

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040622\  
 Data File : VY008227.D  
 Acq On : 06 Apr 2022 12:12  
 Operator : SY/MD  
 Sample : VY0406SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0406SBS02

Quant Time: Apr 07 02:10:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 146295   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 250367   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 227370   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 110369   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 66560    | 45.347   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 90.700% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 71745    | 45.705   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 91.420% |
| 50) Toluene-d8              | 10.179 | 98    | 264537   | 44.731   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 89.460% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 91428    | 43.819   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 87.640% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 23992  | 18.192 | ug/l   | 98  |
| 3) Chloromethane             | 2.113 | 50  | 31931  | 19.883 | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.253 | 62  | 41730  | 19.530 | ug/l   | 98  |
| 5) Bromomethane              | 2.644 | 94  | 36352  | 20.759 | ug/l   | 96  |
| 6) Chloroethane              | 2.790 | 64  | 27795  | 19.775 | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 48096  | 17.794 | ug/l   | 95  |
| 8) Diethyl Ether             | 3.521 | 74  | 15924  | 18.192 | ug/l   | 76  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 29845  | 17.800 | ug/l   | 93  |
| 10) Methyl Iodide            | 4.088 | 142 | 31021  | 17.000 | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.960 | 59  | 12526  | 82.253 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 27874  | 17.958 | ug/l   | 84  |
| 13) Acrolein                 | 3.729 | 56  | 8769   | 70.745 | ug/l   | 96  |
| 14) Allyl chloride           | 4.479 | 41  | 36295  | 17.772 | ug/l # | 91  |
| 15) Acrylonitrile            | 5.155 | 53  | 38354  | 91.991 | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 29984  | 89.373 | ug/l # | 84  |
| 17) Carbon Disulfide         | 4.192 | 76  | 77755  | 17.679 | ug/l   | 97  |
| 18) Methyl Acetate           | 4.472 | 43  | 17976  | 15.344 | ug/l # | 85  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 80240  | 18.190 | ug/l   | 96  |
| 20) Methylene Chloride       | 4.716 | 84  | 39144  | 20.123 | ug/l # | 74  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 33384  | 18.575 | ug/l # | 81  |
| 22) Diisopropyl ether        | 6.119 | 45  | 82823  | 18.851 | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.058 | 43  | 259131 | 95.183 | ug/l # | 87  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 53801  | 18.496 | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 45651  | 89.416 | ug/l # | 78  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 48747  | 17.696 | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 39145  | 18.790 | ug/l   | 80  |
| 28) Bromochloromethane       | 7.332 | 49  | 19232  | 20.054 | ug/l # | 72  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 30356  | 91.456 | ug/l # | 74  |
| 30) Chloroform               | 7.509 | 83  | 59150  | 18.780 | ug/l   | 100 |
| 31) Cyclohexane              | 7.783 | 56  | 47267  | 17.228 | ug/l # | 79  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 51837  | 17.813 | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 44828  | 18.180 | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.070 | 43  | 21193  | 18.399 | ug/l # | 88  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 45605  | 16.972 | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.185 | 83  | 55873  | 16.788 | ug/l # | 83  |
| 40) Benzene                  | 8.161 | 78  | 130144 | 18.452 | ug/l   | 94  |

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 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 28009    | 48.426  | ug/l # | 18       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 35987    | 18.188  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 38856    | 17.184  | ug/l # | 84       |
| 44) Trichloroethene           | 8.941  | 130  | 36445    | 17.869  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 31172    | 18.753  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 19981    | 18.281  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.496  | 83   | 44269    | 17.713  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.289  | 41   | 16759    | 16.733  | ug/l # | 77       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 5204     | 358.158 | ug/l # | 71       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 100980   | 88.542  | ug/l # | 83       |
| 52) Toluene                   | 10.246 | 92   | 84429    | 18.253  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 44707    | 17.450  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 51557    | 17.777  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 28136    | 18.643  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 34275    | 17.410  | ug/l # | 74       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 45551    | 18.441  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 70625    | 86.584  | ug/l   | 90       |
| 59) 2-Hexanone                | 10.831 | 43   | 71378    | 89.441  | ug/l   | 81       |
| 60) Dibromochloromethane      | 10.983 | 129  | 32658    | 17.792  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 27138    | 18.055  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 30538    | 17.487  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 93849    | 18.306  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 33024    | 17.463  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 161632   | 17.988  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 128378   | 35.930  | ug/l   | 90       |
| 69) o-Xylene                  | 12.026 | 106  | 60541    | 17.697  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 101912   | 18.198  | ug/l   | 92       |
| 71) Bromoform                 | 12.209 | 173  | 19081    | 16.712  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 161104   | 17.684  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 33368    | 16.663  | ug/l # | 81       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 32413    | 18.305  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 39834    | 29.607  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 37480    | 17.933  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 194882   | 18.136  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 104779   | 17.578  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 133143   | 17.840  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 9882     | 16.388  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 111891   | 18.294  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 116169   | 17.472  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 131525   | 18.097  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 176037   | 17.937  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 145868   | 17.859  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 75079    | 18.120  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 75324    | 18.228  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 134409   | 17.886  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 25639    | 16.201  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 65901    | 18.065  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 4715     | 16.683  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 38136    | 17.454  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 19851    | 17.174  | ug/l   | 96       |
| 95) Naphthalene               | 15.239 | 128  | 80669    | 16.703  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 32348    | 17.111  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Sat Mar 26 03:24:51 2022  
Response via : Initial Calibration

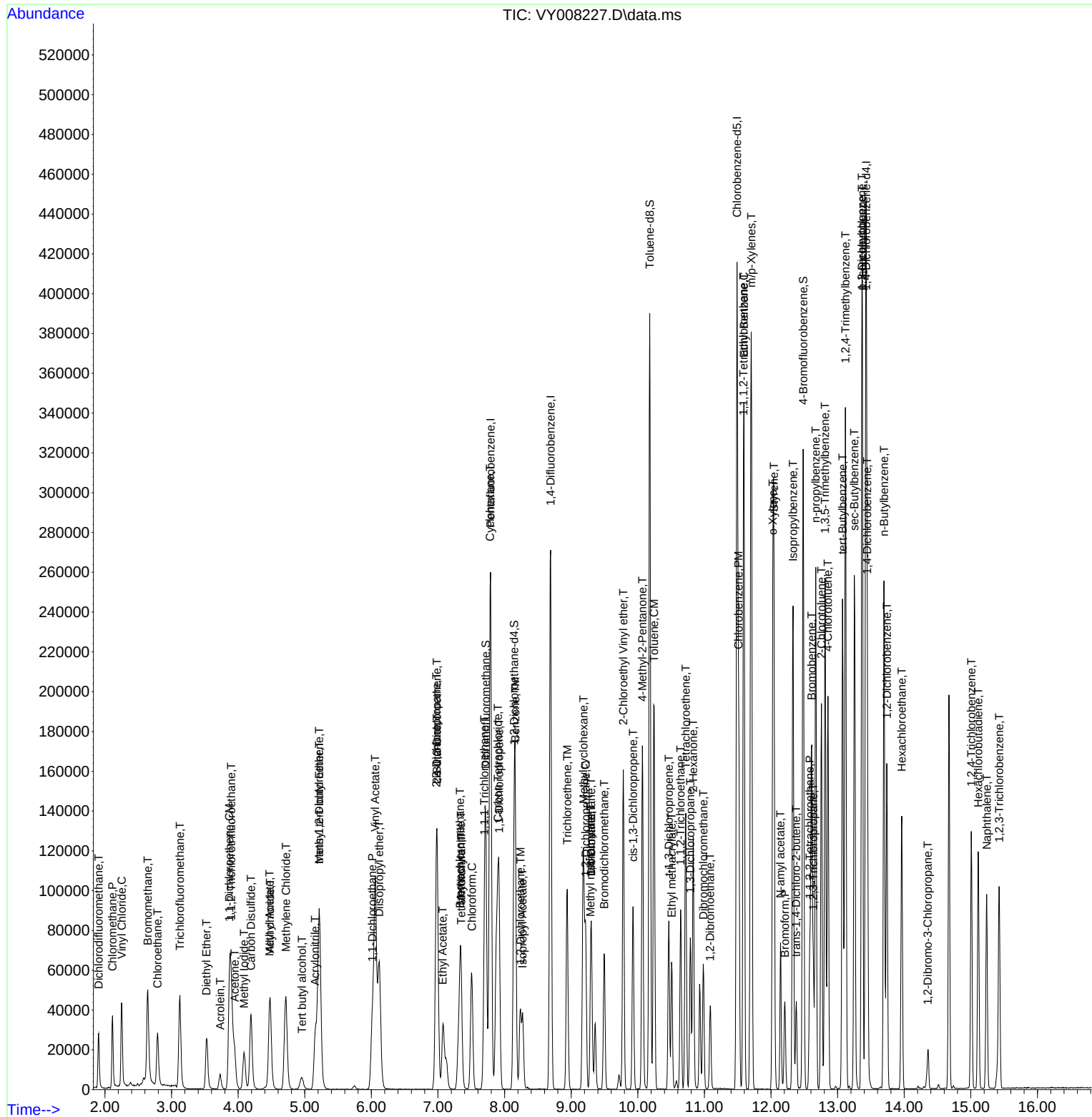
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

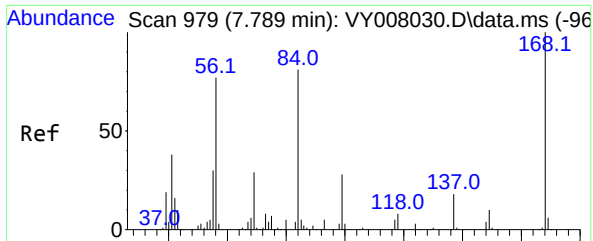
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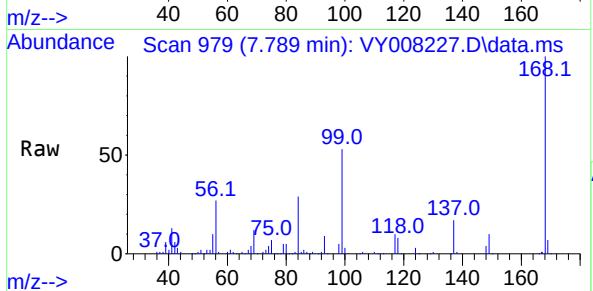
Quant Time: Apr 07 02:10:02 2022  
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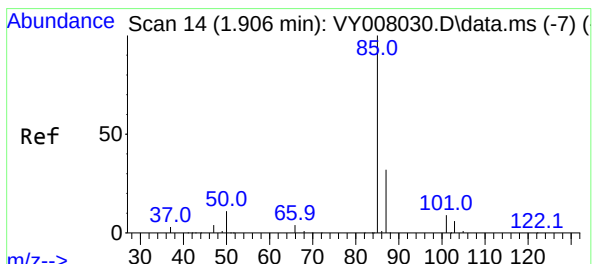
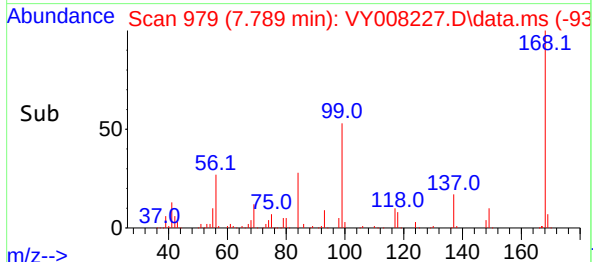
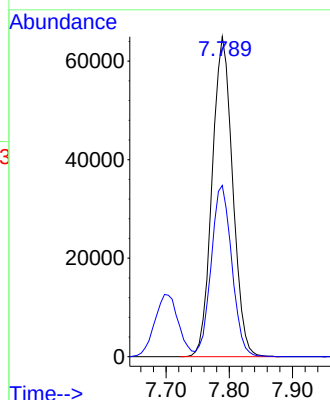


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
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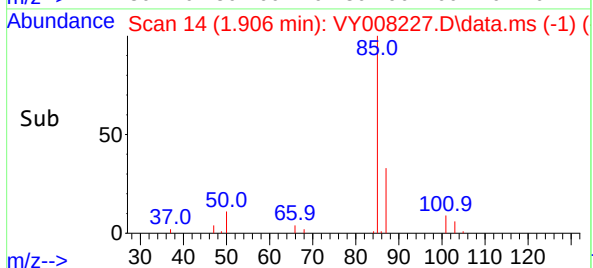
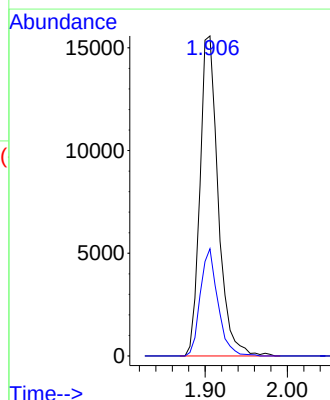
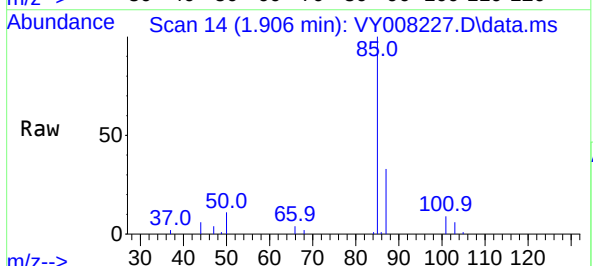


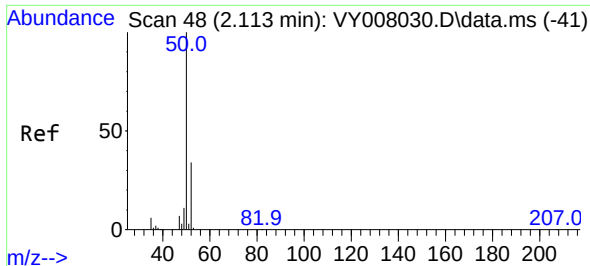
Tgt Ion:168 Resp: 146295  
Ion Ratio Lower Upper  
168 100  
99 53.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 18.192 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 85 Resp: 23992  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.1 48.2

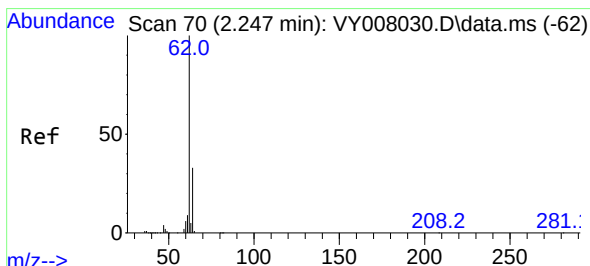
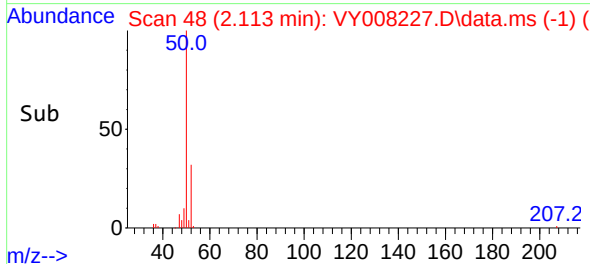
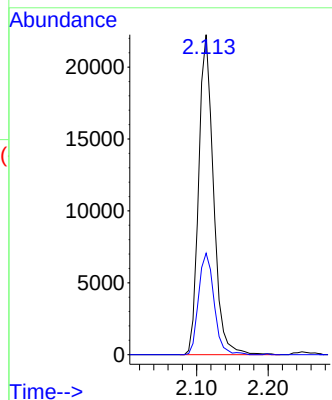
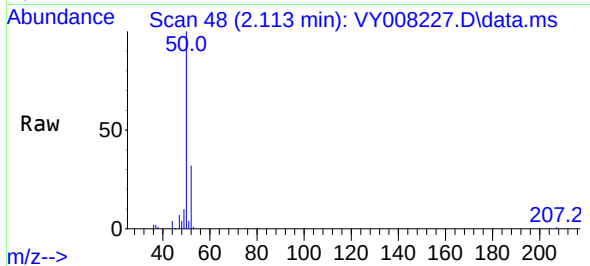




#3  
Chloromethane  
Concen: 19.883 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

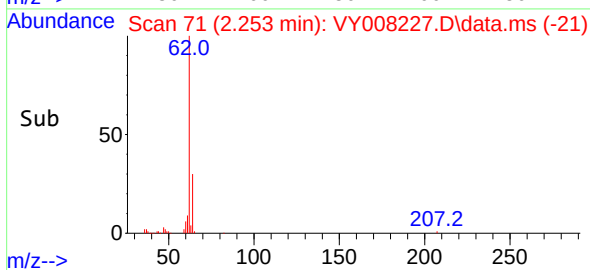
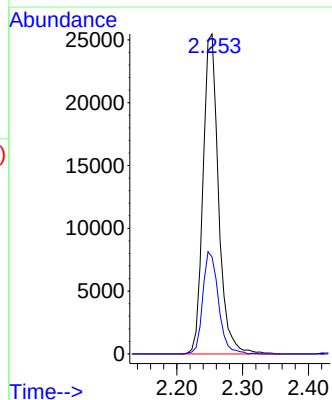
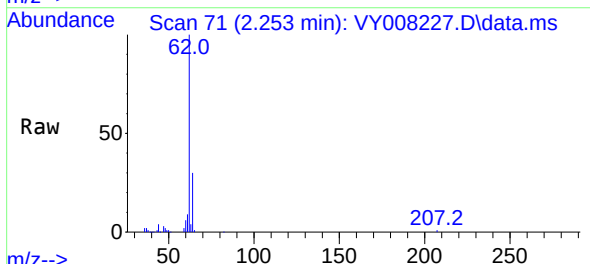
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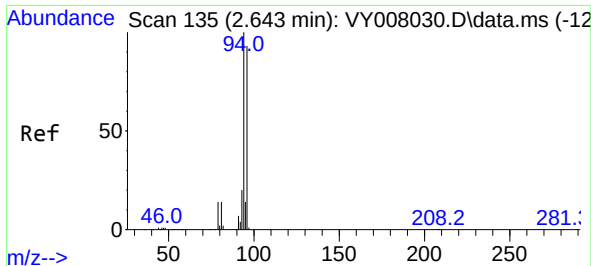
Tgt Ion: 50 Resp: 31931  
Ion Ratio Lower Upper  
50 100  
52 31.7 24.6 37.0



#4  
Vinyl Chloride  
Concen: 19.530 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 62 Resp: 41730  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.0 37.6

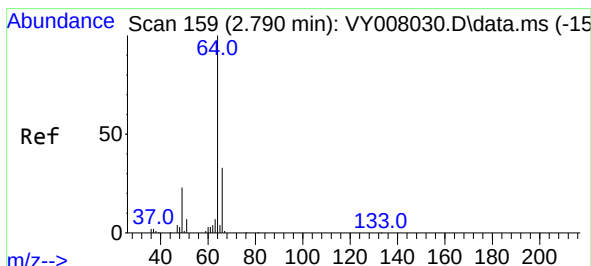
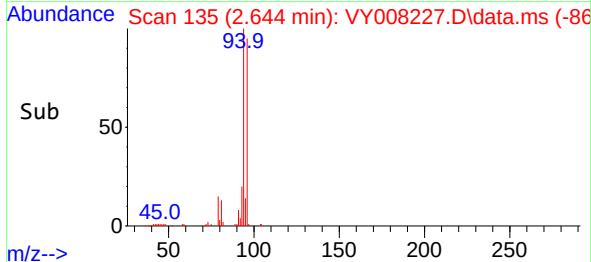
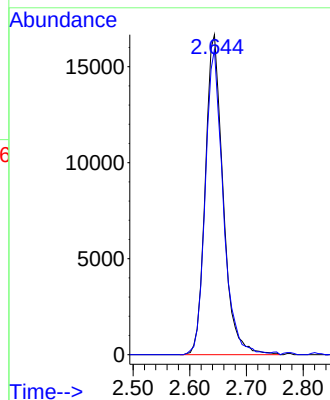
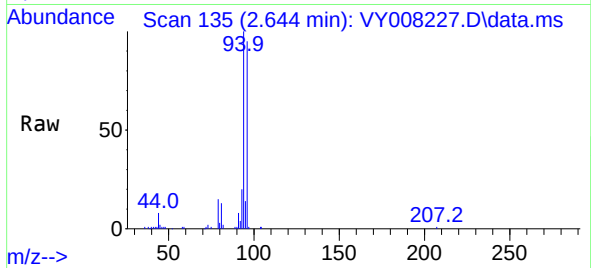




#5  
Bromomethane  
Concen: 20.759 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008227.D  
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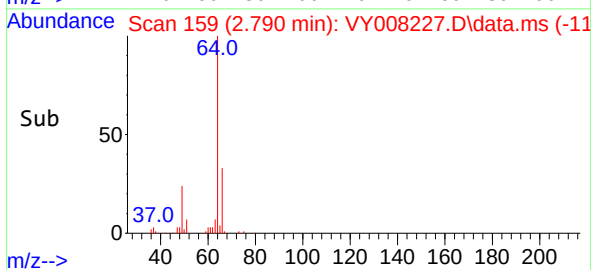
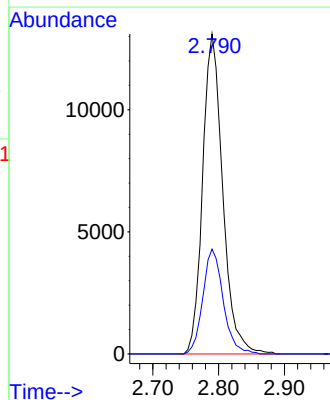
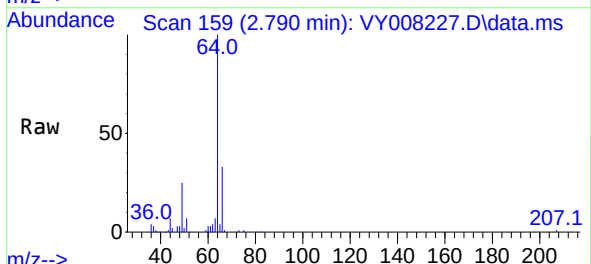
Instrument :  
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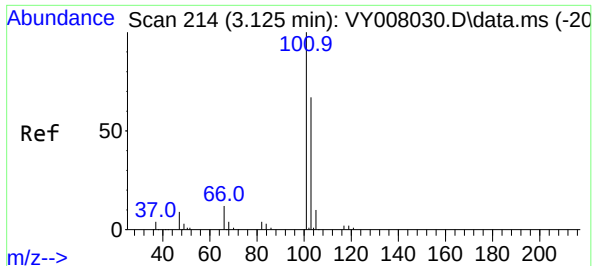
Tgt Ion: 94 Resp: 36352  
Ion Ratio Lower Upper  
94 100  
96 95.4 73.5 110.3



#6  
Chloroethane  
Concen: 19.775 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 64 Resp: 27795  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.4 38.0

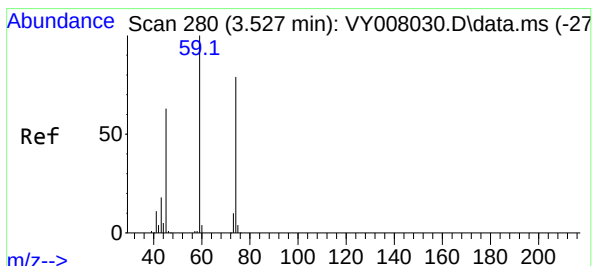
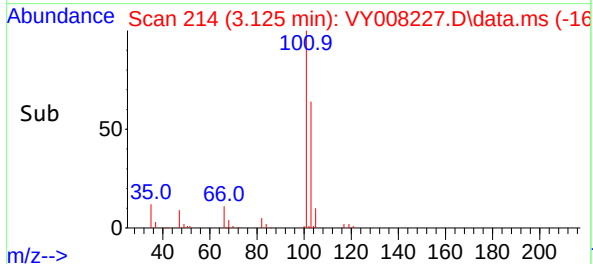
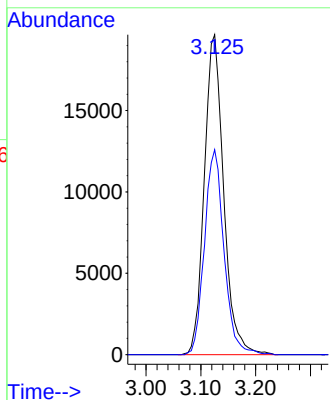
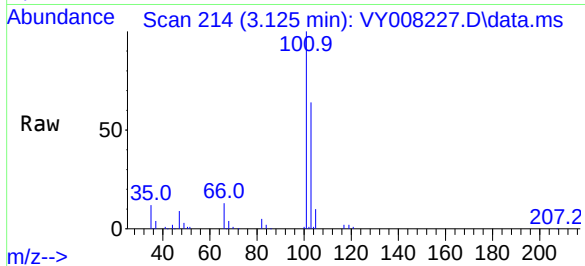




#7  
Trichlorofluoromethane  
Concen: 17.794 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

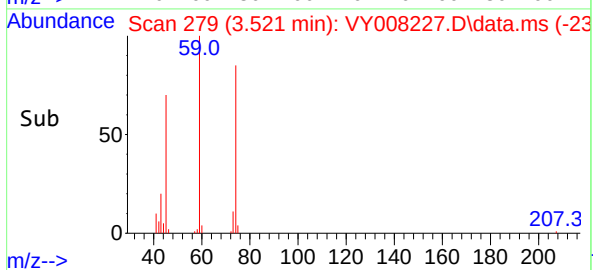
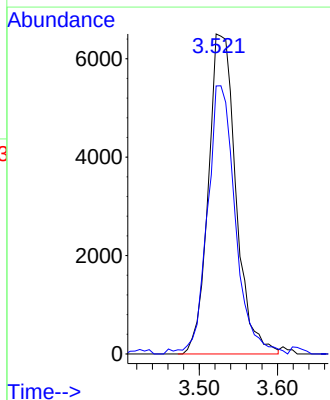
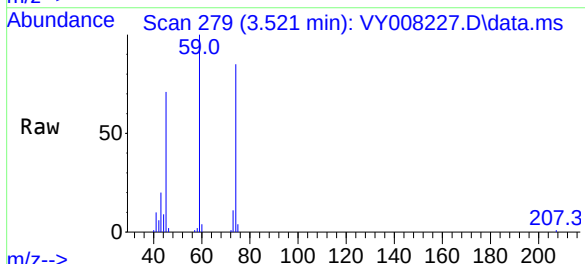
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

Tgt Ion:101 Resp: 48096  
Ion Ratio Lower Upper  
101 100  
103 64.1 48.0 72.0

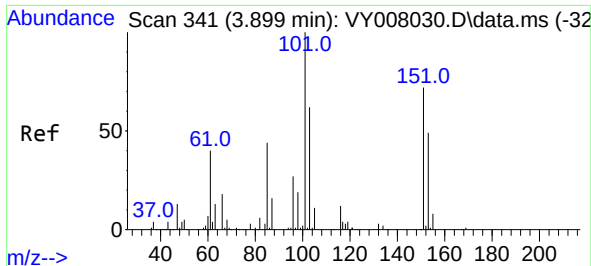


#8  
Diethyl Ether  
Concen: 18.192 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 74 Resp: 15924  
Ion Ratio Lower Upper  
74 100  
45 84.8 55.1 165.5



