

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY013122\  
 Data File : VY007338.D  
 Acq On : 31 Jan 2022 13:11  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 01 01:51:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.801  | 168   | 132130   | 50.000   | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 222799   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 194124   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.434 | 152   | 86649    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 74102    | 45.707   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 91.420%  |
| 35) Dibromofluoromethane     | 7.728  | 113   | 72057    | 47.830   | ug/l   | 0.01     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 95.660%  |
| 50) Toluene-d8               | 10.185 | 98    | 244619   | 44.437   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 88.880%  |
| 62) 4-Bromofluorobenzene     | 12.489 | 95    | 88227    | 45.057   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 90.120%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.918  | 85    | 16042    | 34.625   | ug/l   | 97       |
| 3) Chloromethane             | 2.119  | 50    | 46644    | 48.008   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.266  | 62    | 69716    | 49.302   | ug/l   | 99       |
| 5) Bromomethane              | 2.668  | 94    | 47293    | 51.650   | ug/l   | 99       |
| 6) Chloroethane              | 2.808  | 64    | 44266    | 50.172   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 83782    | 54.977   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.540  | 74    | 42651    | 50.824   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 76259    | 51.360   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.101  | 142   | 107440   | 48.924   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.954  | 59    | 34899    | 252.503  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 73494    | 49.155   | ug/l   | 96       |
| 13) Acrolein                 | 3.735  | 56    | 7458     | 222.777  | ug/l   | 97       |
| 14) Allyl chloride           | 4.491  | 41    | 121599   | 50.723   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.174  | 53    | 109046   | 270.372  | ug/l   | 98       |
| 16) Acetone                  | 3.954  | 43    | 108471   | 257.801  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.210  | 76    | 180244   | 43.411   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485  | 43    | 73780    | 49.281   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.235  | 73    | 154852   | 52.609   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.729  | 84    | 81786    | 47.007   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 78345    | 48.334   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.131  | 45    | 255889   | 52.687   | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.070  | 43    | 768660   | 269.121  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 152039   | 51.462   | ug/l   | 99       |
| 25) 2-Butanone               | 6.996  | 43    | 141763   | 260.596  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 114810   | 53.322   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 93301    | 50.743   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.344  | 49    | 54260    | 50.773   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 91531    | 261.747  | ug/l   | 97       |
| 30) Chloroform               | 7.515  | 83    | 159146   | 51.844   | ug/l   | 96       |
| 31) Cyclohexane              | 7.795  | 56    | 124272   | 45.339   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.716  | 97    | 138000   | 52.596   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 116986   | 48.620   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082  | 43    | 64521    | 52.252   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 126331   | 49.916   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.191  | 83    | 140037   | 47.667   | ug/l   | 97       |
| 40) Benzene                  | 8.167  | 78    | 322726   | 50.283   | ug/l   | 98       |

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 01 01:51:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 86955    | 122.284  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 103843   | 51.379   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 125991   | 52.437   | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 85121    | 49.010   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 83899    | 51.404   | ug/l   | 96       |
| 46) Dibromomethane            | 9.313  | 93   | 48898    | 50.662   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.502  | 83   | 124010   | 52.264   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.301  | 41   | 54840    | 50.180   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 10639    | 1022.322 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 324140   | 266.064  | ug/l   | 96       |
| 52) Toluene                   | 10.252 | 92   | 202879   | 49.868   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 127628   | 50.955   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 143284   | 51.105   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 67222    | 51.347   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 94738    | 51.367   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 117927   | 51.677   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 188696   | 224.999  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 212954   | 257.566  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 83314    | 51.768   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 64888    | 50.451   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.727 | 164  | 66432    | 47.477   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.520 | 112  | 215992   | 50.886   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 82091    | 52.172   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.599 | 91   | 405061   | 50.773   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.709 | 106  | 298905   | 100.821  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 142071   | 50.887   | ug/l   | 99       |
| 70) Styrene                   | 12.050 | 104  | 241064   | 51.182   | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 47190    | 51.849   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.337 | 105  | 382192   | 51.068   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 103735   | 51.834   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 77571    | 53.303   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 102932   | 104.179  | ug/l # | 100      |
| 77) Bromobenzene              | 12.617 | 156  | 83255    | 51.125   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.678 | 91   | 473593   | 51.048   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 262411   | 50.872   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 309229   | 50.323   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 28483    | 52.776   | ug/l # | 98       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 270429   | 50.258   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 275807   | 51.944   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 307015   | 50.405   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 409810   | 51.590   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 333833   | 51.140   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 162233   | 50.898   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 159080   | 49.633   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 326372   | 50.777   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 66487    | 52.098   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 141336   | 49.836   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 12061    | 47.986   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 82743    | 47.977   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 43818    | 49.298   | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 178691   | 48.783   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 69705    | 47.375   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

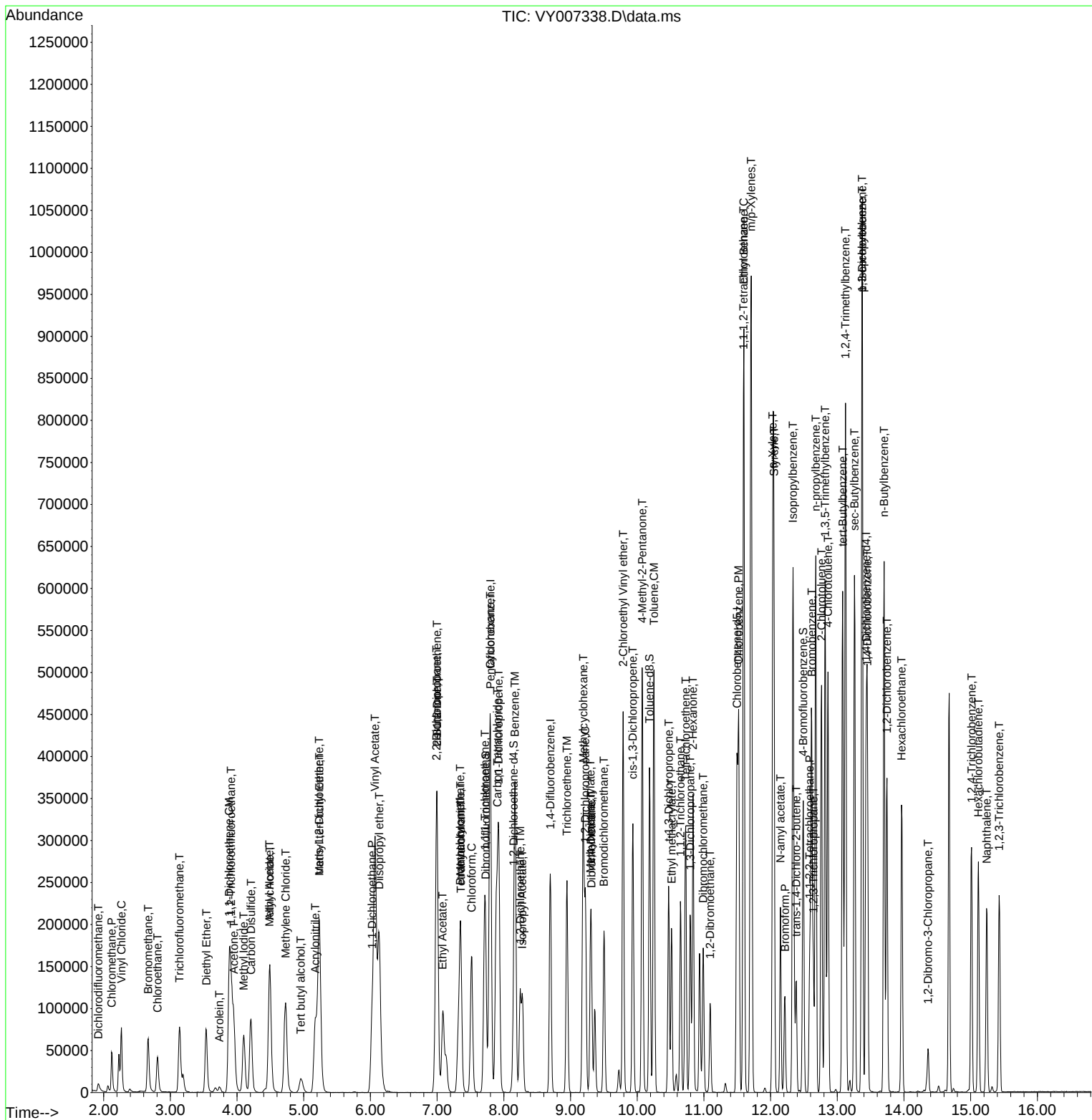
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

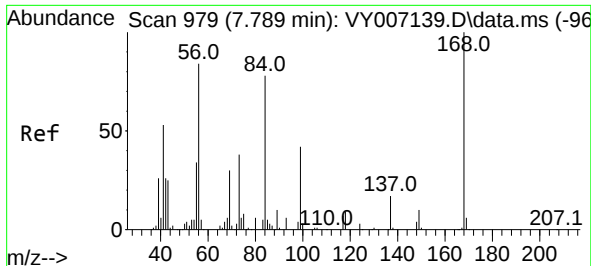
Quant Time: Feb 01 01:51:30 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

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

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

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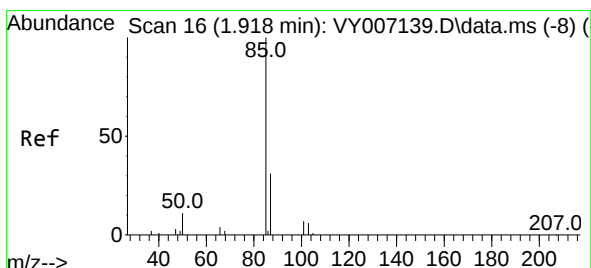
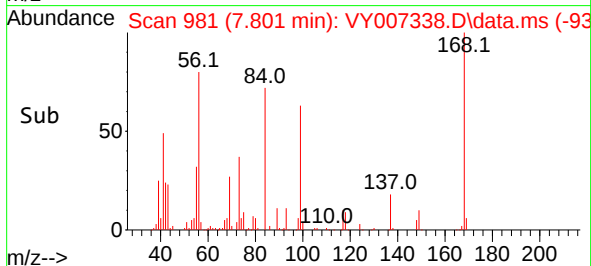
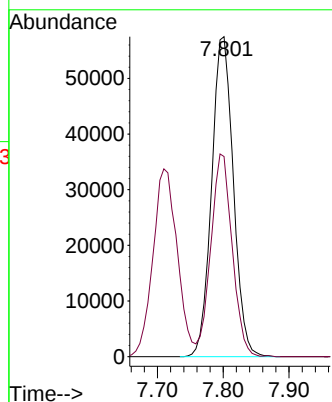
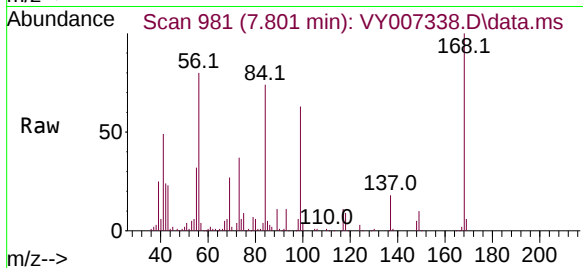




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.012 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

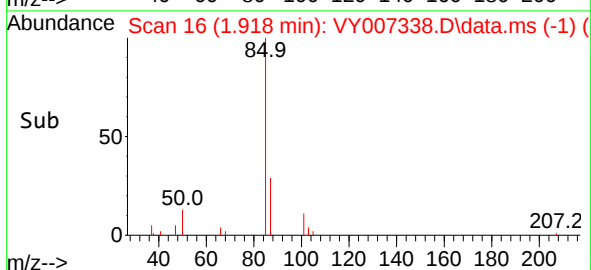
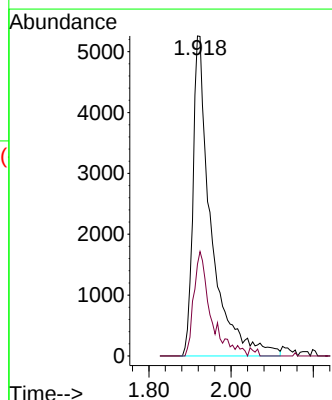
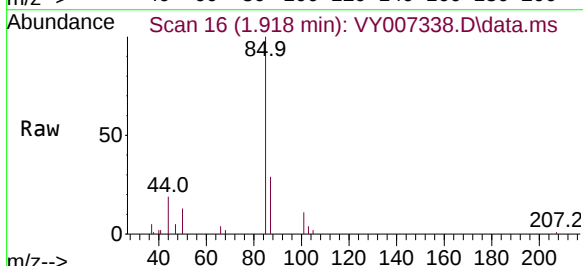
Instrument :  
MSVOA\_Y  
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VSTDCCC050

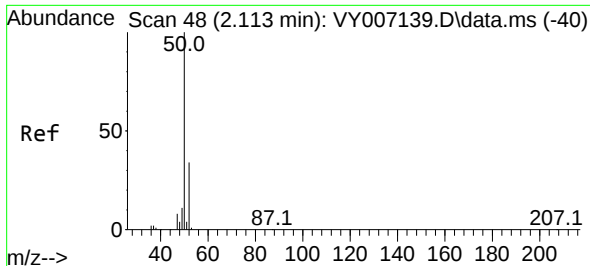
Tgt Ion:168 Resp: 132130  
Ion Ratio Lower Upper  
168 100  
99 62.5 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 34.625 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 85 Resp: 16042  
Ion Ratio Lower Upper  
85 100  
87 28.7 15.2 45.6

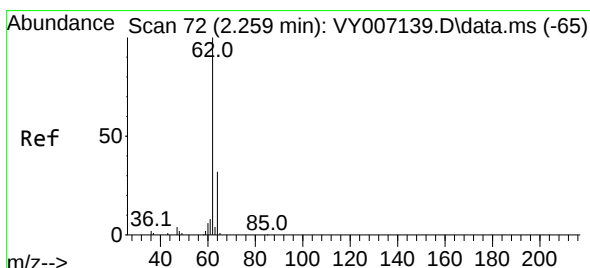
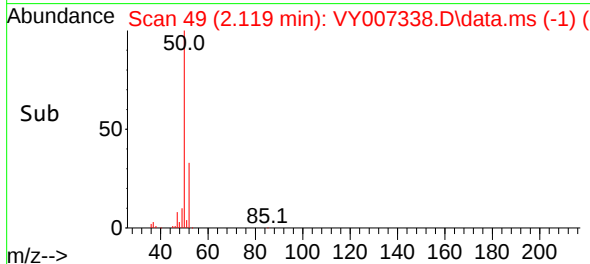
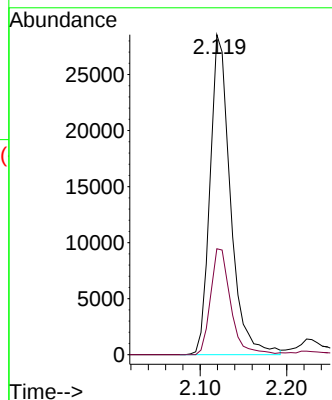
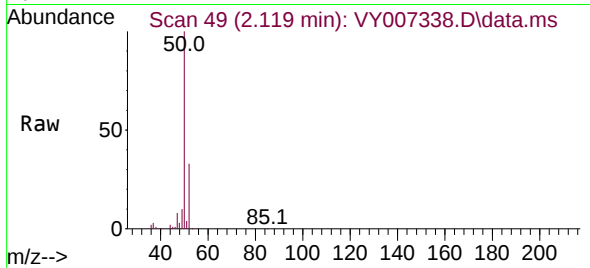




#3  
Chloromethane  
Concen: 48.008 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

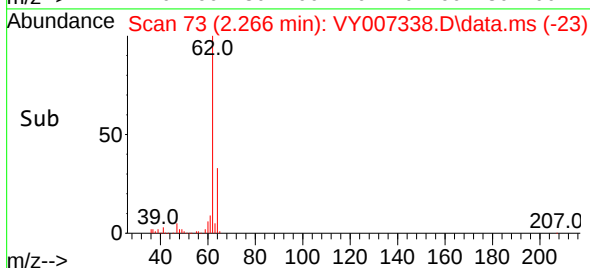
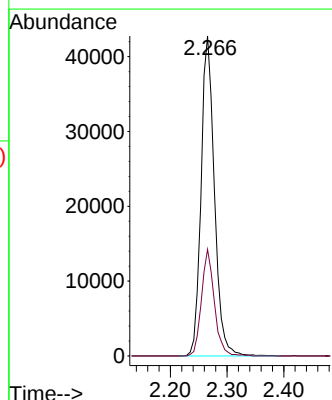
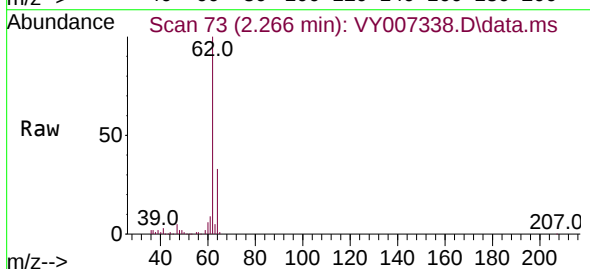
Instrument :  
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ClientSampleId :  
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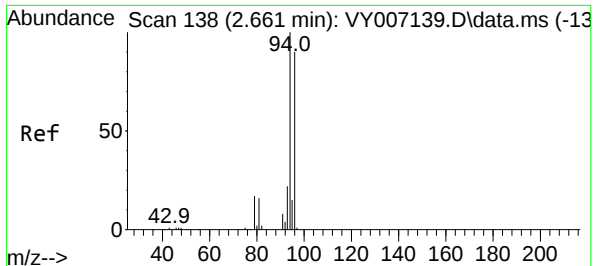
Tgt Ion: 50 Resp: 46644  
Ion Ratio Lower Upper  
50 100  
52 33.1 27.1 40.7



#4  
Vinyl Chloride  
Concen: 49.302 ug/l  
RT: 2.266 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 62 Resp: 69716  
Ion Ratio Lower Upper  
62 100  
64 33.3 26.1 39.1

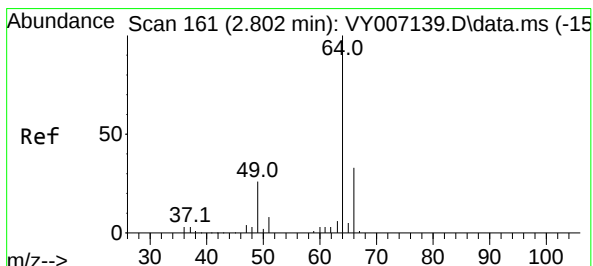
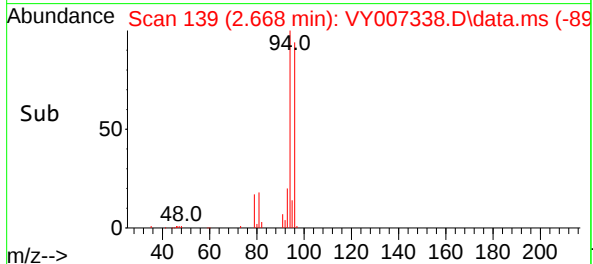
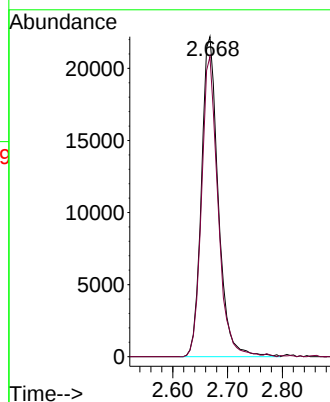
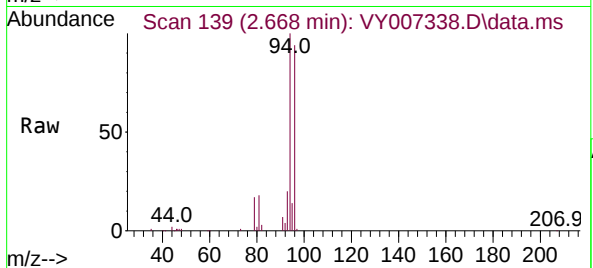




#5  
Bromomethane  
Concen: 51.650 ug/l  
RT: 2.668 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

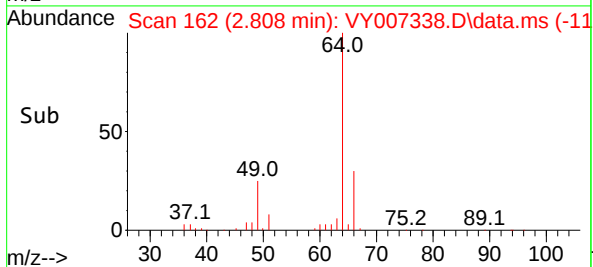
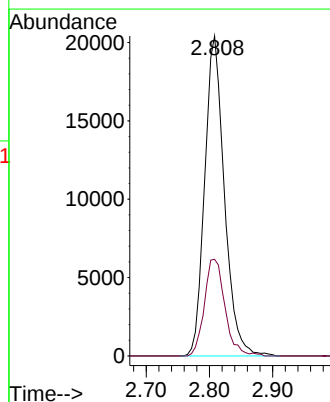
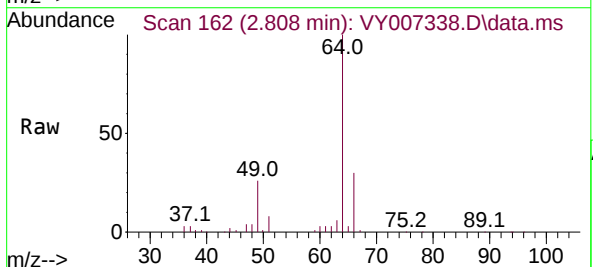
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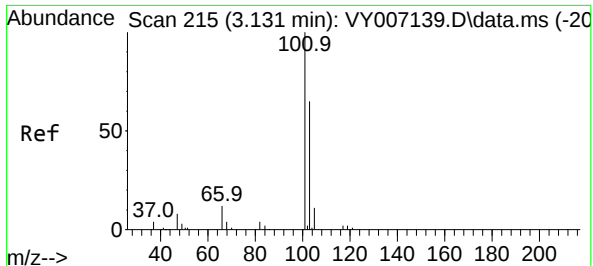
Tgt Ion: 94 Resp: 47293  
Ion Ratio Lower Upper  
94 100  
96 93.7 75.8 113.6



#6  
Chloroethane  
Concen: 50.172 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 64 Resp: 44266  
Ion Ratio Lower Upper  
64 100  
66 30.2 24.8 37.2

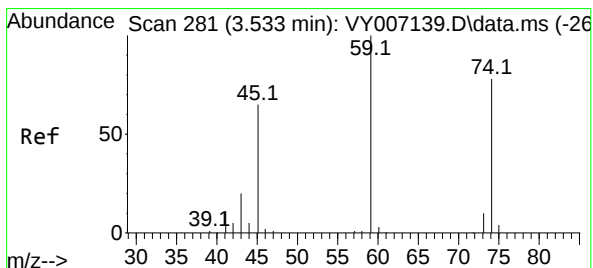
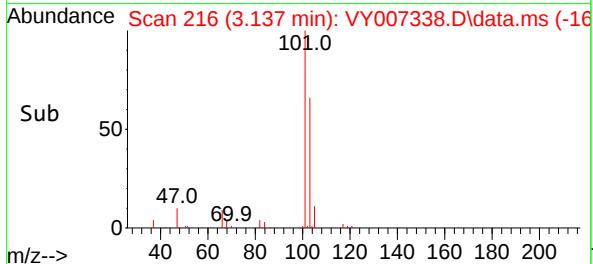
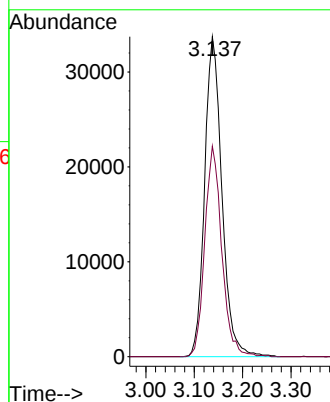
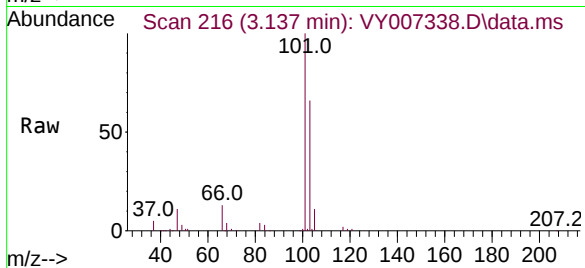




#7  
 Trichlorofluoromethane  
 Concen: 54.977 ug/l  
 RT: 3.137 min Scan# 215  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

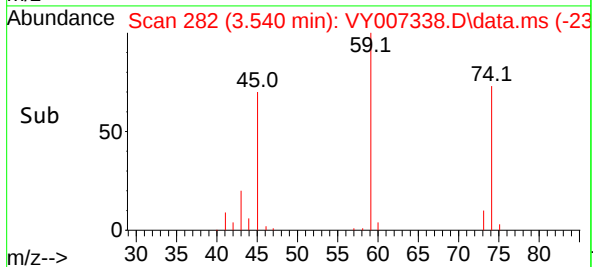
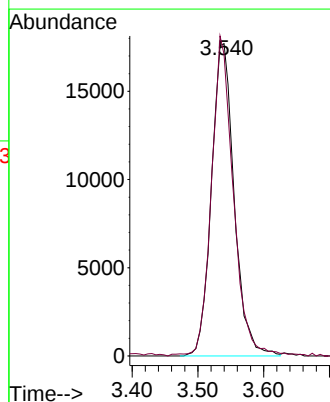
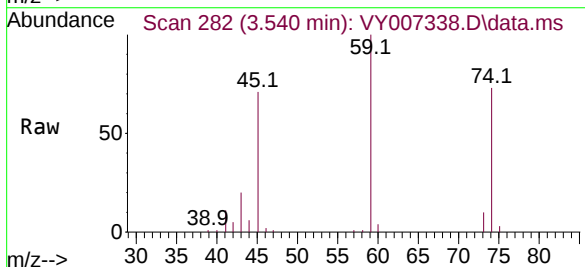
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

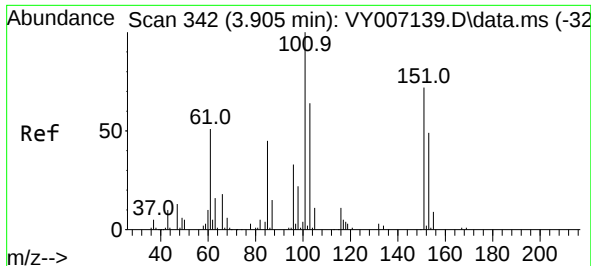
Tgt Ion:101 Resp: 83782  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 50.824 ug/l  
 RT: 3.540 min Scan# 282  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

