

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032122\  
 Data File : VY007970.D  
 Acq On : 21 Mar 2022 22:23  
 Operator : SY/MD  
 Sample : VY0321SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0321SBS02

Quant Time: Mar 22 03:42:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 208512   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 379908   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 341142   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 159532   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 124830   | 52.506   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.020% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 124496   | 46.661   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 93.320%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 419065   | 52.307   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.620% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 162271   | 42.378   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 84.760%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 32826  | 21.442  | ug/l   | 96  |
| 3) Chloromethane             | 2.113 | 50  | 50547  | 27.412  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.247 | 62  | 63433  | 28.426  | ug/l   | 99  |
| 5) Bromomethane              | 2.637 | 94  | 51385  | 35.014  | ug/l   | 99  |
| 6) Chloroethane              | 2.784 | 64  | 44406  | 26.042  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 85230  | 22.294  | ug/l # | 83  |
| 8) Diethyl Ether             | 3.521 | 74  | 32606  | 22.981  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 55574  | 22.506  | ug/l   | 89  |
| 10) Methyl Iodide            | 4.088 | 142 | 45108  | 19.762  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 34095  | 123.102 | ug/l # | 93  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 49705  | 21.953  | ug/l   | 87  |
| 13) Acrolein                 | 3.729 | 56  | 19801  | 118.699 | ug/l   | 98  |
| 14) Allyl chloride           | 4.472 | 41  | 86380  | 22.682  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.161 | 53  | 91961  | 121.619 | ug/l   | 97  |
| 16) Acetone                  | 3.942 | 43  | 65738  | 104.231 | ug/l # | 89  |
| 17) Carbon Disulfide         | 4.186 | 76  | 120816 | 25.322  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 46537  | 28.519  | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 166553 | 23.451  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.710 | 84  | 70335  | 26.585  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 57029  | 22.499  | ug/l   | 86  |
| 22) Diisopropyl ether        | 6.118 | 45  | 196329 | 23.963  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.058 | 43  | 620257 | 120.870 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 109908 | 23.816  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 115390 | 114.222 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 90440  | 21.145  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 71272  | 23.426  | ug/l   | 88  |
| 28) Bromochloromethane       | 7.332 | 49  | 42602  | 23.372  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 78669  | 121.534 | ug/l   | 89  |
| 30) Chloroform               | 7.502 | 83  | 113854 | 23.869  | ug/l   | 98  |
| 31) Cyclohexane              | 7.777 | 56  | 96874  | 25.689  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 98950  | 23.032  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 81906  | 20.698  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.070 | 43  | 51684  | 21.405  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 84903  | 20.078  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 103773 | 21.872  | ug/l   | 90  |
| 40) Benzene                  | 8.155 | 78  | 240831 | 20.826  | ug/l   | 97  |

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 Sample : VY0321SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0321SBS02

Quant Time: Mar 22 03:42:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 72237    | 48.510  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 74083    | 22.126  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 100086   | 21.500  | ug/l # | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 62991    | 19.699  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 63297    | 21.139  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 38015    | 21.702  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.496  | 83   | 90633    | 21.418  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.289  | 41   | 42746    | 20.643  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 10872    | 438.253 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 267052   | 108.886 | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 155812   | 20.981  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 91229    | 20.209  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 103221   | 20.504  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 53510    | 21.027  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 74890    | 20.499  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 90639    | 21.358  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 182526   | 101.843 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 182033   | 103.789 | ug/l   | 87       |
| 60) Dibromochloromethane      | 10.983 | 129  | 60280    | 19.777  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 50717    | 20.600  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 50571    | 19.050  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.514 | 112  | 167011   | 20.437  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 61879    | 20.111  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 303165   | 20.826  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 231082   | 40.695  | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 112338   | 20.452  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 190307   | 20.608  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 35256    | 17.890  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 300114   | 21.372  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 88480    | 21.357  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 66766    | 22.088  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 83593    | 36.762  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 63888    | 19.910  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.672 | 91   | 362363   | 21.370  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 203319   | 21.312  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 244223   | 21.149  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 21431    | 19.796  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 210313   | 21.221  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 216847   | 20.984  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 239804   | 21.184  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 328634   | 21.220  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 260488   | 20.718  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 128481   | 20.501  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 130631   | 20.797  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 255811   | 21.201  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 51094    | 20.360  | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 117580   | 20.858  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 10861    | 20.886  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 63972    | 17.952  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 32667    | 17.183  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 158471   | 19.932  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 57509    | 18.298  | ug/l   | 98       |

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Sample : VY0321SBS02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 33 Sample Multiplier: 1

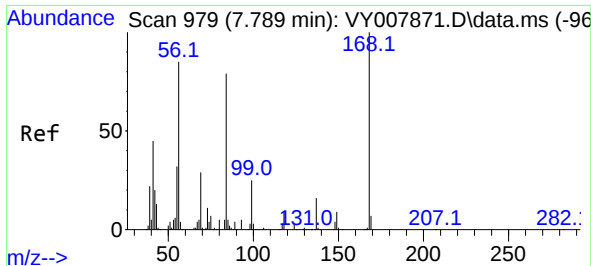
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

Quant Time: Mar 22 03:42:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 17 13:55:34 2022  
Response via : Initial Calibration

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

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

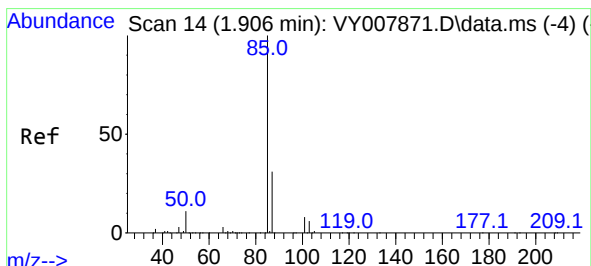
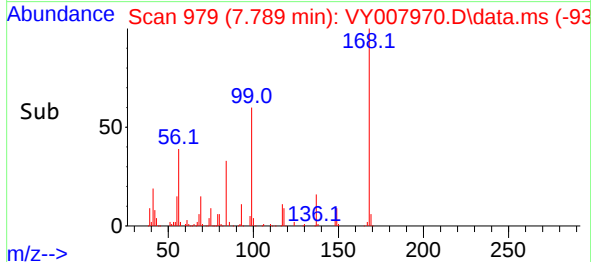
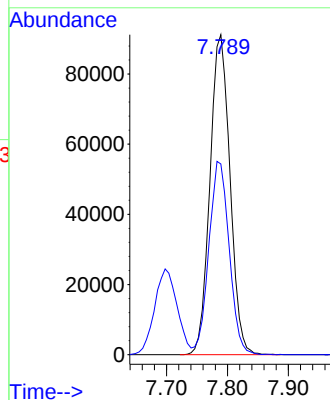
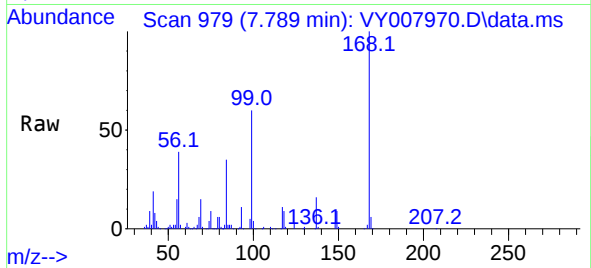




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

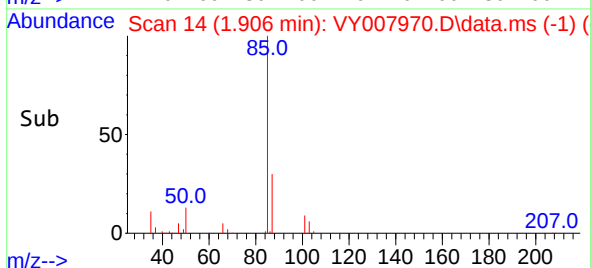
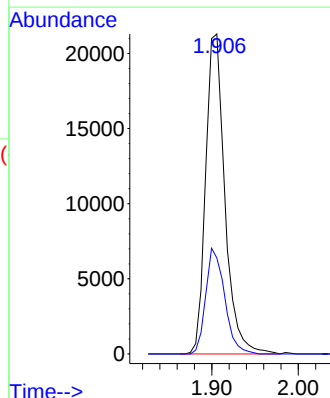
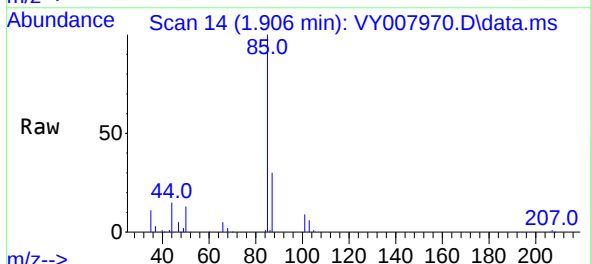
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

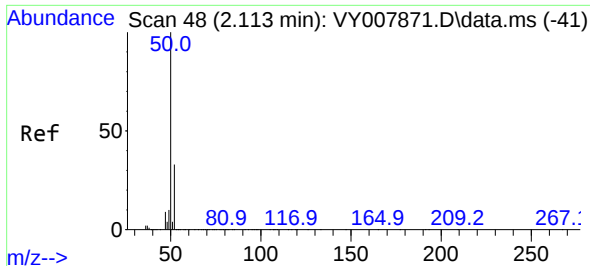
Tgt Ion:168 Resp: 208512  
Ion Ratio Lower Upper  
168 100  
99 59.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 21.442 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 85 Resp: 32826  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.1 48.2

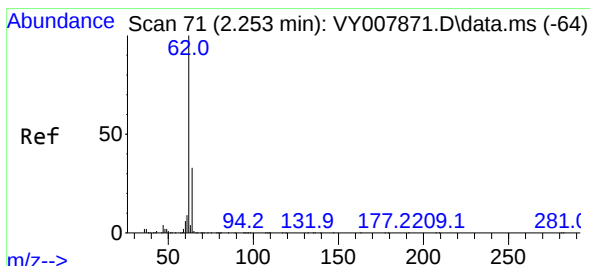
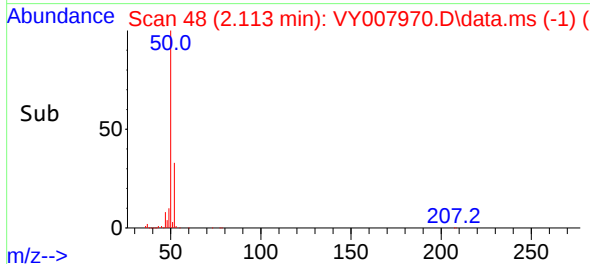
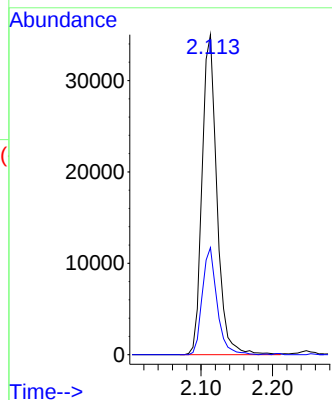
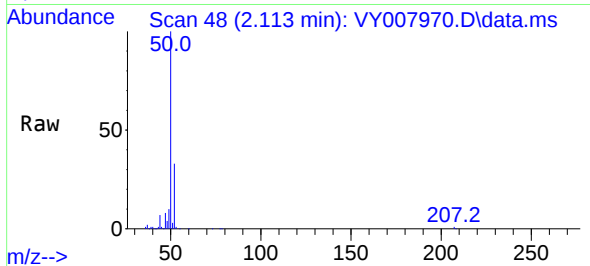




#3  
Chloromethane  
Concen: 27.412 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

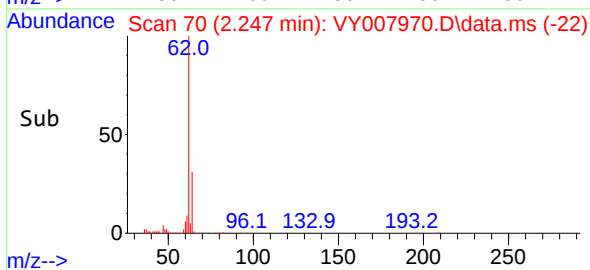
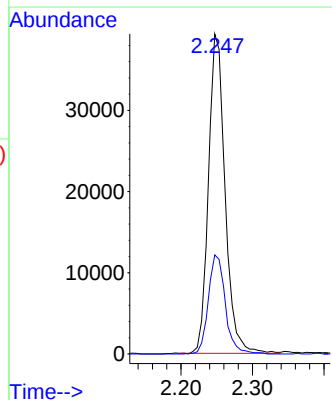
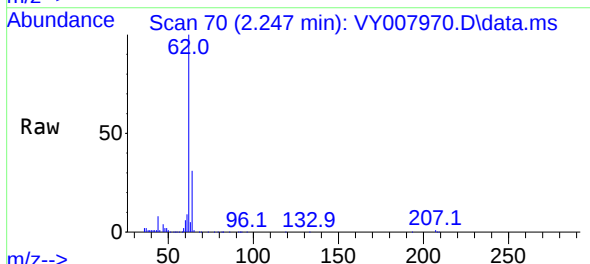
Instrument :  
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ClientSampleId :  
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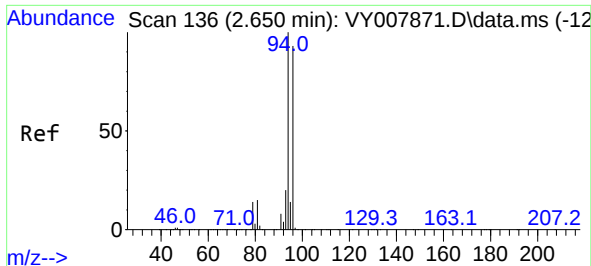
Tgt Ion: 50 Resp: 50547  
Ion Ratio Lower Upper  
50 100  
52 33.5 24.6 37.0



#4  
Vinyl Chloride  
Concen: 28.426 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 62 Resp: 63433  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.0 37.6

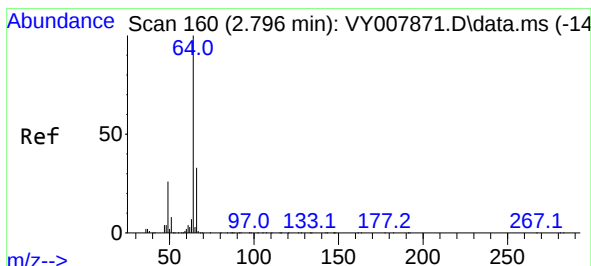
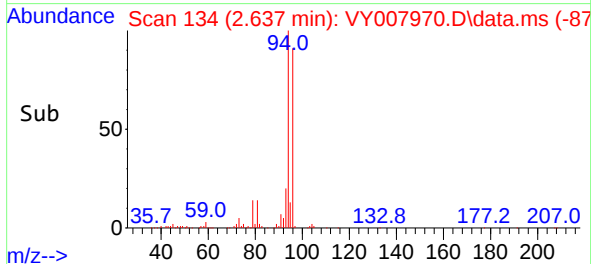
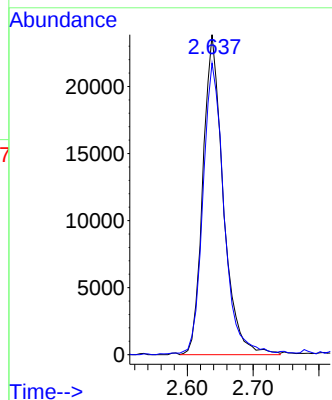
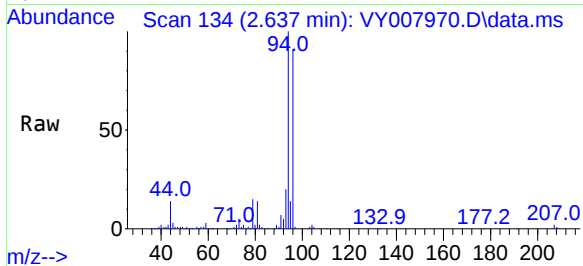




#5  
Bromomethane  
Concen: 35.014 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

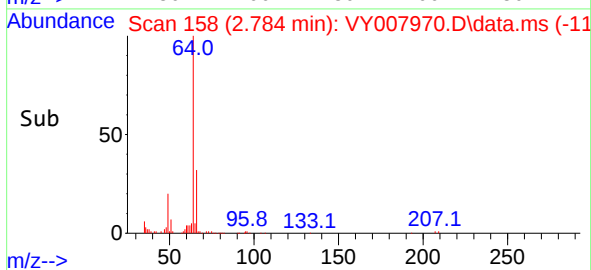
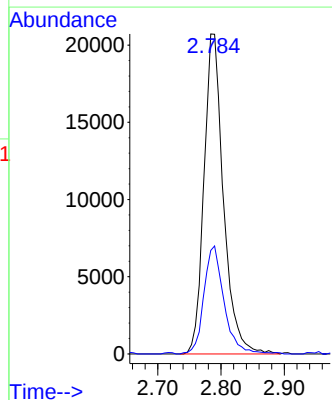
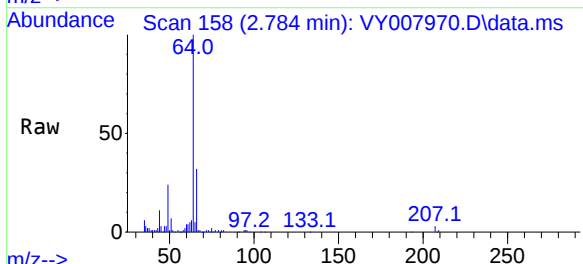
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

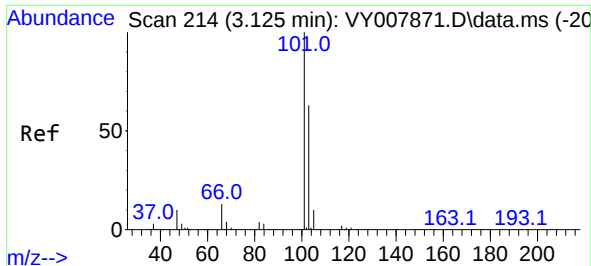
Tgt Ion: 94 Resp: 51385  
Ion Ratio Lower Upper  
94 100  
96 90.6 73.5 110.3



#6  
Chloroethane  
Concen: 26.042 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.012 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 64 Resp: 44406  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.4 38.0

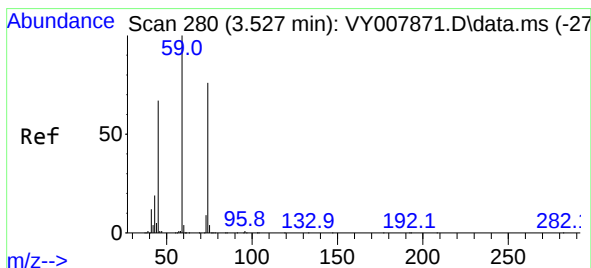
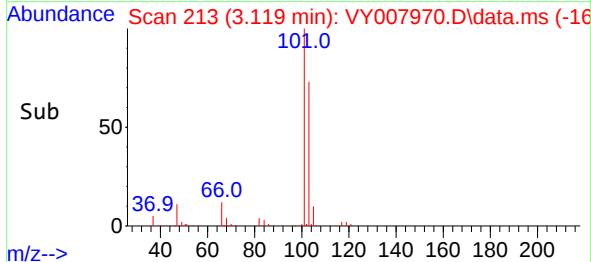
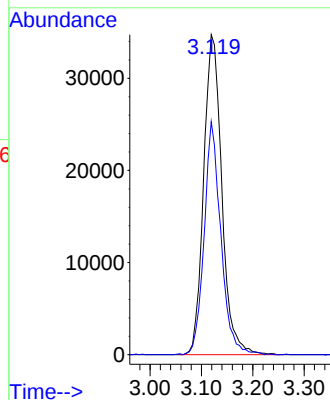
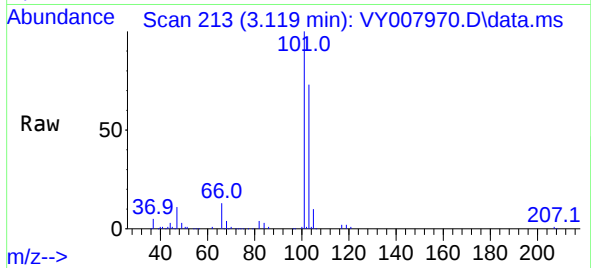




#7  
Trichlorofluoromethane  
Concen: 22.294 ug/l  
RT: 3.119 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

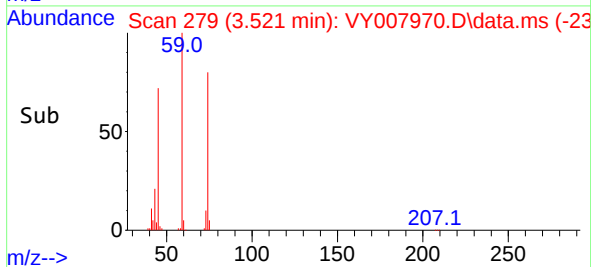
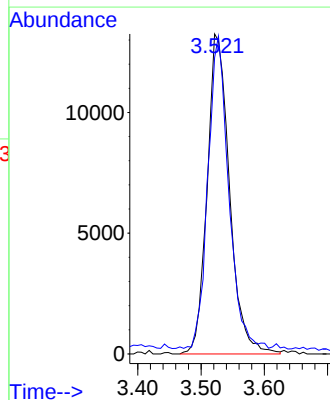
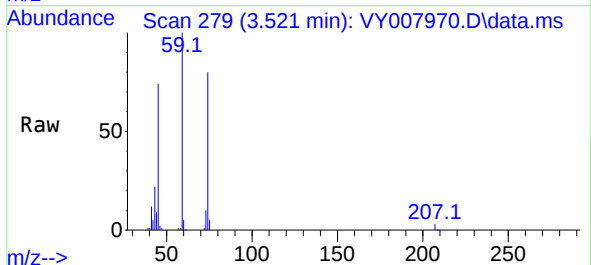
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

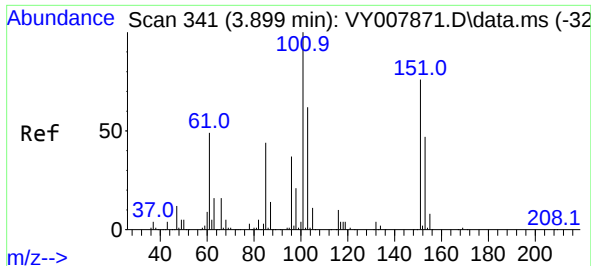
Tgt Ion:101 Resp: 85230  
Ion Ratio Lower Upper  
101 100  
103 72.8 48.0 72.0#



#8  
Diethyl Ether  
Concen: 22.981 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 74 Resp: 32606  
Ion Ratio Lower Upper  
74 100  
45 90.1 55.1 165.5

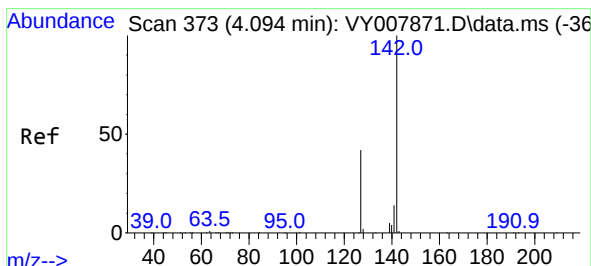
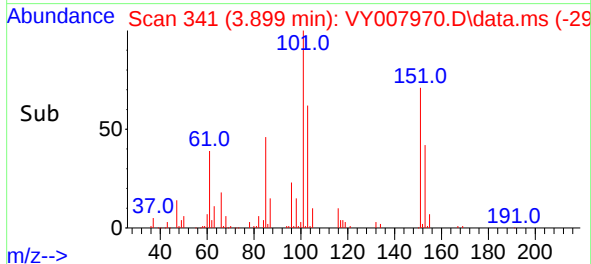
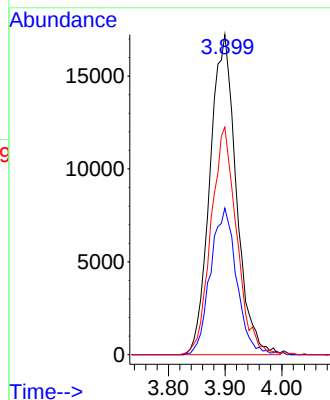
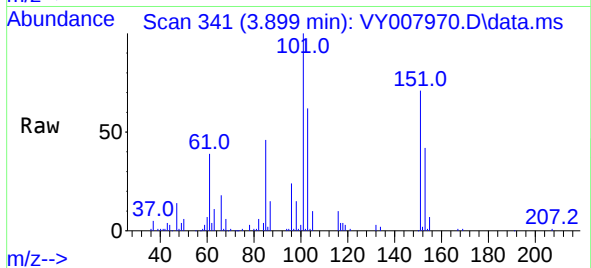




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.506 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

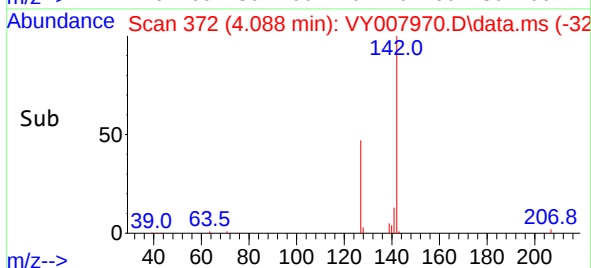
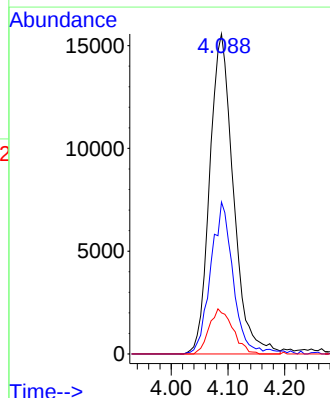
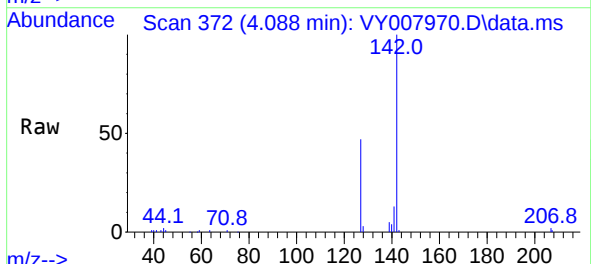
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

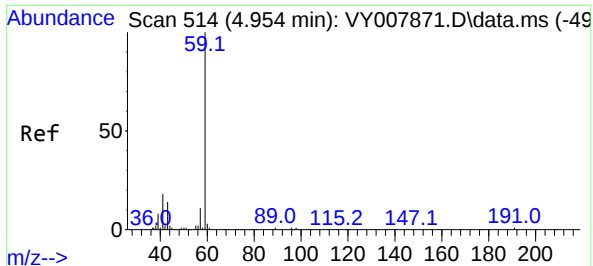
Tgt Ion:101 Resp: 55574  
Ion Ratio Lower Upper  
101 100  
85 45.4 40.6 60.8  
151 69.6 64.9 97.3



