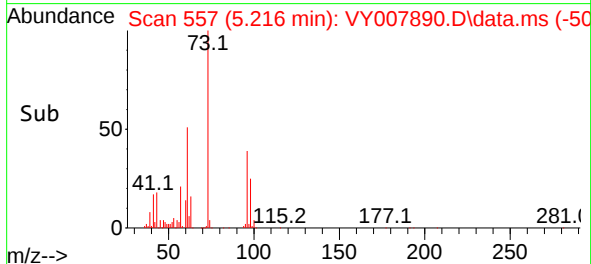
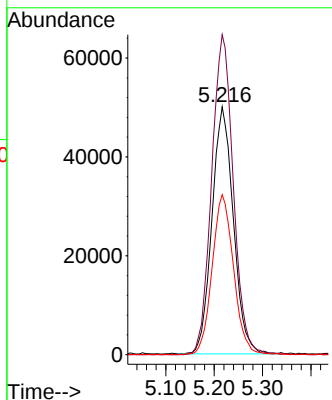
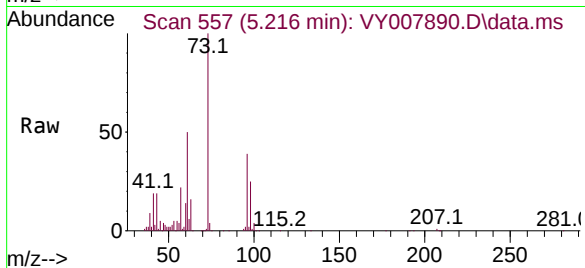




#21  
trans-1,2-Dichloroethene  
Concen: 44.718 ug/l  
RT: 5.216 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

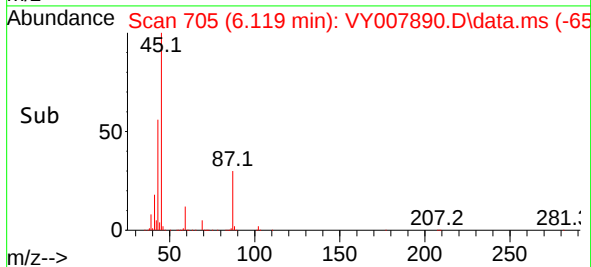
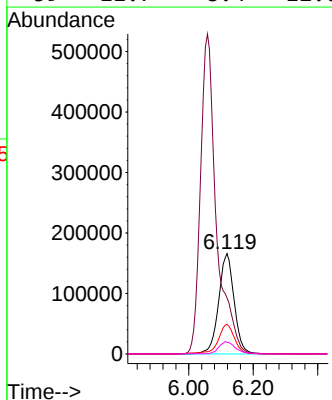
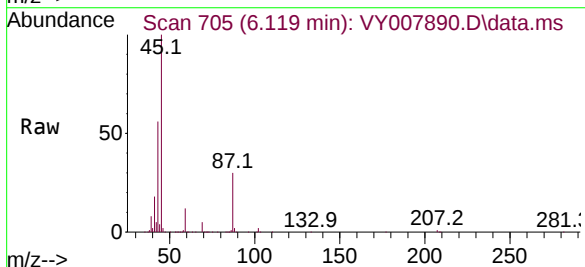
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

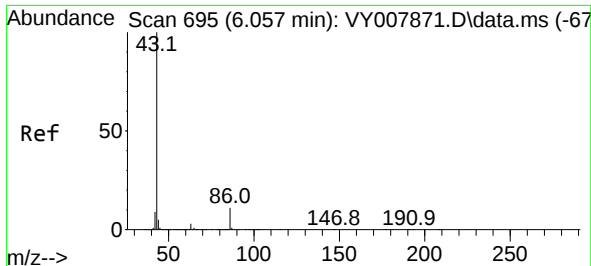
Tgt Ion: 96 Resp: 153926  
Ion Ratio Lower Upper  
96 100  
61 129.5 120.5 180.7  
98 64.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 49.664 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 45 Resp: 552567  
Ion Ratio Lower Upper  
45 100  
43 55.9 49.3 73.9  
87 29.5 19.2 28.8#  
59 11.7 8.4 12.6





#23

Vinyl Acetate

Concen: 258.687 ug/l

RT: 6.058 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

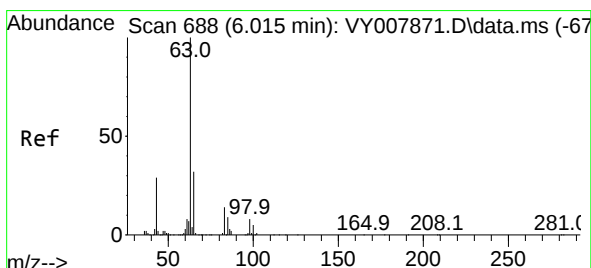
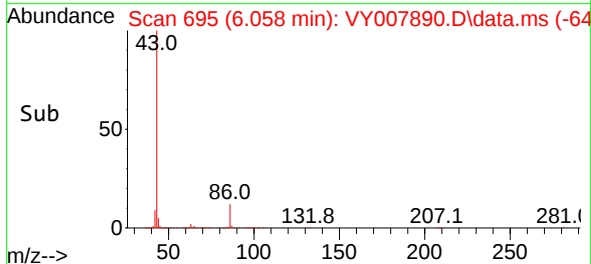
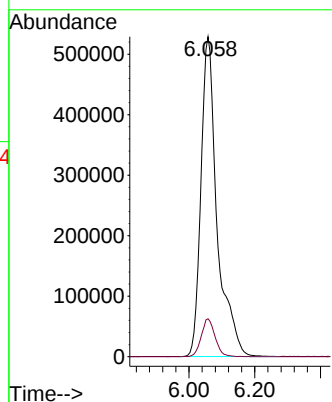
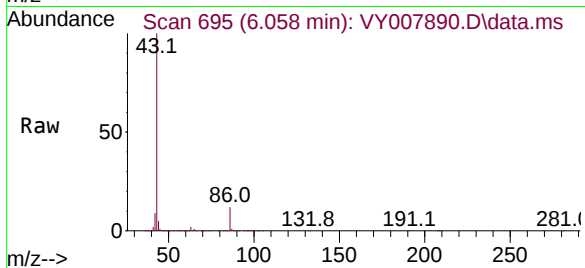
VSTDCCC050EC

Tgt Ion: 43 Resp: 1802705

Ion Ratio Lower Upper

43 100

86 11.8 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 49.140 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

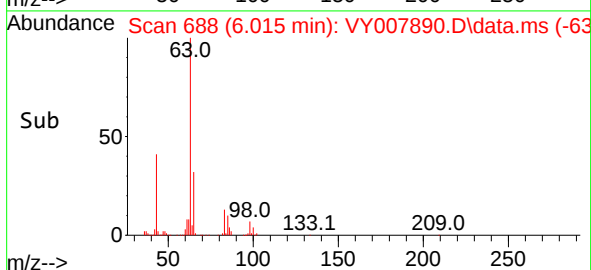
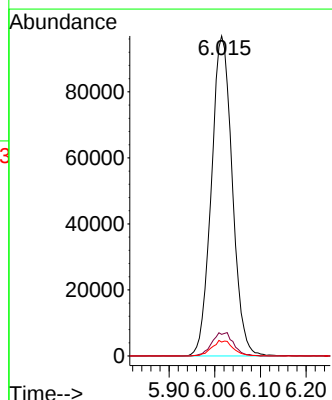
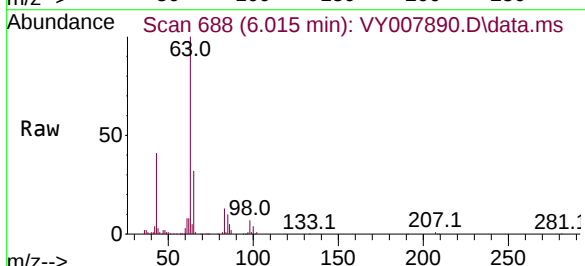
Tgt Ion: 63 Resp: 307956

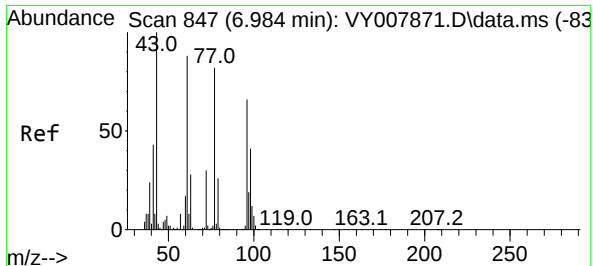
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 224.168 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

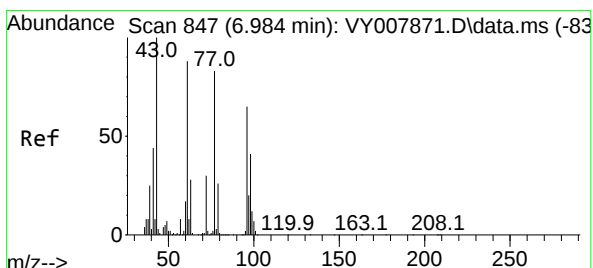
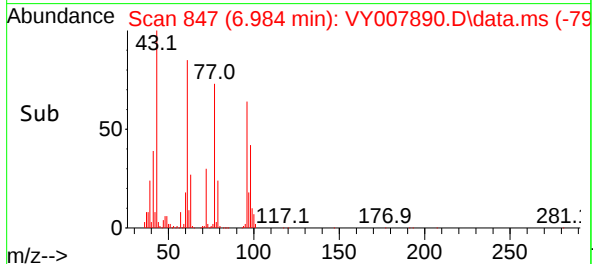
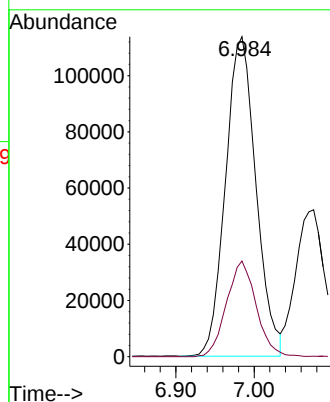
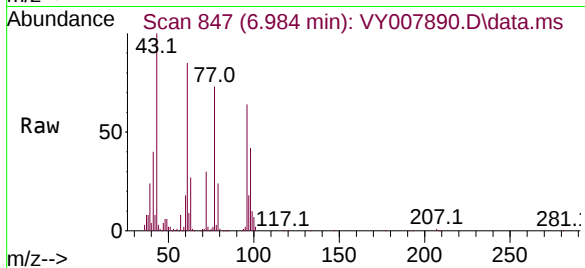
VSTDCCC050EC

Tgt Ion: 43 Resp: 307532

Ion Ratio Lower Upper

43 100

72 30.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 45.416 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY007890.D

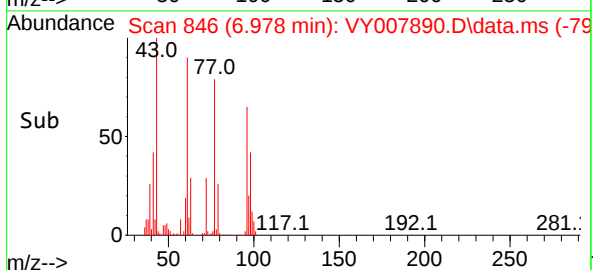
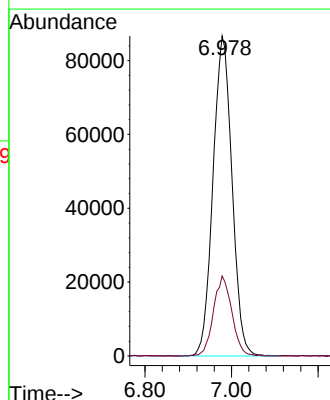
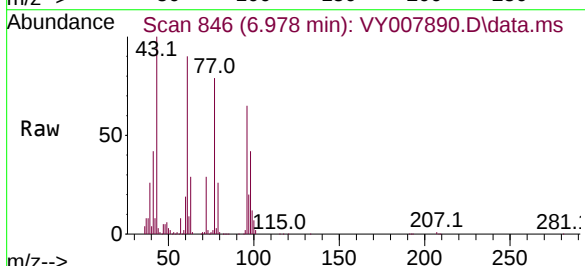
Acq: 17 Mar 2022 21:23

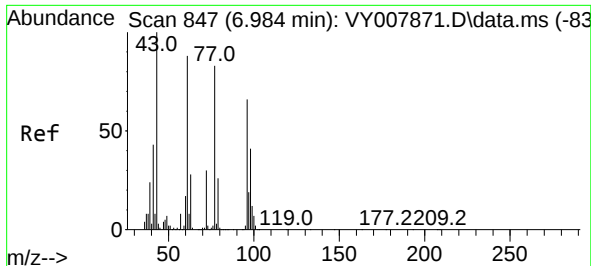
Tgt Ion: 77 Resp: 263792

Ion Ratio Lower Upper

77 100

97 24.1 10.4 31.4

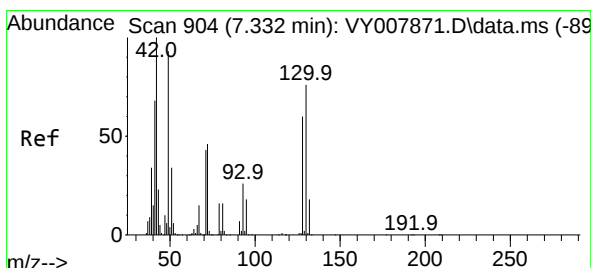
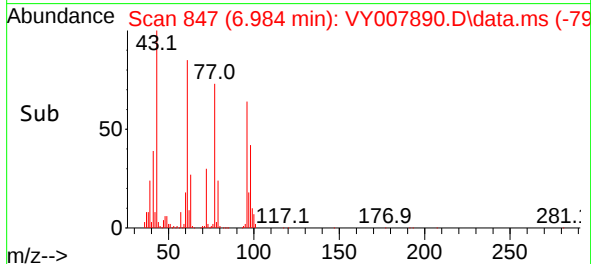
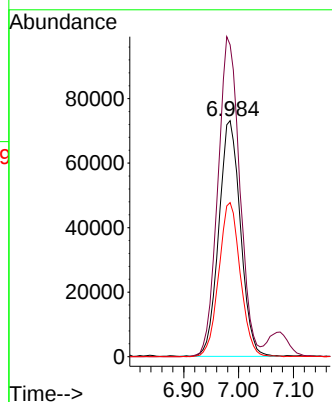
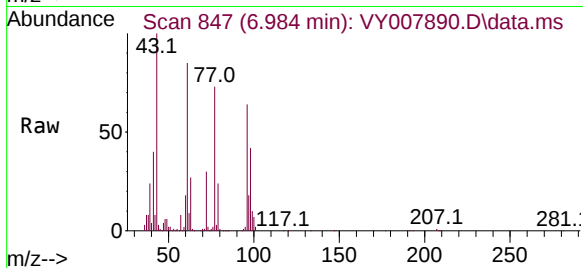




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.611 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

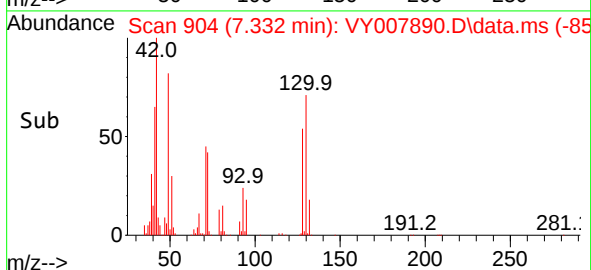
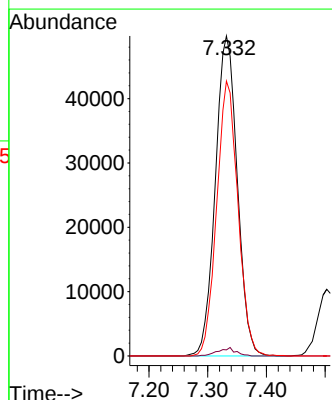
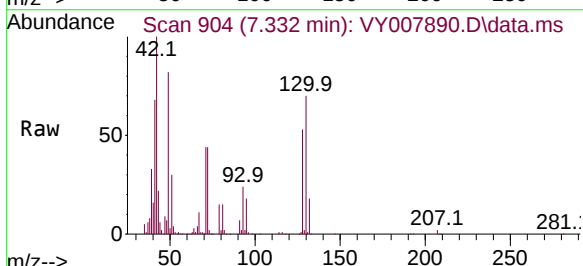
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

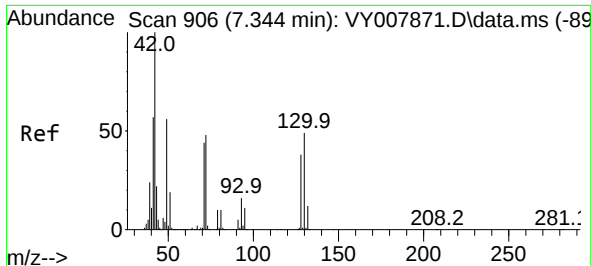
Tgt Ion: 96 Resp: 200843  
 Ion Ratio Lower Upper  
 96 100  
 61 137.0 0.0 319.8  
 98 64.9 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 52.107 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.000 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

Tgt Ion: 49 Resp: 128981  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 2.2  
 130 83.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 230.969 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

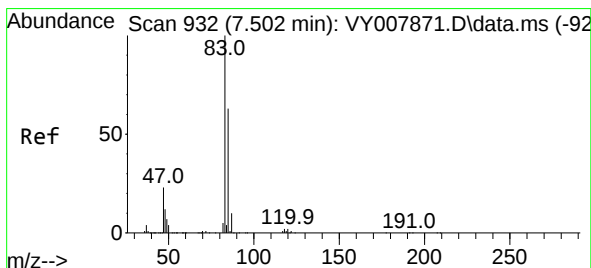
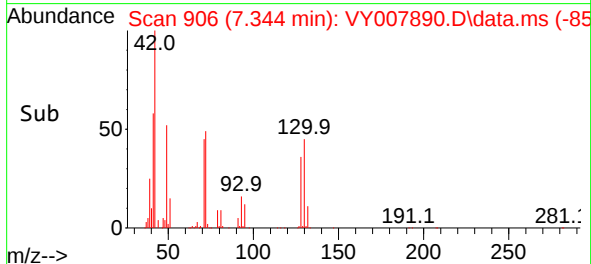
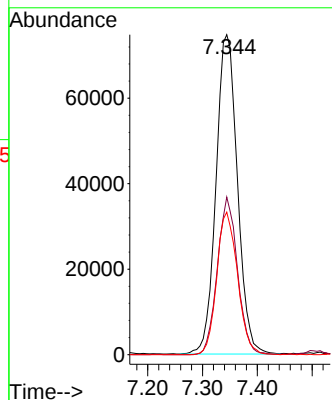
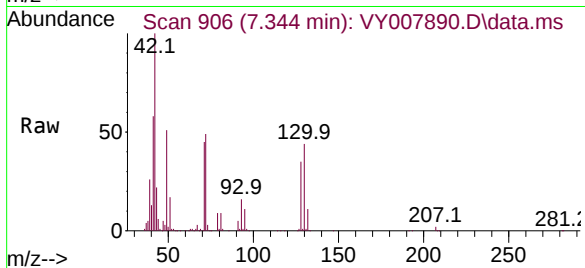
Tgt Ion: 42 Resp: 203027

Ion Ratio Lower Upper

42 100

72 46.5 30.3 45.5#

71 43.4 29.0 43.4



#30

Chloroform

Concen: 50.295 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY007890.D

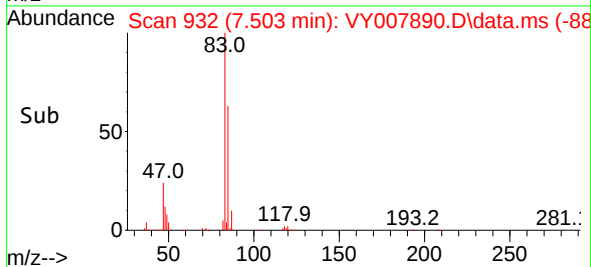
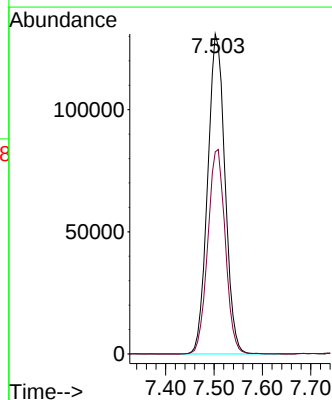
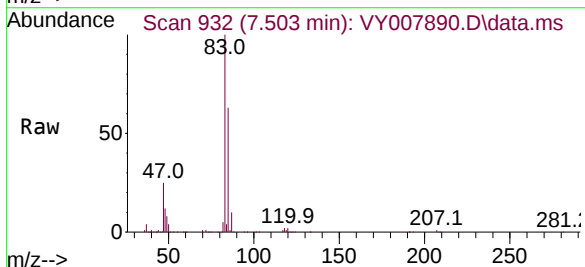
Acq: 17 Mar 2022 21:23