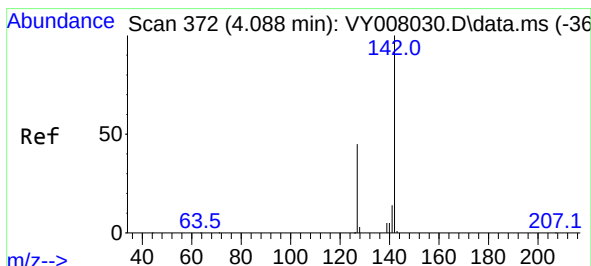
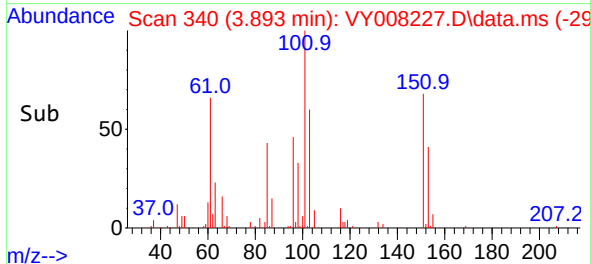
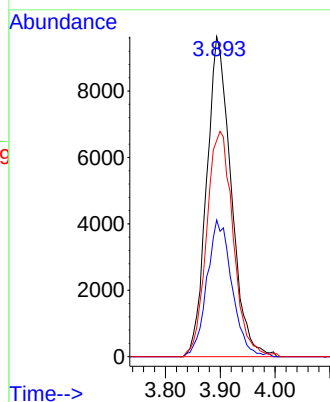
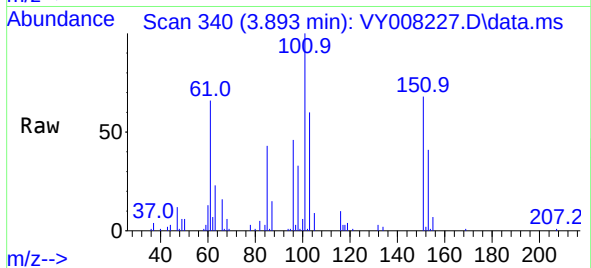




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.800 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

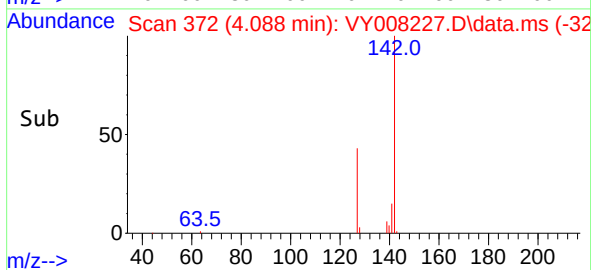
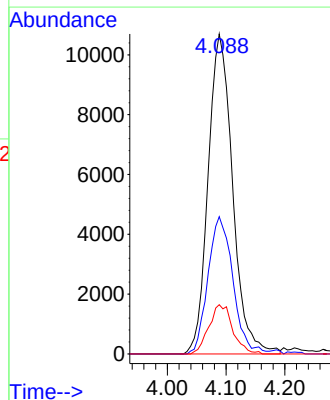
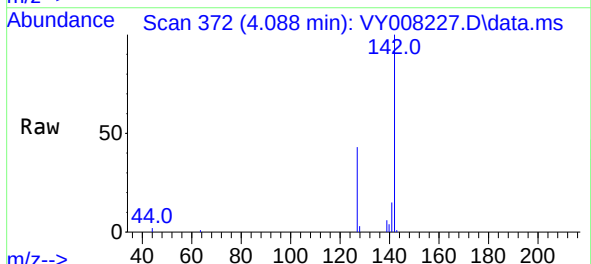
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

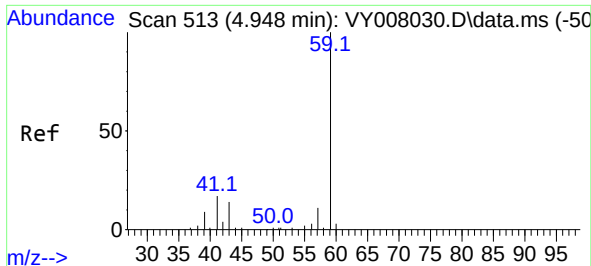
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 29845       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 43.7  | 40.6 60.8   |
| 151         | 76.4  | 64.9 97.3   |



#10  
Methyl Iodide  
Concen: 17.000 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 31021       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 43.5  | 41.5 62.3   |
| 141         | 15.0  | 11.9 17.9   |

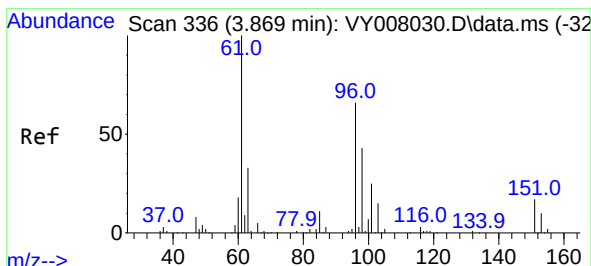
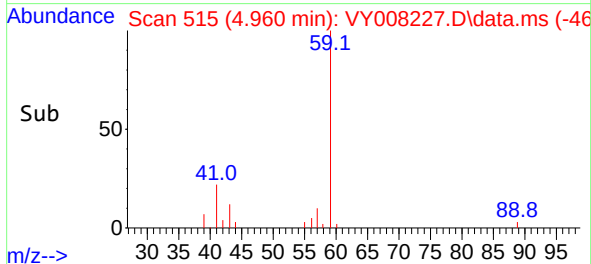
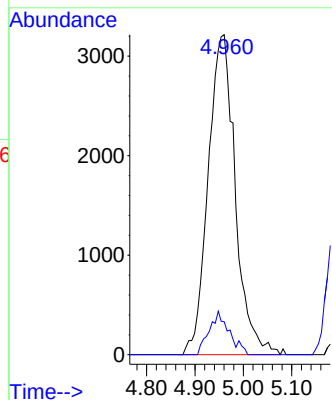
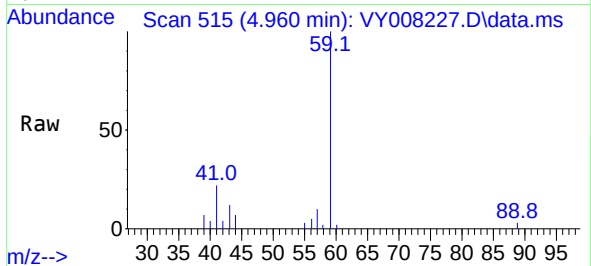




#11  
Tert butyl alcohol  
Concen: 82.253 ug/l  
RT: 4.960 min Scan# 513  
Delta R.T. 0.012 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

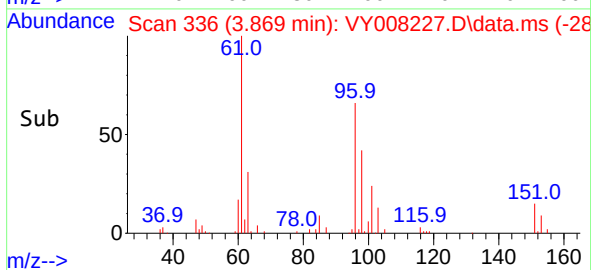
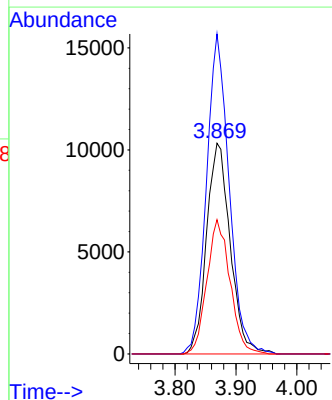
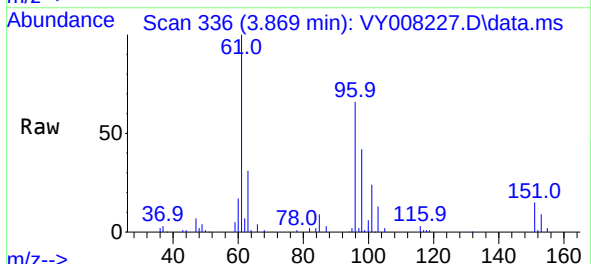
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

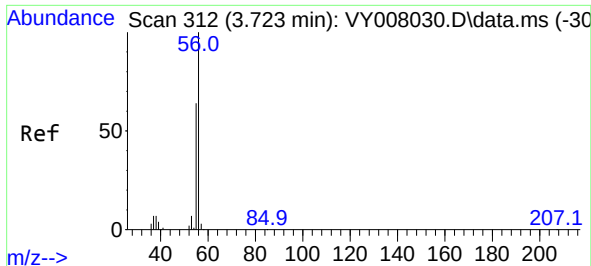
Tgt Ion: 59 Resp: 12526  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 17.958 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 96 Resp: 27874  
Ion Ratio Lower Upper  
96 100  
61 151.9 145.8 218.6  
98 63.7 52.5 78.7

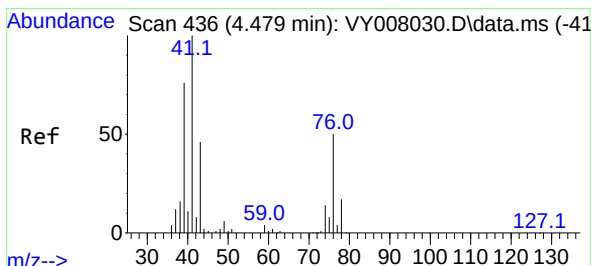
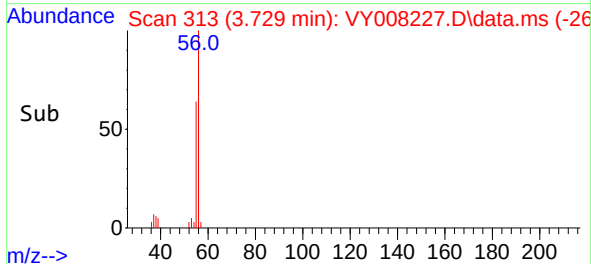
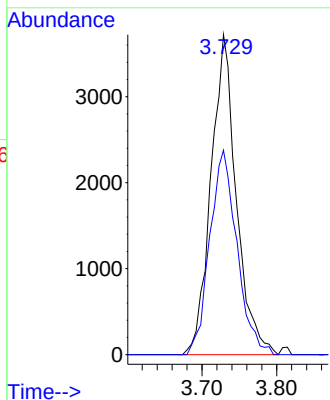
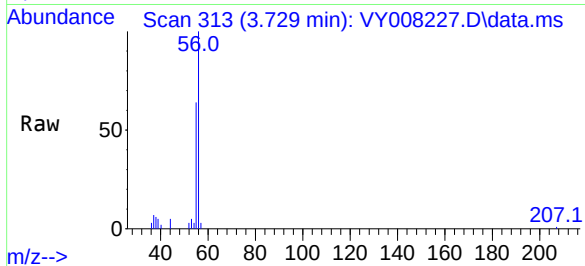




#13  
Acrolein  
Concen: 70.745 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

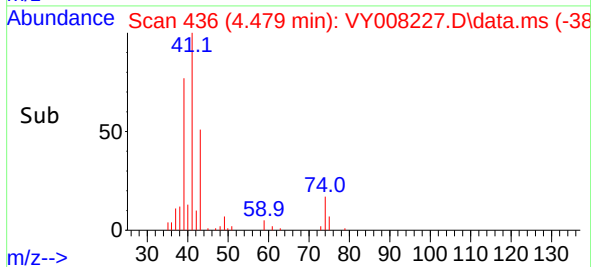
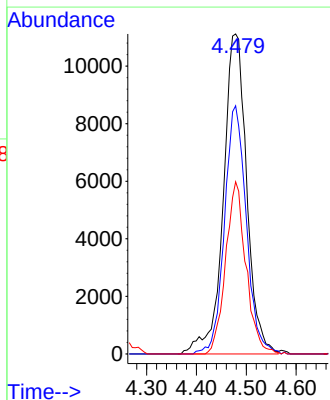
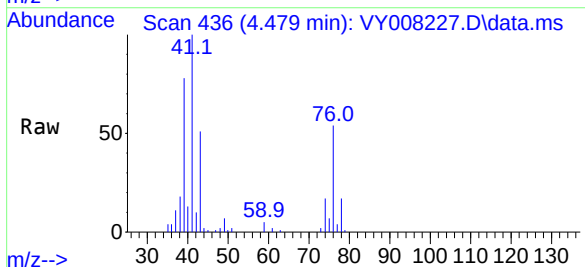
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

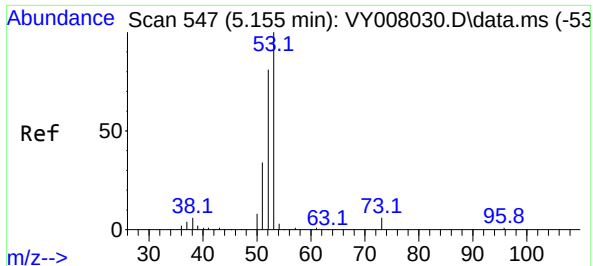
Tgt Ion: 56 Resp: 8769  
Ion Ratio Lower Upper  
56 100  
55 68.6 57.6 86.4



#14  
Allyl chloride  
Concen: 17.772 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 41 Resp: 36295  
Ion Ratio Lower Upper  
41 100  
39 72.3 58.8 88.2  
76 46.7 25.1 37.7#

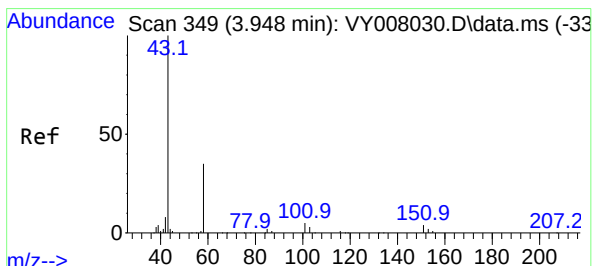
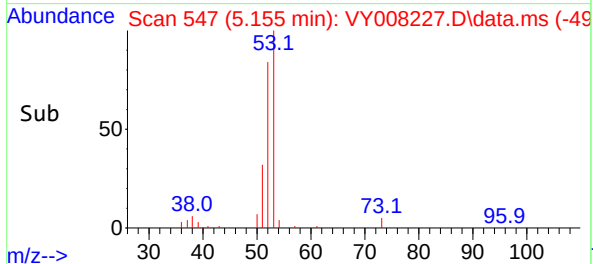
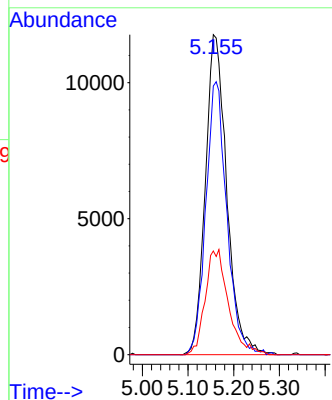
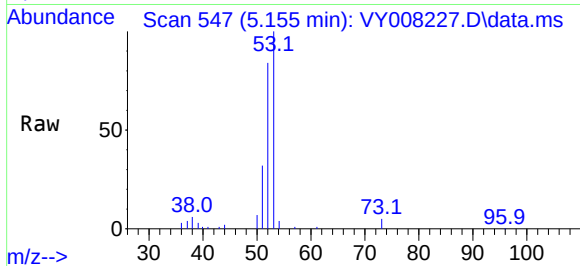




#15  
Acrylonitrile  
Concen: 91.991 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

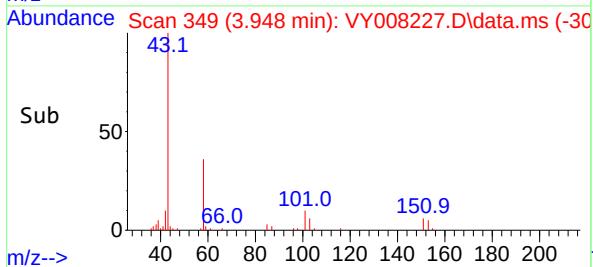
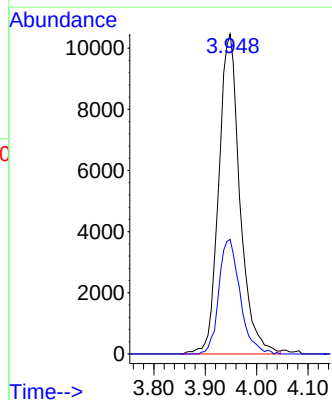
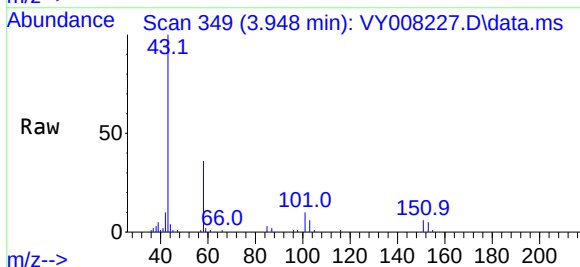
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

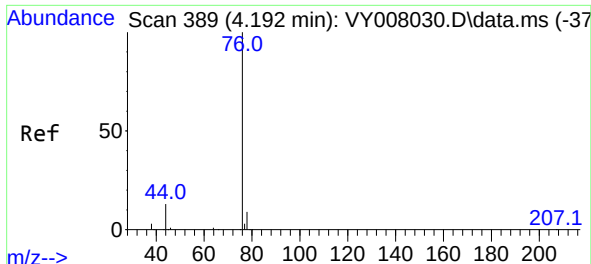
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 38354 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.7  | 67.0  | 100.4 |
| 51       | 35.5  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 89.373 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 29984 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.8  | 22.0  | 33.0# |

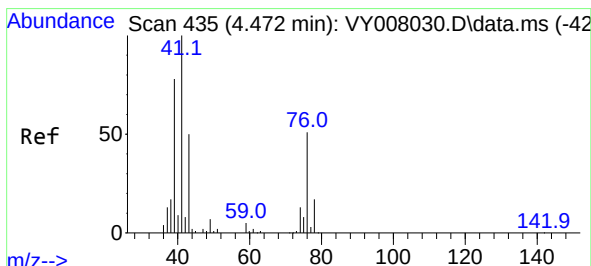
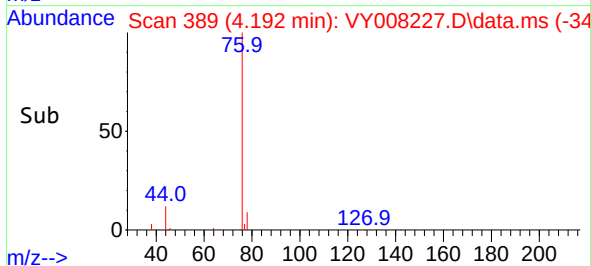
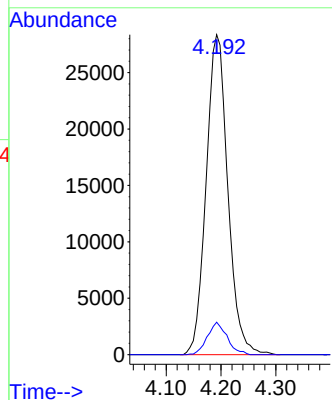
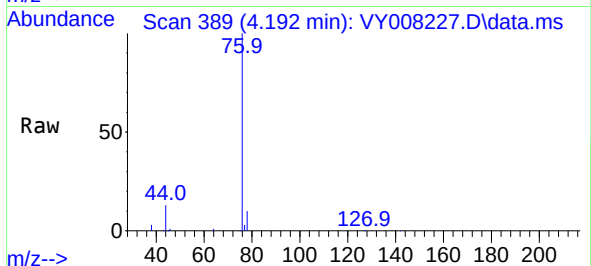




#17  
Carbon Disulfide  
Concen: 17.679 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

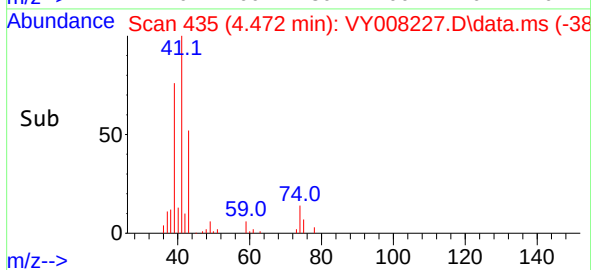
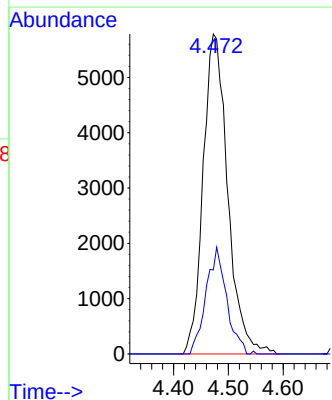
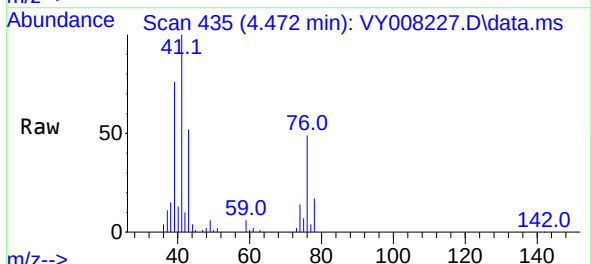
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

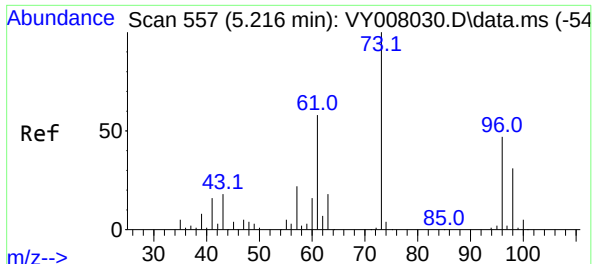
Tgt Ion: 76 Resp: 77755  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 15.344 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 43 Resp: 17976  
Ion Ratio Lower Upper  
43 100  
74 27.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 18.190 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

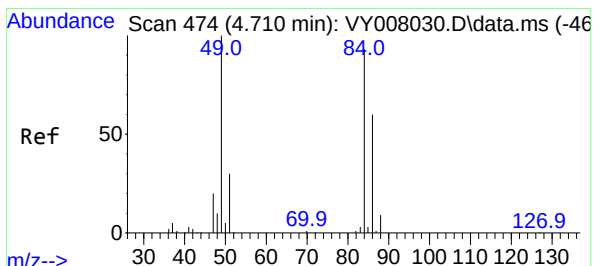
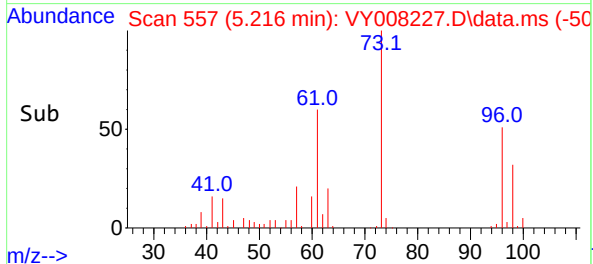
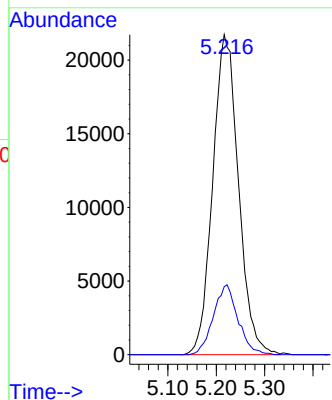
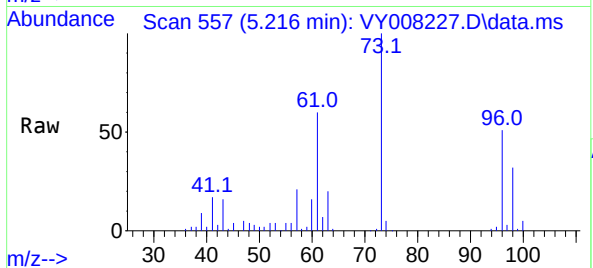
VY0406SBS02

Tgt Ion: 73 Resp: 80240

Ion Ratio Lower Upper

73 100

57 21.3 18.6 27.8



#20

Methylene Chloride

Concen: 20.123 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Tgt Ion: 84 Resp: 39144

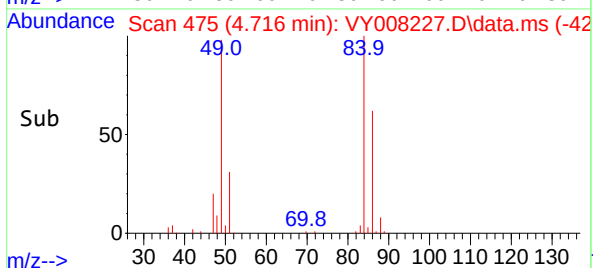
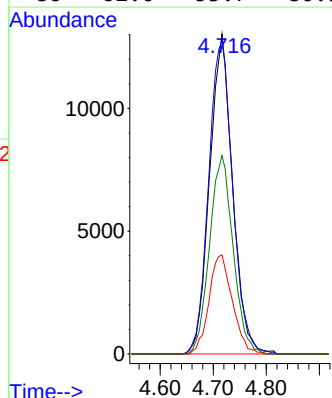
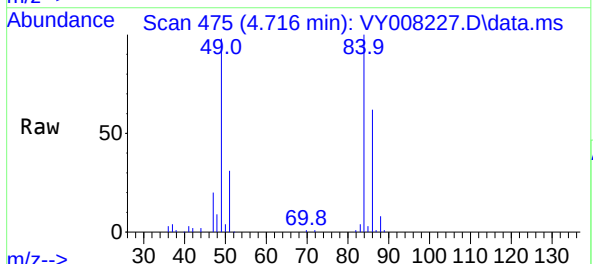
Ion Ratio Lower Upper

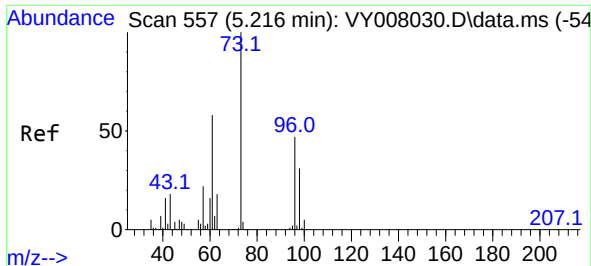
84 100

49 98.0 114.4 171.6#

51 30.9 35.3 52.9#

86 62.0 53.7 80.5

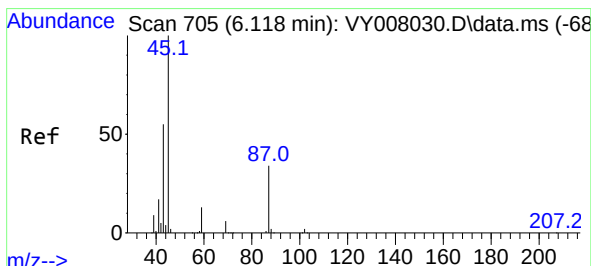
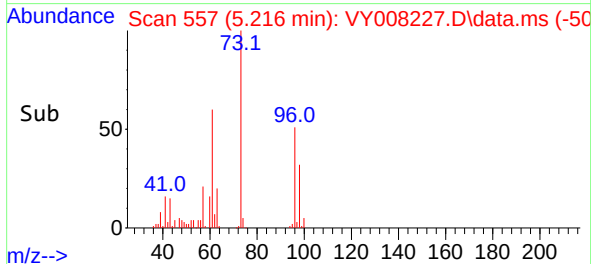
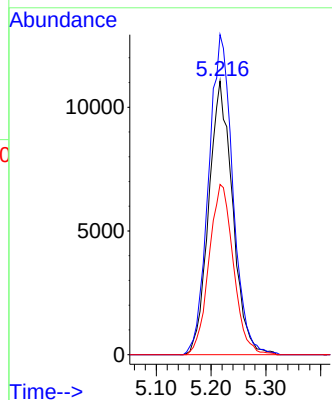
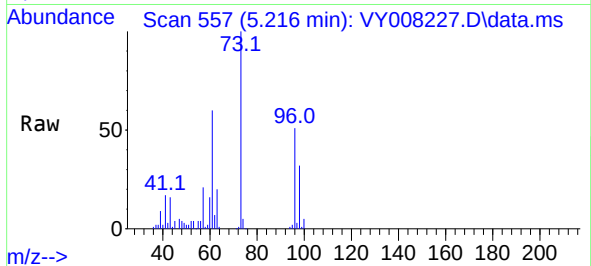