Tgt Ion: 74 Resp: 42651  
 Ion Ratio Lower Upper  
 74 100  
 45 98.7 46.1 138.3

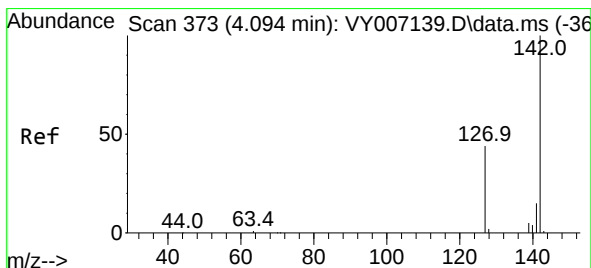
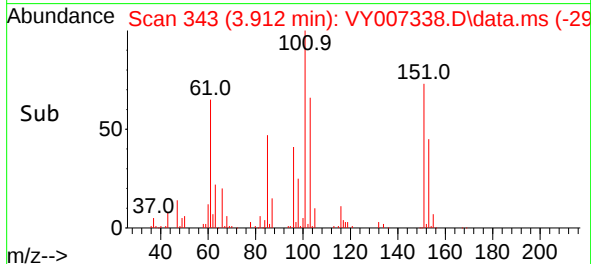
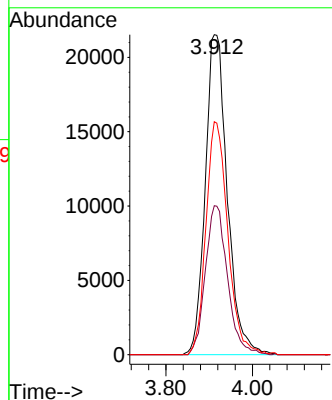
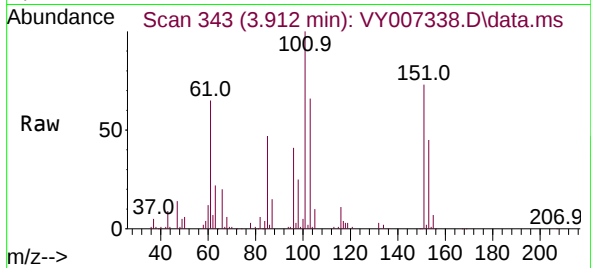




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.360 ug/l  
RT: 3.912 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

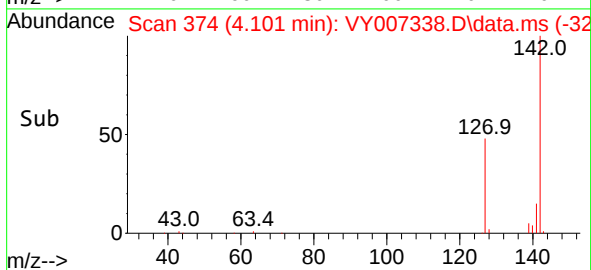
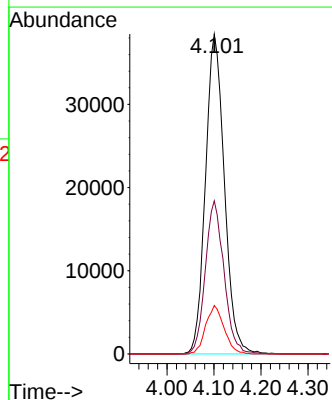
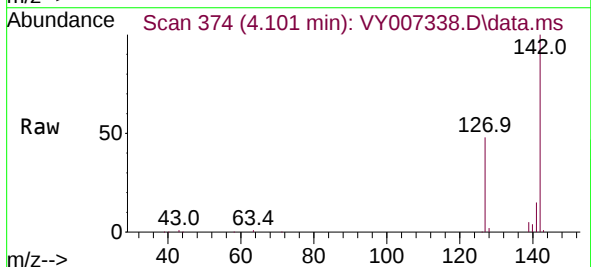
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

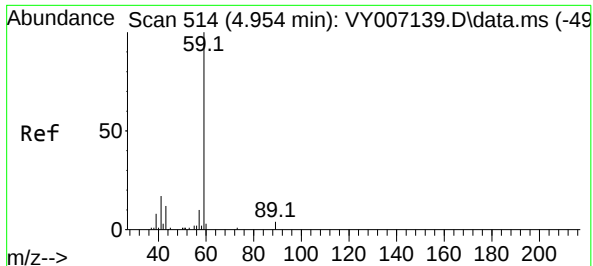
Tgt Ion:101 Resp: 76259  
Ion Ratio Lower Upper  
101 100  
85 46.7 35.4 53.0  
151 72.0 60.4 90.6



#10  
Methyl Iodide  
Concen: 48.924 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:142 Resp: 107440  
Ion Ratio Lower Upper  
142 100  
127 47.3 36.2 54.4  
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 252.503 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

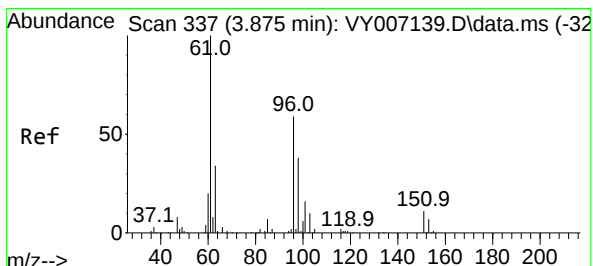
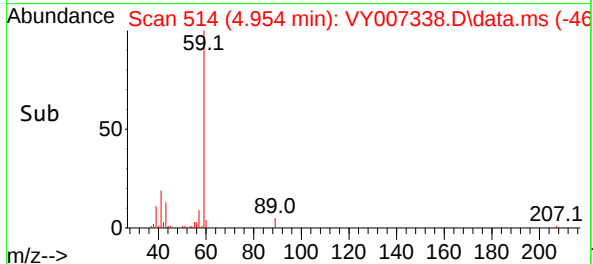
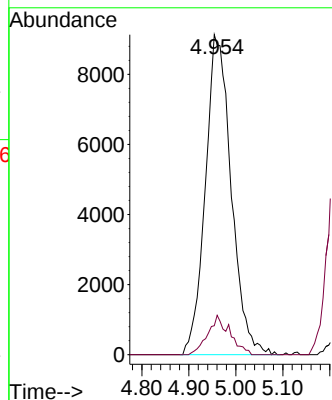
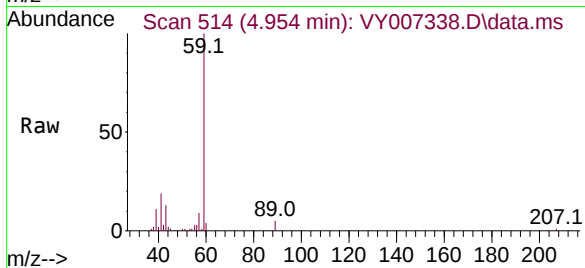
VSTDCCC050

Tgt Ion: 59 Resp: 34899

Ion Ratio Lower Upper

59 100

57 10.5 8.1 12.1



#12

1,1-Dichloroethene

Concen: 49.155 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

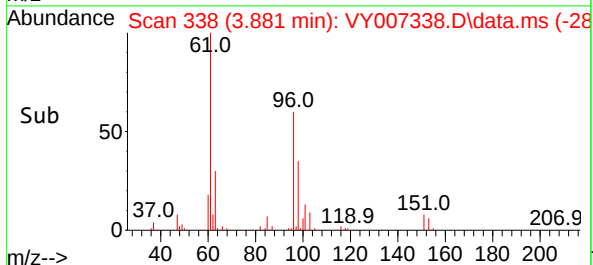
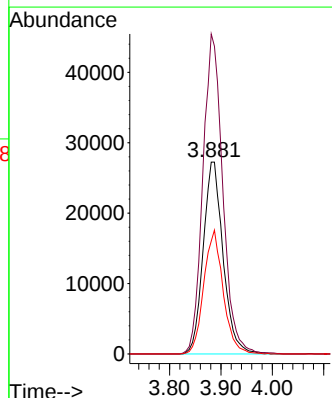
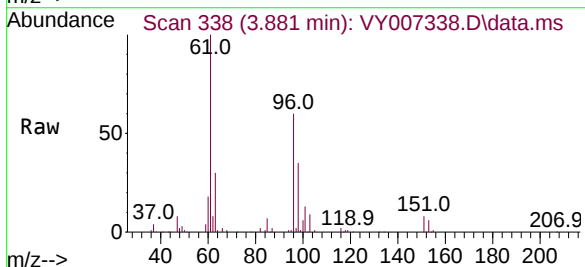
Tgt Ion: 96 Resp: 73494

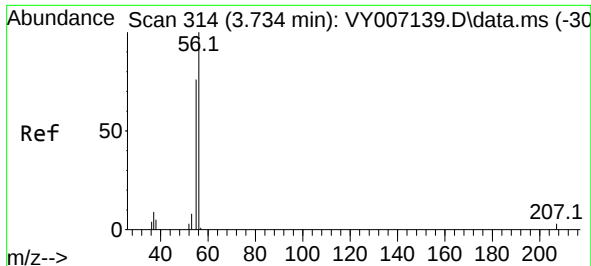
Ion Ratio Lower Upper

96 100

61 166.8 131.9 197.9

98 58.8 52.7 79.1

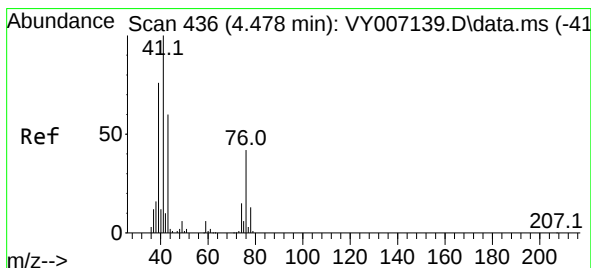
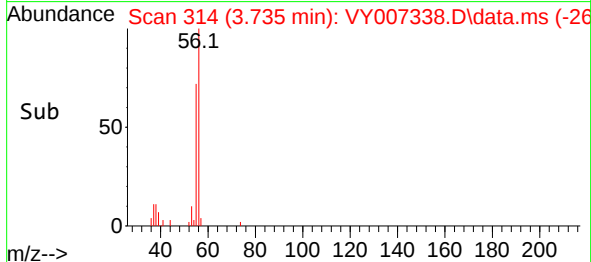
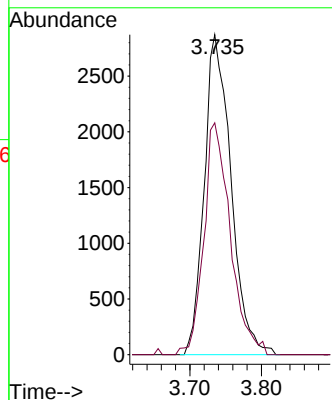
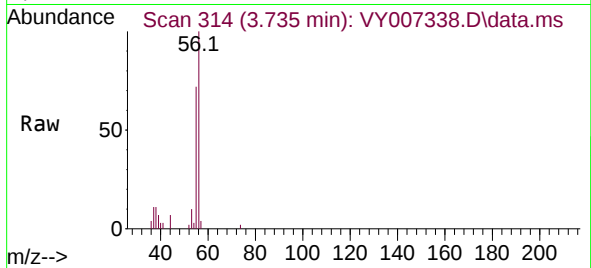




#13  
Acrolein  
Concen: 222.777 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.001 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

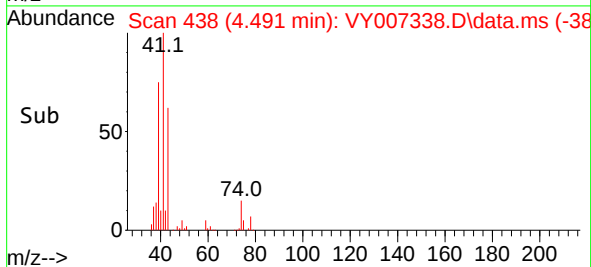
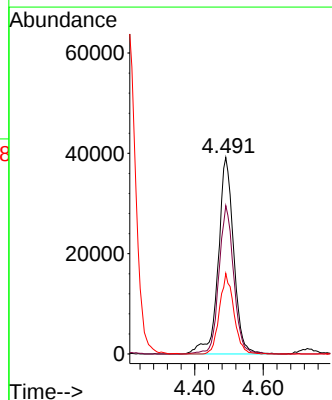
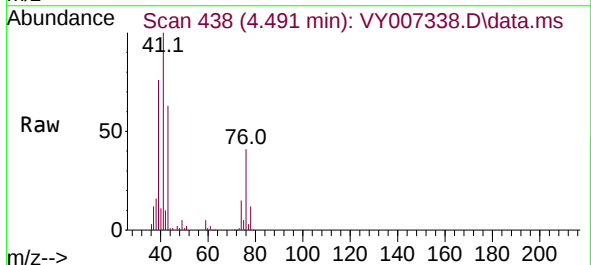
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

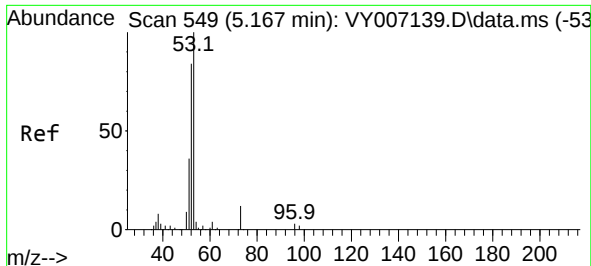
Tgt Ion: 56 Resp: 7458  
Ion Ratio Lower Upper  
56 100  
55 71.7 55.7 83.5



#14  
Allyl chloride  
Concen: 50.723 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 41 Resp: 121599  
Ion Ratio Lower Upper  
41 100  
39 72.7 56.1 84.1  
76 37.9 31.4 47.2

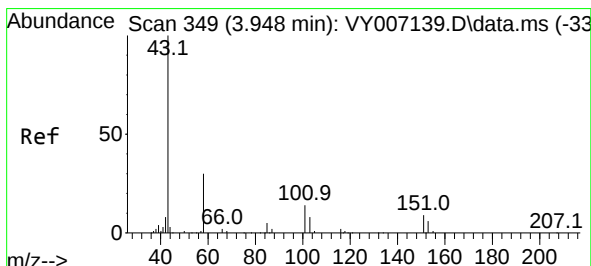
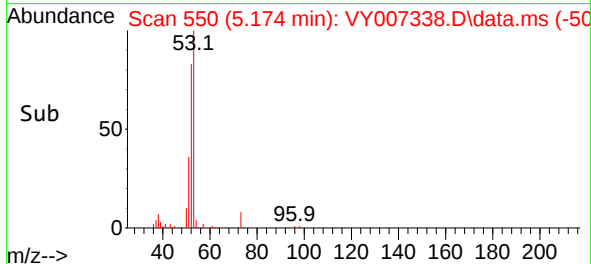
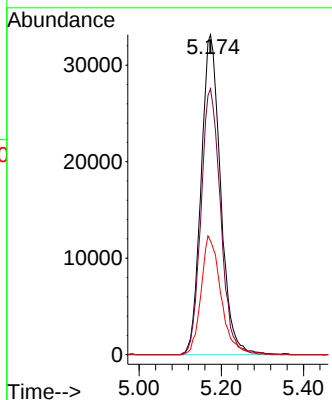
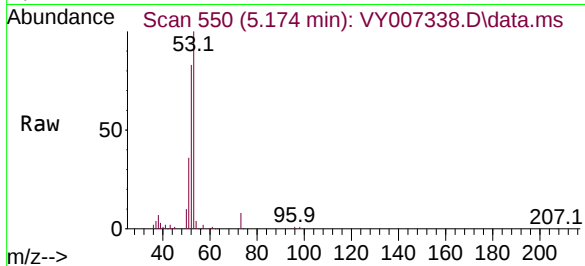




#15  
Acrylonitrile  
Concen: 270.372 ug/l  
RT: 5.174 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

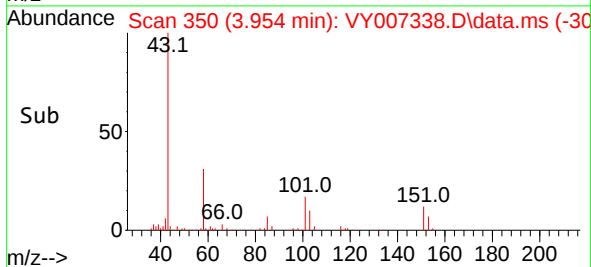
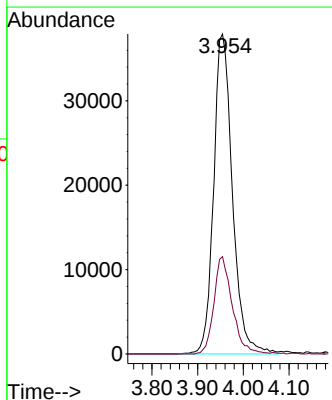
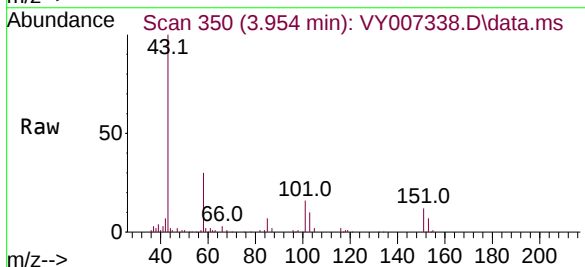
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

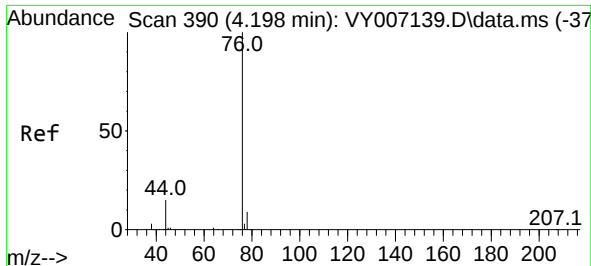
Tgt Ion: 53 Resp: 109046  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.4 98.2  
51 37.8 29.4 44.2



#16  
Acetone  
Concen: 257.801 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 43 Resp: 108471  
Ion Ratio Lower Upper  
43 100  
58 30.4 23.8 35.6

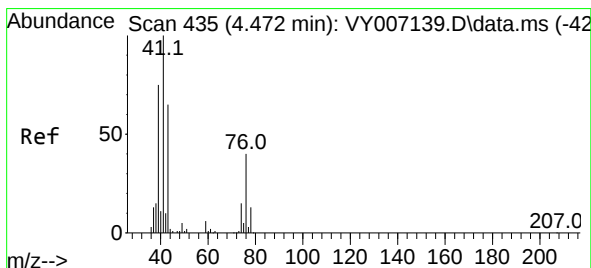
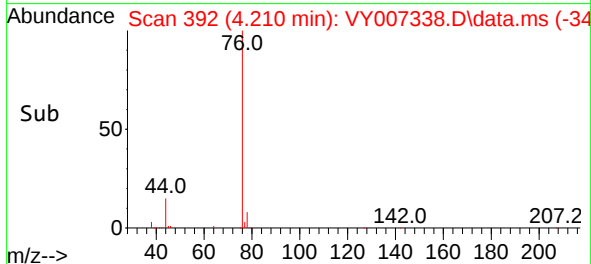
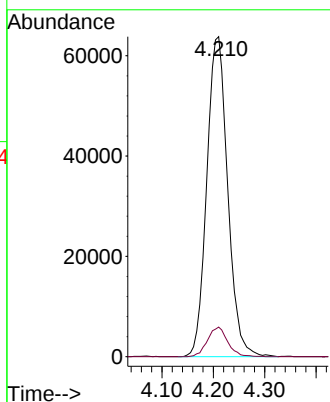
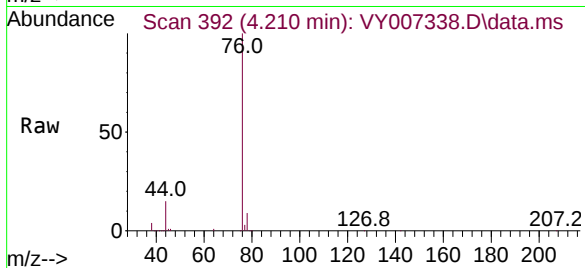




#17  
Carbon Disulfide  
Concen: 43.411 ug/l  
RT: 4.210 min Scan# 391  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

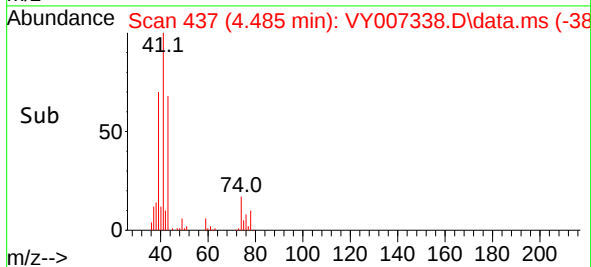
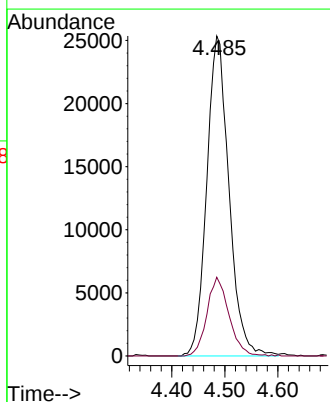
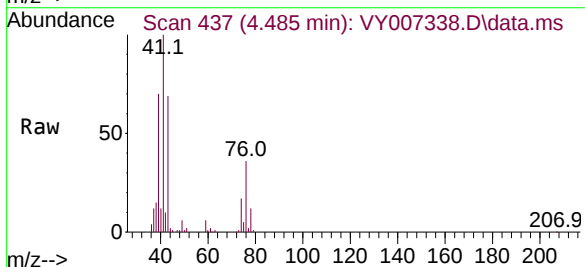
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

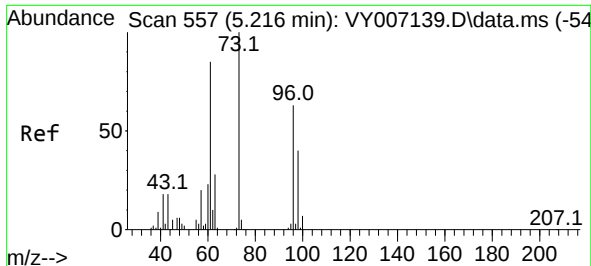
Tgt Ion: 76 Resp: 180244  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 49.281 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 43 Resp: 73780  
Ion Ratio Lower Upper  
43 100  
74 24.4 20.9 31.3

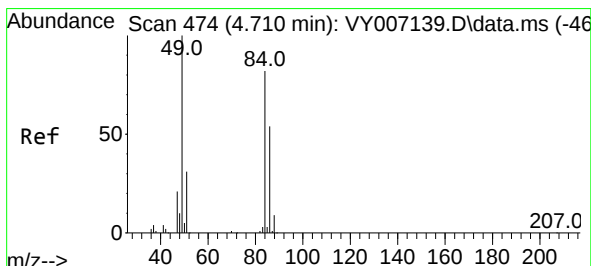
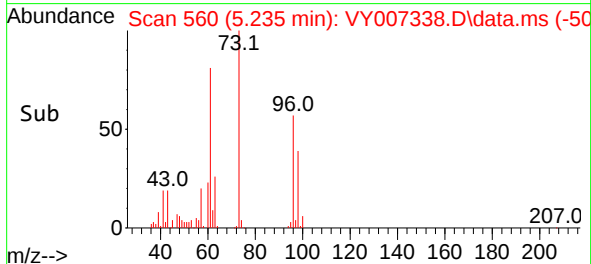
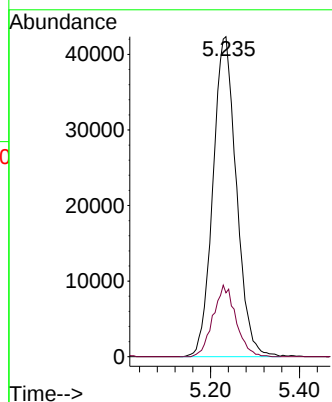
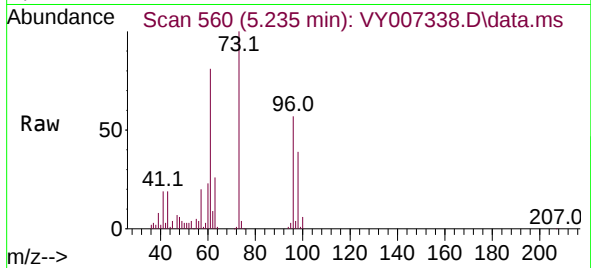




#19  
Methyl tert-butyl Ether  
Concen: 52.609 ug/l  
RT: 5.235 min Scan# 51  
Delta R.T. 0.019 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

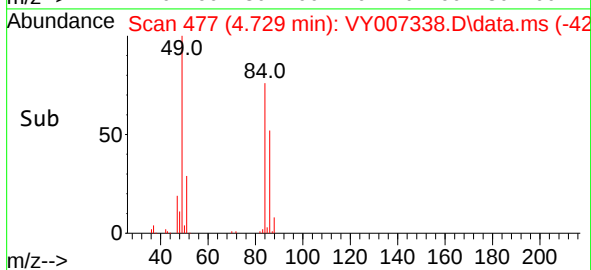
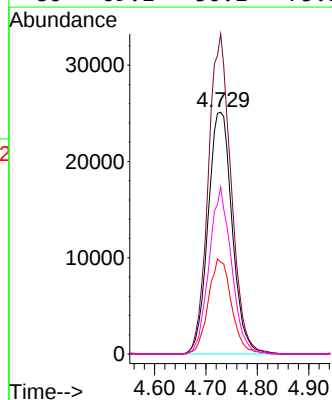
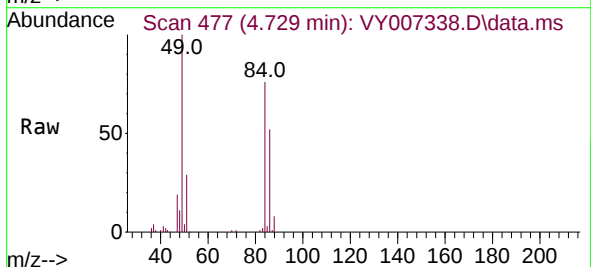
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

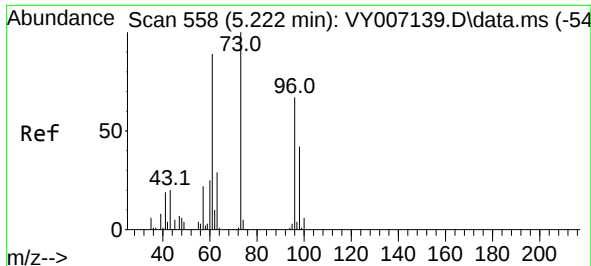
Tgt Ion: 73 Resp: 154852  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.4 26.2



#20  
Methylene Chloride  
Concen: 47.007 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.019 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 84 Resp: 81786  
Ion Ratio Lower Upper  
84 100  
49 132.3 92.6 139.0  
51 38.0 28.6 42.8  
86 69.1 50.1 75.1