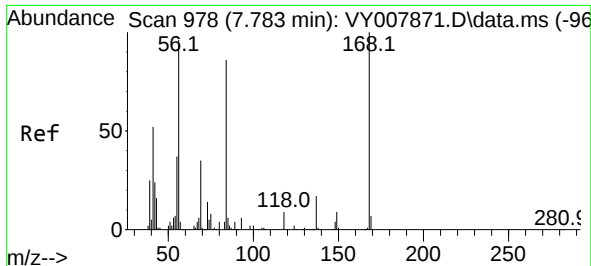
Tgt Ion: 83 Resp: 325791

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6





#31

Cyclohexane

Concen: 50.294 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

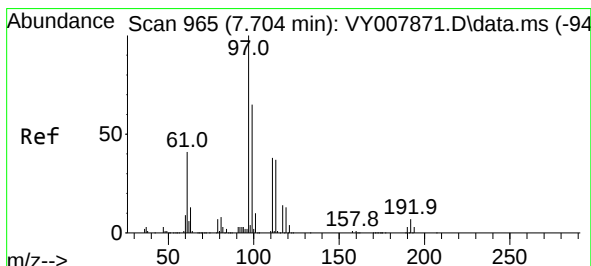
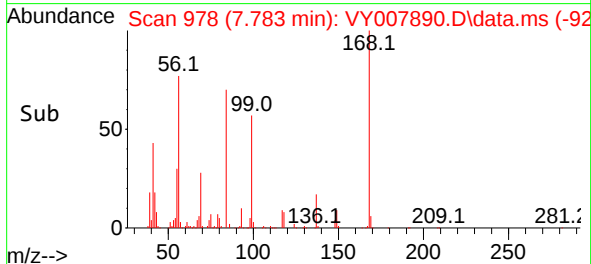
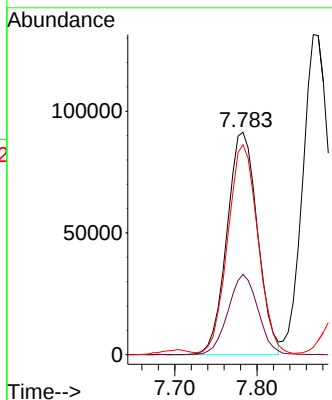
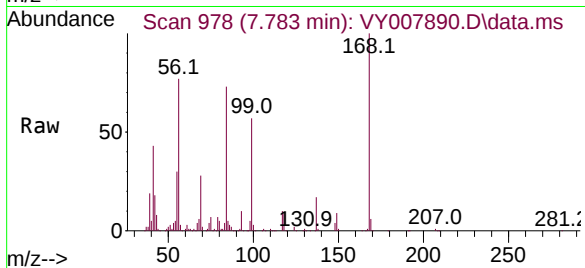
Tgt Ion: 56 Resp: 235964

Ion Ratio Lower Upper

56 100

69 36.1 26.7 40.1

84 92.1 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 48.243 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

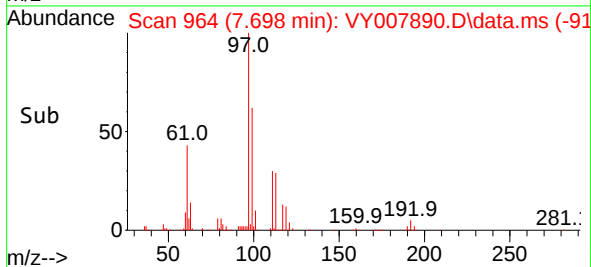
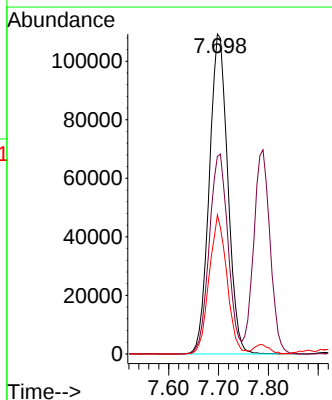
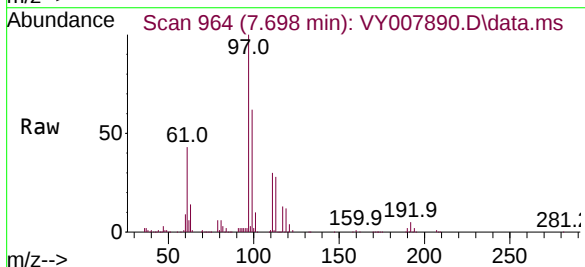
Tgt Ion: 97 Resp: 281462

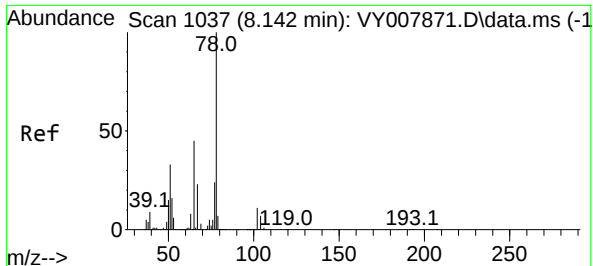
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 41.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.119 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

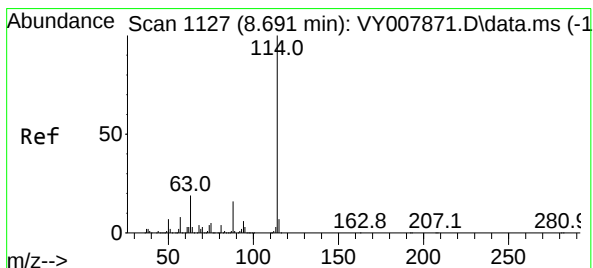
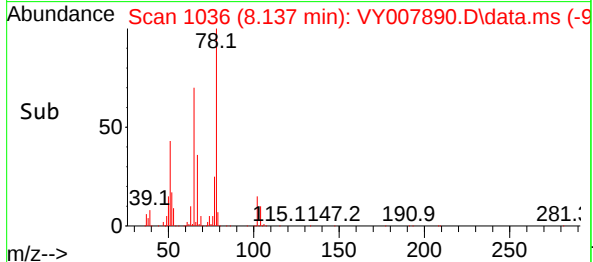
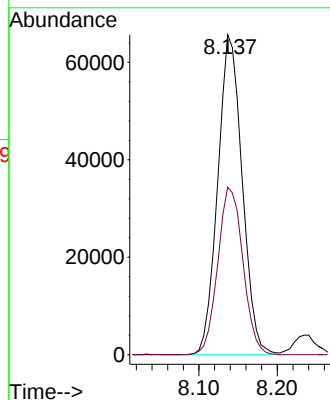
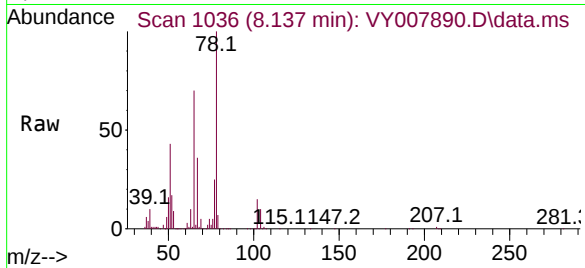
VSTDCCC050EC

Tgt Ion: 65 Resp: 142438

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

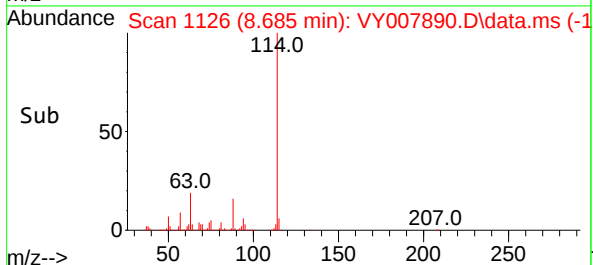
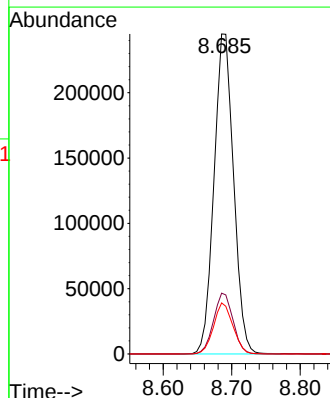
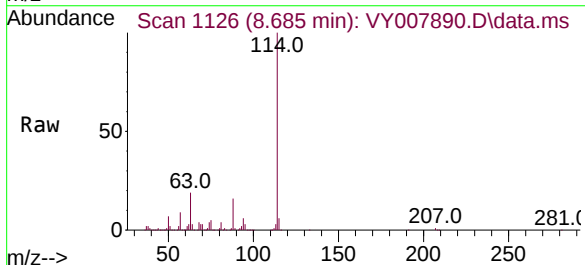
Tgt Ion: 114 Resp: 486332

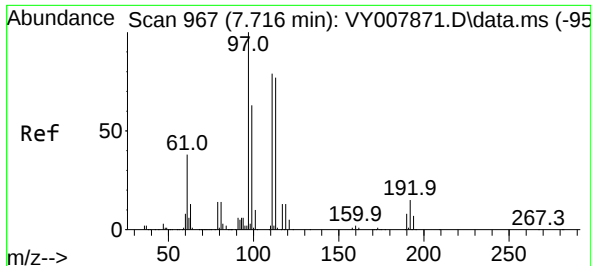
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.984 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

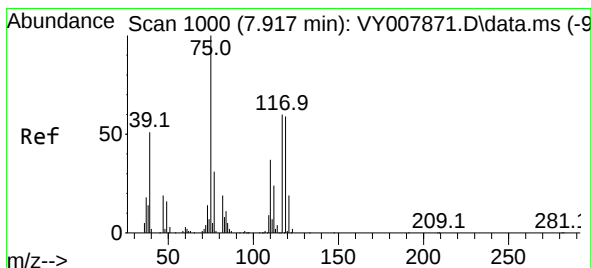
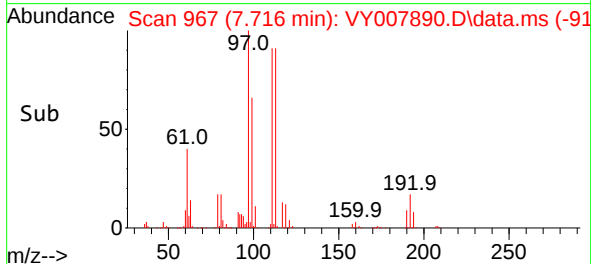
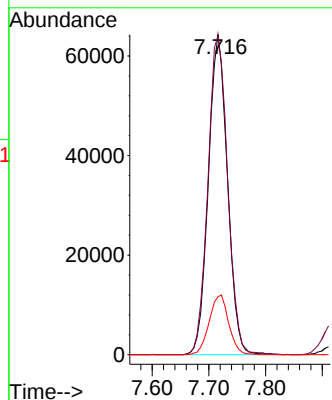
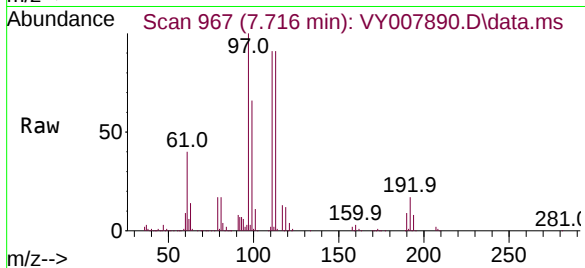
Tgt Ion:113 Resp: 150226

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.0 17.6 26.4



#36

1,1-Dichloropropene

Concen: 43.093 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

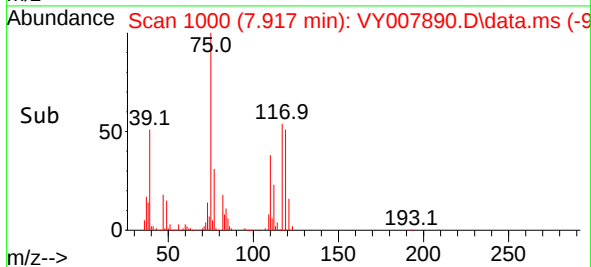
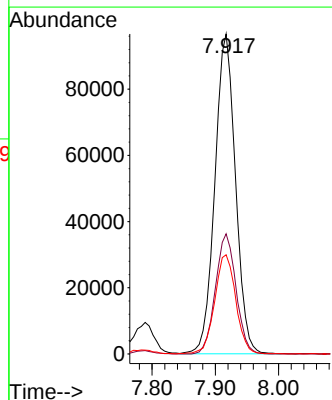
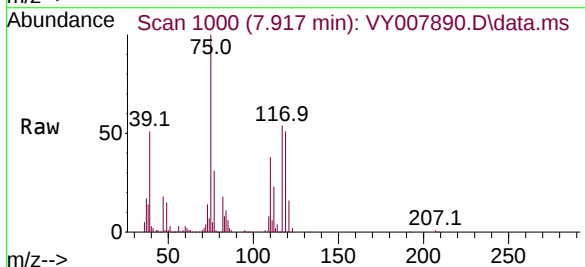
Tgt Ion: 75 Resp: 218302

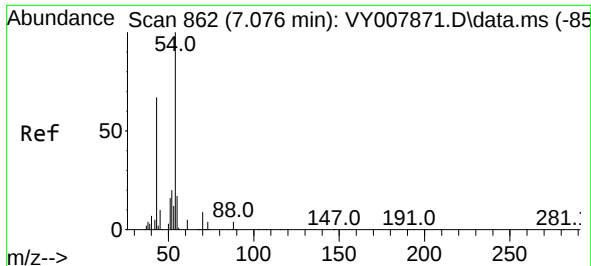
Ion Ratio Lower Upper

75 100

110 37.4 17.1 51.2

77 31.9 24.4 36.6

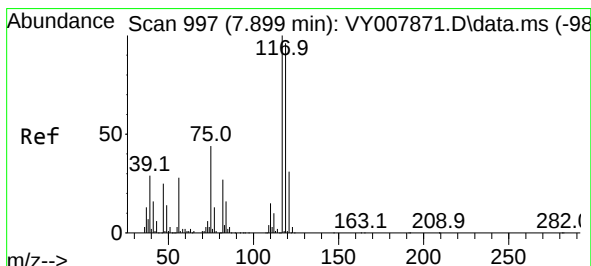
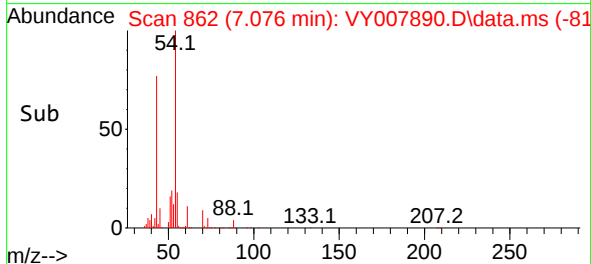
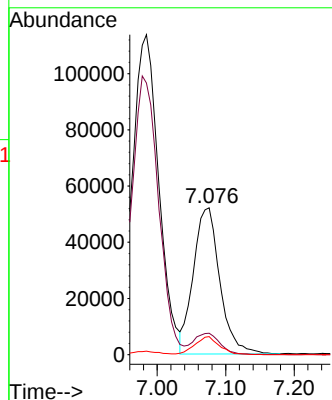
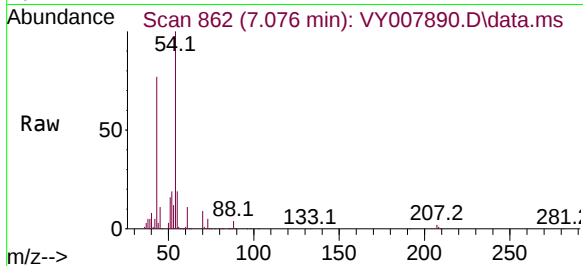




#37  
Ethyl Acetate  
Concen: 45.204 ug/l  
RT: 7.076 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

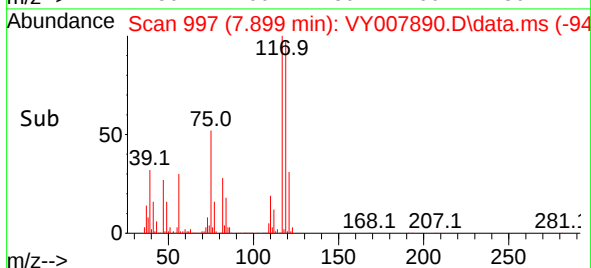
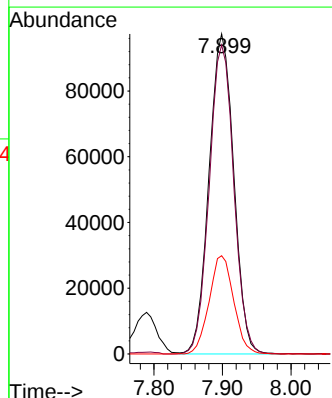
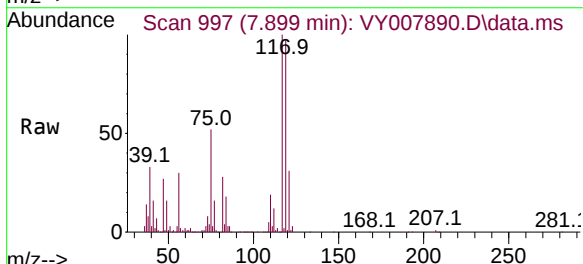
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

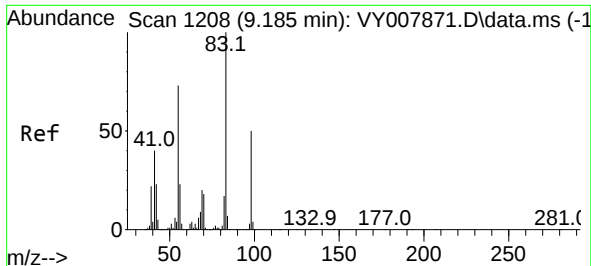
Tgt Ion: 43 Resp: 139728  
Ion Ratio Lower Upper  
43 100  
61 14.6 9.7 14.5#  
70 11.6 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 45.048 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 117 Resp: 243855  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.9 116.9  
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 47.259 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

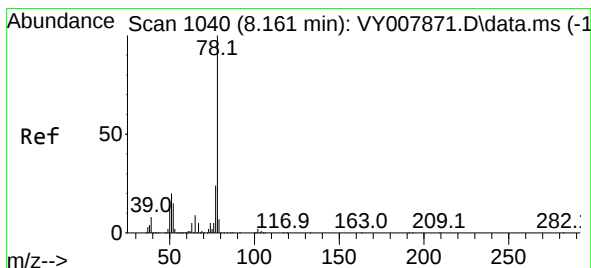
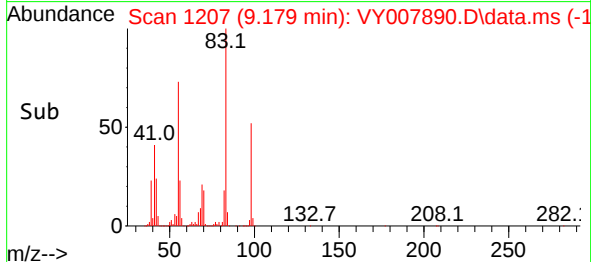
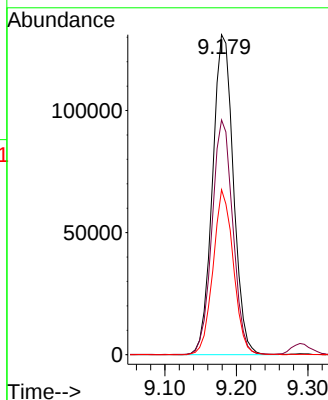
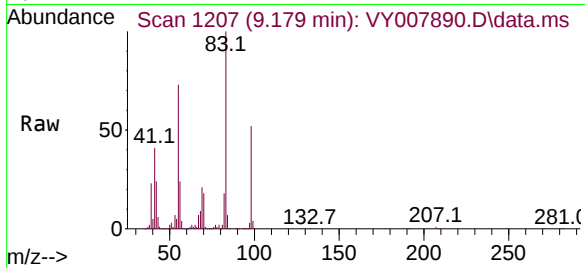
Tgt Ion: 83 Resp: 266153