#21  
trans-1,2-Dichloroethene  
Concen: 18.575 ug/l  
RT: 5.216 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

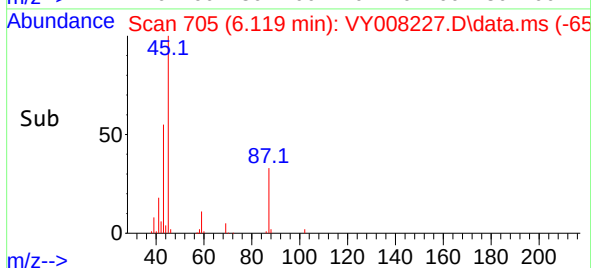
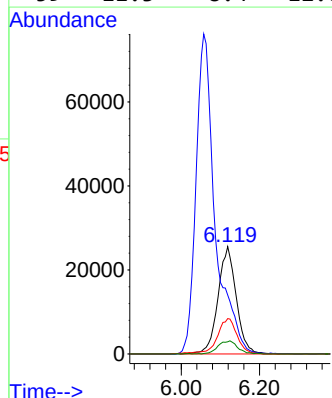
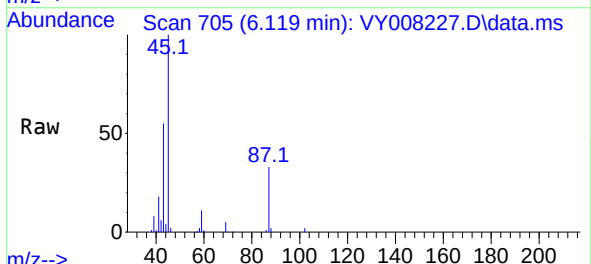
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

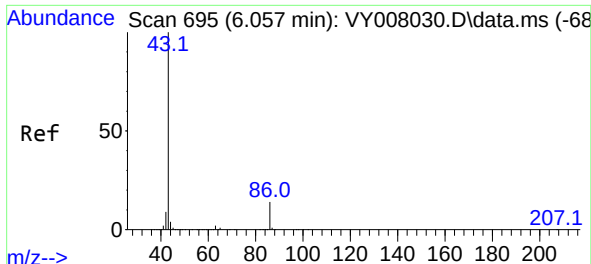
Tgt Ion: 96 Resp: 33384  
Ion Ratio Lower Upper  
96 100  
61 117.0 120.5 180.7#  
98 62.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 18.851 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.001 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 45 Resp: 82823  
Ion Ratio Lower Upper  
45 100  
43 54.4 49.3 73.9  
87 32.9 19.2 28.8#  
59 11.3 8.4 12.6

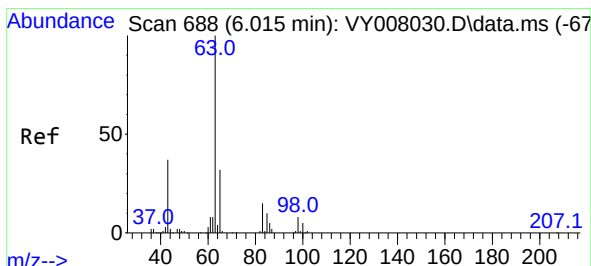
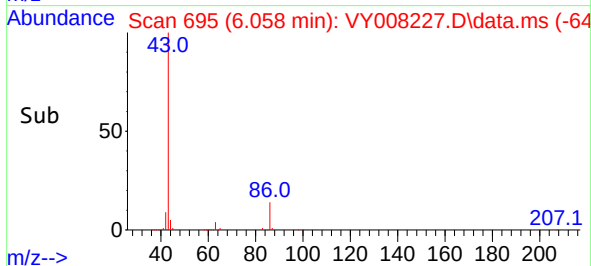
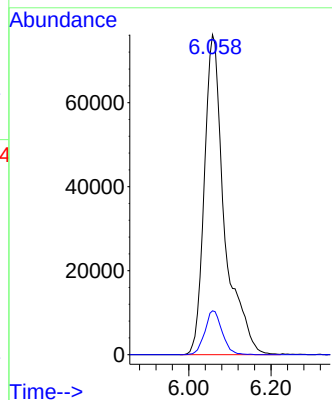
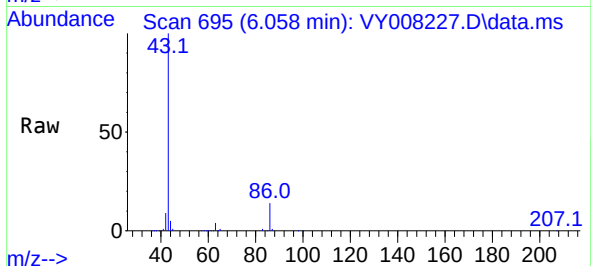




#23  
 Vinyl Acetate  
 Concen: 95.183 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. 0.001 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

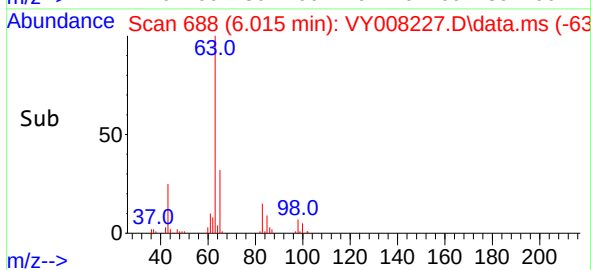
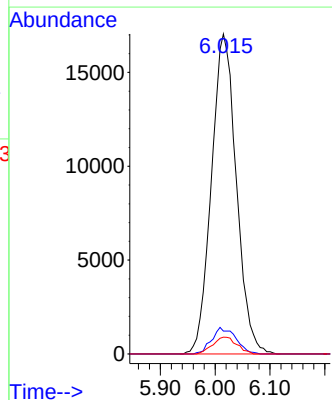
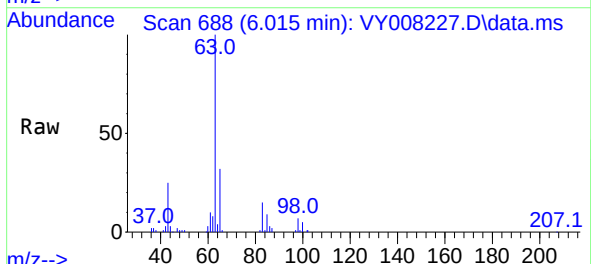
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0406SBS02

Tgt Ion: 43 Resp: 259131  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 7.1 10.7#

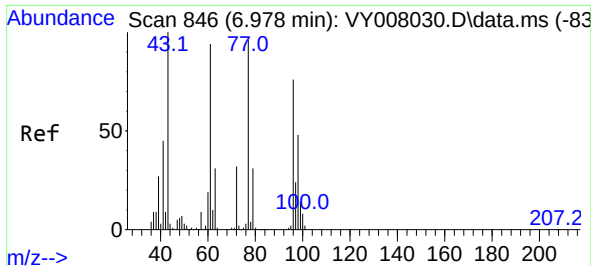


#24  
 1,1-Dichloroethane  
 Concen: 18.496 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

Tgt Ion: 63 Resp: 53801  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.6 10.8  
 100 5.2 2.0 5.8



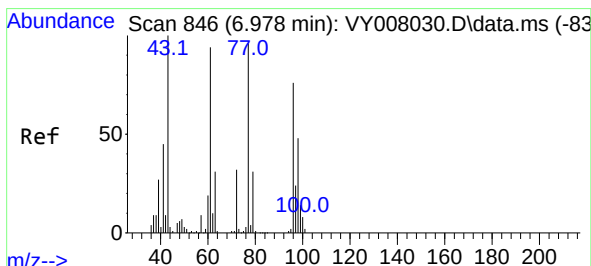
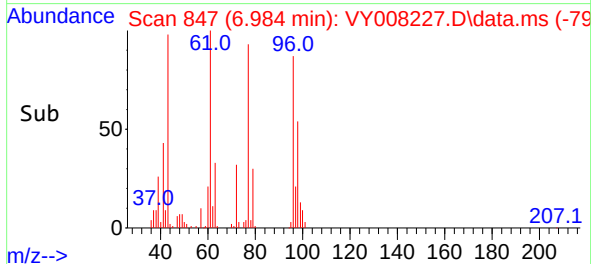
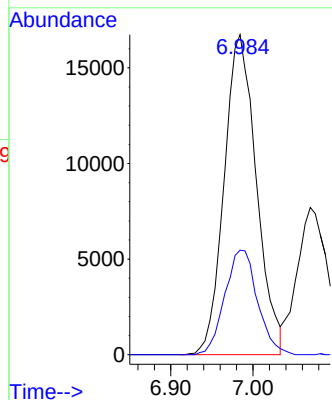
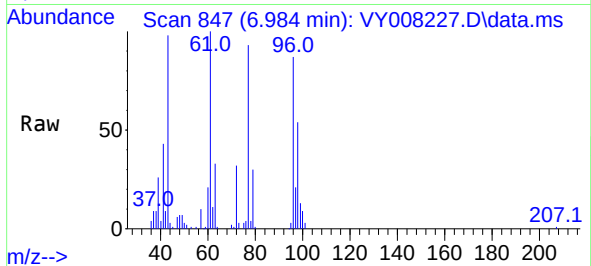




#25  
2-Butanone  
Concen: 89.416 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

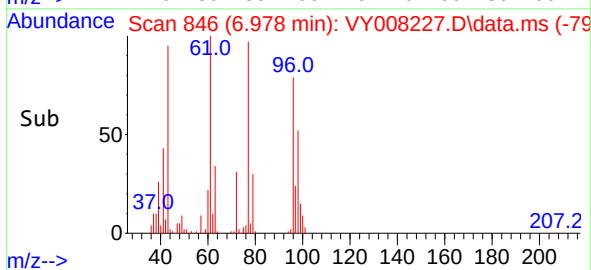
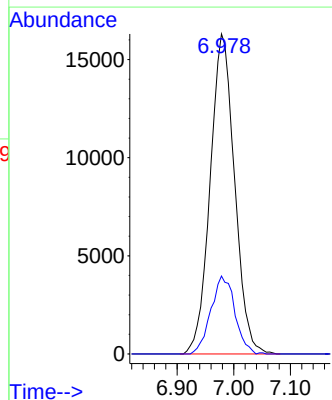
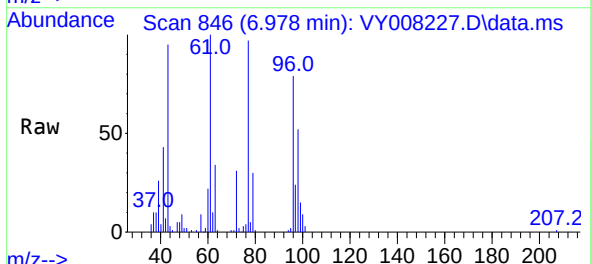
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

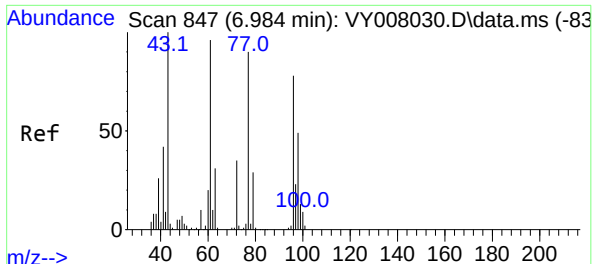
Tgt Ion: 43 Resp: 45651  
Ion Ratio Lower Upper  
43 100  
72 32.6 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 17.696 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 77 Resp: 48747  
Ion Ratio Lower Upper  
77 100  
97 23.9 10.4 31.4

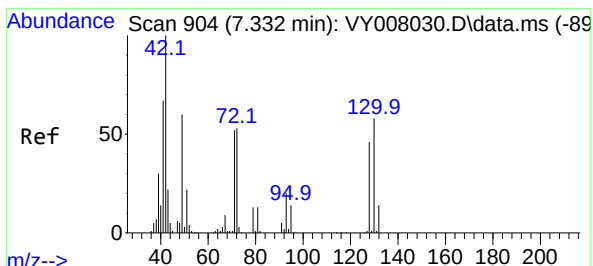
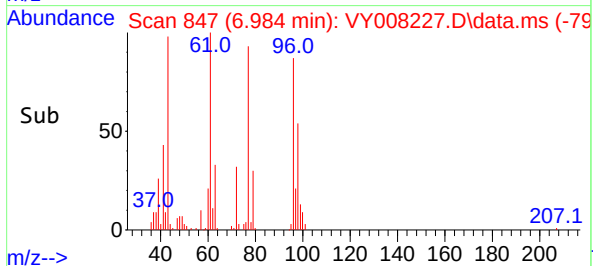
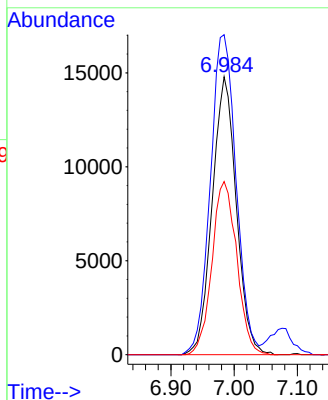
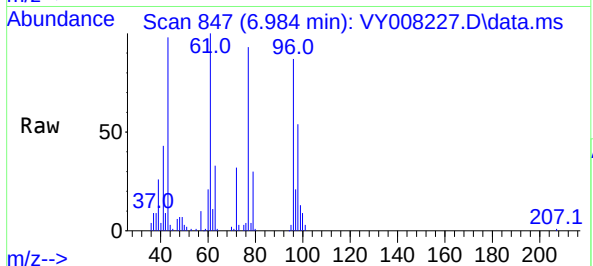




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.790 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

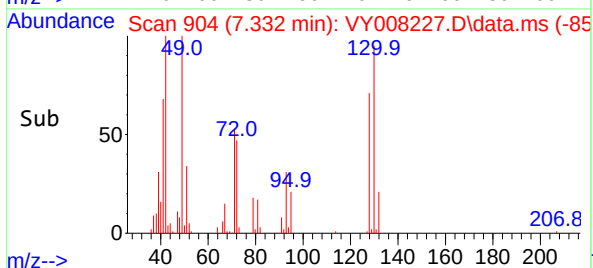
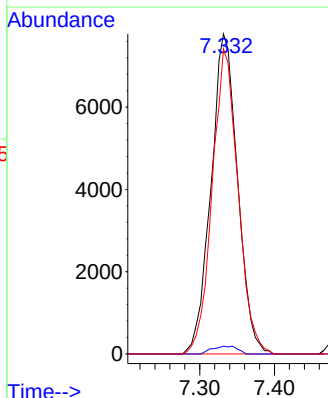
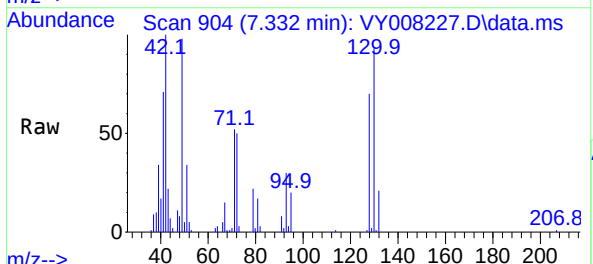
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0406SBS02

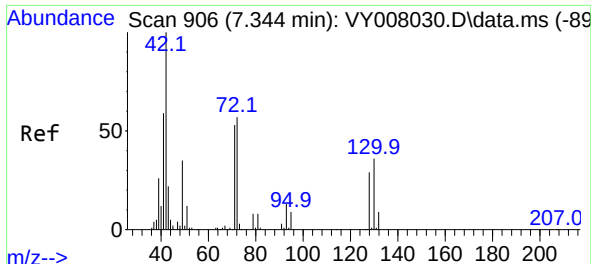
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 39145 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 122.8 | 0.0   | 319.8 |
| 98       | 63.9  | 0.0   | 127.0 |



#28  
 Bromochloromethane  
 Concen: 20.054 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. -0.000 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 19232 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.3   | 0.0   | 2.2#  |
| 130      | 92.3  | 55.4  | 83.0# |





#29

Tetrahydrofuran

Concen: 91.456 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

VY0406SBS02

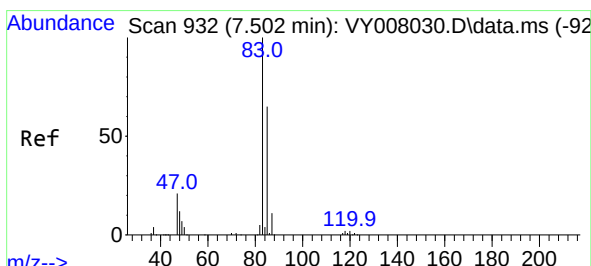
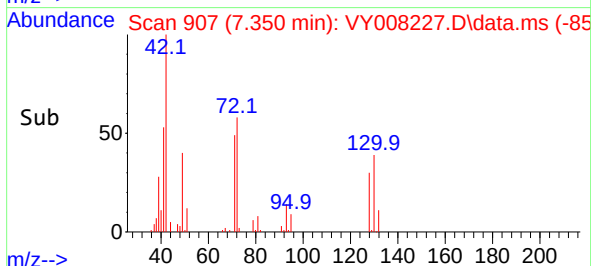
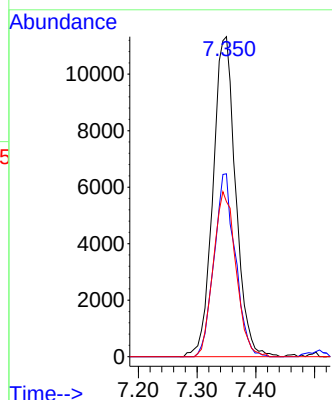
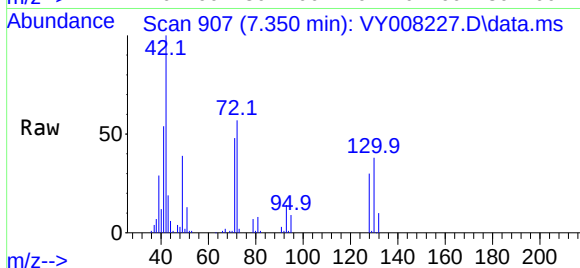
Tgt Ion: 42 Resp: 30356

Ion Ratio Lower Upper

42 100

72 53.6 30.3 45.5#

71 51.5 29.0 43.4#



#30

Chloroform

Concen: 18.780 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY008227.D

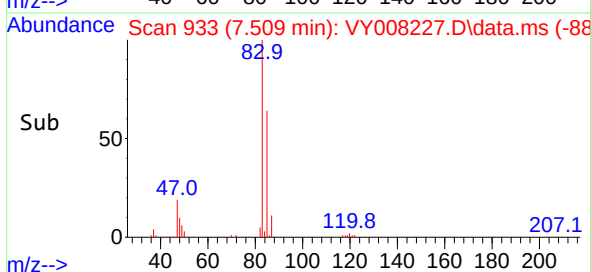
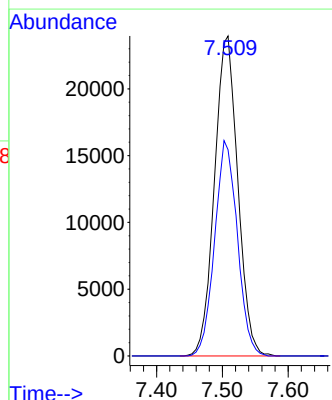
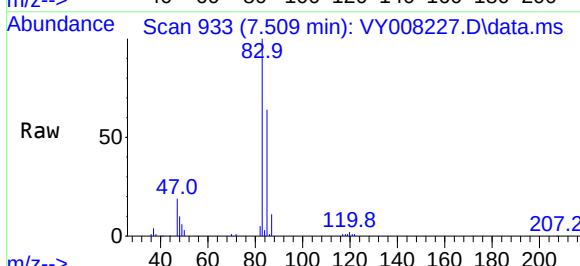
Acq: 06 Apr 2022 12:12

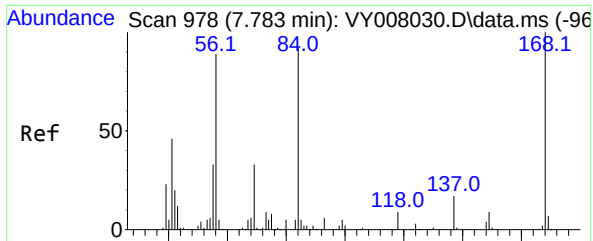
Tgt Ion: 83 Resp: 59150

Ion Ratio Lower Upper

83 100

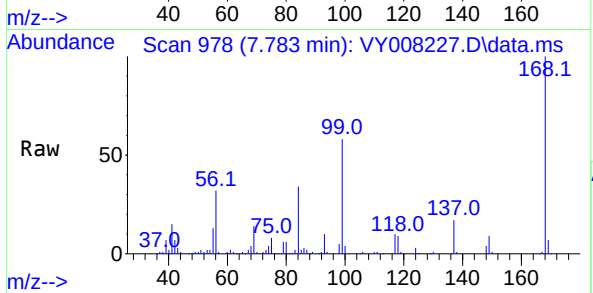
85 64.4 51.8 77.6



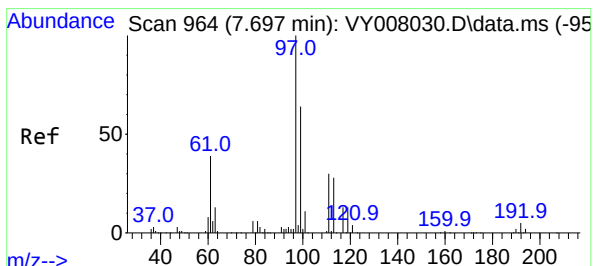
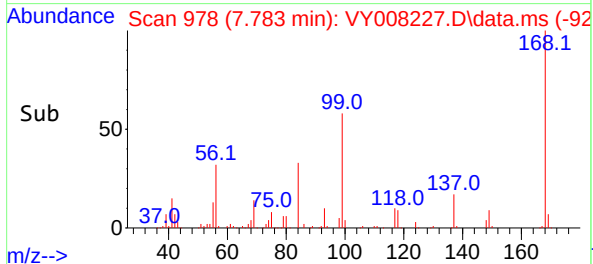
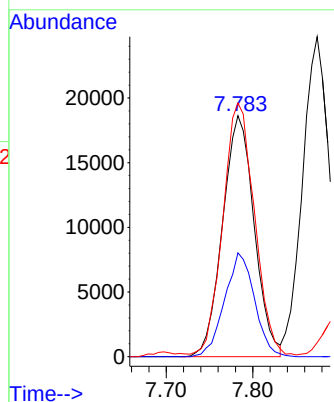


#31  
Cyclohexane  
Concen: 17.228 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

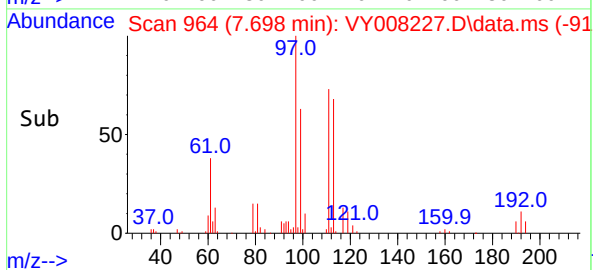
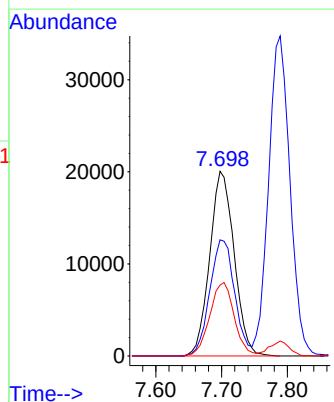
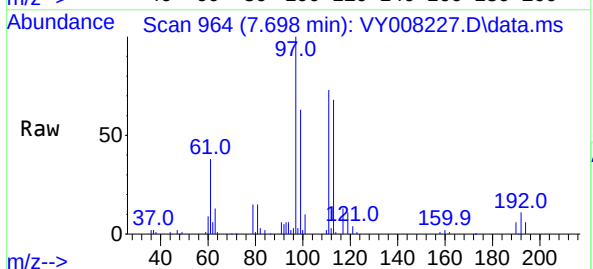


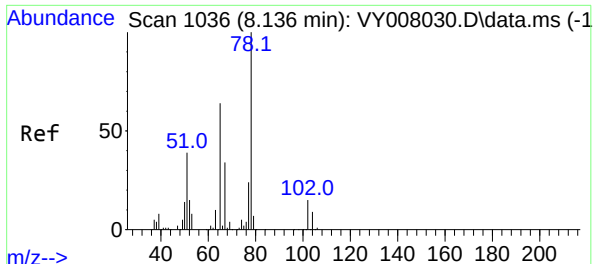
Tgt Ion: 56 Resp: 47267  
Ion Ratio Lower Upper  
56 100  
69 43.1 26.7 40.1#  
84 103.9 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 17.813 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. 0.001 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 97 Resp: 51837  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 39.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.347 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

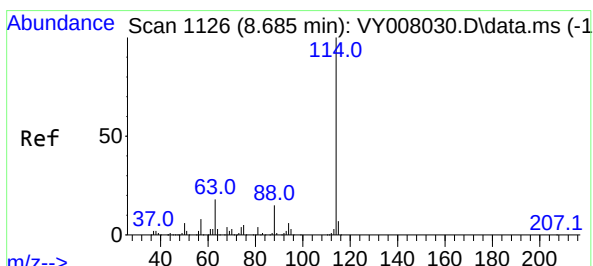
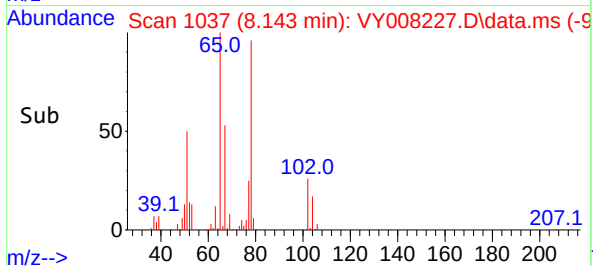
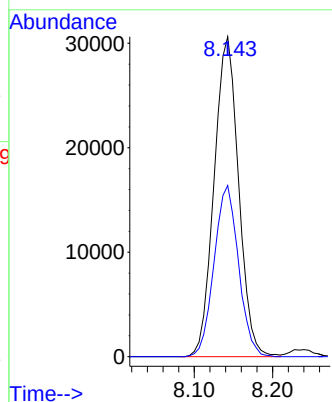
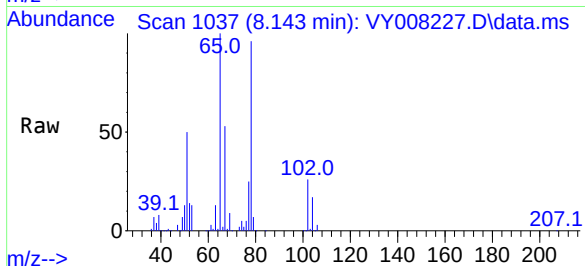
VY0406SBS02