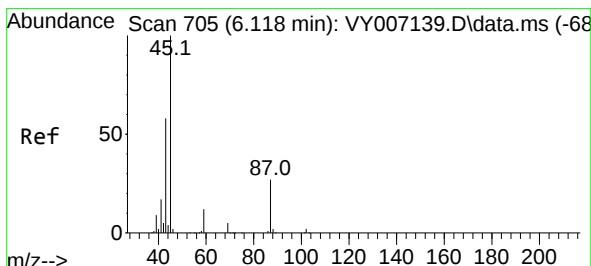
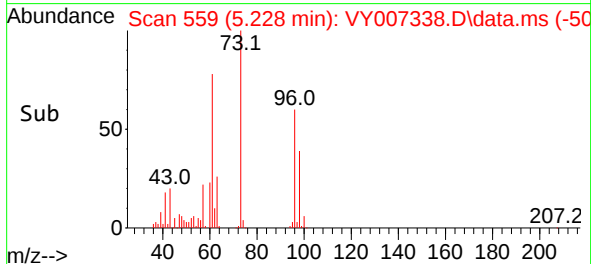
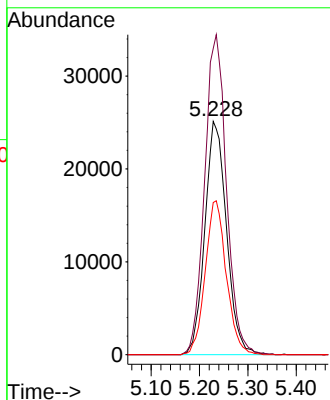
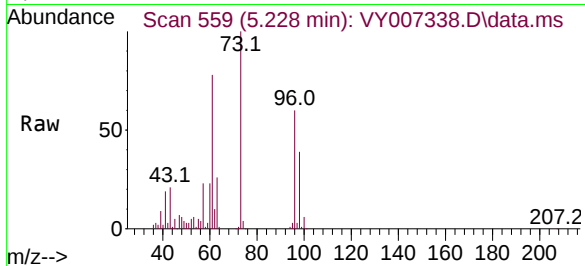




#21  
trans-1,2-Dichloroethene  
Concen: 48.334 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

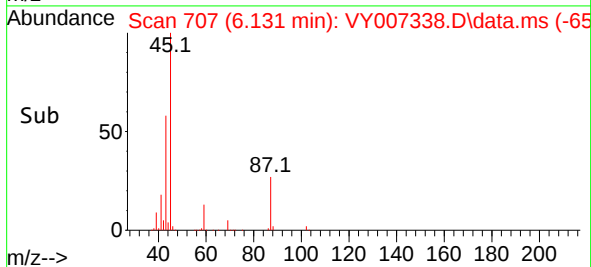
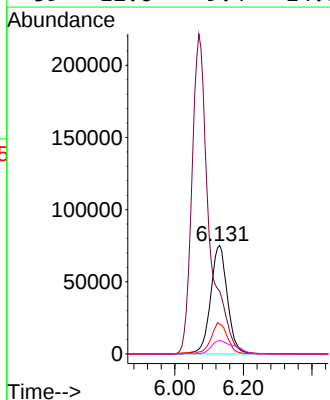
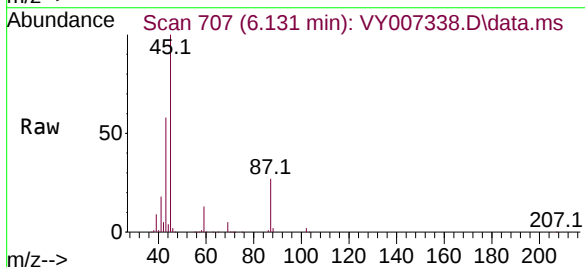
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

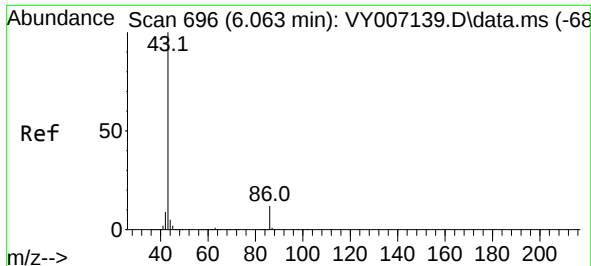
Tgt Ion: 96 Resp: 78345  
Ion Ratio Lower Upper  
96 100  
61 131.2 107.3 160.9  
98 65.2 52.4 78.6



#22  
Diisopropyl ether  
Concen: 52.687 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 45 Resp: 255889  
Ion Ratio Lower Upper  
45 100  
43 57.7 45.6 68.4  
87 27.5 22.2 33.2  
59 12.6 9.4 14.0

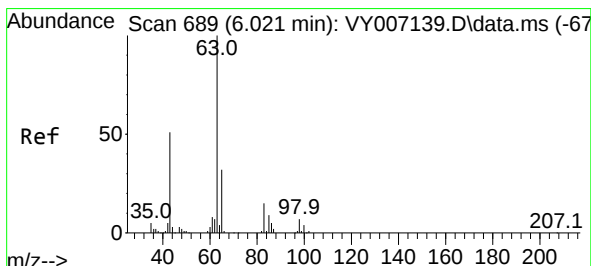
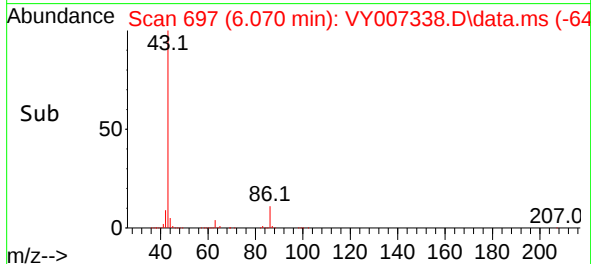
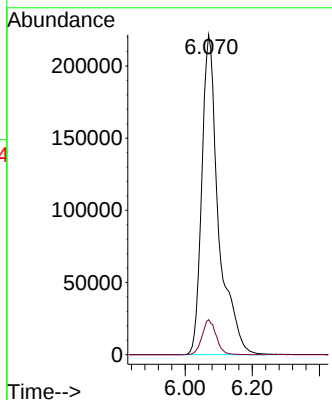
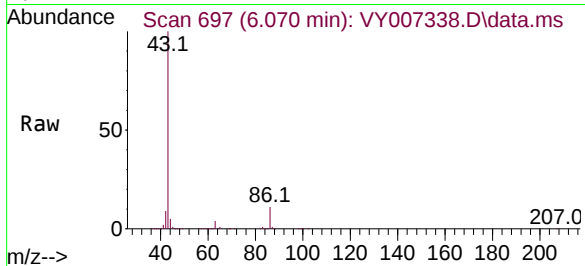




#23  
 Vinyl Acetate  
 Concen: 269.121 ug/l  
 RT: 6.070 min Scan# 696  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

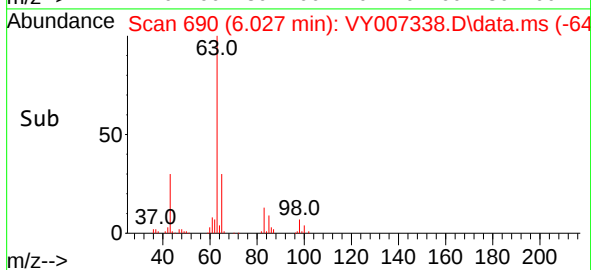
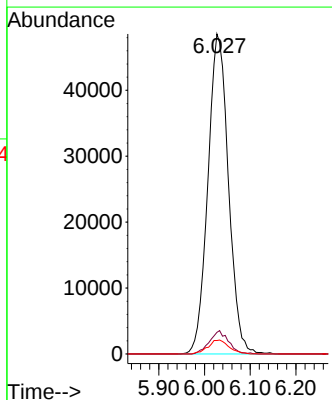
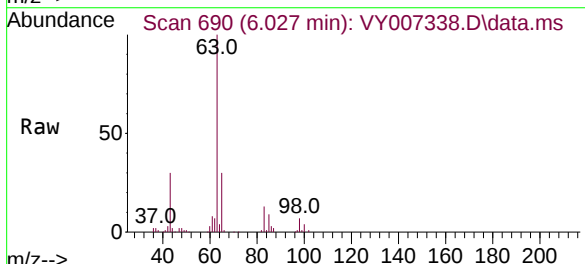
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

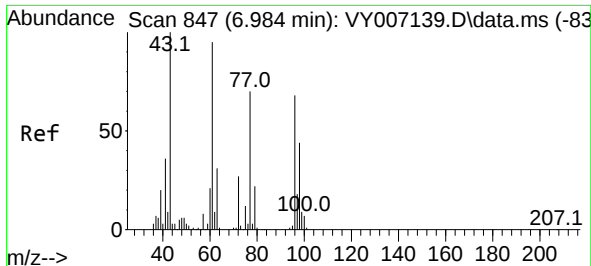
Tgt Ion: 43 Resp: 768660  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 51.462 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

Tgt Ion: 63 Resp: 152039  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.6  
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 260.596 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.013 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

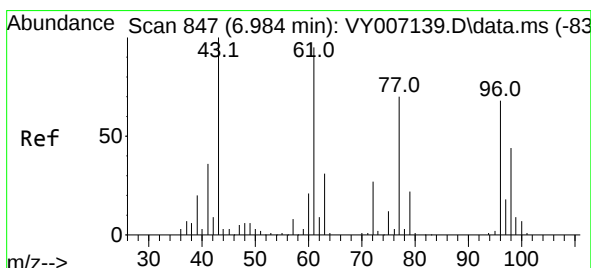
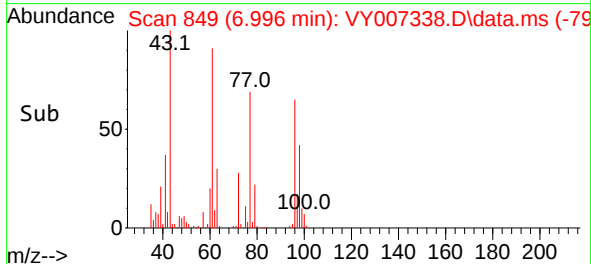
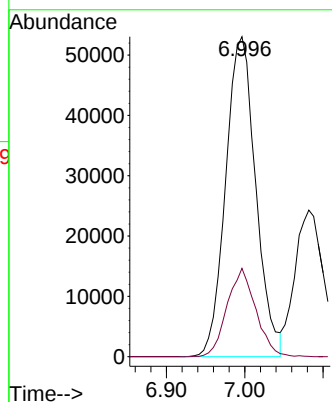
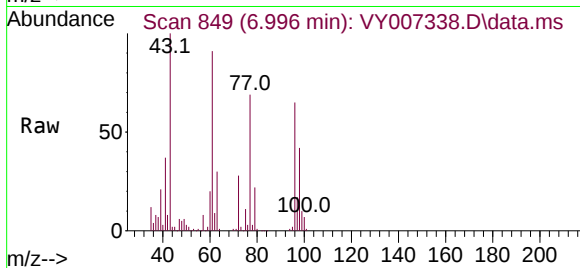
VSTDCCC050

Tgt Ion: 43 Resp: 141763

Ion Ratio Lower Upper

43 100

72 27.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 53.322 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.007 min

Lab File: VY007338.D

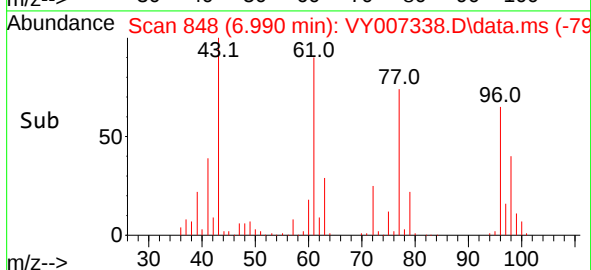
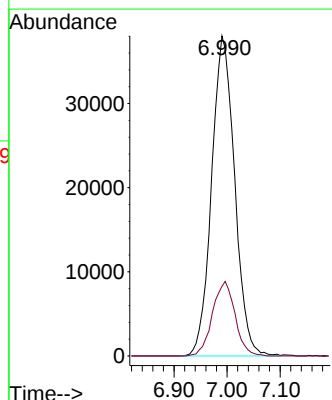
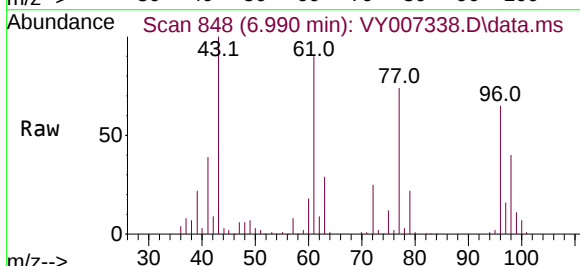
Acq: 31 Jan 2022 13:11

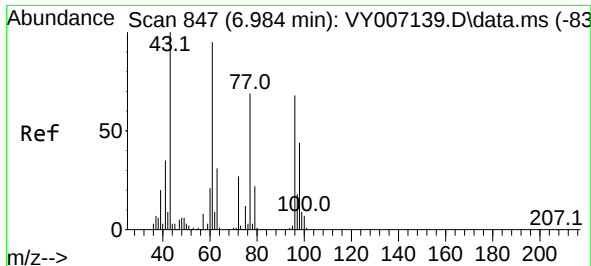
Tgt Ion: 77 Resp: 114810

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.743 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.013 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

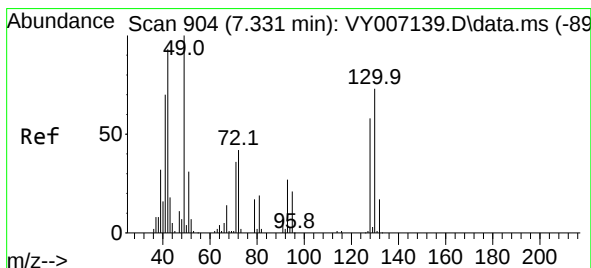
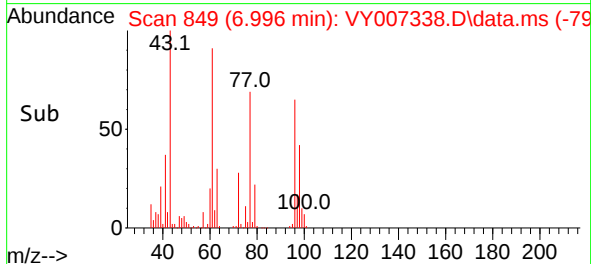
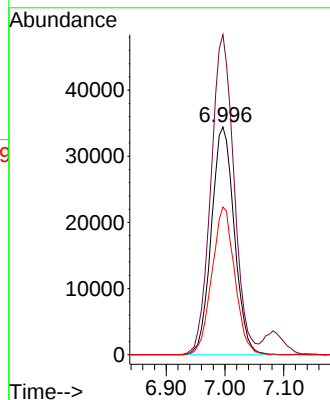
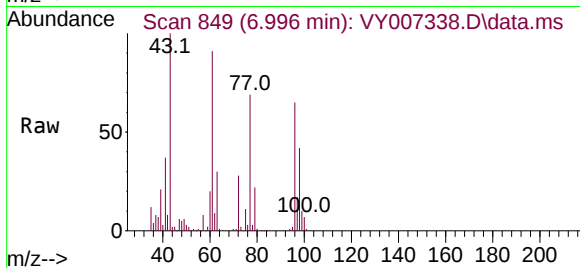
Tgt Ion: 96 Resp: 93301

Ion Ratio Lower Upper

96 100

61 141.8 0.0 276.8

98 64.6 0.0 127.8



#28

Bromochloromethane

Concen: 50.773 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

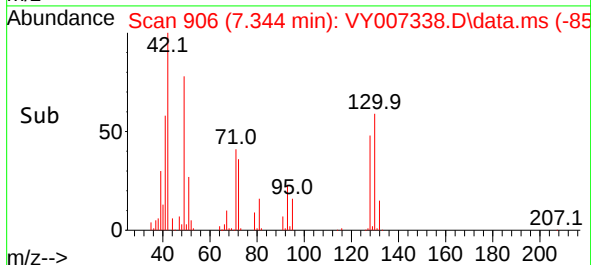
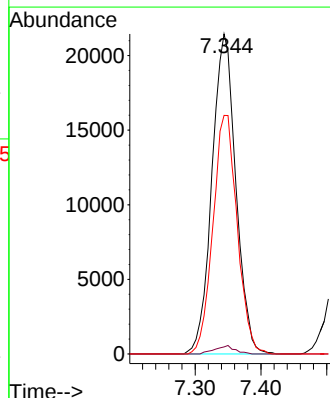
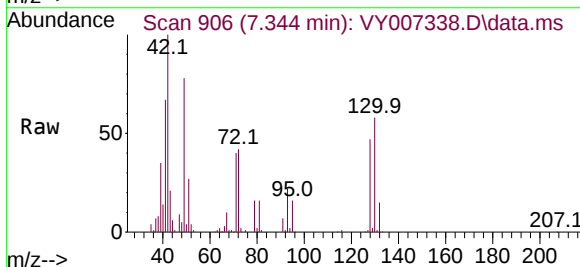
Tgt Ion: 49 Resp: 54260

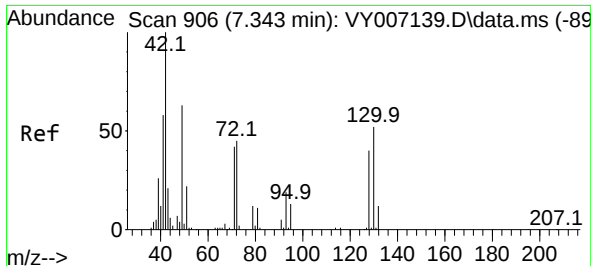
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 75.5 65.0 97.4





#29

Tetrahydrofuran

Concen: 261.747 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

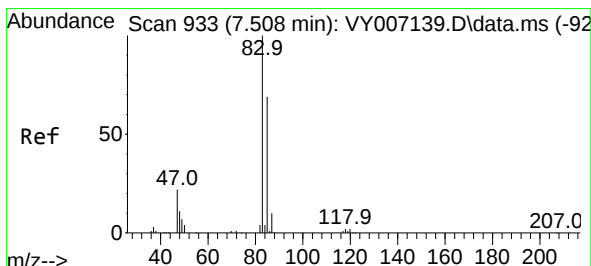
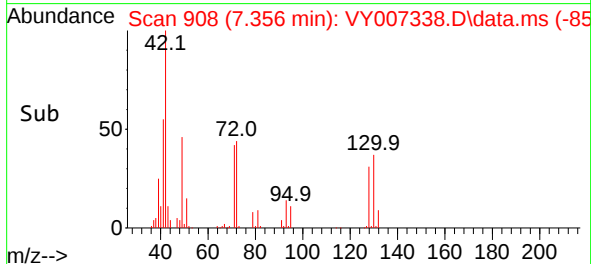
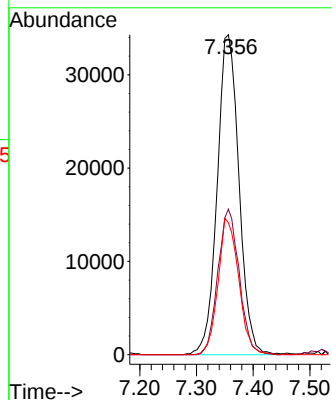
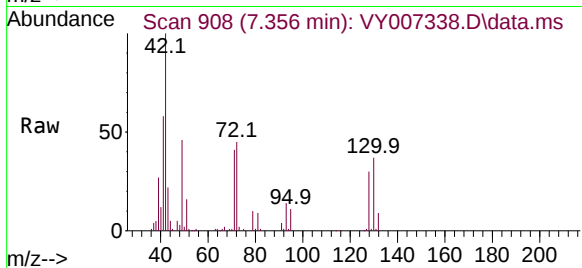
Tgt Ion: 42 Resp: 91531

Ion Ratio Lower Upper

42 100

72 44.4 36.6 54.8

71 40.4 34.1 51.1



#30

Chloroform

Concen: 51.844 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007338.D

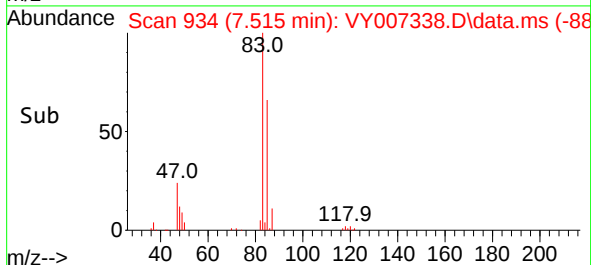
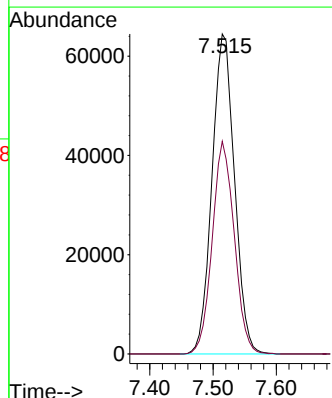
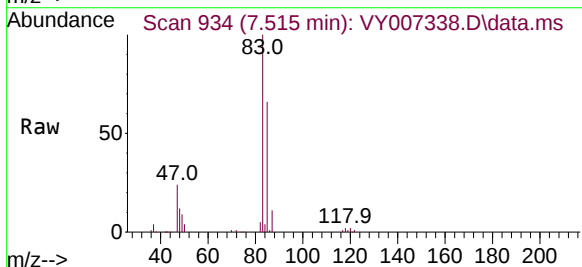
Acq: 31 Jan 2022 13:11

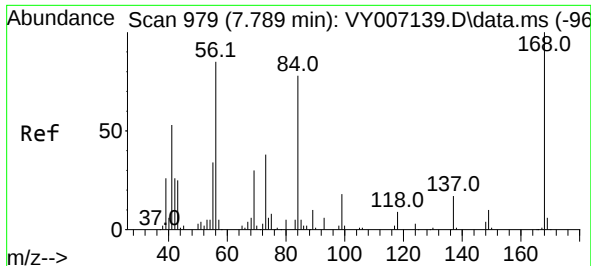
Tgt Ion: 83 Resp: 159146

Ion Ratio Lower Upper

83 100

85 66.4 50.9 76.3

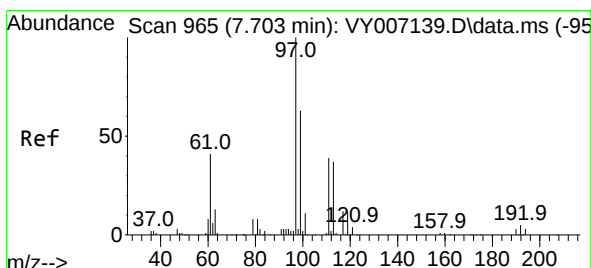
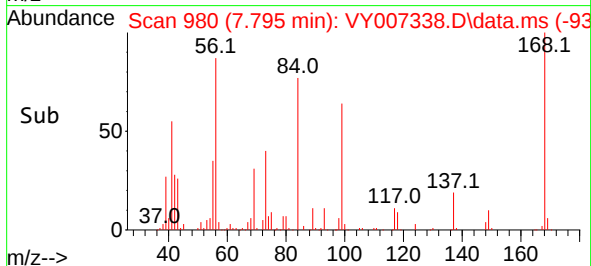
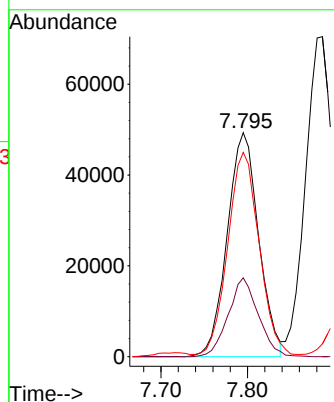
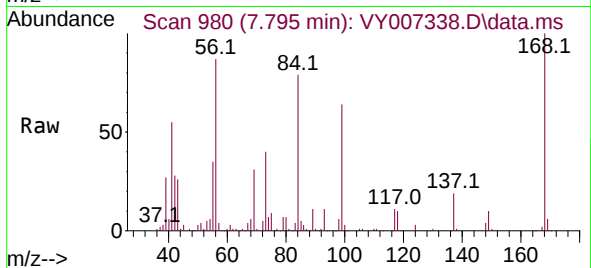




#31  
Cyclohexane  
Concen: 45.339 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

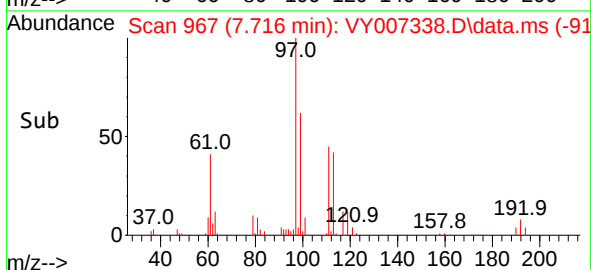
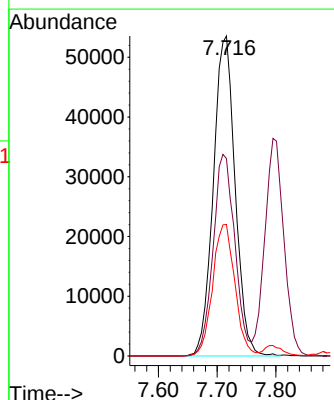
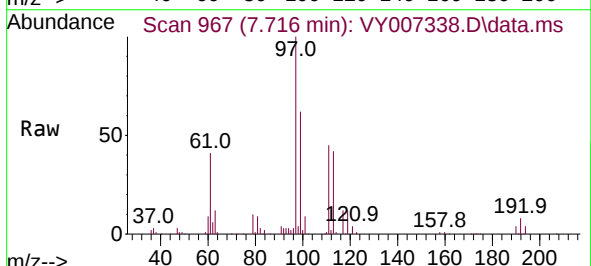
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

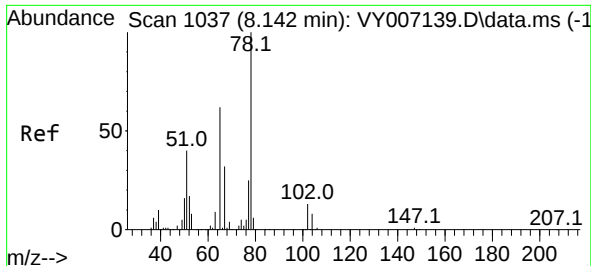
Tgt Ion: 56 Resp: 124272  
Ion Ratio Lower Upper  
56 100  
69 35.2 27.2 40.8  
84 89.5 72.1 108.1



#32  
1,1,1-Trichloroethane  
Concen: 52.596 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 97 Resp: 138000  
Ion Ratio Lower Upper  
97 100  
99 63.2 51.1 76.7  
61 41.8 32.2 48.2

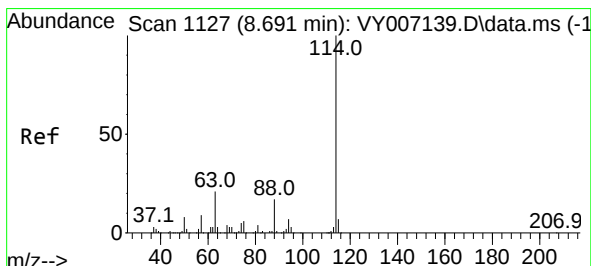
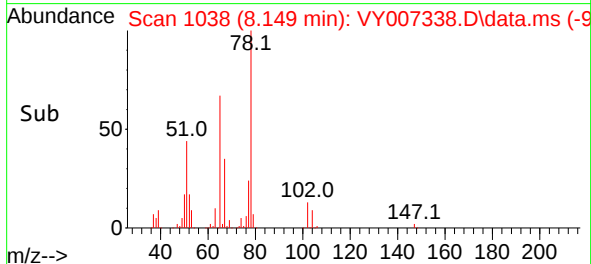
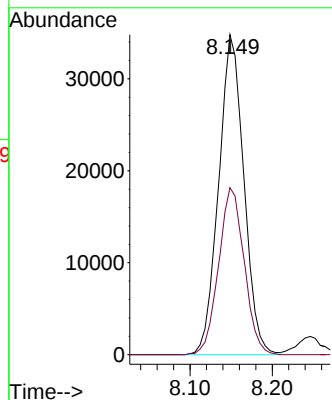
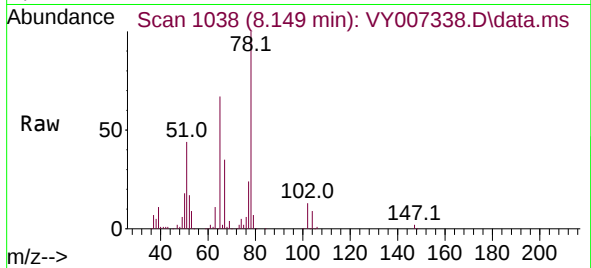