Ion Ratio Lower Upper

83 100

55 73.2 66.5 99.7

98 51.5 37.9 56.9



#40

Benzene

Concen: 45.064 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY007890.D

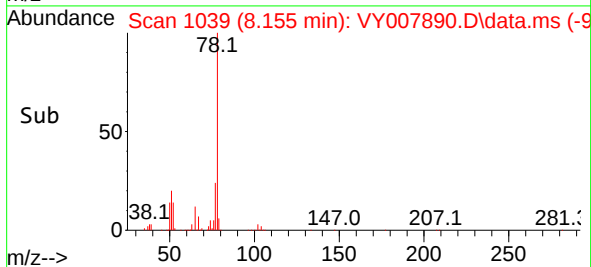
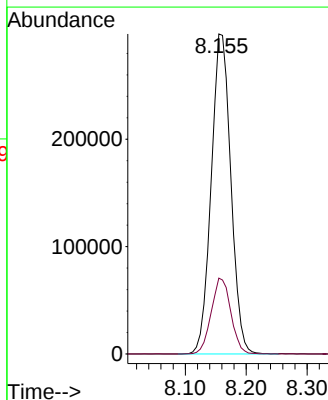
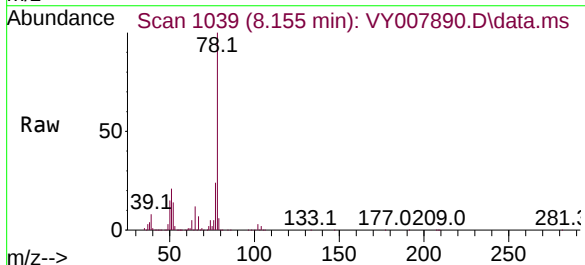
Acq: 17 Mar 2022 21:23

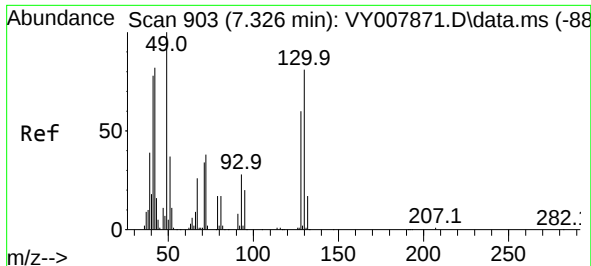
Tgt Ion: 78 Resp: 667104

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

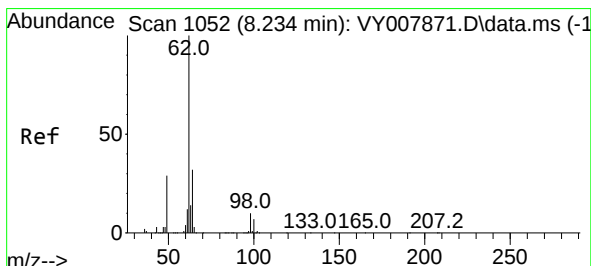
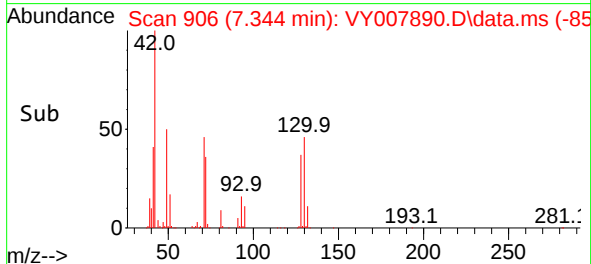
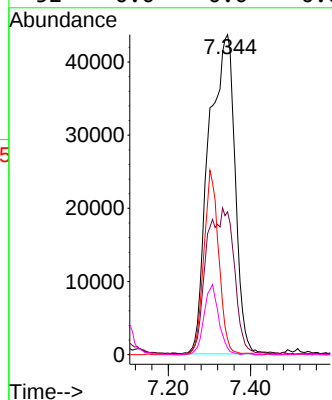
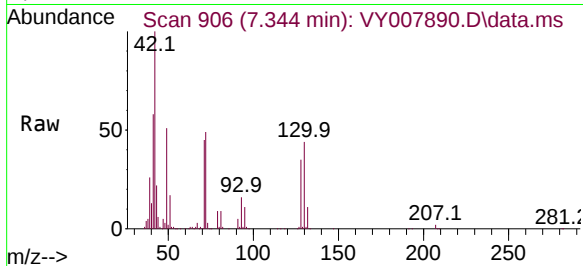




#41  
Methacrylonitrile  
Concen: 100.955 ug/l  
RT: 7.344 min Scan# 903  
Delta R.T. 0.037 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

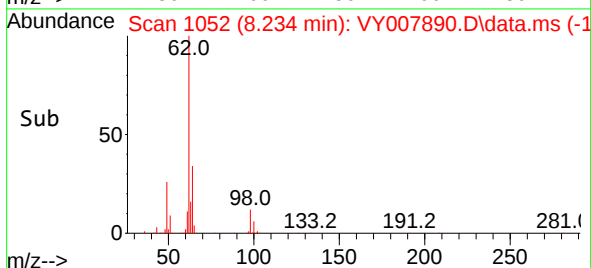
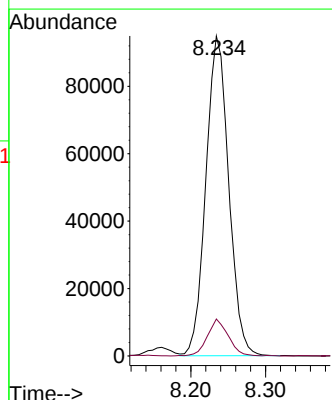
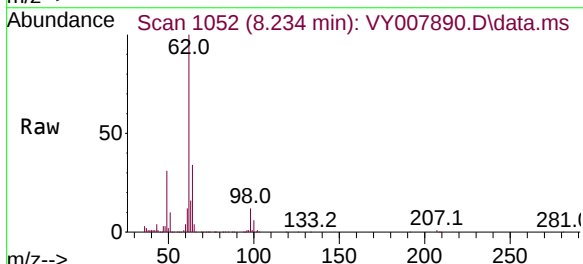
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

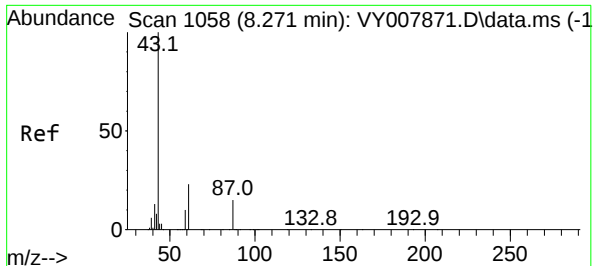
Tgt Ion: 41 Resp: 192449  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 47.007 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 62 Resp: 201476  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 45.840 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

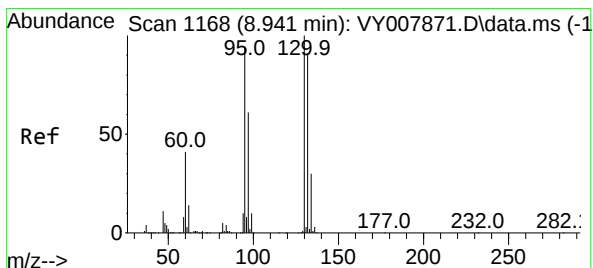
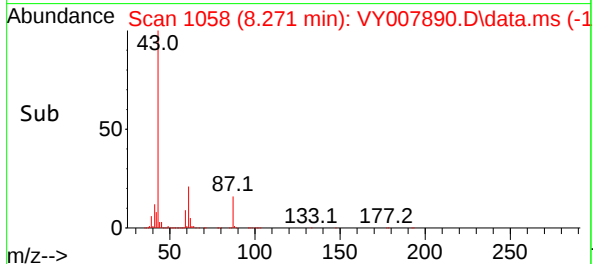
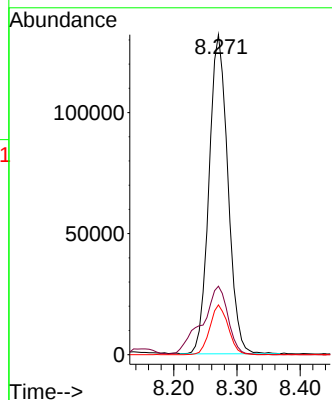
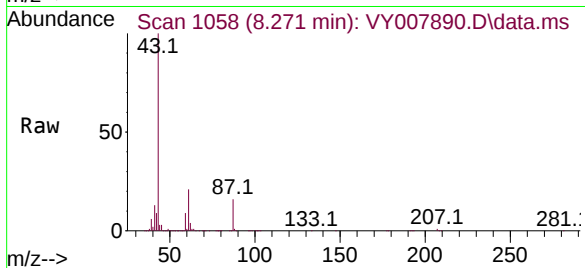
Tgt Ion: 43 Resp: 273162

Ion Ratio Lower Upper

43 100

61 29.6 20.2 30.2

87 15.2 8.9 13.3#



#44

Trichloroethene

Concen: 45.147 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY007890.D

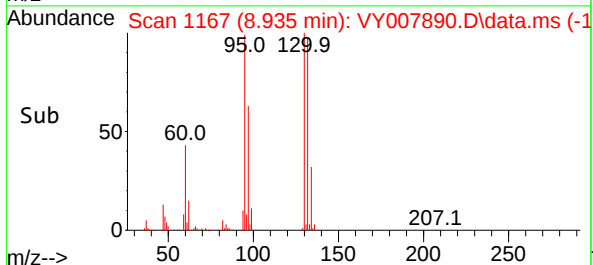
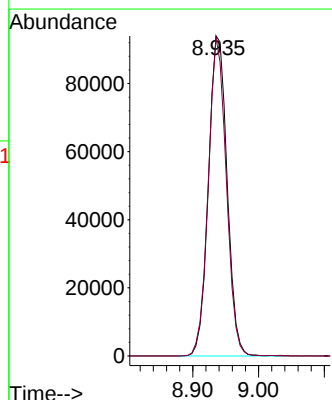
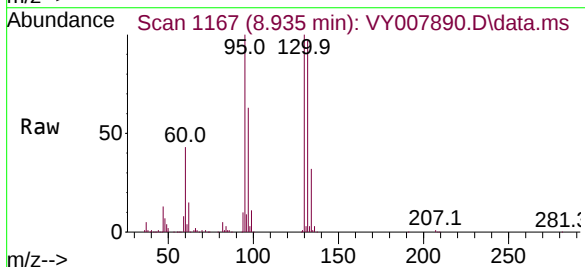
Acq: 17 Mar 2022 21:23

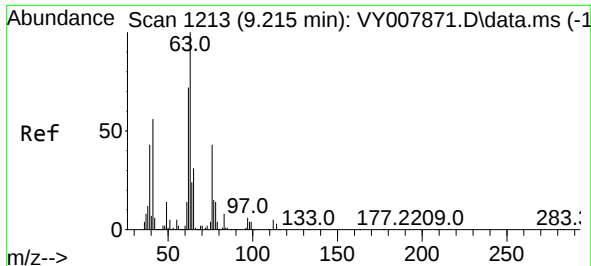
Tgt Ion:130 Resp: 184808

Ion Ratio Lower Upper

130 100

95 99.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.611 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

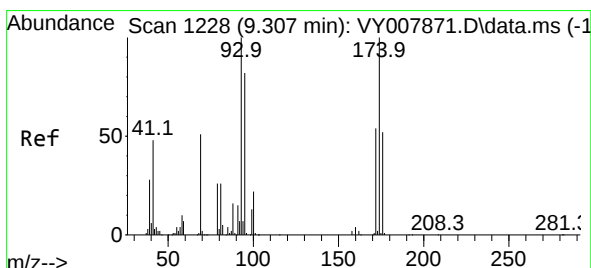
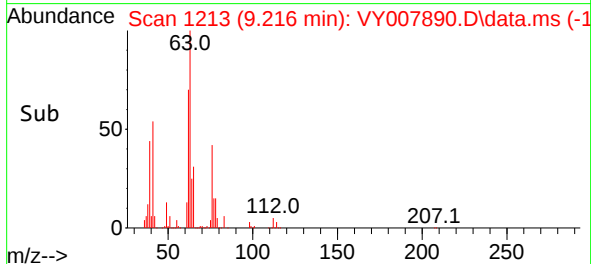
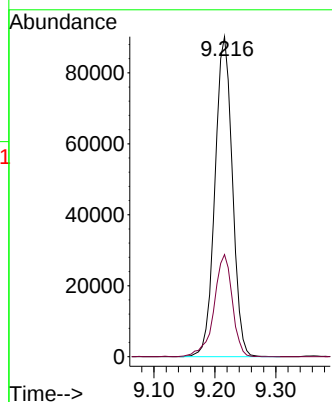
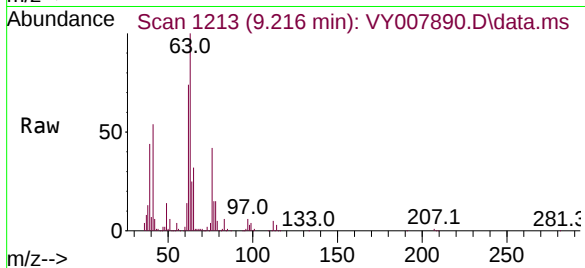
VSTDCCC050EC

Tgt Ion: 63 Resp: 178663

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.6



#46

Dibromomethane

Concen: 46.723 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

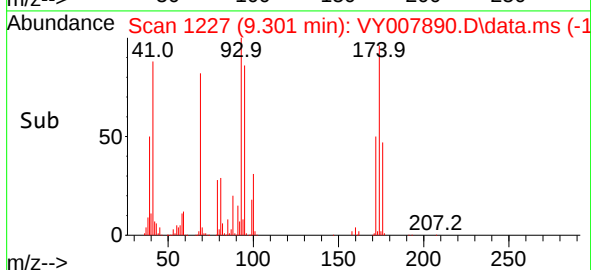
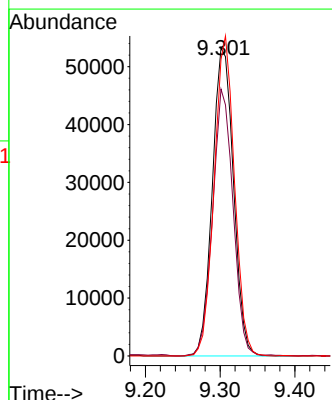
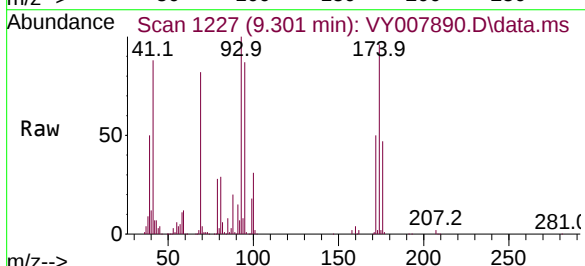
Tgt Ion: 93 Resp: 104769

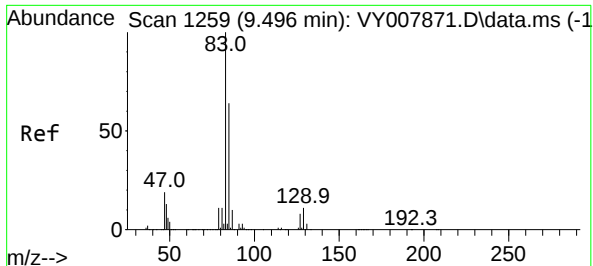
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 99.6 83.4 125.0

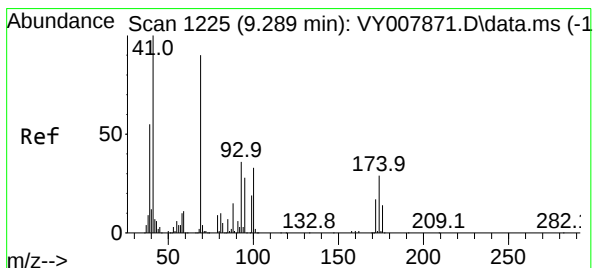
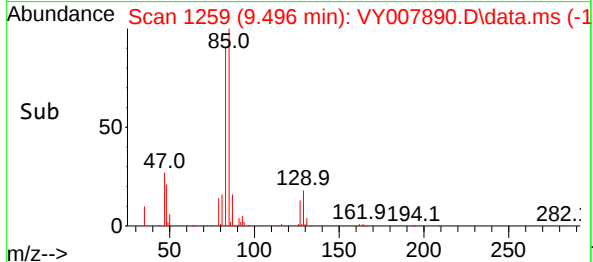
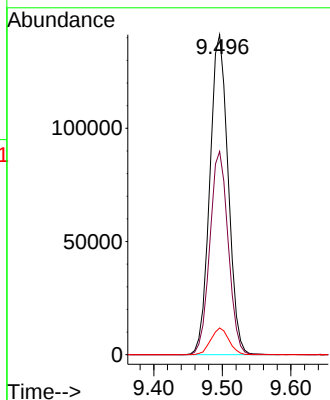
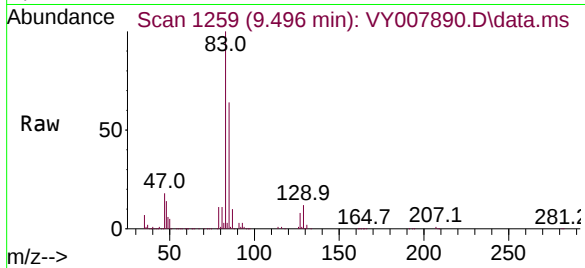




#47  
Bromodichloromethane  
Concen: 48.298 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

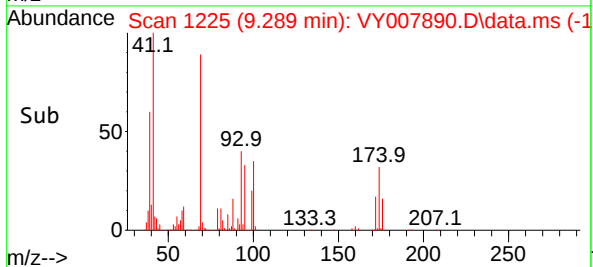
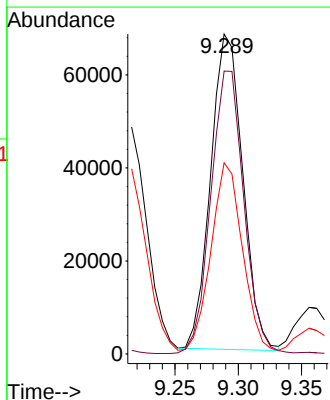
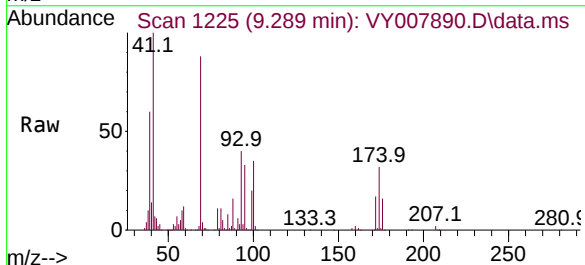
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

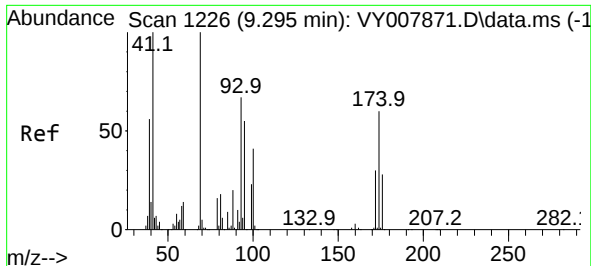
Tgt Ion: 83 Resp: 261639  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.9 77.9  
127 8.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 45.122 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 41 Resp: 119612  
Ion Ratio Lower Upper  
41 100  
69 92.5 58.2 87.2#  
39 59.8 47.4 71.0