#10  
Methyl Iodide  
Concen: 19.762 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:142 Resp: 45108  
Ion Ratio Lower Upper  
142 100  
127 44.4 41.5 62.3  
141 14.0 11.9 17.9

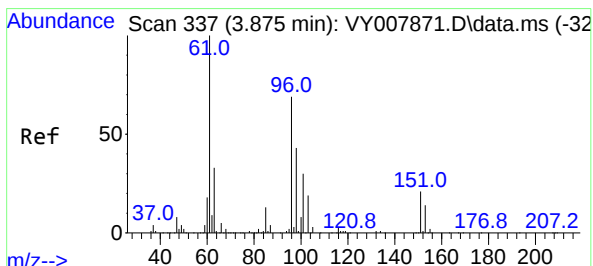
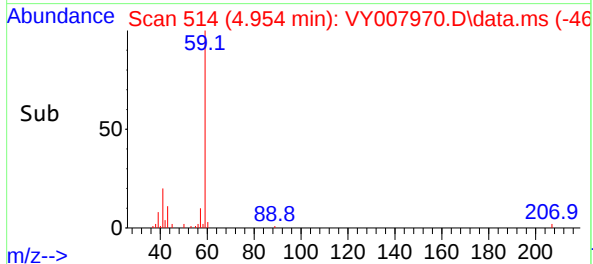
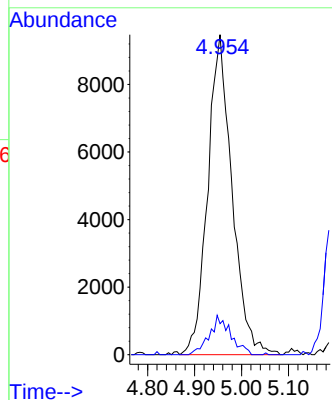
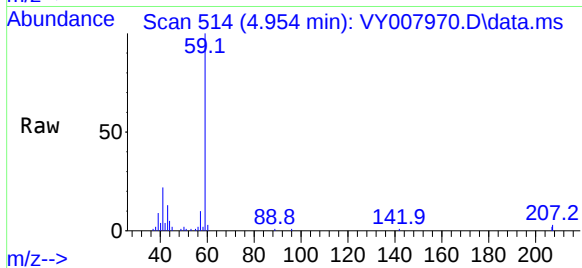




#11  
Tert butyl alcohol  
Concen: 123.102 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

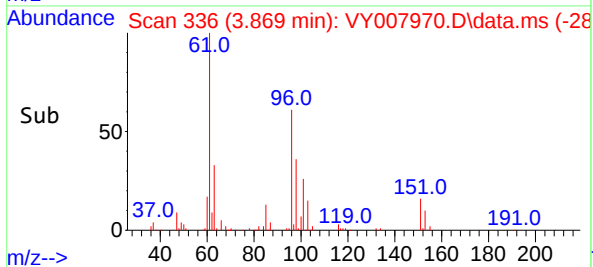
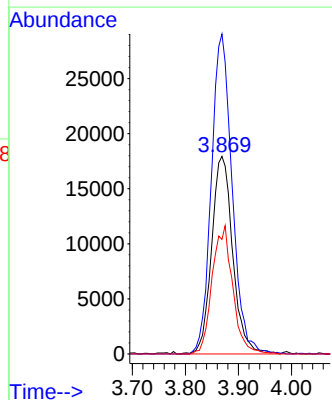
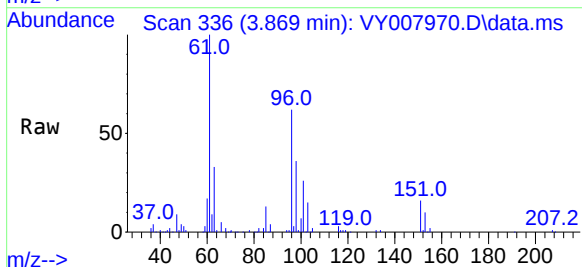
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

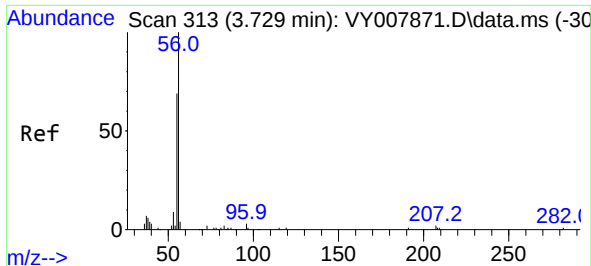
Tgt Ion: 59 Resp: 34095  
Ion Ratio Lower Upper  
59 100  
57 10.6 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 21.953 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 96 Resp: 49705  
Ion Ratio Lower Upper  
96 100  
61 162.0 145.8 218.6  
98 58.0 52.5 78.7

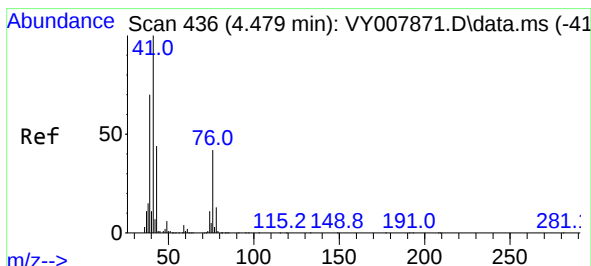
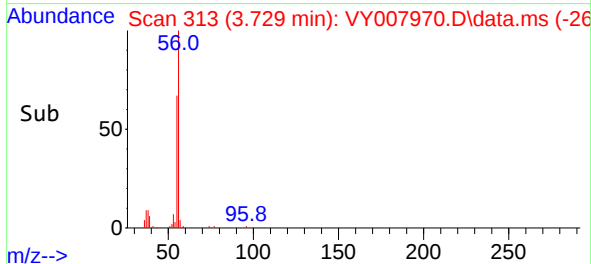
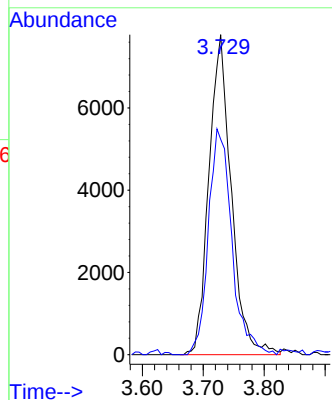
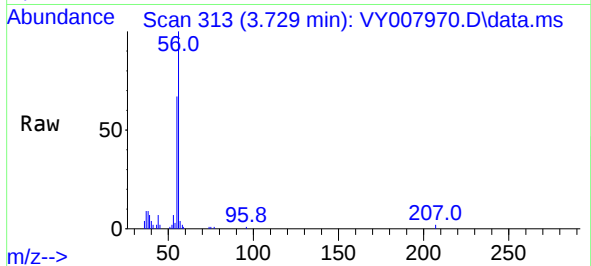




#13  
Acrolein  
Concen: 118.699 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

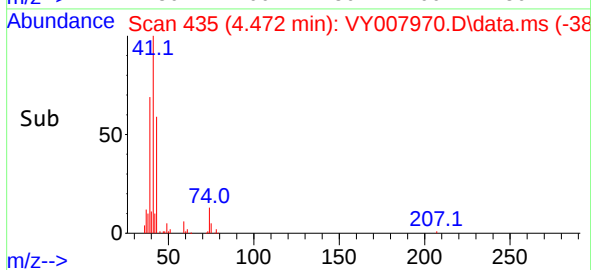
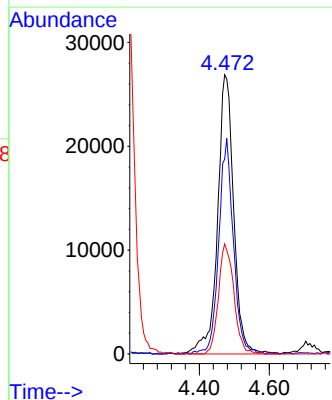
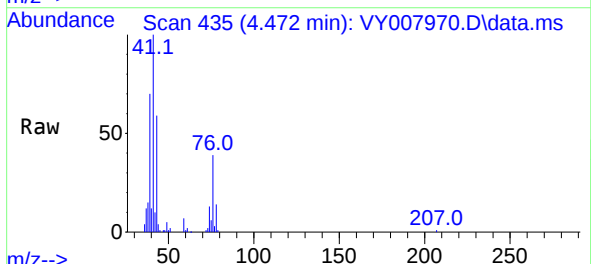
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

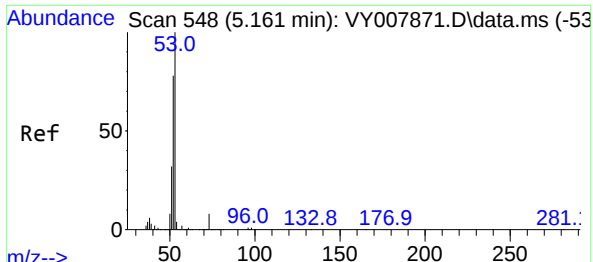
Tgt Ion: 56 Resp: 19801  
Ion Ratio Lower Upper  
56 100  
55 74.0 57.6 86.4



#14  
Allyl chloride  
Concen: 22.682 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 41 Resp: 86380  
Ion Ratio Lower Upper  
41 100  
39 69.7 58.8 88.2  
76 37.5 25.1 37.7



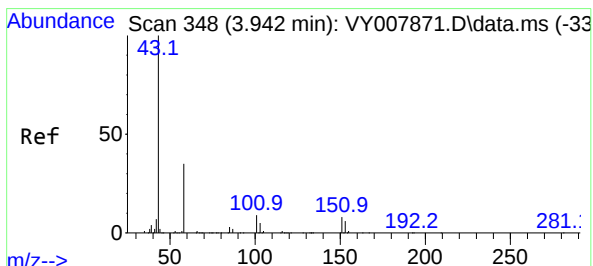
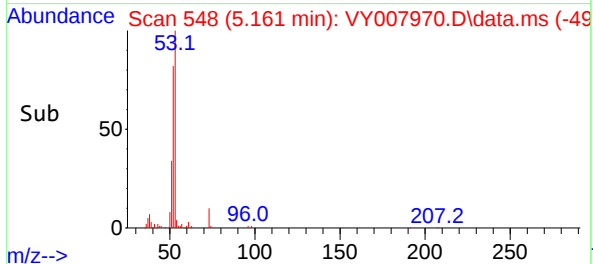
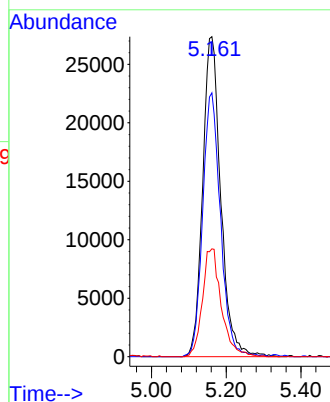
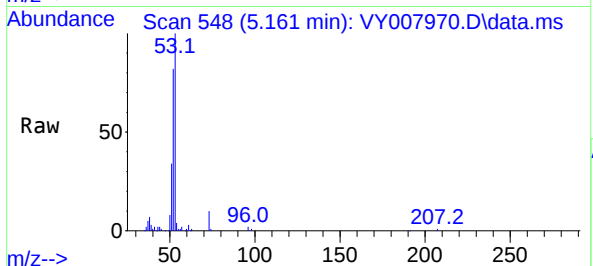


#15  
Acrylonitrile  
Concen: 121.619 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

Tgt Ion: 53 Resp: 91961

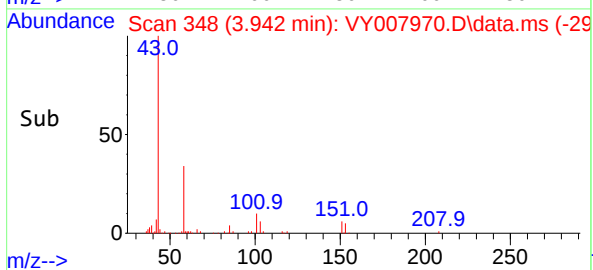
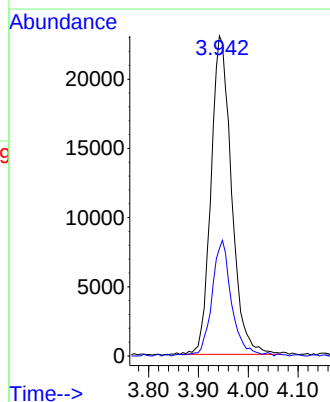
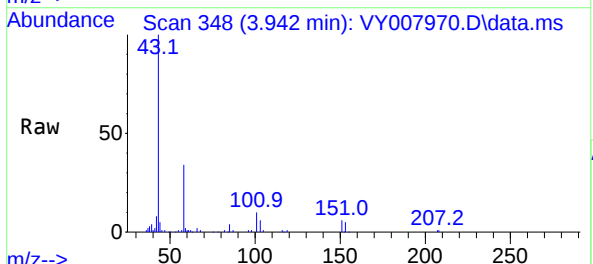
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.0  | 67.0  | 100.4 |
| 51  | 35.3  | 29.8  | 44.6  |

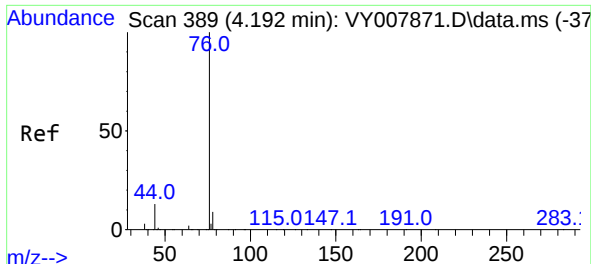


#16  
Acetone  
Concen: 104.231 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 43 Resp: 65738

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.3  | 22.0  | 33.0# |

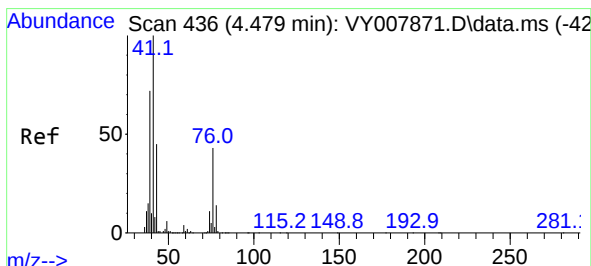
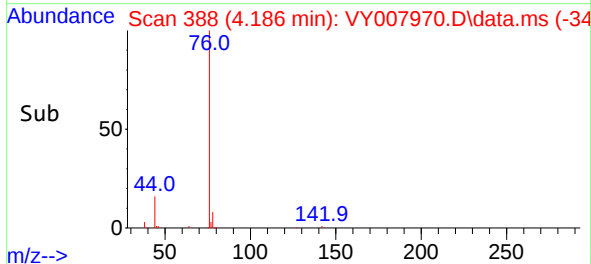
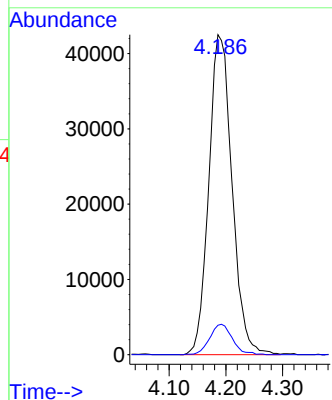
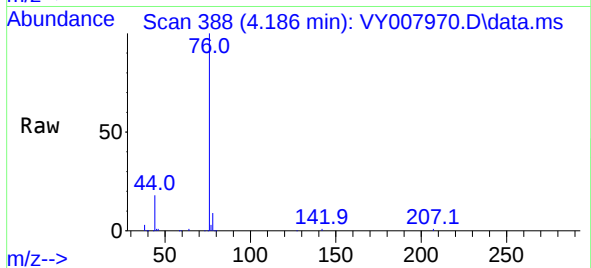




#17  
Carbon Disulfide  
Concen: 25.322 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

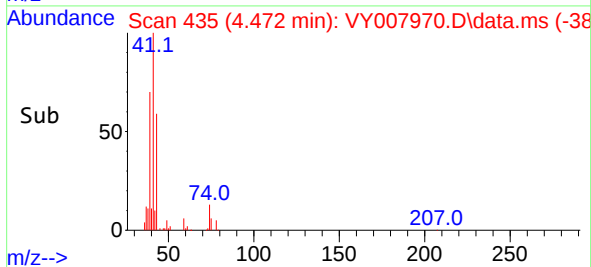
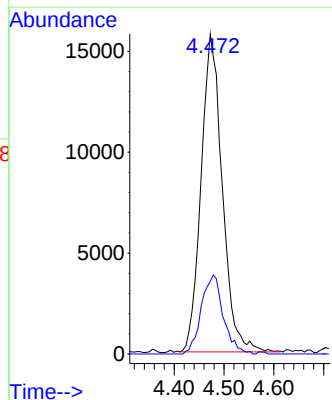
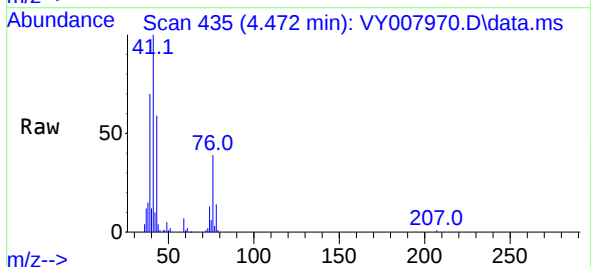
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

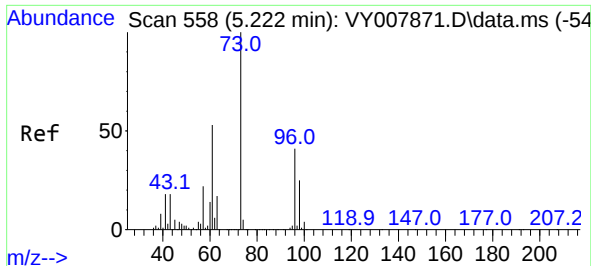
Tgt Ion: 76 Resp: 120816  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 28.519 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 43 Resp: 46537  
Ion Ratio Lower Upper  
43 100  
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 23.451 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

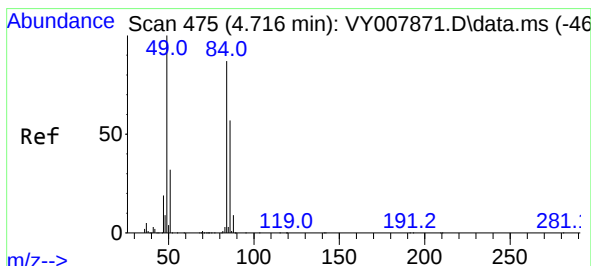
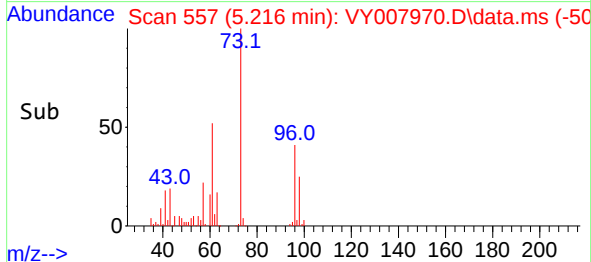
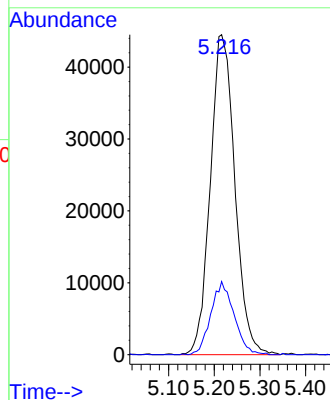
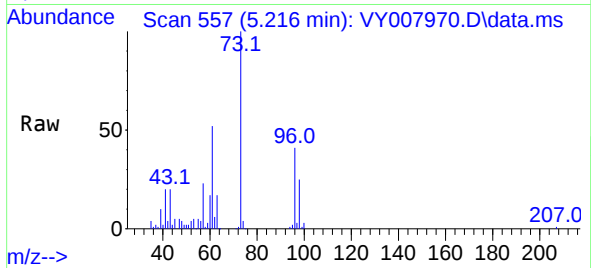
VY0321SBS02

Tgt Ion: 73 Resp: 166553

Ion Ratio Lower Upper

73 100

57 22.8 18.6 27.8



#20

Methylene Chloride

Concen: 26.585 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Tgt Ion: 84 Resp: 70335

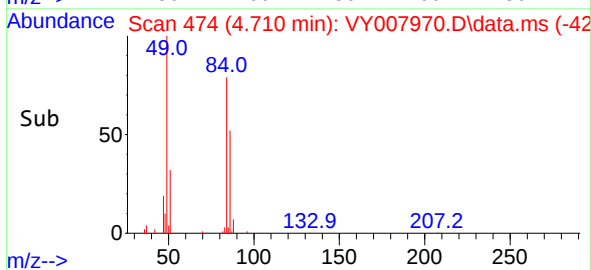
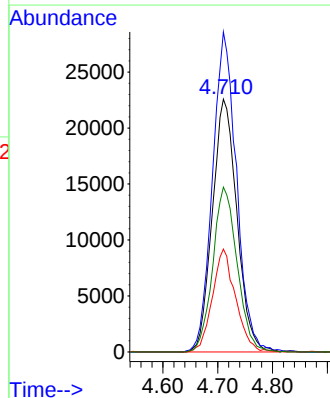
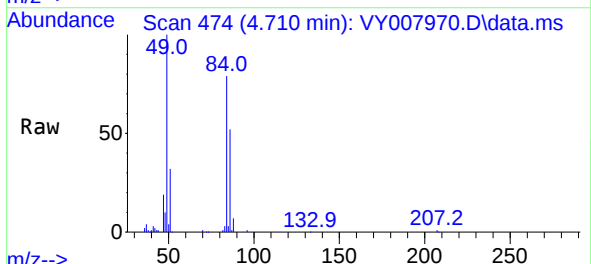
Ion Ratio Lower Upper

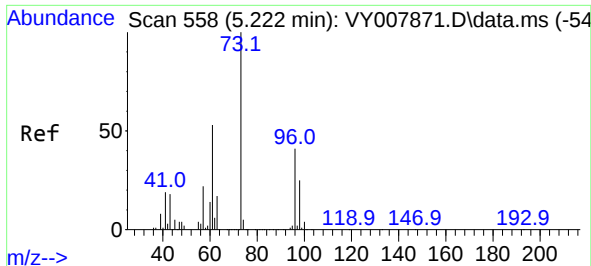
84 100

49 126.6 114.4 171.6

51 40.7 35.3 52.9

86 65.2 53.7 80.5

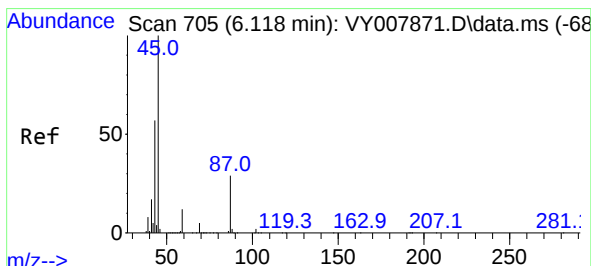
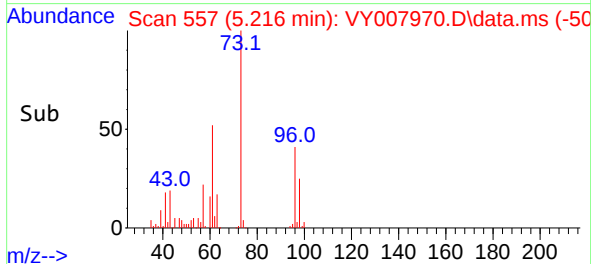
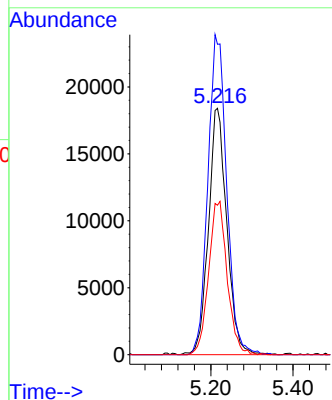
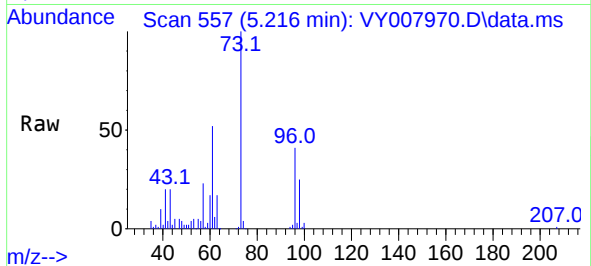




#21  
trans-1,2-Dichloroethene  
Concen: 22.499 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

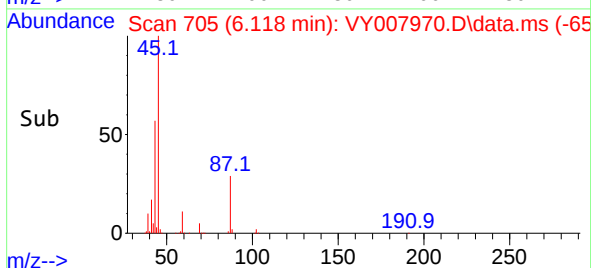
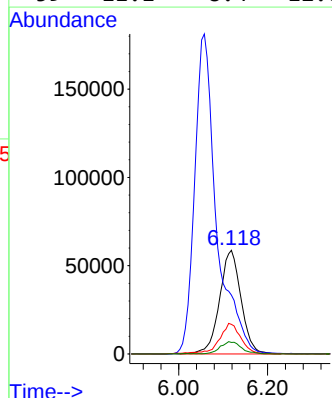
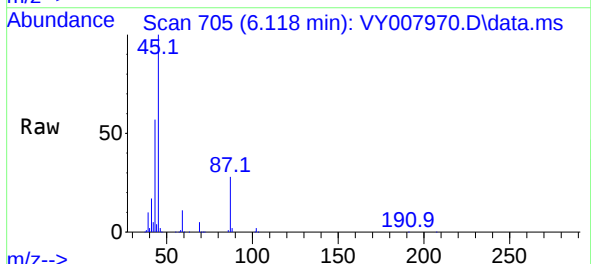
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

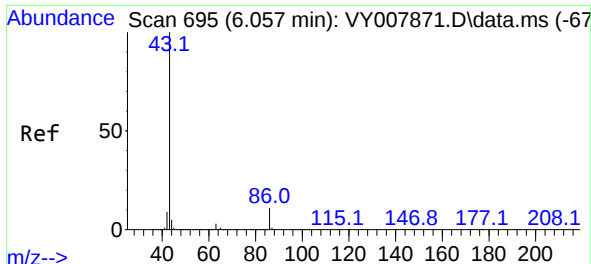
Tgt Ion: 96 Resp: 57029  
Ion Ratio Lower Upper  
96 100  
61 126.0 120.5 180.7  
98 60.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 23.963 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 45 Resp: 196329  
Ion Ratio Lower Upper  
45 100  
43 56.2 49.3 73.9  
87 28.4 19.2 28.8  
59 11.1 8.4 12.6