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.707 ug/l  
 RT: 8.149 min Scan# 1037  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

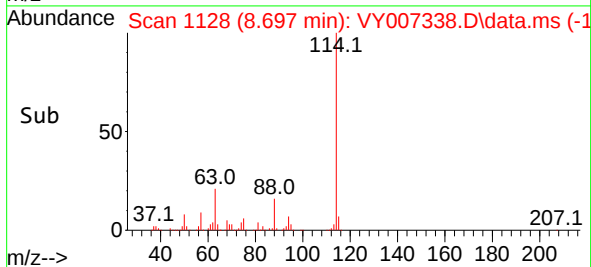
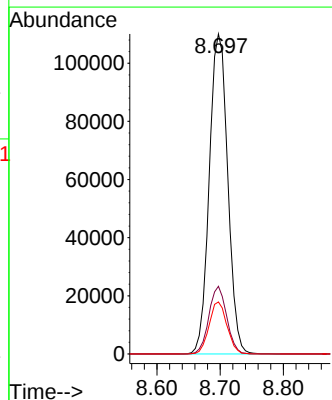
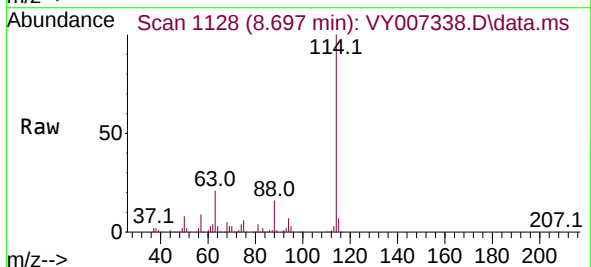
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

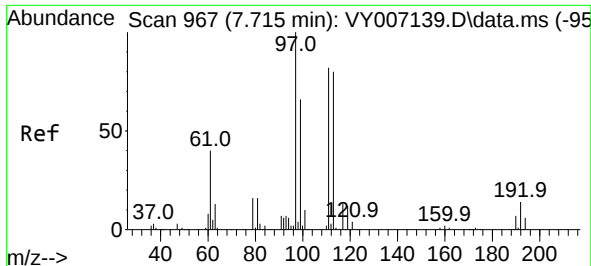
Tgt Ion: 65 Resp: 74102  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

Tgt Ion: 114 Resp: 222799  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 39.2  
 88 16.3 0.0 31.0

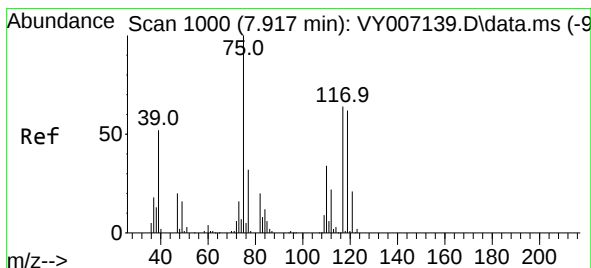
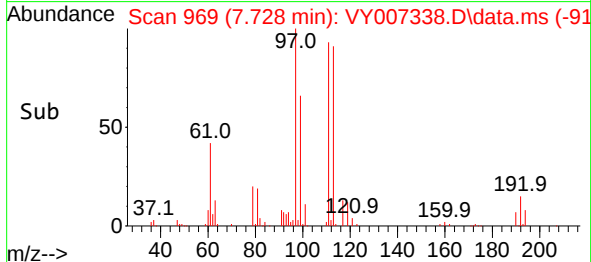
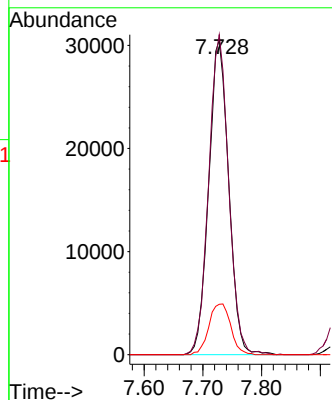
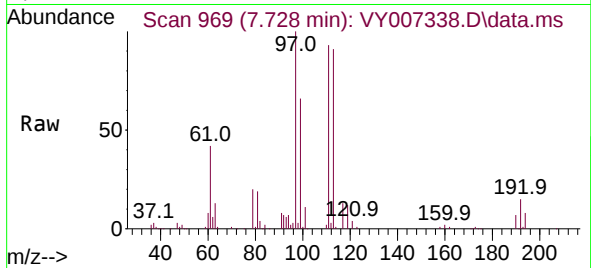




#35  
Dibromofluoromethane  
Concen: 47.830 ug/l  
RT: 7.728 min Scan# 91  
Delta R.T. 0.013 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

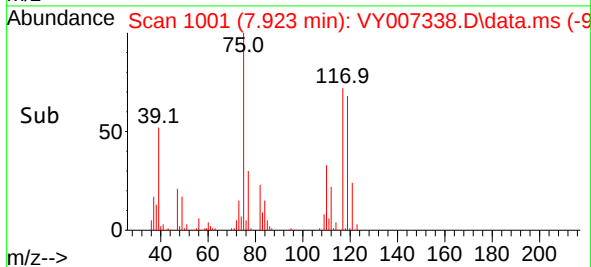
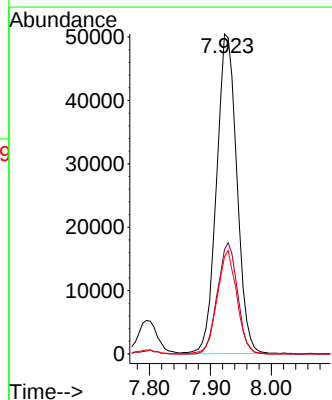
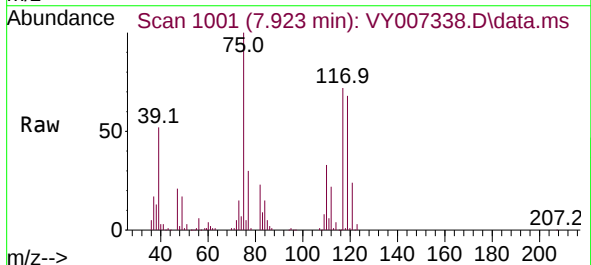
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

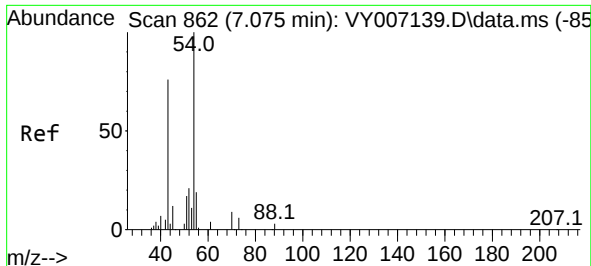
Tgt Ion:113 Resp: 72057  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.2 123.4  
192 17.6 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 48.620 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 75 Resp: 116986  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.3 51.9  
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 52.252 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

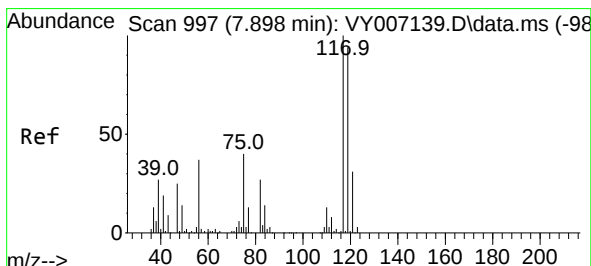
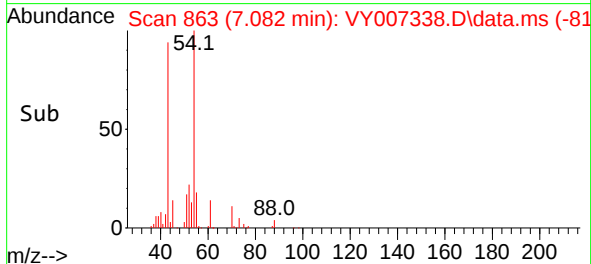
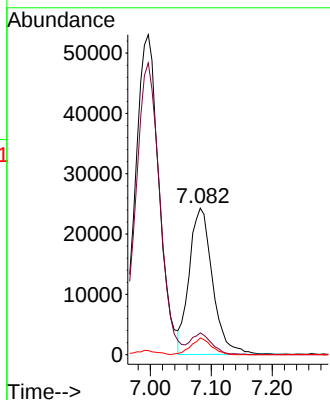
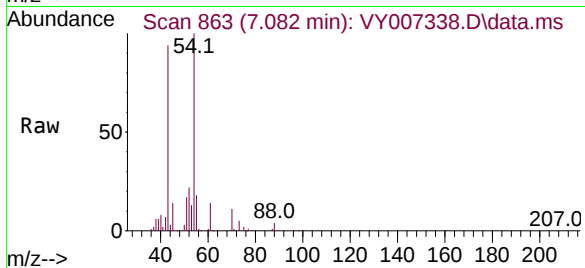
Tgt Ion: 43 Resp: 64521

Ion Ratio Lower Upper

43 100

61 13.1 11.8 17.8

70 9.9 9.0 13.4



#38

Carbon Tetrachloride

Concen: 49.916 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

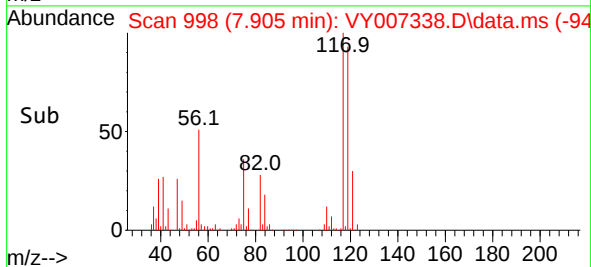
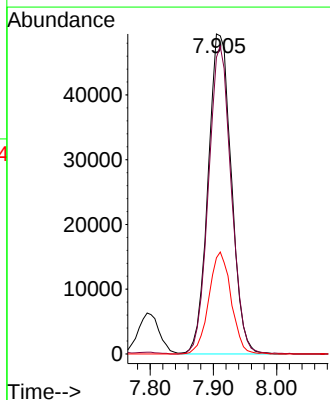
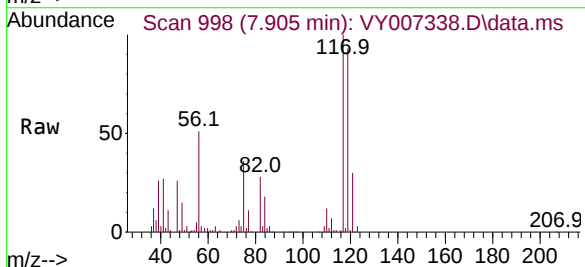
Tgt Ion: 117 Resp: 126331

Ion Ratio Lower Upper

117 100

119 92.7 77.2 115.8

121 30.0 24.2 36.2

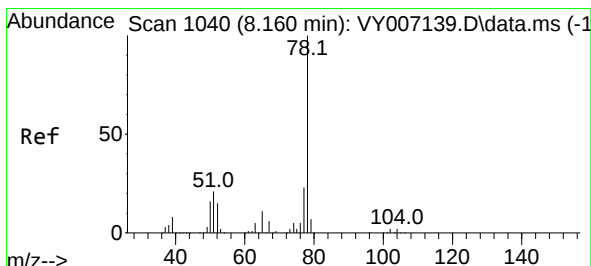
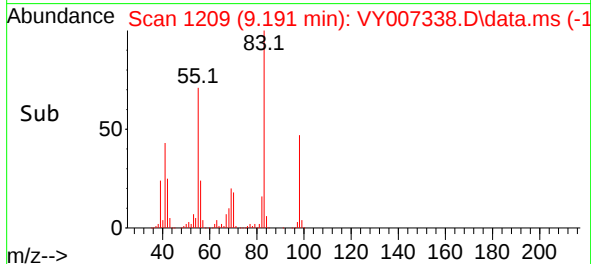
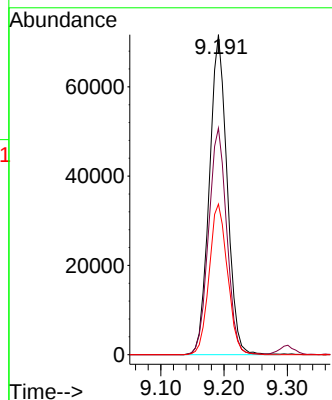
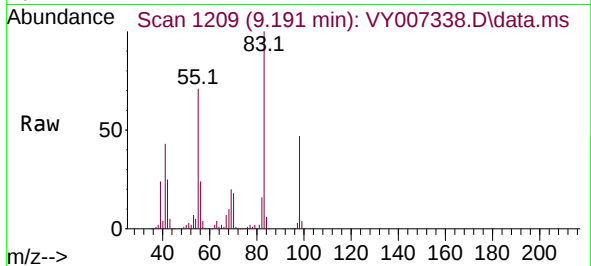




#39  
Methylcyclohexane  
Concen: 47.667 ug/l  
RT: 9.191 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

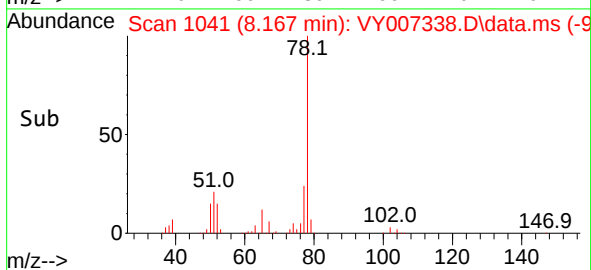
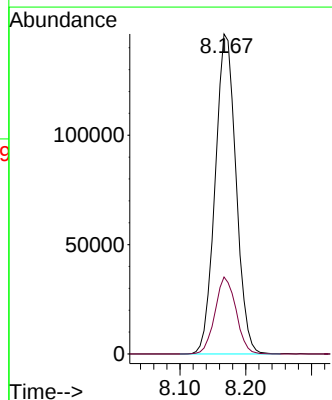
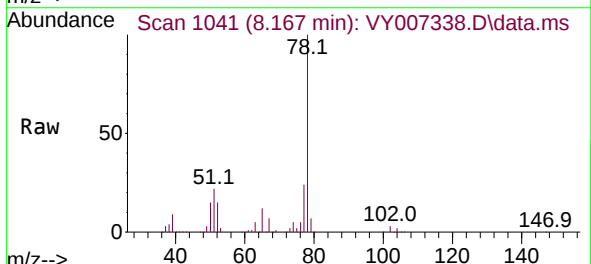
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

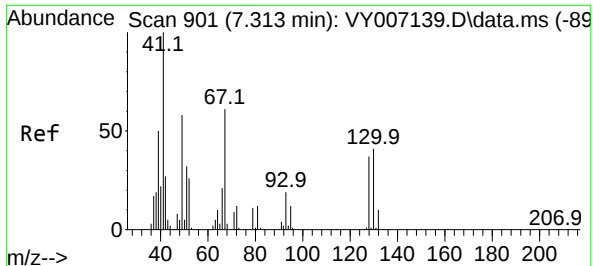
Tgt Ion: 83 Resp: 140037  
Ion Ratio Lower Upper  
83 100  
55 70.8 58.8 88.2  
98 47.1 38.7 58.1



#40  
Benzene  
Concen: 50.283 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 78 Resp: 322726  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.6 27.8

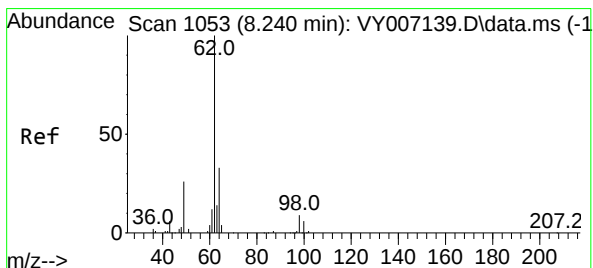
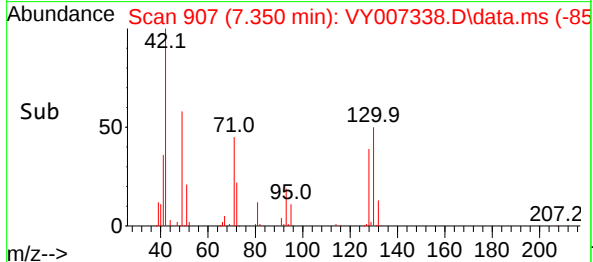
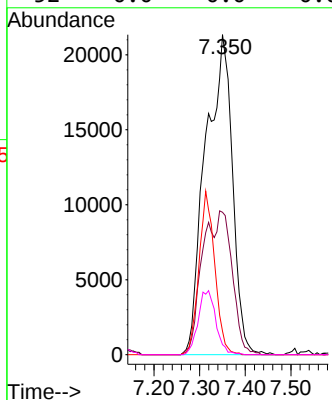
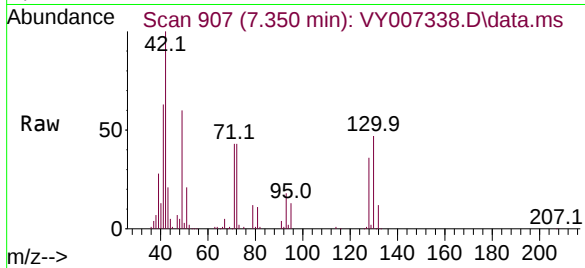




#41  
Methacrylonitrile  
Concen: 122.284 ug/l  
RT: 7.350 min Scan# 901  
Delta R.T. 0.037 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

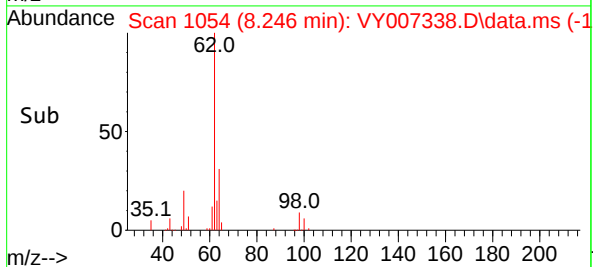
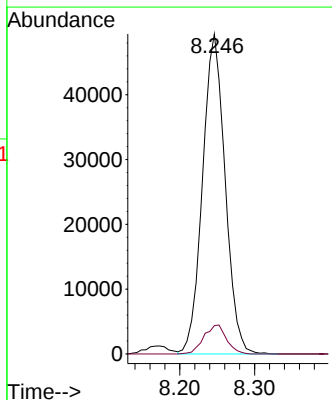
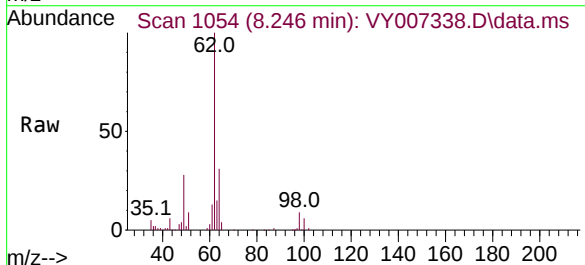
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 86955 |
| Ion Ratio   | Lower Upper |
| 41          | 100         |
| 39          | 0.0 0.0 0.0 |
| 67          | 0.0 0.0 0.0 |
| 52          | 0.0 0.0 0.0 |



#42  
1,2-Dichloroethane  
Concen: 51.379 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 103843 |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 9.1 0.0 19.2 |

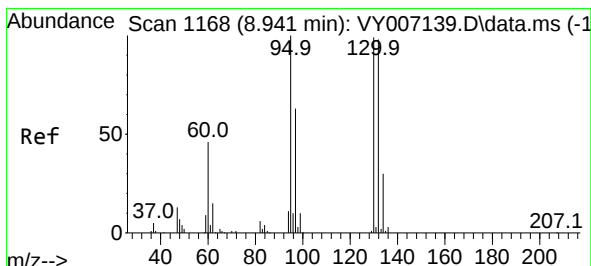
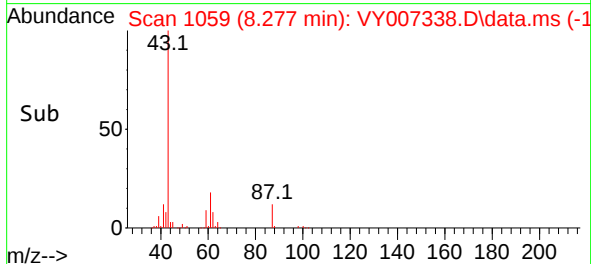
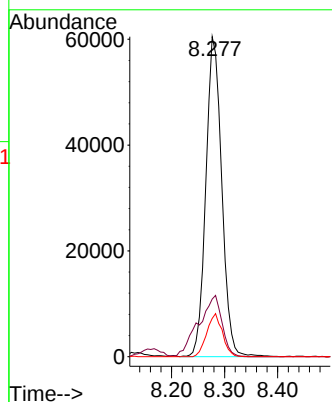
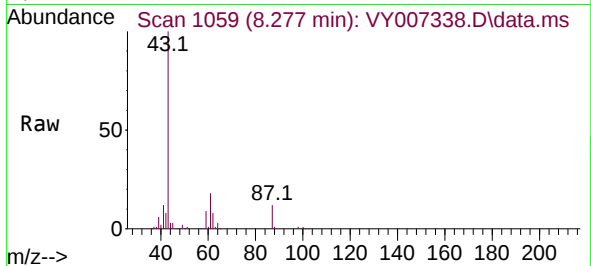




#43  
Isopropyl Acetate  
Concen: 52.437 ug/l  
RT: 8.277 min Scan# 11059  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

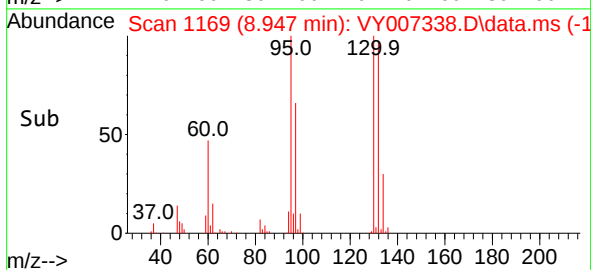
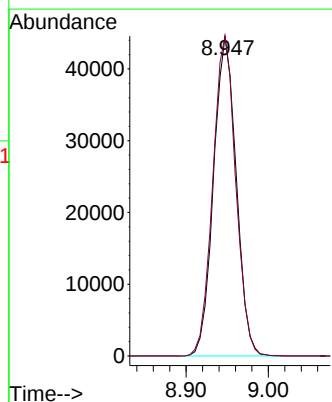
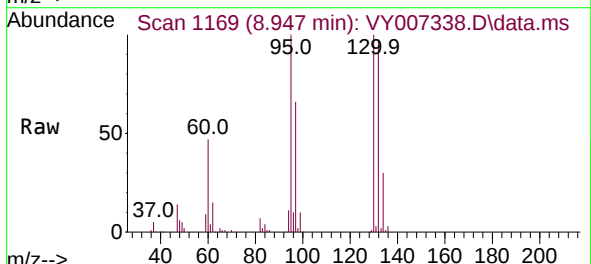
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

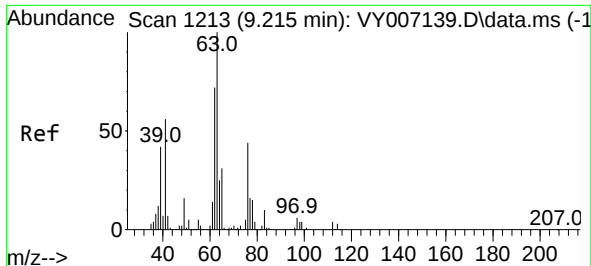
Tgt Ion: 43 Resp: 125991  
Ion Ratio Lower Upper  
43 100  
61 28.1 23.8 35.8  
87 13.2 11.6 17.4



#44  
Trichloroethene  
Concen: 49.010 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:130 Resp: 85121  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 196.6





#45

1,2-Dichloropropane

Concen: 51.404 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

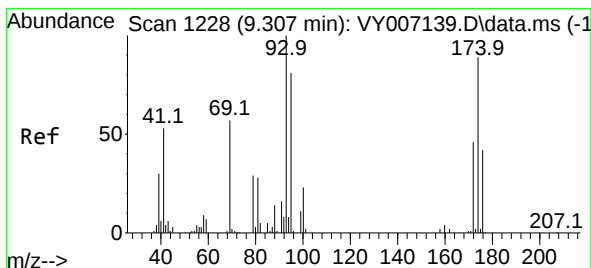
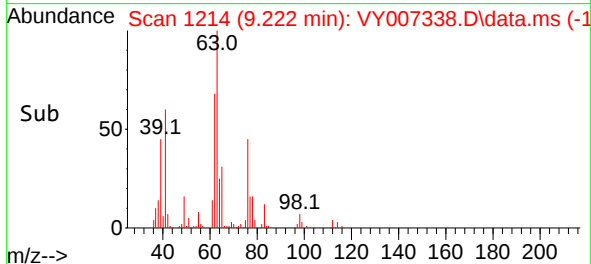
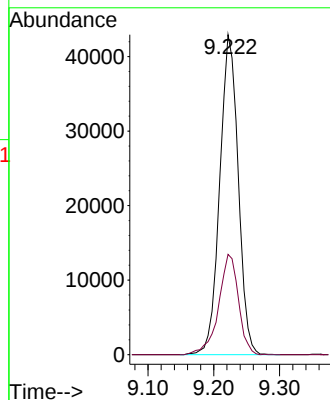
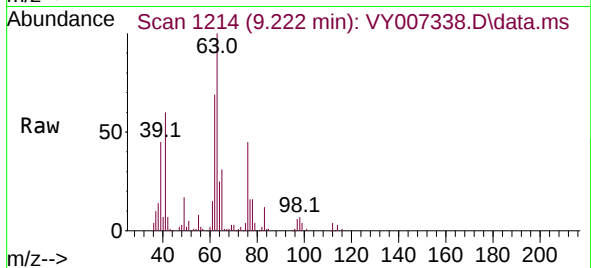
VSTDCCC050