Tgt Ion: 65 Resp: 66560

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

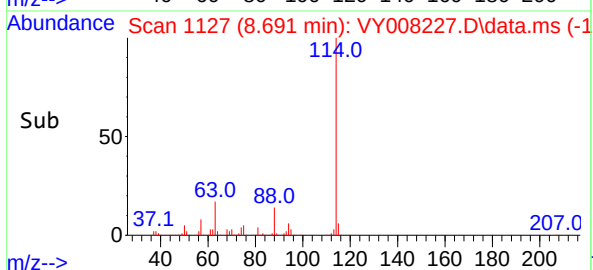
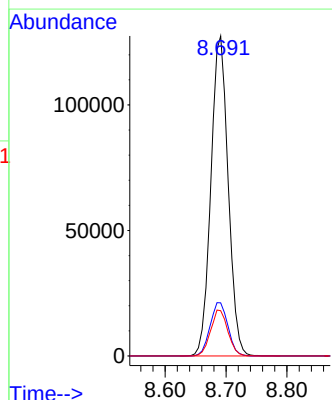
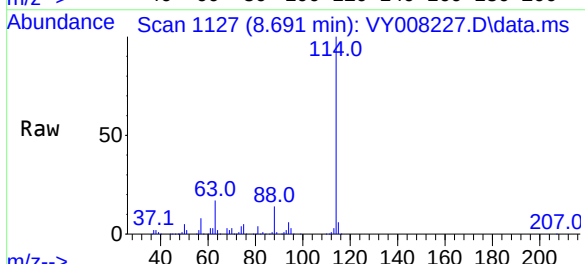
Tgt Ion: 114 Resp: 250367

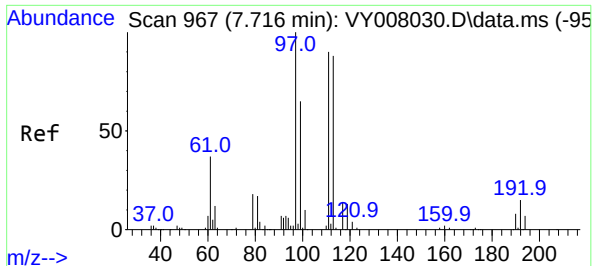
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.1 0.0 31.8

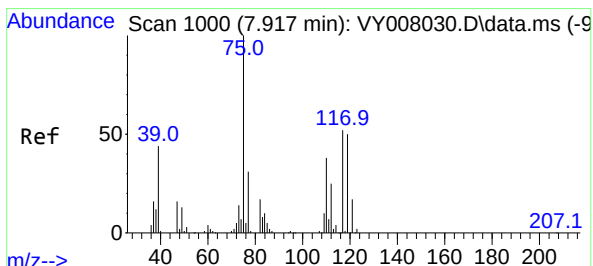
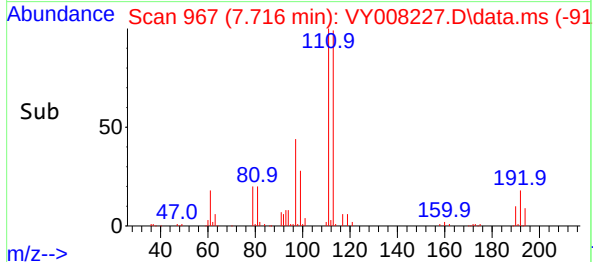
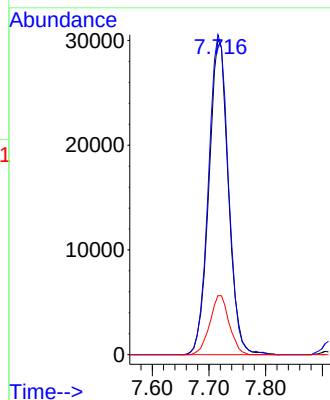
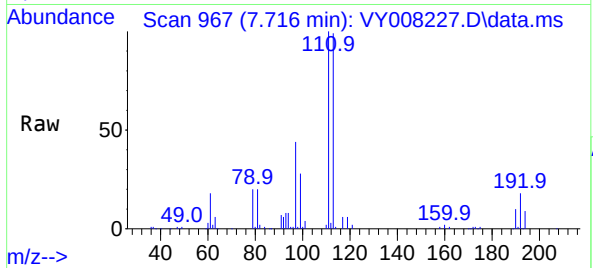




#35  
Dibromofluoromethane  
Concen: 45.705 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

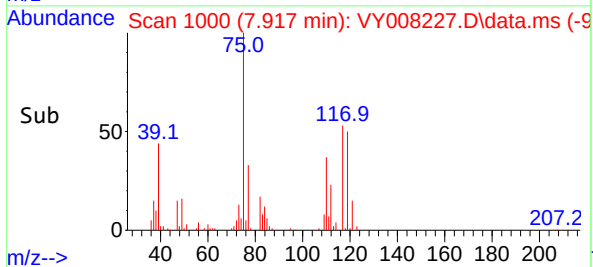
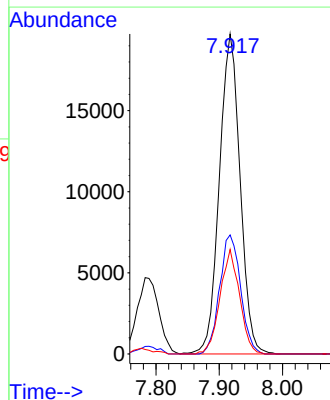
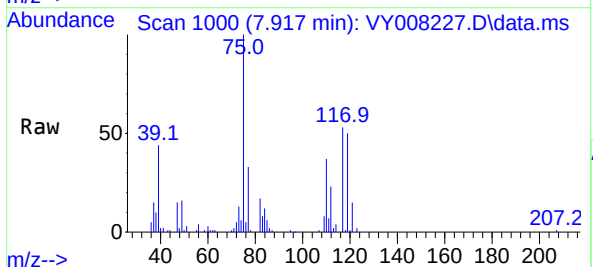
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

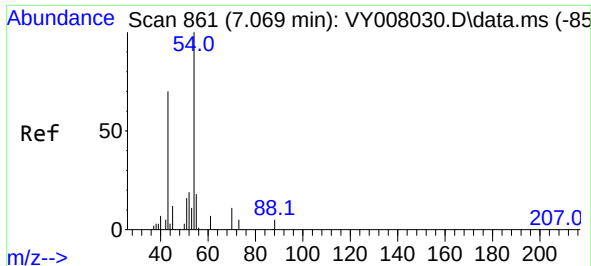
Tgt Ion:113 Resp: 71745  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.6 124.0  
192 18.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 18.180 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 75 Resp: 44828  
Ion Ratio Lower Upper  
75 100  
110 37.6 17.1 51.2  
77 30.8 24.4 36.6

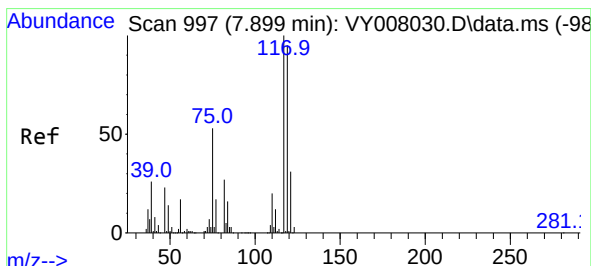
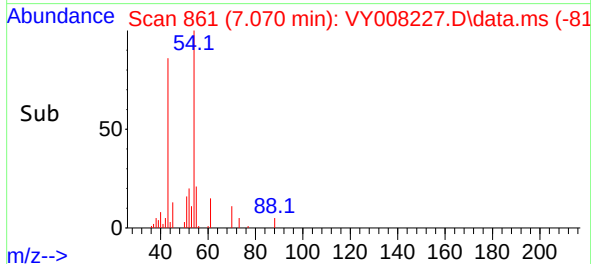
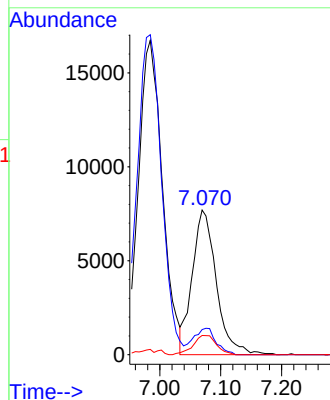
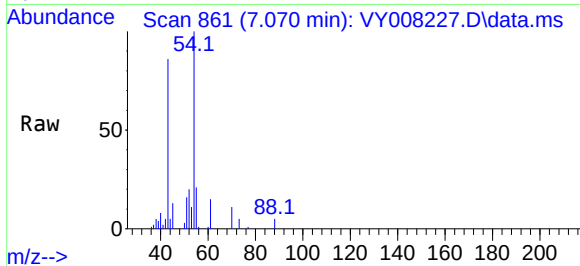




#37  
Ethyl Acetate  
Concen: 18.399 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.001 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

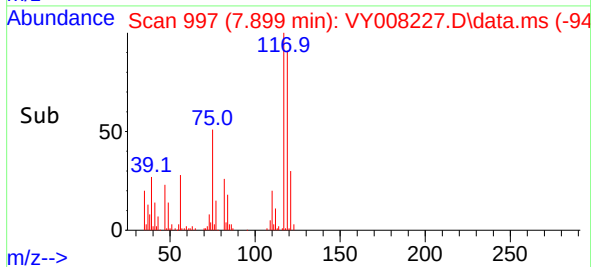
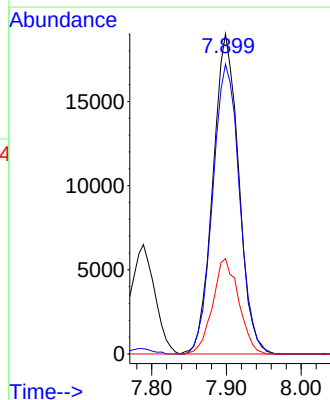
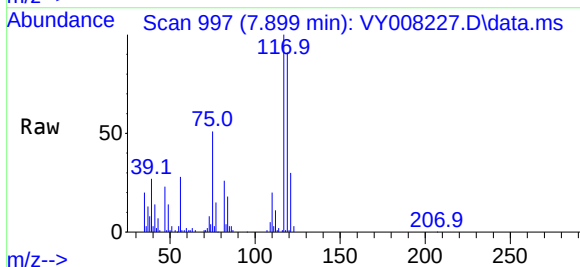
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

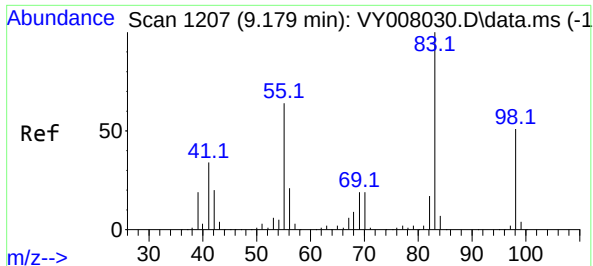
Tgt Ion: 43 Resp: 21193  
Ion Ratio Lower Upper  
43 100  
61 17.3 9.7 14.5#  
70 12.8 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 16.972 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 117 Resp: 45605  
Ion Ratio Lower Upper  
117 100  
119 90.6 77.9 116.9  
121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 16.788 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

VY0406SBS02

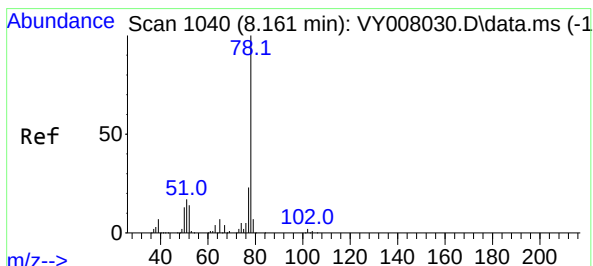
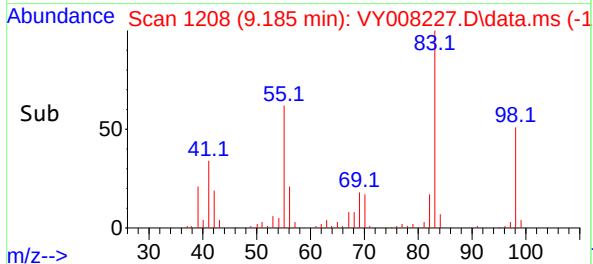
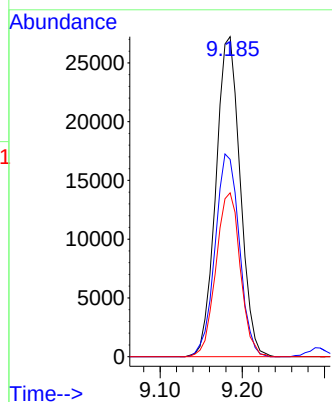
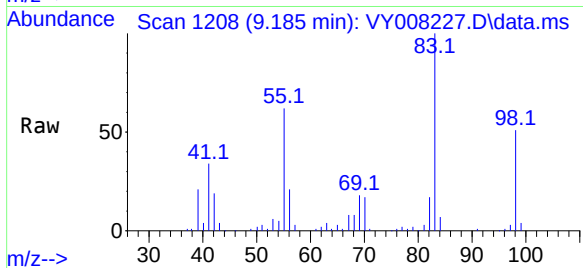
Tgt Ion: 83 Resp: 55873

Ion Ratio Lower Upper

83 100

55 61.6 66.5 99.7#

98 51.2 37.9 56.9



#40

Benzene

Concen: 18.452 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008227.D

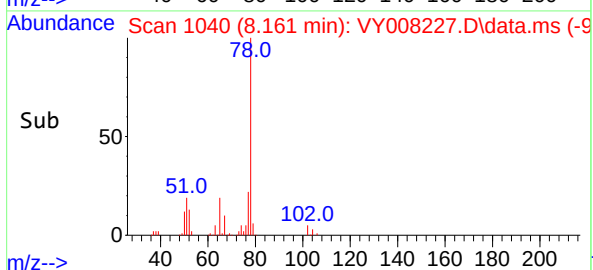
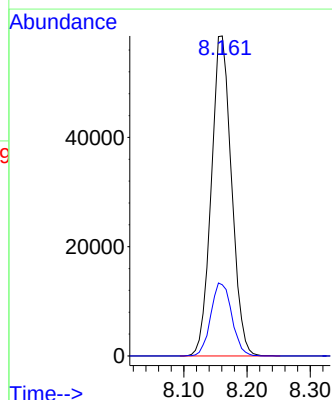
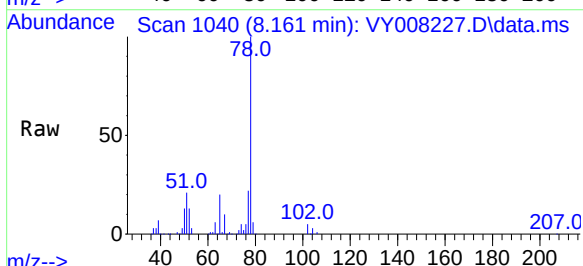
Acq: 06 Apr 2022 12:12

Tgt Ion: 78 Resp: 130144

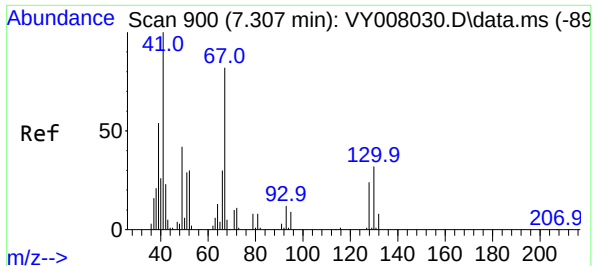
Ion Ratio Lower Upper

78 100

77 22.2 20.4 30.6



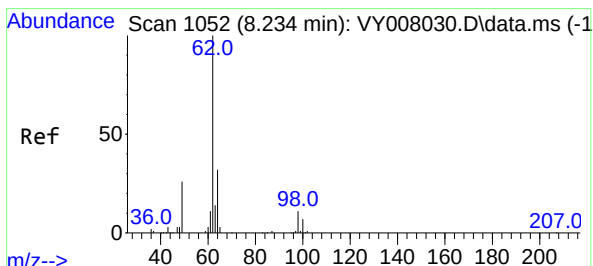
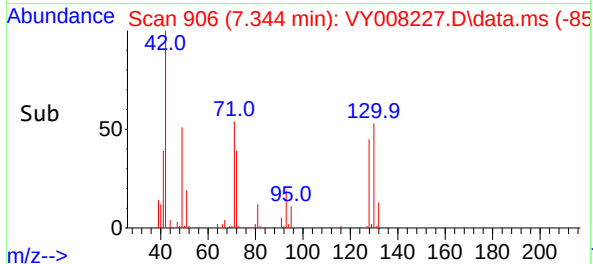
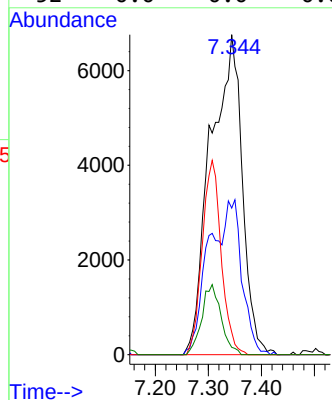
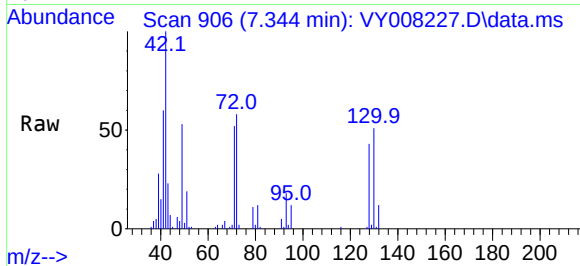




#41  
Methacrylonitrile  
Concen: 48.426 ug/l  
RT: 7.344 min Scan# 900  
Delta R.T. 0.037 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

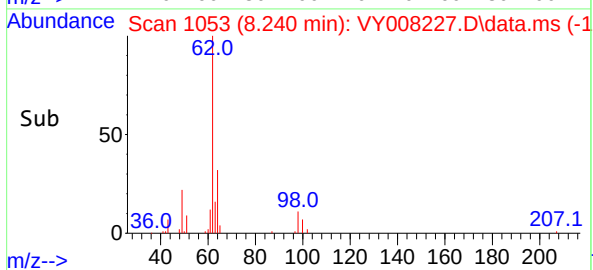
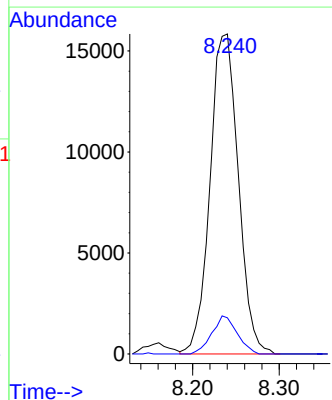
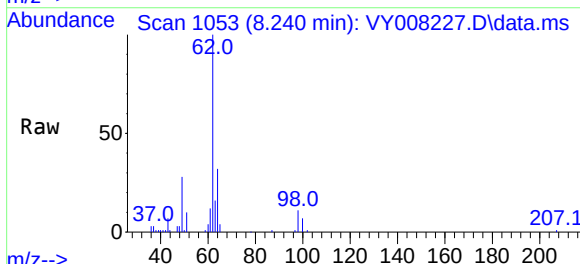
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

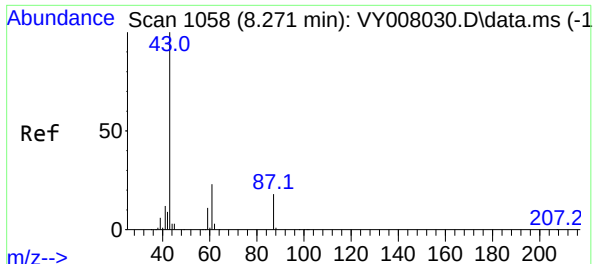
Tgt Ion: 41 Resp: 28009  
Ion Ratio Lower Upper  
41 100  
39 26.3 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 18.188 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 62 Resp: 35987  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 17.184 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

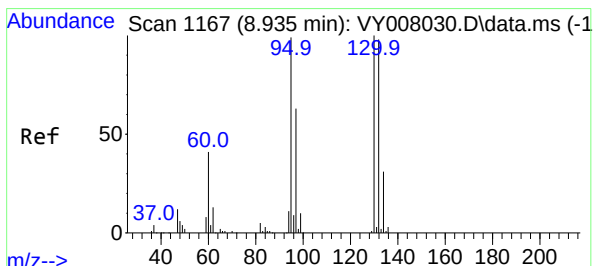
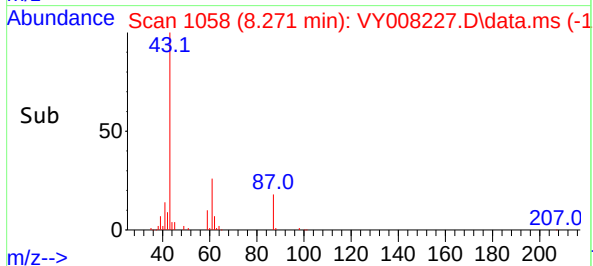
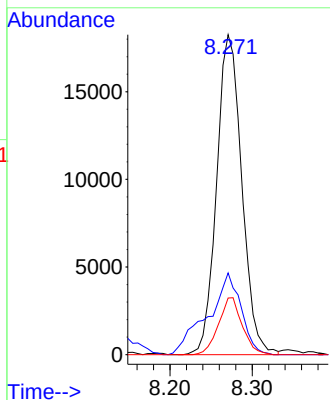
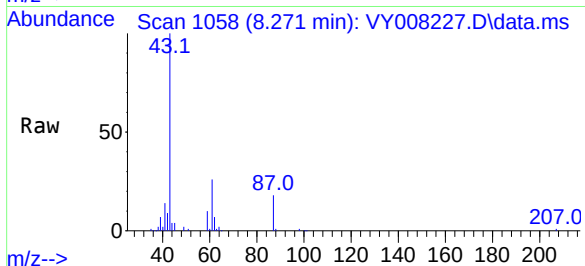
Instrument :

MSVOA\_Y

ClientSampleId :

VY0406SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 38856 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.8  | 20.2  | 30.2# |
| 87       | 16.8  | 8.9   | 13.3# |



#44

Trichloroethene

Concen: 17.869 ug/l

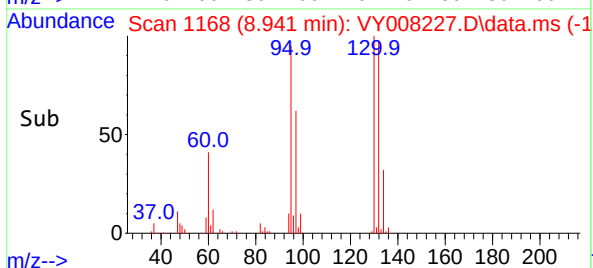
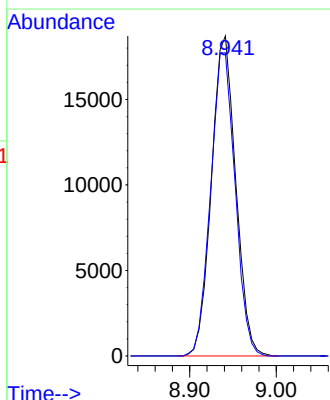
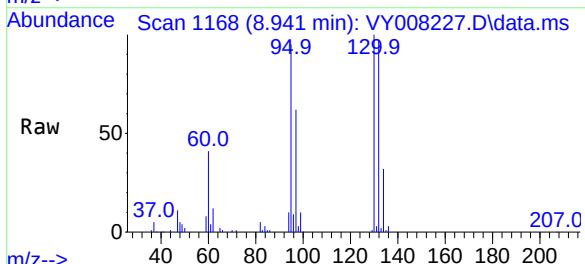
RT: 8.941 min Scan# 1168

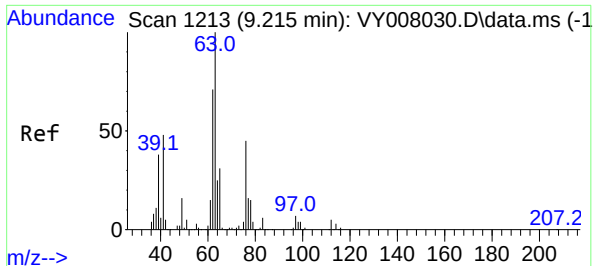
Delta R.T. 0.006 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 36445 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.7  | 0.0   | 188.2 |





#45

1,2-Dichloropropane

Concen: 18.753 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

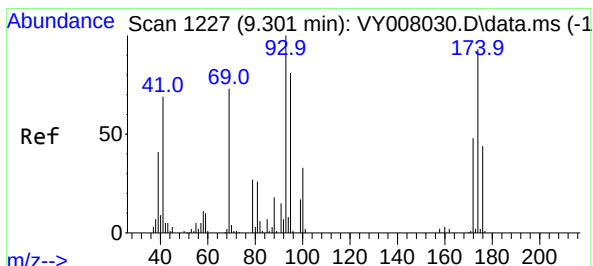
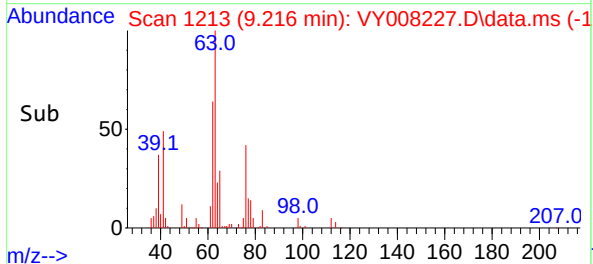
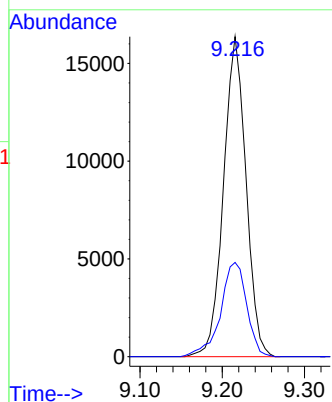
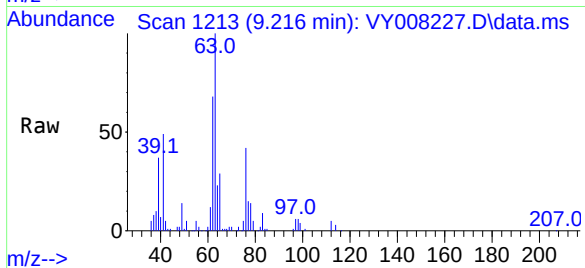
VY0406SBS02

Tgt Ion: 63 Resp: 31172

Ion Ratio Lower Upper

63 100

65 29.4 23.0 34.6



#46

Dibromomethane

Concen: 18.281 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

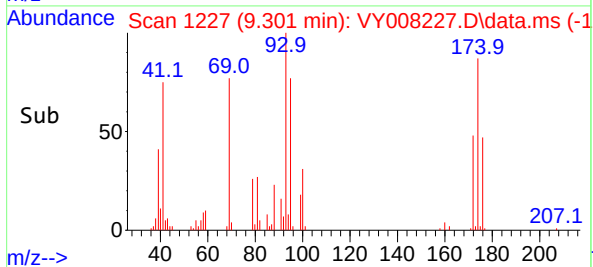
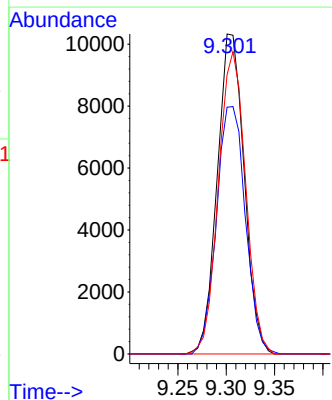
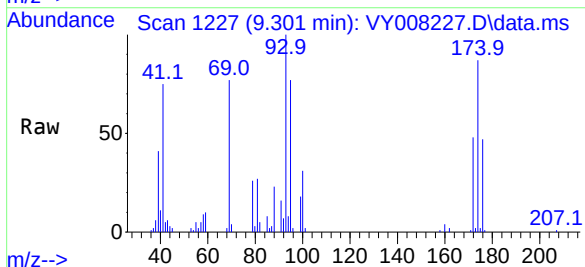
Tgt Ion: 93 Resp: 19981