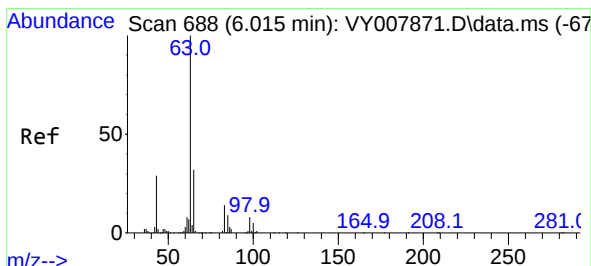
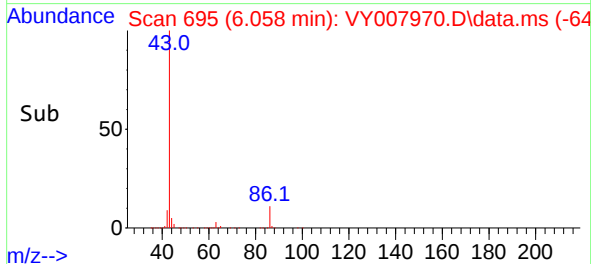
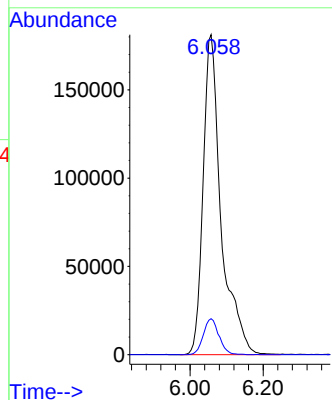
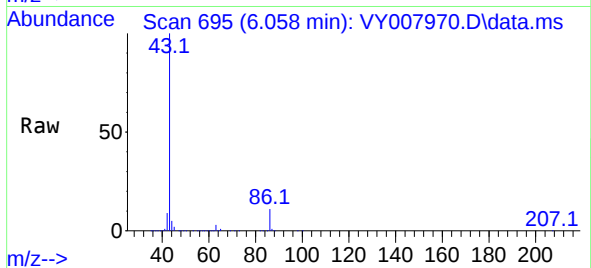




#23  
 Vinyl Acetate  
 Concen: 120.870 ug/l  
 RT: 6.058 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY007970.D  
 Acq: 21 Mar 2022 22:23

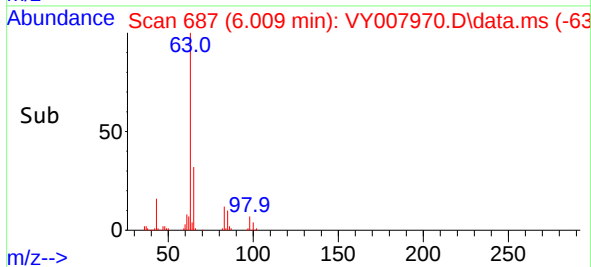
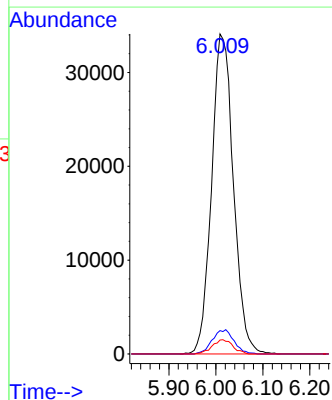
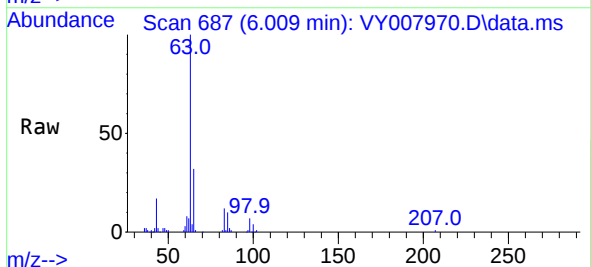
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0321SBS02

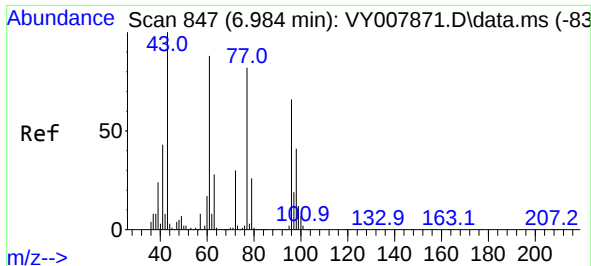
Tgt Ion: 43 Resp: 620257  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 23.816 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY007970.D  
 Acq: 21 Mar 2022 22:23

Tgt Ion: 63 Resp: 109908  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.3 2.0 5.8

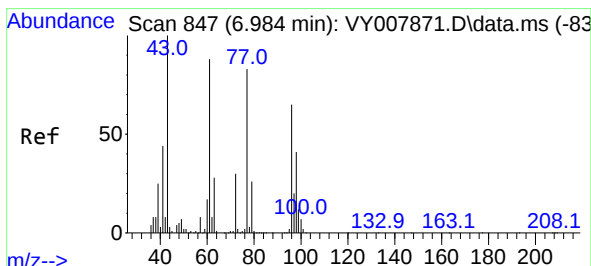
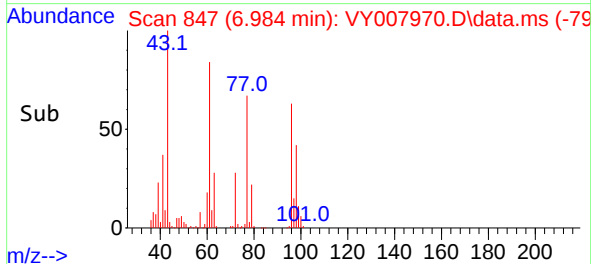
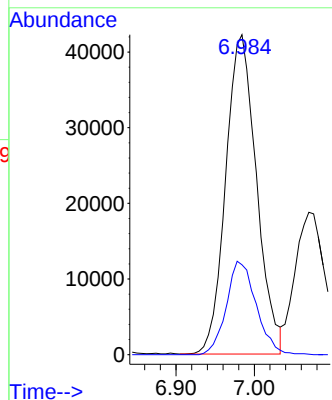
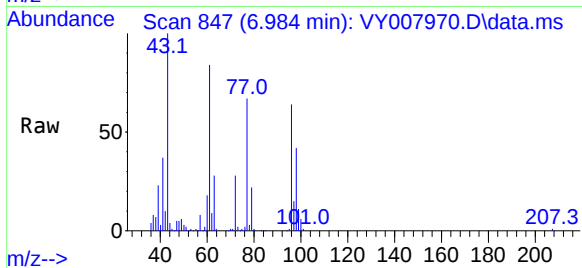




#25  
2-Butanone  
Concen: 114.222 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

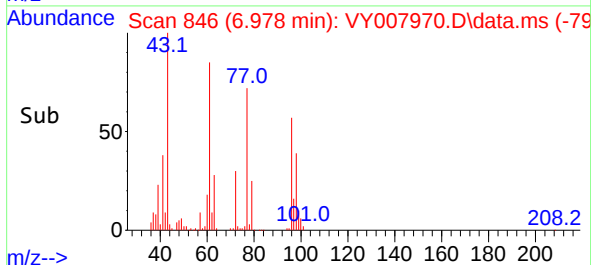
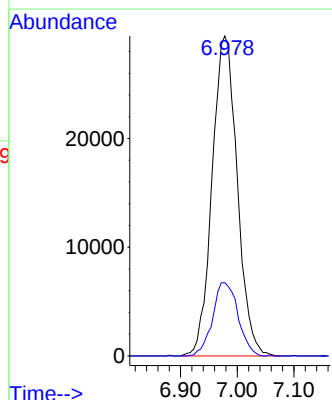
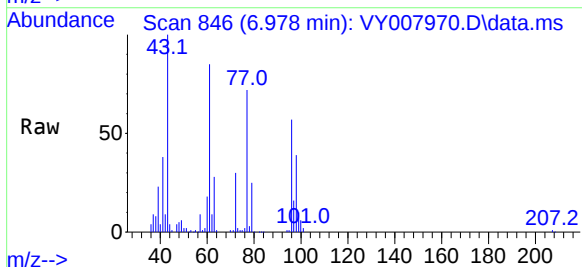
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

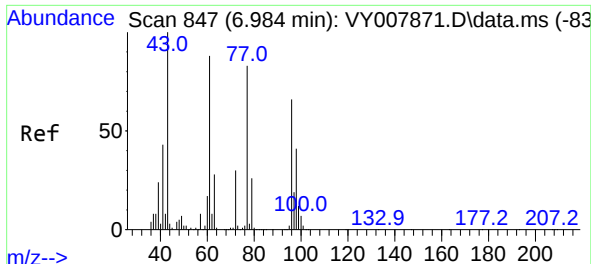
Tgt Ion: 43 Resp: 115390  
Ion Ratio Lower Upper  
43 100  
72 28.2 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 21.145 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 77 Resp: 90440  
Ion Ratio Lower Upper  
77 100  
97 23.2 10.4 31.4

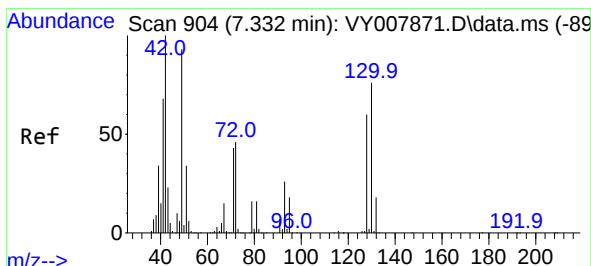
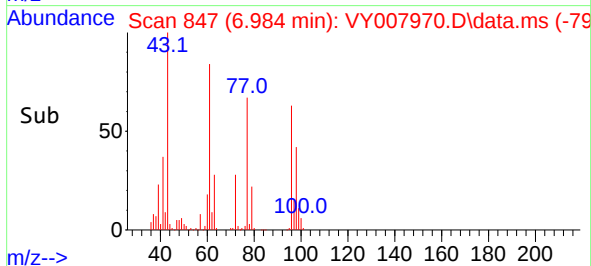
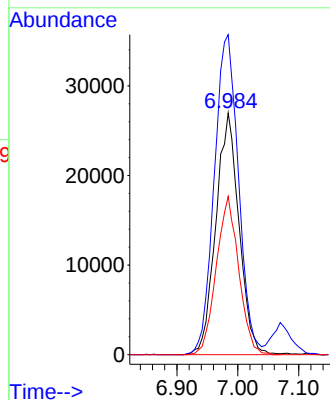
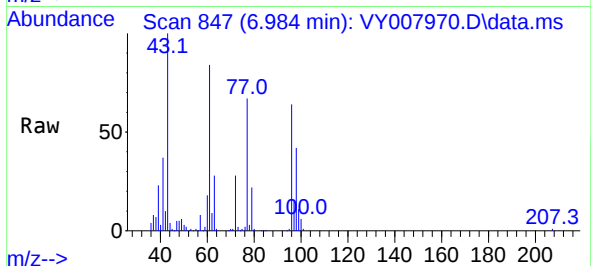




#27  
cis-1,2-Dichloroethene  
Concen: 23.426 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

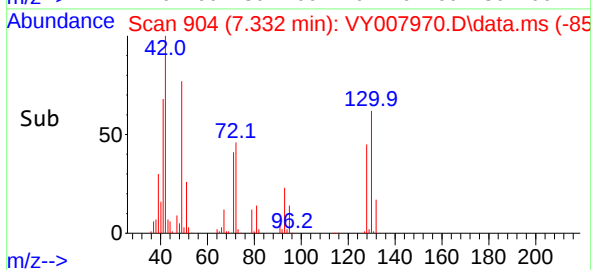
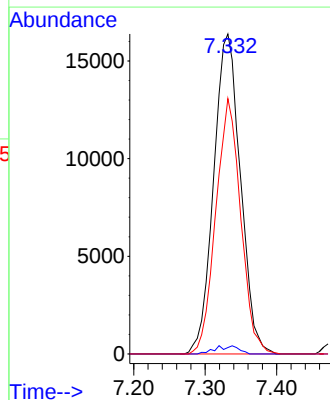
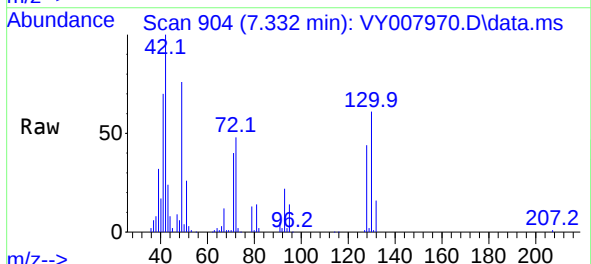
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

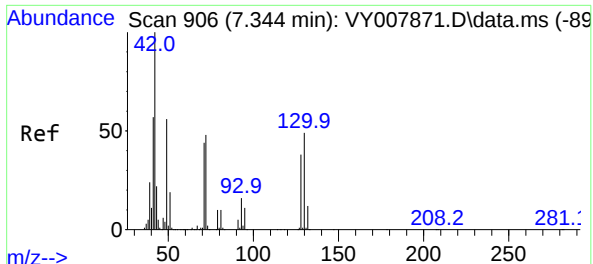
Tgt Ion: 96 Resp: 71272  
Ion Ratio Lower Upper  
96 100  
61 137.9 0.0 319.8  
98 63.5 0.0 127.0



#28  
Bromochloromethane  
Concen: 23.372 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 49 Resp: 42602  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 2.2  
130 74.2 55.4 83.0

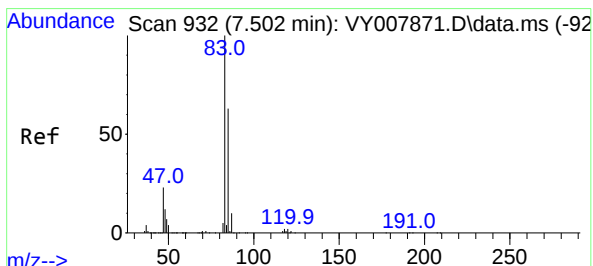
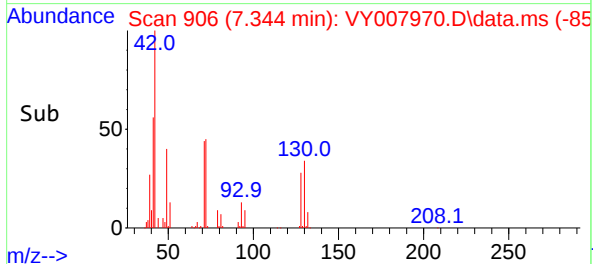
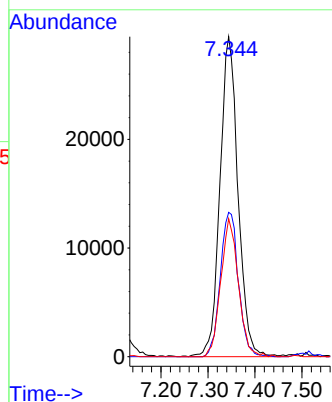
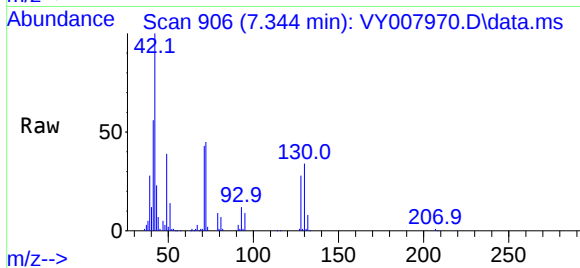




#29  
Tetrahydrofuran  
Concen: 121.534 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

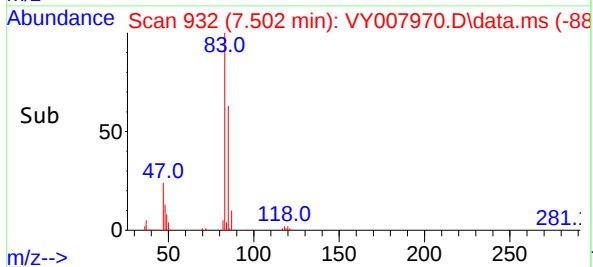
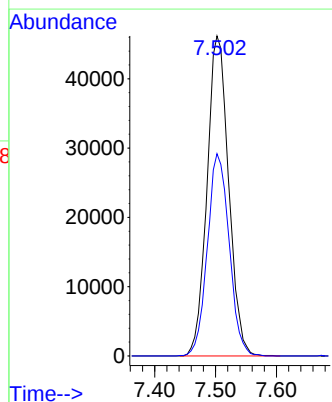
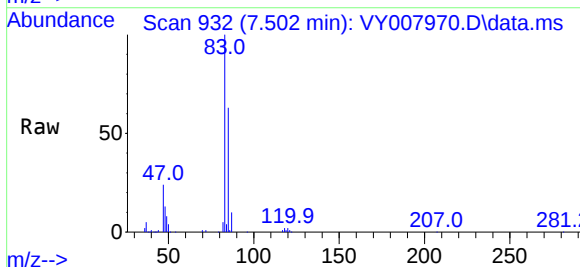
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

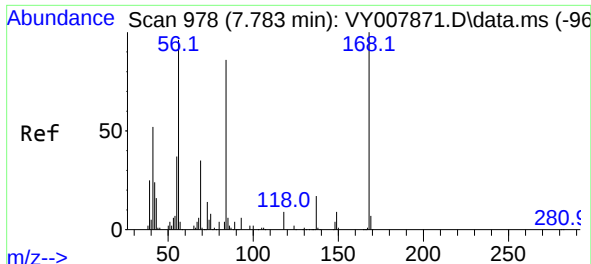
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 78669 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.4  | 30.3  | 45.5  |
| 71       | 42.0  | 29.0  | 43.4  |



#30  
Chloroform  
Concen: 23.869 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 113854 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.2  | 51.8  | 77.6   |





#31

Cyclohexane

Concen: 25.689 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0321SBS02

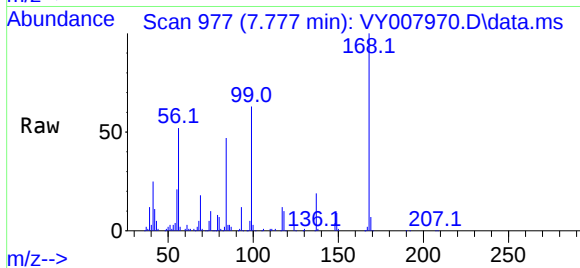
Tgt Ion: 56 Resp: 96874

Ion Ratio Lower Upper

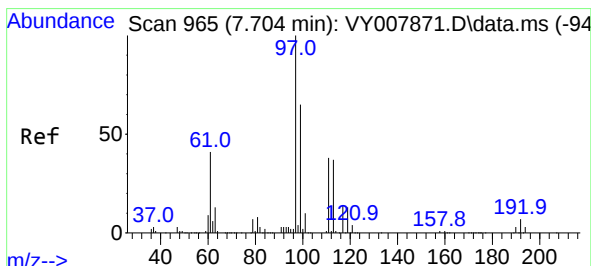
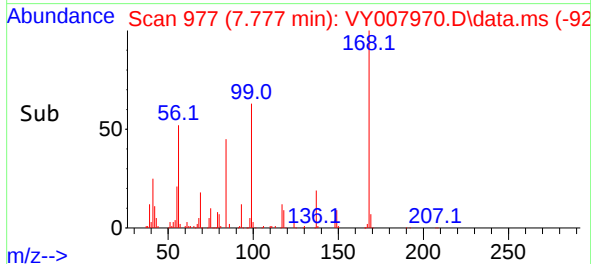
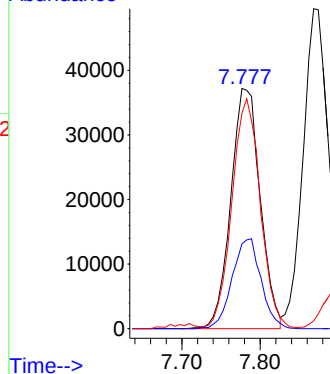
56 100

69 35.3 26.7 40.1

84 87.9 67.2 100.8



Abundance



#32

1,1,1-Trichloroethane

Concen: 23.032 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

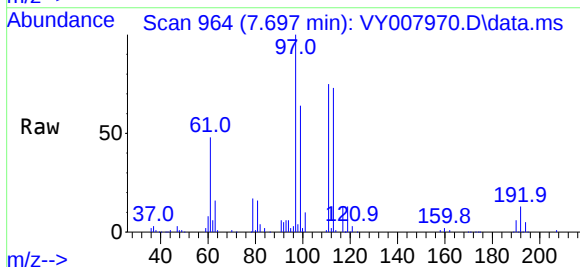
Tgt Ion: 97 Resp: 98950

Ion Ratio Lower Upper

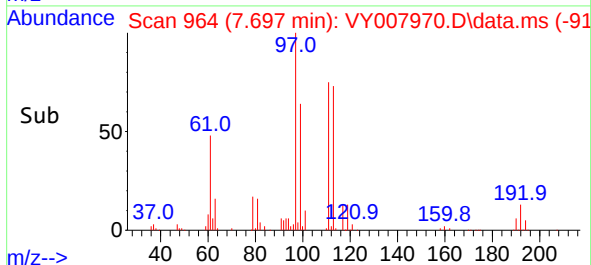
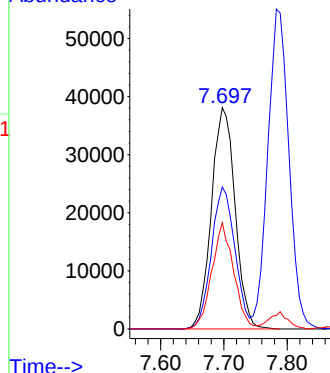
97 100

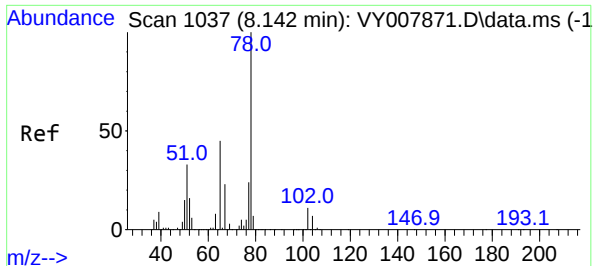
99 63.5 50.7 76.1

61 44.2 37.6 56.4



Abundance





#33

1,2-Dichloroethane-d4

Concen: 52.506 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

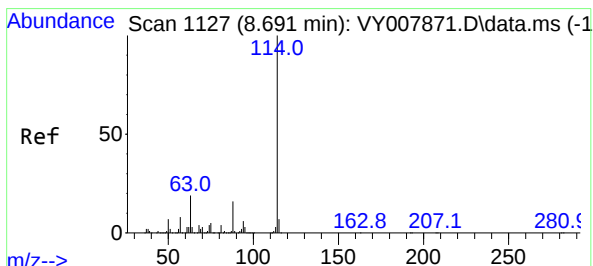
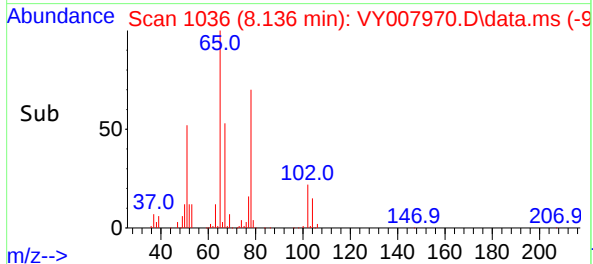
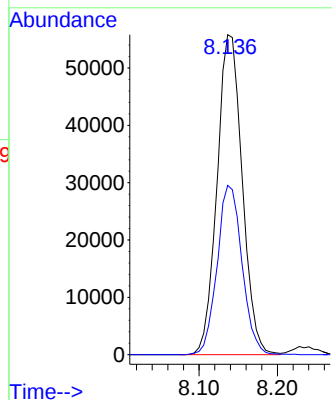
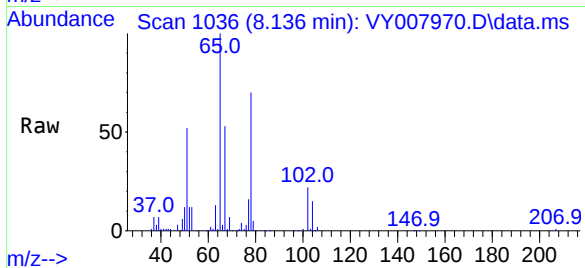
VY0321SBS02

Tgt Ion: 65 Resp: 124830

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

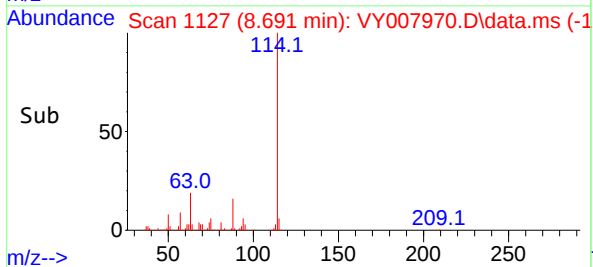
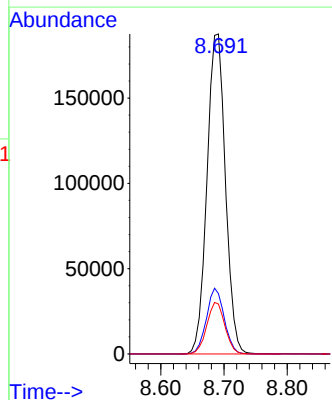
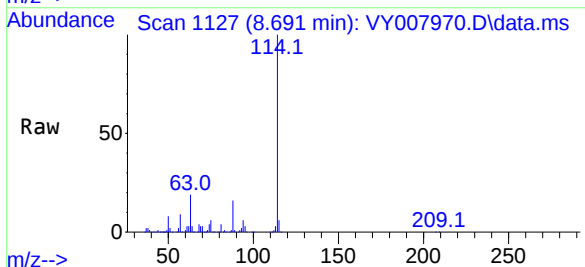
Tgt Ion: 114 Resp: 379908

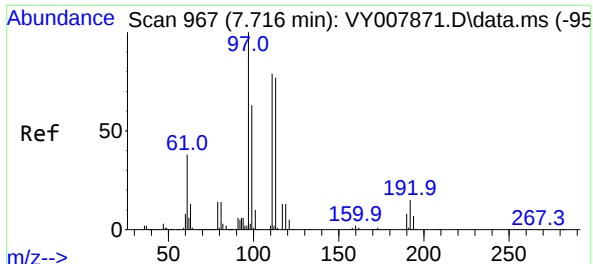
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.6 0.0 31.8