Tgt Ion: 63 Resp: 83899

Ion Ratio Lower Upper

63 100

65 31.3 26.9 40.3



#46

Dibromomethane

Concen: 50.662 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

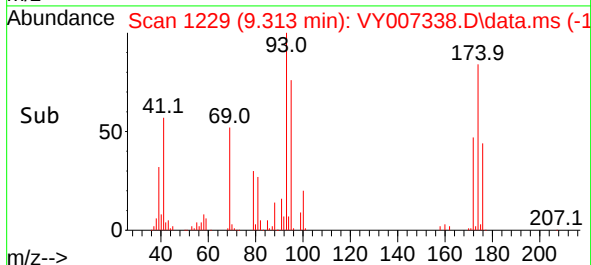
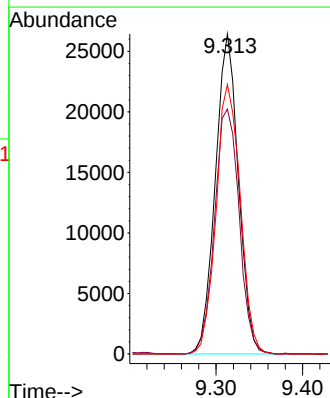
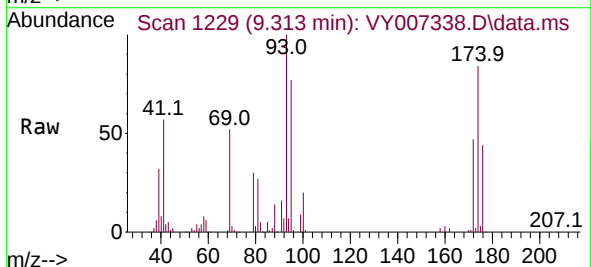
Tgt Ion: 93 Resp: 48898

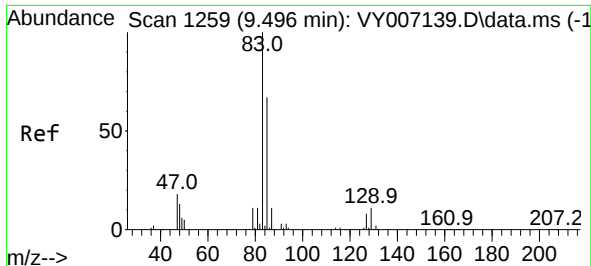
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

174 88.3 75.4 113.0

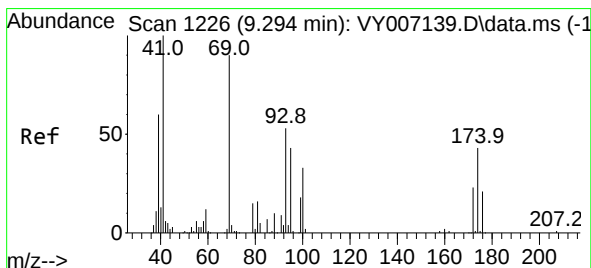
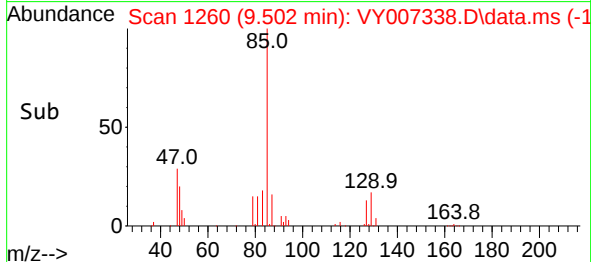
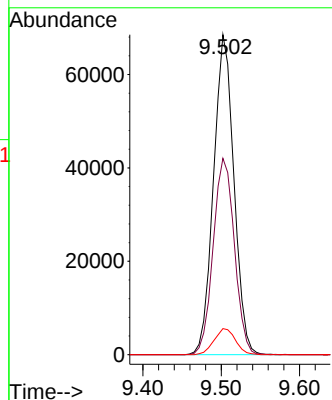
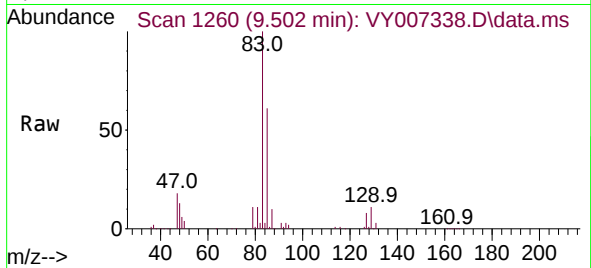




#47  
Bromodichloromethane  
Concen: 52.264 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

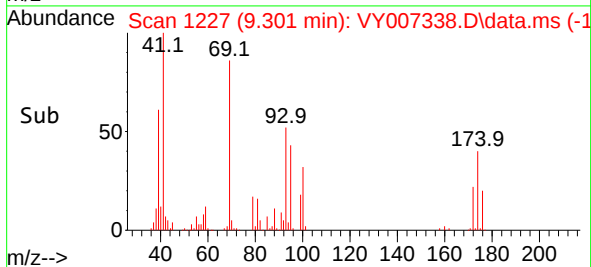
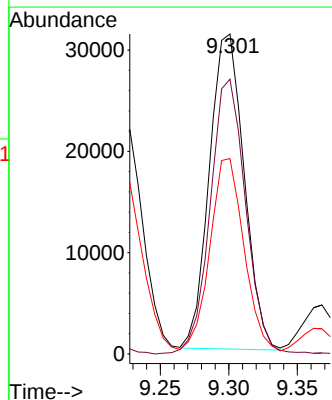
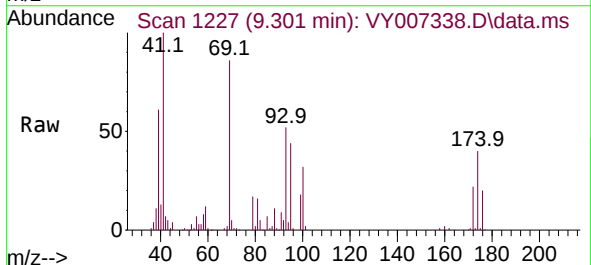
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

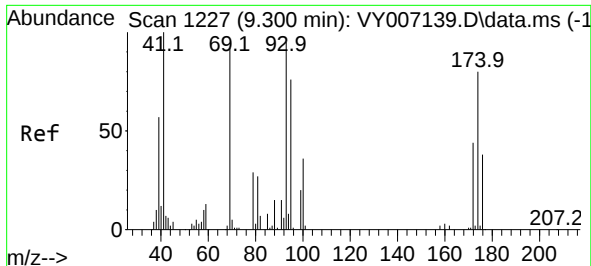
Tgt Ion: 83 Resp: 124010  
Ion Ratio Lower Upper  
83 100  
85 61.4 51.4 77.2  
127 8.1 6.5 9.7



#48  
Methyl methacrylate  
Concen: 50.180 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 41 Resp: 54840  
Ion Ratio Lower Upper  
41 100  
69 89.2 70.5 105.7  
39 59.8 43.8 65.8





#49

1,4-Dioxane

Concen: 1022.322 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

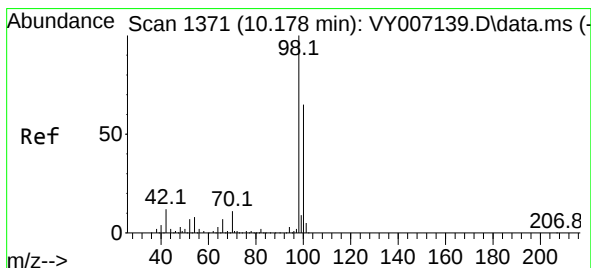
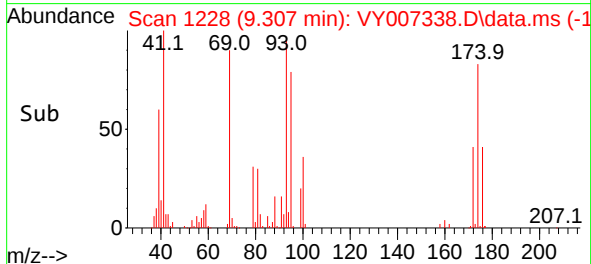
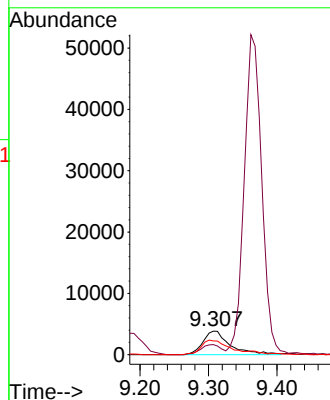
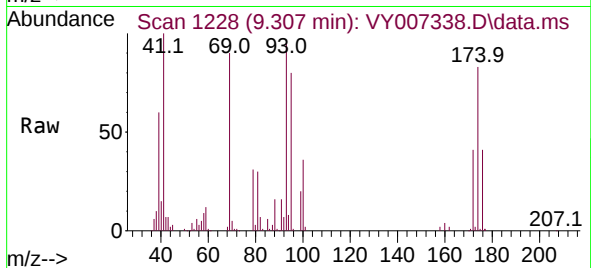
Tgt Ion: 88 Resp: 10639

Ion Ratio Lower Upper

88 100

43 32.2 22.0 33.0

58 61.9 58.6 87.8



#50

Toluene-d8

Concen: 44.437 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY007338.D

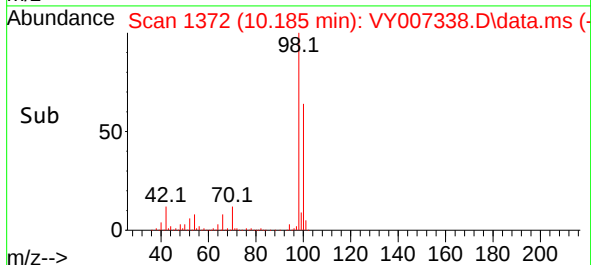
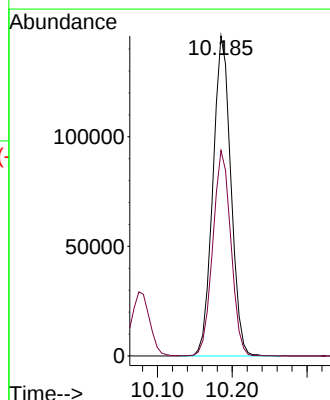
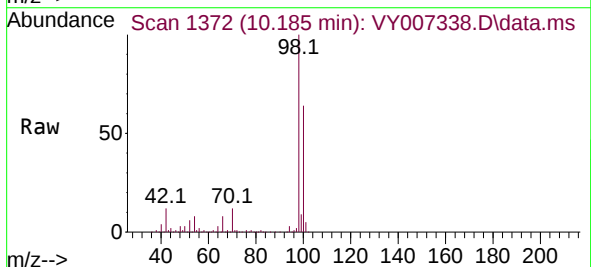
Acq: 31 Jan 2022 13:11

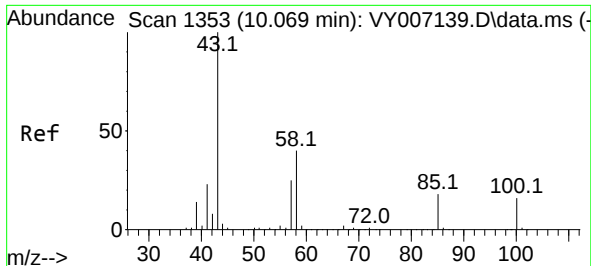
Tgt Ion: 98 Resp: 244619

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 266.064 ug/l

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

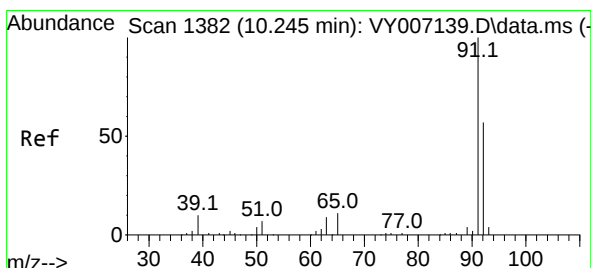
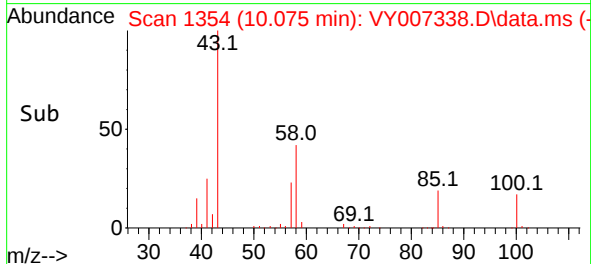
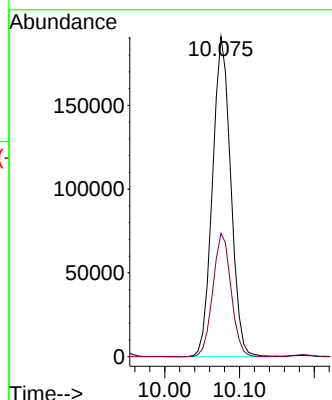
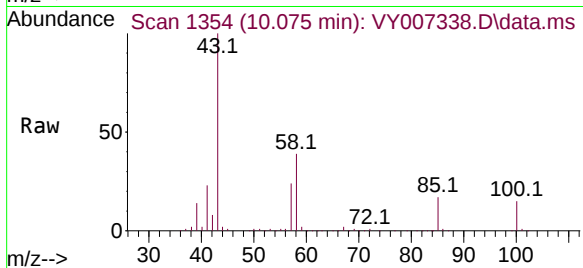
VSTDCCC050

Tgt Ion: 43 Resp: 324140

Ion Ratio Lower Upper

43 100

58 38.5 32.8 49.2



#52

Toluene

Concen: 49.868 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY007338.D

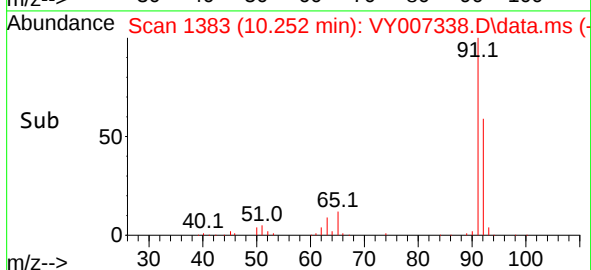
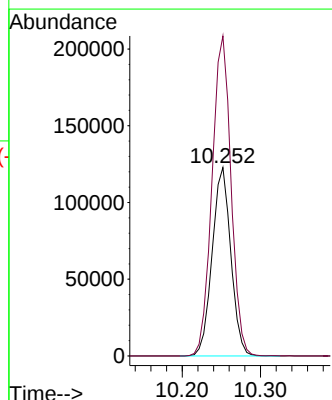
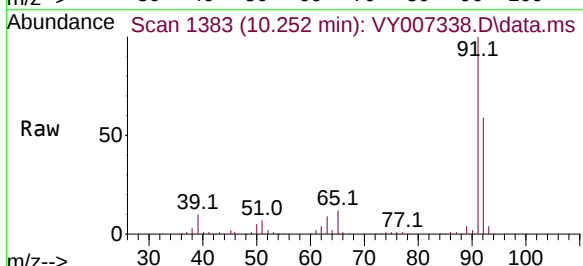
Acq: 31 Jan 2022 13:11

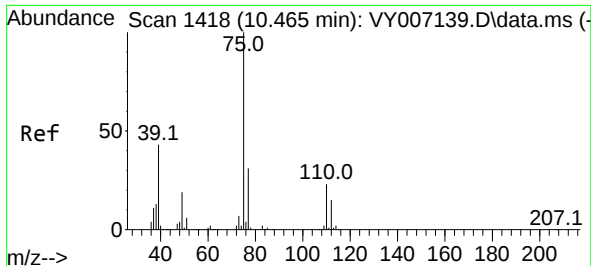
Tgt Ion: 92 Resp: 202879

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8

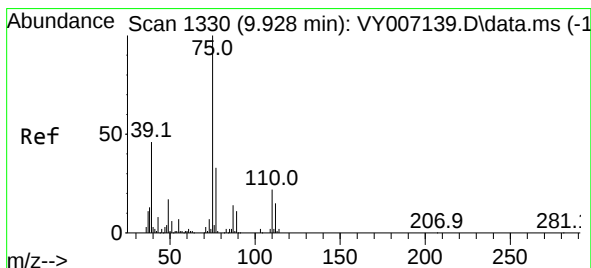
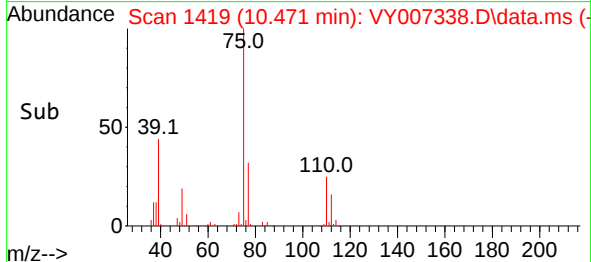
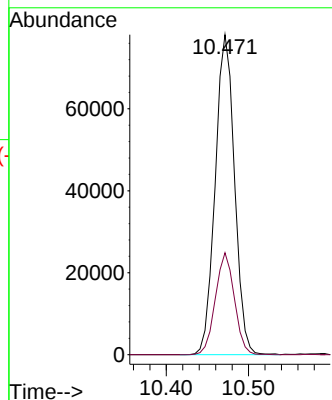
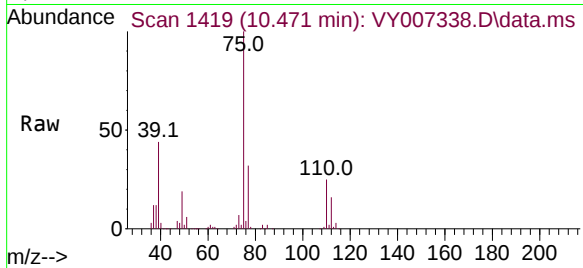




#53  
t-1,3-Dichloropropene  
Concen: 50.955 ug/l  
RT: 10.471 min Scan# 1418  
Delta R.T. 0.007 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

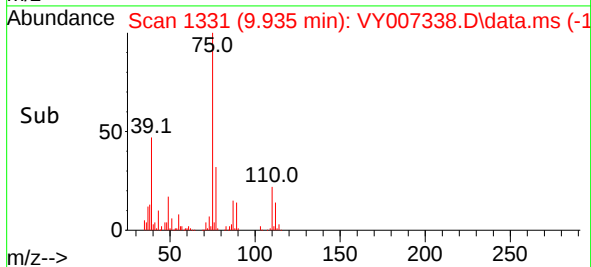
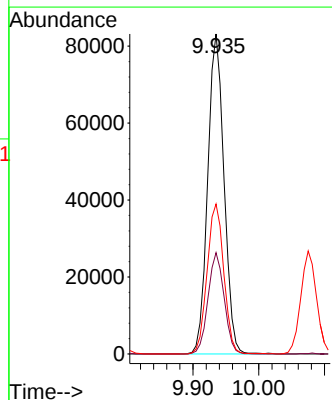
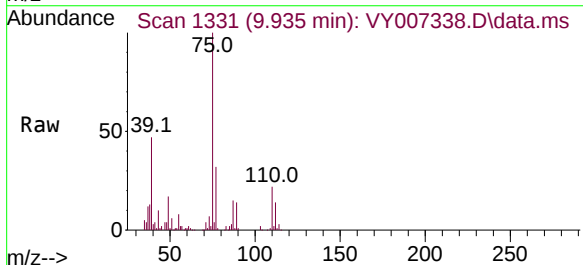
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

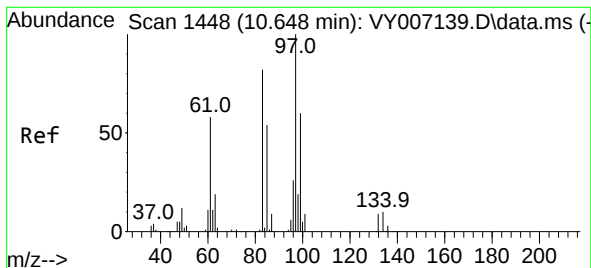
Tgt Ion: 75 Resp: 127628  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 51.105 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 75 Resp: 143284  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.7 38.5  
39 46.9 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 51.347 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 67222

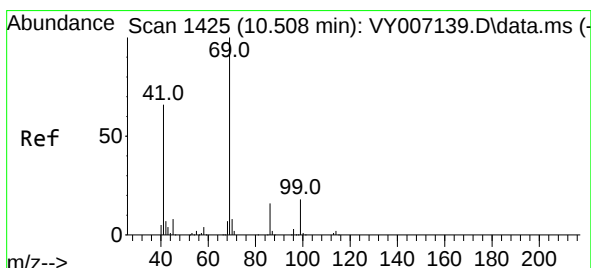
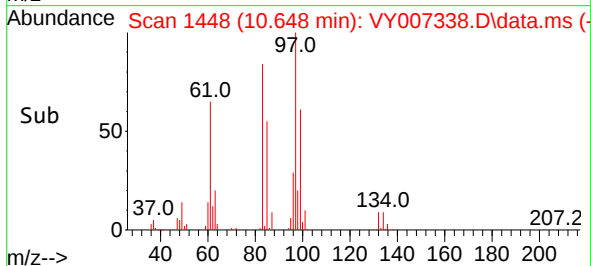
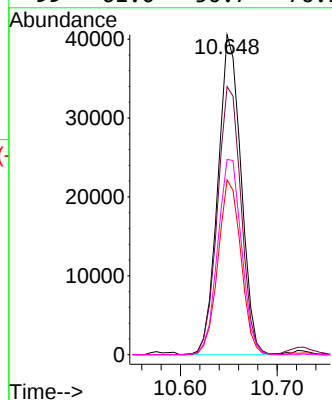
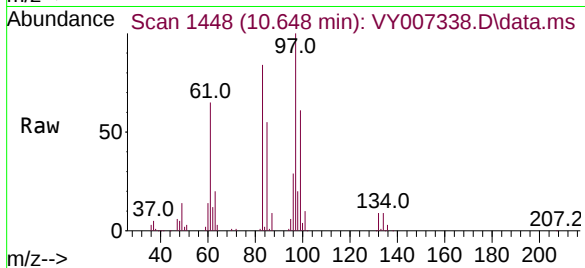
Ion Ratio Lower Upper

97 100

83 83.8 67.0 100.4

85 54.6 41.2 61.8

99 61.0 50.7 76.1



#56

Ethyl methacrylate

Concen: 51.367 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

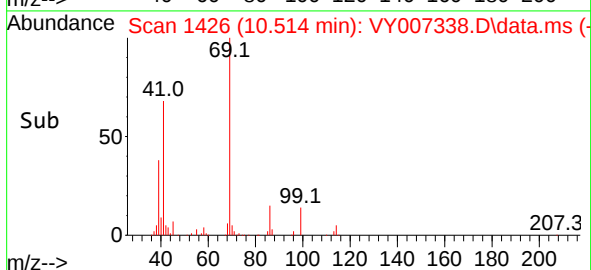
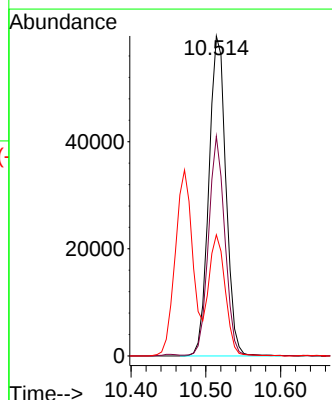
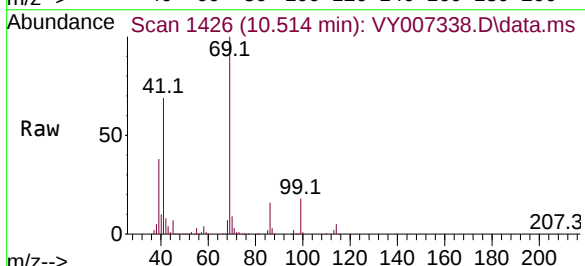
Tgt Ion: 69 Resp: 94738

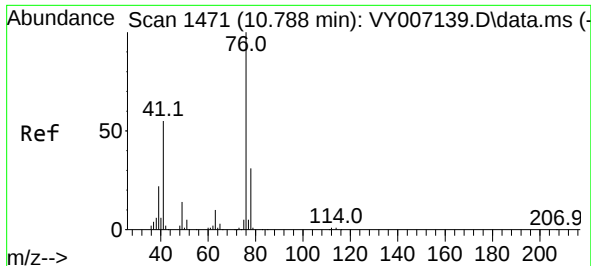
Ion Ratio Lower Upper

69 100

41 65.3 49.4 74.0

39 36.1 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.677 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

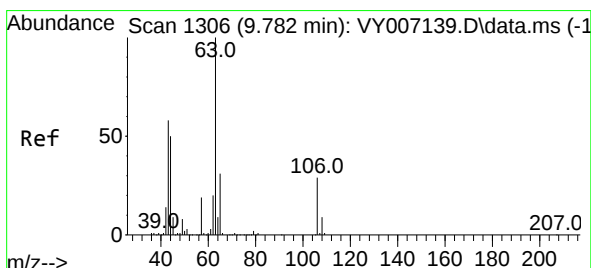
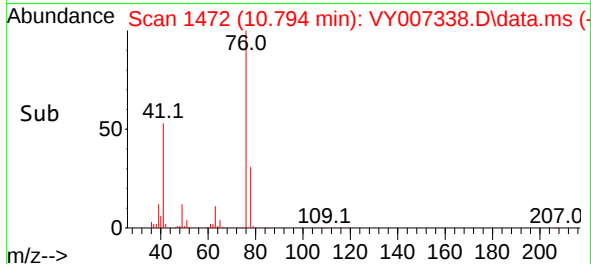
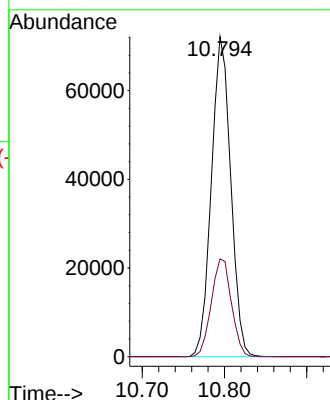
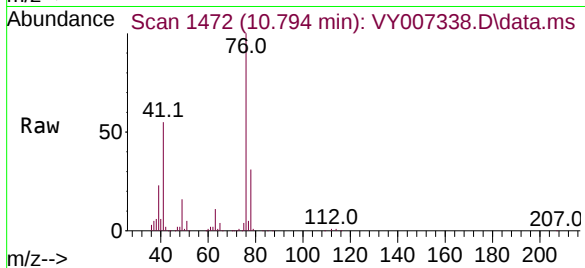
VSTDCCC050

Tgt Ion: 76 Resp: 117927

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 224.999 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY007338.D

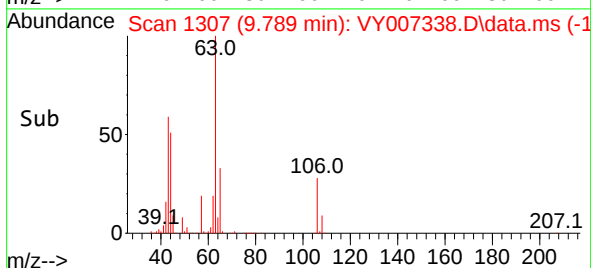
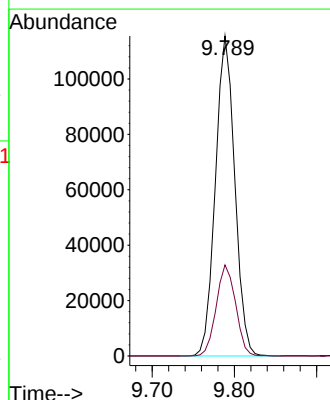
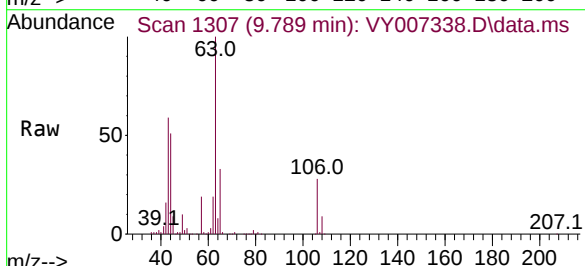
Acq: 31 Jan 2022 13:11