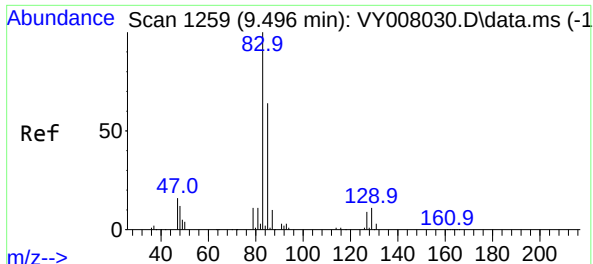
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 95.1 83.4 125.0





#47

Bromodichloromethane

Concen: 17.713 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

VY0406SBS02

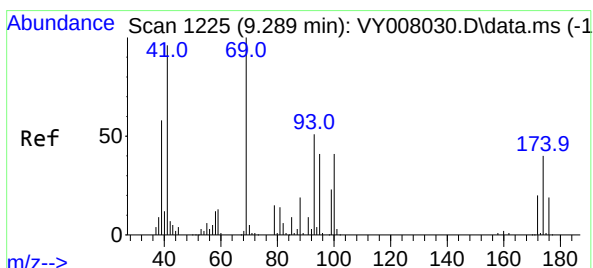
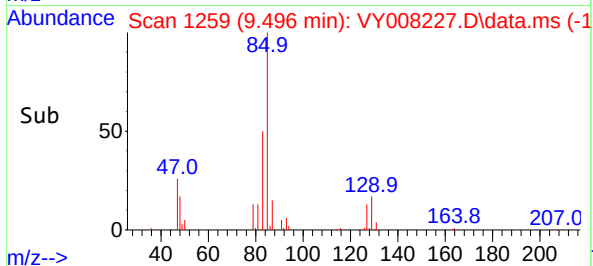
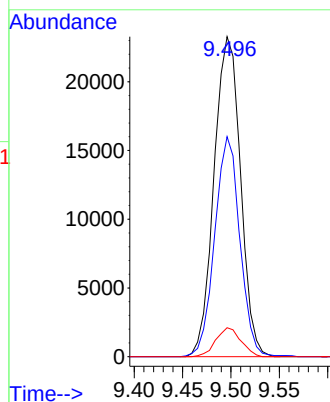
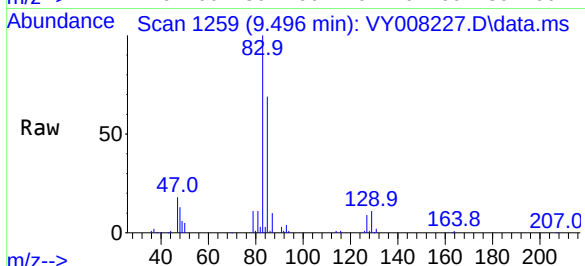
Tgt Ion: 83 Resp: 44269

Ion Ratio Lower Upper

83 100

85 68.7 51.9 77.9

127 9.1 6.6 10.0



#48

Methyl methacrylate

Concen: 16.733 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

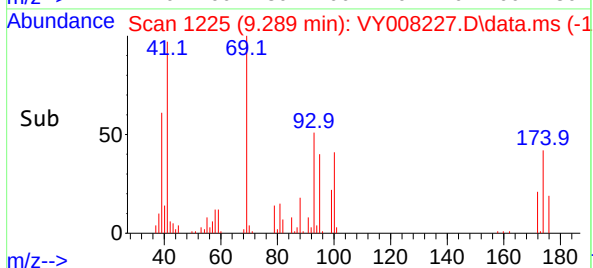
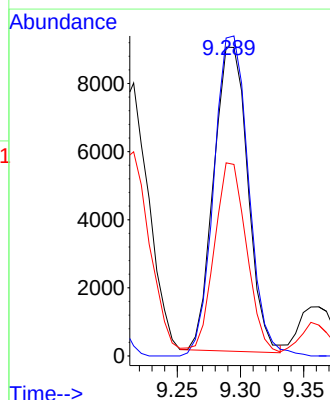
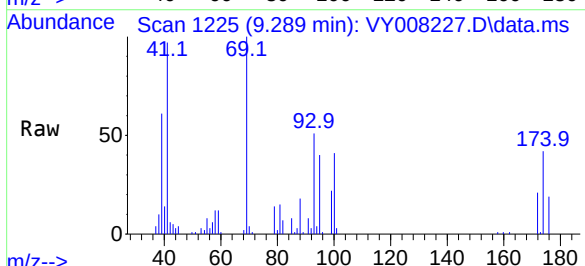
Tgt Ion: 41 Resp: 16759

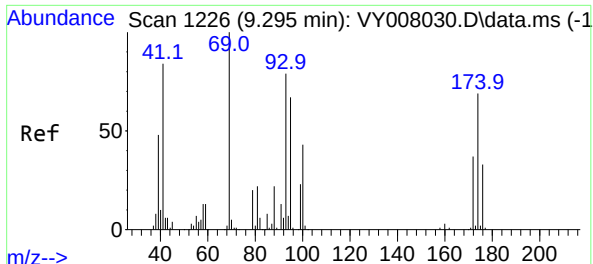
Ion Ratio Lower Upper

41 100

69 106.7 58.2 87.2#

39 58.5 47.4 71.0

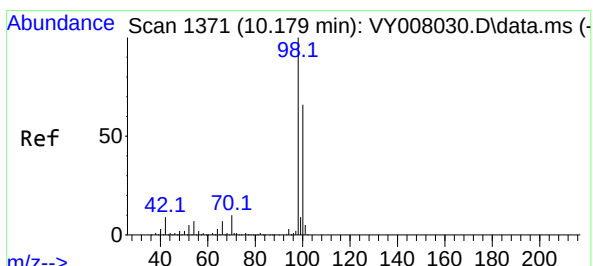
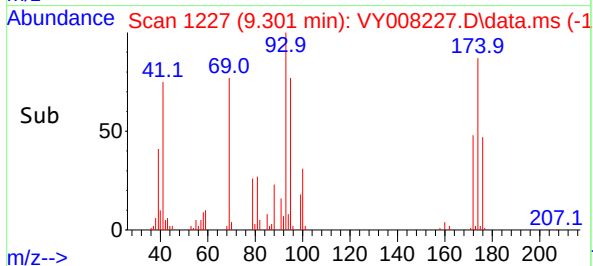
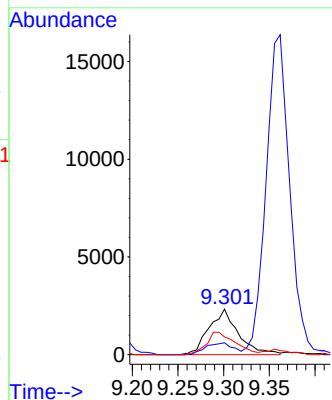
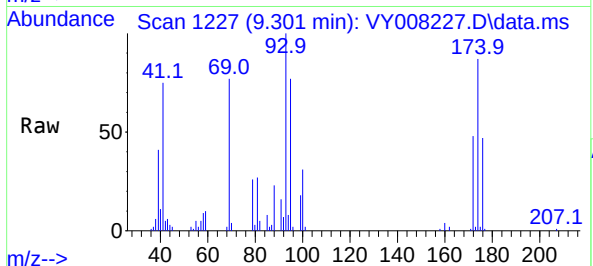




#49  
1,4-Dioxane  
Concen: 358.158 ug/l  
RT: 9.301 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

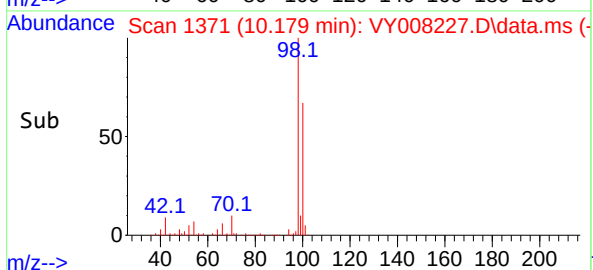
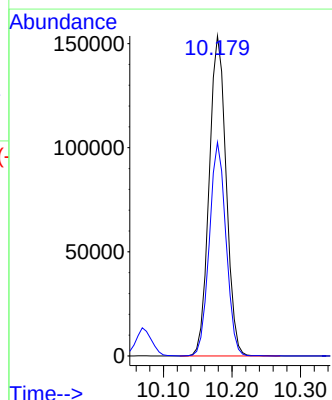
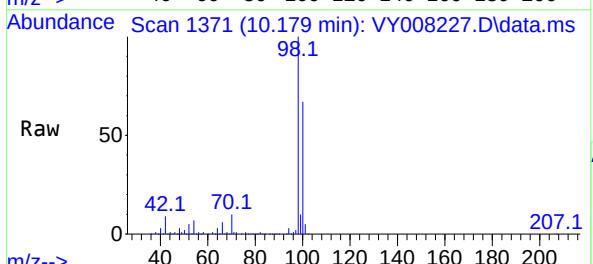
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

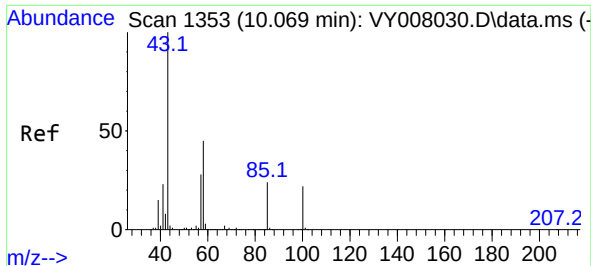
Tgt Ion: 88 Resp: 5204  
Ion Ratio Lower Upper  
88 100  
43 24.8 32.8 49.2#  
58 48.3 59.8 89.6#



#50  
Toluene-d8  
Concen: 44.731 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 98 Resp: 264537  
Ion Ratio Lower Upper  
98 100  
100 65.4 50.2 75.2

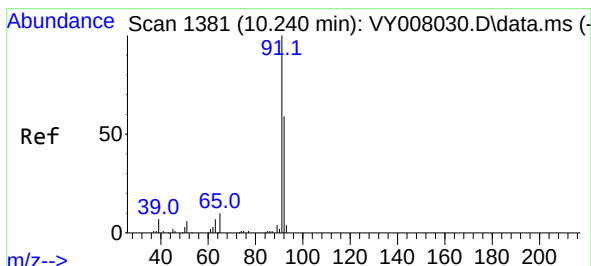
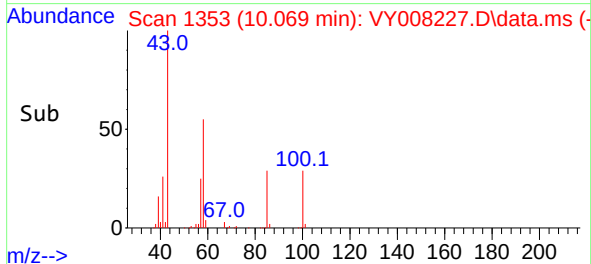
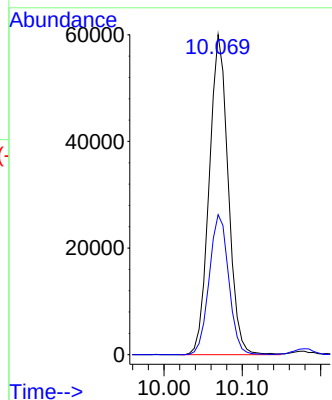
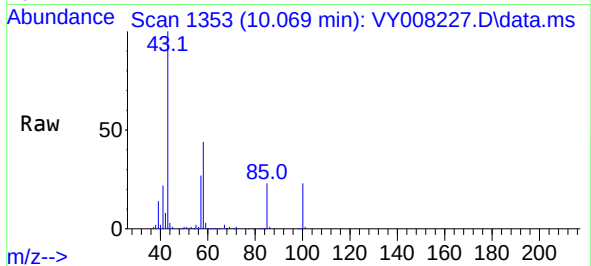




#51  
4-Methyl-2-Pentanone  
Concen: 88.542 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

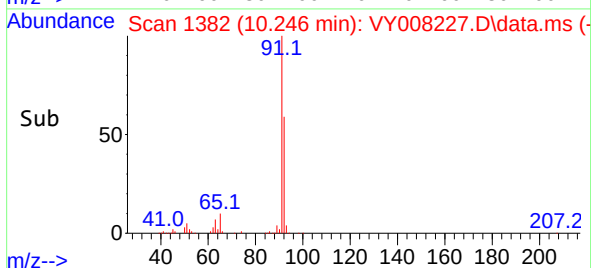
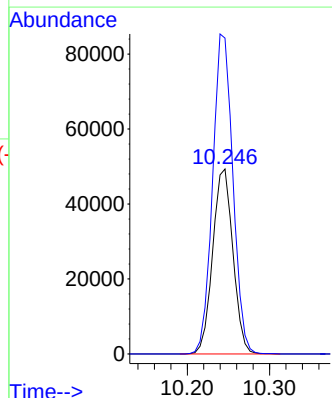
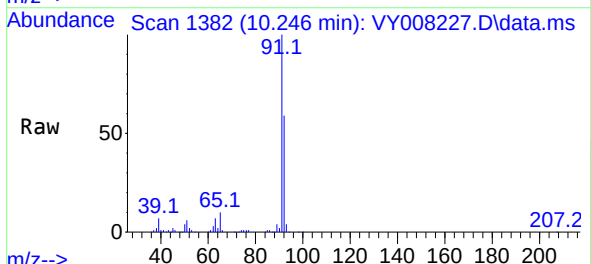
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

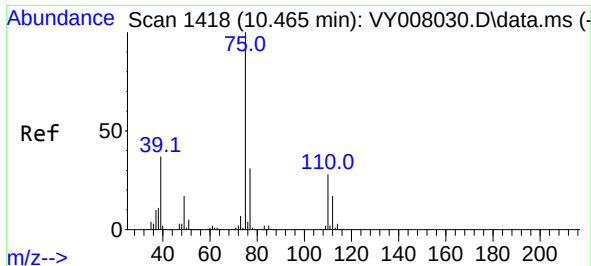
Tgt Ion: 43 Resp: 100980  
Ion Ratio Lower Upper  
43 100  
58 45.0 28.1 42.1#



#52  
Toluene  
Concen: 18.253 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 92 Resp: 84429  
Ion Ratio Lower Upper  
92 100  
91 173.1 142.6 213.8

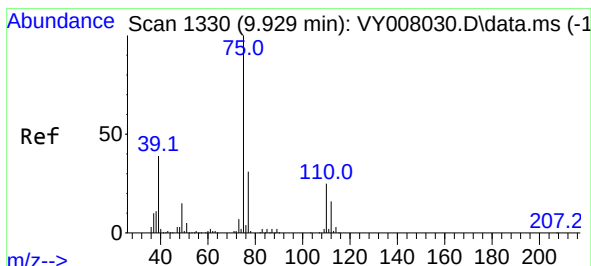
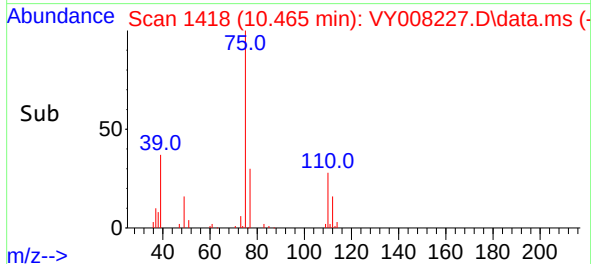
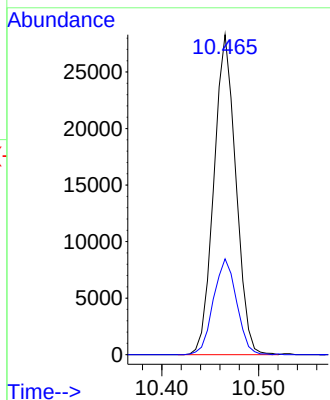
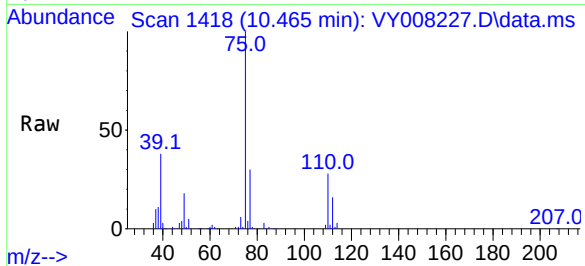




#53  
t-1,3-Dichloropropene  
Concen: 17.450 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

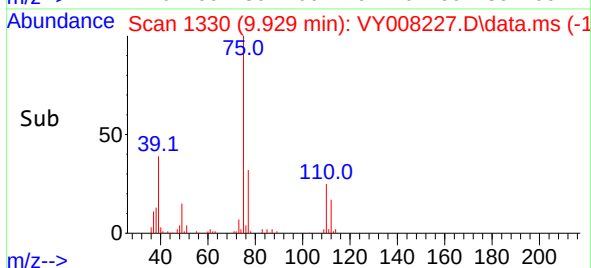
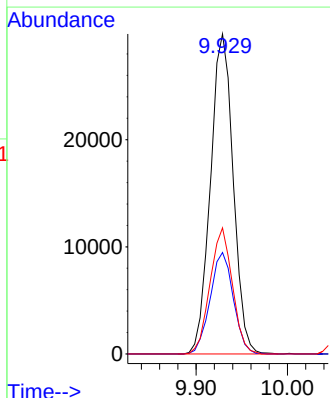
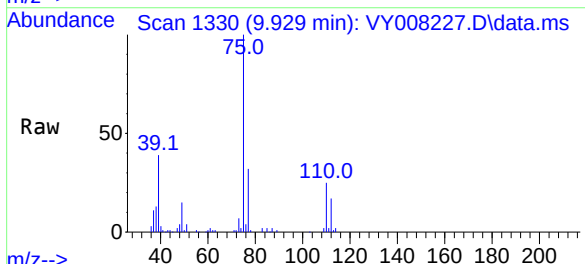
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

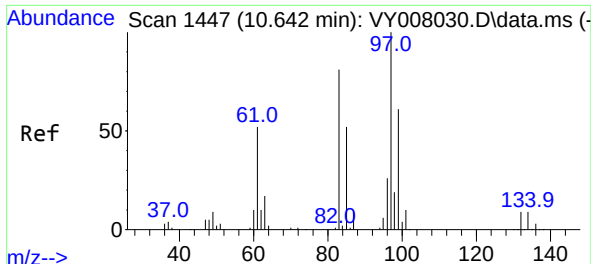
Tgt Ion: 75 Resp: 44707  
Ion Ratio Lower Upper  
75 100  
77 30.0 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 17.777 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 75 Resp: 51557  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4  
39 39.4 47.6 71.4#

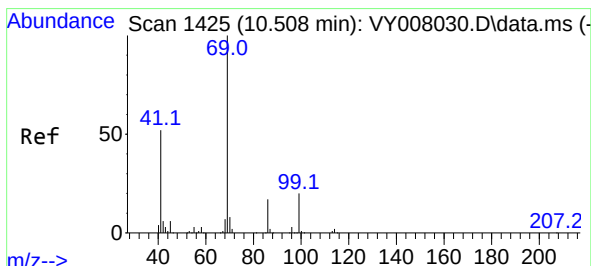
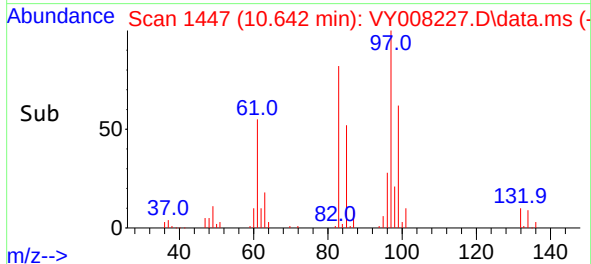
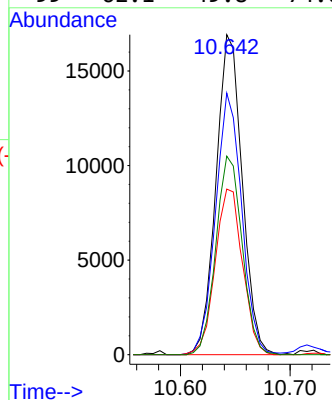
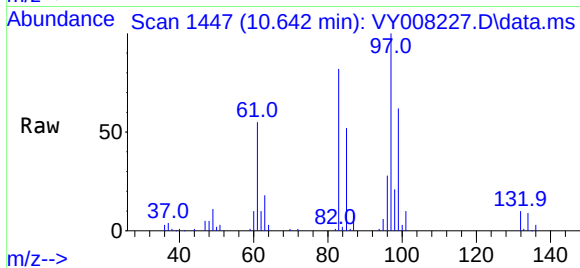




#55  
1,1,2-Trichloroethane  
Concen: 18.643 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

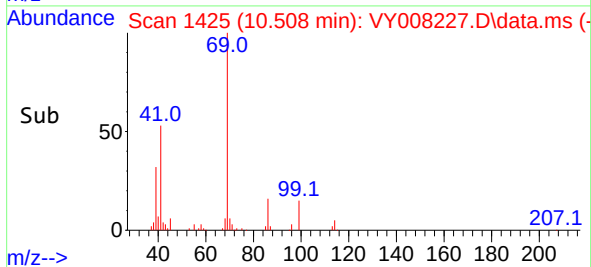
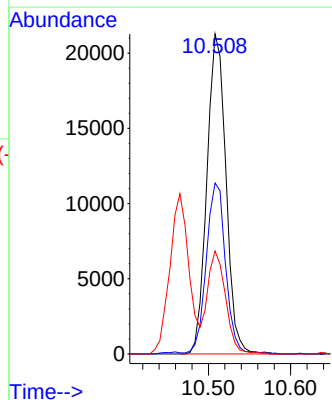
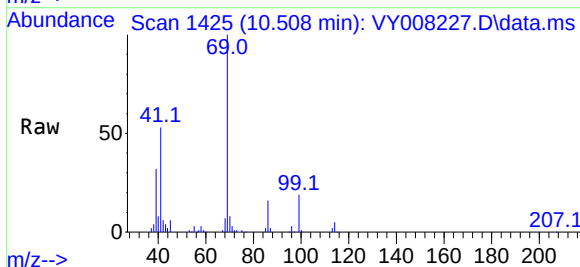
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 28136 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.8  | 69.8  | 104.8 |
| 85       | 51.8  | 44.3  | 66.5  |
| 99       | 62.1  | 49.8  | 74.6  |

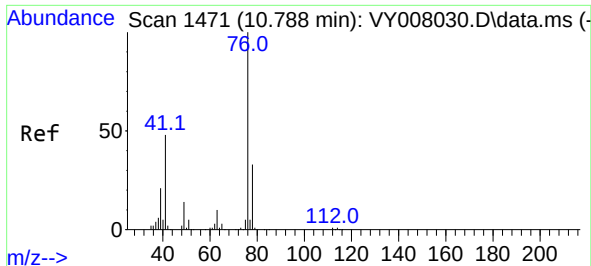


#56  
Ethyl methacrylate  
Concen: 17.410 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 34275 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.3  | 63.4  | 95.0# |
| 39       | 30.6  | 35.8  | 53.8# |







#57

1,3-Dichloropropane

Concen: 18.441 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

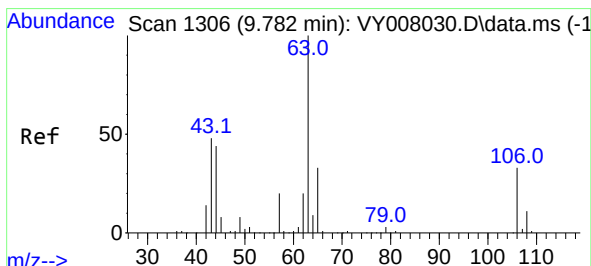
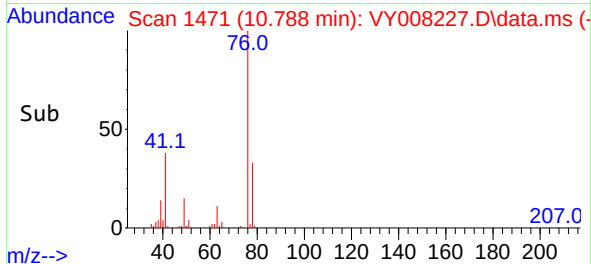
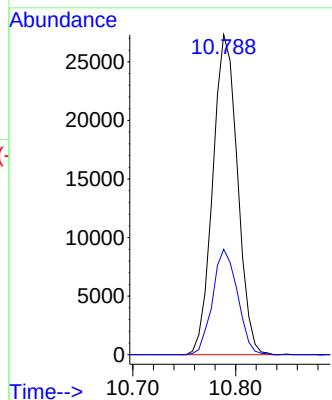
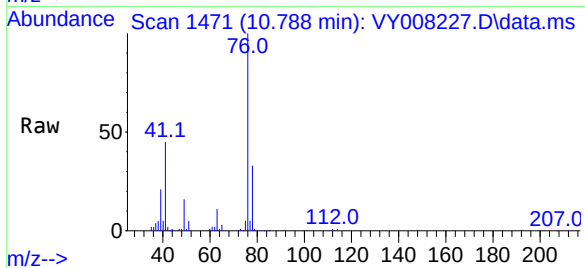
VY0406SBS02

Tgt Ion: 76 Resp: 45551

Ion Ratio Lower Upper

76 100

78 33.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 86.584 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008227.D

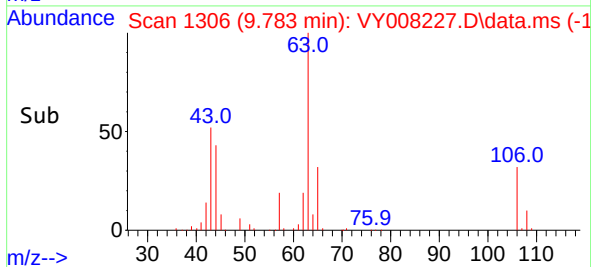
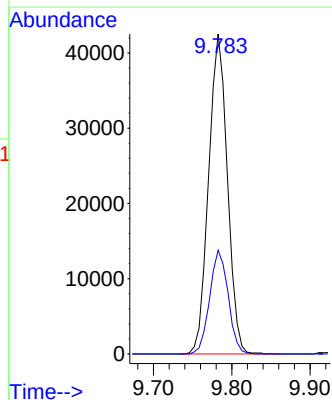
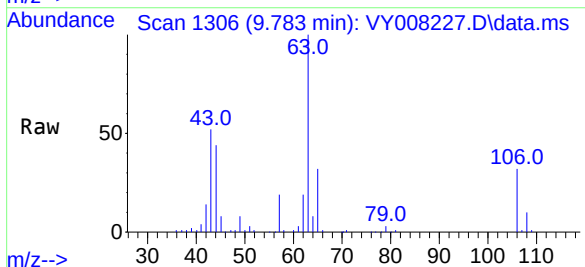
Acq: 06 Apr 2022 12:12