#49

1,4-Dioxane

Concen: 927.450 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

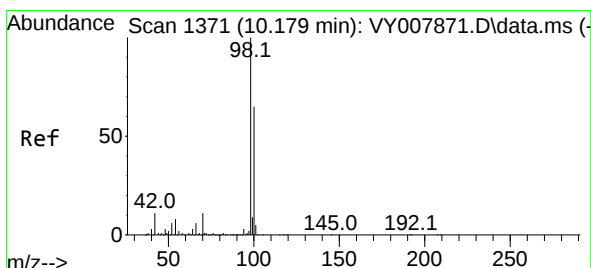
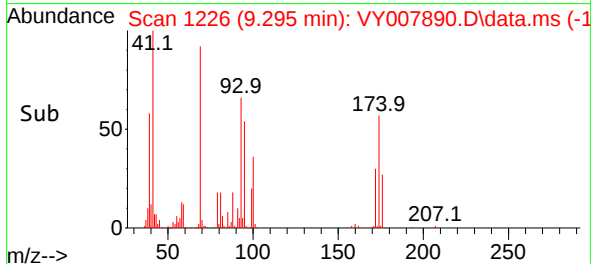
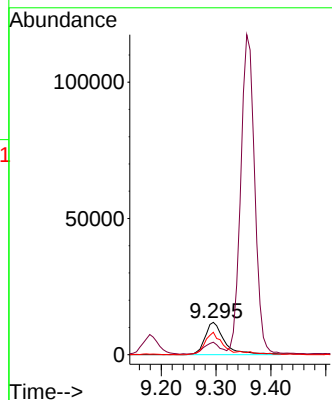
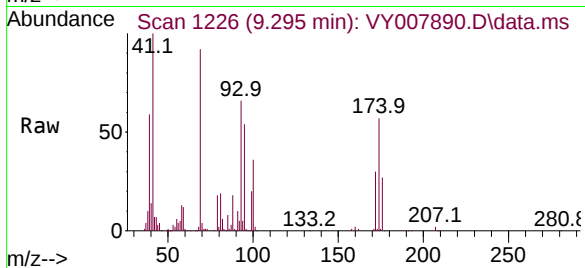
Tgt Ion: 88 Resp: 29453

Ion Ratio Lower Upper

88 100

43 30.8 32.8 49.2#

58 59.6 59.8 89.6#



#50

Toluene-d8

Concen: 49.496 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007890.D

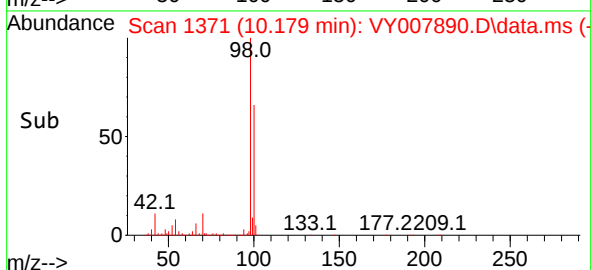
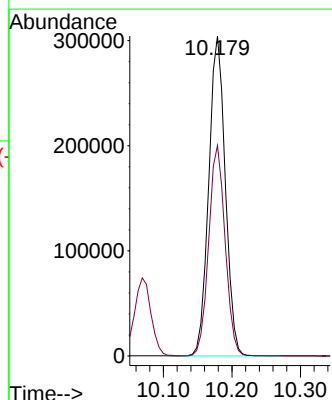
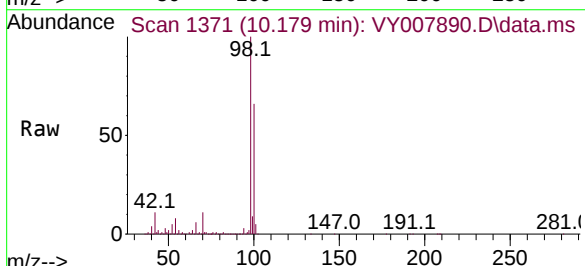
Acq: 17 Mar 2022 21:23

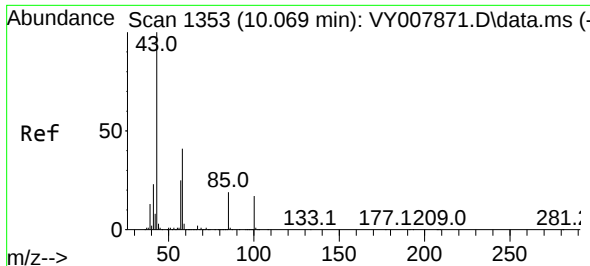
Tgt Ion: 98 Resp: 510792

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

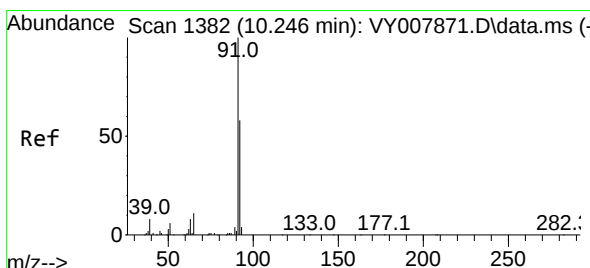
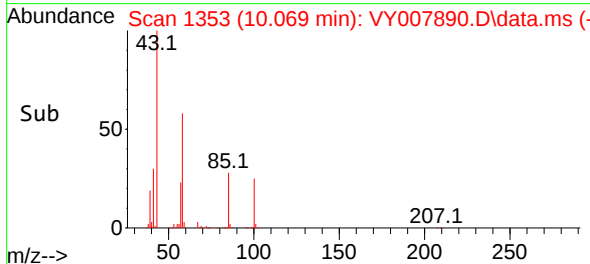
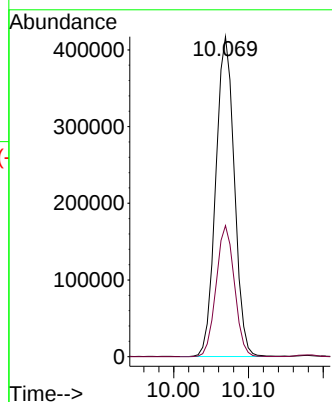
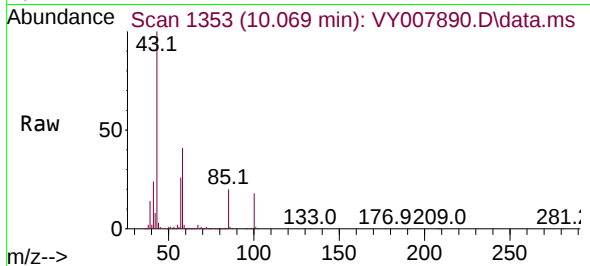




#51  
4-Methyl-2-Pentanone  
Concen: 229.634 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

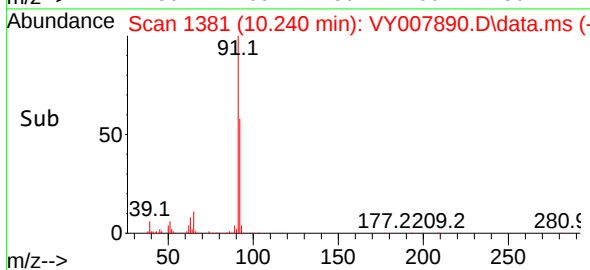
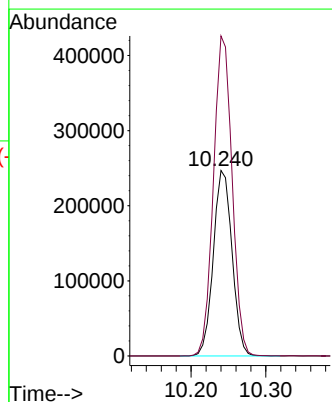
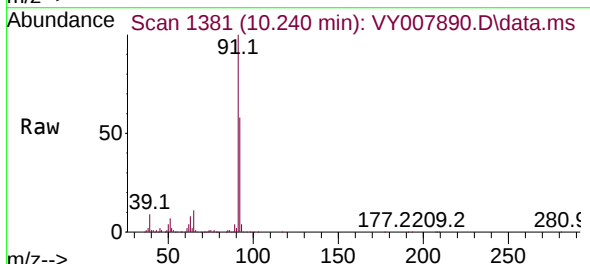
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

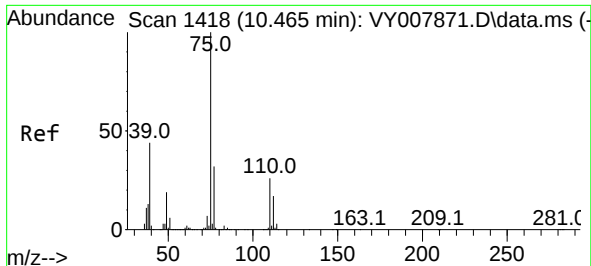
Tgt Ion: 43 Resp: 720966  
Ion Ratio Lower Upper  
43 100  
58 40.5 28.1 42.1



#52  
Toluene  
Concen: 45.118 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 92 Resp: 428934  
Ion Ratio Lower Upper  
92 100  
91 172.1 142.6 213.8

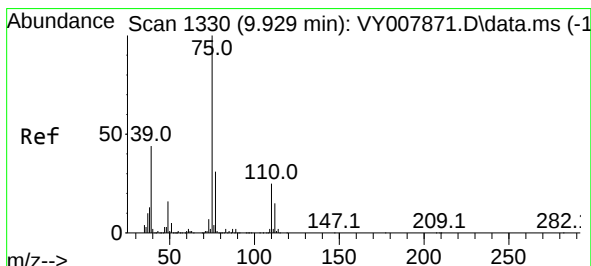
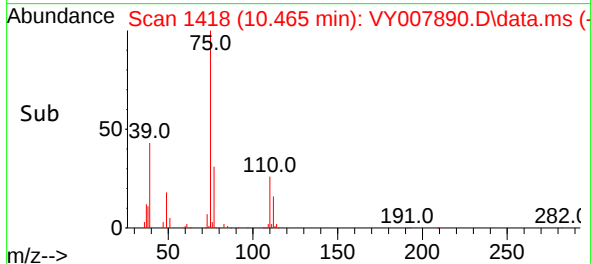
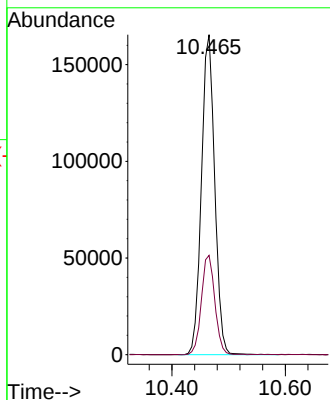
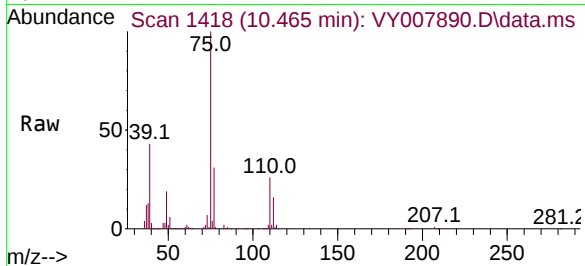




#53  
t-1,3-Dichloropropene  
Concen: 46.380 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

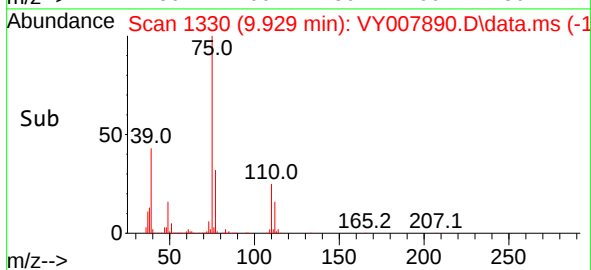
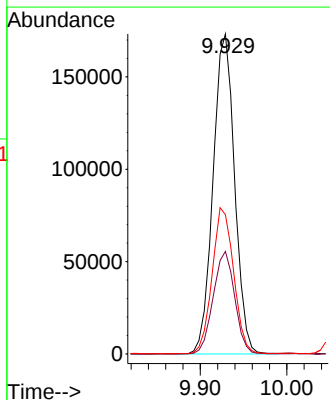
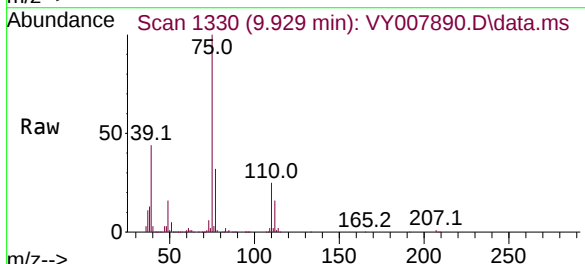
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

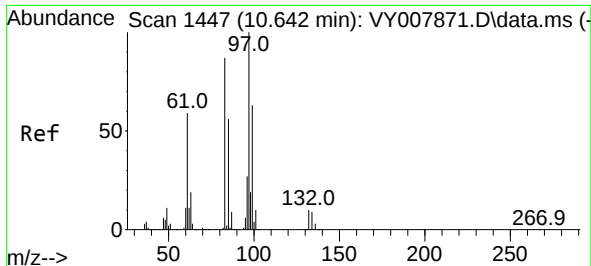
Tgt Ion: 75 Resp: 268025  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 46.443 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 75 Resp: 299294  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4  
39 43.5 47.6 71.4#

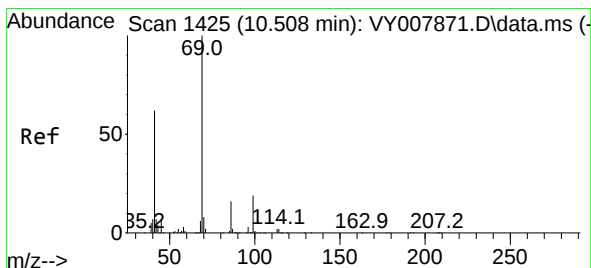
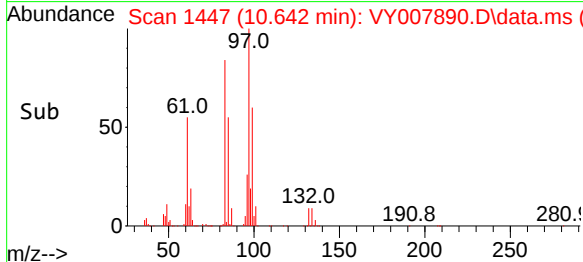
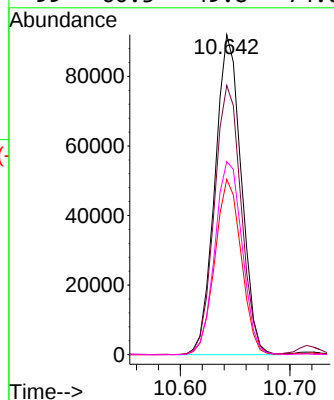
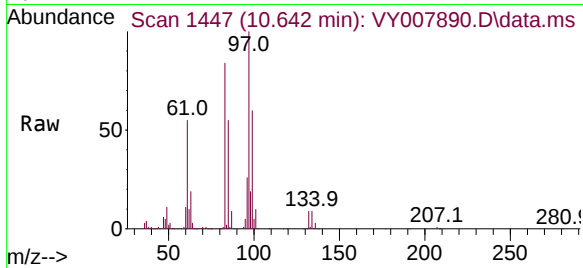




#55  
1,1,2-Trichloroethane  
Concen: 47.152 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

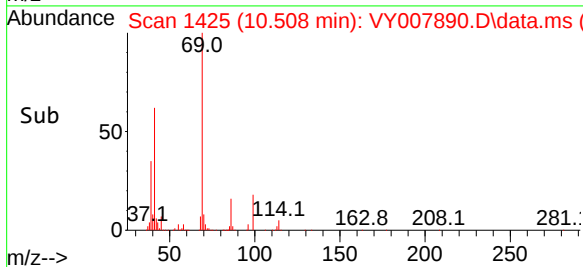
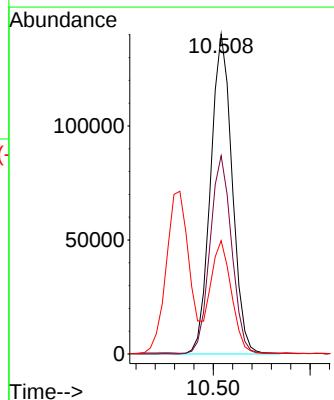
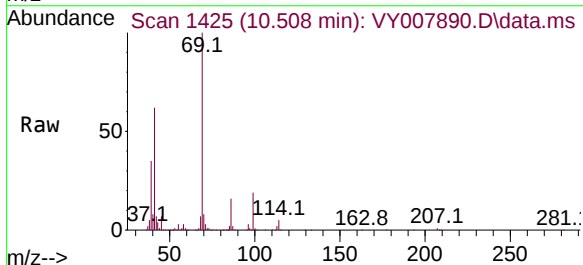
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

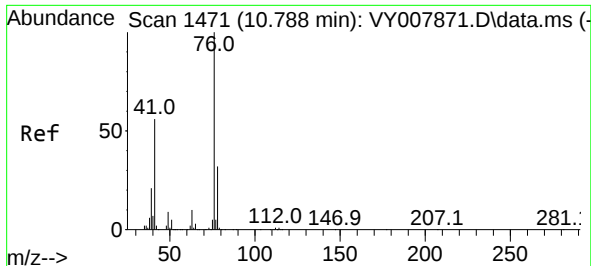
Tgt Ion: 97 Resp: 153609  
Ion Ratio Lower Upper  
97 100  
83 84.1 69.8 104.8  
85 54.7 44.3 66.5  
99 60.3 49.8 74.6



#56  
Ethyl methacrylate  
Concen: 46.503 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 69 Resp: 217489  
Ion Ratio Lower Upper  
69 100  
41 62.3 63.4 95.0#  
39 33.0 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 47.233 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

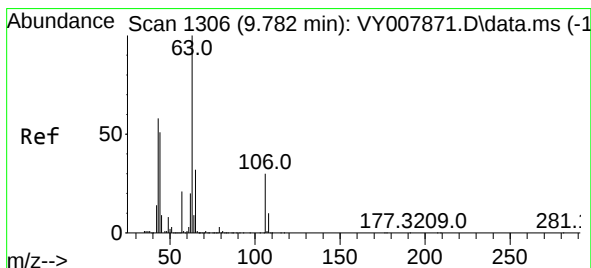
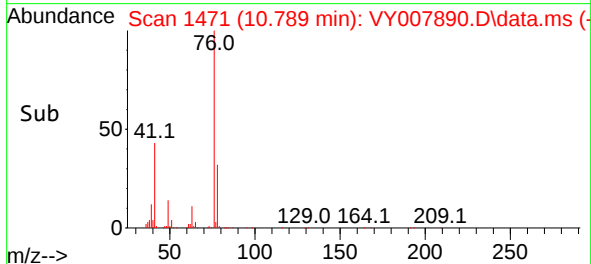
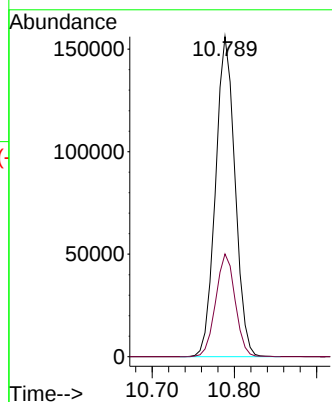
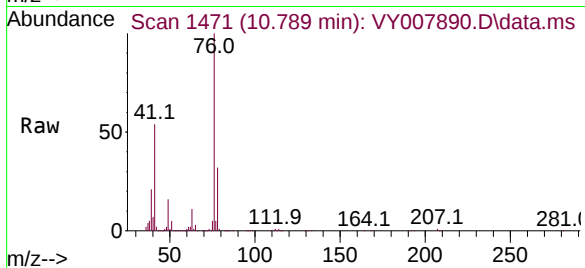
VSTDCCC050EC

Tgt Ion: 76 Resp: 256600

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 229.778 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007890.D

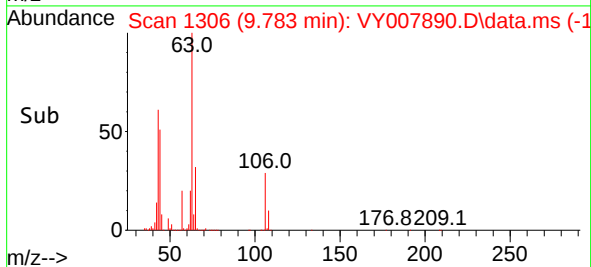
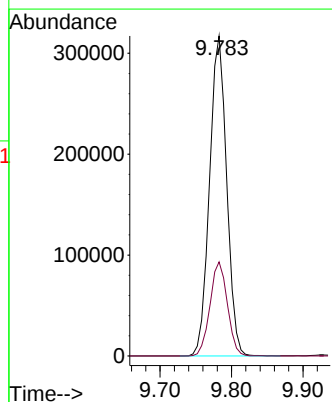
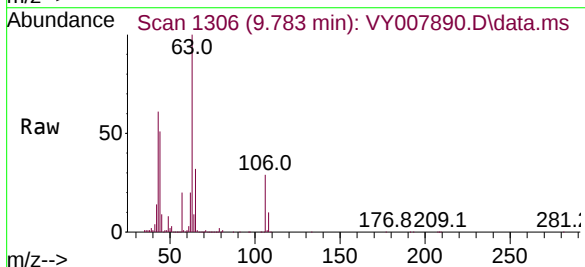
Acq: 17 Mar 2022 21:23