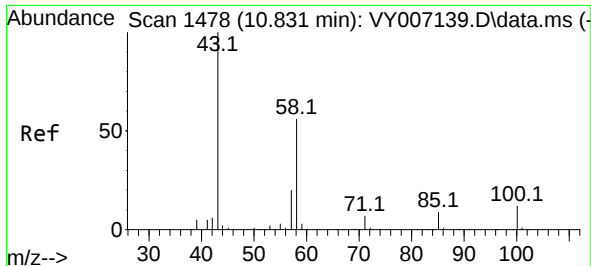
Tgt Ion: 63 Resp: 188696

Ion Ratio Lower Upper

63 100

106 28.4 23.3 34.9





#59

2-Hexanone

Concen: 257.566 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

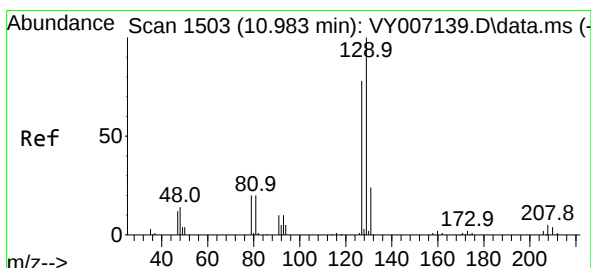
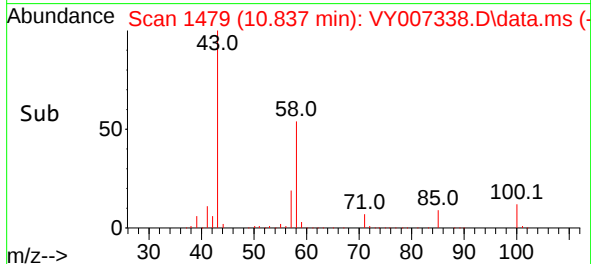
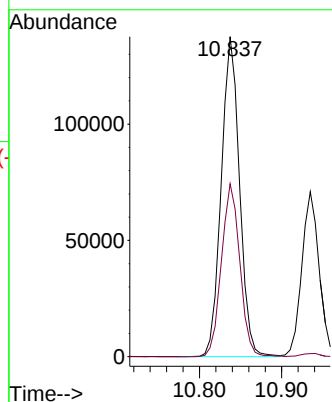
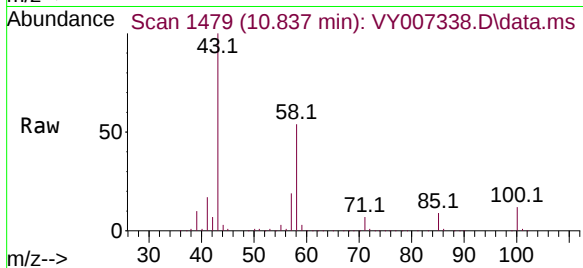
VSTDCCC050

Tgt Ion: 43 Resp: 212954

Ion Ratio Lower Upper

43 100

58 54.3 28.4 85.3



#60

Dibromochloromethane

Concen: 51.768 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.007 min

Lab File: VY007338.D

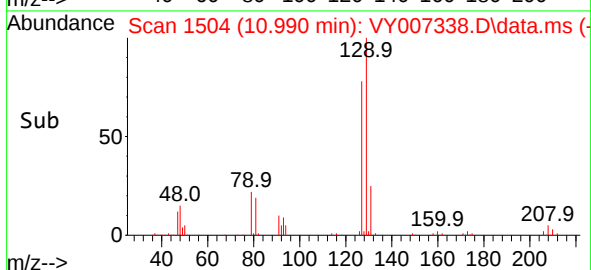
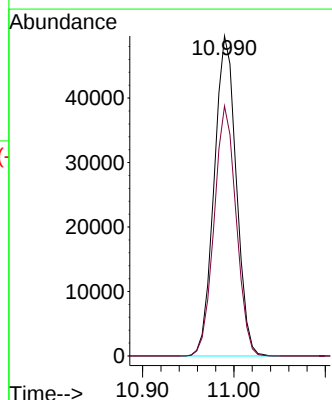
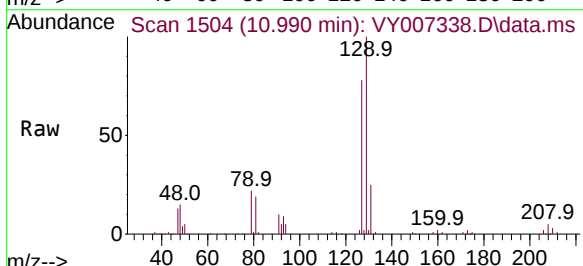
Acq: 31 Jan 2022 13:11

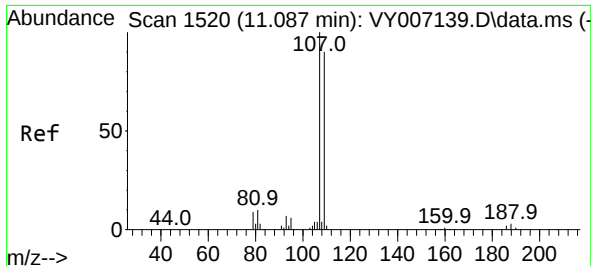
Tgt Ion:129 Resp: 83314

Ion Ratio Lower Upper

129 100

127 77.9 38.9 116.6

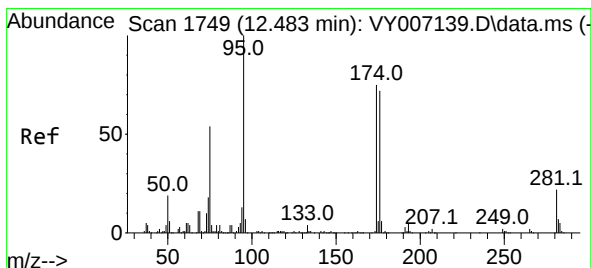
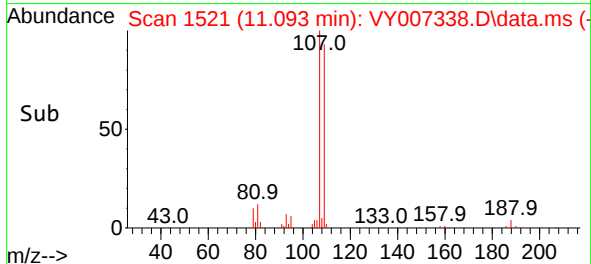
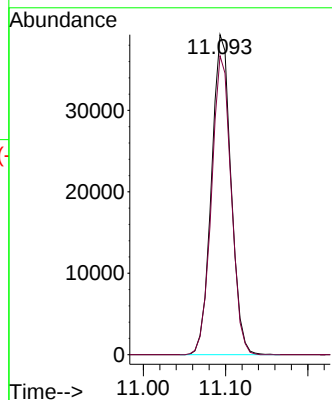
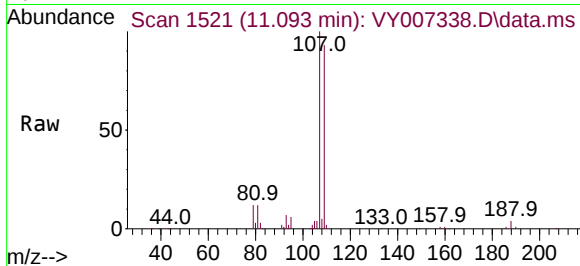




#61  
1,2-Dibromoethane  
Concen: 50.451 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

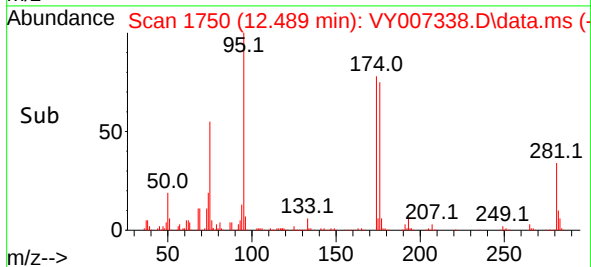
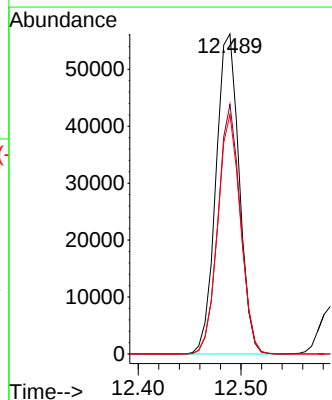
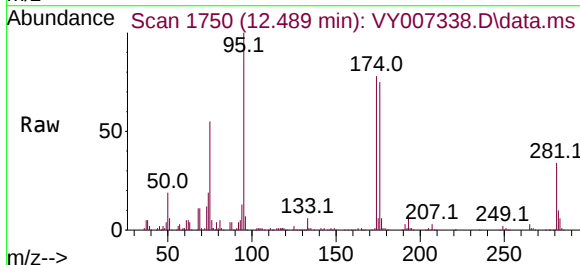
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

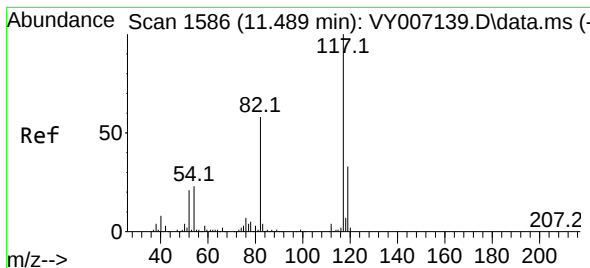
Tgt Ion:107 Resp: 64888  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 45.057 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 95 Resp: 88227  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 148.4  
176 73.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

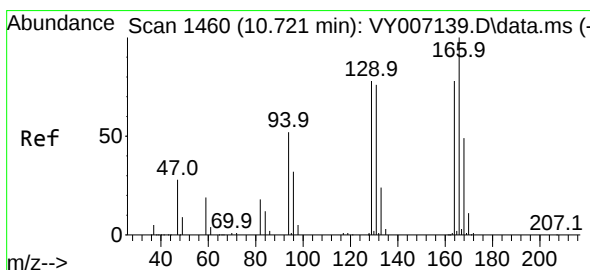
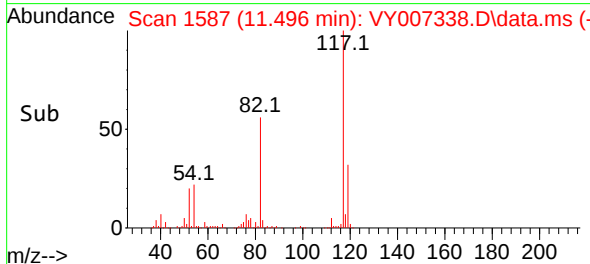
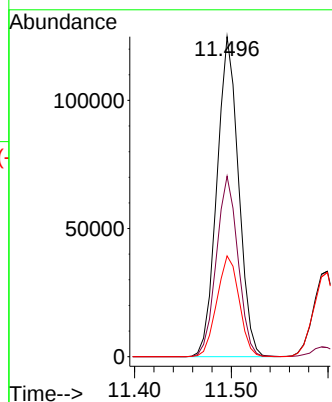
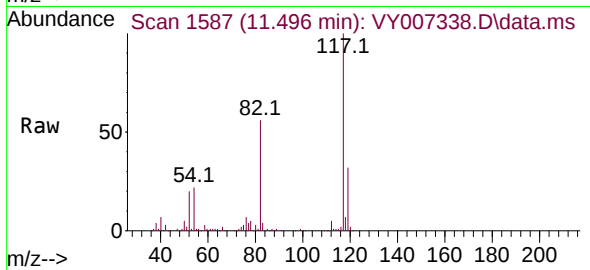
Tgt Ion:117 Resp: 194124

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

119 31.5 26.4 39.6



#64

Tetrachloroethene

Concen: 47.477 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Tgt Ion:164 Resp: 66432

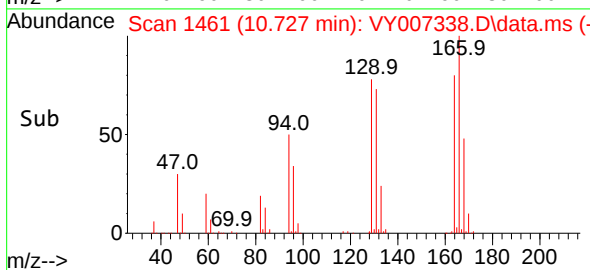
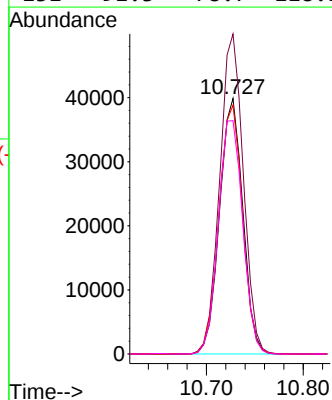
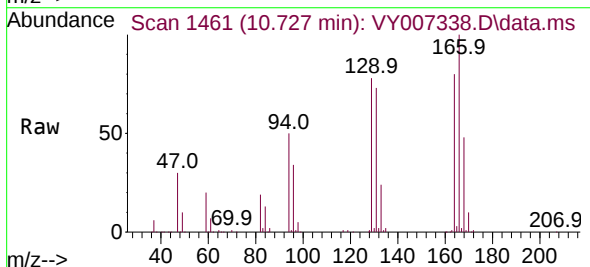
Ion Ratio Lower Upper

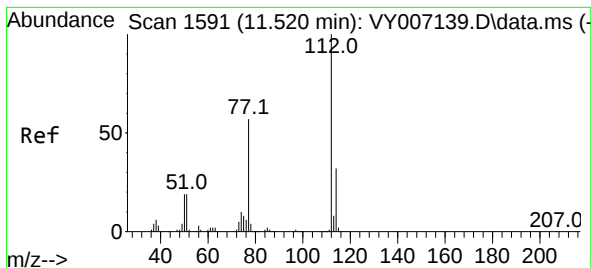
164 100

166 125.2 102.6 154.0

129 97.4 84.6 127.0

131 91.3 78.7 118.1

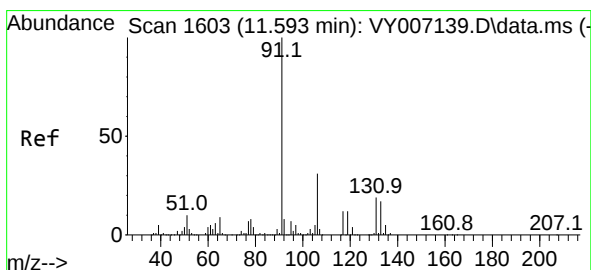
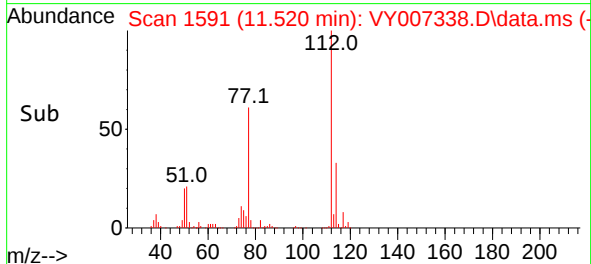
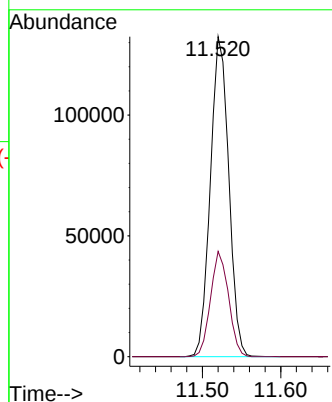
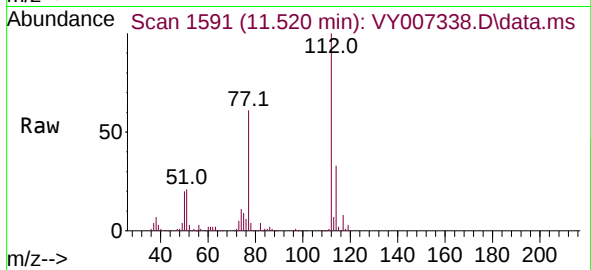




#65  
Chlorobenzene  
Concen: 50.886 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

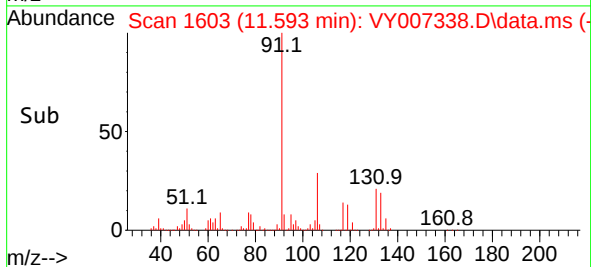
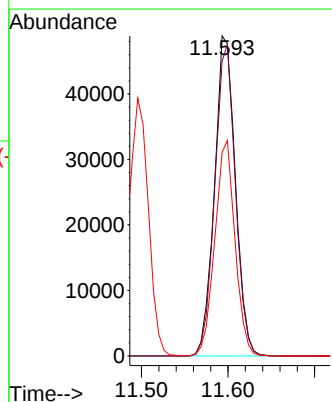
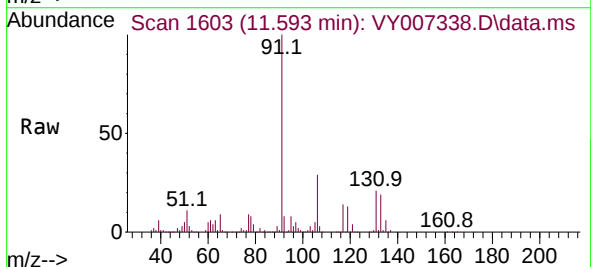
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

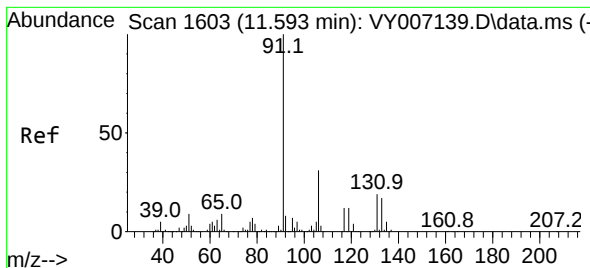
Tgt Ion:112 Resp: 215992  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.172 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:131 Resp: 82091  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.5 142.5  
119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 50.773 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

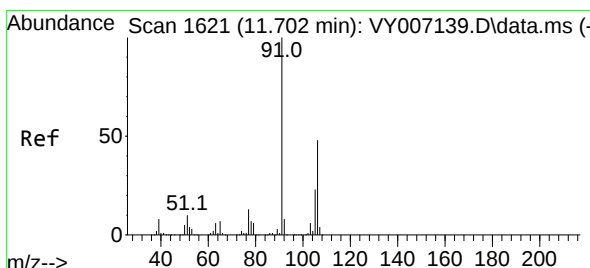
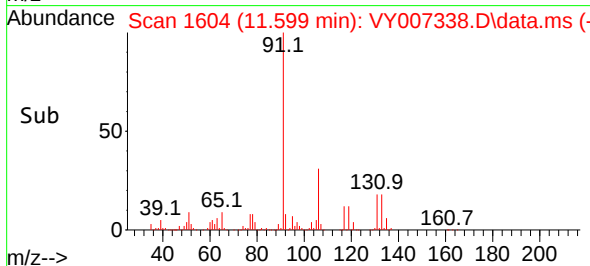
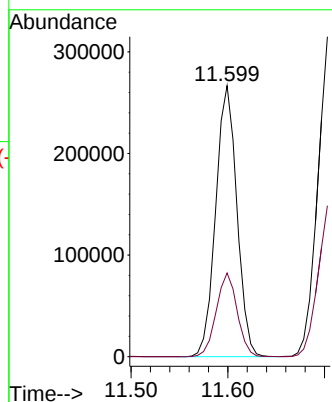
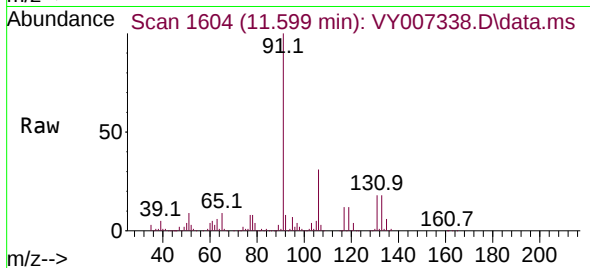
VSTDCCC050

Tgt Ion: 91 Resp: 405061

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 100.821 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.007 min

Lab File: VY007338.D

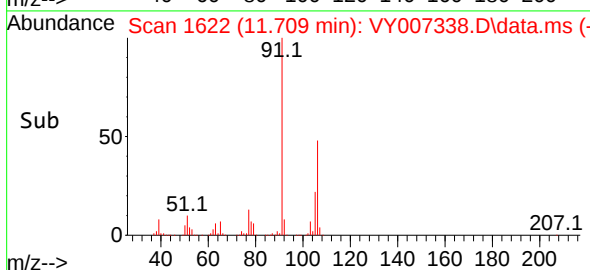
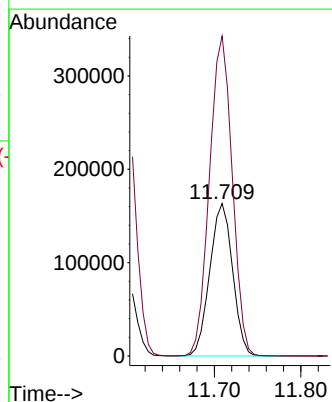
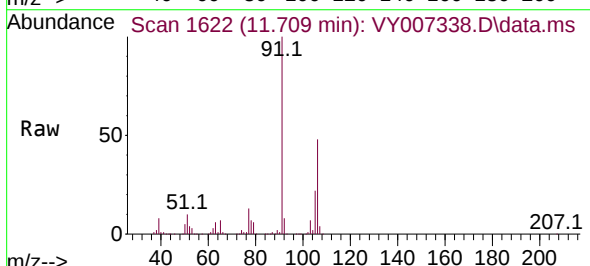
Acq: 31 Jan 2022 13:11

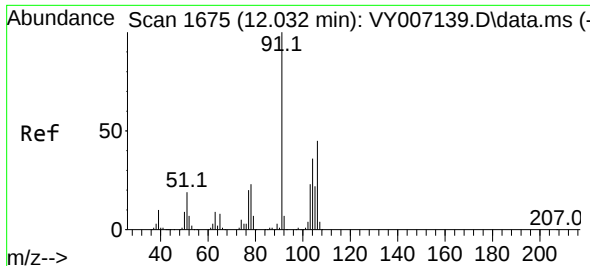
Tgt Ion:106 Resp: 298905

Ion Ratio Lower Upper

106 100

91 209.7 167.1 250.7

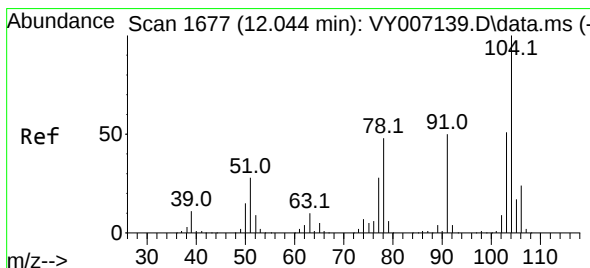
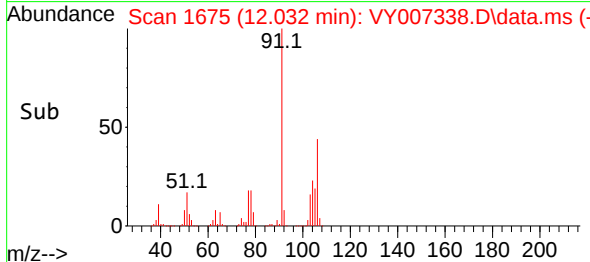
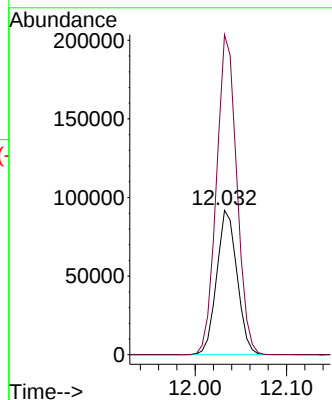
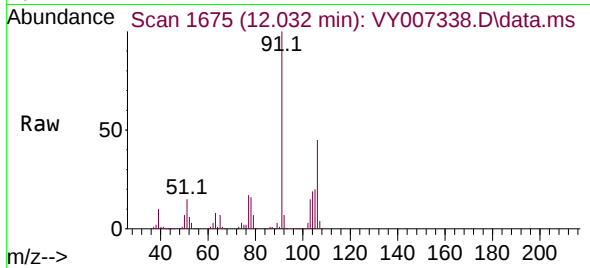




#69  
o-Xylene  
Concen: 50.887 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

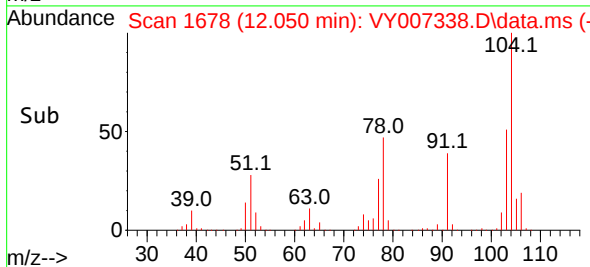
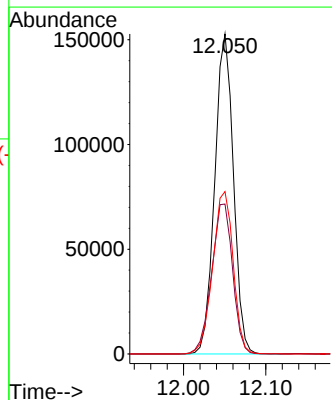
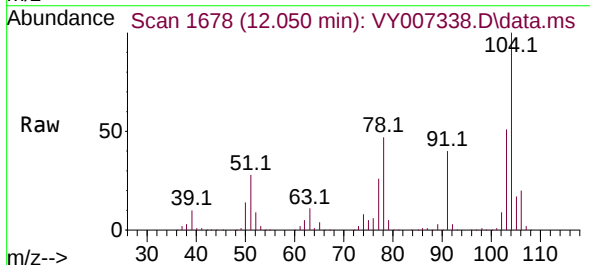
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

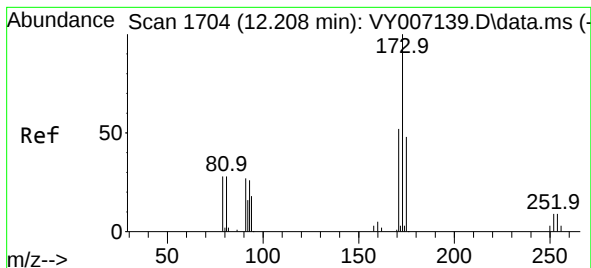
Tgt Ion:106 Resp: 142071  
Ion Ratio Lower Upper  
106 100  
91 221.3 109.9 329.6



#70  
Styrene  
Concen: 51.182 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.007 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:104 Resp: 241064  
Ion Ratio Lower Upper  
104 100  
78 52.7 41.4 62.0  
103 55.8 44.2 66.2