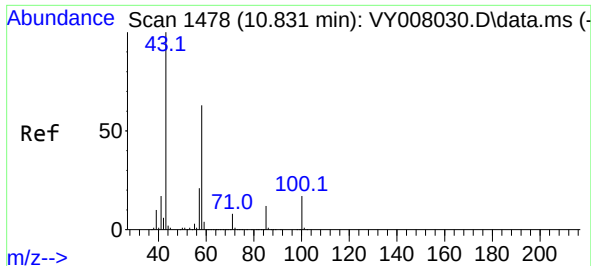
Tgt Ion: 63 Resp: 70625

Ion Ratio Lower Upper

63 100

106 31.9 21.5 32.3

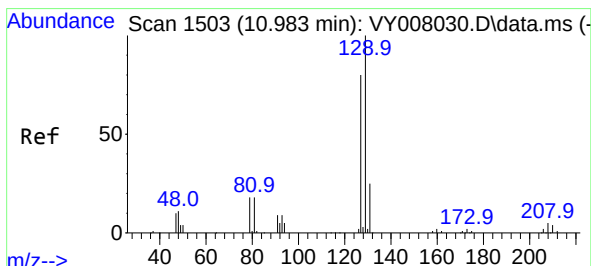
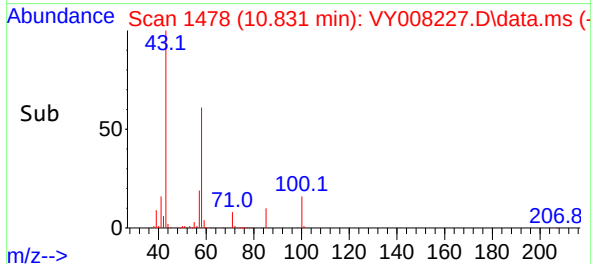
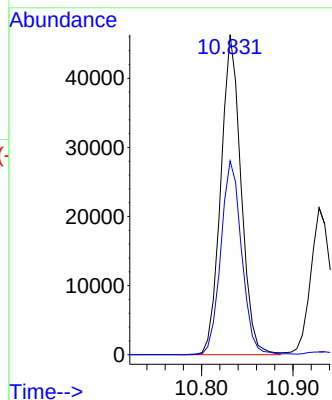
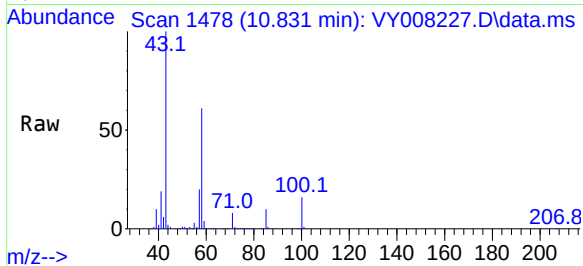




#59  
2-Hexanone  
Concen: 89.441 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

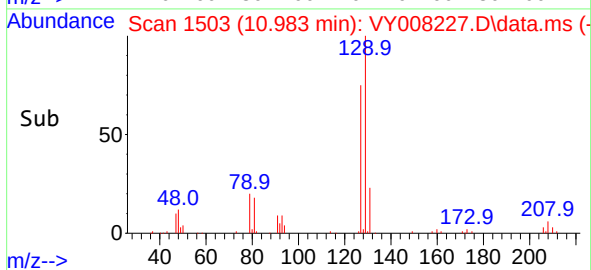
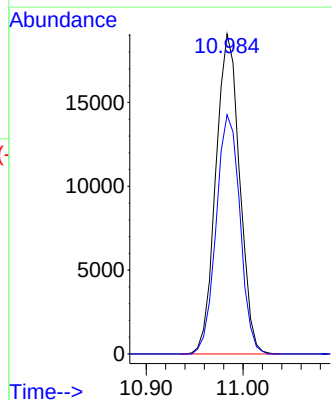
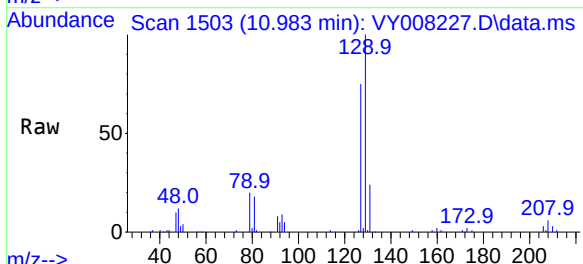
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

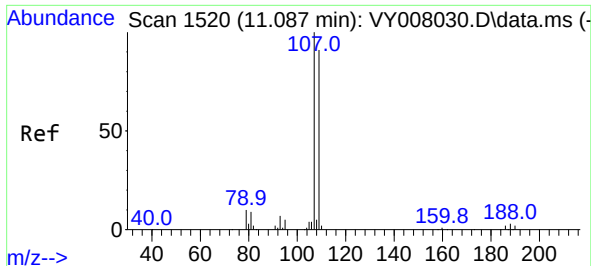
Tgt Ion: 43 Resp: 71378  
Ion Ratio Lower Upper  
43 100  
58 62.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 17.792 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 129 Resp: 32658  
Ion Ratio Lower Upper  
129 100  
127 74.6 38.7 116.1

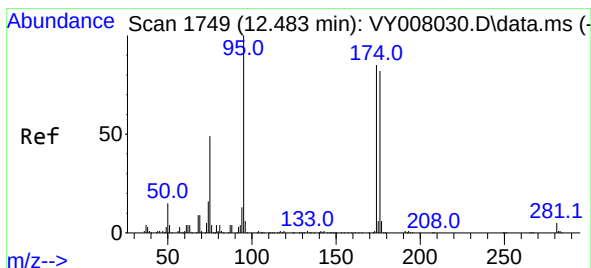
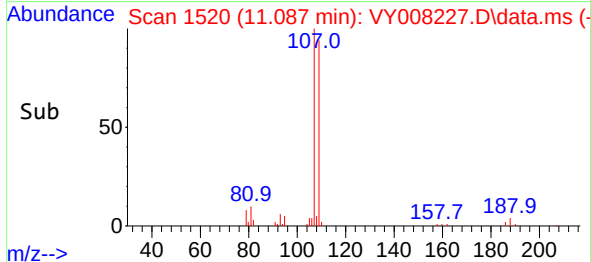
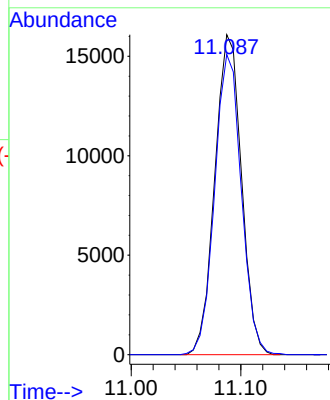
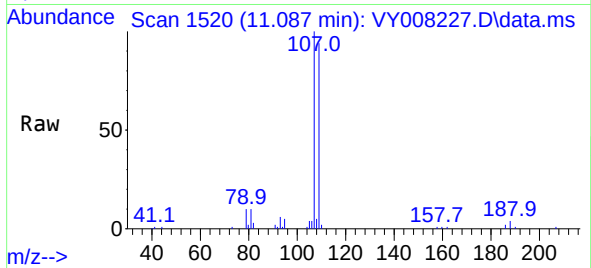




#61  
1,2-Dibromoethane  
Concen: 18.055 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

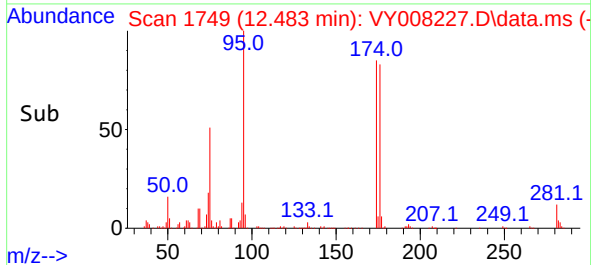
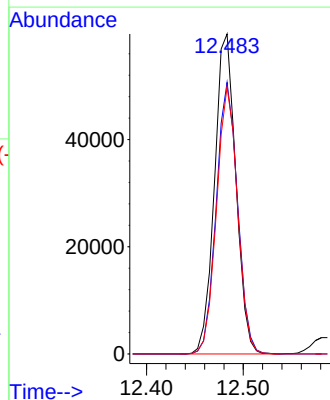
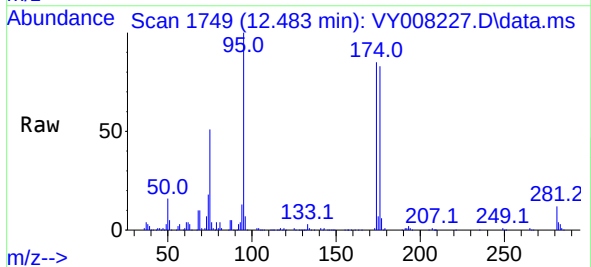
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

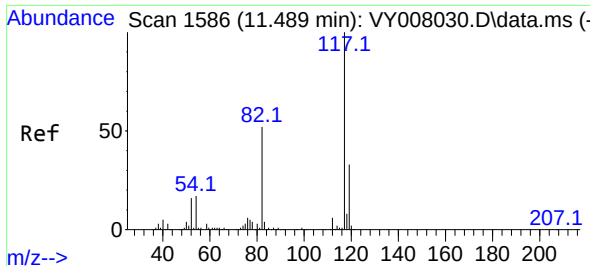
Tgt Ion:107 Resp: 27138  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 43.819 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

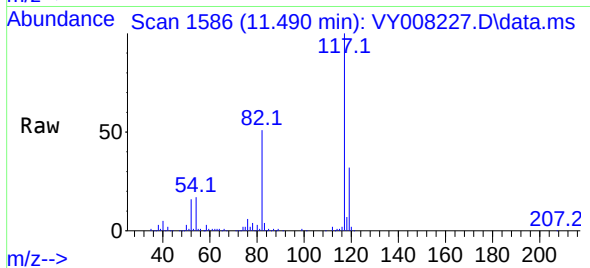
Tgt Ion: 95 Resp: 91428  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 177.0  
176 82.0 0.0 175.8



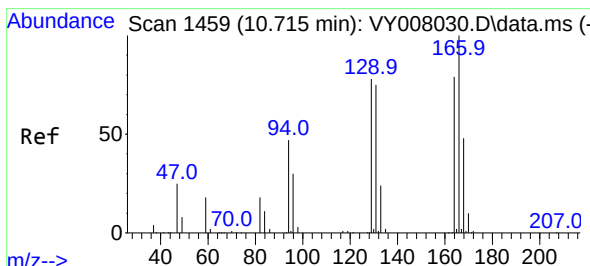
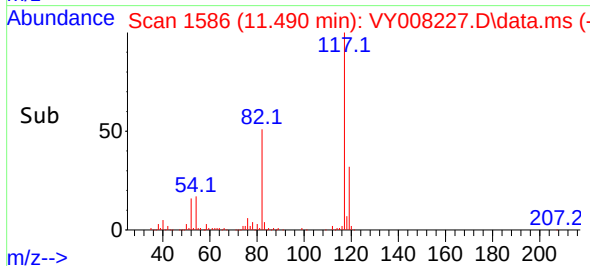
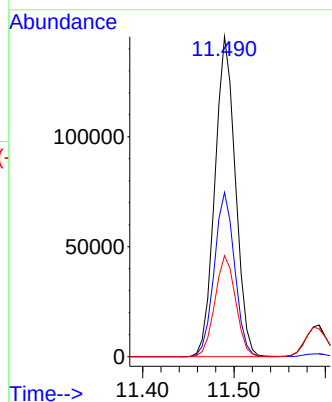


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

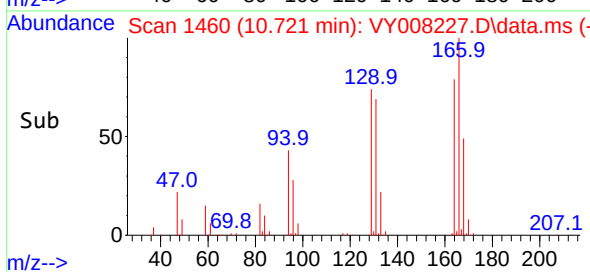
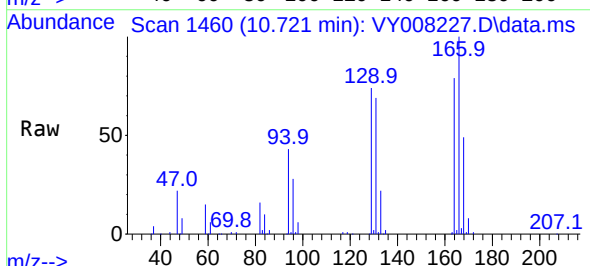
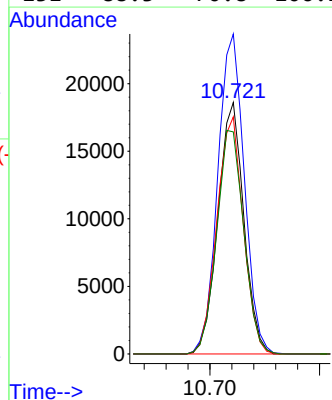


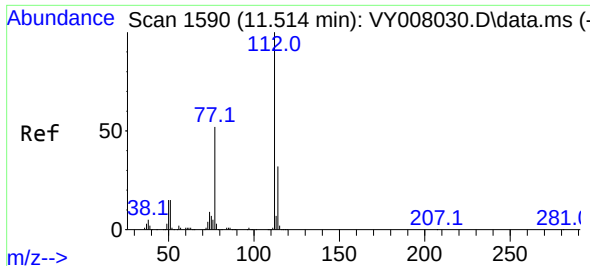
Tgt Ion:117 Resp: 227370  
Ion Ratio Lower Upper  
117 100  
82 51.4 43.0 64.4  
119 31.6 25.4 38.0



#64  
Tetrachloroethene  
Concen: 17.487 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:164 Resp: 30538  
Ion Ratio Lower Upper  
164 100  
166 127.3 100.4 150.6  
129 94.3 71.4 107.0  
131 88.3 70.8 106.2

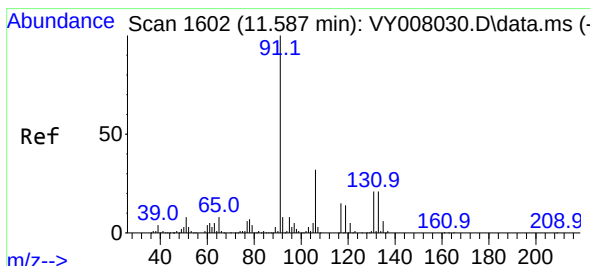
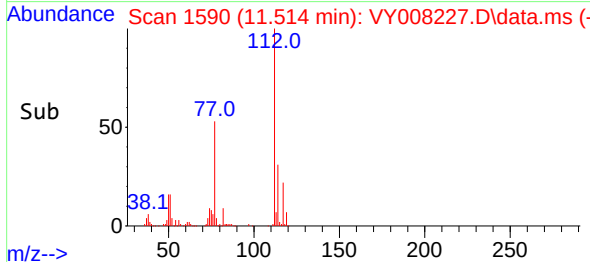
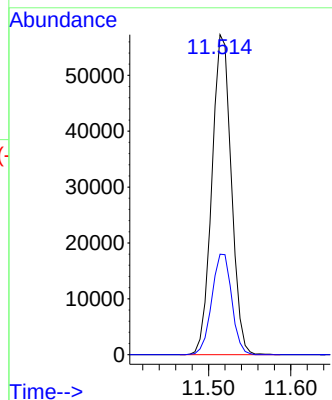
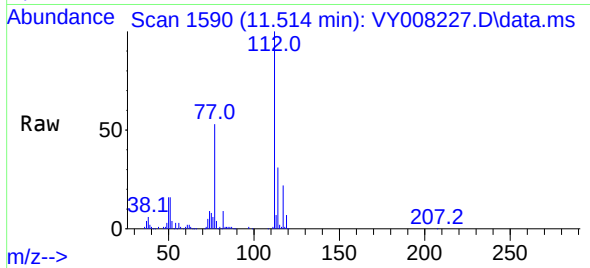




#65  
Chlorobenzene  
Concen: 18.306 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

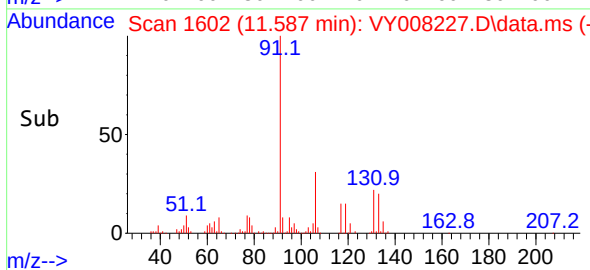
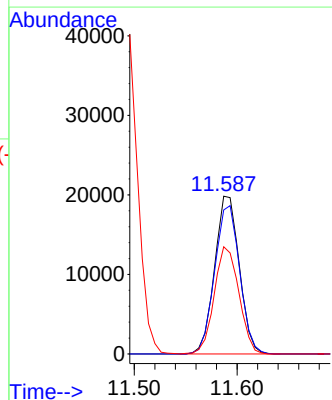
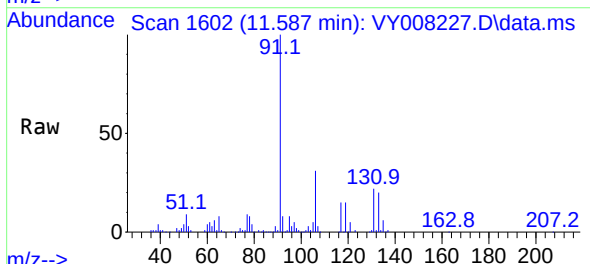
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

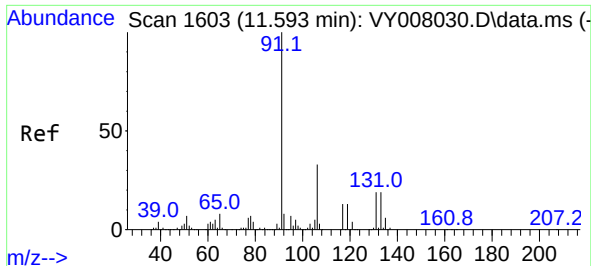
Tgt Ion:112 Resp: 93849  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.463 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:131 Resp: 33024  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.9 143.6  
119 68.1 30.8 92.3





#67

Ethyl Benzene

Concen: 17.988 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008227.D

Acq: 06 Apr 2022 12:12

Instrument :

MSVOA\_Y

ClientSampleId :

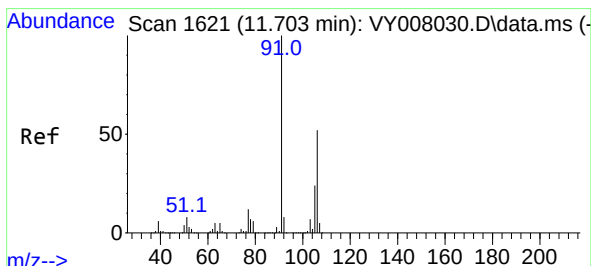
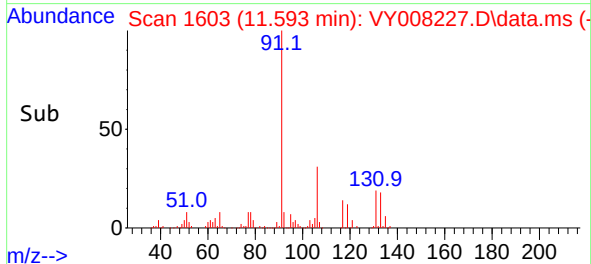
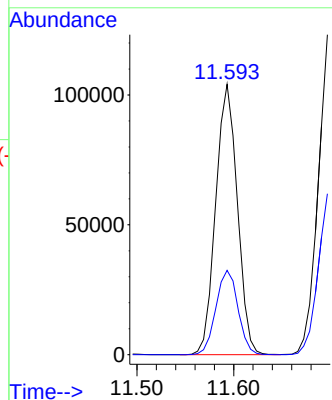
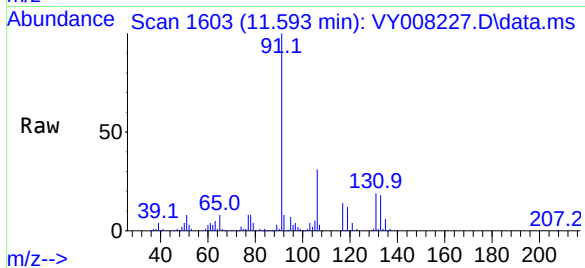
VY0406SBS02

Tgt Ion: 91 Resp: 161632

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 35.930 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008227.D

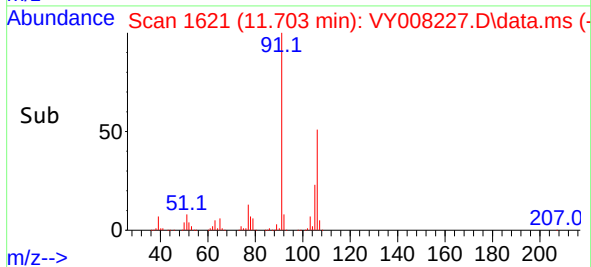
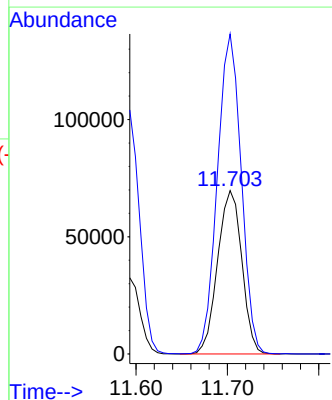
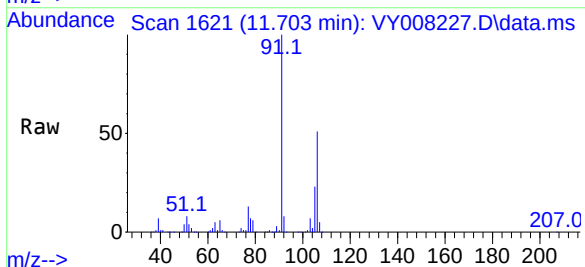
Acq: 06 Apr 2022 12:12

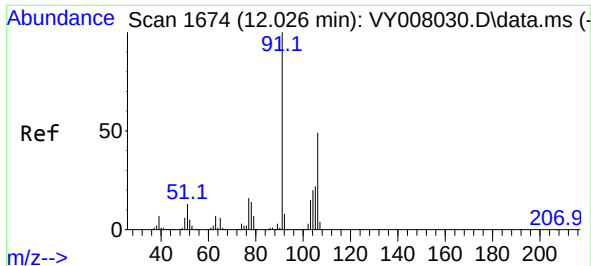
Tgt Ion: 106 Resp: 128378

Ion Ratio Lower Upper

106 100

91 192.9 166.6 249.8

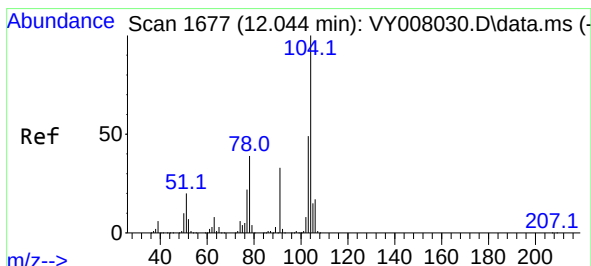
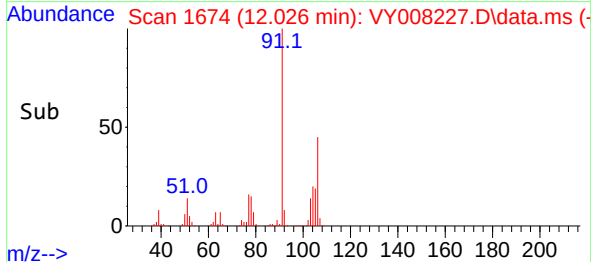
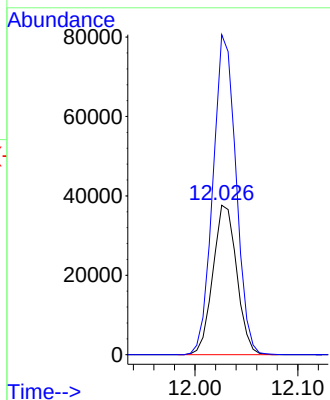
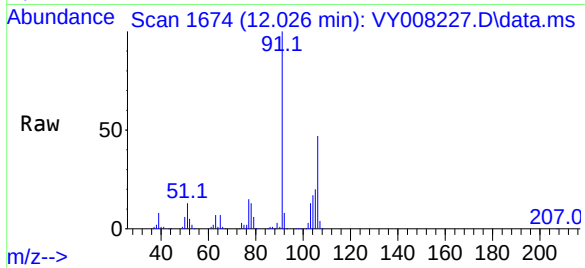




#69  
o-Xylene  
Concen: 17.697 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

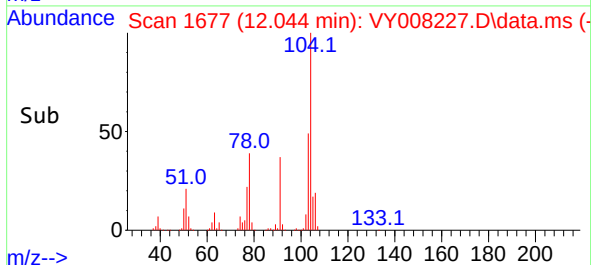
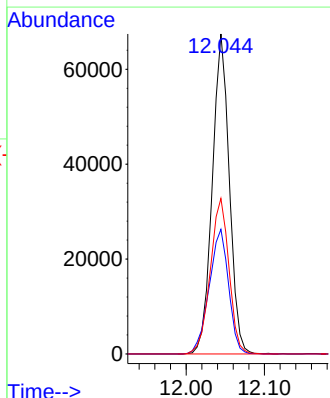
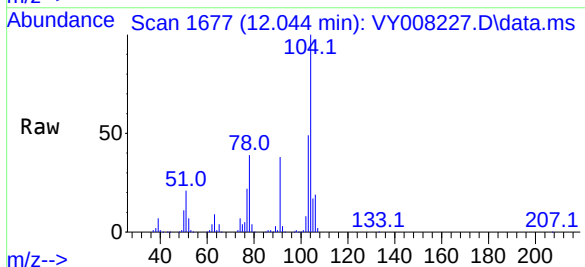
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

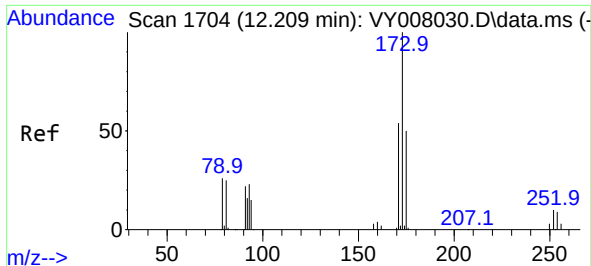
Tgt Ion:106 Resp: 60541  
Ion Ratio Lower Upper  
106 100  
91 207.2 110.3 331.0



#70  
Styrene  
Concen: 18.198 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:104 Resp: 101912  
Ion Ratio Lower Upper  
104 100  
78 44.3 42.4 63.6  
103 53.3 44.4 66.6