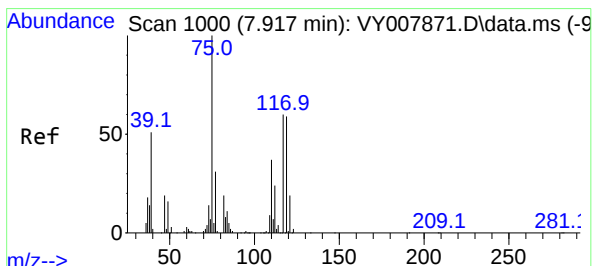
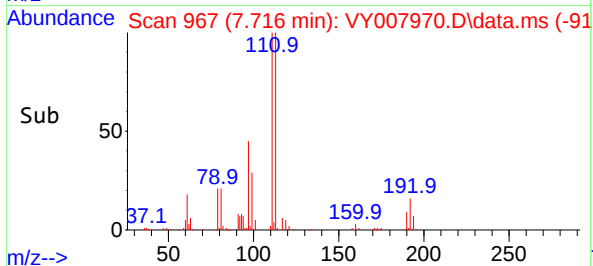
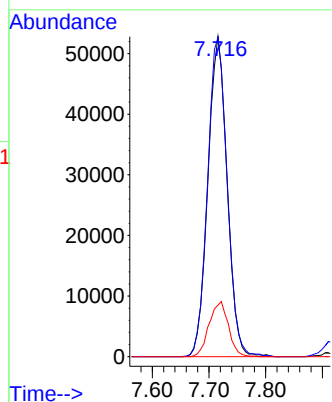
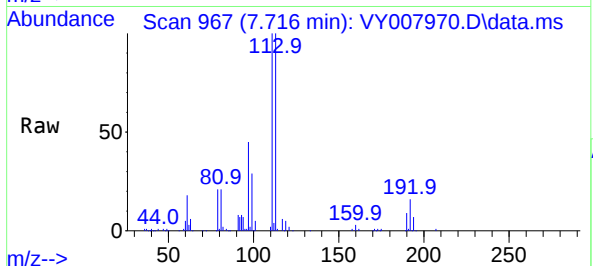




#35  
Dibromofluoromethane  
Concen: 46.661 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

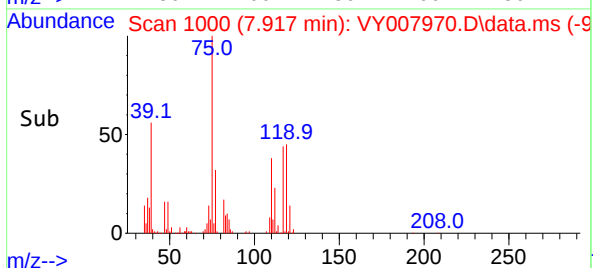
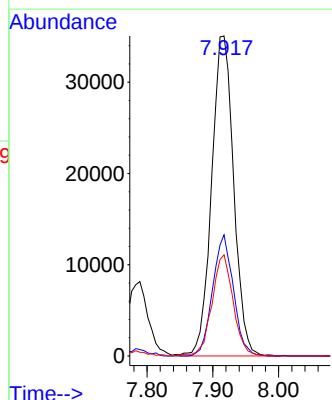
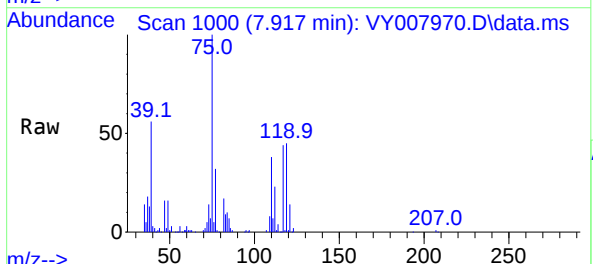
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

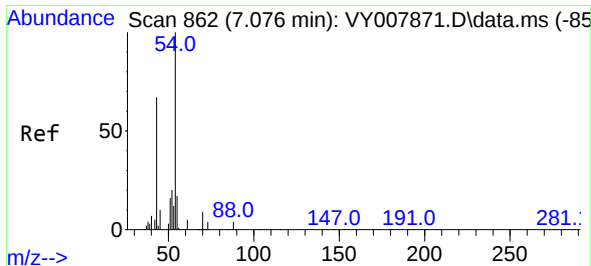
Tgt Ion:113 Resp: 124496  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.6 124.0  
192 17.3 17.6 26.4#



#36  
1,1-Dichloropropene  
Concen: 20.698 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 75 Resp: 81906  
Ion Ratio Lower Upper  
75 100  
110 35.6 17.1 51.2  
77 30.4 24.4 36.6

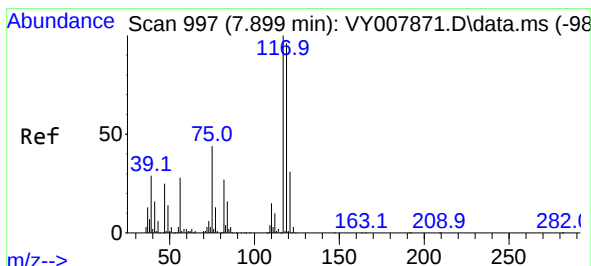
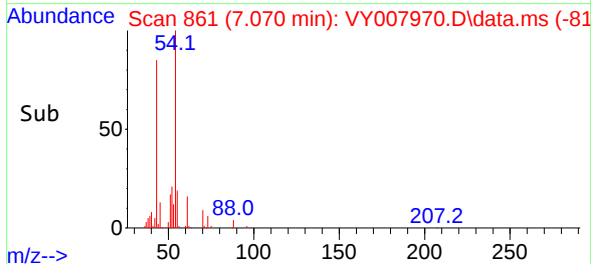
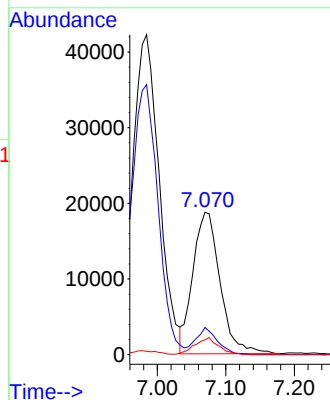
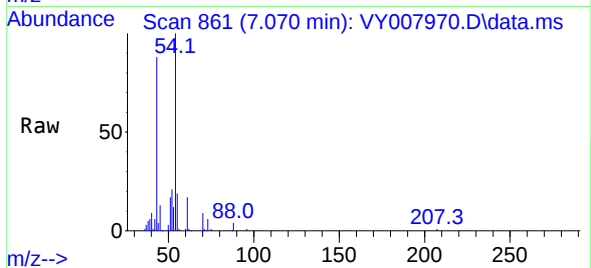




#37  
Ethyl Acetate  
Concen: 21.405 ug/l  
RT: 7.070 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

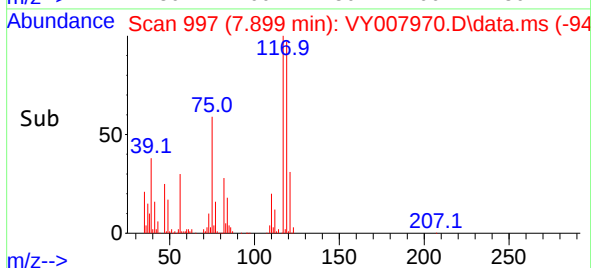
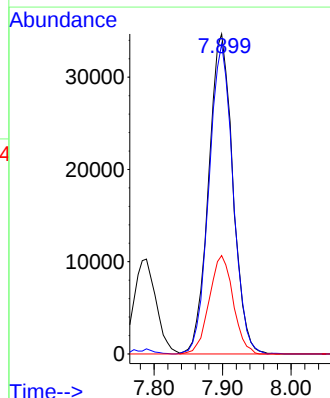
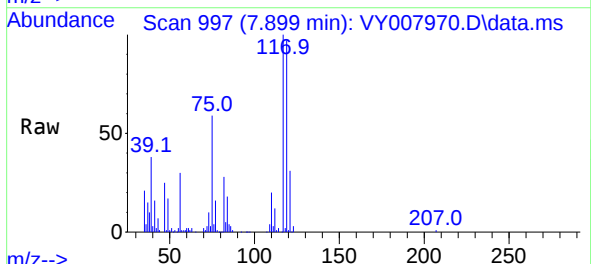
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

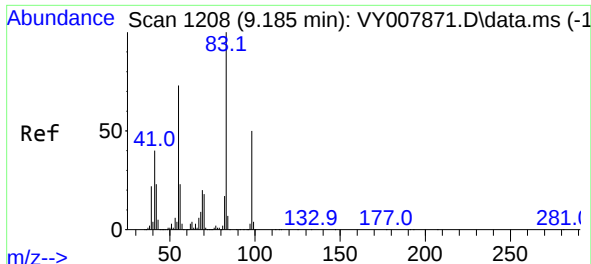
Tgt Ion: 43 Resp: 51684  
Ion Ratio Lower Upper  
43 100  
61 15.4 9.7 14.5#  
70 10.5 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 20.078 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 117 Resp: 84903  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.9 116.9  
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 21.872 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0321SBS02

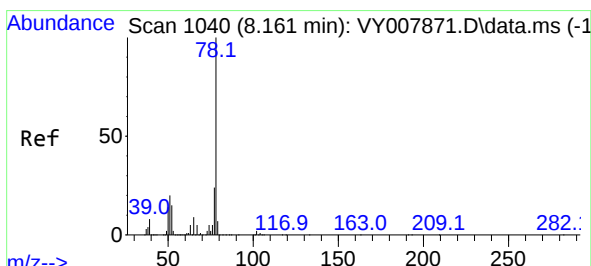
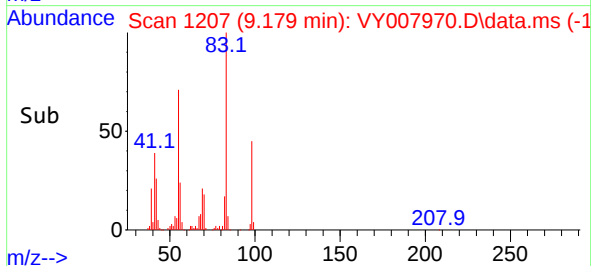
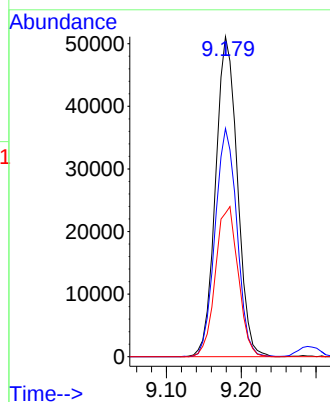
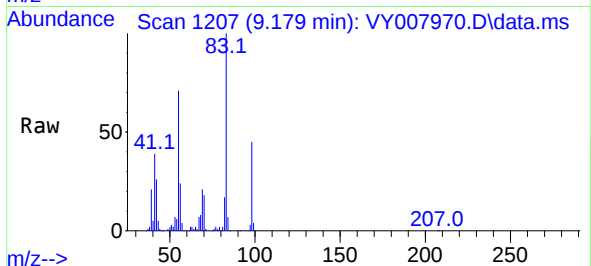
Tgt Ion: 83 Resp: 103773

Ion Ratio Lower Upper

83 100

55 71.3 66.5 99.7

98 44.8 37.9 56.9



#40

Benzene

Concen: 20.826 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY007970.D

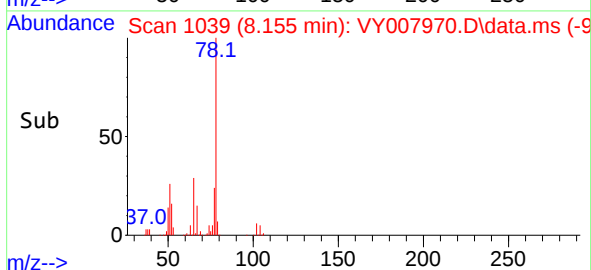
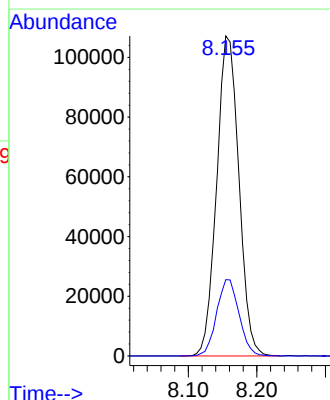
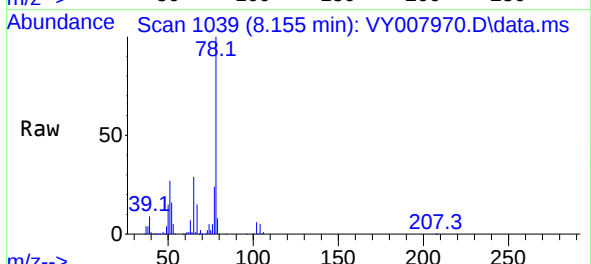
Acq: 21 Mar 2022 22:23

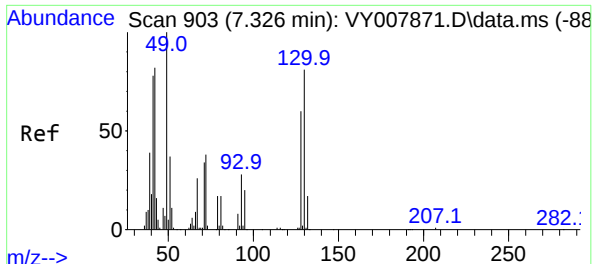
Tgt Ion: 78 Resp: 240831

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

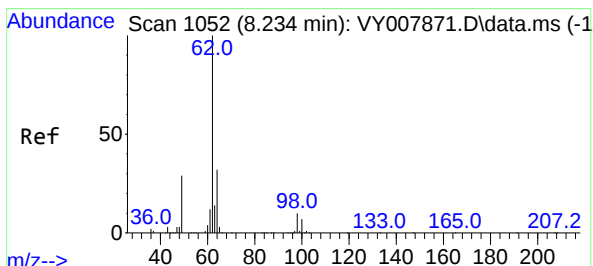
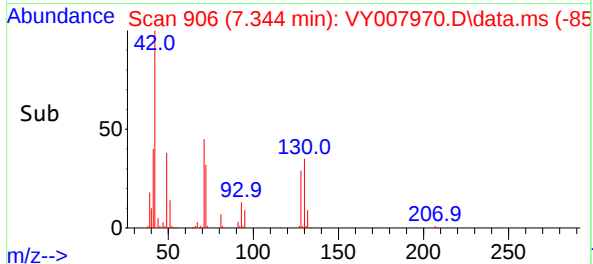
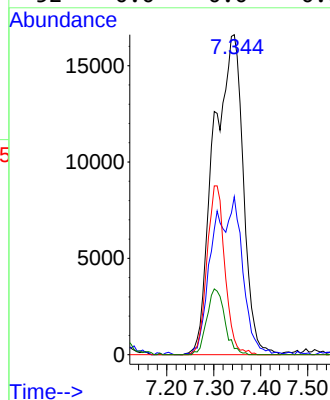
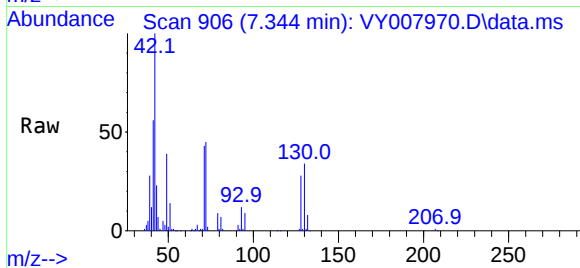




#41  
Methacrylonitrile  
Concen: 48.510 ug/l  
RT: 7.344 min Scan# 90  
Delta R.T. 0.036 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

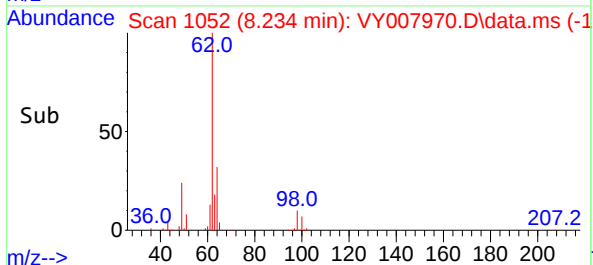
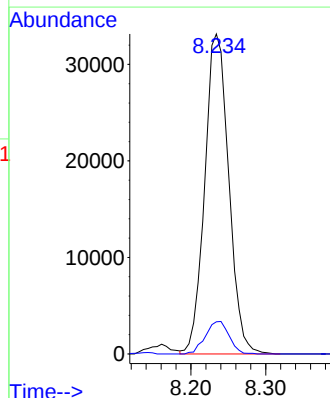
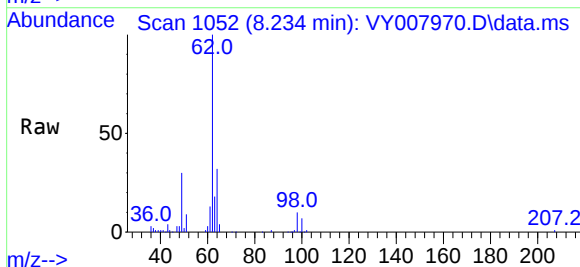
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

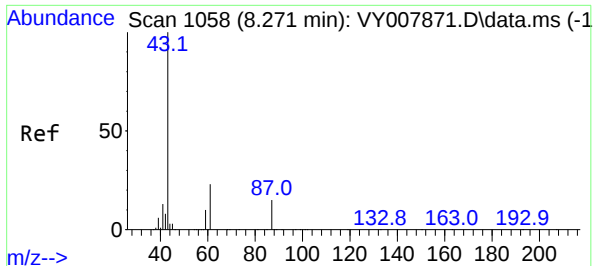
Tgt Ion: 41 Resp: 72237  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 22.126 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 62 Resp: 74083  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 14.8

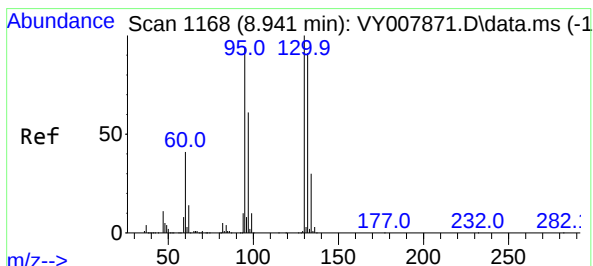
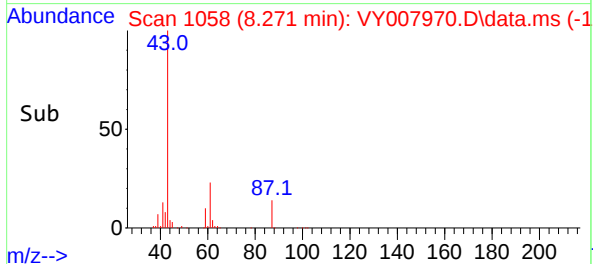
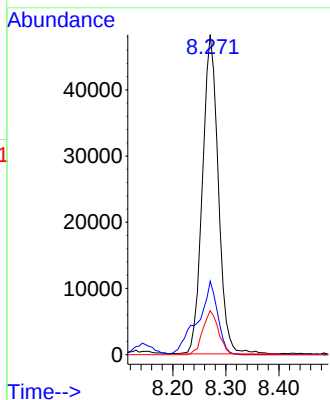
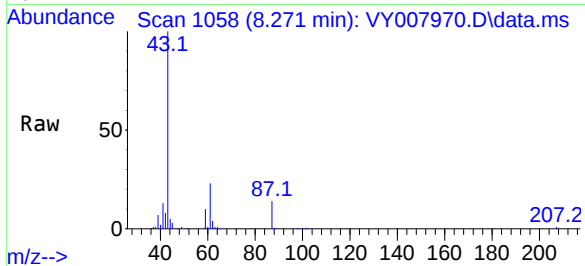




#43  
Isopropyl Acetate  
Concen: 21.500 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

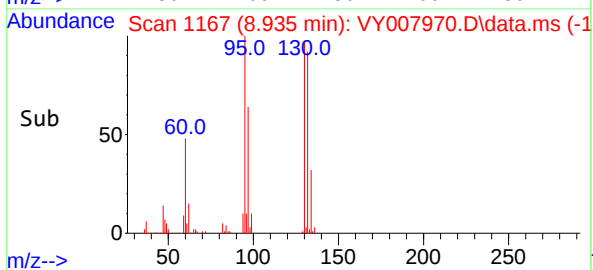
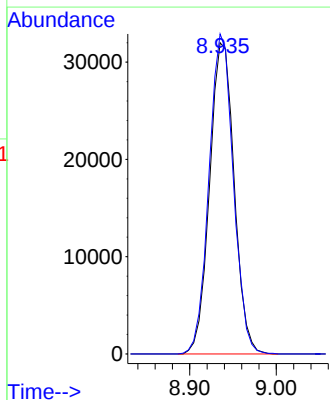
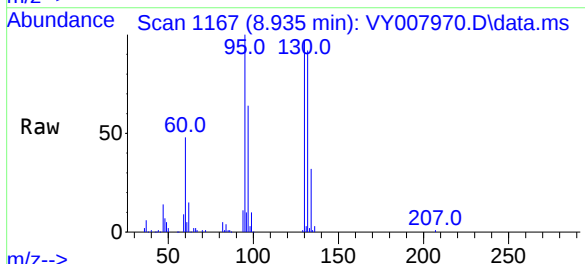
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

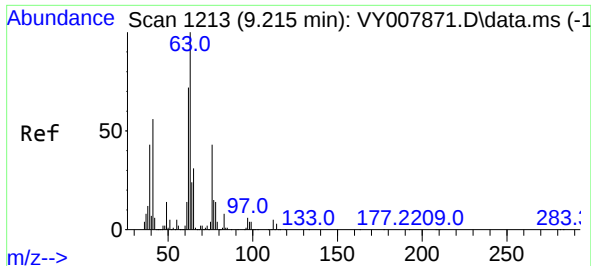
Tgt Ion: 43 Resp: 100086  
Ion Ratio Lower Upper  
43 100  
61 29.1 20.2 30.2  
87 13.7 8.9 13.3#



#44  
Trichloroethene  
Concen: 19.699 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:130 Resp: 62991  
Ion Ratio Lower Upper  
130 100  
95 102.8 0.0 188.2

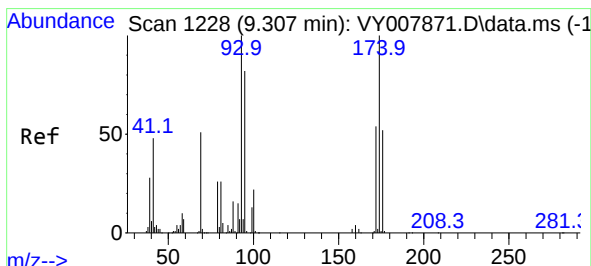
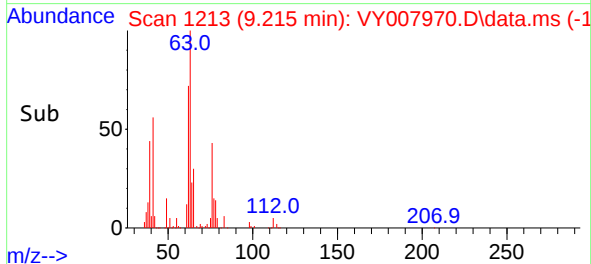
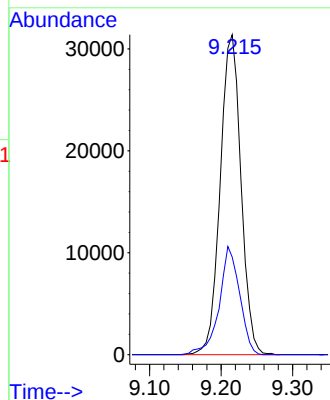
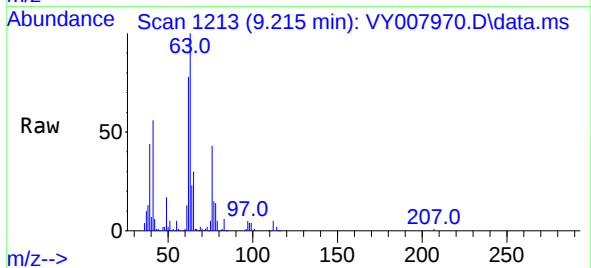




#45  
1,2-Dichloropropane  
Concen: 21.139 ug/l  
RT: 9.215 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

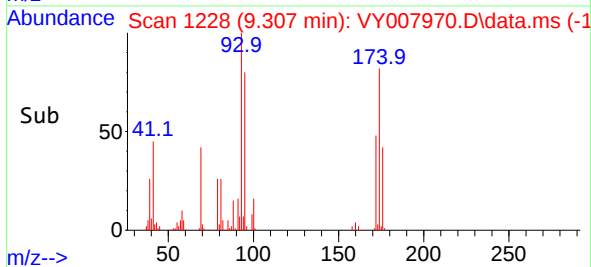
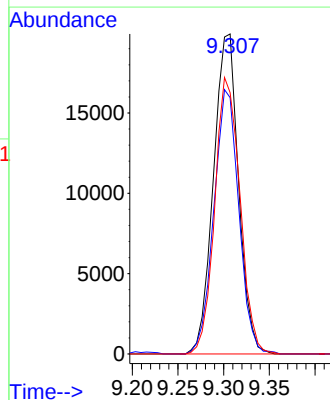
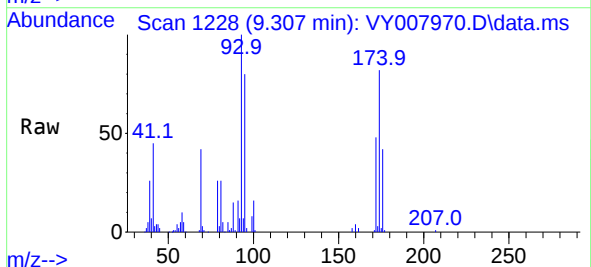
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

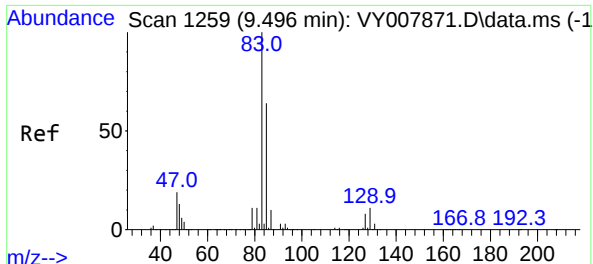
Tgt Ion: 63 Resp: 63297  
Ion Ratio Lower Upper  
63 100  
65 30.5 23.0 34.6



#46  
Dibromomethane  
Concen: 21.702 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 93 Resp: 38015  
Ion Ratio Lower Upper  
93 100  
95 82.2 64.3 96.5  
174 86.8 83.4 125.0