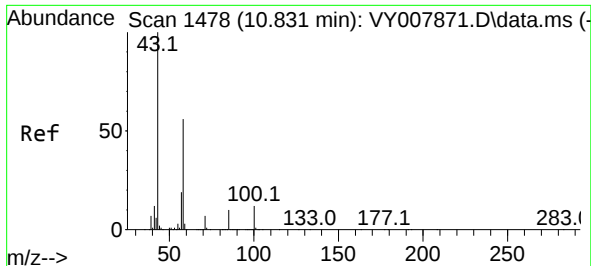
Tgt Ion: 63 Resp: 527180

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

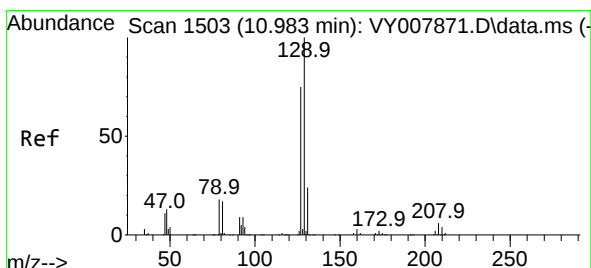
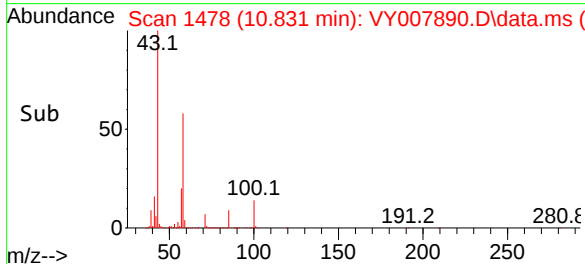
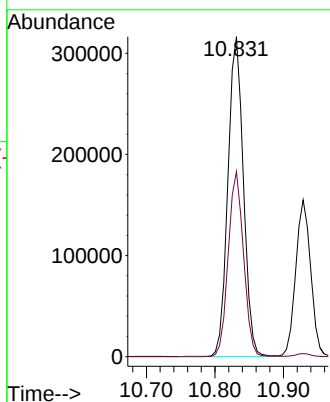
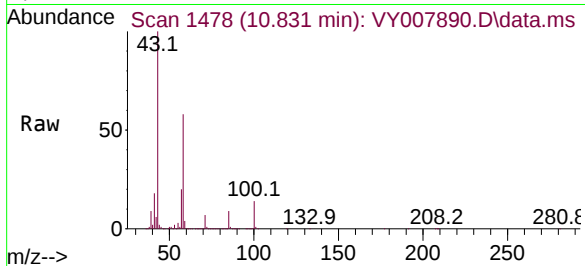




#59  
2-Hexanone  
Concen: 220.431 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

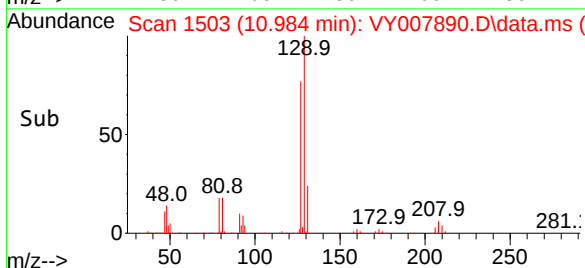
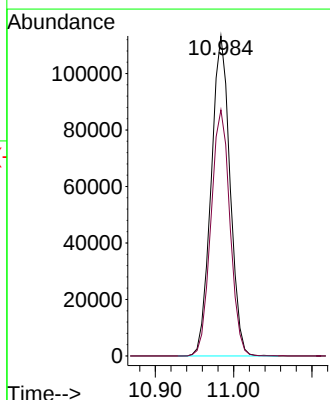
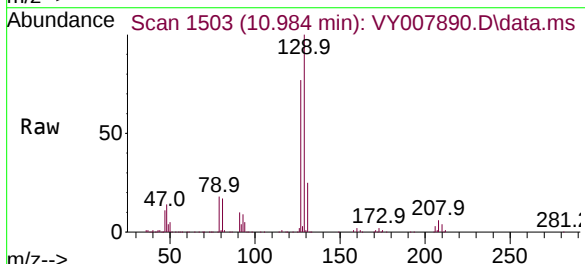
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

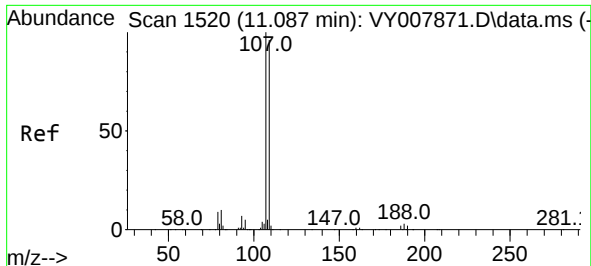
Tgt Ion: 43 Resp: 494909  
Ion Ratio Lower Upper  
43 100  
58 57.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 48.624 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion:129 Resp: 189719  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.7 116.1

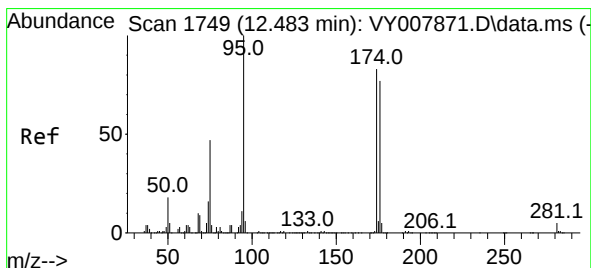
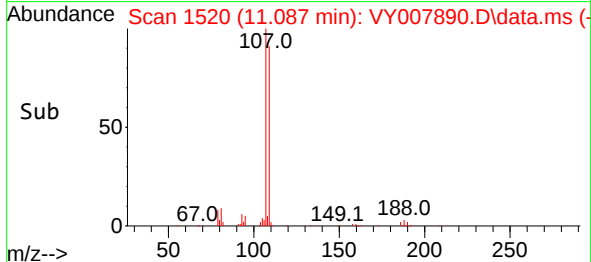
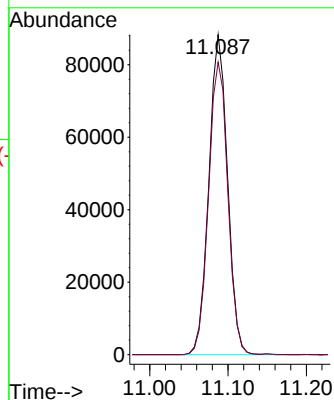
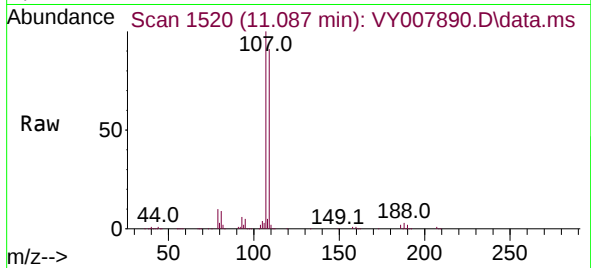




#61  
1,2-Dibromoethane  
Concen: 46.405 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

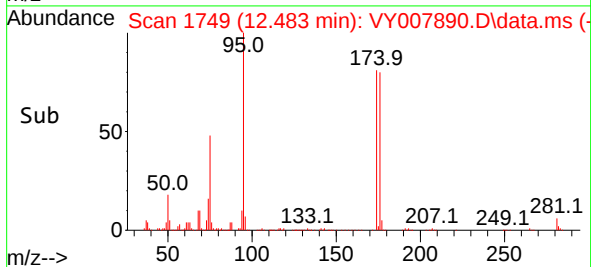
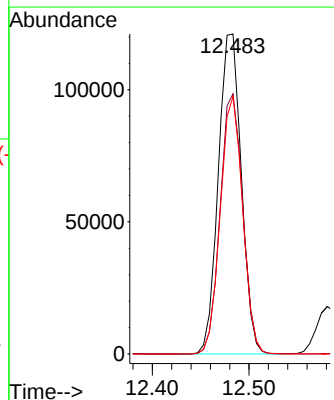
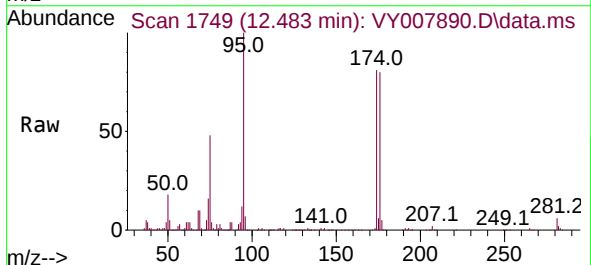
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

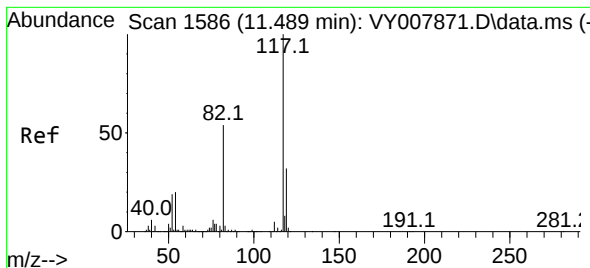
Tgt Ion:107 Resp: 146252  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 40.790 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 95 Resp: 199945  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 177.0  
176 77.9 0.0 175.8

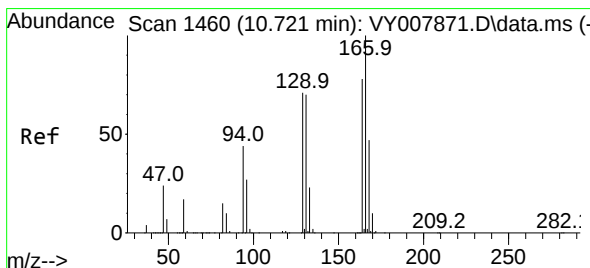
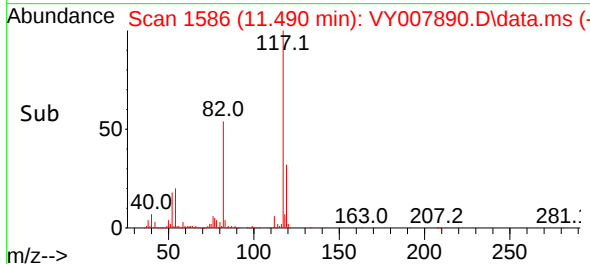
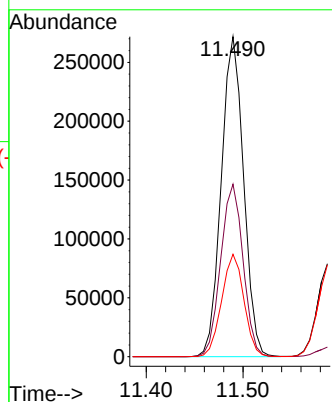
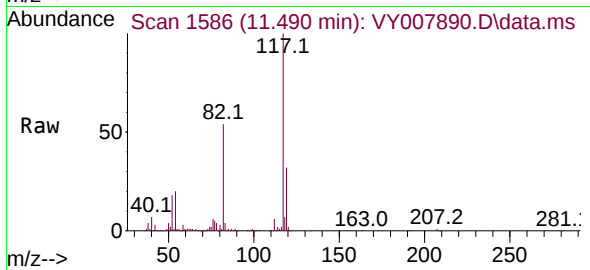




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

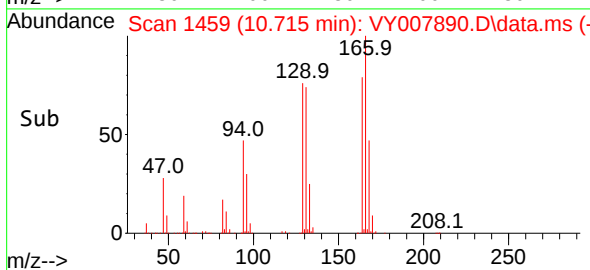
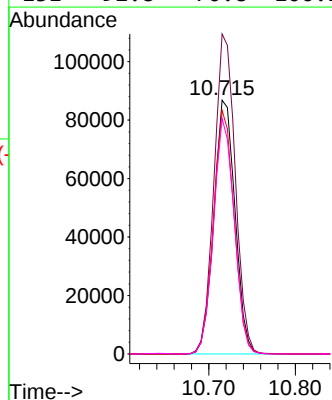
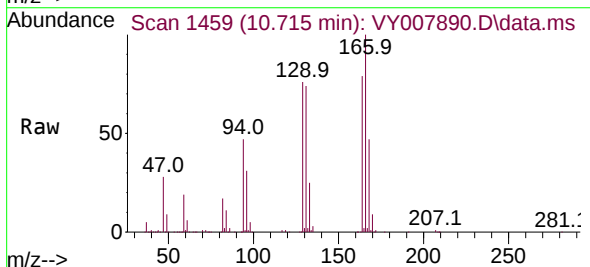
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

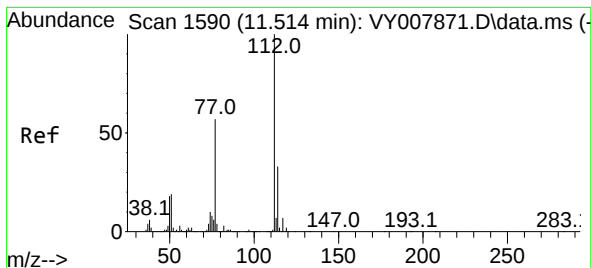
Tgt Ion:117 Resp: 435445  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.0 64.4  
119 32.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 43.503 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion:164 Resp: 147410  
Ion Ratio Lower Upper  
164 100  
166 126.1 100.4 150.6  
129 96.0 71.4 107.0  
131 92.8 70.8 106.2





#65

Chlorobenzene

Concen: 45.812 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

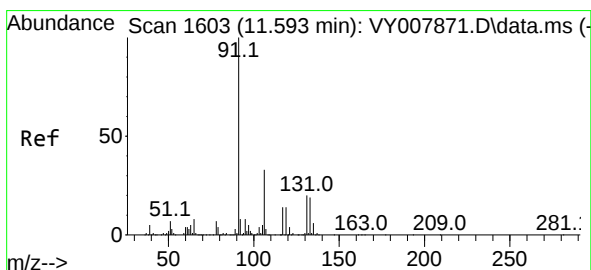
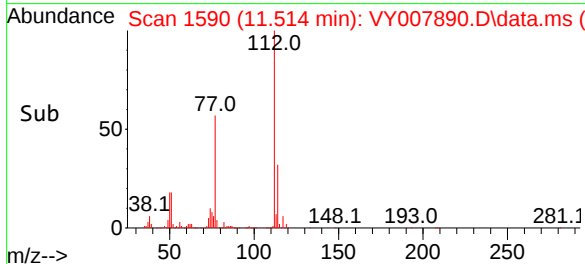
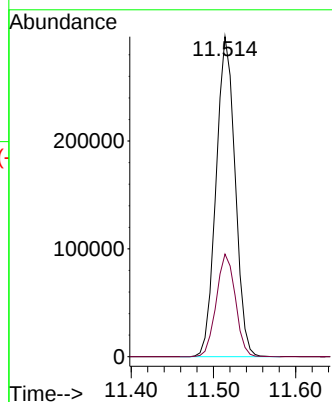
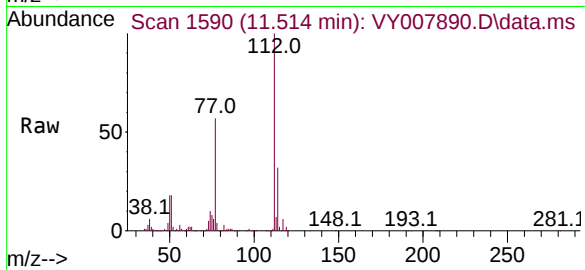
VSTDCCC050EC

Tgt Ion:112 Resp: 477871

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.554 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

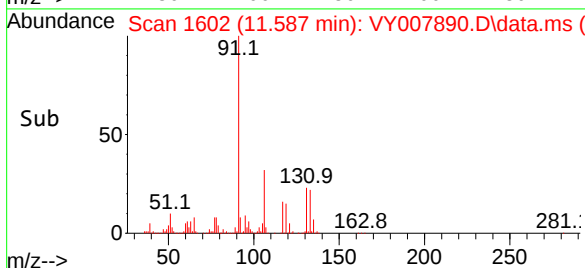
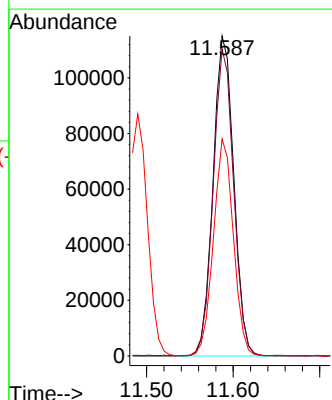
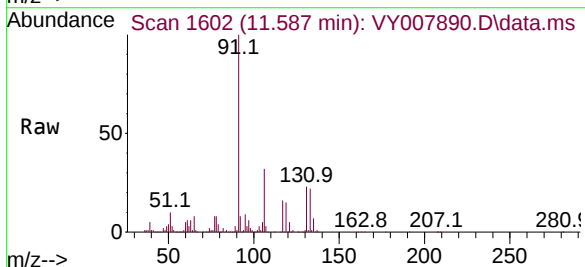
Tgt Ion:131 Resp: 190688

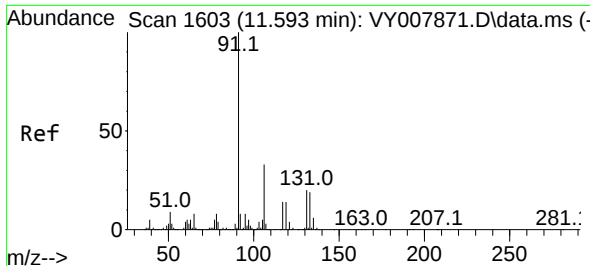
Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

119 65.4 30.8 92.3

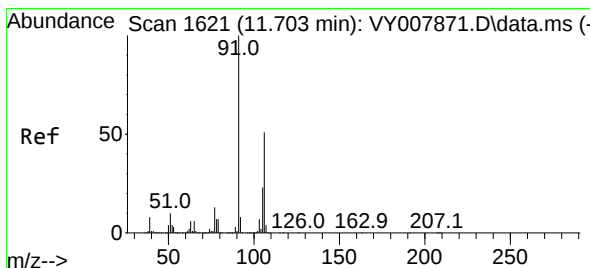
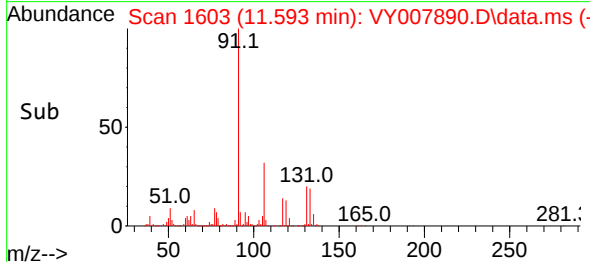
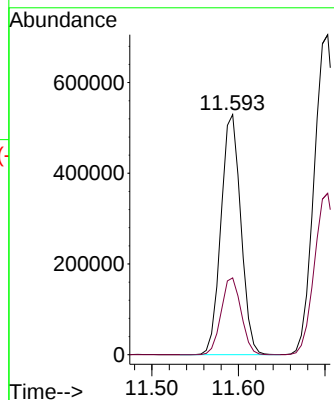
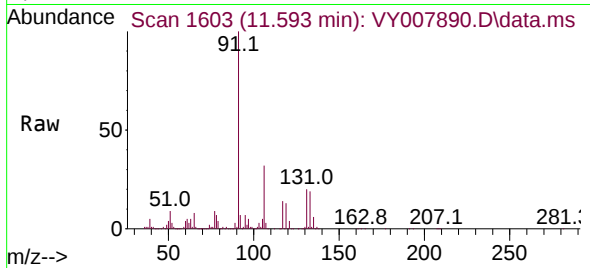