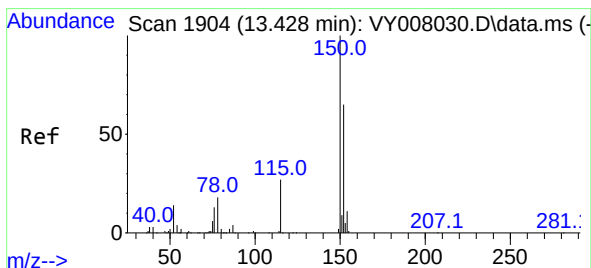
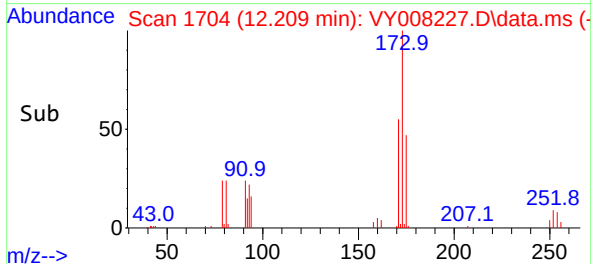
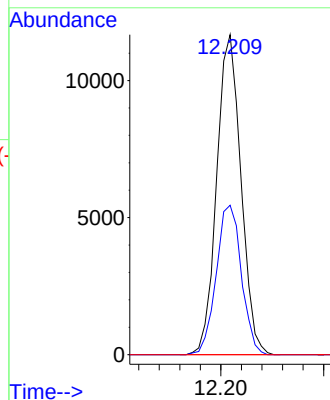
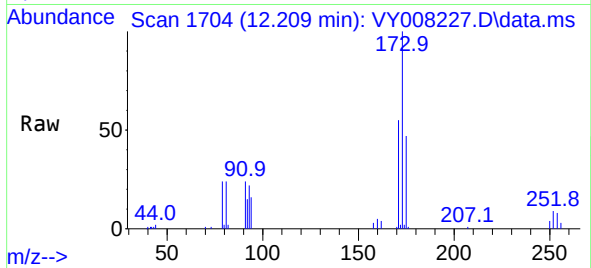




#71  
Bromoform  
Concen: 16.712 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

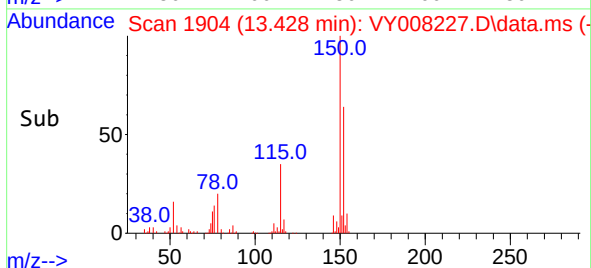
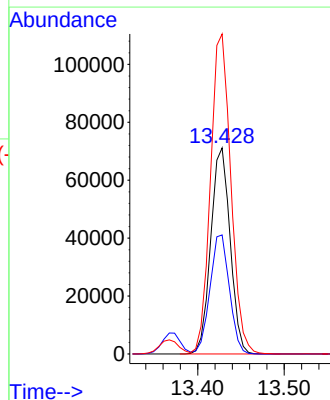
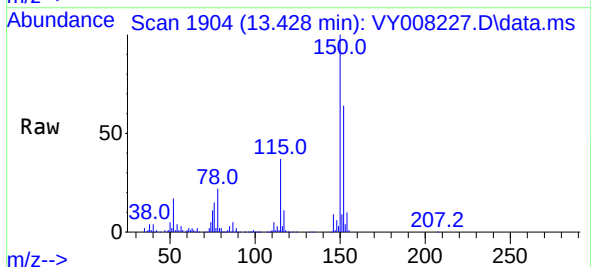
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

Tgt Ion:173 Resp: 19081  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 74.0  
254 0.0 0.0 0.0

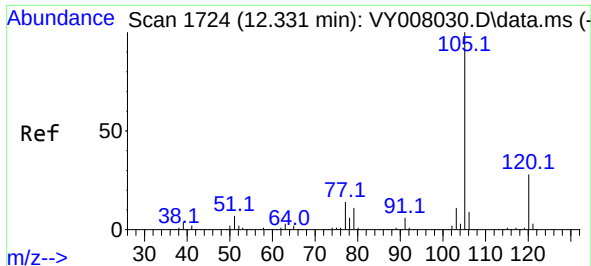


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:152 Resp: 110369  
Ion Ratio Lower Upper  
152 100  
115 58.1 28.2 84.7  
150 163.3 0.0 347.6



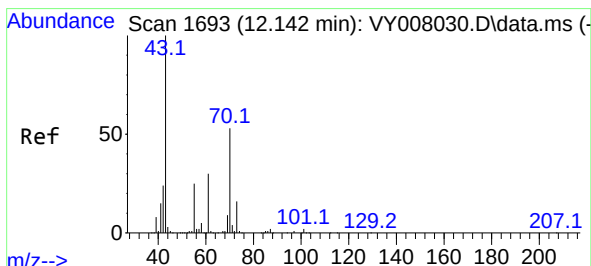
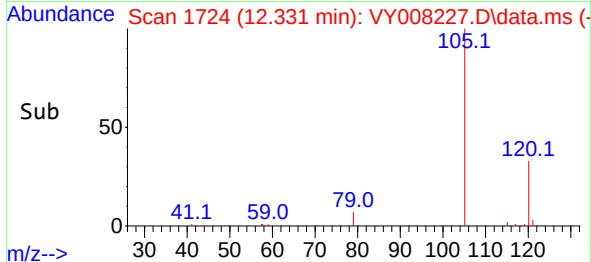
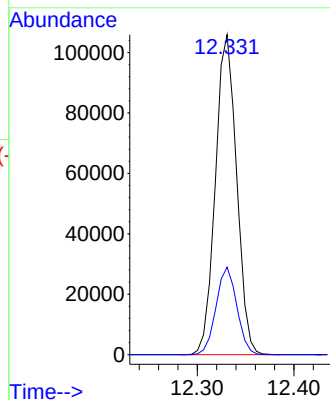
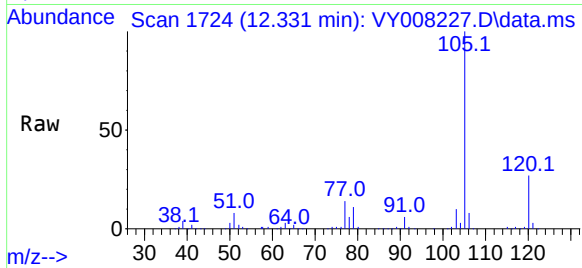




#73  
Isopropylbenzene  
Concen: 17.684 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

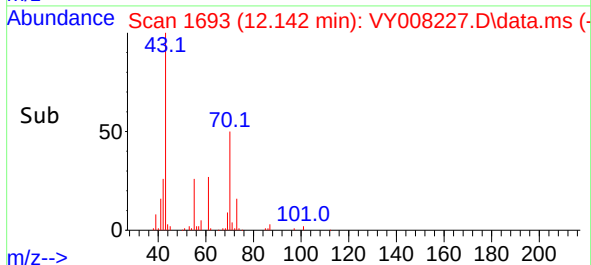
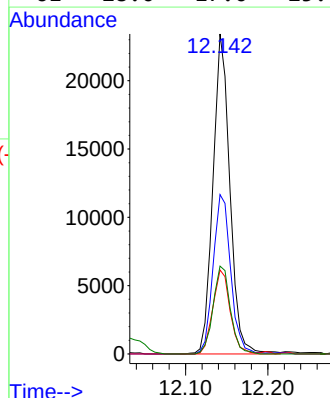
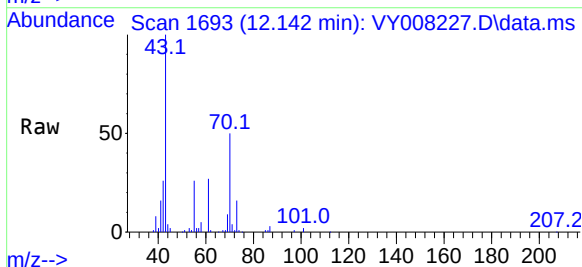
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

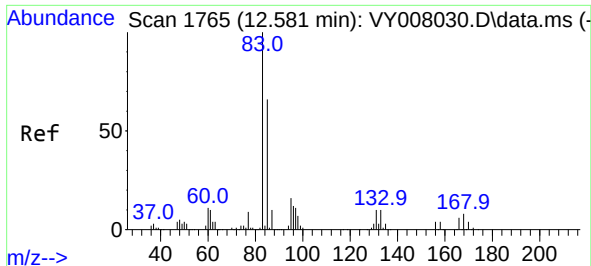
Tgt Ion:105 Resp: 161104  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 16.663 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 43 Resp: 33368  
Ion Ratio Lower Upper  
43 100  
70 52.0 28.7 43.1#  
55 26.9 17.3 25.9#  
61 28.0 17.0 25.6#

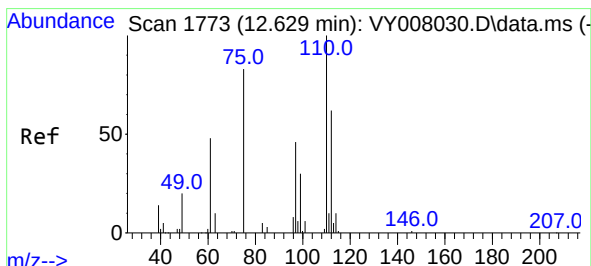
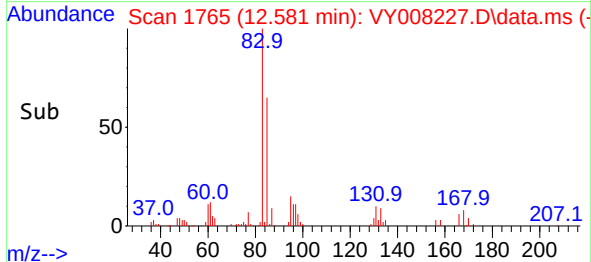
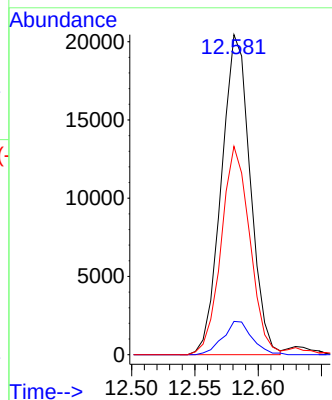
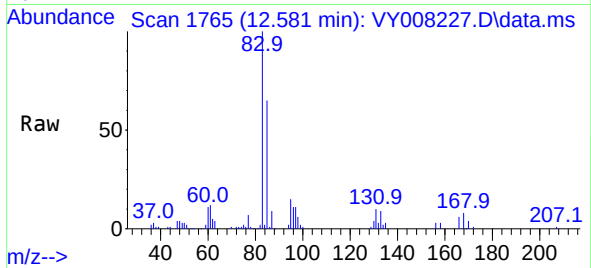




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.305 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

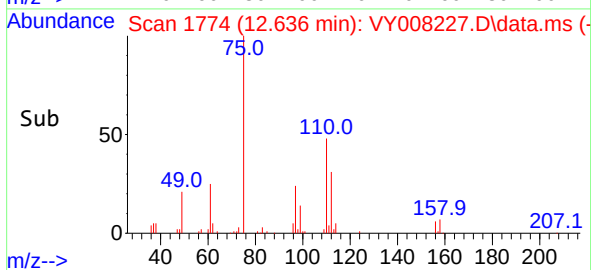
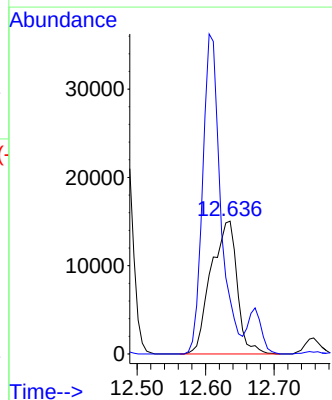
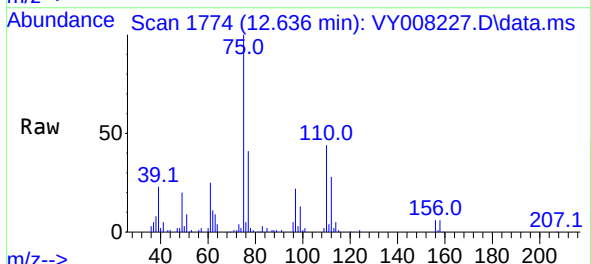
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

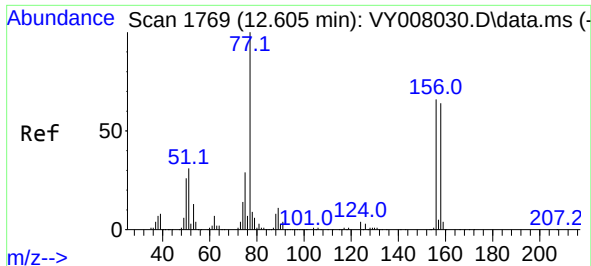
| Tgt Ion | 83    | 131  | 85   |
|---------|-------|------|------|
| Resp:   | 32413 |      |      |
| Ratio   | 100   | 10.5 | 64.7 |
| Lower   |       | 5.6  | 32.3 |
| Upper   |       | 16.8 | 96.8 |



#76  
1,2,3-Trichloropropane  
Concen: 29.607 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.007 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

| Tgt Ion | 75    | 77  |
|---------|-------|-----|
| Resp:   | 39834 |     |
| Ratio   | 100   | 0.0 |
| Lower   |       | 0.0 |
| Upper   |       | 0.0 |

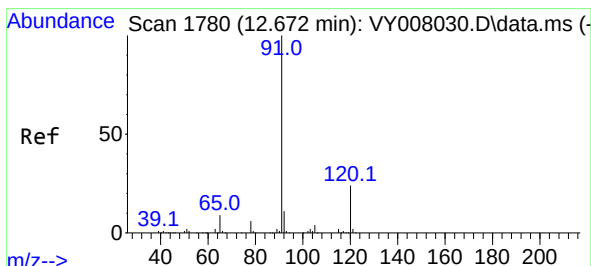
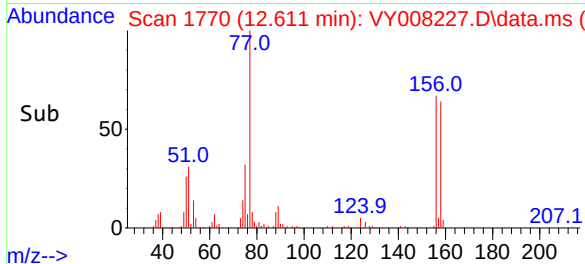
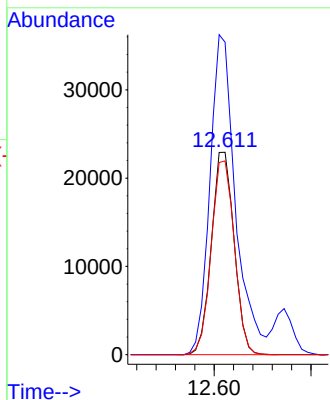
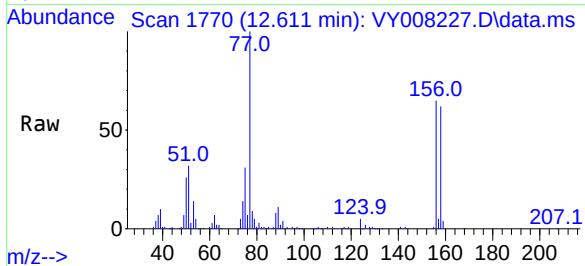




#77  
Bromobenzene  
Concen: 17.933 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

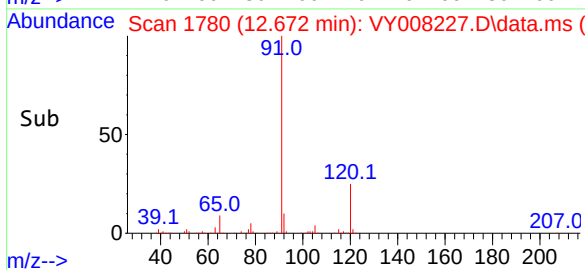
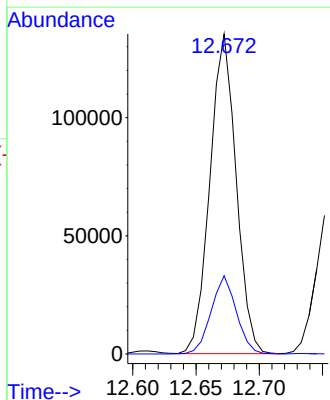
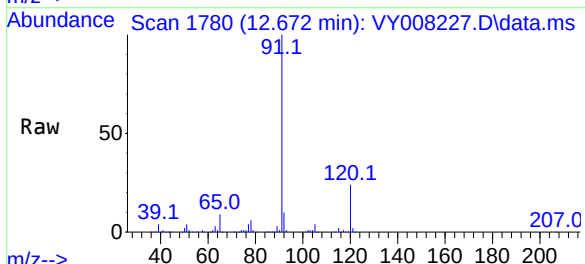
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

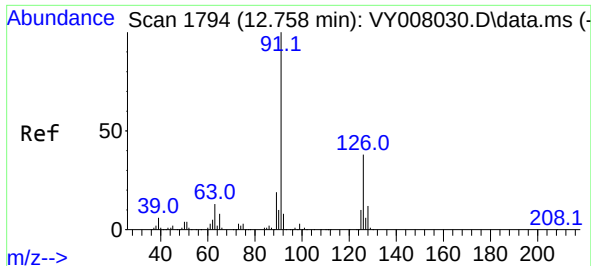
Tgt Ion:156 Resp: 37480  
Ion Ratio Lower Upper  
156 100  
77 177.6 95.5 286.4  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 18.136 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 91 Resp: 194882  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.3 33.9

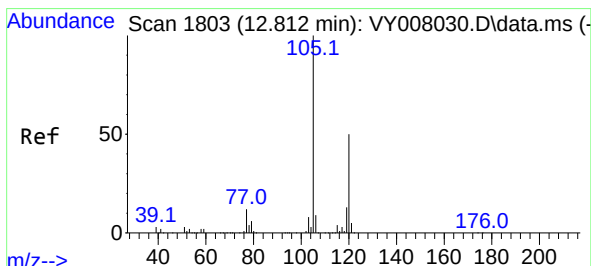
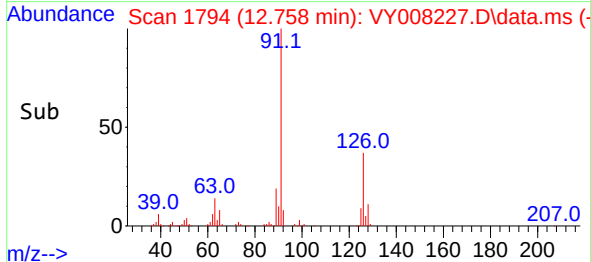
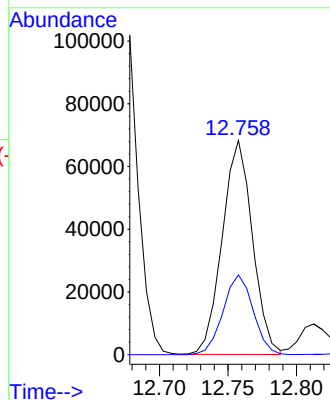
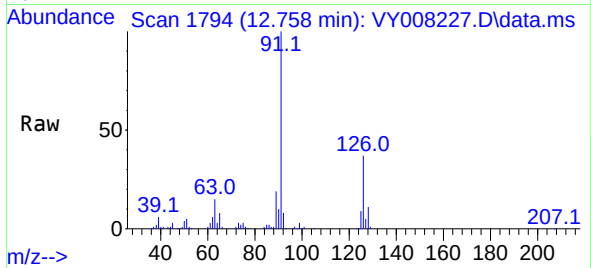




#79  
2-Chlorotoluene  
Concen: 17.578 ug/l  
RT: 12.758 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

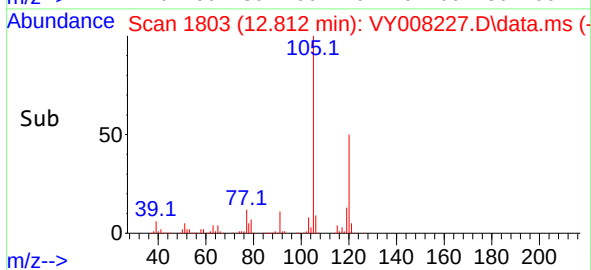
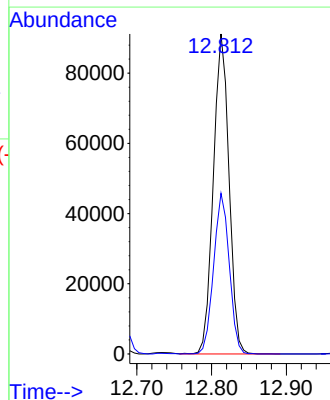
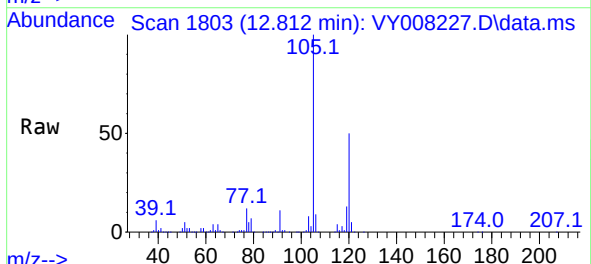
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

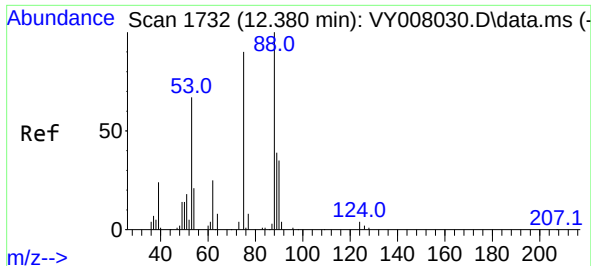
Tgt Ion: 91 Resp: 104779  
Ion Ratio Lower Upper  
91 100  
126 37.0 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 17.840 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:105 Resp: 133143  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.4 73.4

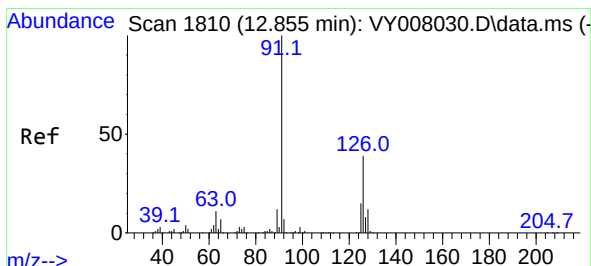
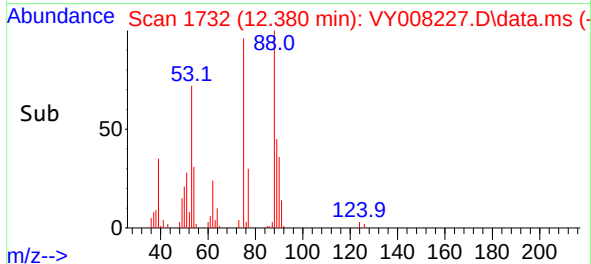
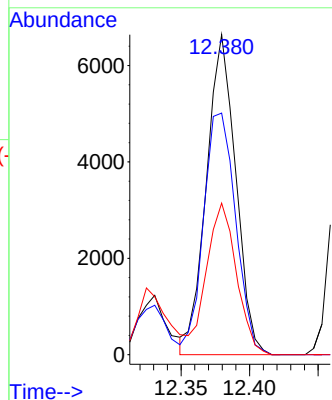
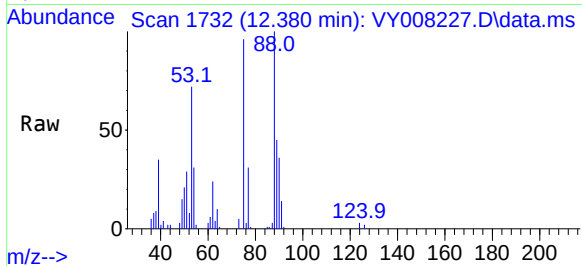




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.388 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

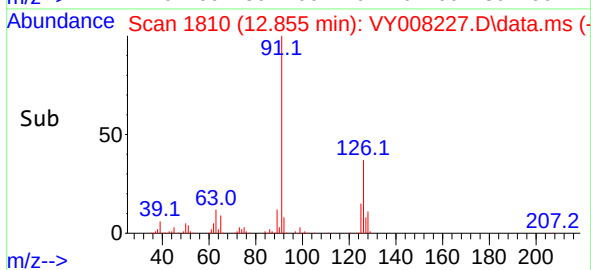
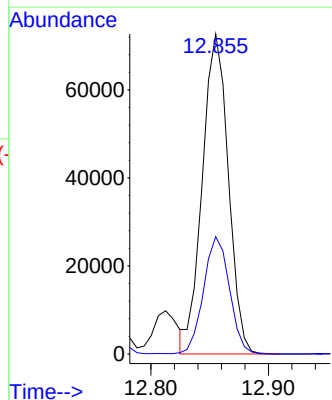
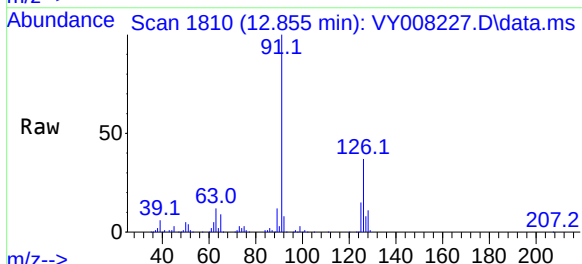
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

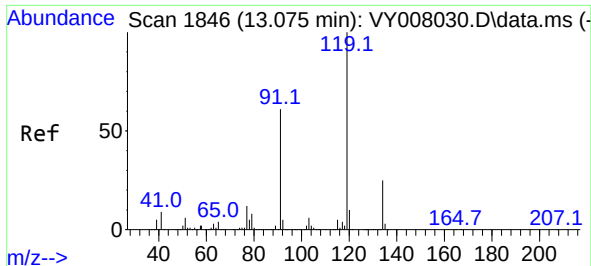
Tgt Ion: 75 Resp: 9882  
Ion Ratio Lower Upper  
75 100  
53 82.9 85.3 127.9#  
89 47.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 18.294 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 91 Resp: 111891  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.0 51.0

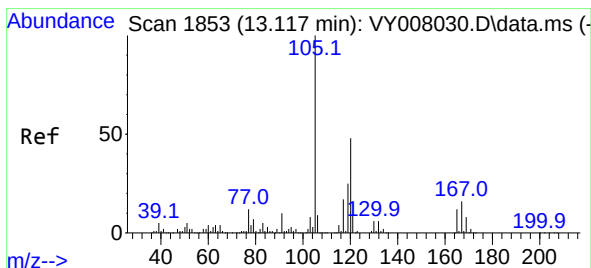
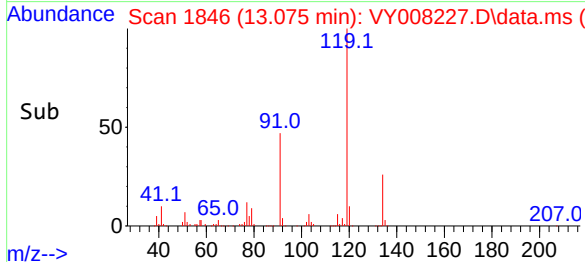
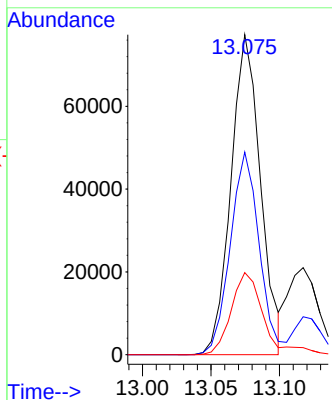
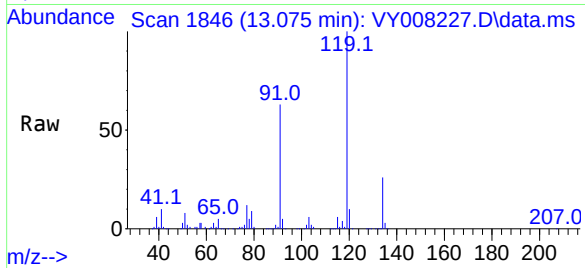