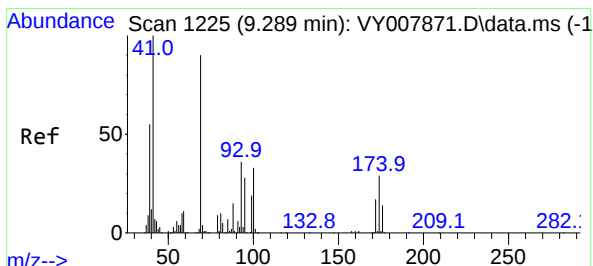
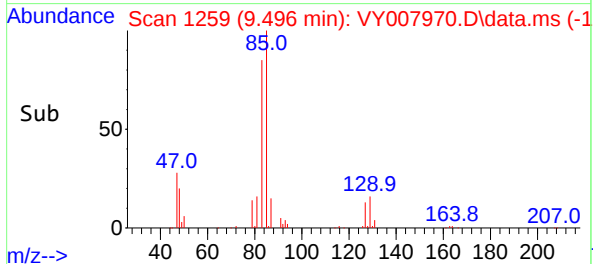
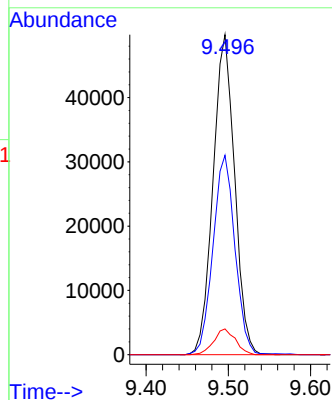
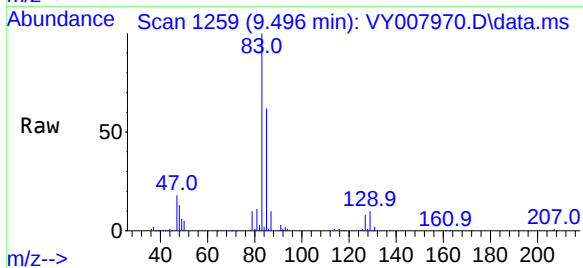




#47  
Bromodichloromethane  
Concen: 21.418 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

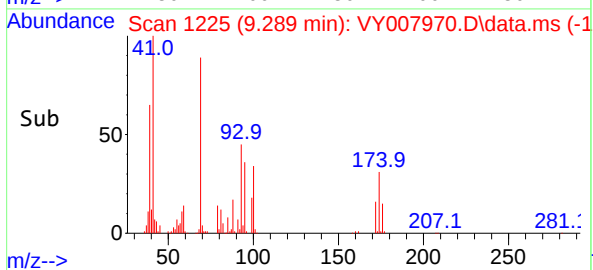
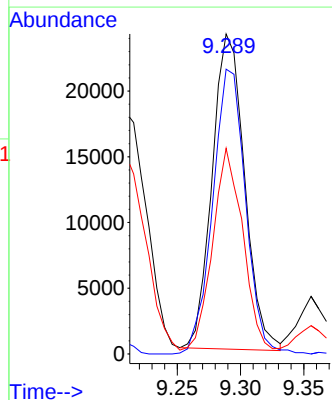
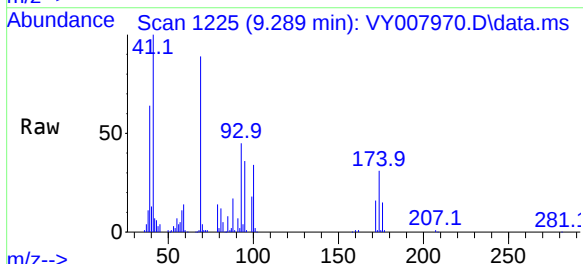
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

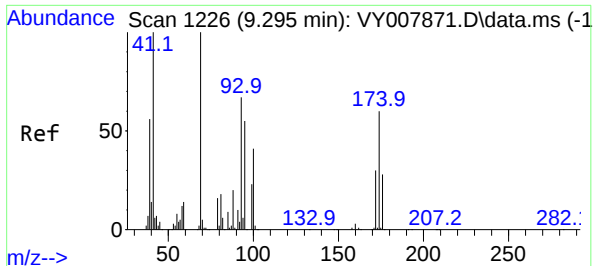
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 90633 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.3  | 51.9  | 77.9  |
| 127      | 8.1   | 6.6   | 10.0  |



#48  
Methyl methacrylate  
Concen: 20.643 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42746 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 91.5  | 58.2  | 87.2  |
| 39       | 61.0  | 47.4  | 71.0  |

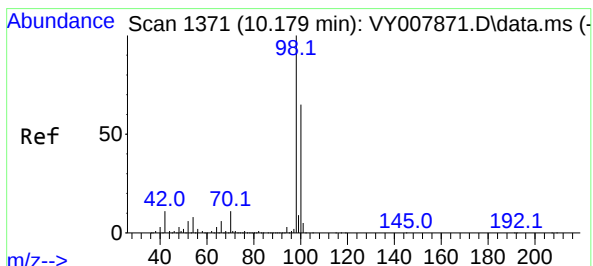
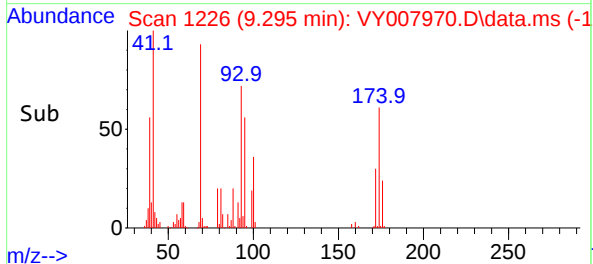
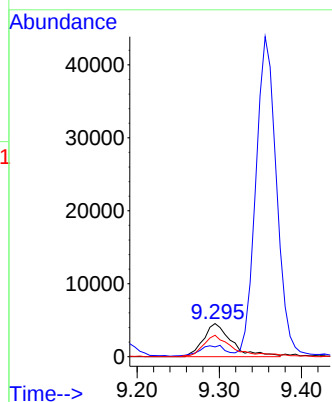
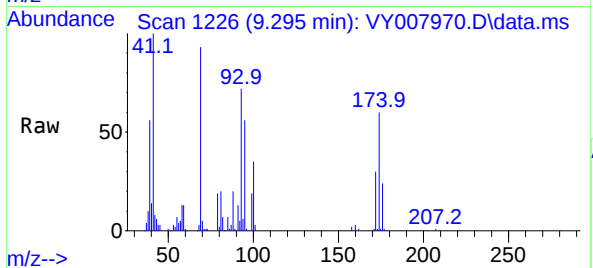




#49  
1,4-Dioxane  
Concen: 438.253 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

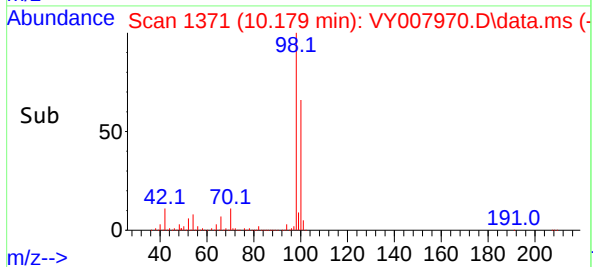
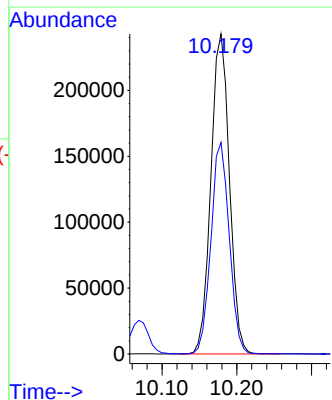
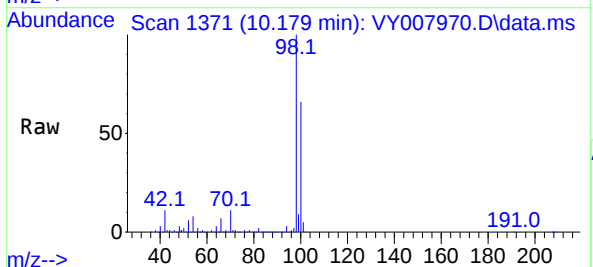
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

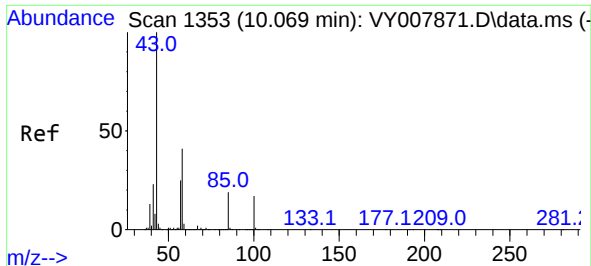
Tgt Ion: 88 Resp: 10872  
Ion Ratio Lower Upper  
88 100  
43 30.9 32.8 49.2#  
58 70.6 59.8 89.6



#50  
Toluene-d8  
Concen: 52.307 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 98 Resp: 419065  
Ion Ratio Lower Upper  
98 100  
100 65.2 50.2 75.2

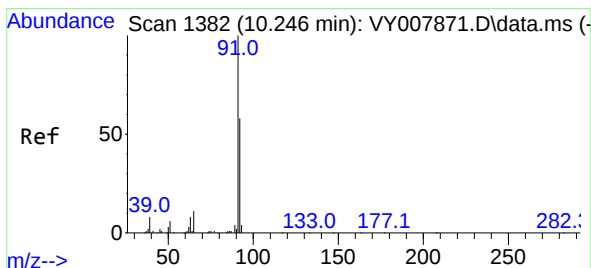
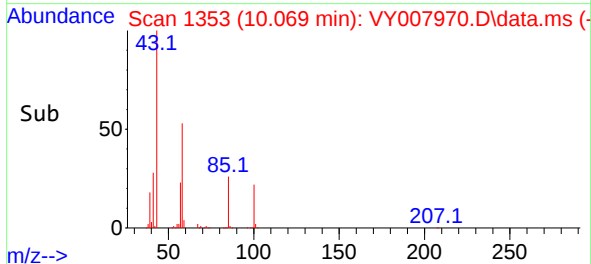
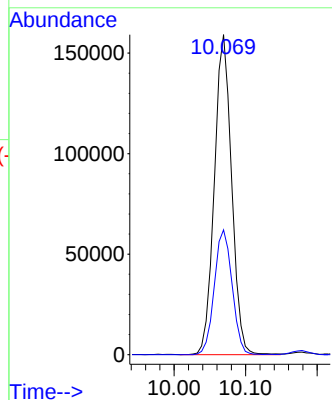
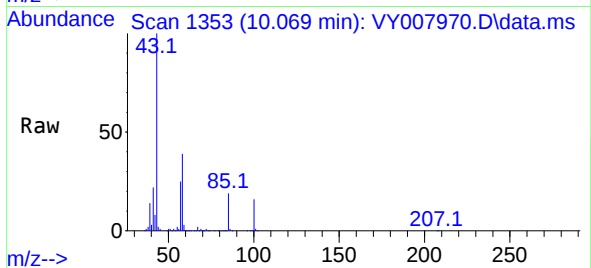




#51  
4-Methyl-2-Pentanone  
Concen: 108.886 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

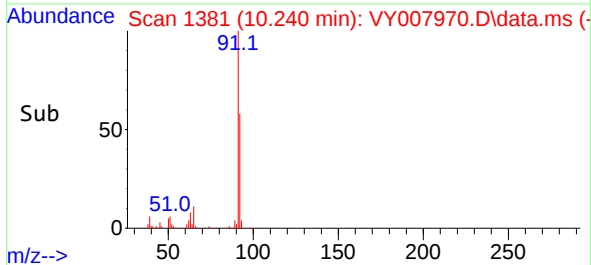
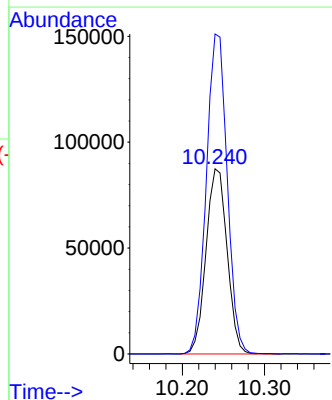
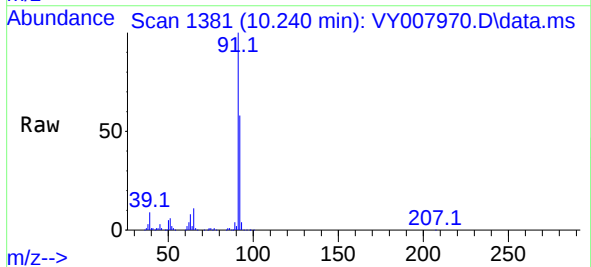
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

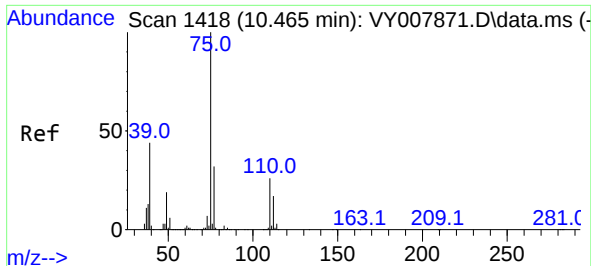
Tgt Ion: 43 Resp: 267052  
Ion Ratio Lower Upper  
43 100  
58 40.2 28.1 42.1



#52  
Toluene  
Concen: 20.981 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 92 Resp: 155812  
Ion Ratio Lower Upper  
92 100  
91 170.8 142.6 213.8

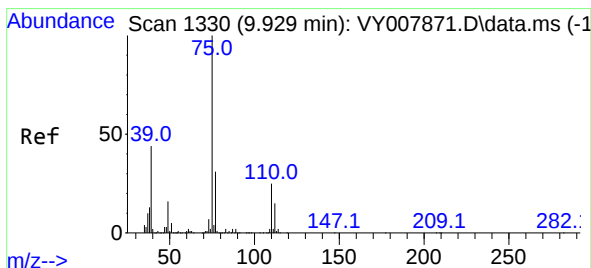
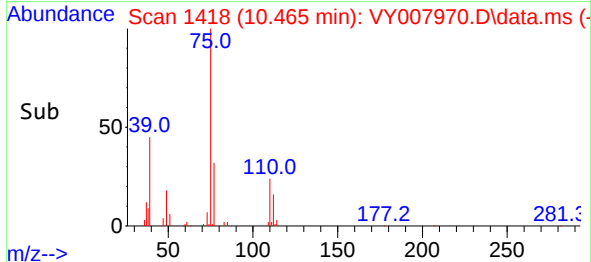
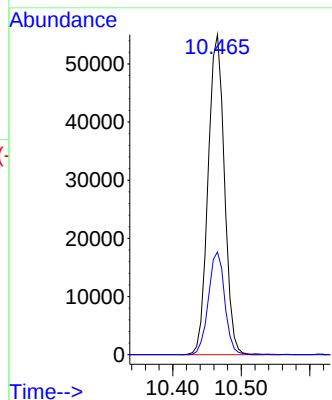
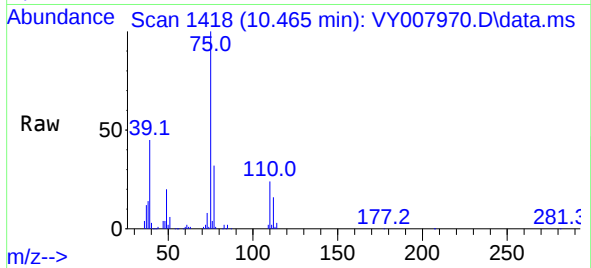




#53  
t-1,3-Dichloropropene  
Concen: 20.209 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

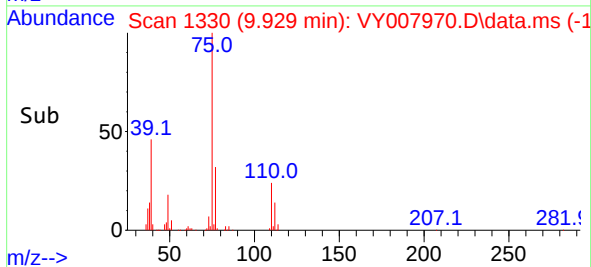
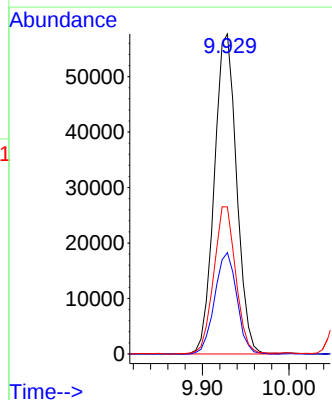
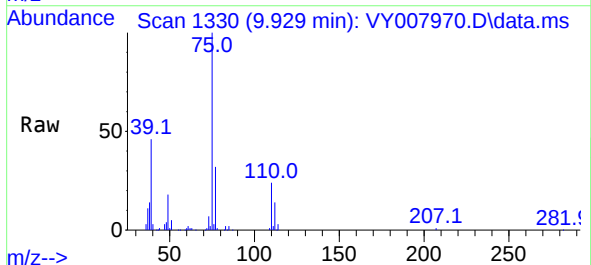
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

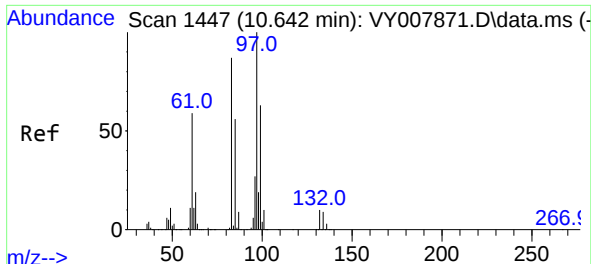
Tgt Ion: 75 Resp: 91229  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.504 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 75 Resp: 103221  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4  
39 45.8 47.6 71.4#

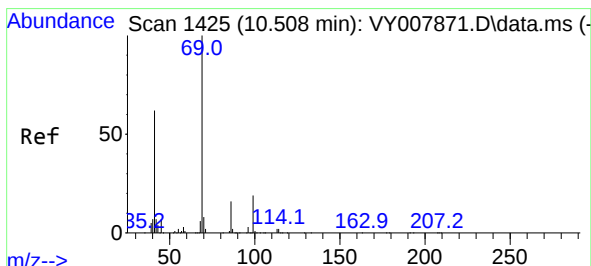
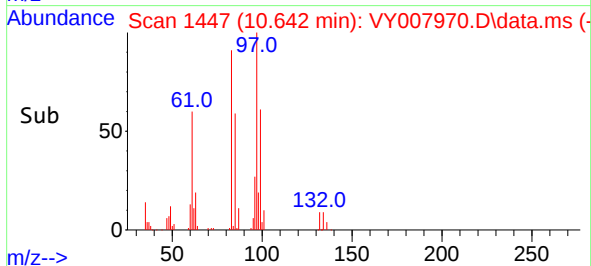
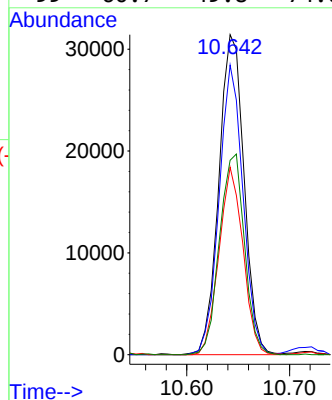
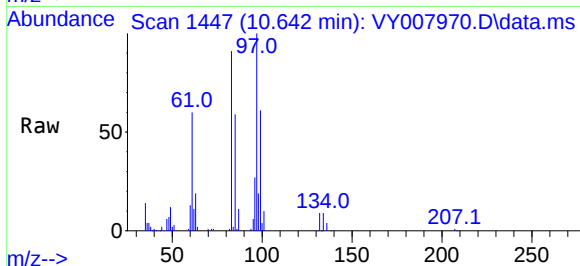




#55  
1,1,2-Trichloroethane  
Concen: 21.027 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

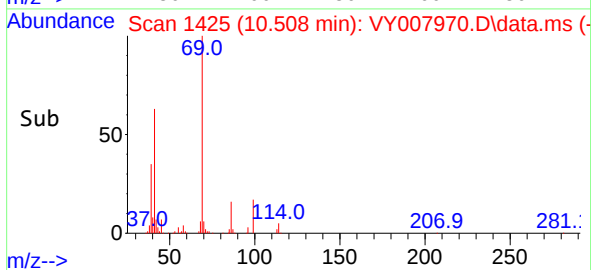
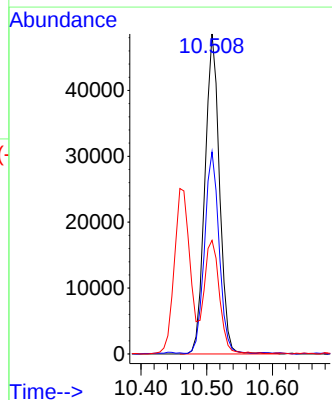
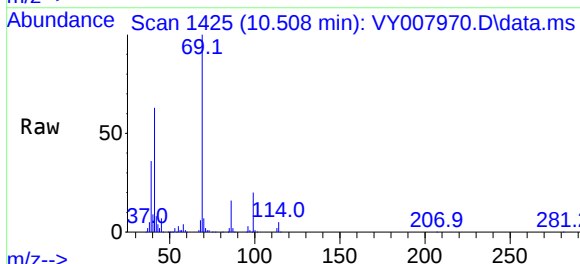
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

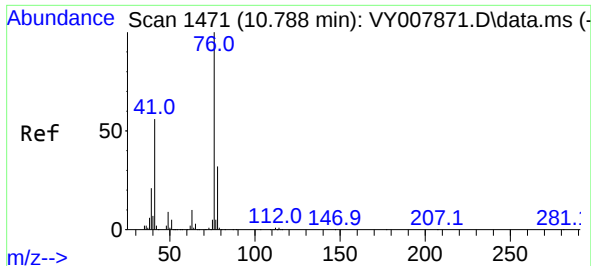
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 53510 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.5  | 69.8  | 104.8 |
| 85       | 58.5  | 44.3  | 66.5  |
| 99       | 60.7  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 20.499 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 74890 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.8  | 63.4  | 95.0# |
| 39       | 37.8  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 21.358 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

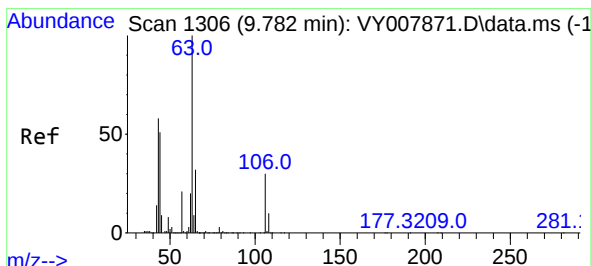
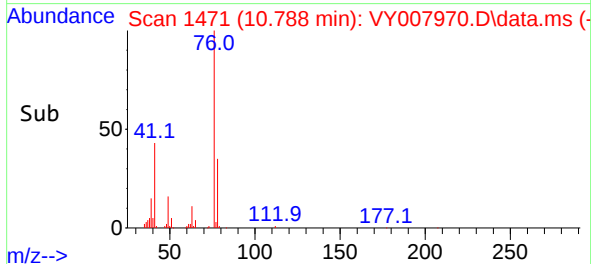
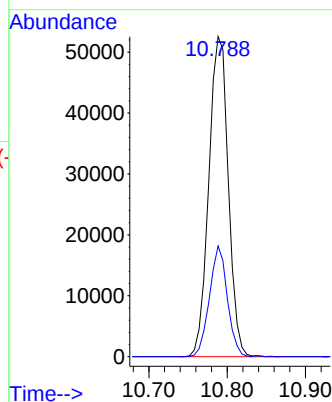
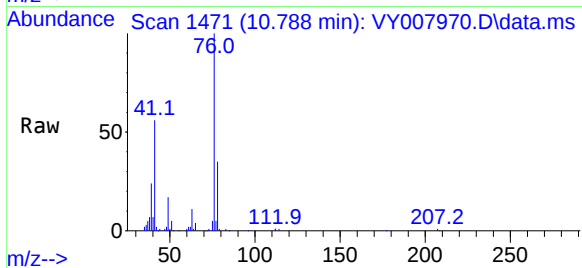
VY0321SBS02

Tgt Ion: 76 Resp: 90639

Ion Ratio Lower Upper

76 100

78 31.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.843 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007970.D

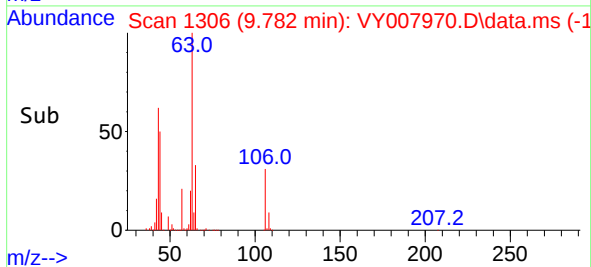
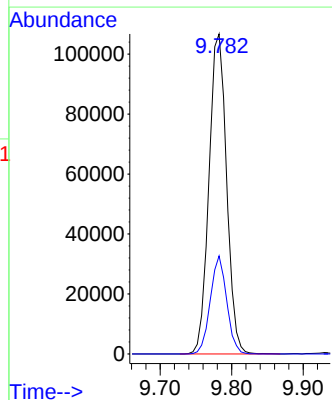
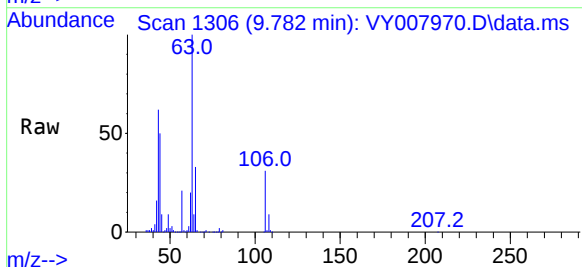
Acq: 21 Mar 2022 22:23