#67  
Ethyl Benzene  
Concen: 45.309 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

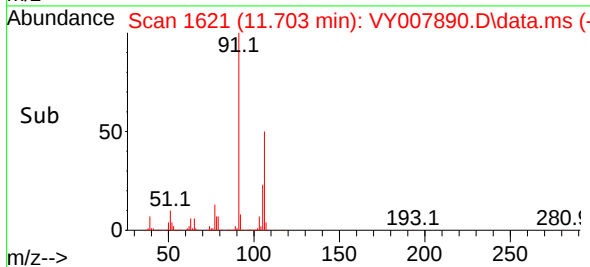
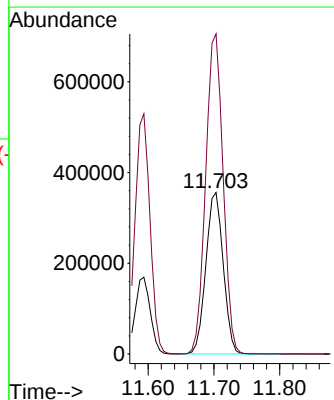
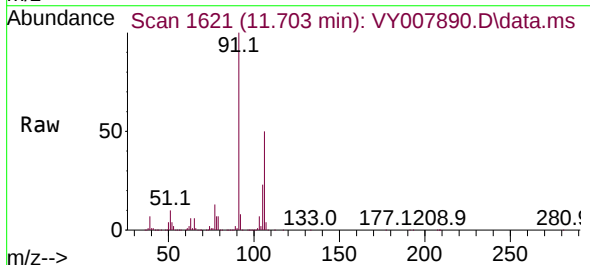
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

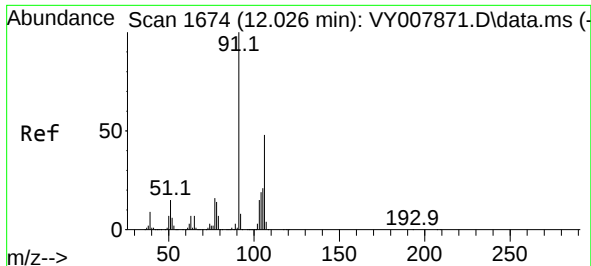
Tgt Ion: 91 Resp: 841889  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.5 36.7



#68  
m/p-Xylenes  
Concen: 89.980 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 106 Resp: 652190  
Ion Ratio Lower Upper  
106 100  
91 199.3 166.6 249.8

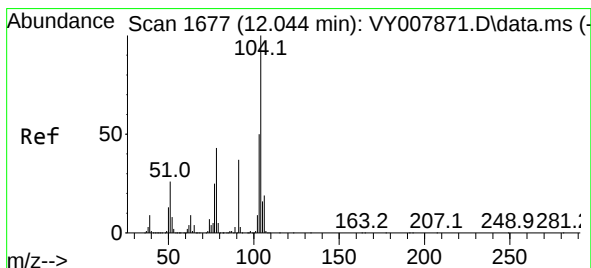
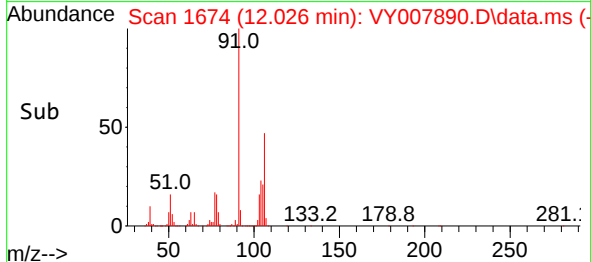
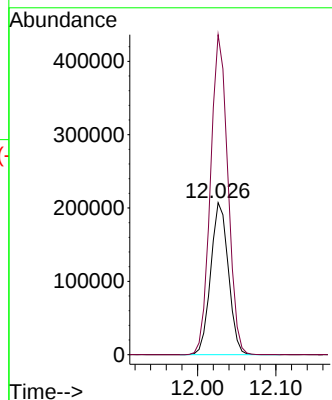
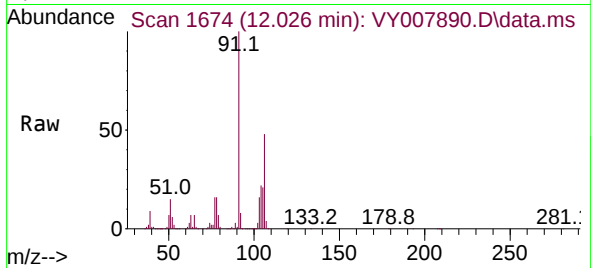




#69  
o-Xylene  
Concen: 46.153 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

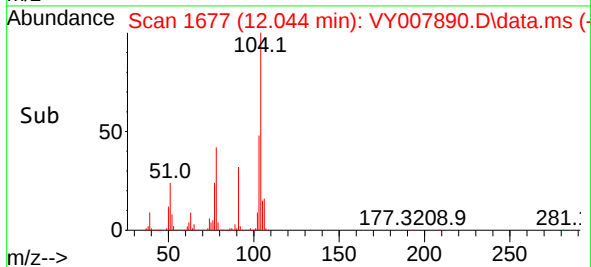
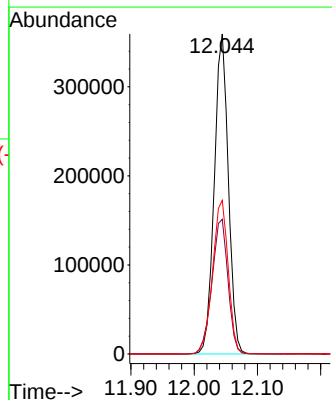
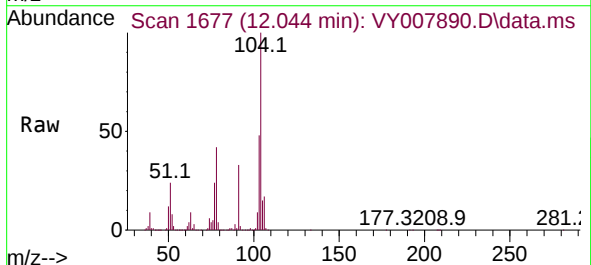
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

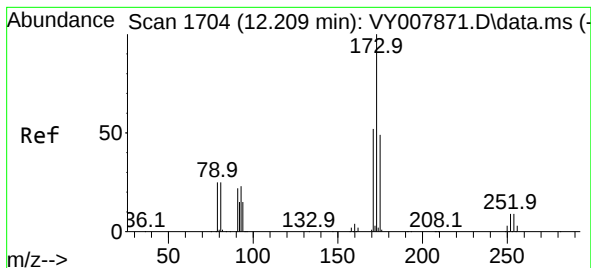
Tgt Ion:106 Resp: 323576  
Ion Ratio Lower Upper  
106 100  
91 207.9 110.3 331.0



#70  
Styrene  
Concen: 47.202 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion:104 Resp: 556391  
Ion Ratio Lower Upper  
104 100  
78 47.8 42.4 63.6  
103 53.4 44.4 66.6





#71

Bromoform

Concen: 47.232 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

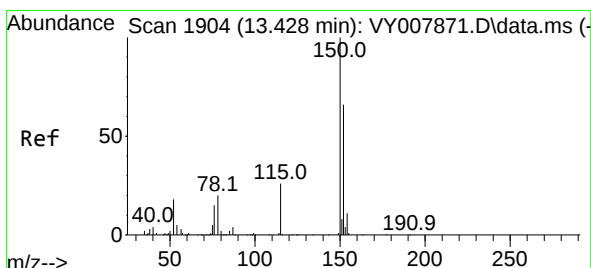
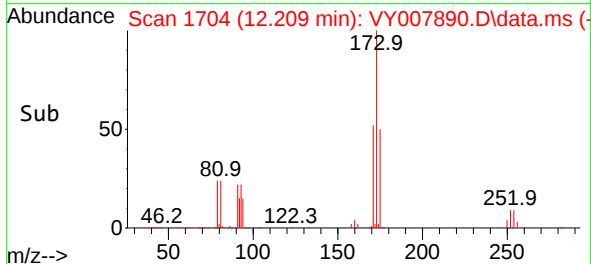
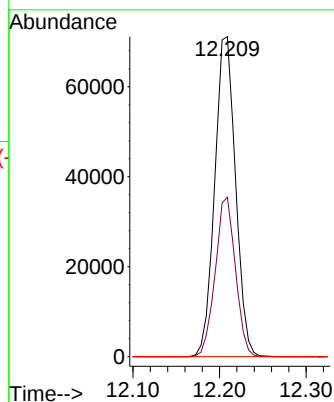
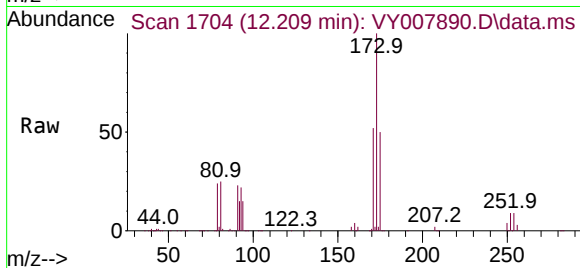
Tgt Ion:173 Resp: 118813

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

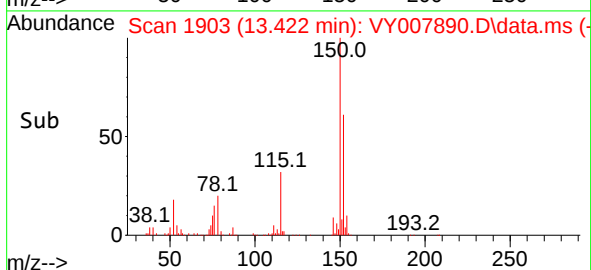
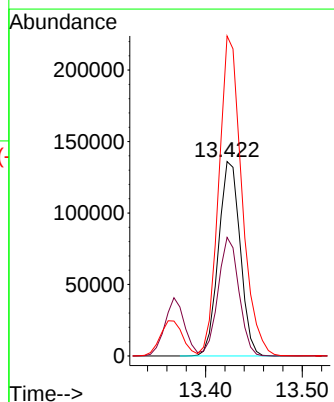
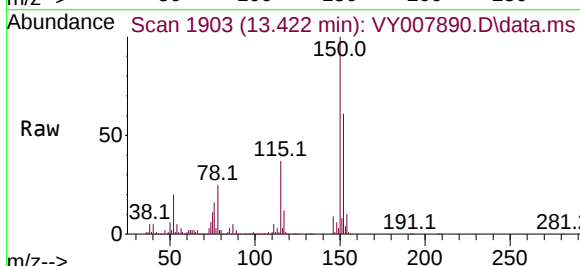
Tgt Ion:152 Resp: 211506

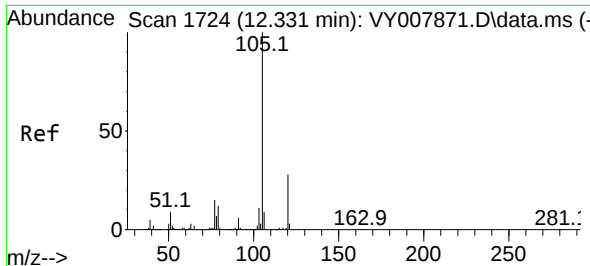
Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 175.2 0.0 347.6

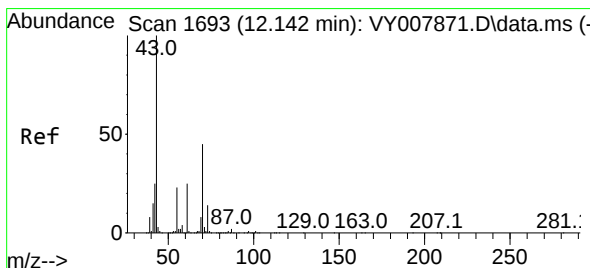
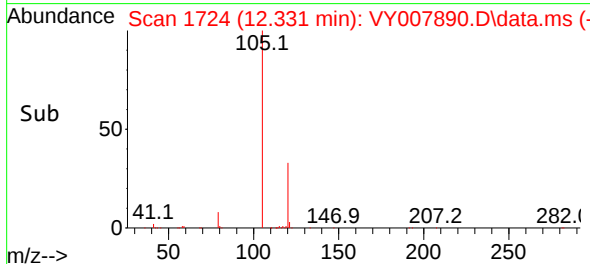
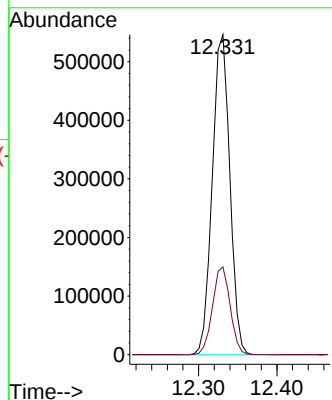
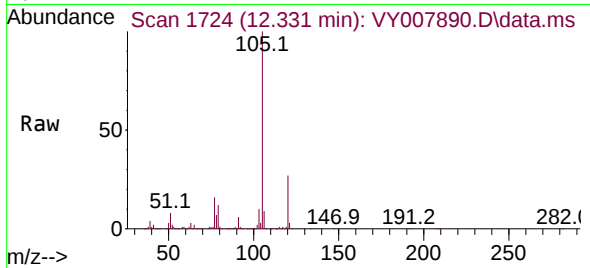




#73  
Isopropylbenzene  
Concen: 45.623 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

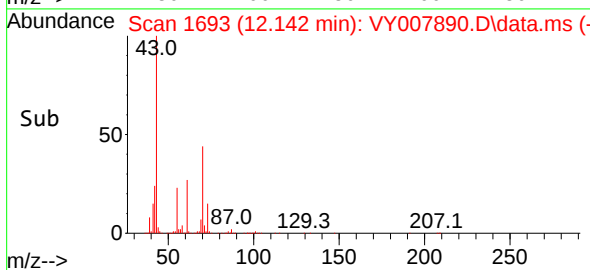
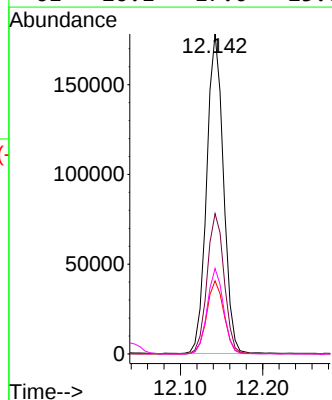
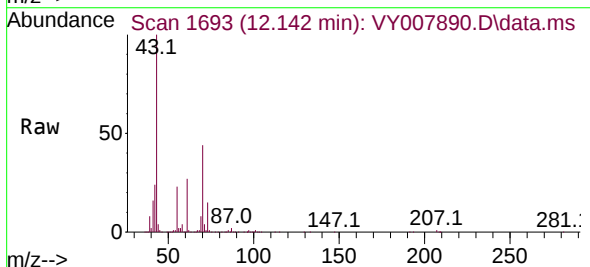
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

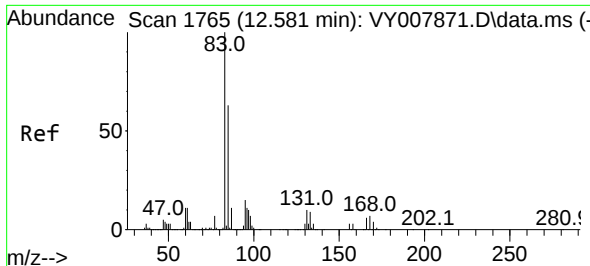
Tgt Ion:105 Resp: 849359  
Ion Ratio Lower Upper  
105 100  
120 27.5 13.4 40.2



#74  
N-ethyl acetate  
Concen: 45.964 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 43 Resp: 252462  
Ion Ratio Lower Upper  
43 100  
70 44.5 28.7 43.1#  
55 23.6 17.3 25.9  
61 26.1 17.0 25.6#

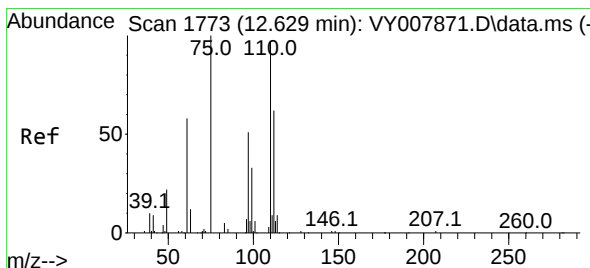
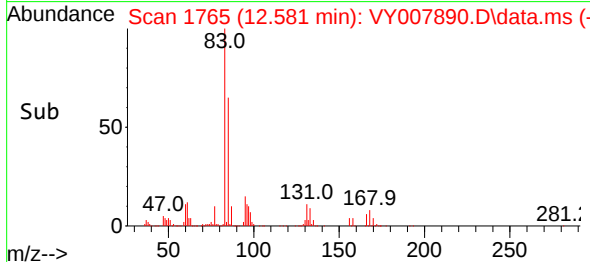
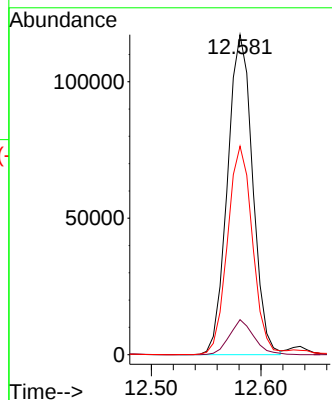
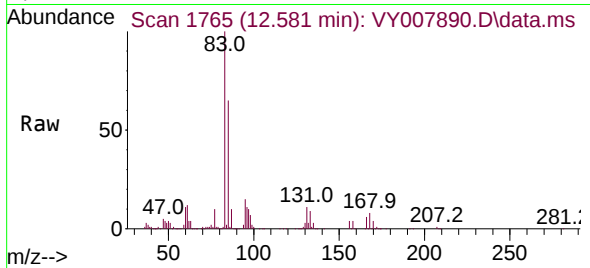




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.631 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

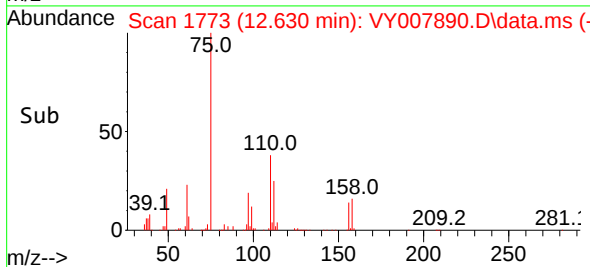
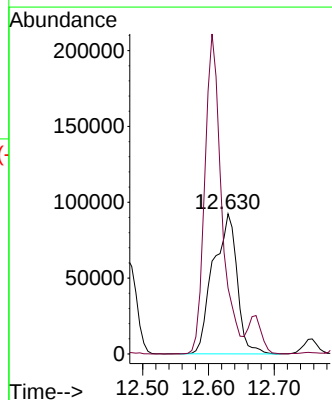
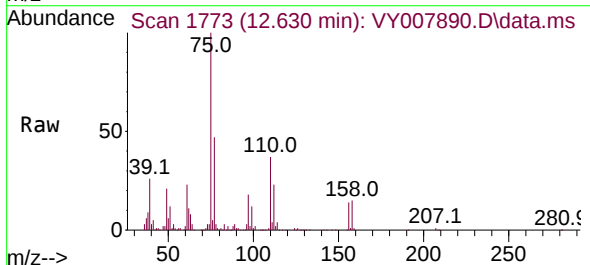
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

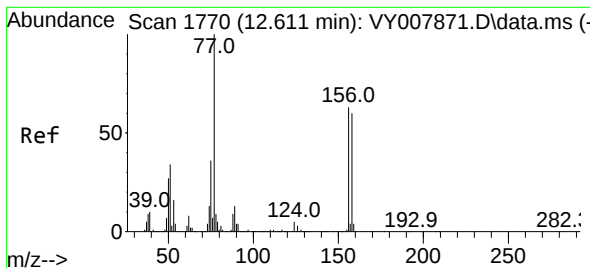
Tgt Ion: 83 Resp: 186870  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.6 16.8  
85 65.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 77.650 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 75 Resp: 234089  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.127 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