#83  
tert-Butylbenzene  
Concen: 17.472 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

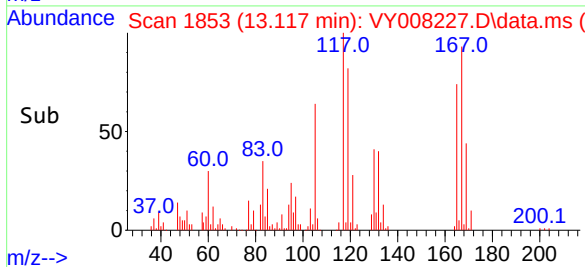
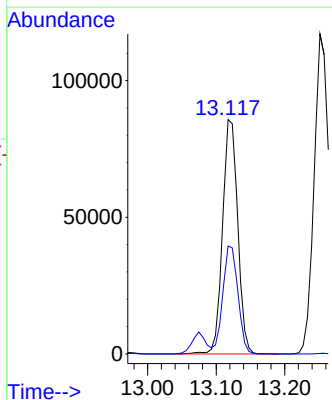
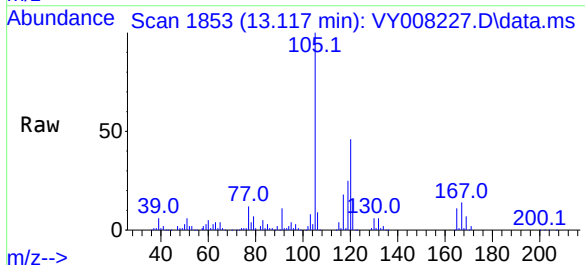
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

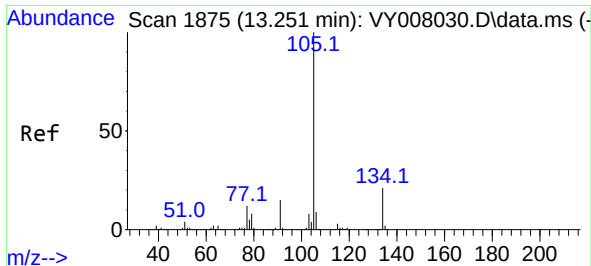
Tgt Ion:119 Resp: 116169  
Ion Ratio Lower Upper  
119 100  
91 62.4 34.8 104.4  
134 28.0 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 18.097 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion:105 Resp: 131525  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.3 66.9

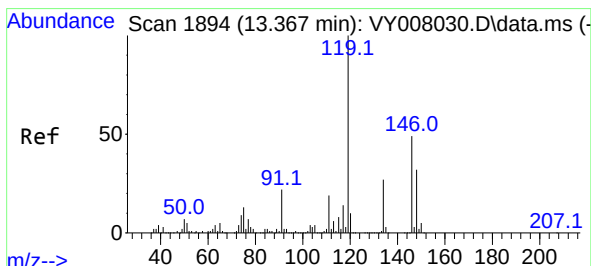
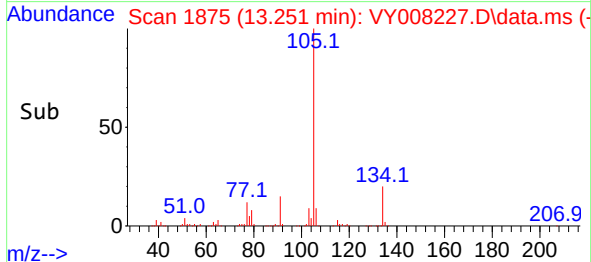
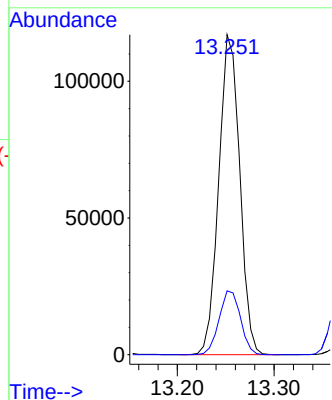
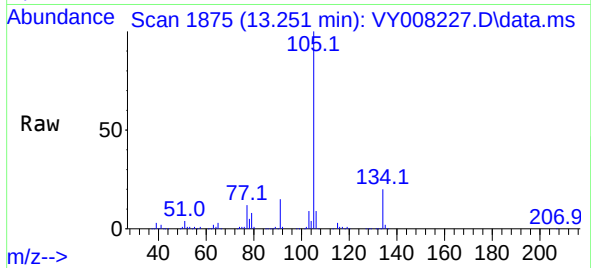




#85  
 sec-Butylbenzene  
 Concen: 17.937 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

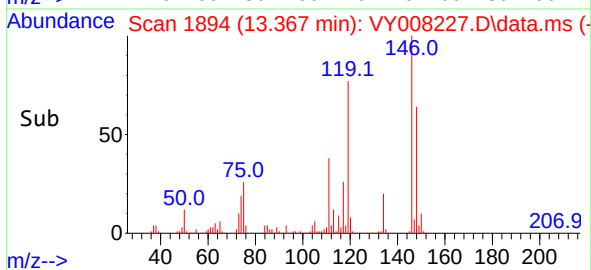
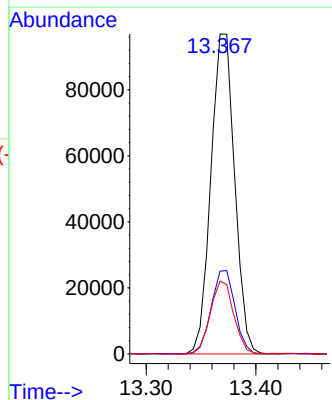
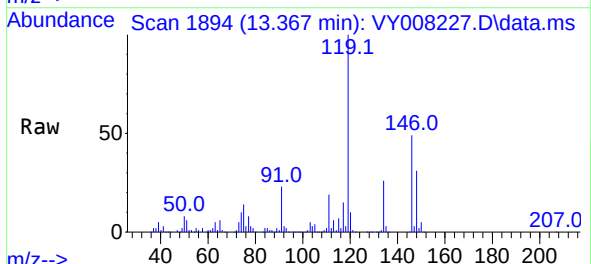
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0406SBS02

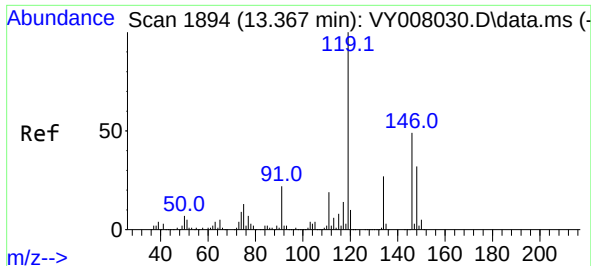
Tgt Ion:105 Resp: 176037  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 17.859 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY008227.D  
 Acq: 06 Apr 2022 12:12

Tgt Ion:119 Resp: 145868  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.5  
 91 22.6 12.4 37.2

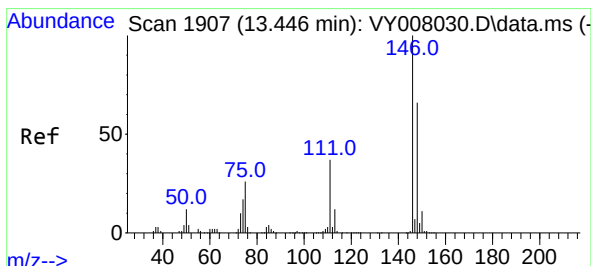
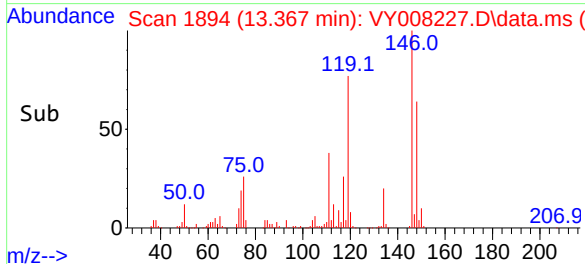
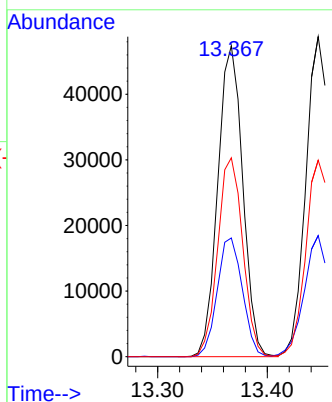
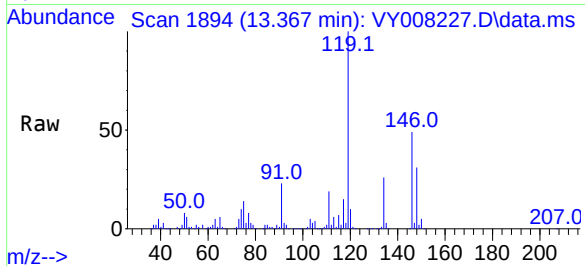




#87  
1,3-Dichlorobenzene  
Concen: 18.120 ug/l  
RT: 13.367 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

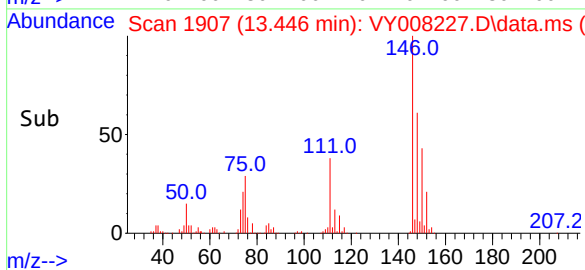
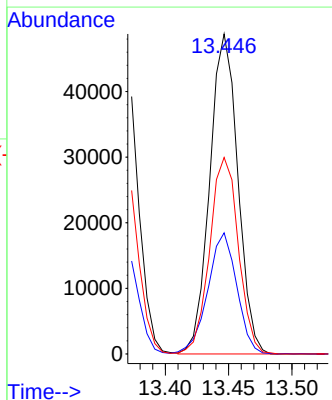
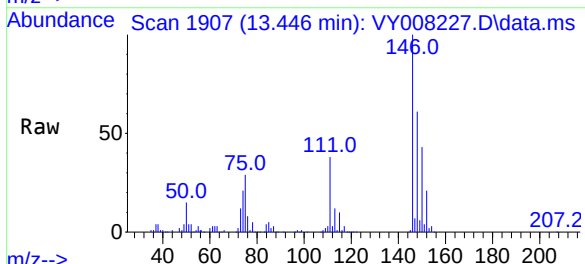
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 75079     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 38.5  | 19.5 58.5 |
| 148         | 64.2  | 31.6 95.0 |

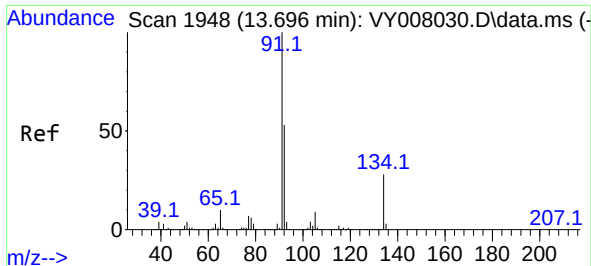


#88  
1,4-Dichlorobenzene  
Concen: 18.228 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 75324     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 39.2  | 19.3 57.8 |
| 148         | 62.8  | 32.6 97.8 |



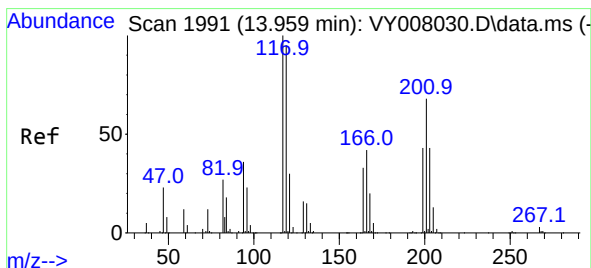
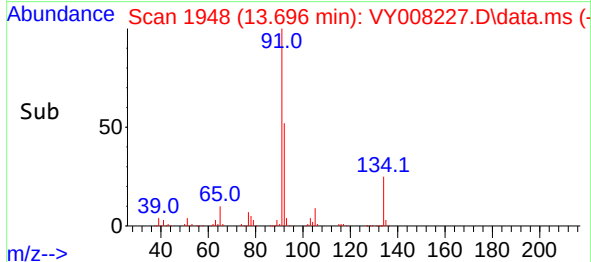
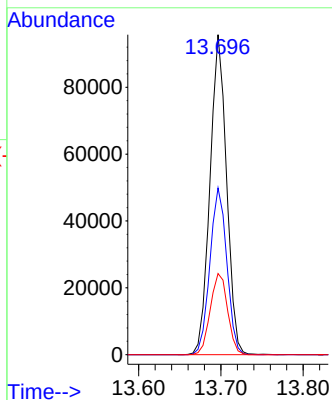
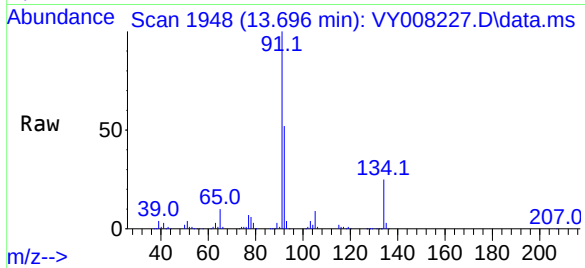




#89  
n-Butylbenzene  
Concen: 17.886 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

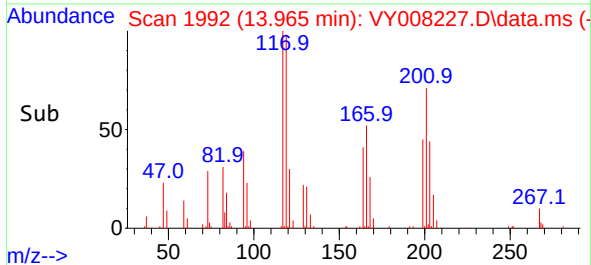
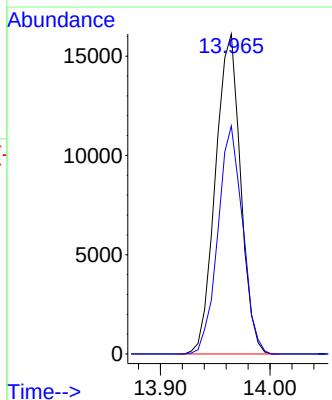
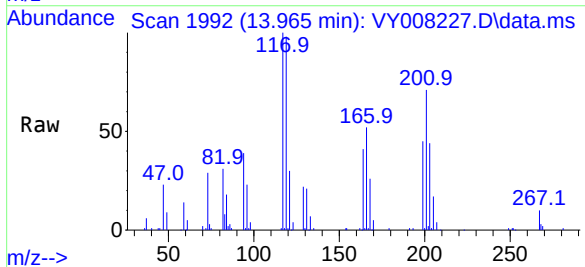
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

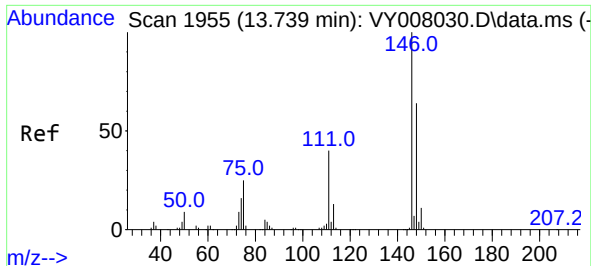
Tgt Ion: 91 Resp: 134409  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.3 78.9  
134 26.4 13.0 38.9



#90  
Hexachloroethane  
Concen: 16.201 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Tgt Ion: 117 Resp: 25639  
Ion Ratio Lower Upper  
117 100  
201 70.4 43.0 128.8

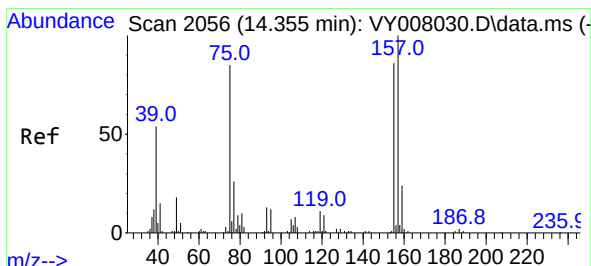
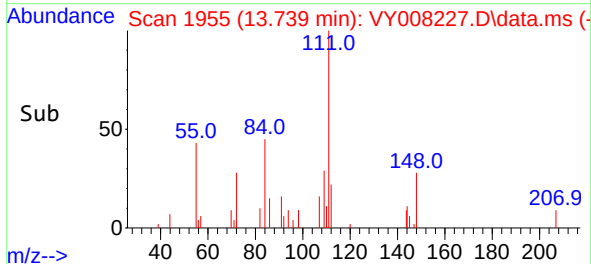
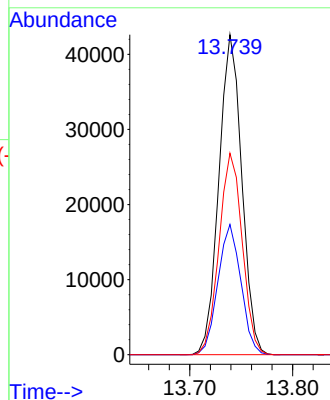
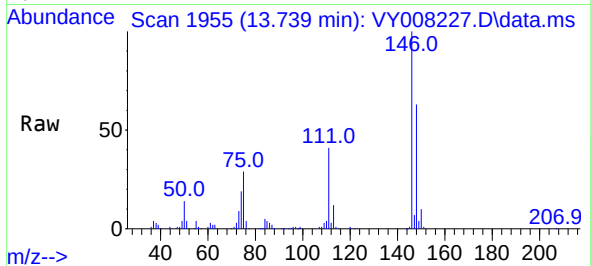




#91  
1,2-Dichlorobenzene  
Concen: 18.065 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

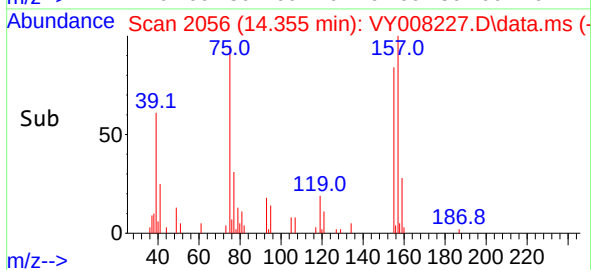
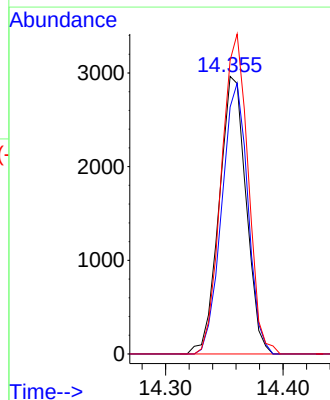
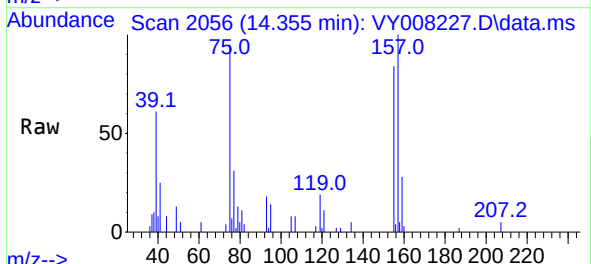
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

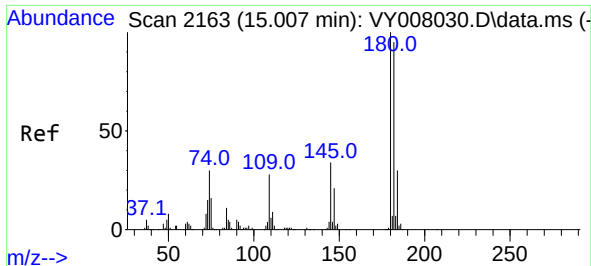
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 65901     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 40.8  | 20.3 60.9 |
| 148         | 63.8  | 32.3 96.9 |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.683 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 4715       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 155         | 94.2  | 38.0 113.9 |
| 157         | 114.1 | 47.8 143.3 |

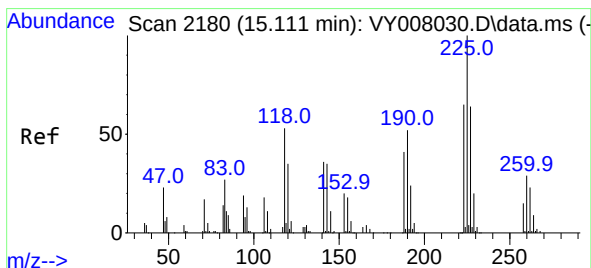
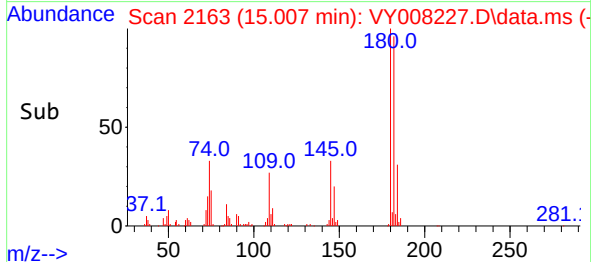
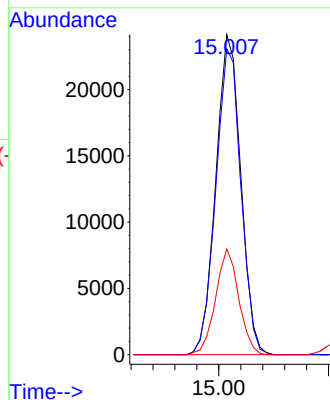
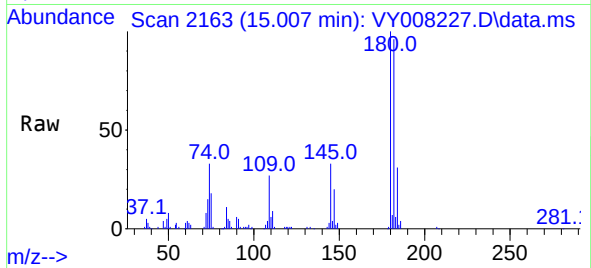




#93  
1,2,4-Trichlorobenzene  
Concen: 17.454 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

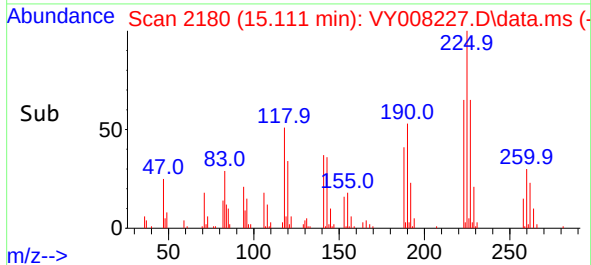
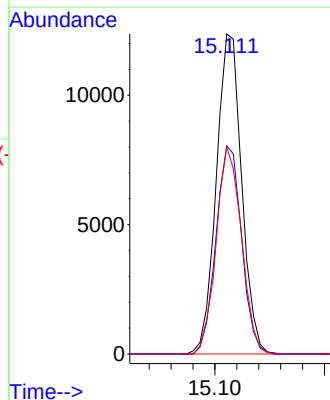
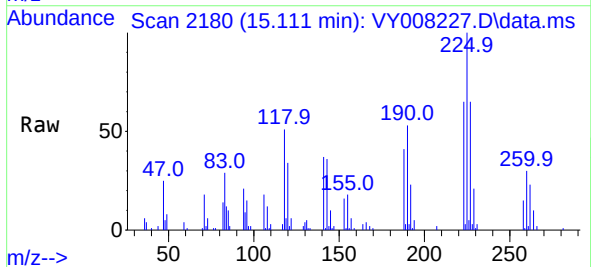
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

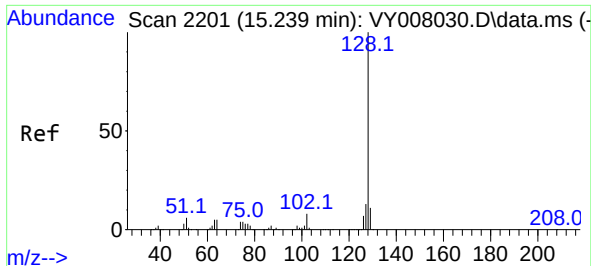
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 38136      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.2  | 47.3 141.9 |
| 145         | 30.6  | 14.6 43.8  |



#94  
Hexachlorobutadiene  
Concen: 17.174 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 19851     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 65.6  | 30.8 92.3 |
| 227         | 64.4  | 31.6 94.7 |

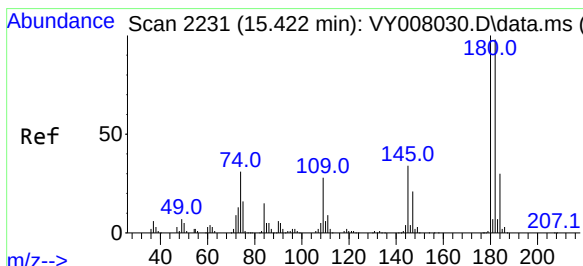
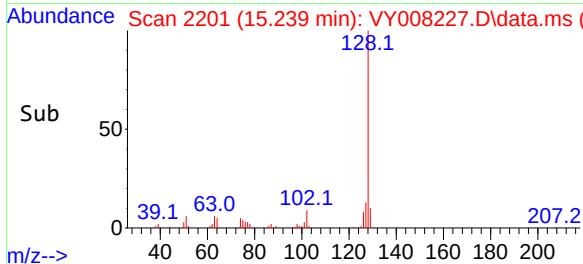
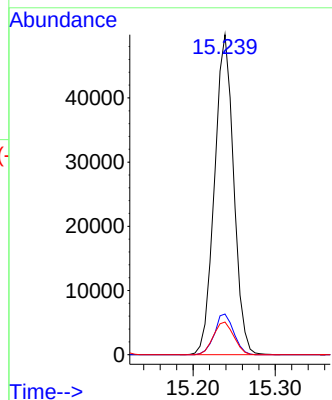
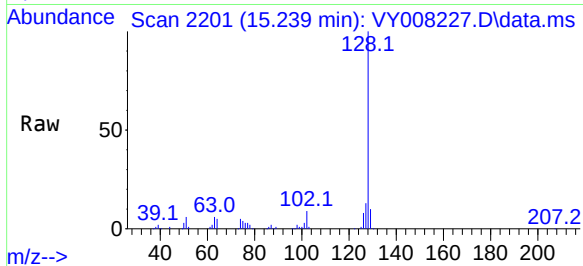




#95  
Naphthalene  
Concen: 16.703 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0406SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 80669 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.8  | 11.0  | 16.4  |
| 129       | 10.9  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 17.111 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY008227.D  
Acq: 06 Apr 2022 12:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 32348 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.1  | 47.3  | 141.9 |
| 145       | 33.3  | 15.3  | 45.9  |