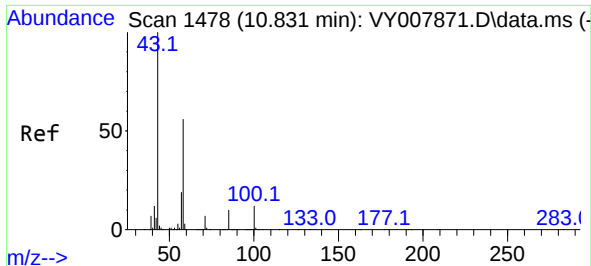
Tgt Ion: 63 Resp: 182526

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3

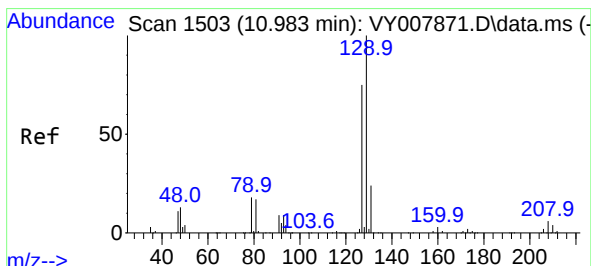
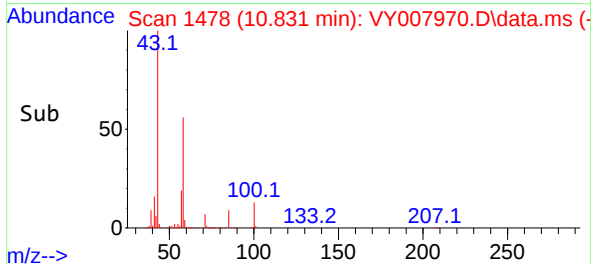
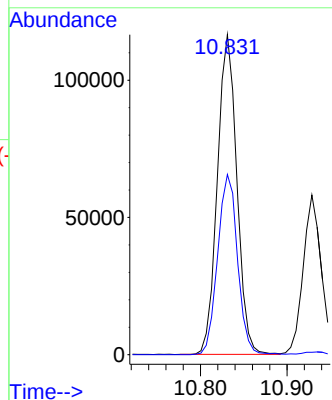
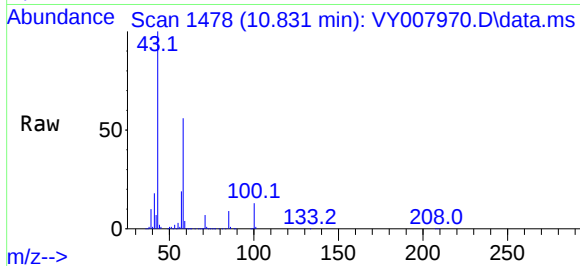




#59  
2-Hexanone  
Concen: 103.789 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

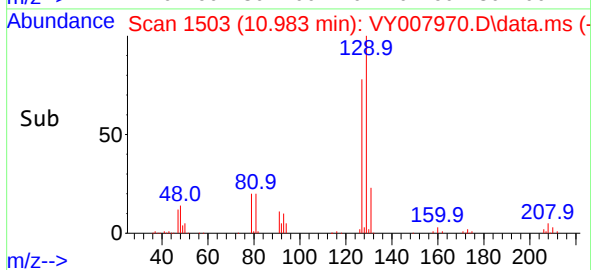
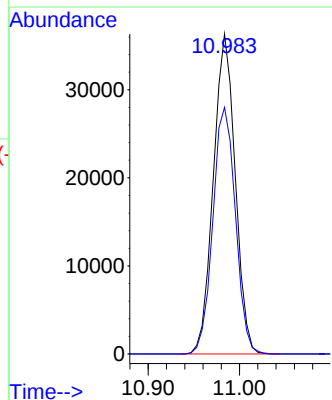
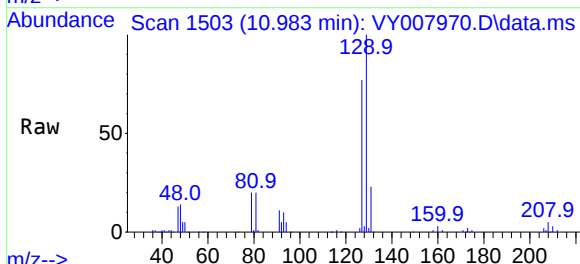
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

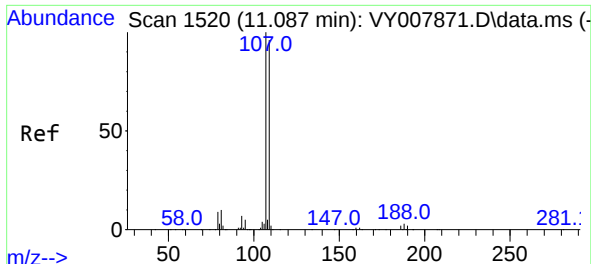
Tgt Ion: 43 Resp: 182033  
Ion Ratio Lower Upper  
43 100  
58 57.5 24.4 73.4



#60  
Dibromochloromethane  
Concen: 19.777 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:129 Resp: 60280  
Ion Ratio Lower Upper  
129 100  
127 79.6 38.7 116.1

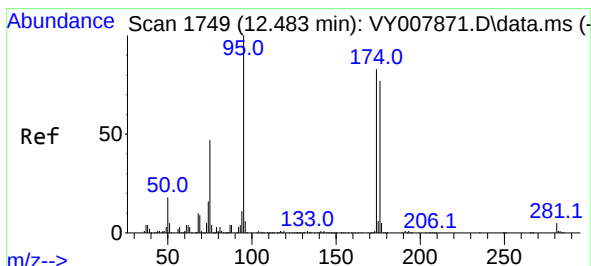
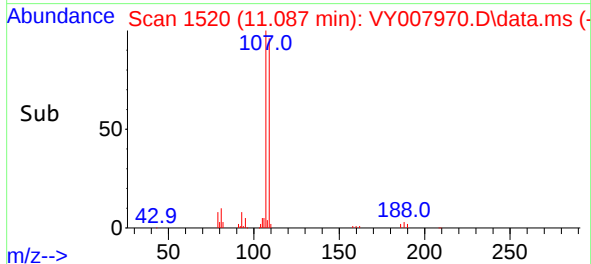
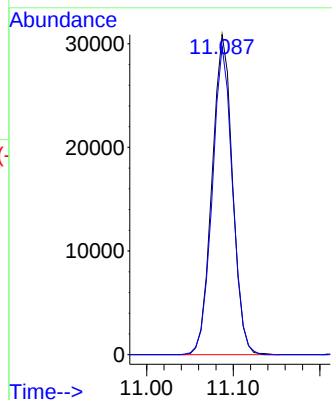
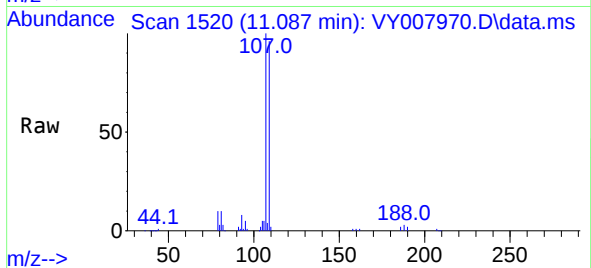




#61  
1,2-Dibromoethane  
Concen: 20.600 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

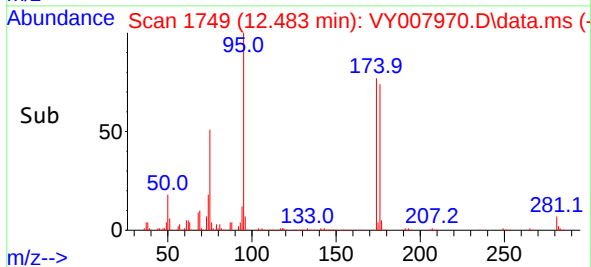
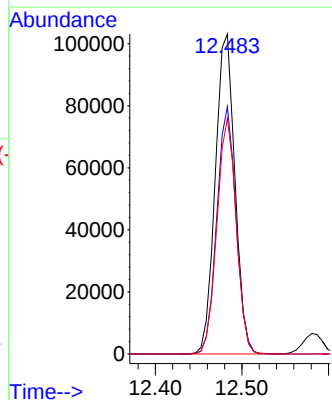
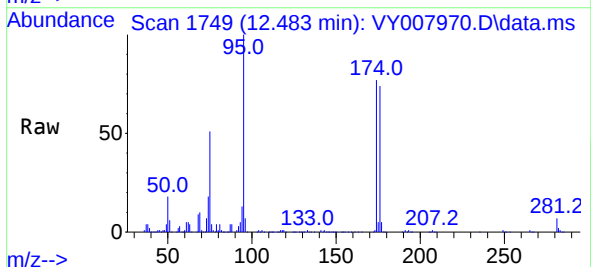
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

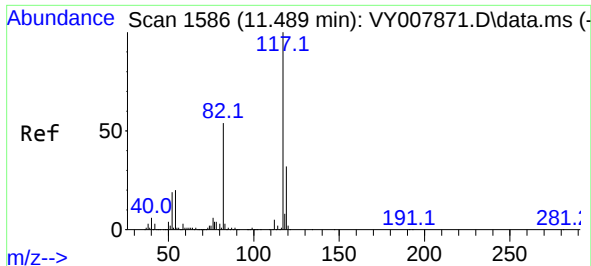
Tgt Ion:107 Resp: 50717  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 42.378 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 95 Resp: 162271  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 177.0  
176 72.0 0.0 175.8

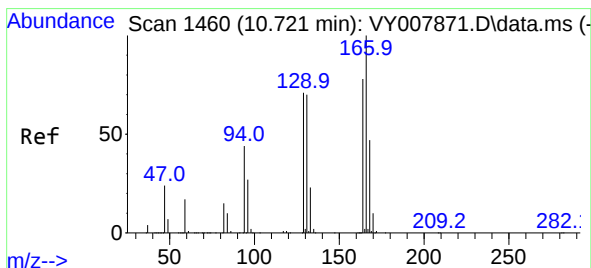
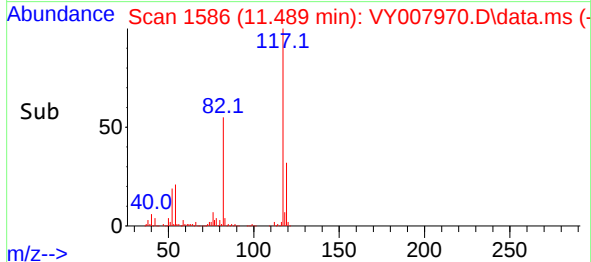
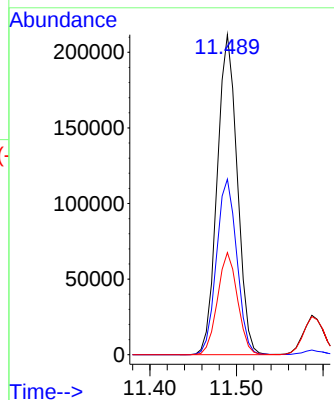
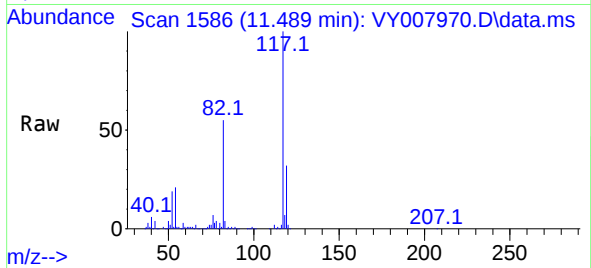




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

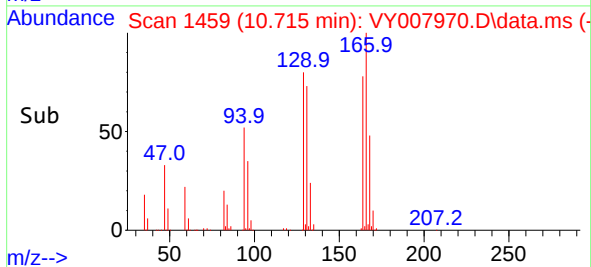
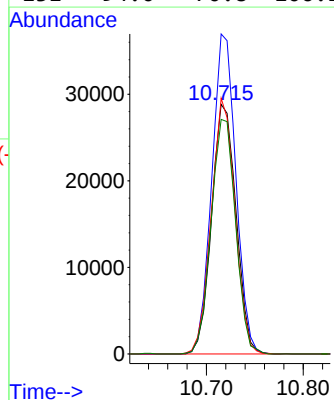
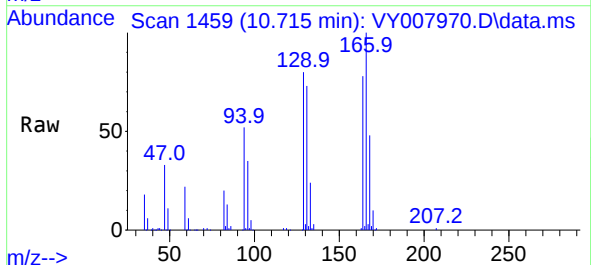
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

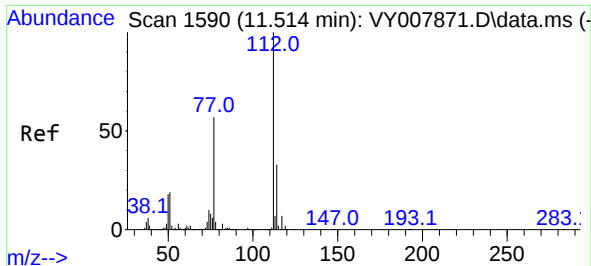
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 341142      |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 82          | 54.9  | 43.0 64.4   |
| 119         | 31.9  | 25.4 38.0   |



#64  
Tetrachloroethene  
Concen: 19.050 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 50571       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 128.2 | 100.4 150.6 |
| 129         | 102.4 | 71.4 107.0  |
| 131         | 94.0  | 70.8 106.2  |

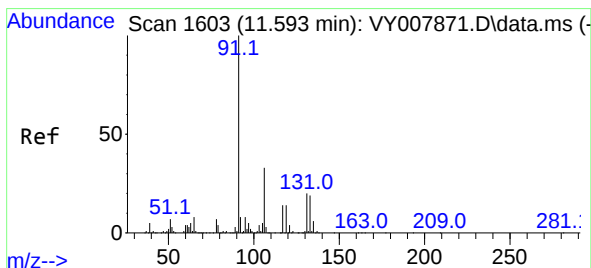
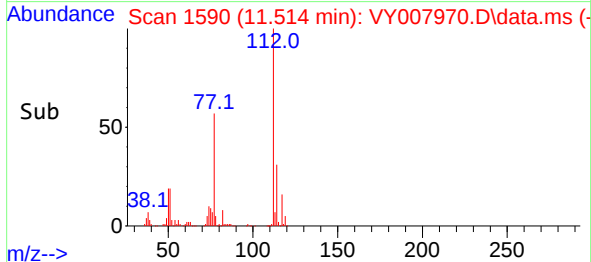
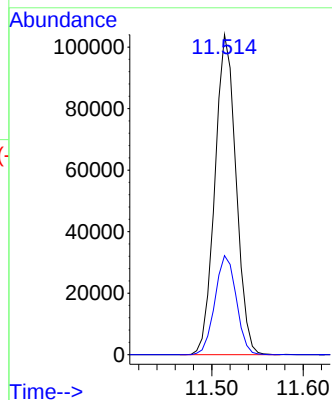
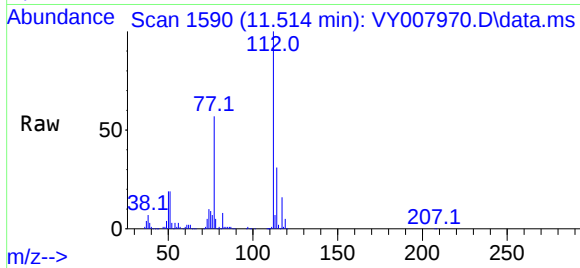




#65  
Chlorobenzene  
Concen: 20.437 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

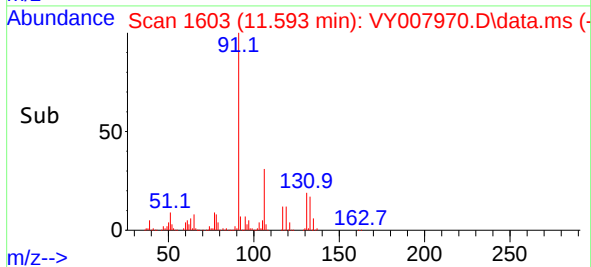
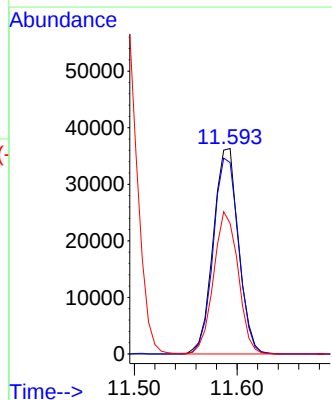
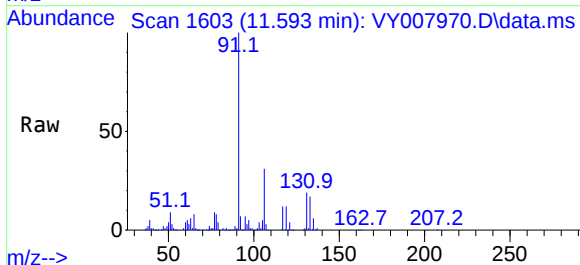
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

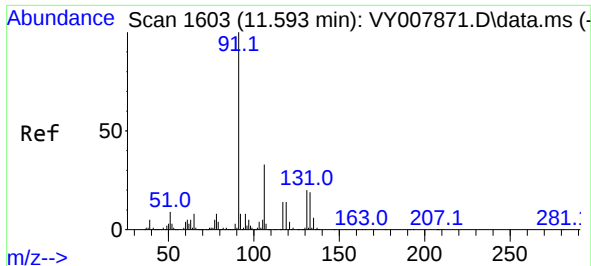
Tgt Ion:112 Resp: 167011  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.111 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:131 Resp: 61879  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.9 143.6  
119 67.5 30.8 92.3





#67

Ethyl Benzene

Concen: 20.826 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

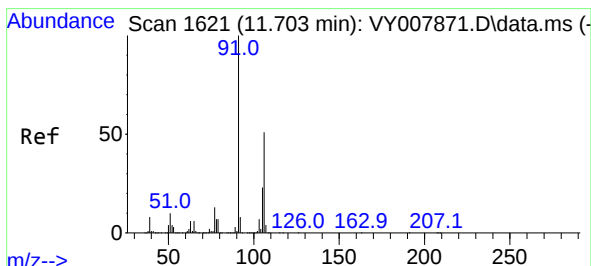
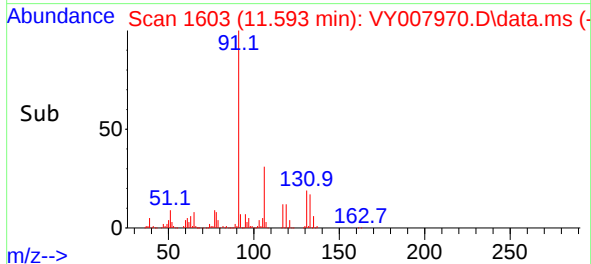
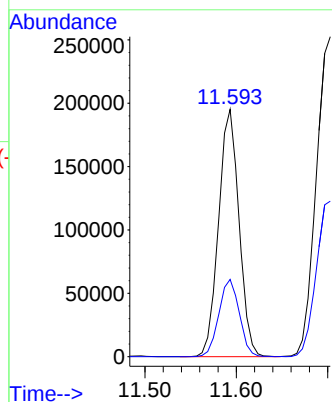
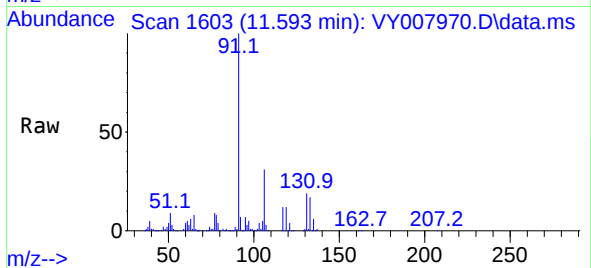
VY0321SBS02

Tgt Ion: 91 Resp: 303165

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 40.695 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007970.D

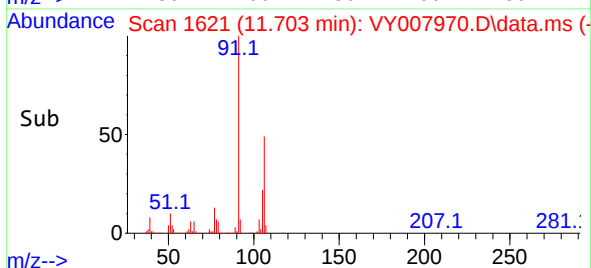
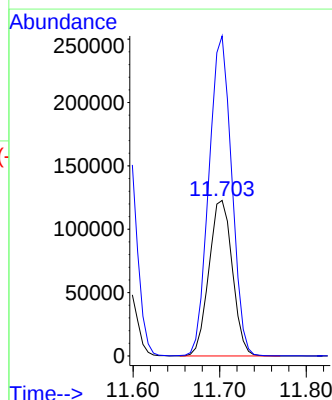
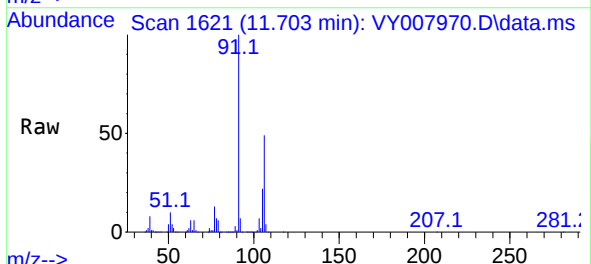
Acq: 21 Mar 2022 22:23

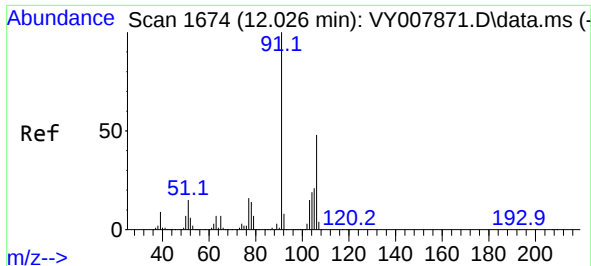
Tgt Ion: 106 Resp: 231082

Ion Ratio Lower Upper

106 100

91 200.1 166.6 249.8

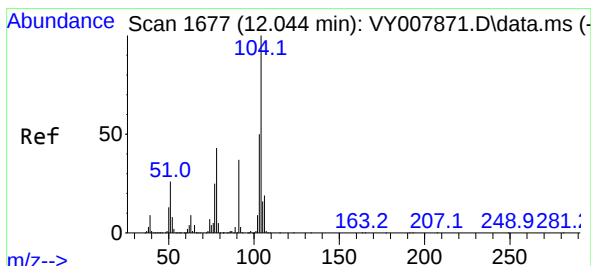
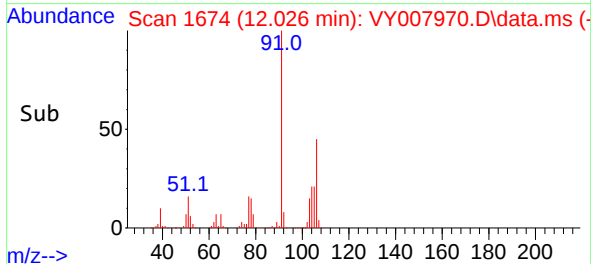
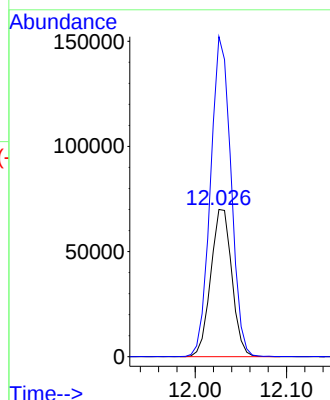
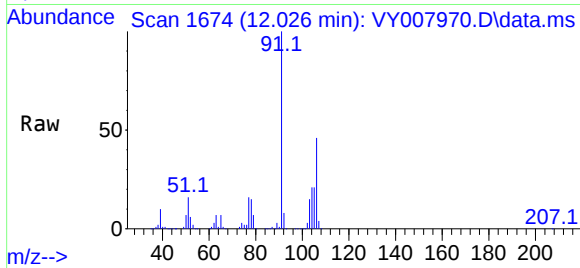




#69  
o-Xylene  
Concen: 20.452 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

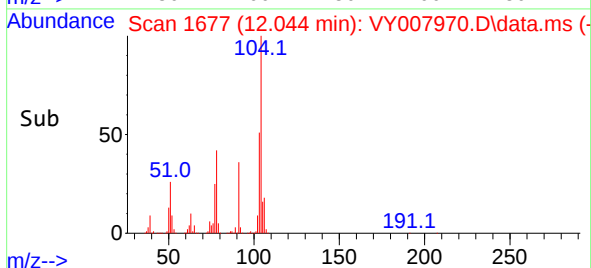
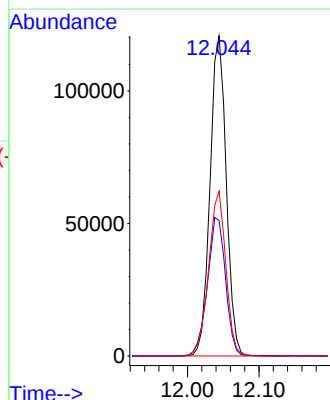
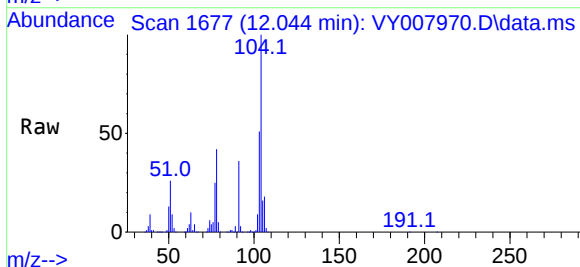
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

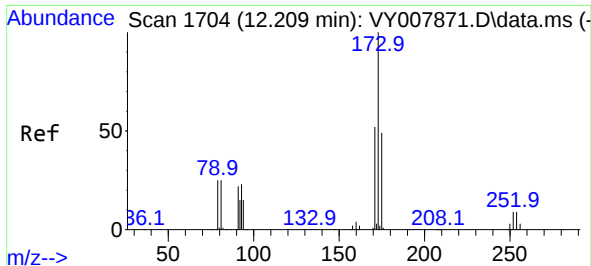
Tgt Ion:106 Resp: 112338  
Ion Ratio Lower Upper  
106 100  
91 211.1 110.3 331.0



#70  
Styrene  
Concen: 20.608 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:104 Resp: 190307  
Ion Ratio Lower Upper  
104 100  
78 48.2 42.4 63.6  
103 54.5 44.4 66.6

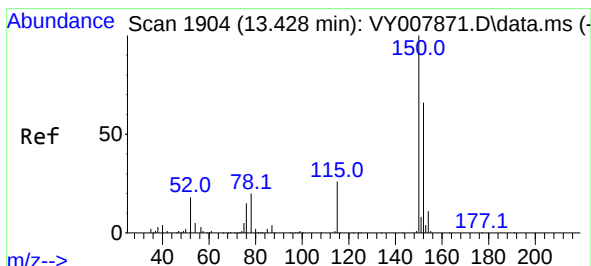
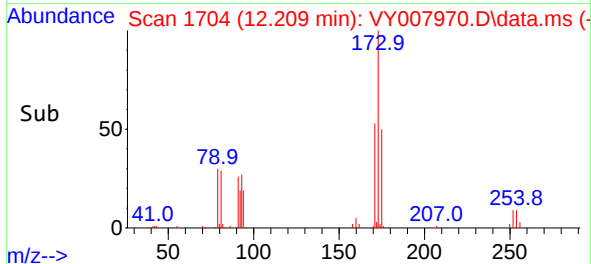
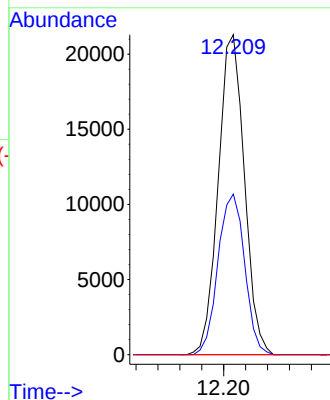
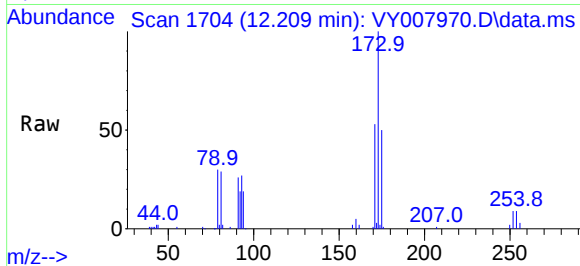