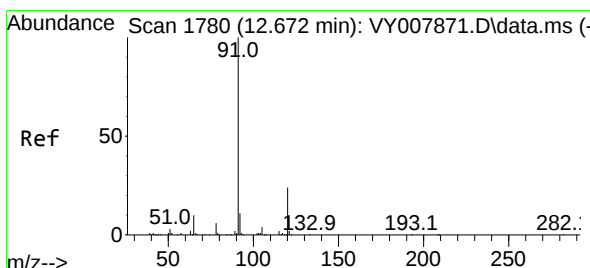
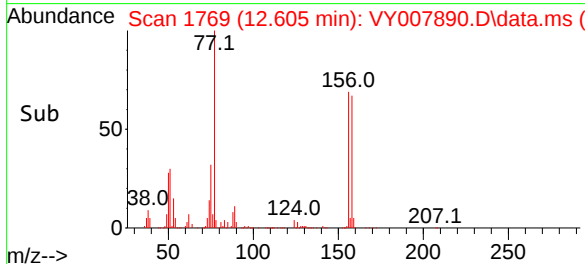
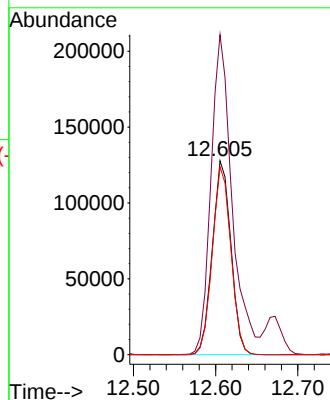
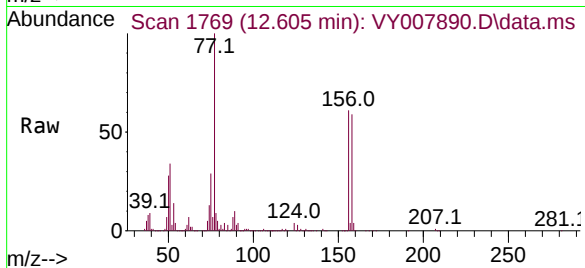
Tgt Ion:156 Resp: 200492

Ion Ratio Lower Upper

156 100

77 188.5 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 45.056 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007890.D

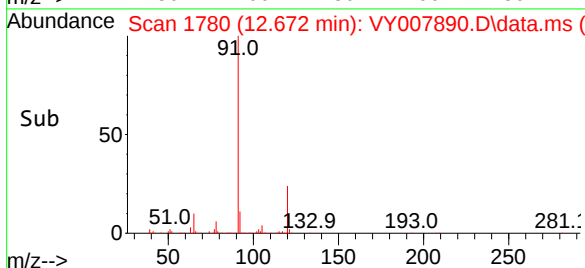
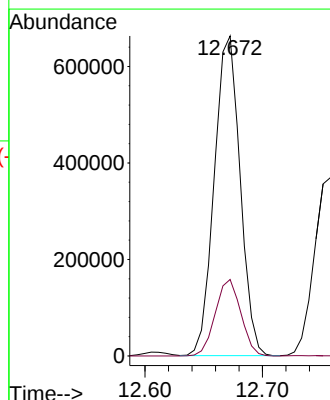
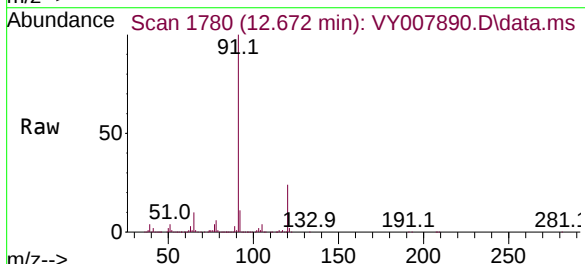
Acq: 17 Mar 2022 21:23

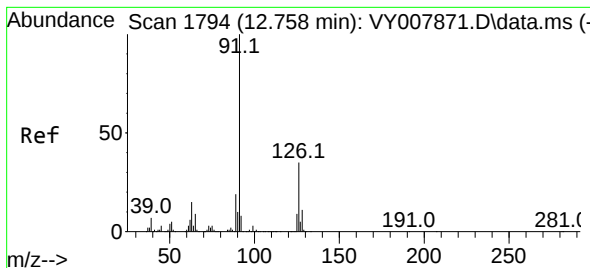
Tgt Ion: 91 Resp: 1012888

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9

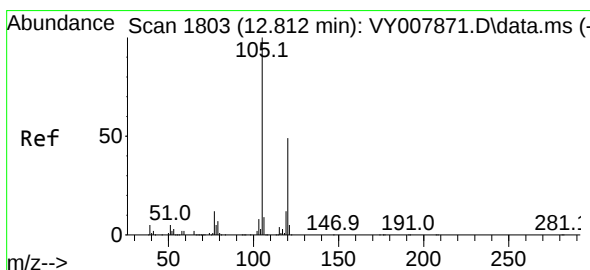
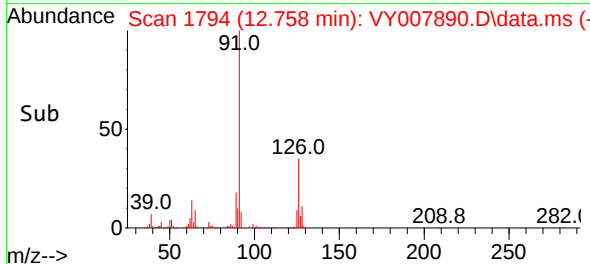
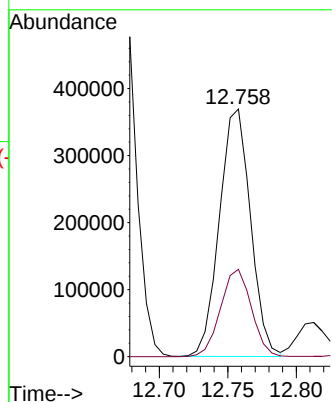
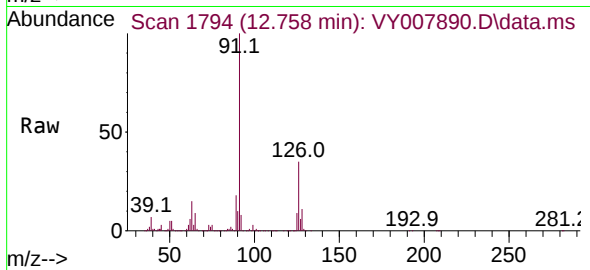




#79  
2-Chlorotoluene  
Concen: 46.214 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

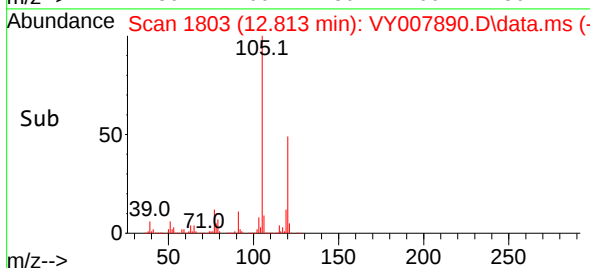
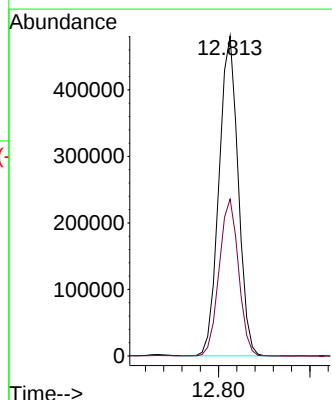
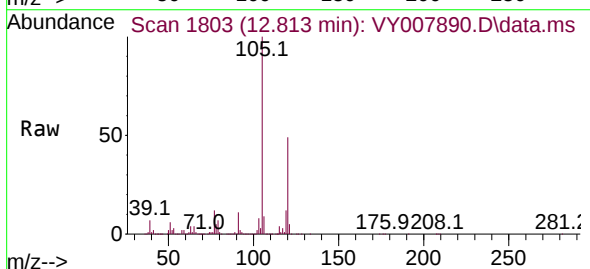
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

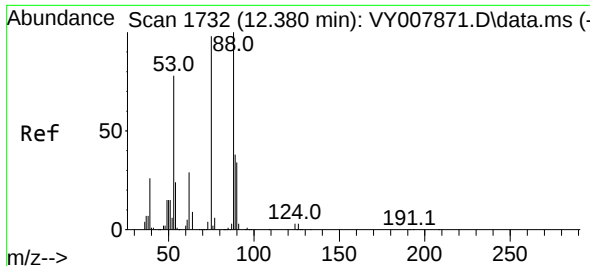
Tgt Ion: 91 Resp: 584522  
Ion Ratio Lower Upper  
91 100  
126 35.0 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 45.774 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 105 Resp: 700800  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.4 73.4

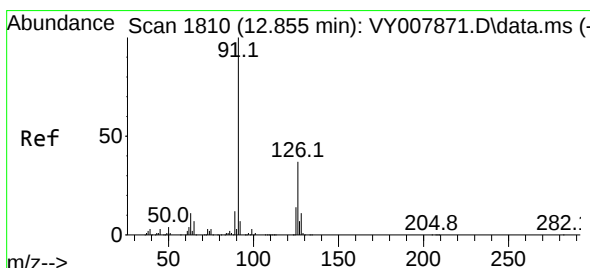
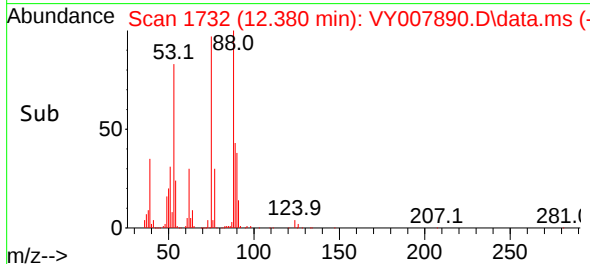
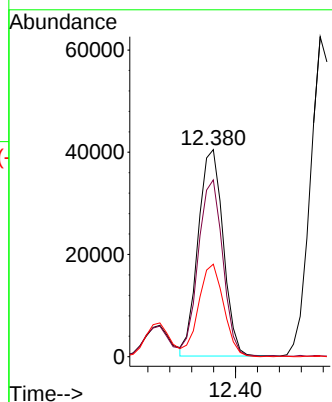
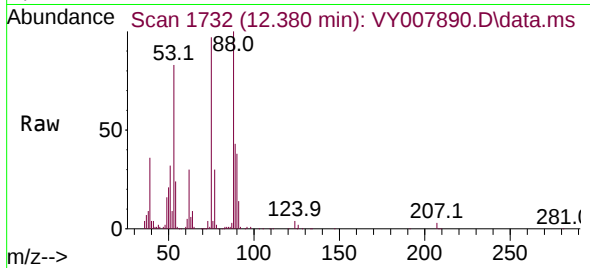




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.636 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

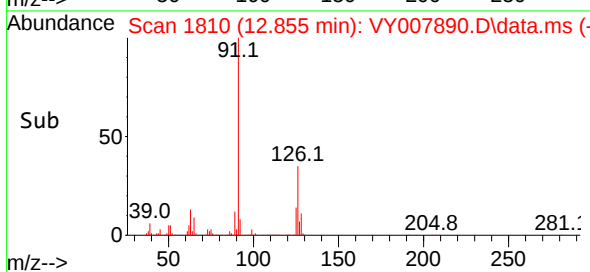
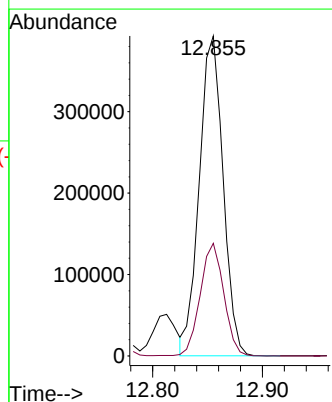
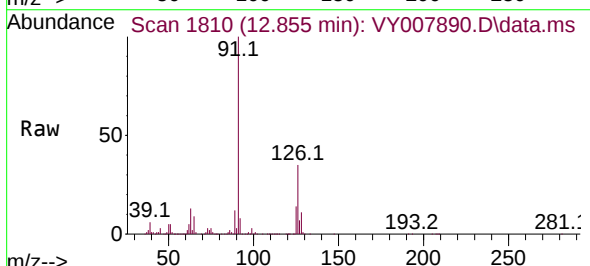
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

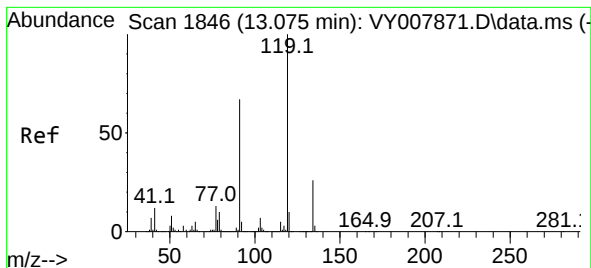
Tgt Ion: 75 Resp: 64065  
Ion Ratio Lower Upper  
75 100  
53 83.7 85.3 127.9#  
89 45.1 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 45.088 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 91 Resp: 592424  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.0 51.0

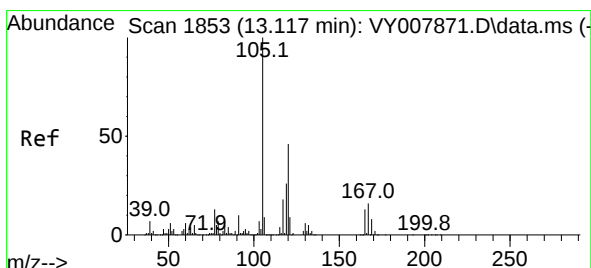
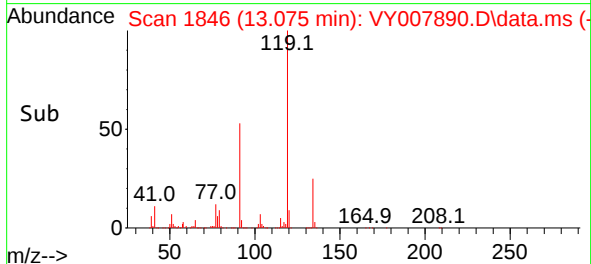
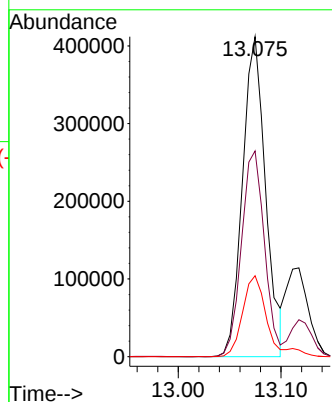
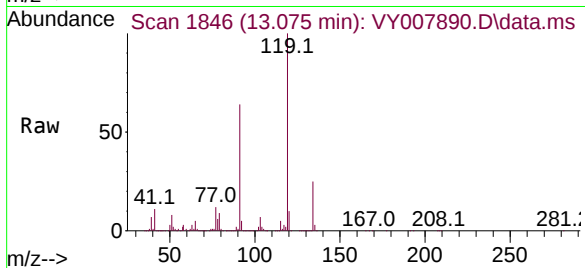




#83  
 tert-Butylbenzene  
 Concen: 47.026 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. 0.000 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

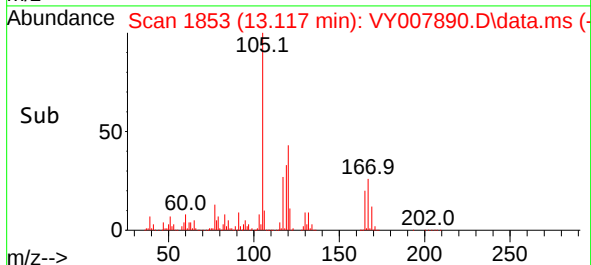
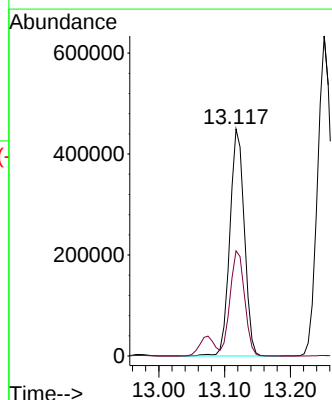
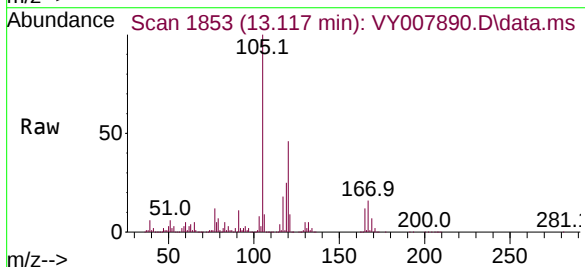
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

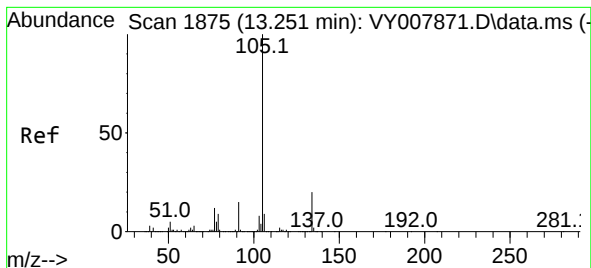
Tgt Ion:119 Resp: 644286  
 Ion Ratio Lower Upper  
 119 100  
 91 63.9 34.8 104.4  
 134 26.9 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 45.762 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. -0.006 min  
 Lab File: VY007890.D  
 Acq: 17 Mar 2022 21:23

Tgt Ion:105 Resp: 686798  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.797 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

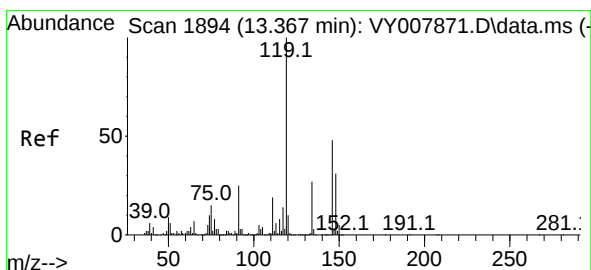
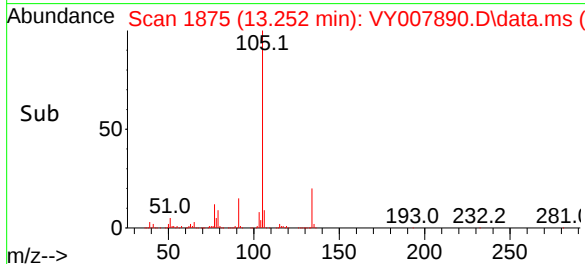
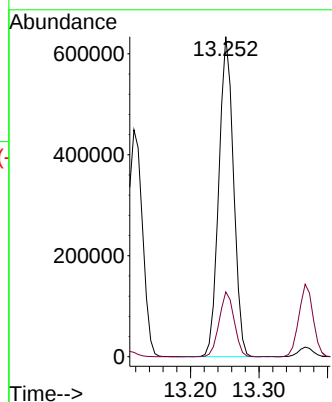
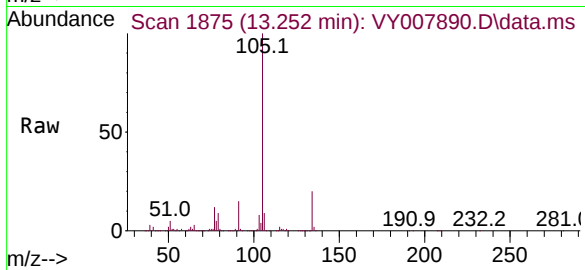
VSTDCCC050EC

Tgt Ion:105 Resp: 940329

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 45.712 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

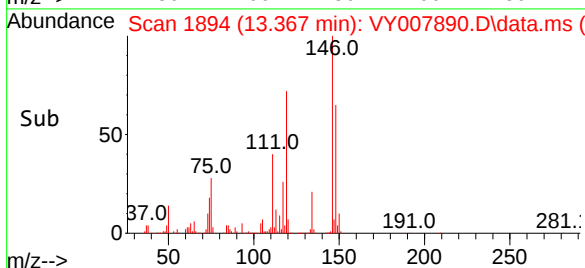
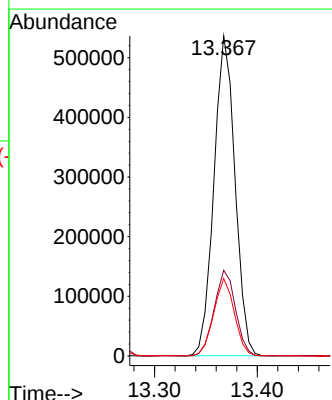
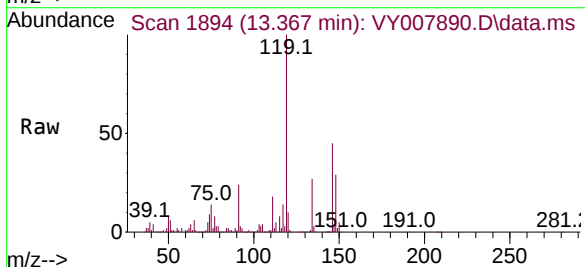
Tgt Ion:119 Resp: 761970