#71

Bromoform

Concen: 51.849 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

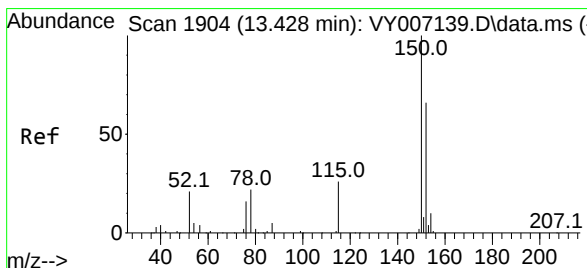
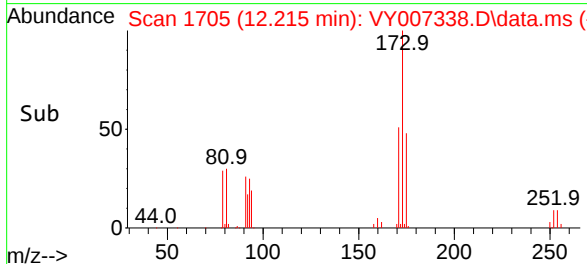
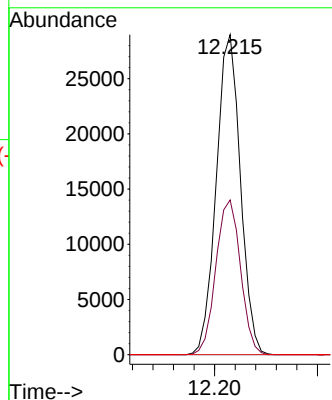
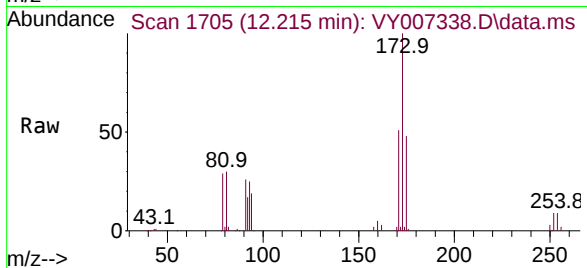
Tgt Ion:173 Resp: 47190

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

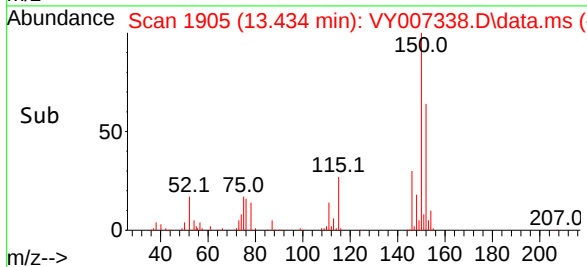
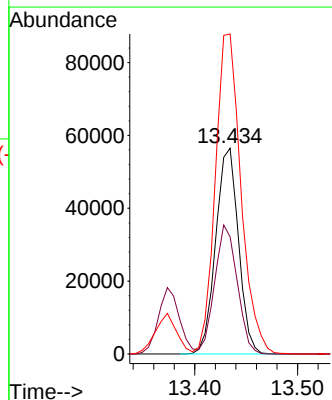
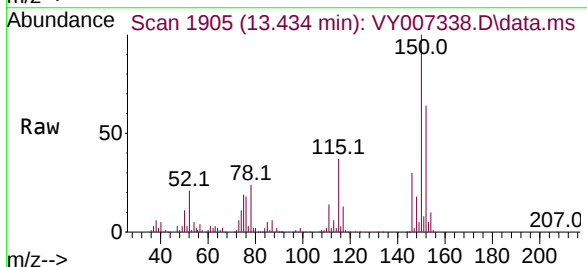
Tgt Ion:152 Resp: 86649

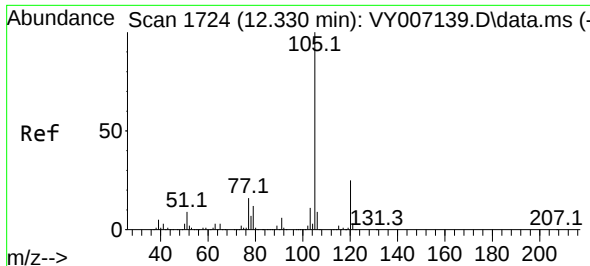
Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.0

150 175.4 0.0 348.4

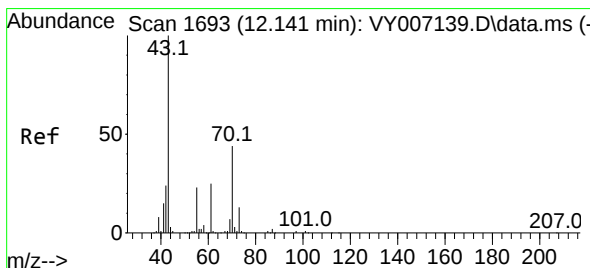
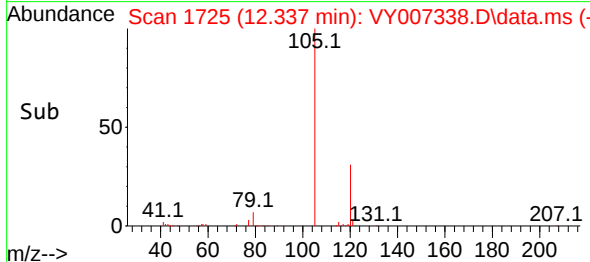
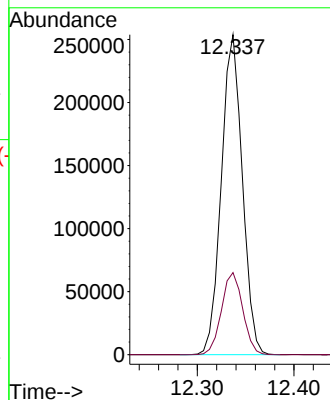
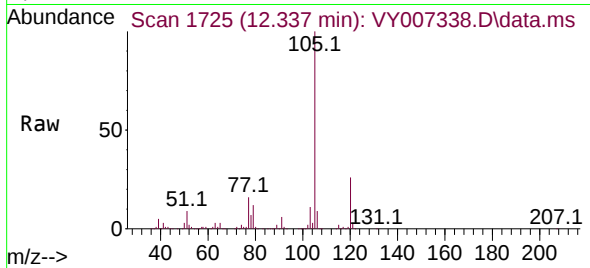




#73  
Isopropylbenzene  
Concen: 51.068 ug/l  
RT: 12.337 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

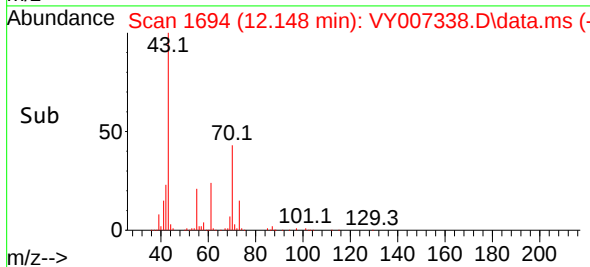
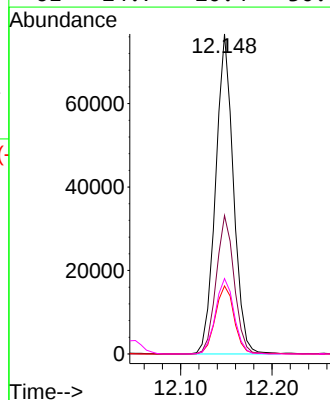
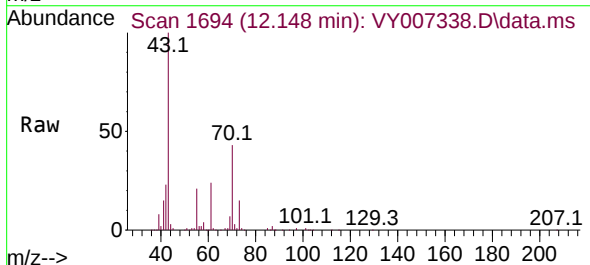
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

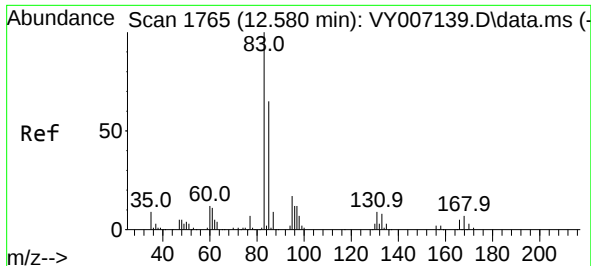
Tgt Ion:105 Resp: 382192  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.1



#74  
N-amy1 acetate  
Concen: 51.834 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 43 Resp: 103735  
Ion Ratio Lower Upper  
43 100  
70 43.8 36.2 54.4  
55 22.6 19.0 28.4  
61 24.7 20.4 30.6

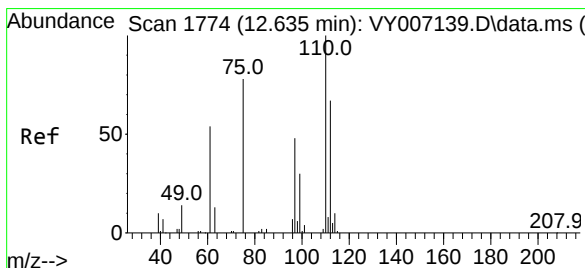
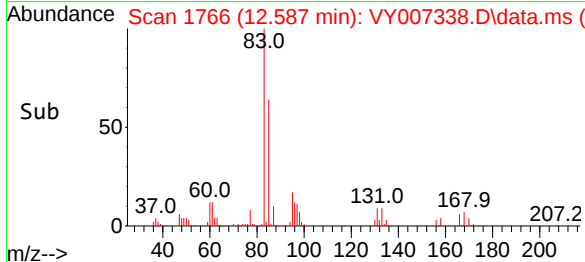
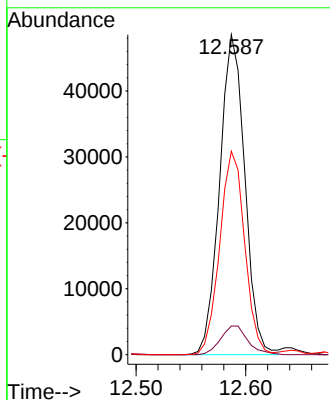
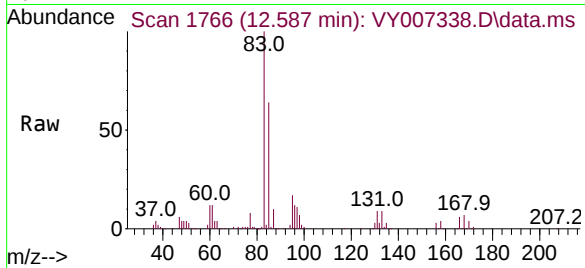




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 53.303 ug/l  
 RT: 12.587 min Scan# 1765  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

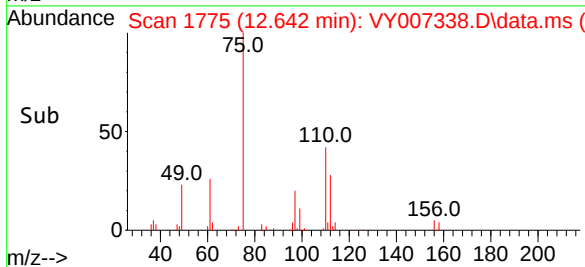
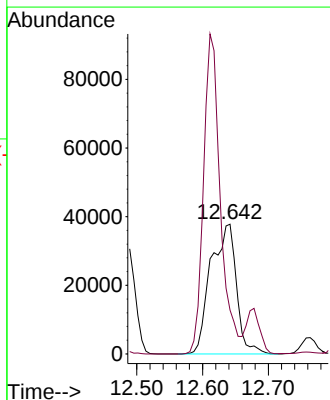
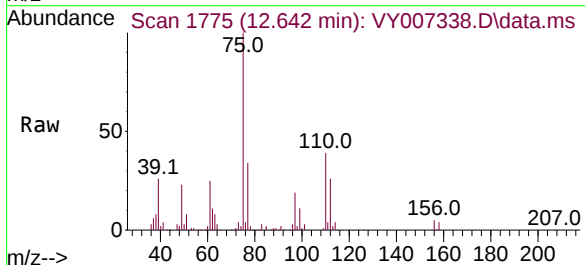
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

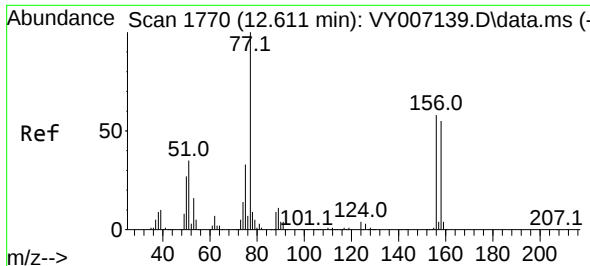
Tgt Ion: 83 Resp: 77571  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.3 16.1  
 85 62.9 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 104.179 ug/l  
 RT: 12.642 min Scan# 1775  
 Delta R.T. 0.006 min  
 Lab File: VY007338.D  
 Acq: 31 Jan 2022 13:11

Tgt Ion: 75 Resp: 102932  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

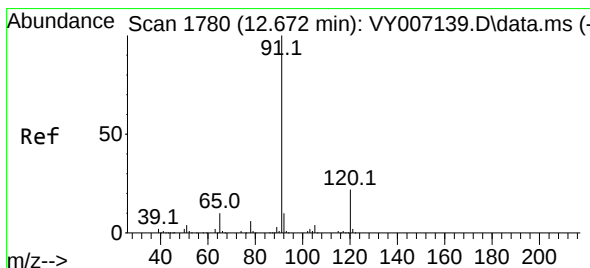
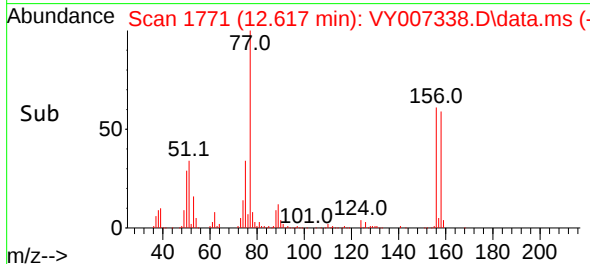
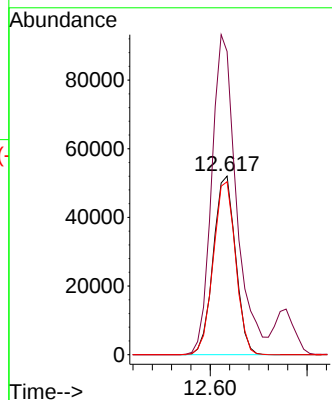
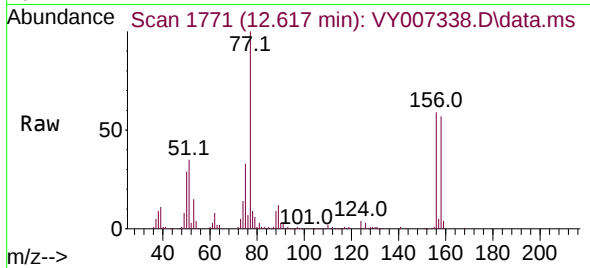




#77  
Bromobenzene  
Concen: 51.125 ug/l  
RT: 12.617 min Scan# 1771  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

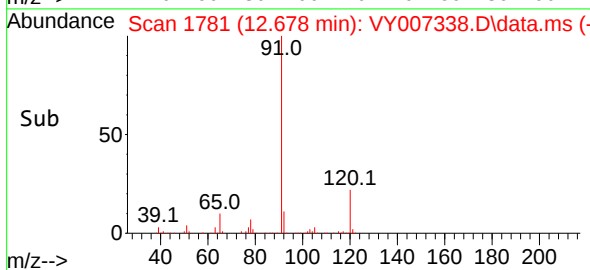
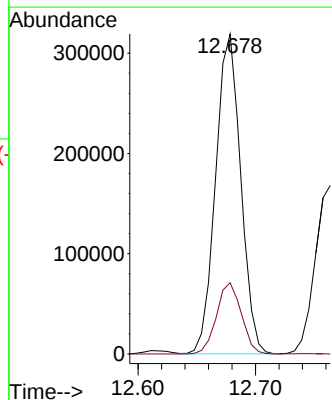
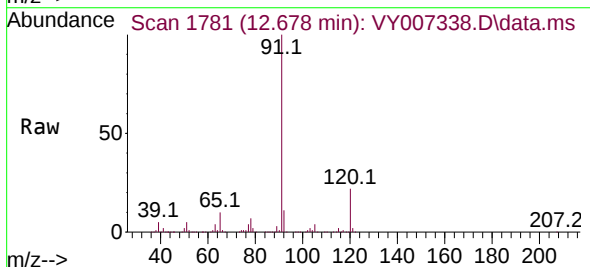
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

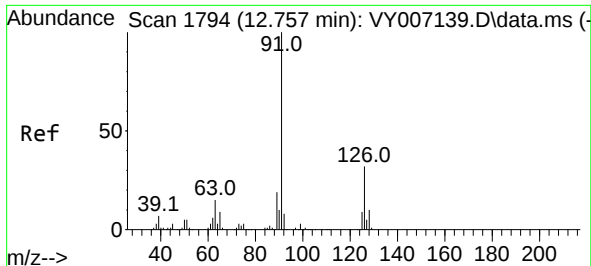
Tgt Ion:156 Resp: 83255  
Ion Ratio Lower Upper  
156 100  
77 200.2 98.7 296.1  
158 97.1 48.4 145.2



#78  
n-propylbenzene  
Concen: 51.048 ug/l  
RT: 12.678 min Scan# 1781  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 91 Resp: 473593  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.2 33.5

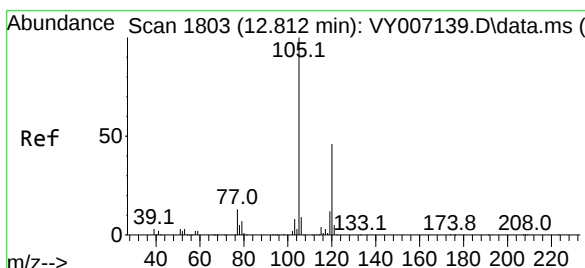
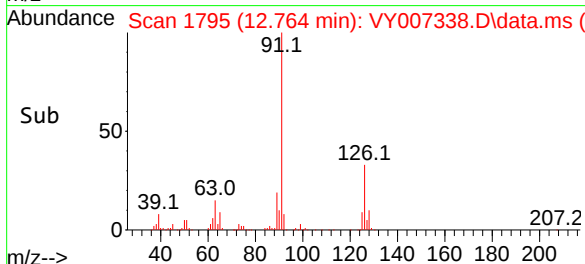
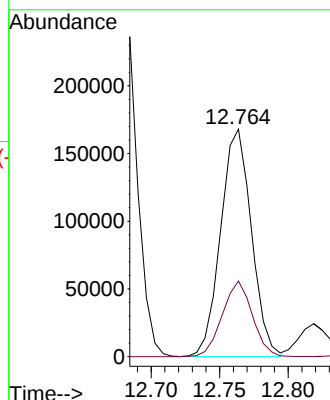
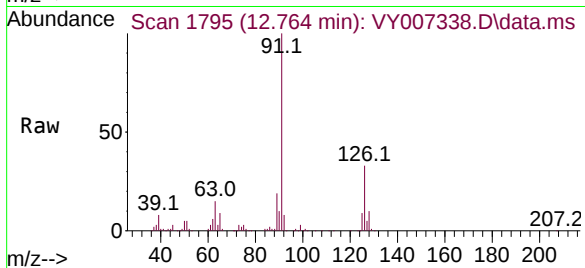




#79  
2-Chlorotoluene  
Concen: 50.872 ug/l  
RT: 12.764 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

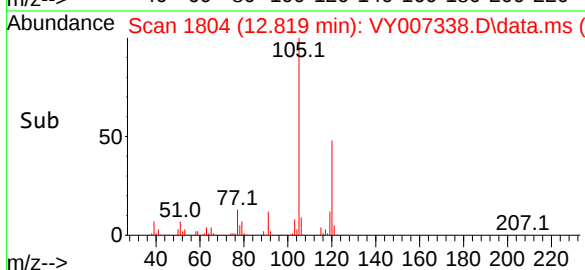
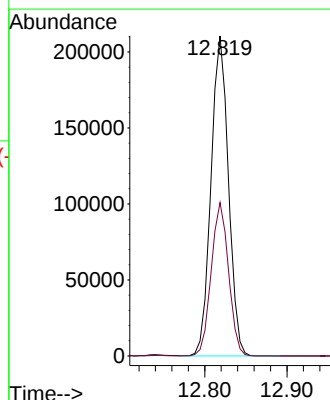
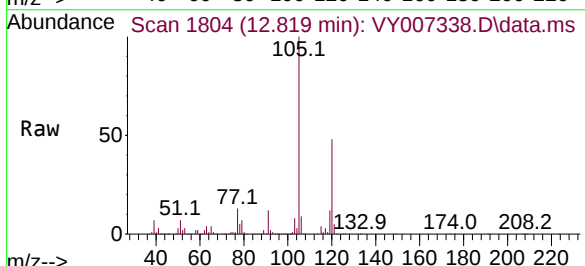
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

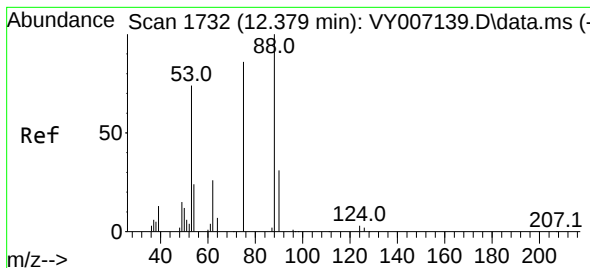
Tgt Ion: 91 Resp: 262411  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 50.323 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 105 Resp: 309229  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.7 71.1

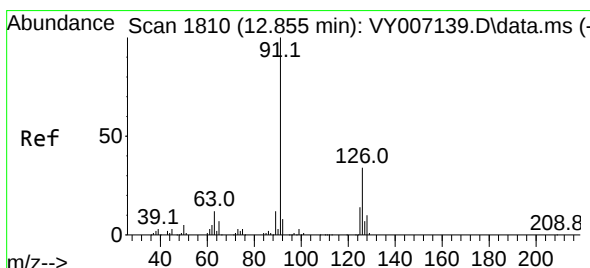
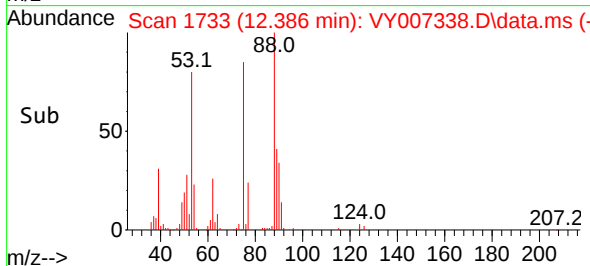
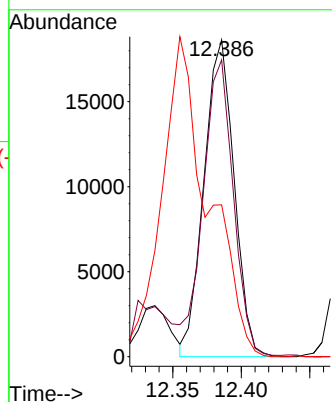
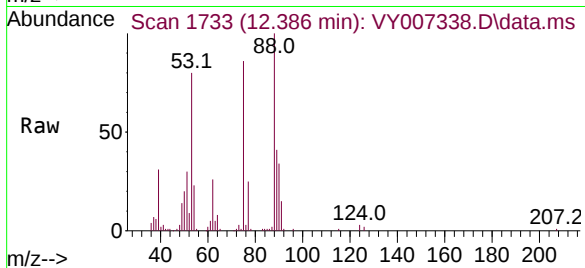




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.776 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

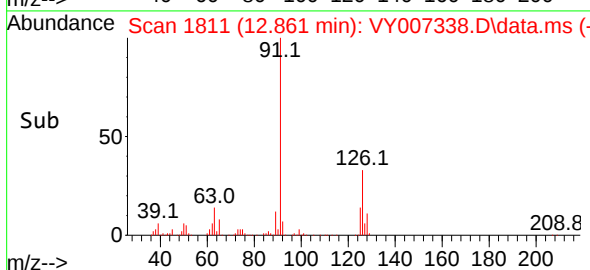
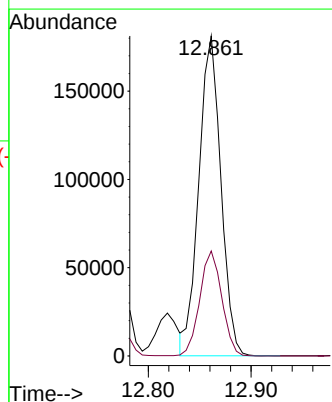
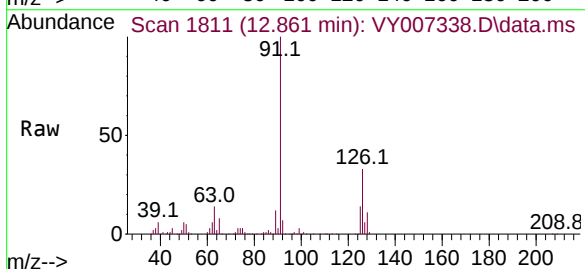
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

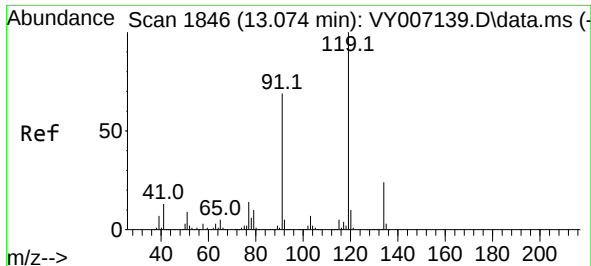
Tgt Ion: 75 Resp: 28483  
Ion Ratio Lower Upper  
75 100  
53 94.1 73.9 110.9  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 50.258 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.007 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 91 Resp: 270429  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.3 48.9

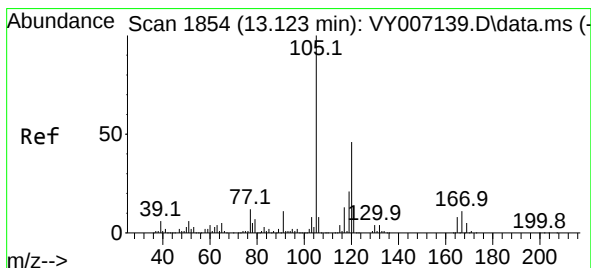
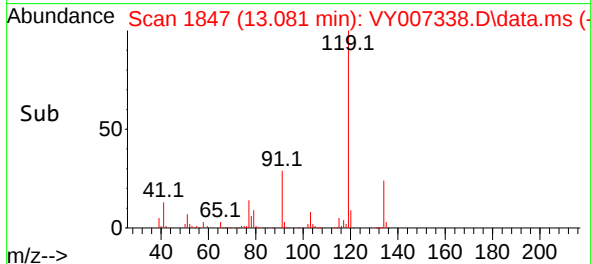
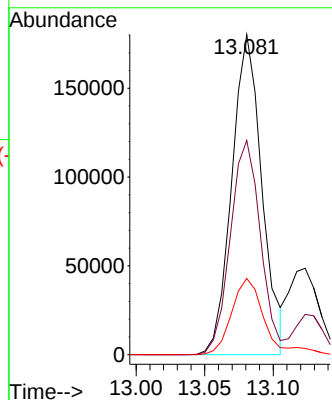
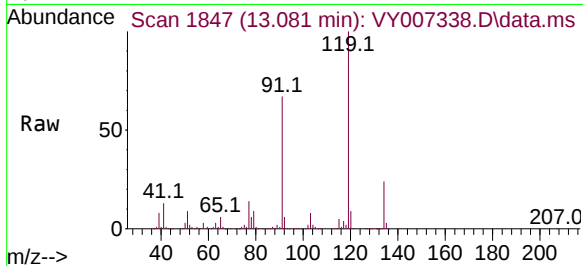