#71  
Bromoform  
Concen: 17.890 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

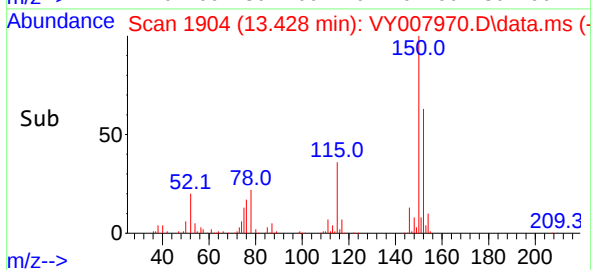
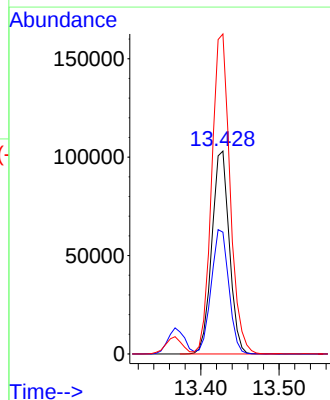
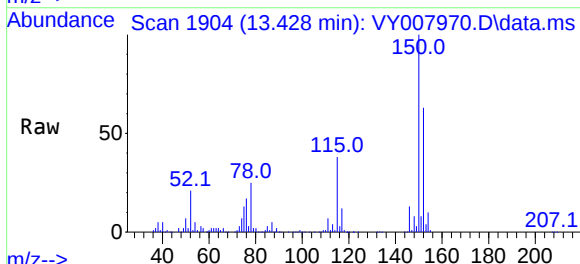
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

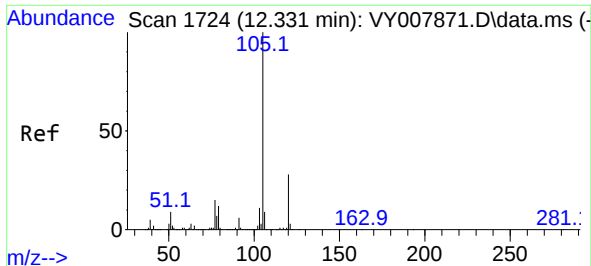
Tgt Ion:173 Resp: 35256  
Ion Ratio Lower Upper  
173 100  
175 51.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:152 Resp: 159532  
Ion Ratio Lower Upper  
152 100  
115 61.8 28.2 84.7  
150 165.4 0.0 347.6

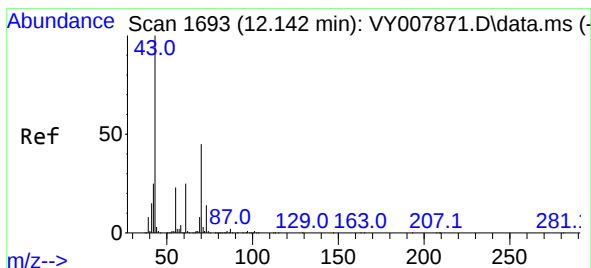
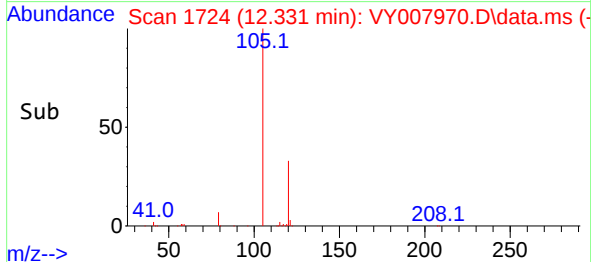
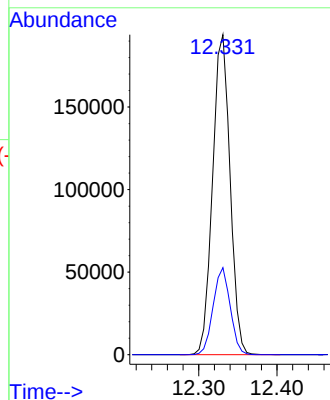
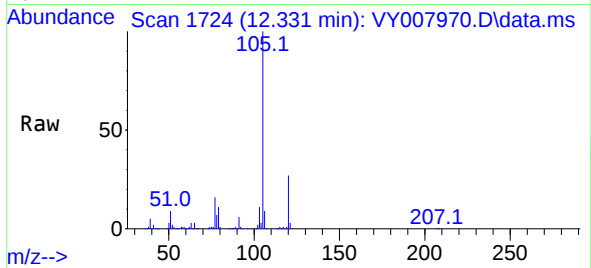




#73  
Isopropylbenzene  
Concen: 21.372 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

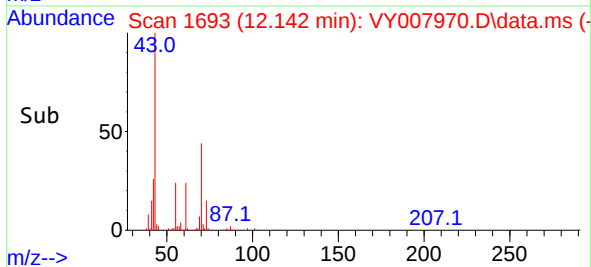
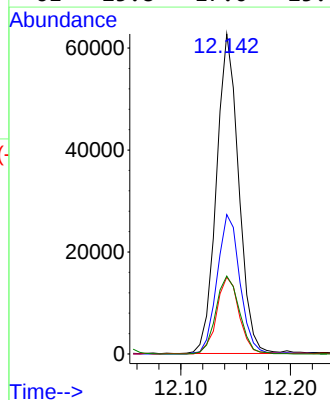
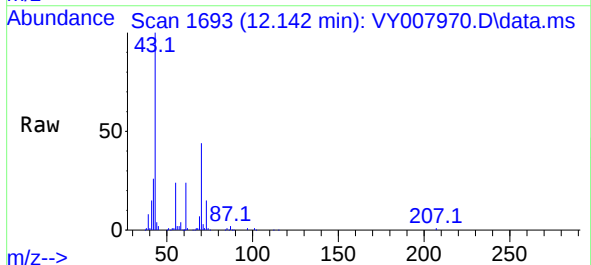
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

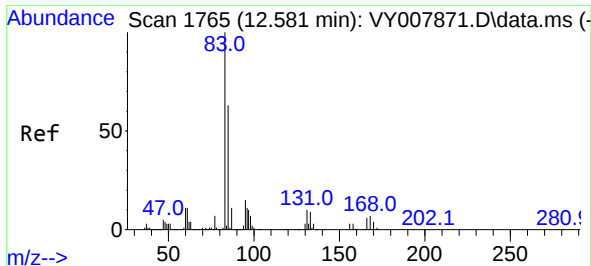
Tgt Ion:105 Resp: 300114  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.2



#74  
N-ethyl acetate  
Concen: 21.357 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 43 Resp: 88480  
Ion Ratio Lower Upper  
43 100  
70 45.2 28.7 43.1#  
55 24.0 17.3 25.9  
61 25.8 17.0 25.6#

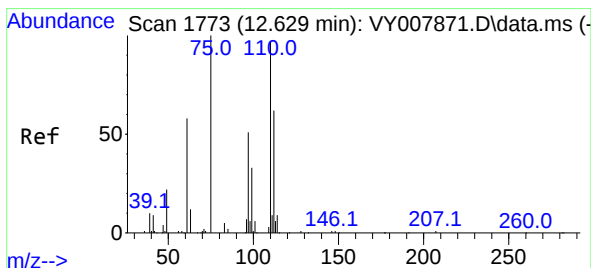
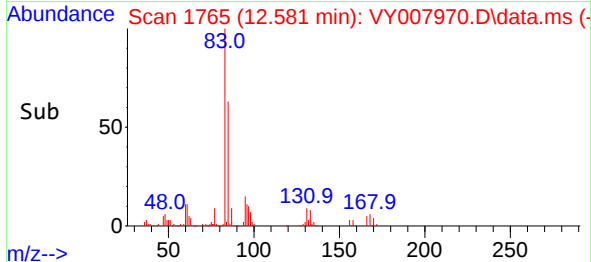
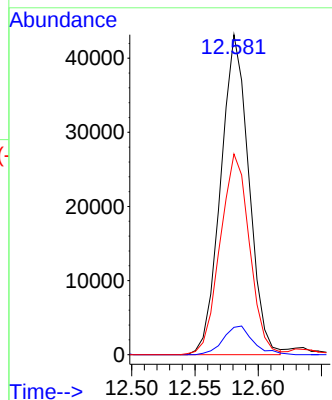
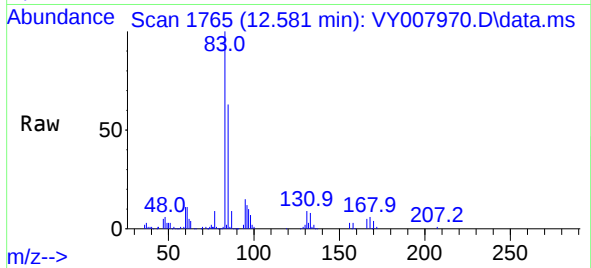




#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.088 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

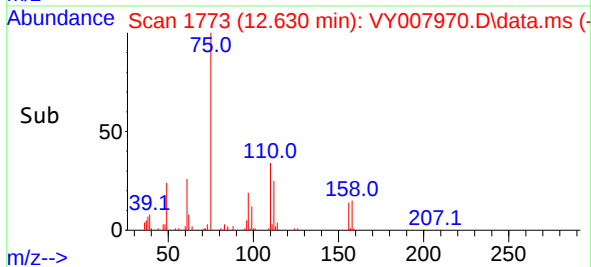
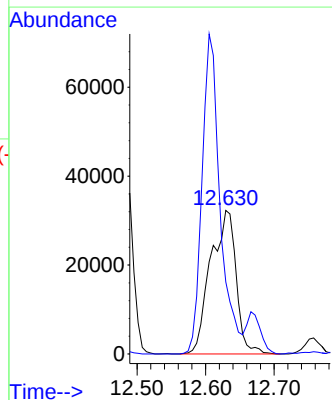
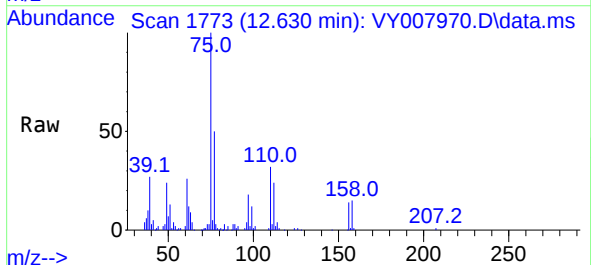
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

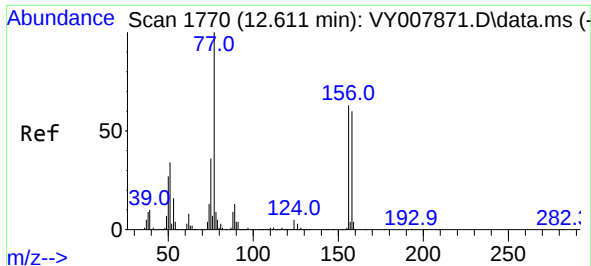
Tgt Ion: 83 Resp: 66766  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.6 16.8  
85 65.4 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 36.762 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 75 Resp: 83593  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

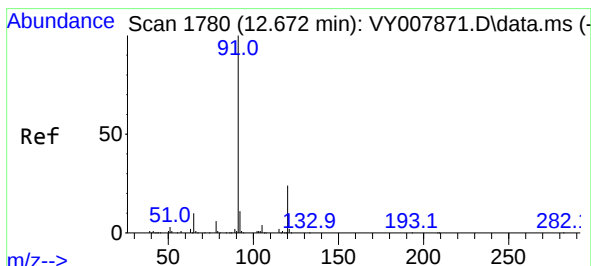
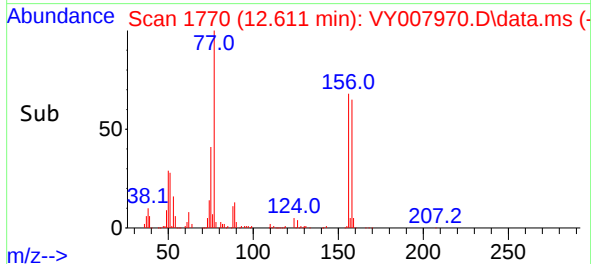
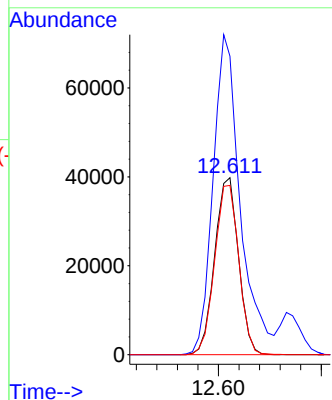
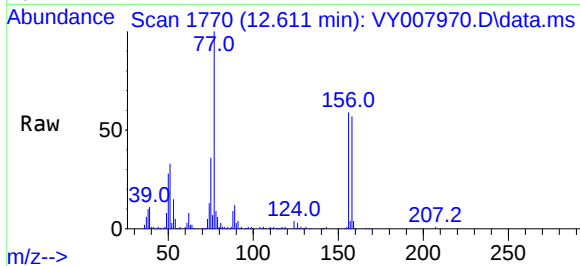




#77  
Bromobenzene  
Concen: 19.910 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

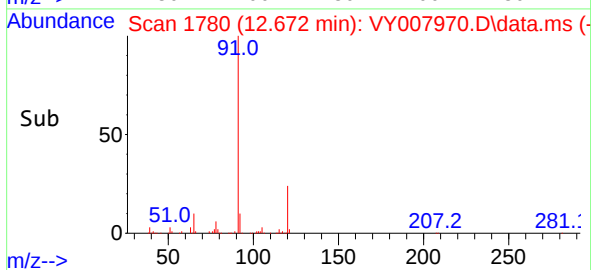
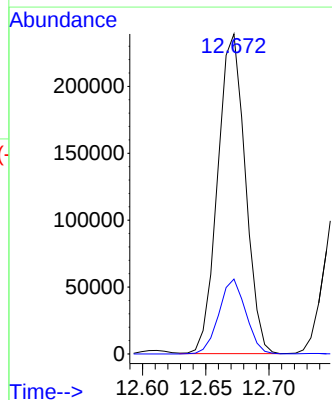
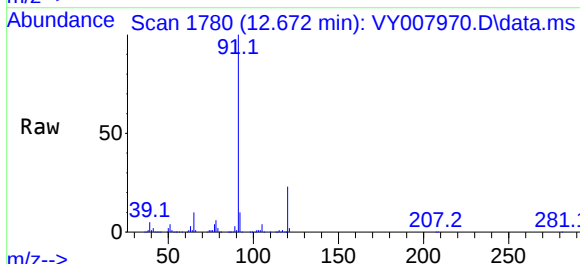
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

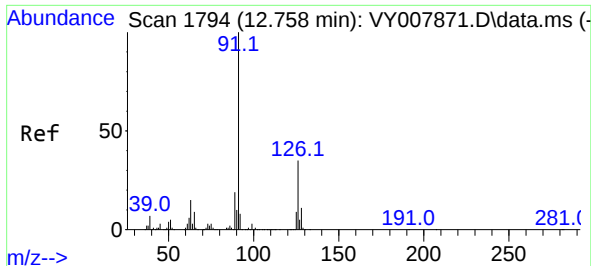
Tgt Ion:156 Resp: 63888  
Ion Ratio Lower Upper  
156 100  
77 206.9 95.5 286.4  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 21.370 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 91 Resp: 362363  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.3 33.9

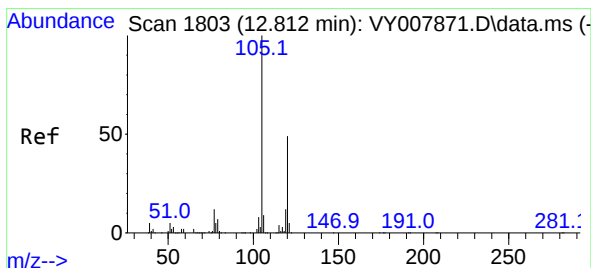
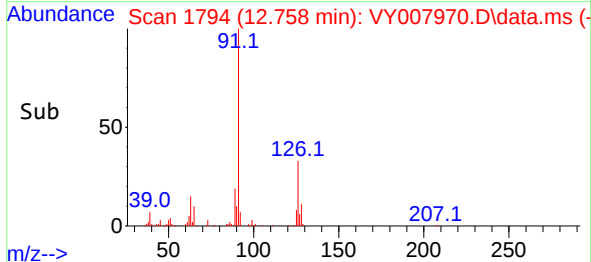
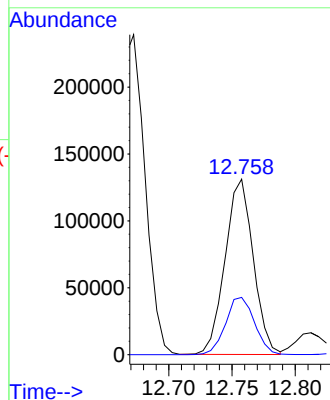
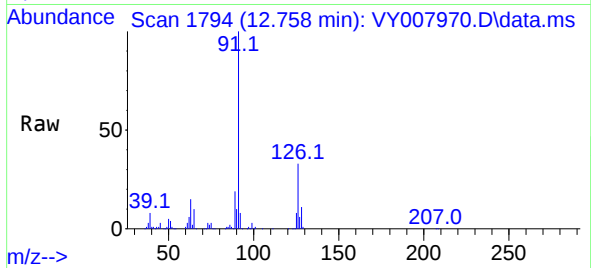




#79  
2-Chlorotoluene  
Concen: 21.312 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

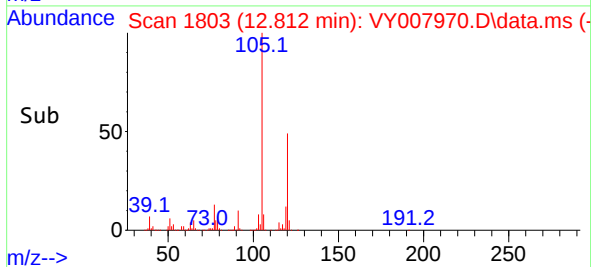
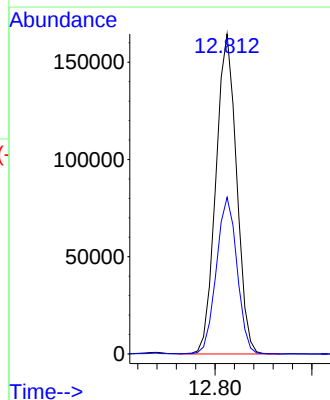
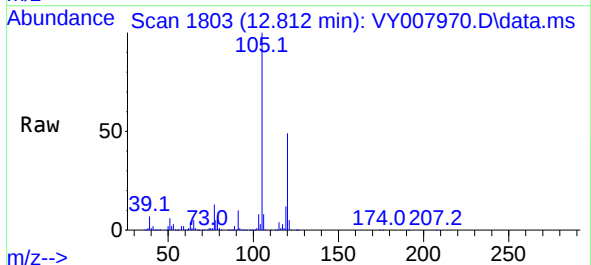
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

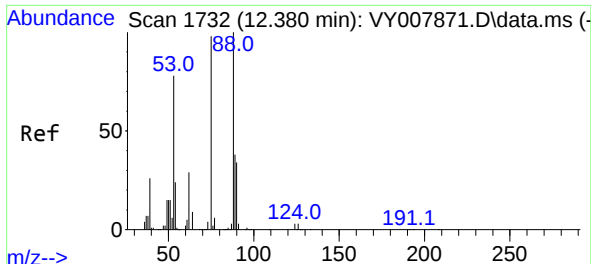
Tgt Ion: 91 Resp: 203319  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 21.149 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 105 Resp: 244223  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.4 73.4

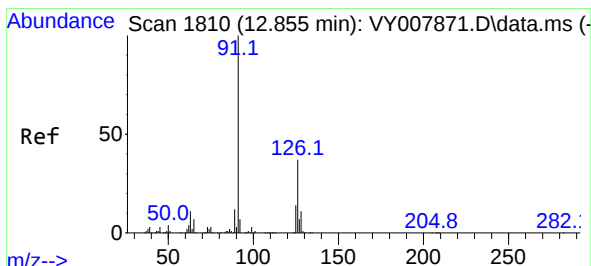
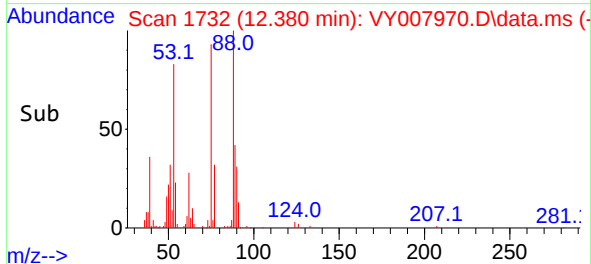
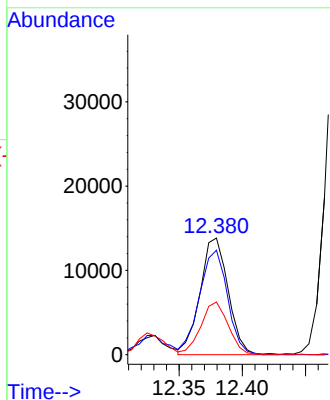
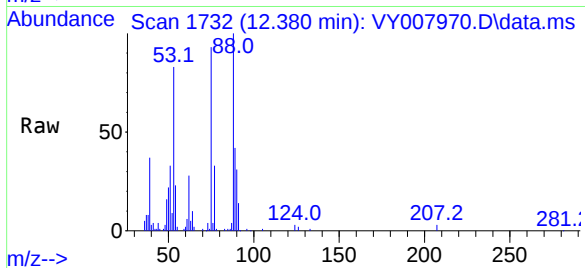




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.796 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

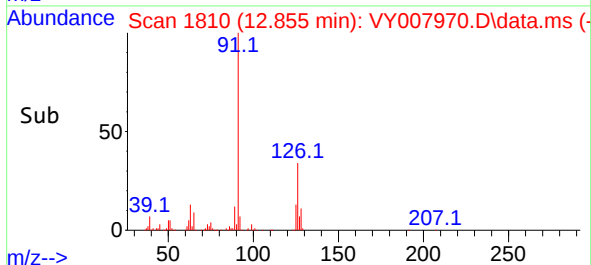
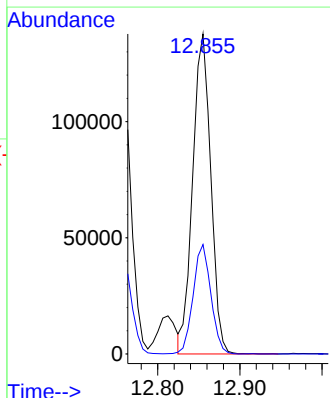
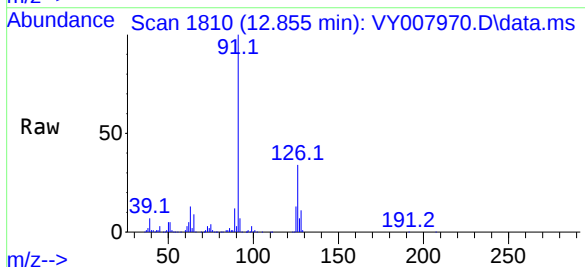
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

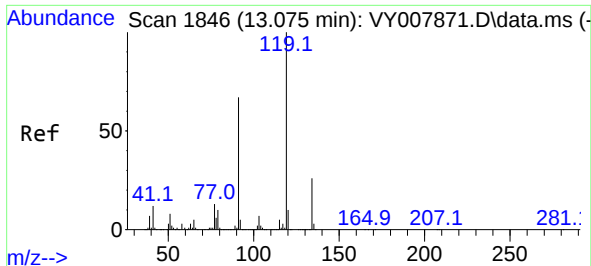
Tgt Ion: 75 Resp: 21431  
Ion Ratio Lower Upper  
75 100  
53 89.7 85.3 127.9  
89 44.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 21.221 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 91 Resp: 210313  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.0 51.0

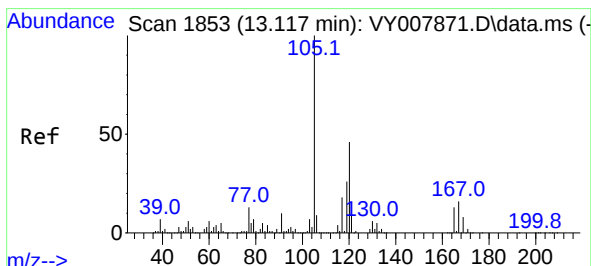
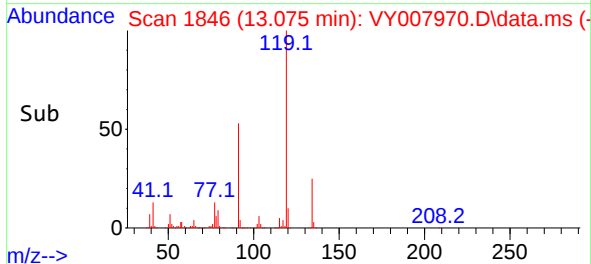
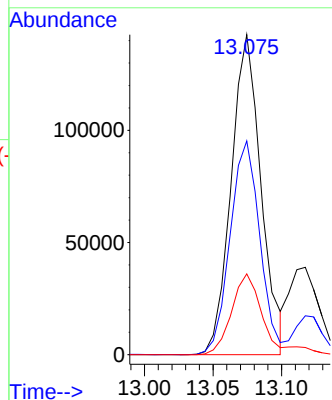
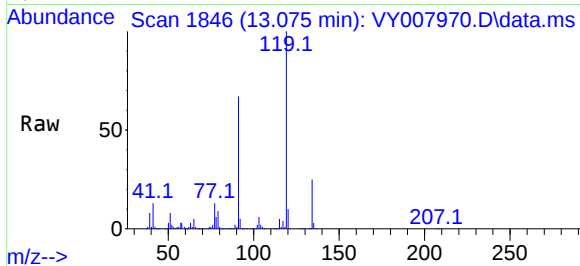