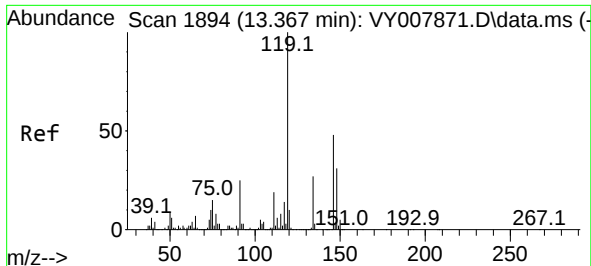
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.608 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

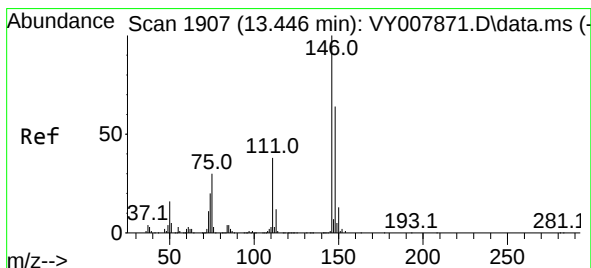
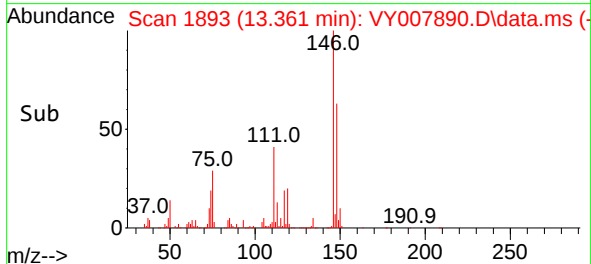
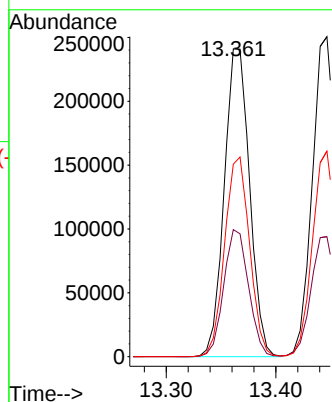
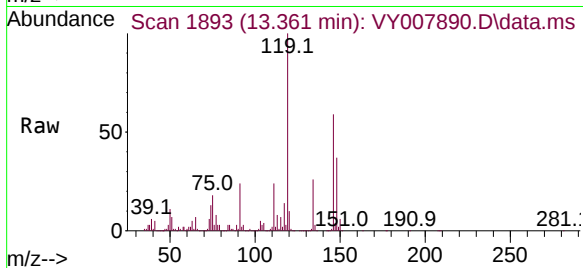
Tgt Ion:146 Resp: 387256

Ion Ratio Lower Upper

146 100

111 40.5 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.766 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

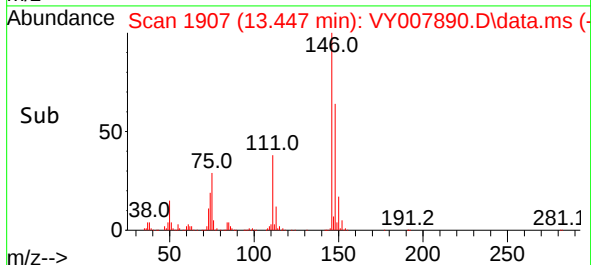
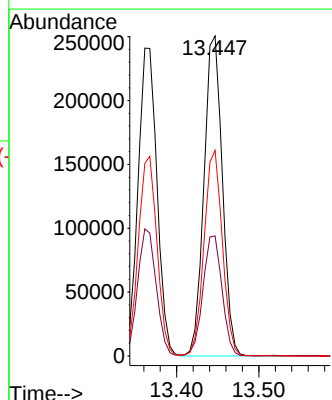
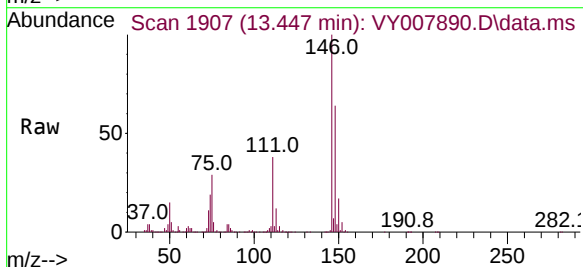
Tgt Ion:146 Resp: 389448

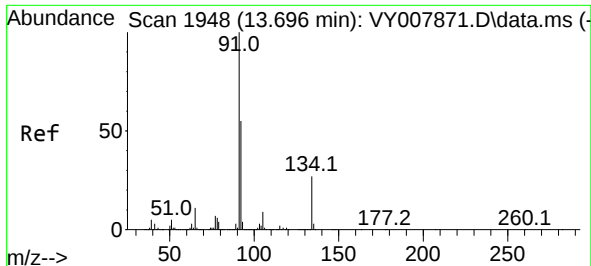
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

148 63.9 32.6 97.8

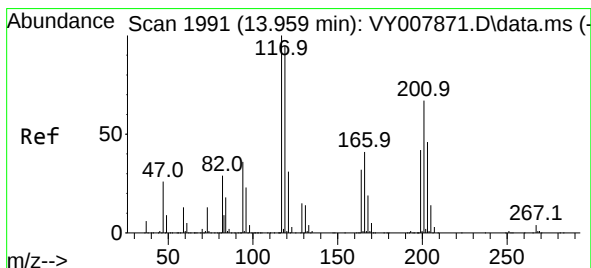
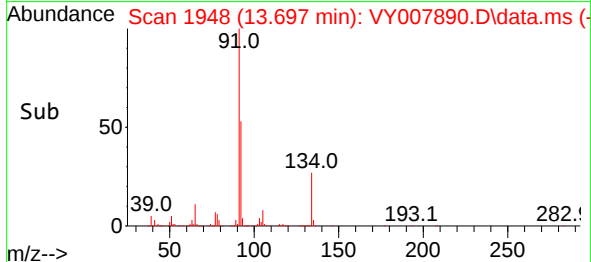
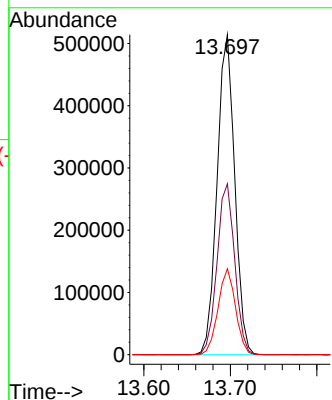
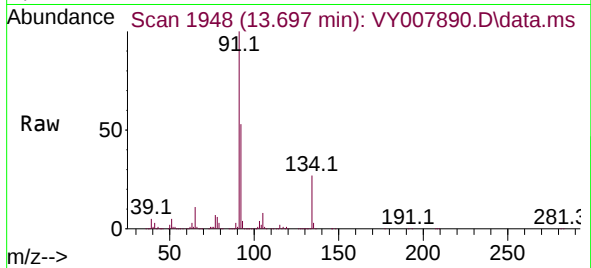




#89  
n-Butylbenzene  
Concen: 45.355 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

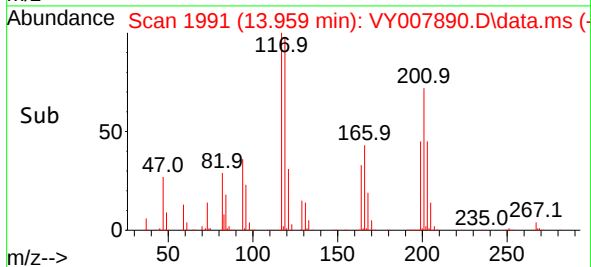
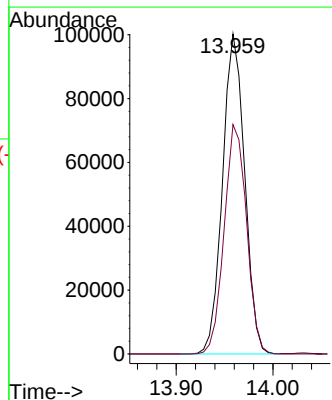
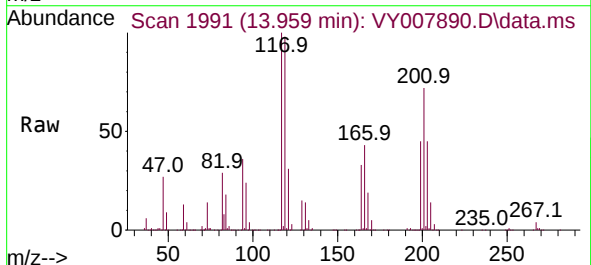
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

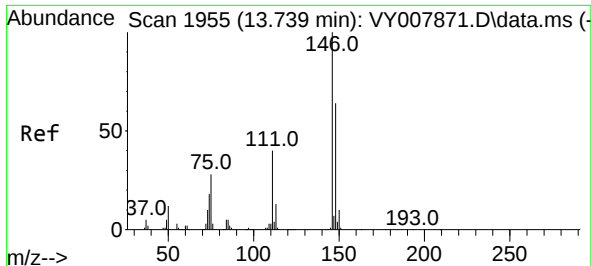
Tgt Ion: 91 Resp: 725530  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.3 78.9  
134 26.7 13.0 38.9



#90  
Hexachloroethane  
Concen: 47.795 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion: 117 Resp: 159018  
Ion Ratio Lower Upper  
117 100  
201 72.5 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 47.876 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

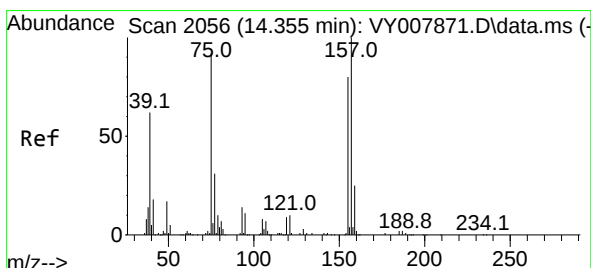
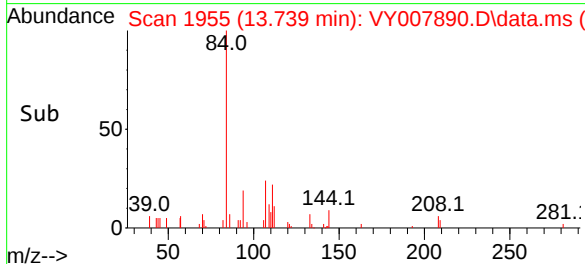
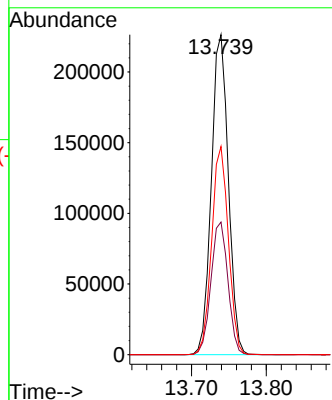
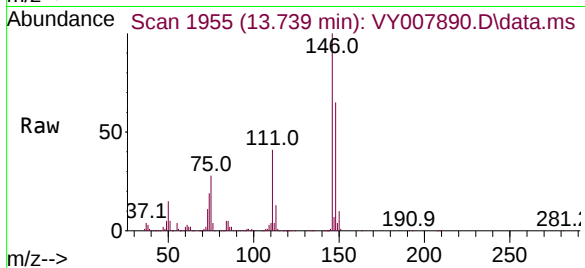
Tgt Ion:146 Resp: 357809

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.268 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

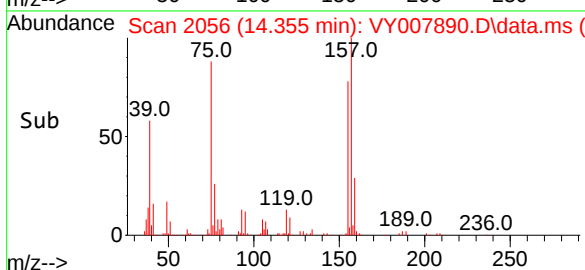
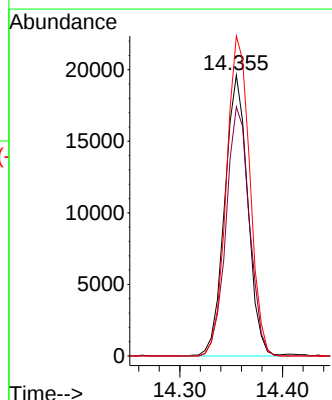
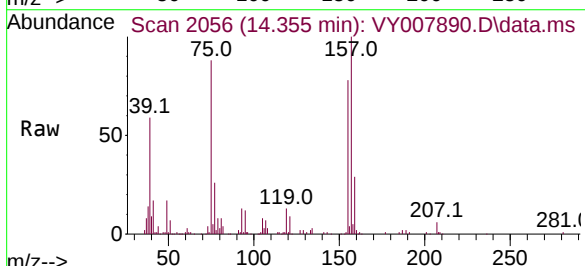
Tgt Ion: 75 Resp: 30520

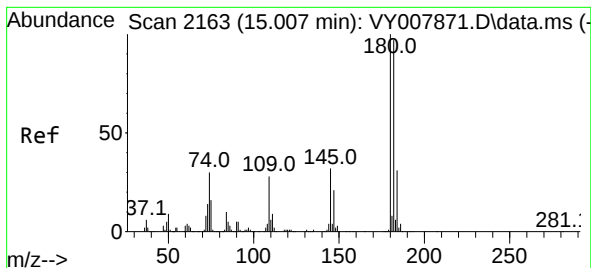
Ion Ratio Lower Upper

75 100

155 89.8 38.0 113.9

157 115.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 46.871 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

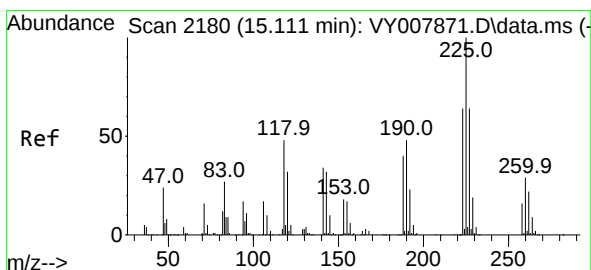
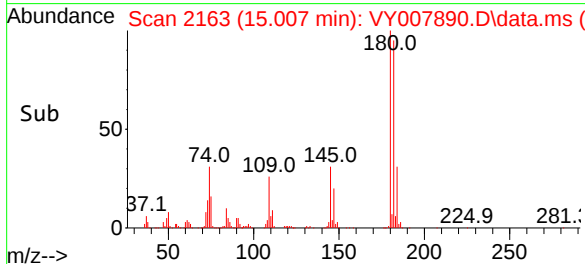
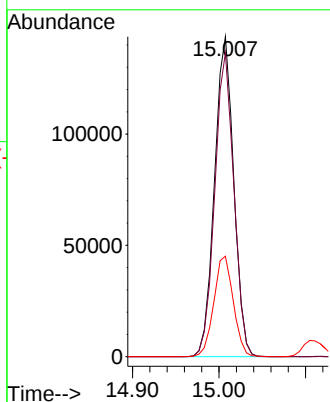
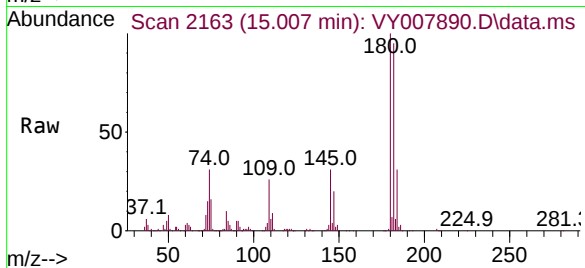
Tgt Ion:180 Resp: 221438

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 31.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.297 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY007890.D

Acq: 17 Mar 2022 21:23

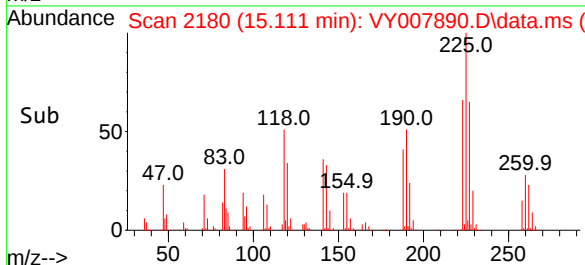
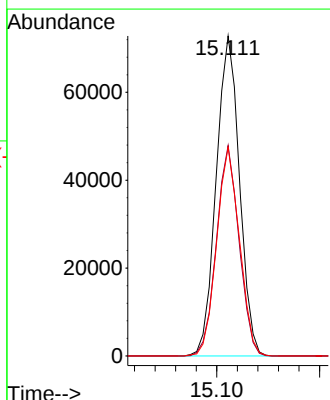
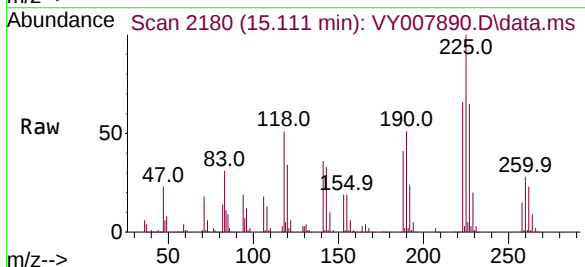
Tgt Ion:225 Resp: 114170

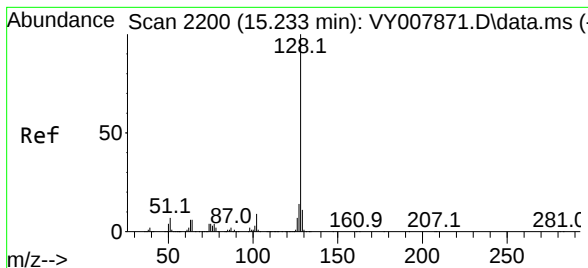
Ion Ratio Lower Upper

225 100

223 63.9 30.8 92.3

227 63.9 31.6 94.7

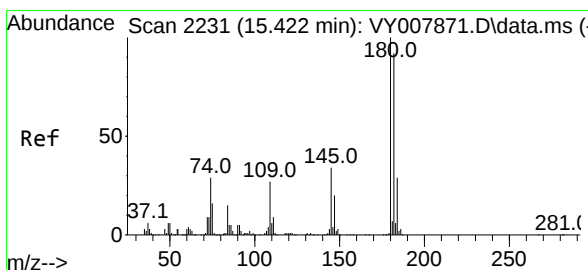
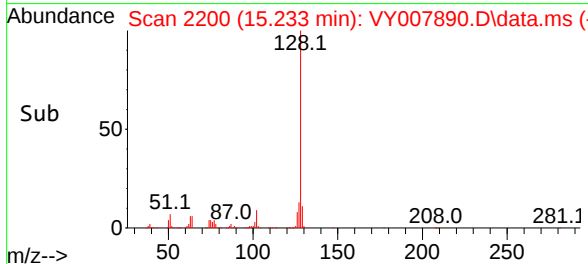
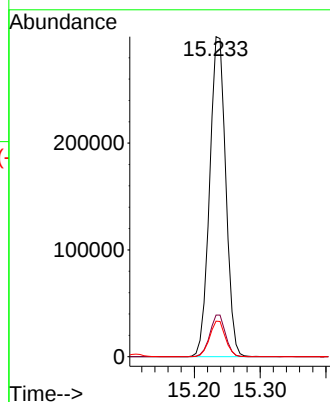
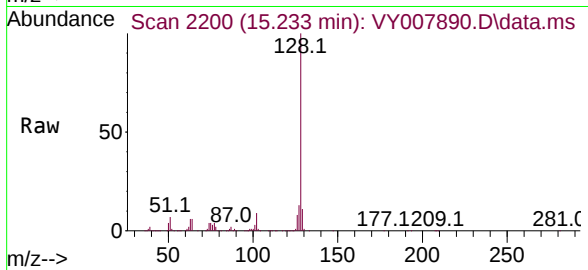




#95  
Naphthalene  
Concen: 48.480 ug/l  
RT: 15.233 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 511003  
Ion Ratio Lower Upper  
128 100  
127 12.7 11.0 16.4  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 47.751 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY007890.D  
Acq: 17 Mar 2022 21:23

Tgt Ion:180 Resp: 198975  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.3 141.9  
145 34.1 15.3 45.9