#83  
tert-Butylbenzene  
Concen: 51.944 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

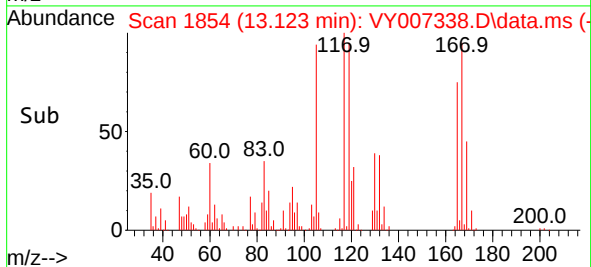
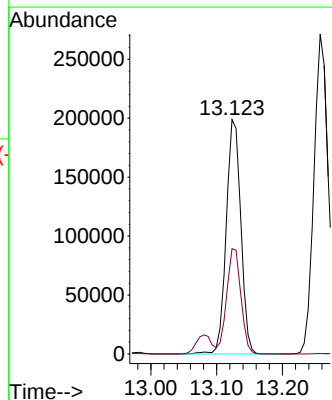
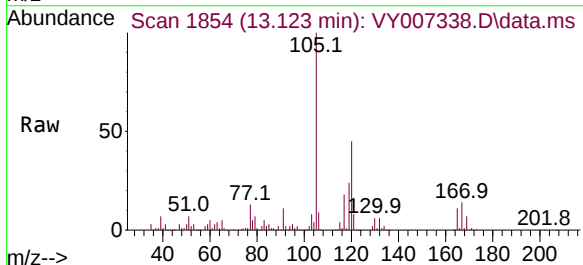
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

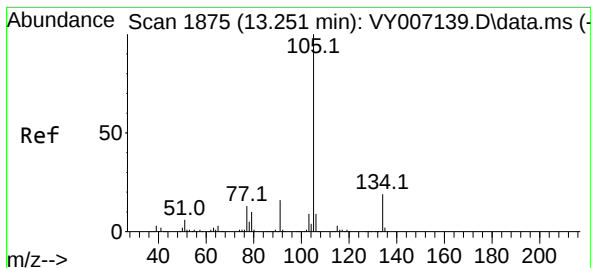
Tgt Ion:119 Resp: 275807  
Ion Ratio Lower Upper  
119 100  
91 66.9 33.1 99.5  
134 25.9 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 50.405 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:105 Resp: 307015  
Ion Ratio Lower Upper  
105 100  
120 43.9 21.6 64.6





#85

sec-Butylbenzene

Concen: 51.590 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

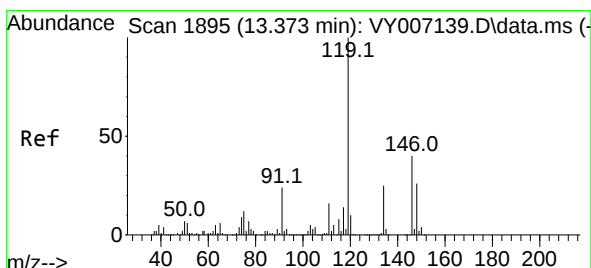
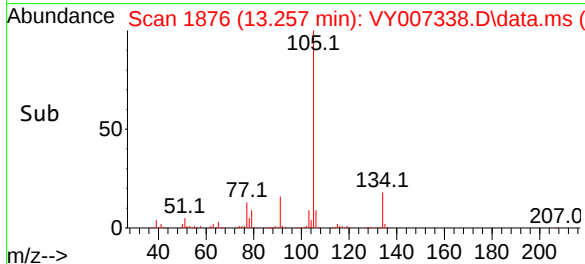
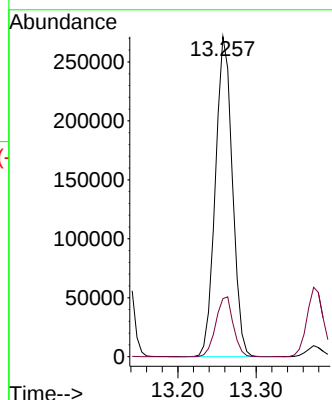
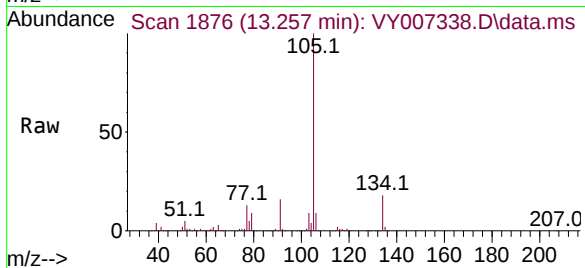
VSTDCCC050

Tgt Ion:105 Resp: 409810

Ion Ratio Lower Upper

105 100

134 19.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.140 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

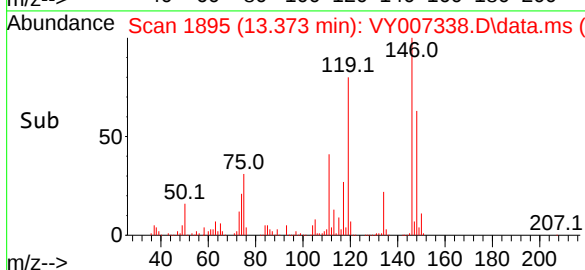
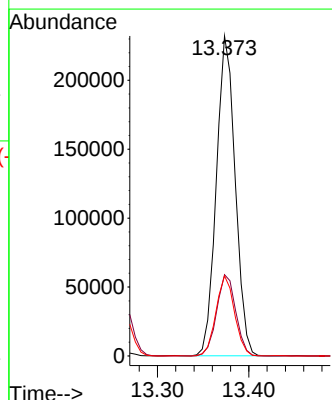
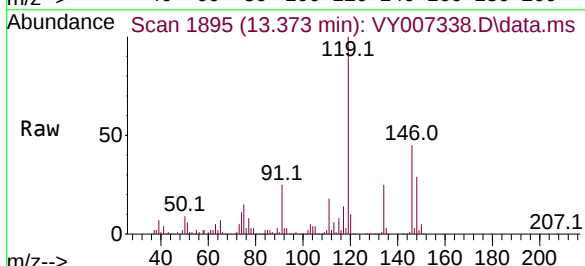
Tgt Ion:119 Resp: 333833

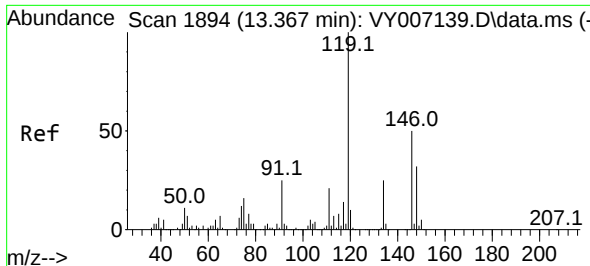
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 24.6 12.4 37.2

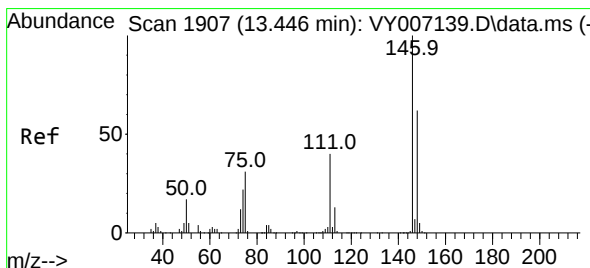
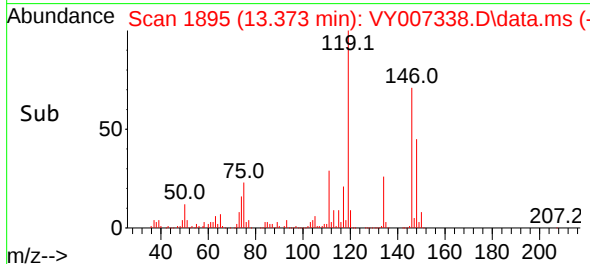
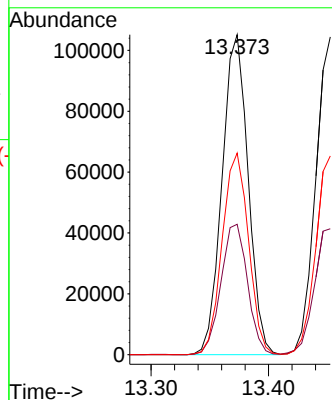
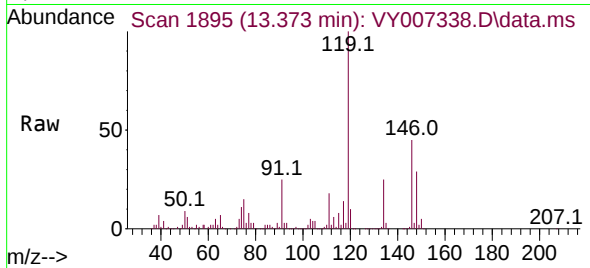




#87  
1,3-Dichlorobenzene  
Concen: 50.898 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.007 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

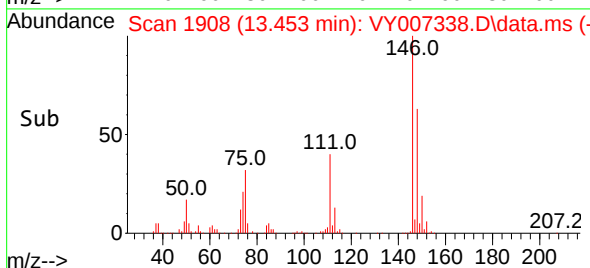
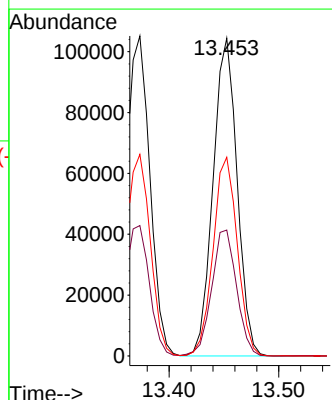
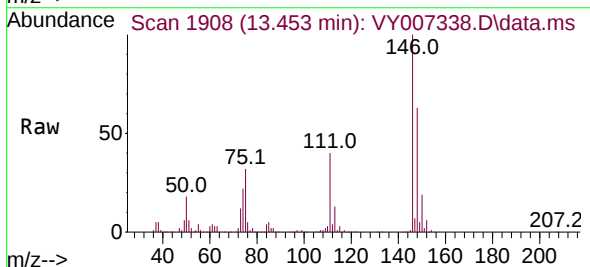
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

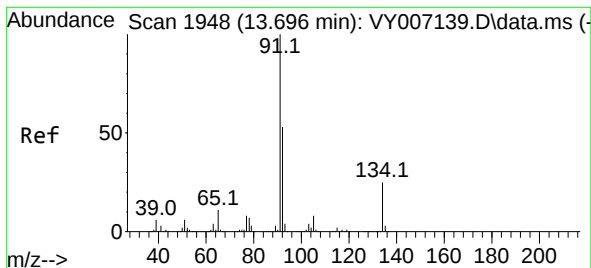
Tgt Ion:146 Resp: 162233  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.1 63.1  
148 63.7 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 49.633 ug/l  
RT: 13.453 min Scan# 1908  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion:146 Resp: 159080  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.7 62.1  
148 63.1 32.0 96.2





#89

n-Butylbenzene

Concen: 50.777 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

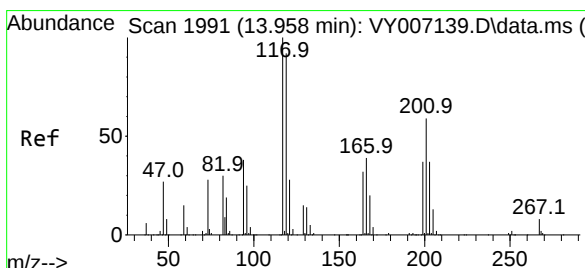
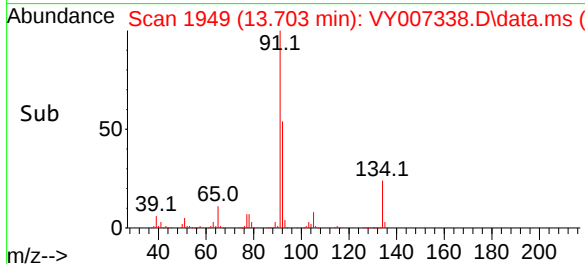
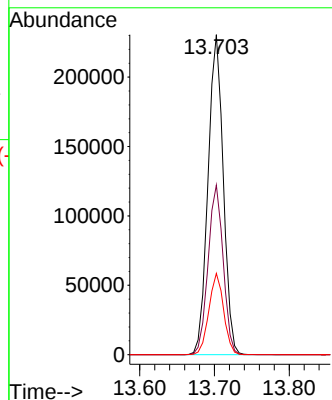
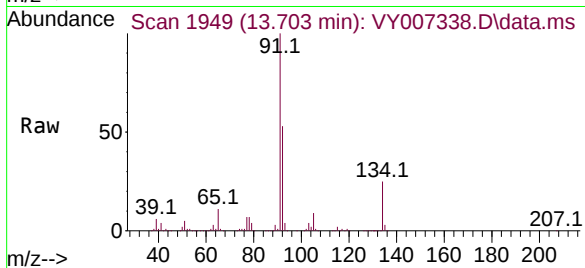
Tgt Ion: 91 Resp: 326372

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.6

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 52.098 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY007338.D

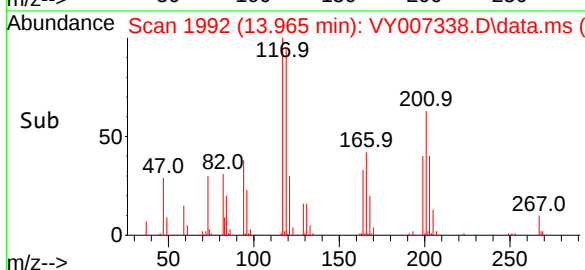
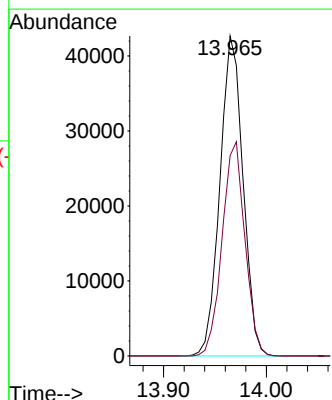
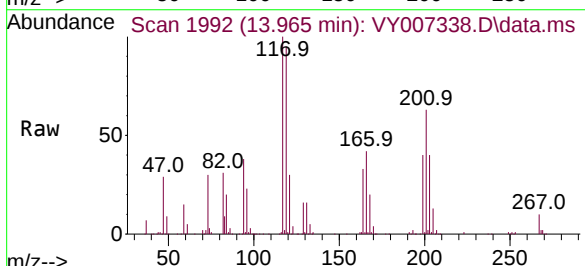
Acq: 31 Jan 2022 13:11

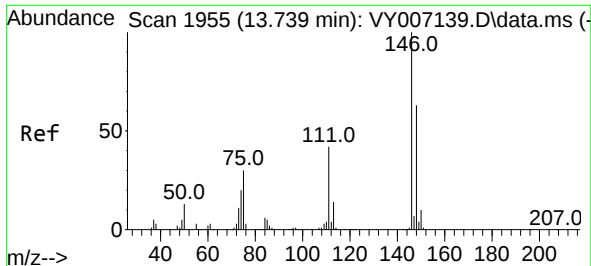
Tgt Ion: 117 Resp: 66487

Ion Ratio Lower Upper

117 100

201 66.3 33.6 100.6

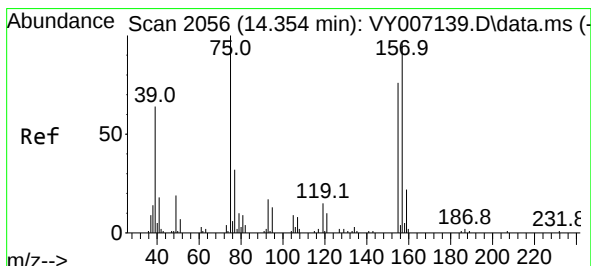
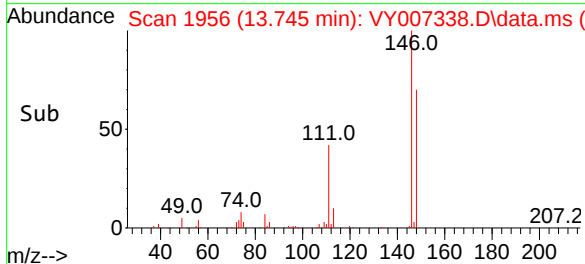
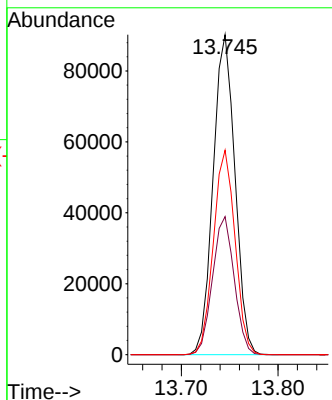
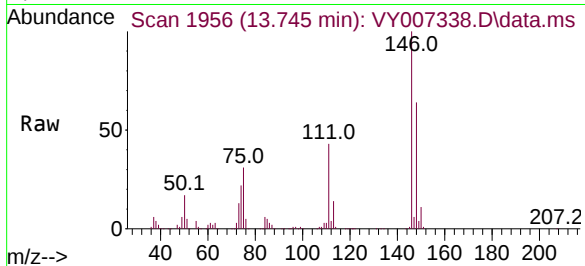




#91  
1,2-Dichlorobenzene  
Concen: 49.836 ug/l  
RT: 13.745 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

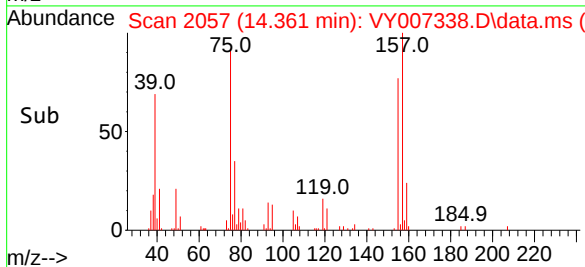
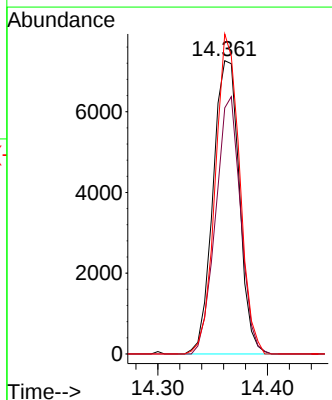
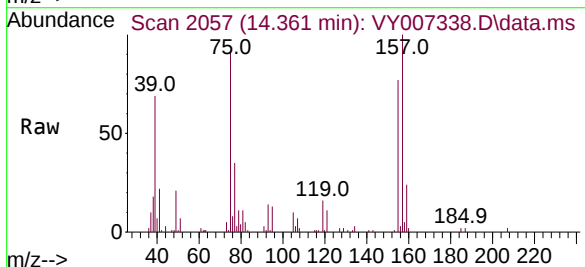
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

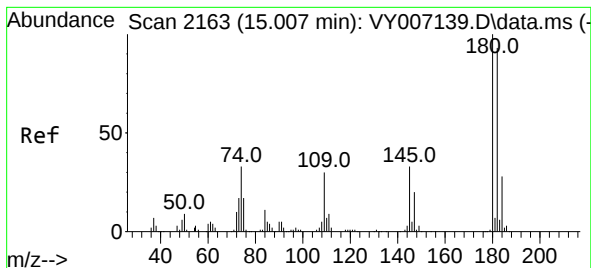
Tgt Ion:146 Resp: 141336  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.4 64.3  
148 63.3 31.1 93.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.986 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY007338.D  
Acq: 31 Jan 2022 13:11

Tgt Ion: 75 Resp: 12061  
Ion Ratio Lower Upper  
75 100  
155 83.4 40.1 120.2  
157 101.2 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 47.977 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

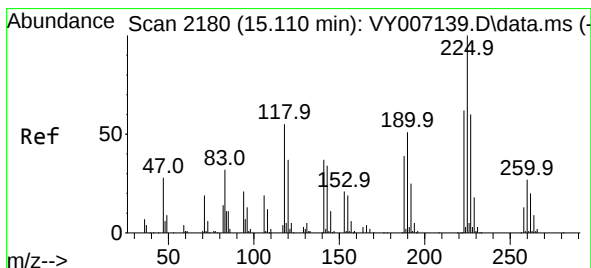
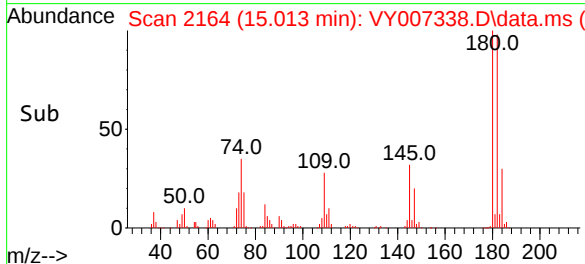
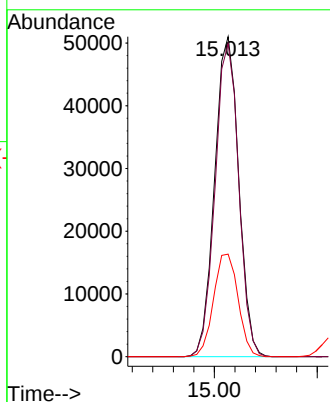
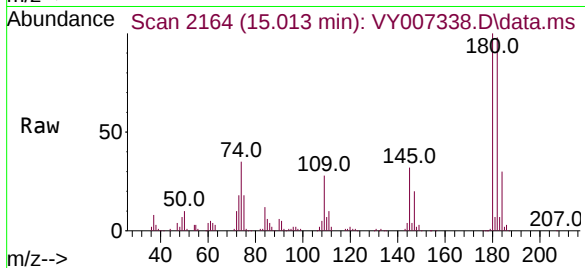
Tgt Ion:180 Resp: 82743

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 32.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.298 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

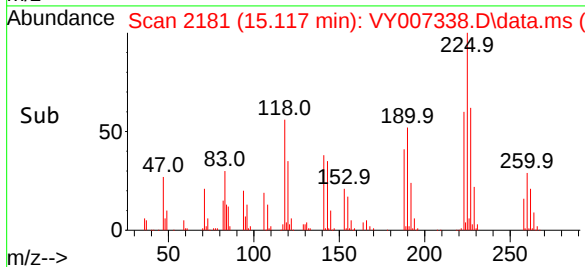
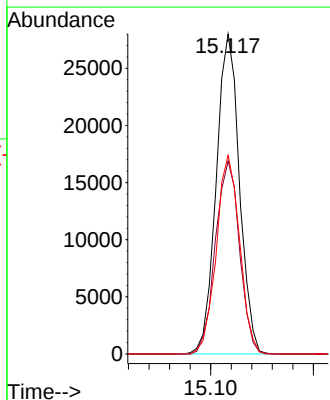
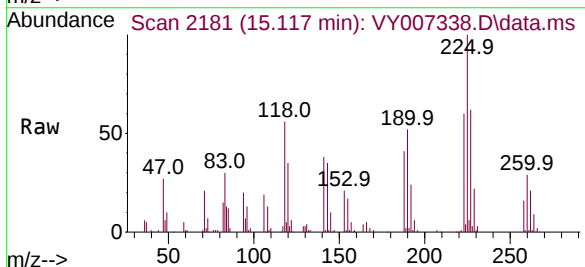
Tgt Ion:225 Resp: 43818

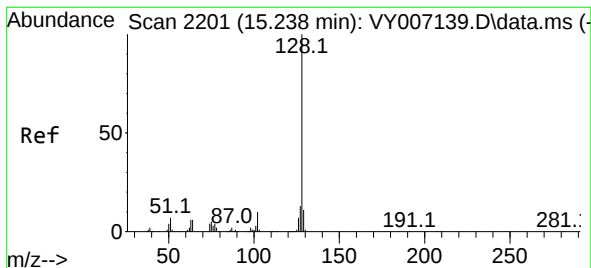
Ion Ratio Lower Upper

225 100

223 62.5 32.6 97.8

227 62.3 32.0 96.2





#95

Naphthalene

Concen: 48.783 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

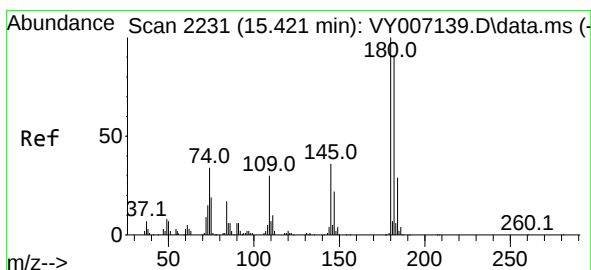
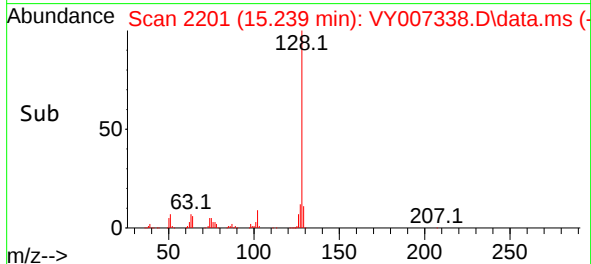
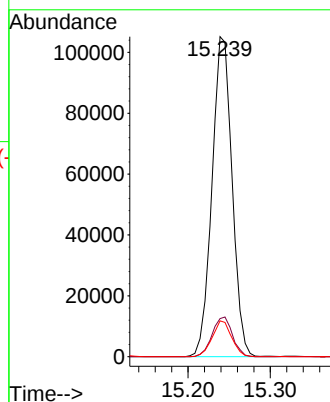
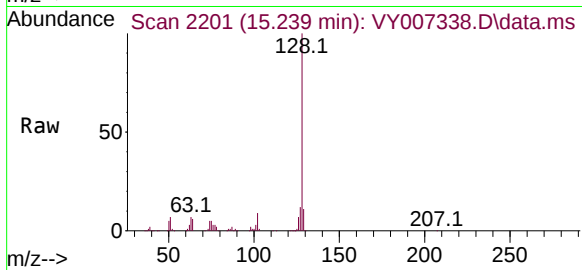
Tgt Ion:128 Resp: 178691

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.375 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007338.D

Acq: 31 Jan 2022 13:11

Tgt Ion:180 Resp: 69705

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.8

145 34.3 17.2 51.5