#83  
tert-Butylbenzene  
Concen: 20.984 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

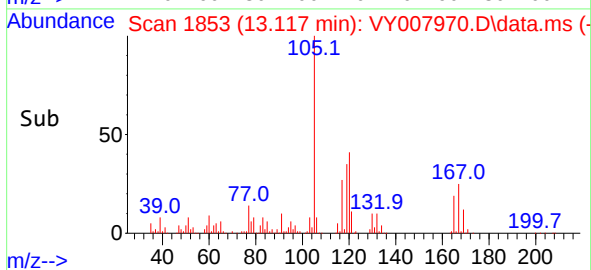
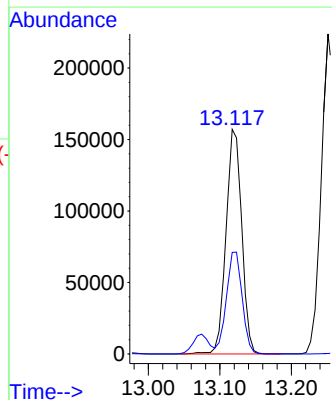
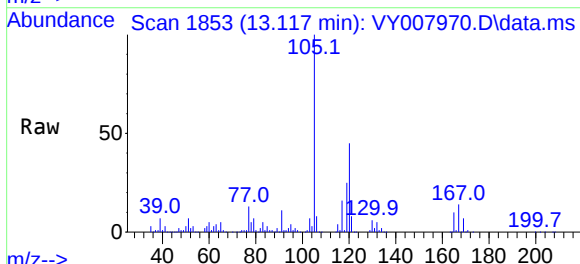
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

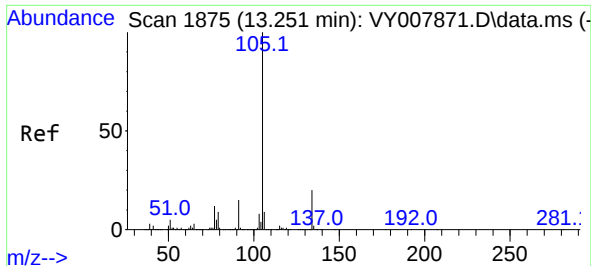
Tgt Ion:119 Resp: 216847  
Ion Ratio Lower Upper  
119 100  
91 66.3 34.8 104.4  
134 26.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.184 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:105 Resp: 239804  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.3 66.9

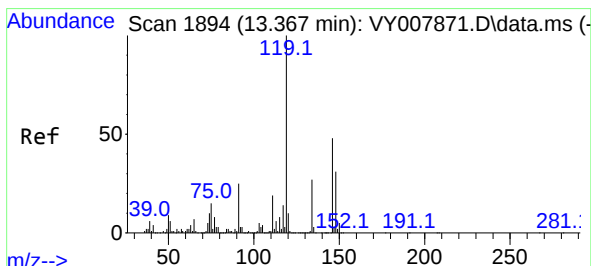
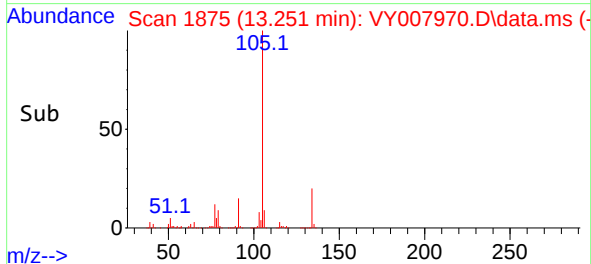
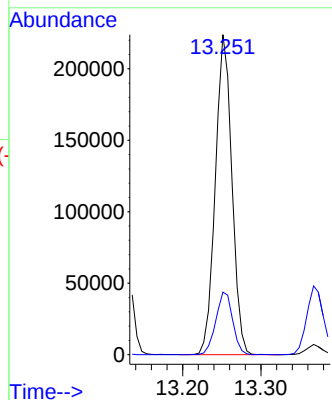
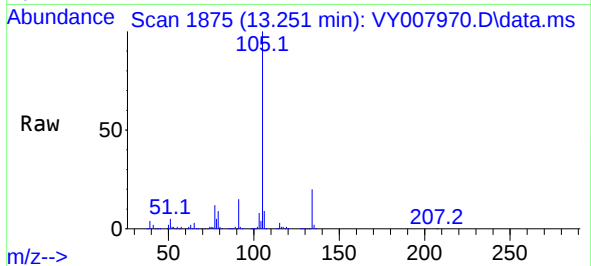




#85  
 sec-Butylbenzene  
 Concen: 21.220 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY007970.D  
 Acq: 21 Mar 2022 22:23

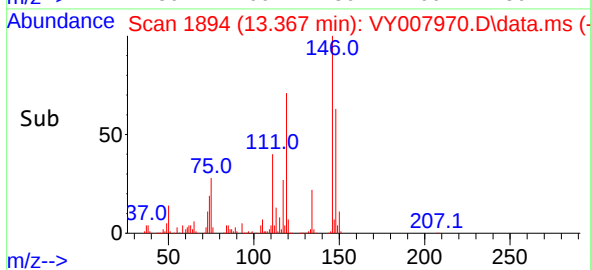
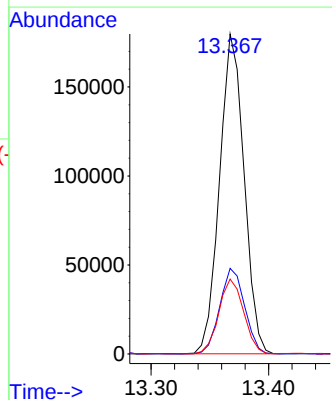
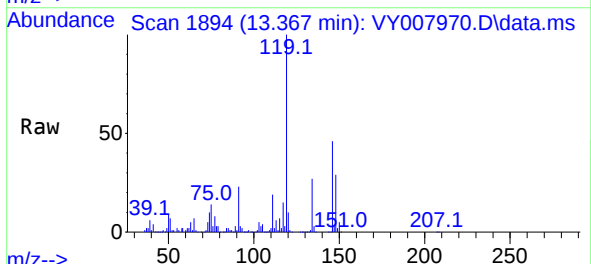
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0321SBS02

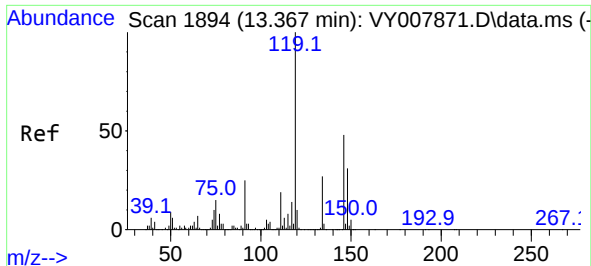
Tgt Ion:105 Resp: 328634  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 20.718 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY007970.D  
 Acq: 21 Mar 2022 22:23

Tgt Ion:119 Resp: 260488  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.2 39.5  
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.501 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0321SBS02

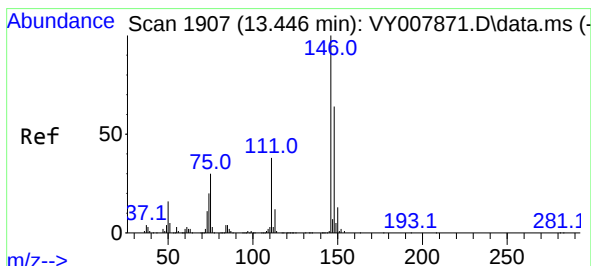
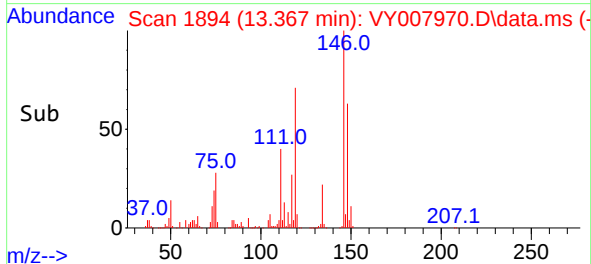
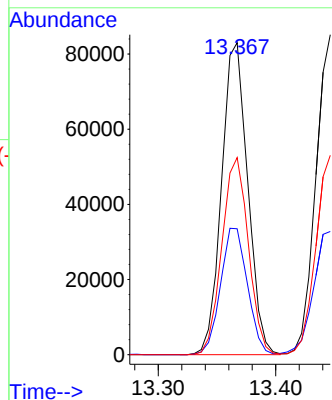
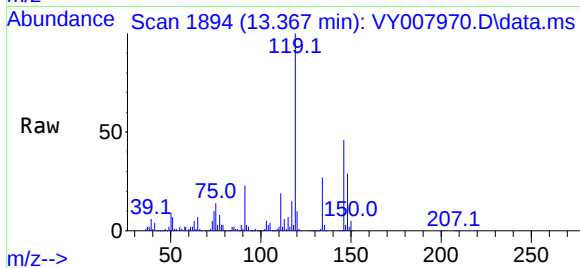
Tgt Ion:146 Resp: 128481

Ion Ratio Lower Upper

146 100

111 41.7 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.797 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

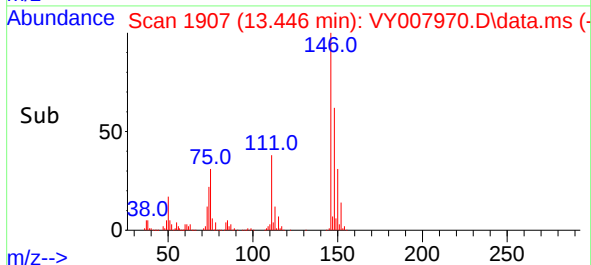
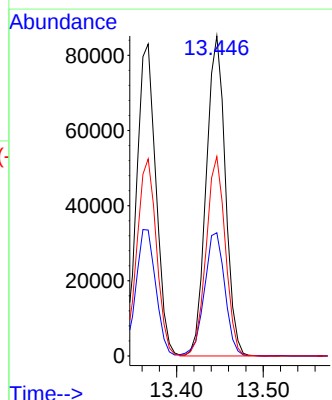
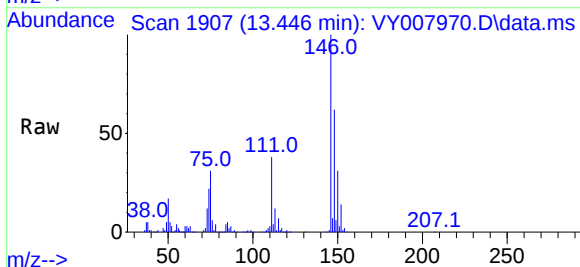
Tgt Ion:146 Resp: 130631

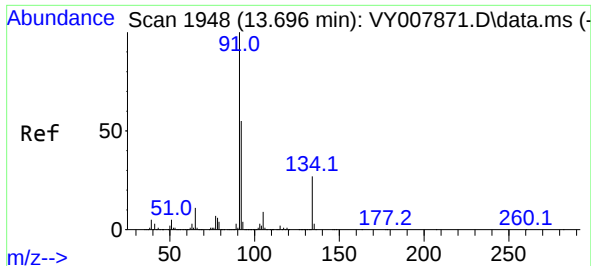
Ion Ratio Lower Upper

146 100

111 41.2 19.3 57.8

148 62.4 32.6 97.8





#89

n-Butylbenzene

Concen: 21.201 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007970.D

Acq: 21 Mar 2022 22:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0321SBS02

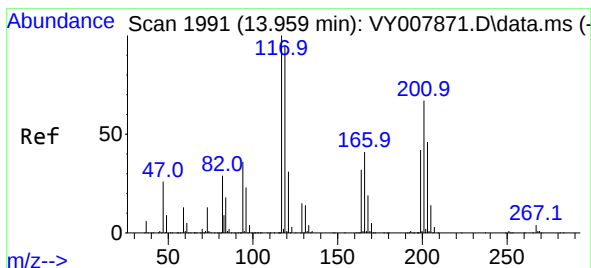
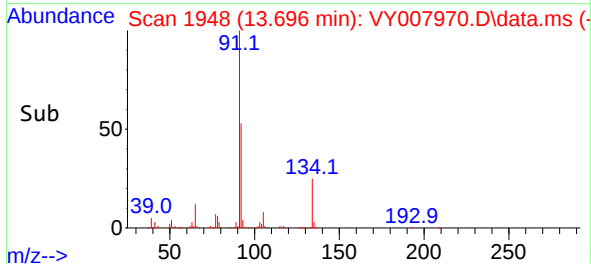
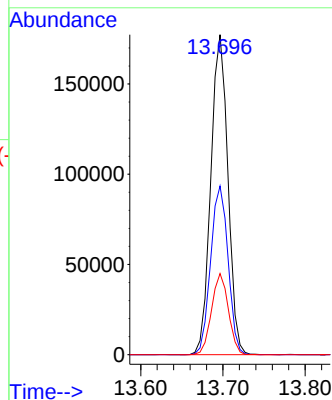
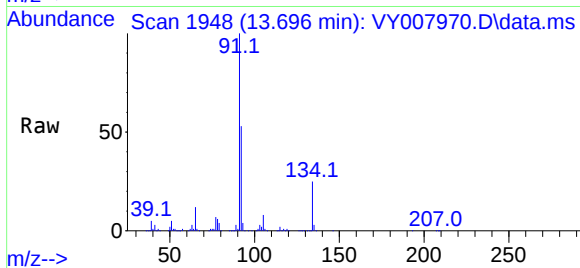
Tgt Ion: 91 Resp: 255811

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 25.0 13.0 38.9



#90

Hexachloroethane

Concen: 20.360 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY007970.D

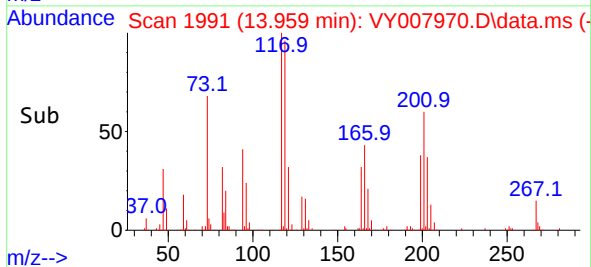
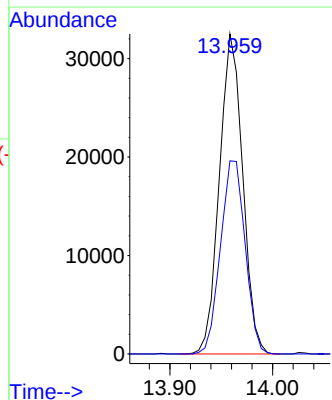
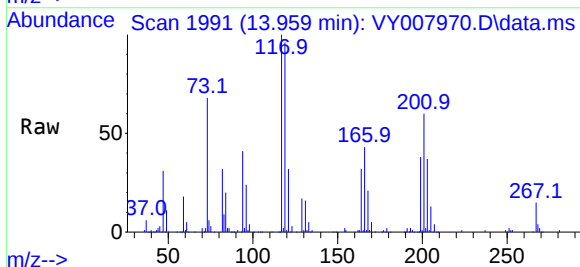
Acq: 21 Mar 2022 22:23

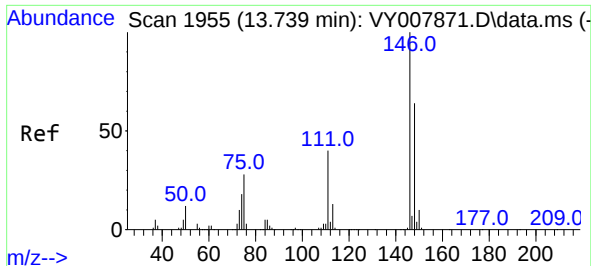
Tgt Ion: 117 Resp: 51094

Ion Ratio Lower Upper

117 100

201 64.1 43.0 128.8

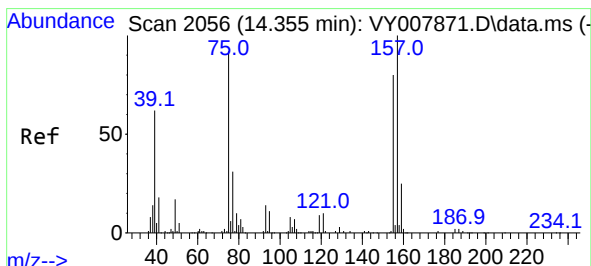
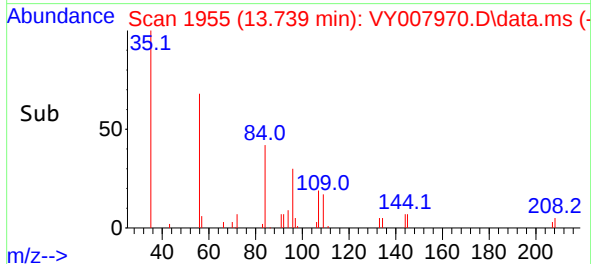
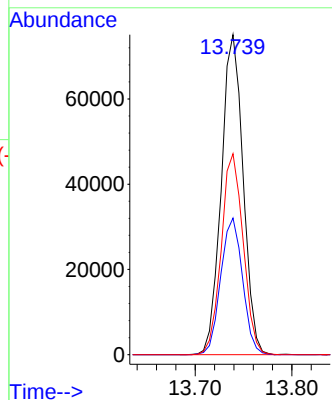
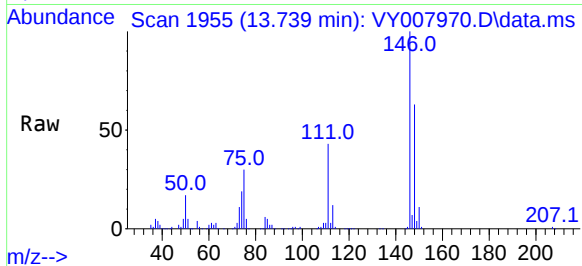




#91  
1,2-Dichlorobenzene  
Concen: 20.858 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

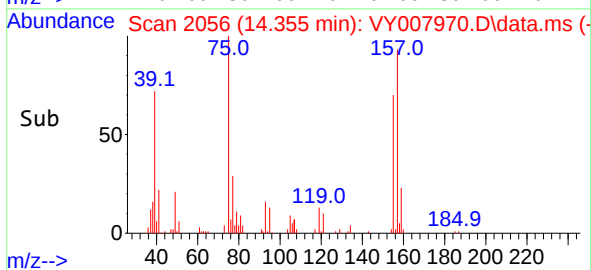
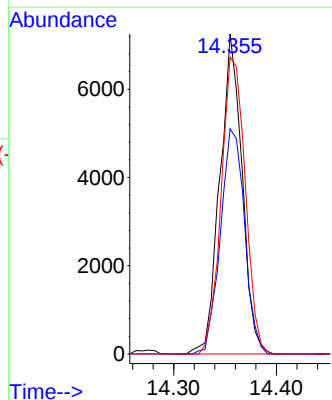
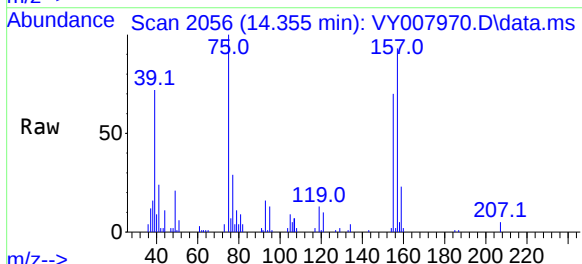
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

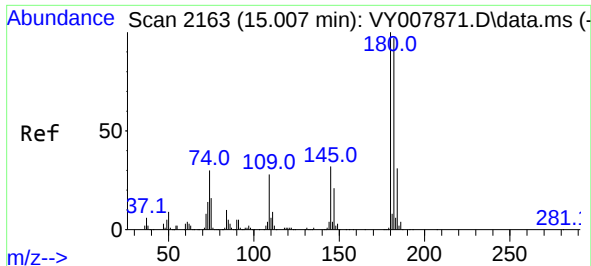
Tgt Ion:146 Resp: 117580  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.3 60.9  
148 63.1 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.886 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion: 75 Resp: 10861  
Ion Ratio Lower Upper  
75 100  
155 76.2 38.0 113.9  
157 100.5 47.8 143.3

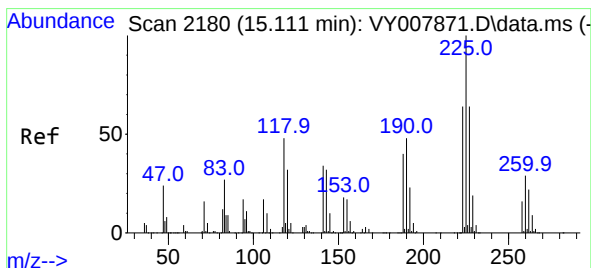
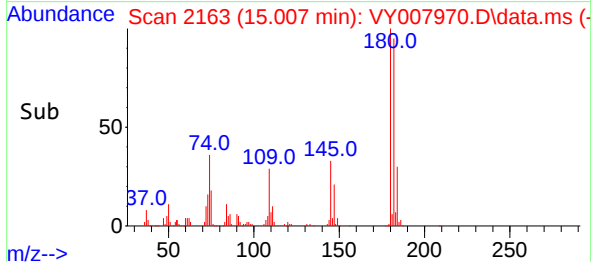
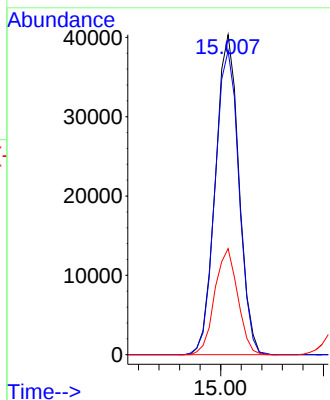
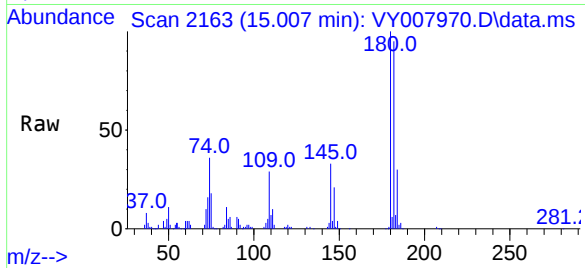




#93  
1,2,4-Trichlorobenzene  
Concen: 17.952 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

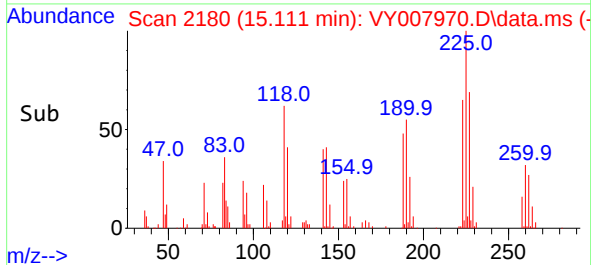
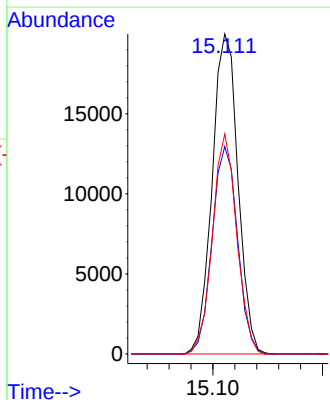
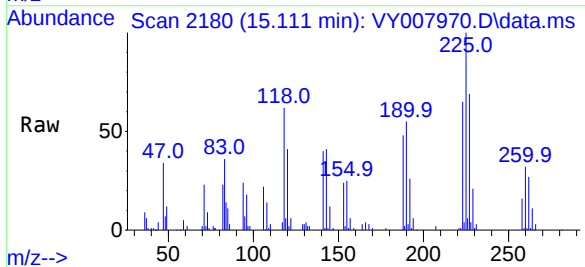
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

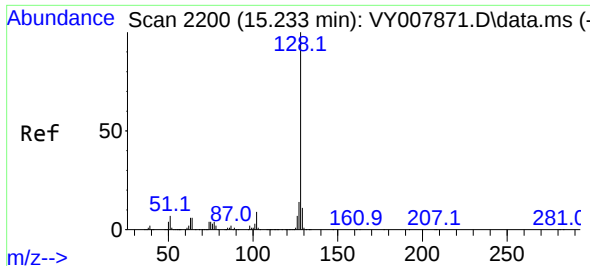
Tgt Ion:180 Resp: 63972  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.3 141.9  
145 32.4 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 17.183 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:225 Resp: 32667  
Ion Ratio Lower Upper  
225 100  
223 63.7 30.8 92.3  
227 64.6 31.6 94.7

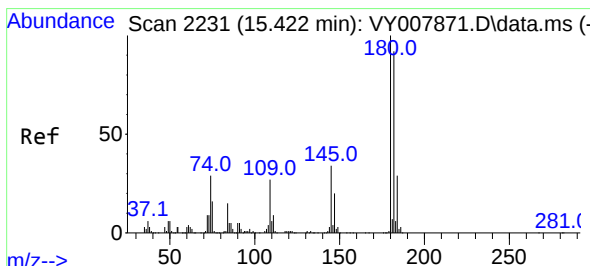
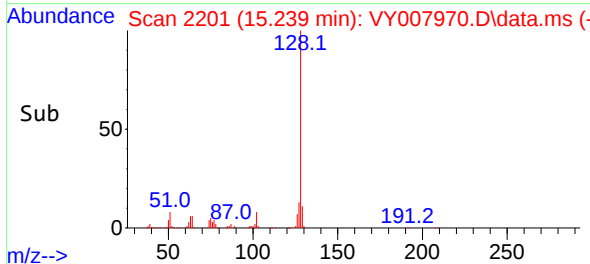
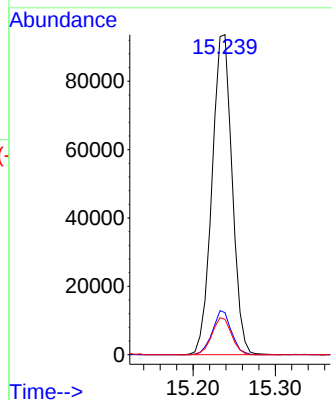
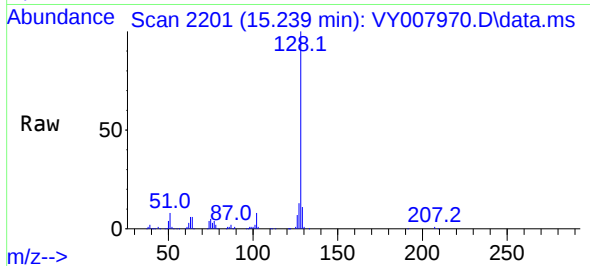




#95  
Naphthalene  
Concen: 19.932 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0321SBS02

Tgt Ion:128 Resp: 158471  
Ion Ratio Lower Upper  
128 100  
127 13.0 11.0 16.4  
129 11.2 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 18.298 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY007970.D  
Acq: 21 Mar 2022 22:23

Tgt Ion:180 Resp: 57509  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.3 141.9  
145 34.6 15.3 45.9

